

State of Maryland
Interagency on School Construction Committee
MEETING MINUTES – April 29, 2014

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APPENDICES – SECTION II

- A. FY 2015 Annual Capital Improvement Program - 100% IAC Recommendations Report
- B. DRAFT FY 2011 Annual Maintenance Report
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The Interagency Committee on School Construction (IAC) meeting was held on April 29, 2014 at the Nancy S. Grasmick State Education Building, 200 West Baltimore Street, Baltimore, MD 21201. The IAC members present at the meeting were: Ms. Kristy Michel (proxy for Dr. Lillian M. Lowery); Members present via teleconference: Ms. Amanda Conn (proxy for Mr. Richard Hall); Mr. Alvin Collins, and Mr. Tim Maloney. The meeting was chaired by Ms. Kristy Michel.

A. Baltimore City Public Schools: Comprehensive Maintenance Plan and Project Delivery

The Designees wish to report on the status of the City Schools Comprehensive Maintenance Plan (CMP) and the execution of State-funded projects by City Schools, and to present recommendations for the further improvement of the school system's facility management program.

I. Comprehensive Maintenance Plan

The Baltimore City Public Schools Construction and Revitalization Act of 2013 authorizes the Maryland Stadium Authority (MSA) to issue up to \$1.1 billion for the replacement or renovation of schools in Baltimore City. A Memorandum of Understanding (MOU), required under the Act to be developed among Baltimore City Public Schools (City Schools), the Maryland Stadium Authority (MSA), the Interagency Committee on School Construction, and Baltimore City, was approved by the Board of Public Works on October 16, 2013. The Act mandates that the MOU shall require "[a] plan developed by the Baltimore City Board of School Commissioners and approved by the Interagency Committee on School Construction for preventative and ongoing maintenance for existing, new, and renovated Baltimore City public school facilities, including funding sufficient to implement the plan." §10-646(E)(11).

Section 11 of the MOU states:

City Schools shall develop, for approval by the IAC, a Comprehensive Maintenance Plan ("CMP") for preventative and ongoing maintenance of all School Buildings, which shall provide for sufficient funding to implement the CMP. The following requirements shall apply to the CMP:

- 1. The CMP shall be a written plan approved by the School Board that describes a strategy for maintaining all School Buildings and for achieving progress toward the Metrics that are described below.*
- 2. The CMP shall ensure that Maintenance is performed for all School Buildings for which City Schools has operational responsibility.*
- 3. The CMP shall apply to all School Buildings, which include:*
 - a. The 10-Year Plan Projects under the Act;*
 - b. All existing School Buildings for which the School Board has operational responsibility; and*
 - c. All other School Buildings that the School Board replaces or funds improvements for through the CIP.*

The MOU also states that "[a]t a minimum, the CMP must demonstrate specific staffing, budget, and organizational components to make significant improvement over the five (5) years following the date of approval of the CMP by the IAC." Section 11.B. In the view of IAC staff, "significant improvement" would require that the entire facility management organization in City Schools in general, and the maintenance functions in particular, be brought to levels of operational efficiency and effectiveness that are equivalent to those of the other large school systems in Maryland. While the dedicated individuals who lead the City Schools maintenance wing have made gains in maintenance practice since 2006, these improvements still leave the school system well behind other systems with respect to critical measures of performance:

square footage assigned to each maintenance staff member; total budget in relation to the age and size of the current and projected building plant; preventative maintenance procedures; standard operating procedures that are enforced, measured and monitored for quality; proportion of reactive vs. scheduled maintenance actions; and possession of a complete and current inventory of equipment and building systems.

Under the terms of the MOU, approval of the CMP is a crucial step in the eventual approval of MSA-Funded 10-Year Plan projects: following approval of the CMP, City Schools will have six months in which to develop maintenance metrics to be approved by the IAC. Progress toward achievement of these metrics will be one of the factors that the IAC will examine in considering future project approvals, beginning in the fall of 2015. Moreover, the individual Building Maintenance Plans that are a requirement of the MOU must be approved by MSA before construction funds will be released.

On December 17, 2013 the Board of School Commissioners approved the CMP, which was forwarded to the Public School Construction Program (PSCP). On February 21, 2014, the PSCP returned comments to City Schools, representing the combined responses of the four agencies that comprise the IAC as well as MSA. The comments indicated why the submitted CMP was not satisfactory in meeting the MOU requirement for significant improvement within five years. Included with the PSCP document were examples from other LEA CMPs that illustrate essential measurements and key indicators of maintenance and the condition of buildings, both of which are integral to both maintenance operations and the development of objective, informed, and well-prioritized capital programs.

On April 4, 2014, the PSCP received a revised CMP from City Schools. The re-submitted CMP is still largely a statement of intentions rather than a Comprehensive Maintenance Plan as this term is understood among Maryland's LEAs and as described in regulation.¹ It is not yet adequate to achieve significant improvement and is deficient in, among other items, the following crucial respects:

- The development of detailed and realistic strategies, including timelines, to attain a maintenance program that is comparable to those of other large Maryland school systems, taking account of factors that are unique to Baltimore City;
- Provision of accurate, complete, and useful data to support the coordinated identification and prioritization of maintenance actions as well as the claims that replacement and renovation of schools under the Act, as well as closure of 26 facilities, will result in overall facility improvements and a significantly reduced maintenance burden;
- The development of a proposed budget and staffing plan within a *five-year* timeframe, as required by the MOU, that is adequate to the tasks that are faced; or
- The thorough evaluation of the organizational structure to determine if it is efficient and effective.

¹ COMAR 23.03.02.18(A)(1): "A comprehensive maintenance plan is a written plan approved by the local board of education that describes a strategy for maintaining public school facilities."

In general, **the CMP does not recognize that to achieve the level of maintenance that is needed by a major school system like Baltimore City Public Schools, *even in the absence of an opportunity like the MSA-Funded 10-Year Plan*, a complete organizational reform is needed that addresses staffing, organization structure, procedures, and budget.**

II. Project Execution

City Schools has been approved for a total of \$342.4 million in State funds between FY 2006 and FY 2014, or an average of \$38 M per year, through the Capital Improvement Program (\$286.5 M) and six other programs and initiatives (\$56. M). Of this amount, as of April 1, 2014 \$119.6 M was unexpended, with 37% of this amount representing FY 2012 and earlier funds, including some funds that reach back to FY 2006. \$1.2 M in unexpended FY 2006 – FY 2009 ASP funds cannot be recovered and is therefore not available to be applied to more recent projects.

The exceptionally low expenditure of FY 2013 funds shown in the attached chart is partly attributable to the cancellation of a number of projects in schools that, subsequent to the approval of these projects, were identified for renovation or replacement in the 10-Year Plan approved by the Board of School Commissioners on January 8, 2013. However, even accounting for these projects, the expenditure record of City Schools through April 1 of FY 2014 lags behind that of the four largest jurisdictions in Maryland for FY 2006.

The information on the unexpended balance of allocations correlates with information that shows that City Schools has taken an exceptionally long time to place State-approved projects under contract as compared to other LEAs, to complete the work once it is contracted, and to seek reimbursement within programs like QZAB. In an attached testimony presented to the IAC on April 14, 2014, City Schools describes the measures it has taken since discussion with IAC staff in November 2013 to address these schedule problems, especially with respect to projects that were approved by the BPW on February 5, 2014 and additional projects recommended by the IAC on February 20, 2014. These are measures, for example assigning projects to design professionals as soon as they are approved, that are for the most part routine among Maryland's LEAs. It is anticipated that these measures will, in combination with the new project review process described below, lead to a marked improvement in project schedules, a measurable increase in the rate of expenditure of approved State funds, and an elimination of projects being threatened with rescission because they are not obligated within the two years of BPW or IAC approval that is specified in statute.

While improved project scheduling is of great importance because it will ensure that scarce State resources are used efficiently, IAC staff has other concerns about project execution in Baltimore City. Project management is related to the discussion above about maintenance, because when maintenance requirements and constraints are not incorporated into design decisions, contractors are released from their obligations before the work is fully completed, or building systems are not fully operational within a short time following project completion due to poor maintenance or to lack of training, then unnecessary maintenance burdens will be incurred in the future.² These problems in project management after the award of contract affect not only the integrity of State funding but also the health, safety, and educational environment in the schools that receives the improvements.

² See IAC letters on FY 2011 and FY 2012 Maintenance Inspection Reports, dated September 6, 2013.

As with the discussion on maintenance in part I of this Agenda item, our expectation is that City Schools will plan, design, procure, construct, and occupy its capital projects at the same levels of timeliness, quality, and cost control that we expect of other school systems in Maryland, and with the attention to maintenance that will protect the value of State and local investments. **With the staff recommendation for an additional \$36.1 M for 29 additional systemic renovation projects in the FY 2015 CIP, plus projects in the Aging Schools Program and the Qualified Zone Academy Bond programs, we believe that a substantial improvement in the school system's methods of project delivery is urgent.**

III. Recommendations

Based on our review of the resubmitted CMP and our concerns about project delivery, the Designees recommend that the IAC require the following measures as a condition for a) future approval of the CMP and b) recommendations for approval of project funding in the Capital Improvement Program and other State funding programs and initiatives:

1. That City Schools work with the PSCP to revise the CMP to the satisfaction of the PSCP and the IAC, recognizing that the CMP is a fundamental statement of policy as well as a guiding plan for implementation of reform. It is critical that it be fully developed as an accurate, comprehensive, and binding plan that describes actions that will lead to measurable results that are comparable to those of other large school systems in Maryland.
2. That City Schools work with the PSCP in a bi-weekly meeting structure that will review the status of:
 - a) Every project approved in the annual CIP, ASP, QZAB program, and other State funding programs as they occur, exclusive of projects funded by the Maryland Stadium Authority, which will be reviewed under a separate process;
 - b) Every statement of intention included in the April 4 CMP, particularly those that outline a schedule for implementing the maintenance plan.

It is expected that critical City Schools staff members, including the Director of the Facilities Design and Construction Division and the Facilities Maintenance and Operations Division, will attend every meeting, with appropriate supporting staff; the Chief Operating Officer of City Schools and others will be requested to attend selectively. Representatives of the Maryland Stadium Authority and Baltimore City will be invited to attend.

3. That by October 1, 2014, as determined through the process outlined in item 2 above, BCPSS will have:
 - Awarded a contract for design for every systemic renovation project that will be approved by the BPW in the FY 2015 CIP, or will have provided a reasonable explanation for delays. Failure to either contract for design services or to provide a reasonable explanation for delays may result in a recommendation to the IAC for rescission of project approval.
 - Begun the implementation, to the satisfaction of the IAC staff, of the following. All references to "CMP" are to the CMP submission of April 4, 2014.

- The Comprehensive Maintenance Plan that is described on pages 101-102 of the CMP and the Building Maintenance Plans that are described beginning on page 54 of the CMP;
- The maintenance metrics that are required by the MOU and are described on pages 55-56 of the CMP, as well as other metrics widely used in the industry and by the other LEAs of Maryland;
- The Computerized Maintenance Management System (CMMS) that is described on pages 54-56 of the CMP;
- The energy management and conservation practices that are described beginning on page 69 of the CMP;
- The staffing increases described beginning on page 89 and elsewhere in the CMP;
- The inventory of the equipment, building systems, and components of every school building in the system, including those that are scheduled to be closed, described on pages 53-54 and elsewhere in the CMP; and
- Other plans and goals stated in the CMP that the IAC staff considers are critical to the achievement of a sound, efficient, and effective facility management program in City Schools.

Staff of the IAC will report on the results of these meetings, the status of projects, and the status of implementing the actions in Item 3 above at every IAC meeting. The evaluations of the IAC staff will form a part of the annual report to the Board of Public Works required under Section 10-645(L) of the Act.

Motion:

TO REQUIRE AS A CONDITION FOR A) FUTURE APPROVAL OF THE BALTIMORE CITY PUBLIC SCHOOLS COMPREHENSIVE MAINTENANCE PLAN (CMP) AND B) RECOMMENDATIONS FOR APPROVAL OF PROJECT FUNDING IN THE FY 2015 AND FUTURE CAPITAL IMPROVEMENT PROGRAMS AS WELL AS IN OTHER STATE FUNDING PROGRAMS AND INITIATIVES:

1. THAT CITY SCHOOLS SHALL WORK WITH THE PUBLIC SCHOOL CONSTRUCTION PROGRAM TO DEVELOP, TO THE SATISFACTION OF THE PSCP, A CMP COMPARABLE WITH RESPECT TO DATA, PROCEDURES, AND STRATEGIC PLANNING TO THOSE OF OTHER LARGE SCHOOL SYSTEMS IN MARYLAND;
2. THAT CITY SCHOOLS SHALL PARTICIPATE IN REGULAR MEETINGS TO BE SCHEDULED AND MANAGED BY THE PUBLIC SCHOOL CONSTRUCTION PROGRAM FOR THE PURPOSES OF ASSESSING THE STATUS OF ALL STATE-FUNDED PROJECTS NOT FUNDED THROUGH MARYLAND STADIUM AUTHORITY BONDS, AS WELL AS THE STATUS OF OTHER FACILITY MANAGEMENT ISSUES THAT ARE ADDRESSED IN THE COMPREHENSIVE MAINTENANCE PLAN; AND

3. TO SHOW BY OCTOBER 1, 2014, PROGRESS TO THE SATISFACTION OF THE IAC DESIGNEES IN THE IMPLEMENTATION OF THE MAINTENANCE PLAN, THE MAINTENANCE METRICS, THE COMPUTERIZED MAINTENANCE MANAGEMENT PLAN, THE BUILDING MAINTENANCE PLANS, THE ENERGY MANAGEMENT PLAN, THE SYSTEMWIDE INVENTORY OF EQUIPMENT, BUILDING SYSTEMS, AND COMPONENTS, AND OTHER PLANS AND GOALS STATED IN THE APRIL 4, 2014 CMP THAT ARE DEEMED OF IMPORTANCE TO THE DESIGNEES.

THE IAC SHALL REPORT ON THE STATUS OF THESE ISSUES TO THE IAC ON A REGULAR BASIS, AND TO THE BOARD OF PUBLIC WORKS IN THE ANNUAL REPORT REQUIRED IN THE BALTIMORE CITY PUBLIC SCHOOLS CONSTRUCTION AND REVITALIZATION ACT OF 2013.

IAC ACTION: THE ABOVE REFERENCED ITEMS WERE:					
	Approved	Disapproved	Deferred	Abstain	Recuse
Dr. Lillian M. Lowery	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Richard Hall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Alvin Collins	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Thomas Lewis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Tim Maloney	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

LEA EXPENDITURE RECORDS FY 2006 - FY 2014

Public School Construction Program
 17-Apr-14

LEA	Total State Allocation, FY06-FY14 (1)	Average Allocation per Year	Total Expenditures, FY06-FY14 (2)	% of Allocation Expended	Total State Allocation, FY06-FY12 (1)	Total Expenditures, FY06-FY13 (2)	% of Allocation Expended	Total State Allocation, FY13 (1)	Total Expenditures, FY13 (2)	% of Allocation Expended
Anne Arundel	\$246,638,344	\$27,404,260	\$205,227,867	83.2%	\$185,352,566	\$179,349,185	96.8%	\$33,580,251	\$22,186,097	66.1%
Baltimore City	\$342,412,520	\$38,045,836	\$222,811,470	65.1%	\$260,428,240	\$216,062,655	83.0%	\$45,965,738	\$5,775,280	12.6%
Baltimore County	\$356,746,798	\$39,638,533	\$286,662,014	80.4%	\$251,110,286	\$252,085,325	100.4%	\$52,392,699	\$32,608,203	62.2%
Montgomery	\$353,207,808	\$39,638,533	\$321,636,872	91.1%	\$268,008,282	\$263,269,075	98.2%	\$46,827,410	\$33,503,916	71.5%
Prince George's	\$350,476,952	\$38,941,884	\$250,170,143	71.4%	\$261,772,272	\$233,730,540	89.3%	\$49,469,764	\$16,439,603	33.2%

NOTES

- (1) Includes new allocations only for: CIP, ASP, QZAB, Supplementary Appropriation (SA), Energy Efficiency Initiative (EEI), Air Conditioning Initiative (ACI), and Security Initiative (SI)
- (2) As of April 1, 2014

BALTIMORE CITY PUBLIC SCHOOLS

Stephanie Rawlings-Blake
Mayor, City of Baltimore

Shanaysha M. Sauls, Ph.D.
*Chair, Baltimore City Board of
School Commissioners*

Tisha Edwards
Interim Chief Executive Officer

Good morning Dr. Lowery, Secretary Hall, Secretary Collins, Mr. Lewis, Mr. Maloney and Dr. Lever. On behalf of Interim CEO Tisha Edwards, I appreciate the opportunity to address the IAC regarding our concerns with the motion for **Baltimore City Schools: Comprehensive Maintenance Plan (CMP) and Project Delivery**. Although we remain ready and willing to meet with Dr. Lever and his staff to improve our CMP and project delivery, we feel that this report ignores the hard work and improvement that City Schools has achieved during FY2006-FY2014. I would like to address the statements in this report that assert inefficiency on the part of City Schools. I also feel compelled to provide information missing from this report that shows the solid good faith efforts of City Schools to work with the IAC, be compliant with State rules and regulations and be good stewards of State and City funding.

At considerable effort and expense, City Schools' staff worked with two major consulting firms to produce a CMP acceptable to the IAC. We have certainly complied with Section 11 of the Memorandum of Understanding (MOU) as indicated in Section II.G.I (Comprehensive Maintenance Plan) of this report. Our intention was to create a CMP that is consistent with other Maryland LEAs but responsive to the organizational structure of City Schools. As more staff are hired and more funds are allocated to maintenance operations as committed in the CMP, we will be able to change our structure to reflect the maintenance organizations of our LEA counterparts who currently enjoy significantly more funding and staffing than we do.

City Schools looks forward to meeting with the IAC and other partners to include input that will strengthen our CMP. The template for change has already been created as our district has committed to increase funding and staffing to maintenance in each of the next nine years. Additionally, the district has committed to closing at least 26 buildings while collaborating with our partners at the Maryland Stadium Authority to build 30-35 new school buildings. These commitments are clearly stated in our CMP. Any additional guidance from Dr. Lever and his staff is welcome. Although this report indicates that our revised CMP is not acceptable, City Schools must point out that the recommendations in Section II.G. III.3 (Recommendations) require adherence to actions and standards outlined in our CMP.

Section II.G.II (Project Execution) of this report criticizes City Schools for having excessive unexpended funds in our Capital Improvement Program (CIP) and our Aging School Program (ASP). However, the report doesn't cite numerous conversations that have been held with Dr. Lever and staff regarding why the funds were unexpended and how City Schools would expend the funds within the established timeframe. The report did not take into account years of improvement on the part of the Design and Construction Division of Operations. For example, from 2008 to the present, design and construction made great improvements in eliminating the prior backlog of CIP and QZAB projects. These improvements were publicly noted by Dr. Lever at both the 2012 and 2013 legislative sessions.

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In the January 8, 2013 report to the Legislative Committees, Dr. Lever stated the following:
"The considerable improvement in the performance of the Department of Facilities Design and Construction over the past four years in administering the design and construction program has been noted by the Interagency Committee on School Construction (IAC) and others, including the Board of School Commissioners."

The FY13 CIP was approved in May of 2012 just before the release of the Jacobs Report and just before the development of the 10 Year Plan. The development of the 10 Year Plan occurred from June, 2012 to December 2012. City Schools had made great progress in improving our design and construction process as noted above but realized at that point that to be good stewards of State funding, we needed to reconsider the FY13 CIP projects when the 10 Year Plan was completed. We did not want to misapply City funding to design or State funding to construction until we felt sure that the funding would not be expended for buildings that would close or change usage. This was the primary cause of the FY13 projects falling behind the ideal schedule. While we regret this setback to our 4 year improvement record, we felt that proper stewardship of public funds was a more important factor than rapid expenditure of those funds in buildings whose future was in question. The delays were calculated and planned. The delays were not the result of inefficiency or a lack of staffing.

City Schools' staff met with Dr. Lever and William Levy in November 2013 to discuss a plan to greatly accelerate the design of the FY15 CIP projects and thereby accelerate the construction and expenditure of State funds. It was decided that City Schools would solicit design proposals from consultants as soon as possible following BPW approval of the FY15 CIP recommendations. The first round of funding approved by BPW in late December included 18 systemic projects. Of these 18 projects, 16 are currently in design with purchase orders issued to the consultants, one is awaiting scope refinement with a proposal due next week, and 1 must be issued publicly via the RFP process. An additional 9 projects were approved by BPW in the second round of funding in February. We are awaiting consultant proposals on 7 of these and 2 must be issued publicly via the RFP process. We anticipate that the remaining 7 proposals will be submitted by May 15th with purchase orders issued in June. The public RFPs (3 projects) are currently being prepared in conjunction with our Procurement Department and will be advertised at the end of the month with final selection and notice to proceed with the design completed by August 1, 2014. In short, out of our current 27 projects approved by BPW, 16 are in the design process, an additional 8 will be in the design process by June and the three public RFP projects will be in the design process by August. This process, discussed in November as noted above, exceeds the expectations set in Thursday's discussion item G.II by two months. Since the discussion with Dr. Lever and Mr. Levy was held in November, we have implemented the process discussed in that meeting.

BALTIMORE CITY PUBLIC SCHOOLS

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Mayor, City of Baltimore

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*Chair, Baltimore City Board of
School Commissioners*

Tisha Edwards
Interim Chief Executive Officer

This report lists \$8.7 million in unexpended ASP funds. After conferring with Dr. Lever's staff shortly after seeing this report yesterday, we reached agreement that the figure was actually \$1,146,289. Regardless of the amount, we agree that the goal is to ensure that all funds are expended. However, this issue was never presented as a concern before yesterday. These funds are primarily the result of high bid estimates that resulted in leftover funds when projects were completed at lesser costs. In FY2009, \$225,000 was reverted when design fees were denied and it was too late to apply and get approvals for projects. It should be noted that these unexpended funds did not result in a loss of future ASP funding to City Schools. In the last fiscal year, City Schools received \$7,324,464. 96 projects were approved and 95 were completed on time. The remaining project was given an extension due to the weather and BGE underground service problems.

In March 2014, City Schools was requested by the PSCP to provide a status update on all of our open QZAB projects. The total listed as unexpended funds was \$7,589,562. While this could be considered accurate in the strict sense, it reflects again on the QZAB reimbursement policy that was in effect for several years which stated that reimbursement could not be made until the project was closed out, the final invoice paid and copies of all payment checks submitted with the closeout documentation. When responding to the request, we were told that for QZAB projects over \$100,000 invoices could be directly submitted to the State for payment. This was the first we heard of this change to prior policy.

Regarding the \$7,589,562 of unexpended funds claimed by the PSCP, City Schools had expended a total of \$4,461,530 as of mid-March 2014. Of the remaining \$3,128,032, two projects with a total value of \$1,250,000 are to be rescinded due to the 10 Year Plan, one project valued at \$200,953 is on hold pending a 10 Year Plan Year 1 feasibility study and the two 2014 projects valued at \$720,000 constitute the bulk of the funds. The two 2014 QZAB projects were approved a year ago and have been designed and reviewed by MSDE and DGS. They will both be completed in late August 2014, expending the funds within 14 months of availability. The 2 remaining 2013 QZAB projects will be advertised for bids at the end of the month and will be constructed over the summer and early fall.

It is City Schools' contention that there are no systemic problems that warrant any concern in the awarding of funding. We have made a concerted effort to improve efficiency and prove to be good stewards of state and local funding. We welcome the opportunity to continue to collaborate with our partners to ensure the execution of a high quality facilities program.



B. Capital Improvement Program (CIP): Approval of Recommendations for the Fiscal Year 2015 Capital Improvement Program Allocations and Planning Approvals, the Fiscal Year 2014 Capital Improvement Program Air Conditioning Initiative (CIP-ACI) Allocations, and Reserved funds within the Fiscal Year 2015 Capital Improvement Program

Attached for your consideration are the Designees’ planning and funding recommendations for the Fiscal Year 2015 Public School Construction Capital Improvement Program, as well as for projects funded in whole or in part from the Fiscal Year 2014 Capital Improvement Program Air Conditioning Initiative, for a total of \$325.255 million. Within this total, \$6.477 million is recommended to be allocated from the FY 2014 Air Conditioning Initiative funding for new project applications.

The total recommended allocations consist of:

FY 2015 CIP New Authorization:	\$275,000,000
FY 2014 CIP Air Conditioning Initiative:	\$6,477,000
Prior year CIP Reverted Statewide Contingency Funds:	\$43,778,719
Total:	\$325,255,719

Motion:

TO RECOMMEND TO THE BOARD OF PUBLIC WORKS APPROVAL OF THE FISCAL YEAR 2015 CAPITAL IMPROVEMENT PROGRAM ALLOCATIONS AND PLANNING APPROVALS SPECIFIED FOR EACH SCHOOL SYSTEM IN THE ATTACHED DOCUMENTS DATED APRIL 29, 2014 IN THE AMOUNT OF \$325.255, CONSISTING OF APROXIMATELY \$275 MILLION IN NEW BOND AUTHORIZATION IN ACCORDANCE WITH THE MARYLAND CONSOLIDATED CAPITAL BOND LOAN OF 2014, APPROXIMATELY \$6.477 MILLION IN CAPITAL IMPROVEMENT PROGRAM FUNDS FOR AIR CONDITIONING PROJECTS IN ACCORDANCE WITH THE MARYLAND CONSOLIDATED CAPITAL BOND LOAN OF 2013, AND APPROXIMATELY \$43.8 MILLION IN RESERVED FUNDS.

IAC ACTION: THE ABOVE REFERENCED ITEMS WERE:						
	Approved	Disapproved	Deferred	Abstain	Recuse	
Dr. Lillian M. Lowery	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Mr. Richard Hall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Mr. Alvin Collins	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Mr. Thomas Lewis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Mr. Tim Maloney	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

C. FY 2011 and FY 2012 Maintenance Survey Reports

At its April 19, 2007 meeting, the IAC requested the PSCP staff to develop a reporting format summarizing the outcome of the maintenance surveys for each school system. This was to be the basis of a yearly report to be produced by our maintenance survey staff.

At its April 17, 2014 meeting, the IAC was provided a draft of the annual maintenance report of surveys performed in FY 2011, and asked to provide comments to the PSCP prior to April 22, 2014. Minor adjustments were made to the report and the final draft of the Maintenance of Maryland's Public School Buildings report of surveys performed in FY 2011, as well as the final draft of the Maintenance of Maryland's Public School Buildings report of surveys performed in FY 2012, are presented for your final review. Upon your acceptance, the reports will be printed in final format and forwarded to you, the Department of Budget and Management, and the legislative budget committees for review and comment before being presented to the BPW at a subsequent date. The FY 2011 and FY 2012 reports are of limited scope in that they do not contain an analysis of the findings; however, they do contain a narrative for each LEA based on the survey results and observations. A comprehensive analysis and discussion of findings for the three fiscal years FY 2011 through FY 2013, including a discussion of trends, will be included in the FY 2013 annual report. That report will include the final results of the first full round of inspections of all Maryland public schools, conducted between FY 2007 and FY 2013.

FOR INFORMATION ONLY
NO ACTION REQUIRED

A. Baltimore County

Catonsville/Bloomsbury Site

The Baltimore County Board of Education (BCBOE) requests site approval for the relocation of Catonsville Elementary School to a new site located at 106 Bloomsbury Avenue, Catonsville, and to renovate the building at that site for the new elementary school (see IAC Section II, FY 2015 CIP Recommendations). The new site is two blocks from the existing school. The Bloomsbury site is developed and the site and buildings are currently owned by Baltimore County and used as a Community Center and Board of Elections. The building on the new site was originally Catonsville High School, built in 1925 with additions in 1930 and 1962. A new high school was built in 1954 on another site and the old high school was transferred to the County for use as a Community Center. A new gym was added in the 1990s by the County as a freestanding building. The 1962 addition no longer exists. The original 1925 building is a Local Historic Landmark and was formally determined eligible for listing in the National Register in 1995. The County is proposing that the new elementary school incorporate the original historic building and link it to the 1990s gymnasium. Some demolition may be needed to accommodate the addition. The Maryland Historic Trust has requested that plans be submitted as early as possible for review and comment. Accordingly, as a condition of permit, the BCBOE will be required to either preserve and rehabilitate the existing building, or to meet other conditions that will be determined by MHT.

The current Catonsville Elementary School on Frederick Road, built in 1920 is likely to have historic value, but it has not been evaluated to determine if it is eligible for listing on the National Register of Historic Places, although it is recorded in the Maryland Inventory of Historic Properties. The current school on a 6.19 acre site is considered less conducive than the Bloomsbury Avenue site for renovation and addition as an elementary school due to the tight site configuration.

Land Use and Infrastructure

- The site is located in the County's Priority Funding Area.
- The site is 11.81 acres and zoned Office Residential 1 and Density Residential 2, allowing a mixed use area of businesses and residences. Rezoning is not needed.
- It is anticipated that a high percentage of students will continue to be walkers, as the site sits in the middle of a residential development and is only two blocks from the existing school.
- There are adequate existing sidewalks and ample vehicular access.
- A traffic study will be conducted to assess the impact of the school at this location.
- A fire station is located in close proximity of the site.
- All utility infrastructure services are available.
- The site will be improved with a closed storm drain system and associated storm-water management facilities. The site currently has none.
- The County BOE and Parks and Recreation Department have a standard joint use agreement on all school sites. There are existing tennis courts and soccer and baseball fields on site. No reduction in the number of facilities is planned.

Environmental and Natural Settings

- The site is not located within a 100 year flood plain.
- There are no tidal or non-tidal wetlands located on the site.
- There are no known rare, threatened or endangered species of plant or animal known to exist on or near the site.
- There is a small forest area on the site which will not be disturbed.
- There are no steep slopes on the site.
- There are no colonial water bird nesting areas or waterfowl staging/feeding areas known to exist on or near the site.
- There are no waterways on the site.

Approval of this site is recommended by means of the following:

Motion:

TO APPROVE THE ACQUISITION BY THE BALTIMORE COUNTY BOARD OF EDUCATION OF THE 11.81 ACRE PARCEL LOCATED AT 106 BLOOMSBURY AVENUE, CATONSVILLE MD 21228, IN BALTIMORE COUNTY, MARYLAND; ADHERING TO THE ACTIONS IDENTIFIED IN THE STATE CLEARINGHOUSE REVIEW, STATE IDENTIFIER MD2013 205-0837, AND WITH THE ADDITIONAL CONDITION THAT THE BOARD OF EDUCATION SHALL EITHER REHABILITATE THE BUILDING IN ACCORDANCE WITH THE SECRETARY OF THE INTERIOR'S STANDARDS FOR THE TREATMENT OF HISTORIC PROPERTIES, OR SHALL DEVELOP THE PROPERTY AND BUILDING IN ACCORDANCE WITH OTHER PLANS APPROVED BY THE MARYLAND HISTORICAL TRUST.

IAC ACTION: THE ABOVE REFERENCED ITEMS WERE:					
	Approved	Disapproved	Deferred	Abstain	Recuse
Dr. Lillian M. Lowery	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Richard Hall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Alvin Collins	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Thomas Lewis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Tim Maloney	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

B. Baltimore County

Loch Raven Elementary School Site

The Baltimore County Board of Education (BCBOE) requests site approval of a 22 acre site located on Glen Keith Boulevard for a new elementary school in the Loch Raven area. This site once housed the Loch Raven Elementary school until it was closed in 1982 and the property was transferred to the County, which uses it for community and recreational services.

The building was originally built in in 1946 with additions in 1949 and 1970. It is listed as a “Landmark” building by the Baltimore County Landmarks Preservation Commission, and the Maryland Historic Trust has made an official determination that the Loch Raven Elementary building is historic. Accordingly, as a condition of permit, the BCBOE will be required either to preserve and rehabilitate the existing building, or to meet other conditions that will be determined by MHT.

The County has submitted a feasibility study recommending replacement of this facility, however the IAC designees and MSDE’s architectural support staff evaluated the feasibility study and believe the building is suitable for renovation; therefore the project is recommended for planning approval as a renovation project, not as a new (see IAC Section II, Revised FY 2015 CIP recommendations).

The new Loch Raven Elementary School is being built to house the students currently housed at the neighboring Halstead Academy. The Halstead Academy Building will be closed as a comprehensive elementary school, renovated at a later date, and reopened as a magnet school.

Land Use and Infrastructure

- The site is located in the County's Priority Funding Area.
- The site is 22 acres and zoned as a mix of residential and local commercial uses. Rezoning is not needed.
- There are adequate existing sidewalks and ample vehicular access. However students living in the Halstead community and walking to the school would have to cross a four lane divided road, and will most likely be bussed.
- A traffic study will be conducted to assess the impact of the school at this location. Access to the site is by a residential street, Glen Keith Blvd. Access could also be made possible from Taylor Ave
- Bus transit is available in close proximity.
- A fire station is located in close proximity of the site.
- All utility infrastructure services are available.
- The site will be improved with a closed storm drain system and associated stormwater management facilities. The site currently has none.
- The County BOE and Parks and Recreation Department have a standard joint use agreement on all school sites. Soccer and baseball fields and tennis courts exist on site and will remain.

Environmental and Natural Settings

- The site is not located within a 100 year flood plain.
- There are no tidal or non-tidal wetlands located on the site.

- There are no known rare, threatened or endangered species of plant or animal known to exist on or near the site.
- There is a small forest area on the site which will not be disturbed.
- There are no steep slopes on the site.
- There are no colonial water bird nesting areas or waterfowl staging/feeding areas known to exist on or near the site.
- There are no waterways on the site.

Approval of this site is recommended by means of the following:

Motion:

TO APPROVE THE ACQUISITION BY THE BALTIMORE COUNTY BOARD OF EDUCATION OF THE 22 ACRE PARCEL LOCATED AT 1801 GLEN KEITH BLVD, IN BALTIMORE COUNTY, MARYLAND; ADHERING TO THE ACTIONS IDENTIFIED IN THE STATE CLEARINGHOUSE REVIEW, STATE IDENTIFIER MD20131206-0839, AND WITH THE ADDITIONAL CONDITION THAT THE BOARD OF EDUCATION SHALL EITHER REHABILITATE THE BUILDING IN ACCORDANCE WITH THE SECRETARY OF THE INTERIOR'S STANDARDS FOR THE TREATMENT OF HISTORIC PROPERTIES, OR SHALL DEVELOP THE PROPERTY AND BUILDING IN ACCORDANCE WITH OTHER PLANS APPROVED BY THE MARYLAND HISTORICAL TRUST.

IAC ACTION: THE ABOVE REFERENCED ITEMS WERE:					
	Approved	Disapproved	Deferred	Abstain	Recuse
Dr. Lillian M. Lowery	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Richard Hall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Alvin Collins	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Thomas Lewis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Tim Maloney	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

C. Baltimore City – Cancellation of Contract Approval and Rescission of Funding Approval

#133 Paul L. Dunbar Middle – Fire Safety (Sprinkler System Replacement)
PSC #30.147.13 SR

#133 Paul L. Dunbar Middle - HVAC
PSC #30.147.11SR

#210 Hazelwood Elementary/Middle – HVAC
PSC #30.189.09/11 SR

At its meeting on February 19, 2013, the IAC approved contracts between Baltimore City Public Schools (BCPSS) and JAK Construction Company, Inc. in the amounts of \$349,000 for the Sprinkler System Replacement project at #133 Paul L. Dunbar Middle (PSC #30.147.13 SR) and \$5,807,000 for the HVAC replacement project at #133 Paul L. Dunbar Middle (PSC #30.147.11 SR) and JLN Construction Services, LLC in the amount of \$2,955,477 for the HVAC replacement project at #210 Hazelwood Elementary/Middle (PSC #30.189.09/11 SR).

For the Dunbar HVAC and the Hazelwood HVAC projects, the Board met the technical requirement by making an award before May 31, 2012; however, they deferred executing the actual contract indefinitely, apparently because they saw conflicts between these two projects and major renovation or replacement of these schools in the 10-Year Plan. It's usual for there to be some elapse of time between a local board award of a contract and the execution of the contract, but this would never be more than a few weeks or at most months; an indefinite delay can only signify that the project is not intended to move forward. Since the contracts for the #133 Paul L. Dunbar Middle – HVAC replacement project (PSC #30.147.11 SR) and the #210 Hazelwood Elementary/Middle project (PSC #30.189.09/11 SR) were considered to be uncontracted as of May 31, 2012, the Designees recommend that funding for these projects be rescinded and transferred to the Statewide Contingency account in accordance with §5-301(j)(3) of the Education Article; COMAR 23.03.02.09.

The #133 Paul L. Dunbar Middle – Sprinkler System Replacement project (PSC #30.147.13 SR) also conflicts with the major renovation or replacement of this school in the 10-Year Plan for that reason the LEA has requested that this project for which the approved contract has not been executed, be rescinded and the funds transferred to the LEA Reserve Account. Since the contract award deadline for this project is May 31, 2014 the Designees recommend that the funding for this project be rescinded and transferred to the Statewide Contingency account reserved for Baltimore City.

There have been no LEA or State expenditures for these projects at this time.

Motion:

TO APPROVE THE CANCELLATION OF THE AWARD OF CONTRACT TO JAK CONSTRUCTION COMPANY, INC. FOR THE SPRINKLER SYSTEM REPLACEMENT PROJECT (PSC #30.147.13 SR) AND THE HVAC REPLACEMENT PROJECT (PSC #30.147.11 SR) AT THE #133 PAUL L. DUNBAR MIDDLE, AS WELL AS THE CANCELLATION OF THE AWARD OF CONTRACT TO JLN CONSTRUCTION SERVICES, LLC FOR THE HVAC REPLACEMENT PROJECT (PSC #30.189.09/11 SR) AT #210 HAZELWOOD ELEMENTARY/MIDDLE IN BALTIMORE CITY AND TO

SECTION VI-APPROVAL OF ACCOUNTING ACTIONS

APPROVE THE RESCISSION FOR THE SPRINKLER SYSTEM REPLACEMENT AND HVAC PROJECTS AT #133 PAUL L. DUNBAR MIDDLE, AS WELL AS #210 HAZELWOOD ELEMENTARY/MIDDLE (PSC #30.189.11 SR); AND TO REVERT \$5,240,000 OF FUNDS FOR THE FY 2011 CIP TO THE STATEWIDE CONTINGENCY ACCOUNT; AND TO REVERT \$332,684 FOR THE FY 2013 CIP TO THE LEA RESERVE ACCOUNT- FOR A TOTAL REVERSION OF \$\$5,572,684.

IAC ACTION: THE ABOVE REFERENCED ITEMS WERE:					
	Approved	Disapproved	Deferred	Abstain	Recuse
Dr. Lillian M. Lowery	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Richard Hall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Alvin Collins	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Thomas Lewis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Tim Maloney	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

A. Approval to Establish Supplementary Appropriation Project Allocations

In the 2011 legislative session, the General Assembly approved an FY 2012 Supplementary Appropriation (SA) in the total amount of \$47.5 million. Projects in this program are subject to approval by the Board of Public Works (BPW) following evaluation by the Designees. Once approved, these projects are subject to the procurement and design review requirements that apply to projects in the Capital Improvement Program (CIP) or Aging Schools Program (ASP).

On April 16, 2014, the BPW approved the cancellation of an uncontracted project and realignment of funds the Baltimore County LEA Contingency Reserve for the following projects:

<u>Project Name</u>	<u>PSC Number</u>	<u>Project Type</u>	<u>Amount</u>
<u>Baltimore</u>			
Warren Elementary	03.193.12SA SR	Windows/Doors	\$ (532,910)
Pretty Boy Elementary	03.013.12SA SR	UST	124,490
			<u>\$ (408,420)</u>
TOTAL SA ALLOCATIONS:			<u>\$ (408,420)</u>

In order for the Public School Construction Program to respond to requests for reimbursement for these projects, funds must be transferred from the Baltimore County LEA Reserve Contingency Account and individual project allocations must be adjusted.

MOTION:

TO APPROVE THE TRANSFER OF (\$408,420) TO THE FY 2012 SUPPLEMENTARY APPROPRIATION ACCOUNT AND TO ADJUST INDIVIDUAL PROJECT ALLOCATIONS FOR THE PROJECT ADJUSTMENTS APPROVED BY THE BOARD OF PUBLIC WORKS ON APRIL 16, 2014 AS SHOWN ABOVE.

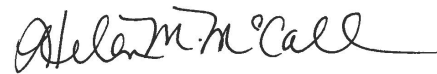
IAC ACTION: THE ABOVE REFERENCED ITEMS WERE:					
	Approved	Disapproved	Deferred	Abstain	Recuse
Dr. Lillian M. Lowery	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Richard Hall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Alvin Collins	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Thomas Lewis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Tim Maloney	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SECTION IX – FUND ADJUSTMENTS

<u>Project Name</u>	<u>Project #</u>	<u>Page#</u>	<u>Current Allocation</u>	<u>Transfer Decrease</u>	<u>Transfer Increase</u>	<u>Adjusted Allocation</u>
<u>Baltimore City FY 2009</u>						
#210 Hazelwood Elem/Middle	30.189.2009		1,050,000	1,050,000		-
Statewide Contingency	40.000.2009		193,308		1,050,000	1,243,308
<u>Baltimore City FY 2011</u>						
#133 Paul L. Dunbar Middle	30.147.2011		3,600,000	3,600,000		-
#210 Hazelwood Elem/Middle	30.189.2011		590,000	590,000		-
Statewide Contingency	40.000.2011		6,094,275		4,190,000	10,284,275
<u>Baltimore City FY 2013</u>						
#133 Paul L. Dunbar Middle	30.147.2013		332,684	324,570		8,114
#133 Paul L. Dunbar Middle	30.147.2013		8,114	8,114		-
Statewide Contingency	40.000.2013		17,126,327		332,684	17,459,011
<u>Baltimore County FY 2012 SA</u>						
Prettyboy Elementary	03.013.2012		100,185		124,490	224,675
Warren Elementary	03.193.2012		532,910	532,910		-
Statewide Contingency	40.009.2012		4,206,429	124,490	532,910	4,614,849

No announcements.

Respectfully submitted,



Helen McCall
Recording Secretary



APPROVED: _____

David Lever
Executive Director

IAC MEETING MINUTES

FY 2015 CAPITAL IMPROVEMENT PROGRAM
100% RECOMMENDATIONS FOR BPW APPROVAL MAY 14, 2014

SUMMARY OF PROJECT REQUESTS & APPROVALS

<u>Priority/ Project Name</u>	<u>Project Type</u>	<u>Status</u>	<u>FY 2015 Requests</u>	<u>FY 2014 ACI State Allocation</u>	<u>FY 2015 State Allocation</u>	<u>FY 2014 ACI & FY 2015 State Allocation</u>
<u>Allegany County</u>						
1 Allegany High	Replacement	A	6,176,000		5,400,000	5,400,000 p2
2 Washington Middle	SR:Roof	A	1,197,000		1,197,000	1,197,000 e
	LEA Totals		<u>\$7,373,000</u>	<u>\$0</u>	<u>\$6,597,000</u>	<u>\$6,597,000</u>
<u>Anne Arundel County</u>						
1 Meade High	SR:HVAC/ Ceiling/ Lighting	A	5,667,000		5,667,000	5,667,000 e
2 Nantucket Elementary	K & PreK Addition	A	LP		LP	LP
3 Nantucket Elementary	K & PreK Addition	A	892,000		892,000	892,000 e
4 Jones Elementary	K Addition	A	LP		LP	LP
5 Jones Elementary	K Addition	A	477,000		463,000	463,000 e
6 Meade Heights Elementary	SR:Roof	A	818,000		818,000	818,000 e
7 Seven Oaks Elementary	K & PreK Addition	C	LP			
8 Seven Oaks Elementary	K & PreK Addition	C	786,000			
9 Jacobsville Elementary	K & PreK Addition	A	LP		LP	LP
10 Jacobsville Elementary	K & PreK Addition	A	880,000		879,000	879,000 e
11 North Glen Elementary	SR:HVAC/Windows/ Ceiling/Lighting	A	2,256,000		2,256,000	2,256,000 e
12 Magothy River Middle	Renovation - Open Space Conversion	A	1,758,000		1,758,000	1,758,000 e
13 Meade High	Renovation - Open Space Conversion	A	1,872,000		1,872,000	1,872,000 e
14 Mills-Parole Elementary	Renovation/Addition	A	116,000		115,952	115,952 b
15 Rolling Knolls Elementary	Replacement	A	6,968,000		6,968,000	6,968,000 b
16 Benfield Elementary	Renovation/Addition	A	2,671,000		2,671,000	2,671,000 p1
17 West Annapolis Elementary	Addition/Renovation	A	LP		LP	LP
18 West Annapolis Elementary	Addition/Renovation	A	2,537,000		2,537,000	2,537,000 p1
19 Severna Park High	Replacement	A	25,221,000		8,183,048	8,183,048 p1
20 Park Elementary	SR:Electrical	A	77,000		77,000	77,000 e
21 Meade Heights Elementary	SR:Electrical	A	77,000		77,000	77,000 e
22 North Glen Elementary	Gym Addition	A	483,000		483,000	483,000 b
23 Oakwood Elementary	Gym Addition	A	483,000		483,000	483,000 b
24 Manor View Elementary	Replacement	C	LP			

Abbreviations:

Kindergarten Additions: K Addition, K & PreK Additions
Systemic Renovations: SR-[type]
Secondary School Reform: SSR
Special Education Inclusion: SEI

Funding Code:

b Balance of multi-year funds
p Partial funds
e Entire funding for project

SUMMARY OF 100% IAC RECOMMENDATIONS - PLANNING AND FUNDING (April 29, 2014) - cont'd

<u>Priority/ Project Name</u>	<u>Project Type</u>	<u>Status</u>	<u>FY 2015 Requests</u>	<u>FY 2014 ACI State Allocation</u>	<u>FY 2015 State Allocation</u>	<u>FY 2014 ACI & FY 2015 State Allocation</u>
<u>Anne Arundel County cont'd</u>						
25 High Point Elementary	Replacement	C	LP			
26 George Cromwell Elementary	Replacement	C	LP			
27 Jessup Elementary	Replacement	C	LP			
28 Arnold Elementary	Replacement	C	LP			
29 Woodside Elementary	Gym Addition	C	LP			
30 Woodside Elementary	Gym Addition	C	1,204,000			
31 Millersville Elementary	Gym Addition	C	LP			
32 Millersville Elementary	Gym Addition	C	1,204,000			
LEA Totals			\$56,447,000	\$0	\$36,200,000	\$36,200,000
<u>Baltimore County</u>						
1 Hereford High	Renovation/Addition	A	8,341,070		8,341,070	8,341,070 b
2 Pikesville High	Renovation	A	10,966,000		10,847,000	10,847,000 p1
3 Overlea High	SR:Air Conditioning-ACI	A	3,939,000	3,939,000		3,939,000 b
4 Sparks Elementary	Addition	A	1,518,000		1,518,000	1,518,000 e
5 NW Corridor Elementary	New	A	LP		LP	LP
6 NW Corridor Elementary	New	A	10,199,000		7,966,930	7,966,930 p1
7 Glenmar Elementary	SR:Roof	A	790,000		790,000	790,000 e
8 Riverview Elementary	SR:Roof	A	653,000		653,000	653,000 e
9 Scotts Branch Elementary	SR:Roof	A	740,000		740,000	740,000 e
10 Oliver Beach Elementary	SR:Roof	A	660,000		660,000	660,000 e
11 Dumbarton Middle	Renovation	A	LP		LP	LP
12 Dumbarton Middle	Renovation	C	11,304,000			
13 Catonsville Elementary @ Bloomsbury	Renovation/Addition	A	LP		LP	LP
14 Catonsville Elementary @ Bloomsbury	Renovation/Addition	C	9,654,000			
15 Westowne Elementary	Replacement	A	LP		LP	LP
16 Westowne Elementary	Replacement	C	8,085,000			
17 Relay Elementary	Replacement	B	LP			
18 Relay Elementary	Replacement	C	8,680,000			
19 Westchester Elementary	Addition	A	LP		LP	LP
20 Westchester Elementary	Addition	A	1,216,000		700,000	700,000 p1
21 Loch Raven Elementary	Renovation/Addition	A	LP		LP	LP
22 Loch Raven Elementary	Renovation/Addition	C	7,667,000			
23 Cromwell Valley Elementary Regional Magnet School of Technology	Renovation/Addition	B	LP			

Abbreviations:

Kindergarten Additions: K Addition, K & PreK Additions
 Systemic Renovations: SR-[type]
 Secondary School Reform: SSR
 Special Education Inclusion: SEI

Funding Code:

b Balance of multi-year funds
 p Partial funds
 e Entire funding for project

SUMMARY OF 100% IAC RECOMMENDATIONS - PLANNING AND FUNDING (April 29, 2014) - cont'd

<u>Priority/ Project Name</u>	<u>Project Type</u>	<u>Status</u>	<u>FY 2015 Requests</u>	<u>FY 2014 ACI State Allocation</u>	<u>FY 2015 State Allocation</u>	<u>FY 2014 ACI & FY 2015 State Allocation</u>
<u>Baltimore County cont'd</u>						
24 Cromwell Valley Elementary Regional Magnet School of Technology	Renovation/Addition	C	5,936,000			
25 Owings Mills Elementary	SR:Roof	A	552,000		517,000	517,000 p1
26 Woodmoor Elementary	SR:Roof	B	718,000			
27 Deer Park Elementary	SR:Roof	A	663,000		663,000	663,000 e
28 Orems Elementary	SR:Roof	A	538,000		538,000	538,000 e
29 Chesapeake Terrace Elementary	SR:Roof	A	627,000		627,000	627,000 e
30 Rosedale Center for Alternative Studies	SR:Roof	B	769,000			
31 Padonia International Elementary	Renovation	C	LP			
32 Halstead Academy	Renovation	C	LP			
	LEA Totals		<u>\$94,215,070</u>	<u>\$3,939,000</u>	<u>\$34,561,000</u>	<u>\$38,500,000</u>
<u>Calvert County</u>						
1 Mutual Elementary	Renovation - Open Space Conversion/Fire Safety	A	355,497		354,497	354,497 b
2 Northern High	Replacement/Renovation	A	2,040,000		2,040,000	2,040,000 p1
3 Sunderland Elementary	SR:Roof	A	258,000		258,000	258,000 e
	LEA Totals		<u>\$2,653,497</u>	<u>\$0</u>	<u>\$2,652,497</u>	<u>\$2,652,497</u>
<u>Carroll County</u>						
1 Charles Carroll Elementary	Renovation	A	LP		LP	LP
2 Manchester Elementary	SR:HVAC	A	2,289,000		2,289,000	2,289,000 e
3 Manchester Elementary	SR:Roof	A	693,000		693,000	693,000 e
4 Francis Scott Key High	SR:Roof	D	820,000			
5 Mechanicsville Elementary	SR:Roof	A	742,000		742,000	742,000 e
6 Sykesville Middle	SR:Windows	A	191,000		191,000	191,000 e
	LEA Totals		<u>\$4,735,000</u>	<u>\$0</u>	<u>\$3,915,000</u>	<u>\$3,915,000</u>
<u>Cecil County</u>						
1 Perryville Elementary	Renovation	A	3,100,000		2,635,000	2,635,000 p1
2 Cecil School of Technology (Replacement)	Renovation	A	LP		LP	LP
3 Cecil School of Technology (Replacement)	Renovation	A	5,304,000		5,068,530	5,068,530 p1
4 Rising Sun Elementary	SR:Roof	A	559,000		491,470	491,470 e
5 New Gilpin Manor Elementary	Replacement	B	LP			

Abbreviations:

Kindergarten Additions: K Addition, K & PreK Additions
 Systemic Renovations: SR-[type]
 Secondary School Reform: SSR
 Special Education Inclusion: SEI

Funding Code:

b Balance of multi-year funds
 p Partial funds
 e Entire funding for project

SUMMARY OF 100% IAC RECOMMENDATIONS - PLANNING AND FUNDING (April 29, 2014) - cont'd

<u>Priority/ Project Name</u>	<u>Project Type</u>	<u>Status</u>	<u>FY 2015 Requests</u>	<u>FY 2014 ACI State Allocation</u>	<u>FY 2015 State Allocation</u>	<u>FY 2014 ACI & FY 2015 State Allocation</u>
<u>Cecil County cont'd</u>						
6 Conowingo Elementary	SR:Roof	B	216,000			
	LEA Totals		\$9,179,000	\$0	\$8,195,000	\$8,195,000
<u>Charles County</u>						
1 St. Charles High	New	A	18,160,809		8,200,000	8,200,000 p5
2 La Plata High	SR:HVAC-ACI	A	347,000	344,000		344,000 e
	LEA Totals		\$18,507,809	\$344,000	\$8,200,000	\$8,544,000
<u>Dorchester County</u>						
1 South Dorchester Elementary/Middle	SR:Roof	A	566,000		566,000	566,000 e
2 Hurlock Elementary	SR:Roof	A	202,000		202,000	202,000 e
3 North Dorchester High	Replacement/Renovation	A	LP		LP	LP
	LEA Totals		\$768,000	\$0	\$768,000	\$768,000
<u>Frederick County</u>						
1 Linganore High	Replacement	A	6,229,726		6,229,726	6,229,726 b
2 North Frederick Elementary	Replacement	A	6,601,000		6,601,000	6,601,000 b
3 West Frederick City Area Elementary	New	A	LP		LP	LP
4 Yellow Springs Elementary	SR:Boiler	A	180,000		180,000	180,000 e
5 Valley Elementary	SR:Boiler	A	188,000		188,000	188,000 e
6 Rock Creek School	SR:HVAC/Piping - Phase I	A	324,000		324,000	324,000 e
7 Ballenger Creek Middle	SR:RTU - Phase III	A	240,000		240,000	240,000 e
8 Brunswick High	SR:Unit Ventilators	A	580,650		581,000	581,000 e
9 Myersville Elementary	SR:HVAC - Phase I	A	308,000		308,000	308,000 e
10 New Midway Elementary	SR:Water Storage Tank	A	194,000		194,000	194,000 e
11 Liberty Elementary	SR:Roof	A	195,000		195,000	195,000 e
12 New Market Elementary	SR:Roof	A	290,000		290,000	290,000 e
13 Brunswick Middle	SR:Roof	A	391,180		391,000	391,000 e
14 Liberty Elementary	SR:Windows/Doors	A	179,000		179,000	179,000 e
	LEA Totals		\$15,900,556	\$0	\$15,900,726	\$15,900,726
<u>Harford County</u>						
1 Fallston High	SR:HVAC/Ceilings	A	4,817,000		3,368,000	3,368,000 b
2 Youth's Benefit Elementary	Replacement	A	6,252,000		6,252,000	6,252,000 p1
3 Joppatowne High	Limited Renovation	B	LP			
4 Havre de Grace Middle/High	Replacement	A	LP		LP	LP

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SUMMARY OF 100% IAC RECOMMENDATIONS - PLANNING AND FUNDING (April 29, 2014) - cont'd

<u>Priority/ Project Name</u>	<u>Project Type</u>	<u>Status</u>	<u>FY 2015 Requests</u>	<u>FY 2014 ACI State Allocation</u>	<u>FY 2015 State Allocation</u>	<u>FY 2014 ACI & FY 2015 State Allocation</u>
<u>Harford County cont'd</u>						
5 Dublin Elementary	SR:HVAC	A	1,939,000		1,939,000	1,939,000 e
6 Darlington Elementary	SR:HVAC	A	603,000		603,000	603,000 e
7 Ring Factory Elementary	SR:HVAC	A	629,000		629,000	629,000 e
LEA Totals			\$14,240,000	\$0	\$12,791,000	\$12,791,000
<u>Howard County</u>						
1 Atholton High	Renovation/Addition	A	2,299,000		2,299,000	2,299,000 b
2 Longfellow Elementary	Renovation/Addition	A	3,416,000		3,416,000	3,416,000 b
3 Laurel Woods Elementary	Addition	A	2,546,000		2,507,000	2,507,000 e
4 Applications and Research Laboratory	SR:HVAC	D	4,221,000			
5 Deep Run Elementary	Renovation/Addition	A	5,734,000		5,734,000	5,734,000 p1
6 Patuxent Valley Middle	Renovation/Addition	A	4,300,000		2,785,000	2,785,000 p1
7 Mount View Middle	SR:Roof	A	792,000		792,000	792,000 e
8 Centennial High	SR:Roof	D	1,428,000			
9 Wilde Lake High	SR:Roof	D	1,301,000			
10 River Hill High	SR:Roof	A	1,729,000		1,729,000	1,729,000 e
11 Mayfield Woods Middle	SR:Chillers	A	286,000		286,000	286,000 e
12 Pointers Run Elementary	SR:Chiller	A	126,000		126,000	126,000 e
13 Burleigh Manor Elementary	SR:Boilers	A	308,000		308,000	308,000 e
14 Elkridge Elementary	SR:Boilers	A	246,000		246,000	246,000 e
15 Elkridge Landing Middle	SR:Chillers	A	286,000		286,000	286,000 e
16 Fulton Elementary	SR:Chiller	A	126,000		126,000	126,000 e
17 Hollifield Station Elementary	SR:Chiller	A	132,000		132,000	132,000 e
18 Waverly Elementary	Renovation	D				
19 Patapsco Middle	Renovation	A	LP		LP	LP
LEA Totals			\$29,276,000	\$0	\$20,772,000	\$20,772,000
<u>Kent County</u>						
1 Garnett Elementary	SR:Roof	A	666,000		666,000	666,000 e
2 Garnett Elementary	SR:HVAC	A	151,000		151,000	151,000 e
3 Galena Elementary	SR:Roof	C	666,000			
4 Galena Elementary	SR:HVAC	D	121,000			
LEA Totals			\$1,604,000	\$0	\$817,000	\$817,000
<u>Montgomery County</u>						
1 Paint Branch High	Replacement	A	6,493,000		6,492,518	6,492,518 b
2 Herbert Hoover Middle	Replacement	A	8,214,000		8,214,000	8,214,000 b

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SUMMARY OF 100% IAC RECOMMENDATIONS - PLANNING AND FUNDING (April 29, 2014) - cont'd

<u>Priority/ Project Name</u>	<u>Project Type</u>	<u>Status</u>	<u>FY 2015 Requests</u>	<u>FY 2014 ACI State Allocation</u>	<u>FY 2015 State Allocation</u>	<u>FY 2014 ACI & FY 2015 State Allocation</u>
<u>Montgomery County cont'd</u>						
3 Glenallen Elementary	Replacement	A	5,491,000		5,491,000	5,491,000 b
4 Beverly Farms Elementary	Replacement	A	5,582,000		5,582,000	5,582,000 b
5 Weller Road Elementary	Replacement	A	8,652,000		3,604,482	3,604,482 p1
6 Bradley Hills Elementary	Addition/Renovation	B	4,523,000			
7 Westbrook Elementary	Addition/Renovation	B	2,409,000			
8 Darnestown Elementary	Addition/Renovation	B	3,202,000			
9 Wyngate Elementary	Addition/Renovation	B	2,838,000			
10 Georgian Forest Elementary	Addition/Renovation	B	2,745,000			
11 Viers Mill Elementary	Addition	B	842,000			
12 Quince Orchard High	SR:HVAC	A	1,105,000		1,105,000	1,105,000 e
13 S. Christa McAuliffe Elementary	SR:HVAC	A	1,073,000		1,073,000	1,073,000 e
14 Damascus High	SR:HVAC - Phase II	A	1,059,000		1,059,000	1,059,000 e
15 Shady Grove Middle	SR:HVAC - Phase I	A	1,023,000		1,023,000	1,023,000 e
16 Goshen Elementary	SR:HVAC	A	873,000		873,000	873,000 e
17 Roberto Clemente Middle	SR:Roof	A	823,000		823,000	823,000 e
18 Woodfield Elementary	SR:HVAC	A	724,000		724,000	724,000 e
19 Briggs Chaney Middle	SR:Roof	A	773,000		773,000	773,000 e
20 Lake Seneca Elementary	SR:HVAC	A	661,000		661,000	661,000 e
21 White Oak Middle	SR:Roof	A	621,000		621,000	621,000 e
22 Summit Hall Elementary	SR:HVAC	A	591,000		591,000	591,000 e
23 Woodlin Elementary	SR:HVAC - Phase II	A	536,000		536,000	536,000 e
24 Fields Road Elementary	SR:Roof	A	399,000		399,000	399,000 e
25 Walt Whitman High	SR:Roof - Phase II	A	305,000		305,000	305,000 e
26 Waters Landing Elementary	Addition/Renovation	B	1,292,000			
27 Gaithersburg High	Replacement/Renovation	B	39,586,000			
28 Clarksburg Cluster Elementary	New	B	9,421,000			
29 Bel Pre Elementary	Replacement	B	8,838,000			
30 Rock Creek Forest Elementary	Replacement	B	10,246,000			
31 Candlewood Elementary	Replacement	B	7,441,000			
32 Wheaton High	Replacement	B	15,785,000			
33 Clarksburg High	Addition	C	LP			
34 Clarksburg High	Addition	C	4,257,000			
35 North Chevy Chase Elementary	Addition/Renovation	C	LP			
36 North Chevy Chase Elementary	Addition/Renovation	C	1,605,000			

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SUMMARY OF 100% IAC RECOMMENDATIONS - PLANNING AND FUNDING (April 29, 2014) - cont'd

<u>Priority/ Project Name</u>	<u>Project Type</u>	<u>Status</u>	<u>FY 2015 Requests</u>	<u>FY 2014 ACI State Allocation</u>	<u>FY 2015 State Allocation</u>	<u>FY 2014 ACI & FY 2015 State Allocation</u>
Montgomery County cont'd						
37 Rosemary Hills Elementary	Renovation/Addition	C	LP			
38 Rosemary Hills Elementary	Renovation/Addition	C	261,000			
39 Bethesda Elementary	Addition	C	LP			
40 Bethesda Elementary	Addition	C	1,472,000			
41 Arcola Elementary	Addition	C	LP			
42 Arcola Elementary	Addition	C	1,168,000			
43 Clarksburg/Damascus Middle	New	A	LP		LP	LP
44 William H. Farquhar Middle	Replacement	A	LP		LP	LP
45 Wheaton Woods Elementary	Replacement	B	LP			
46 Brown Station Elementary	Replacement	B	LP			
47 Wayside Elementary	Replacement	B	LP			
48 Julius West Middle	Renovation/Addition	B	LP			
49 Wood Acres Elementary	Addition	B	LP			
50 Bethesda/Chevy Chase Middle #2	New	C	LP			
51 Seneca Valley High	Replacement	B	LP			
52 Thomas Edison School of Technology	Replacement	B	LP			
LEA Totals			\$162,929,000	\$0	\$39,950,000	\$39,950,000

Prince George's County

1 Clinton Grove Elementary	Addition/Renovation (SEI)	C	3,000,000			
2 Stephen Decatur Middle	Addition/Renovation (SEI)	D	4,425,000			
3 High Point High	Addition/Renovation (SEI)	A	LP		LP	LP
4 High Point High	Addition/Renovation (SEI)	C	3,229,000			
5 Glenarden Woods Elementary	Addition/Renovation	A	9,917,000		8,148,000	8,148,000 e
6 Tulip Grove Elementary	Addition/Renovation	A	LP		LP	LP
7 Tulip Grove Elementary	Addition/Renovation	A	4,000,000		1,189,000	1,189,000 p1
8 Charles Carroll Middle	Renovation (SEI)	A	LP		LP	LP
9 James E. Duckworth E	Renovation/Addition (SEI)	A	LP		LP	LP
10 James E. Duckworth E	Renovation/Addition (SEI)	C	1,000,000			
11 Margaret Brent Regional Center	Renovation/Addition (SEI)	B	LP			
12 C. Elizabeth Rieg Special Center	Limited Renovation	B	LP			
13 C. Elizabeth Rieg Special Center	Limited Renovation	C	2,822,000			
14 Isaac J. Gourdine Middle	SR:Chiller	D	953,000			
15 Bowie High (Belair Annex)	Limited Renovation	B	LP			

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Prince George's County cont'd						
16 Bowie High (Belair Annex)	Limited Renovation	C	8,251,000			
17 Benjamin Tasker Middle	SR:Roof	A	1,238,000		1,238,000	1,238,000 e
18 Nicholas Orem Middle	SR:Roof	A	982,000		982,000	982,000 e
19 Pointer Ridge Elementary	SR:Roof	A	698,000		698,000	698,000 e
20 Largo High	SR:Roof	A	850,000		850,000	850,000 e
21 Central High	Addition/Renovation (SSR)	D	1,415,000			
22 Gwynn Park High	Renovation (SSR)	A	555,000		555,000	555,000 e
23 Duval High	Addition (SSR)	A	2,097,000		2,097,000	2,097,000 e
24 Suitland High	Renovation (SSR)	A	1,447,000		1,447,000	1,447,000 b
25 Surrattsville High	Renovation (SSR)	A	1,172,000		838,000	838,000 e
26 Frederick Douglass High	Renovation (SSR)	A	1,004,000		1,004,000	1,004,000 e
27 High Point High	Addition/Renovation (SSR)	A	1,137,000		184,000	184,000 e
28 Bowie High	Addition (SSR)	A	158,000		158,000	158,000 e
29 Crossland High	Renovation (SSR)	A	1,138,000		1,138,000	1,138,000 e
30 Laurel High	Renovation (SSR)	A	595,000		595,000	595,000 e
31 Largo High	Renovation (SSR)	A	407,000		407,000	407,000 e
32 Friendly High	Renovation (SSR)	A	446,000		446,000	446,000 e
33 Potomac High	Renovation/Addition (SSR)	A	1,470,000		1,470,000	1,470,000 e
34 Forestville High	Renovation (SSR)	A	1,014,000		1,014,000	1,014,000 e
35 Largo High	Renovation - Open Space Conversion	A	1,852,000		1,852,000	1,852,000 e
36 Potomac Landing Elementary	Renovation - Open Space Conversion	A	1,113,000		1,113,000	1,113,000 e
37 Melwood Elementary	Renovation - Open Space Conversion	A	721,000		721,000	721,000 e
38 Eleanor Roosevelt High	Renovation - Open Space Conversion	A	392,000		392,000	392,000 e
39 Paint Branch Elementary	Renovation - Open Space Conversion	A	1,545,000		1,545,000	1,545,000 e
40 Friendly High	Renovation - Open Space Conversion	A	640,000		640,000	640,000 e
41 Hollywood Elementary	Renovation - Open Space Conversion	A	1,206,000		1,206,000	1,206,000 e
42 Francis T. Evans Elementary	Renovation - Open Space Conversion	A	1,406,000		1,406,000	1,406,000 e
43 Indian Queen Elementary	Renovation - Open Space Conversion	A	1,908,000		1,908,000	1,908,000 e
44 Kettering Middle	SR:Fire Safety	A	437,000		437,000	437,000 e

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<u>Priority/ Project Name</u>	<u>Project Type</u>	<u>Status</u>	<u>FY 2015 Requests</u>	<u>FY 2014 ACI State Allocation</u>	<u>FY 2015 State Allocation</u>	<u>FY 2014 ACI & FY 2015 State Allocation</u>
<u>Prince George's County cont'd</u>						
45 Kettering Middle	SR:Ceilings	A	701,000		701,000	701,000 e
46 Samuel Ogle Elementary	SR:Unit Ventilators	A	2,583,000		1,698,000	1,698,000 p1
47 Thomas Johnson Middle	SR:Unit Ventilators	B	3,089,000			
48 Thomas Johnson Middle	SR:Fire Safety	A	463,000		462,000	462,000 e
49 Annapolis Road Academy	SR:Unit Ventilators	B	1,866,000			
50 Annapolis Road Academy	SR:Piping	B	443,000			
51 Bowie High	SR:Piping	B	2,702,000			
52 Tall Oaks Vocational High	SR:Unit Ventilators	B	477,000			
53 Tall Oaks Vocational High	SR:Piping	B	404,000			
54 Hyattsville Elementary	SR:HVAC	B	1,727,000			
55 John Hanson French Immersion	SR:Windows	B	406,000			
56 Thurgood Marshall Middle	SR:Windows	B	503,000			
57 Oxon Hill Middle	SR:HVAC	B	3,076,000			
58 Thomas G. Pullen Elementary/Middle	SR:Windows	B	1,017,000			
59 District Heights Elementary	SR:HVAC	B	324,000			
60 Kettering Elementary	SR:Unit Ventilators	B	155,000			
61 Paint Branch Elementary	SR:HVAC	B	318,000			
62 Walker Mill Middle	SR:Controls	B	329,000			
63 Bond Mill Elementary	SR:Windows	B	890,000			
64 Tayac Elementary	SR:Windows/Doors	B	613,000			
65 William Wirt Middle	SR:Windows/Doors	B	2,977,000			
66 Buck Lodge Middle	SR:Ceilings	B	614,000			
67 Buck Lodge Middle	SR:HVAC	B	1,087,000			
68 Drew Freeman Middle	SR:HVAC	B	1,385,000			
69 Drew Freeman Middle	SR:Electrical	B	2,973,000			
70 Charles Carroll Middle	SR:Ceilings	D	318,000			
71 Thomas S. Stone Elementary	Renovation - Open Space Conversion	B	616,000			
72 Rosa L. Parks Elementary/FF	Replacement	B	2,608,471			
73 Mary Harris "Mother" Jones Elementary/FF	New	B	1,450,000			
74 Lake Arbor Elementary/FF	New	B	3,140,000			
75 Suitland Elementary/FF	Replacement/Renovation	B	2,086,000			
	LEA Totals		<u>\$107,980,471</u>	<u>\$0</u>	<u>\$38,539,000</u>	<u>\$38,539,000</u>

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<u>Queen Anne's County</u>						
1	Stevensville Middle	Renovation/Addition	A	4,010,000		4,010,000 b
2	Centreville Middle	SR:Roof	A	1,102,000		1,102,000 e
LEA Totals				\$5,112,000	\$0	\$5,112,000
<u>St. Mary's County</u>						
1	Captain Walter Francis Duke Elementary	New	A	5,688,000		5,688,000 b
2	Spring Ridge Middle	Limited Renovation/Addition	A	LP		LP LP
3	Spring Ridge Middle	Limited Renovation/Addition	A	7,220,000		5,827,000 p1
4	Spring Ridge Middle	State-Owned Relocatable	A	262,000		262,000 e
5	George Washington Carver Elementary	State-Owned Relocatable	A	66,000		66,000 e
6	Park Hall Elementary	State-Owned Relocatable	A	33,000		33,000 e
LEA Totals				\$13,269,000	\$0	\$11,876,000
<u>Somerset County</u>						
1	Greenwood Elementary	SR:HVAC	A	3,519,000		2,639,000 p1
2	Greenwood Elementary	SR:Roof	A	113,000		113,000 b
LEA Totals				\$3,632,000	\$0	\$2,752,000
<u>Talbot County</u>						
1	Easton High	SR:HVAC-ACI	A	384,000	366,000	18,000 384,000 e
LEA Totals				\$384,000	\$366,000	\$18,000
<u>Washington County</u>						
1	Bester Elementary	Replacement	A	378,000		378,000 b
2	West City Elementary	New	A	6,109,000		6,109,000 p1
3	Washington County Technical High	SR:RTU/AHU	A	1,747,000		980,000 p1
LEA Totals				\$8,234,000	\$0	\$7,467,000
<u>Wicomico County</u>						
1	Bennett Middle	Replacement	A	10,260,000		10,260,000 b
2	Pittsville Elementary/Middle	SR:Windows/Doors	A	462,000		462,000 b
3	Mardela Middle/High	SR:Roof	A	269,000		269,000 b
4	East Salisbury Elementary	SR:Roof	B	1,033,000		
5	Wicomico Middle	SR:HVAC	B	1,784,000		

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<u>Wicomico County cont'd</u>						
6 Charles H. Chipman Elementary	SR:HVAC	B	1,549,000			
7 Delmar Elementary	Limited Renovation	A	LP		LP	LP
8 West Salisbury Elementary	SR:HVAC-ACI	D	186,000			
9 East Salisbury Elementary	SR:HVAC-ACI	A	395,000	395,000		395,000 e
10 Beaver Run Elementary	SR:HVAC-ACI	A	325,000	325,000		325,000 e
11 Fruitland Primary	SR:HVAC-ACI	A	302,000	302,000		302,000 e
12 Salisbury Middle	SR:HVAC-ACI	D	376,000			
LEA Totals			\$16,941,000	\$1,022,000	\$10,991,000	\$12,013,000
<u>Baltimore City</u>						
1 Holabird PK-8 #229	Replacement	C	5,000,000			
2 Graceland Park/O'Donnell Heights Elementary/Middle #240	Replacement	C	5,000,000			
3 Waverly PK-8 #051	Replacement	A	149,000		149,000	149,000 b
4 Federal Hill Prep PK-8 #045	SR:HVAC	A	1,020,000		800,000	800,000 p1
5 Sinclair Lane Elementary #248	SR:HVAC	A	4,120,000		4,120,000	4,120,000 e
6 Sinclair Lane Elementary #248	SR:Roof	A	720,000		720,000	720,000 e
7 Moravia Park Elementary #105A	SR:Fire Safety	A	300,000		300,000	300,000 e
8 Moravia Park Elementary #105A	SR:Boilers	A	880,000		880,000	880,000 e
9 Highlandtown PK-8 #215	SR:Elevator	A	320,000		320,000	320,000 e
10 Highlandtown PK-8 #215	SR:HVAC	A	1,536,000		1,536,000	1,536,000 e
11 Dr. Roland N. Patterson, Sr. Building #082	SR:Elevator	A	320,000		320,000	320,000 e
12 Dr. Roland N. Patterson, Sr. Building #082	SR:Roof	A	2,480,000		2,480,000	2,480,000 e
13 Harlem Park PK-8 #035	SR:Elevator	A	320,000		320,000	320,000 e
14 Harlem Park PK-8 #035	SR:Fire Safety	A	240,000		240,000	240,000 e
15 Coldstream Park PK-8 #031	SR:Fire Safety	A	280,000		280,000	280,000 e
16 Collington Square PK-8 #097	SR:Fire Safety	A	260,000		260,000	260,000 e
17 Franklin Square PK-8 #095	SR:Fire Safety	A	280,000		280,000	280,000 e
18 Edgewood Elementary/Middle #067	SR:Fire Safety	A	280,000		280,000	280,000 e
19 Matthew A. Henson Elementary #029	SR:Fire Safety	A	280,000		280,000	280,000 e
20 Steuart Hill Elementary #004	SR:Fire Safety	A	320,000		320,000	320,000 e
21 Barclay PK-8 #054	SR:Elevator	A	320,000		320,000	320,000 e

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<u>Baltimore City cont'd</u>						
22 Rosemont PK-8 #063	SR:Elevator	A	320,000		320,000	320,000 e
23 Dr. Bernard E. Harris, Sr. Elementary #250	SR:Roof	A	1,000,000		1,000,000	1,000,000 e
24 Canton Building #230	SR:HVAC	C	3,800,000			
25 Beechfield Elementary/Middle #246	SR:HVAC	A	4,420,000		4,420,000	4,420,000 e
26 Dallas F. Nicholas, Sr. Elementary #039	SR:HVAC	A	1,336,000	806,000	530,000	1,336,000 e
27 James McHenry PK-8 #010	SR:HVAC	A	2,480,000		2,480,000	2,480,000 e
28 Margaret Brent PK-8 #053	SR:HVAC	A	1,336,000		1,336,000	1,336,000 e
29 Hampden PK-8 #055	SR:HVAC	A	1,240,000		1,240,000	1,240,000 e
30 George G. Kelson Building #157	SR:HVAC	A	1,640,000		1,640,000	1,640,000 e
31 Frederick Douglass High #450	SR:HVAC	C	1,800,000			
32 The Historic Samuel Coleridge-Taylor Elementary #122	SR:Roof	A	1,600,000		1,600,000	1,600,000 e
33 West Baltimore Building #080	SR:HVAC	A	6,000,000		6,000,000	6,000,000 e
34 Roland Park Elementary/Middle #233	SR:Elevators	A	540,000		540,000	540,000 e
35 Southside Building #181	SR:Elevator	C	320,000			
	LEA Totals		<u>\$52,257,000</u>	<u>\$806,000</u>	<u>\$35,311,000</u>	<u>\$36,117,000</u>
<u>Maryland School for the Blind</u>						
1 Autistic-Blind Cottage Building	Replacement	A	6,777,000		6,777,000	6,777,000 p1
2 Autistic-Blind Classroom Building	Replacement	A	7,956,000		7,956,000	7,956,000 p1
3 Newcomer, Case and Campbell Halls	Renovation	B	LP			
	MSB Totals		<u>\$14,733,000</u>	<u>\$0</u>	<u>\$14,733,000</u>	<u>\$14,733,000</u>
<u>Statewide</u>						
Outsource Design Review		A			660,496	660,496
	LEA Totals			<u>\$0</u>	<u>\$660,496</u>	<u>\$660,496</u>
			<u>\$640,370,403</u>	<u>\$6,477,000</u>	<u>\$318,778,719</u>	<u>\$325,255,719</u>

Abbreviations:

Kindergarten Additions: K Addition, K & PreK Additions
 Systemic Renovations: SR-[type]
 Secondary School Reform: SSR
 Special Education Inclusion: SEI

Funding Code:

b Balance of multi-year funds
 p Partial funds
 e Entire funding for project

SUMMARY OF 100% IAC RECOMMENDATIONS - PLANNING AND FUNDING (April 29, 2014) - cont'd

<u>Priority/ Project Name</u>	<u>Project Type</u>		<u>FY 2015 Status Requests</u>		<u>FY 2014 ACI State Allocation</u>	<u>FY 2015 State Allocation</u>	<u>FY 2014 ACI & FY 2015 State Allocation</u>
Summary by Project Type	Planning Requests	Planning Approved	Funding Requests		FY 2014 ACI & FY 2015 CIP State Allocation		
Kindergarten	4	3	4	3,035,000	3	2,234,000	
Major Projects	51	21	107	482,889,573	66	221,976,753	
Science High School			0	-	-	-	
Systemic Renovation			152	154,084,830	111	100,023,470	
State-owned Relocatable			3	361,000	3	361,000	
Outsource Design Review						660,496	
Total Projects	<u>55</u>	<u>24</u>	<u>266</u>	<u>\$640,370,403</u>	<u>183</u>	<u>\$325,255,719</u>	
Systemic Renovation Includes:			Funding Requests		FY 2014 ACI & FY 2015 State Allocation		
FY 2015 CIP			144	147,830,830	105	93,528,470	
FY 2014 ACI			8	6,254,000	6	6,477,000	
			<u>152</u>	<u>\$154,084,830</u>	<u>111</u>	<u>\$100,023,470</u>	

Abbreviations:

Kindergarten Additions: K Addition, K & PreK Additions
 Systemic Renovations: SR-[type]
 Secondary School Reform: SSR
 Special Education Inclusion: SEI

Funding Code:

b Balance of multi-year funds
 p Partial funds
 e Entire funding for project

Maintenance of Maryland's Public School Buildings

STATE OF MARYLAND
PUBLIC SCHOOL CONSTRUCTION PROGRAM

FY 2011 Annual Report

April 29, 2014



DRAFT

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The following individuals within the Public School Construction Program have made dedicated contributions of time and effort to the Maintenance Inspection Program and the development of this annual report:

Joan Schaefer, Deputy Director

Donn Grove, Maintenance Inspector – Lead

Anthony Lassiter, Maintenance Inspector

Trina Narivanchik, Administrative Officer – Maintenance Inspection Section

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I. PUBLIC SCHOOL MAINTENANCE IN MARYLAND

A. BACKGROUND

The Board of Public Works (BPW) and the Interagency Committee on School Construction (IAC), the entity established by the BPW to administer the Public School Construction Program (PSCP), have a strong interest in the proper maintenance of Maryland's public school facilities.

For all types of facilities, the useful life of the structure is greatly extended through corrective maintenance activities that address existing deficiencies and through a preventive maintenance program that protects against new deficiencies. Good maintenance defers the need for repairs and major renovation, and reduces the cost of renovation when it is eventually needed. Regular maintenance ensures that buildings will remain operational, even under adverse weather conditions.

Established in 1971, the PSCP has had a long involvement with the maintenance of schools. In the summer of 1973, the BPW directed the IAC to conduct a comprehensive maintenance review of all operating public schools. The results revealed that about 21 percent of the State's 1,259 then-operative schools were in poor or fair condition. To improve upon those findings, comprehensive maintenance guidelines were developed by the IAC and approved by the BPW in 1974. When the *Public School Construction Program Administrative Procedures Guide* (APG) was approved by the IAC in 1981, it included a section on maintenance. A new APG was issued by the IAC in September 1994, containing a revised Section 800 - Maintenance. It describes the procedures for development of a local Comprehensive Maintenance Plan (CMP), required to be submitted by each of the local education agencies (LEAs) to the IAC and the local governments prior to October 15 of each year. The APG specifies how the CMP is to address requirements on the planning, funding, reporting, and compliance monitoring of school maintenance. The requirement to submit an annual CMP is now found in the regulations of the PSCP (COMAR 23.03.02.18).

Parallel to the development of the maintenance procedures, in 1980 the BPW directed the IAC to conduct a full maintenance survey of selected public schools in Maryland. The survey was performed by technical staff assigned to the PSCP by the Department of General Services (DGS). Its initial purpose was to assess the quality of local maintenance programs in approximately 100 school facilities that had benefited from State school construction funding. Subsequently, this survey was authorized to become an annual activity and was expanded to include schools that had not received assistance under the Program. Table A on Page 4 of this document shows the ratings for all inspections made during the thirty-one fiscal years in which the surveys have been conducted, as well as the percentage of schools associated with each rating. Of the 3,666 school surveys conducted during this period, 1,930 (53%) received the highest rating categories of "Superior" and "Good," while 215 (6%) received ratings of "Not Adequate" and 36 (1%) received ratings of "Poor." The remaining 1,485 (40%) schools received "Adequate" ratings. Over the last four years, 25 of the total number of surveys were re-inspections of facilities that had received ratings of "Not Adequate" in the previous year.

The IAC recognizes that there is a connection between maintenance and capital funding. To the extent that funding is provided to renovate or replace older schools, a school system's backlog of deferred maintenance items is also reduced. It is generally far more economical to address building deficiencies through a comprehensive renovation than through piecemeal attention to individual building systems. Of equal importance, a properly conducted renovation that is based on an educational specification which has been developed with the participation of educators results in a building that is not only efficient and safe, but one that is better suited to support the current educational program. Maryland's General Assembly and the Administration provided \$1.93 billion in capital funding between fiscal years 2006 and 2011 for

the IAC to administer; it can safely be said that without this funding and the matching contributions of the local governments, the total backlog of deferred maintenance in our schools would be far greater than it is today. LEAs repeatedly mention how State-funded Capital Improvement Program (CIP) systemic renovation and smaller Aging Schools Program (ASP) and Qualified Zone Academy Bond (QZAB) projects not only improve their buildings, but allow their staff to operate in a more efficient manner.

B. THE CURRENT MAINTENANCE INSPECTION PROGRAM

In July 2005, the Capital Debt Affordability Committee (CDAC), consisting of the State Treasurer, the Comptroller, the Secretary of the Department of Budget and Management, and the Secretary of Transportation requested the IAC to develop recommendations to ensure that Maryland's large investment in school facilities will be well protected through good maintenance practices. Since August 2005 the IAC has implemented a series of practices which are described below:

- The maintenance survey function was transferred from DGS to the PSCP beginning in FY 2007, a recommendation that was approved by the General Assembly in the 2006 session. Subsequently, the PSCP hired two full-time school maintenance inspectors with experience in the fields of building maintenance, operations and construction. The individuals in these positions are charged with the responsibility of conducting approximately 230 new school surveys in 24 school systems per year, as well as re-inspections of schools surveyed in the prior fiscal year that received ratings of "Not Adequate" or "Poor". They prepare the survey reports to be sent to the LEAs, review the responses, and perform follow-up inspections on those schools which received "Poor" or "Not Adequate" ratings. With the addition of these full-time inspectors, an internal goal was established by the PSCP to inspect each school in Maryland once every six years. In FY 2009 and FY 2010, the number of inspections was reduced to 145 (138 new, 7 re-inspections) and 187 (182 new, 5 re-inspections), respectively, to accommodate budget constraints. The target of 230 inspections was restored for FY 2011; however, two years of reduced inspections has led to a one-year delay in achieving the goal of inspecting every school on a six-year rotation.
- The maintenance inspection information is now a routine component of the PSCP Facilities Inventory database. The Facilities Inventory database contains all pertinent data associated with each school facility in the State, making it an invaluable resource for the analysis of statewide maintenance practices as well as a permanent record of each building. A linked maintenance inspection database also provides the ability to compile inspection data into useful reports. In conjunction with consistent inspection and reporting methods, it allows the PSCP to observe changes in the overall maintenance performance of the LEAs, and to identify specific categories where maintenance practices need improvement.
- For the fifth year, this Annual Report includes a brief evaluation of the maintenance practices of each LEA. This approach highlights specific maintenance issues and furthers the dissemination of maintenance best practices throughout the state.
- In response to a requirement of the General Assembly, the IAC issued "Guidelines for Maintenance of Public School Facilities in Maryland" in May 2008.

In addition to these actions, the IAC continues to strengthen the alignment between the maintenance inspection program and the annual Public School Construction CIP.

- Since the FY 2010 CIP, requests for roof replacement projects have been required to include the three most recent roof inspection reports as a threshold condition for project eligibility. IAC staff members have raised questions about several requests that appear to demonstrate premature failure of roofs and mechanical equipment due to poor maintenance.
- LEAs have been encouraged to enlarge the scope of certain systemic renovation projects in order to address deficiencies such as insufficient electrical power, which manifests in excessive use of extension cords and power strips that overload circuits and generate tripping hazards.
- The staff of the IAC discusses maintenance budgets and staffing with LEAs in the annual October meetings on the CIP.
- Members of the IAC routinely raise the subject of maintenance during the annual meeting in December at which local superintendents and their staff appeal staff recommendations for CIP funding.

Because of the prestige and practical importance placed on State funding and the high level of visibility of the entire CIP process, it is anticipated that the consistent linkage of maintenance and CIP funding by the IAC will assist local boards and the governments that support their operating budgets to sustain the staff and other resources needed for effective maintenance programs throughout the state.

TABLE A: MAINTENANCE SURVEY RESULTS FISCAL YEARS 1981-2011

NUMBER OF SCHOOL SURVEYS PERFORMED WITH RATINGS AND PERCENTAGES

Fiscal Year	Superior/Good	Adequate	Not Adequate	Poor	Total
1981	13	80	7	0	100
1982	25	67	8	2	102
1983	56	33	14	3	106
1984	59	30	16	7	112
1985	28	55	20	4	107
1986	36	40	19	6	101
1987	41	44	17	3	105
1988	54	39	10	0	103
1989	44	38	15	3	100
1990	60	35	7	1	103
1991	53	52	4	1	110
1992	39	56	7	3	105
1993	45	52	4	0	101
1994	41	57	6	0	104
1995	51	54	1	0	106
1996	46	49	3	1	99
1997	51	47	4	0	102
1998	53	45	3	0	101
1999	46	55	2	0	103
2000	47	38	0	0	85
2001	49	54	0	0	103
2002	73	19	7	1	100
2003	94	30	0	0	124
2004	29	5	3	0	37
2005	65	29	5	0	99
2006	59	40	1	0	100
2007	161	62	10	0	233 (1)
2008	151	89	10	0	250
2009	69	71	5	0	145 (2)
2010	130	54	3	0	187 (2)
2011	162	66	4	1	233
Total Ratings	1930	1485	215	36	3666
Total Percentages	52.65%	40.51%	5.86%	0.98%	100%

Resurveys included in total

10
7
5
3

- (1) Increase associated with engagement of two full-time inspectors in the Public School Construction Program.
- (2) Temporary reduction in number of inspections due to budgetary constraints.

II. THE SURVEY: FISCAL YEAR 2011

A. PROCEDURES AND METHODS

- The FY 2011 surveys were conducted by the IAC's two full-time maintenance inspectors. The surveys were performed between August 2010 and June 2011.
- 233 public schools were selected to be surveyed from the 24 school systems throughout the state, three (3) of which were schools that received a rating of "Not Adequate" in FY 2010 and were scheduled for re-inspection.
- In order to update the existing backlog, the choice of the schools to be inspected in FY 2011 was largely based on the oldest inspection dates in our records. The 233 schools selected in FY 2011 represented approximately 24 million square feet of public school space. A portion of one of the buildings dated back to 1895, while other schools were recently constructed. Many had received complete renovations, additions or systemic upgrades.
- After selecting the schools to be surveyed, the inspectors notified each LEA and scheduled a time and date to meet at the facility. The LEA was usually notified two weeks prior to the survey date. Generally, a facility maintenance representative or a member of the school staff accompanied the inspectors to answer questions and assist with access to secured areas.
- During each survey, the inspectors examined 35 different components and building systems, such as roofing, HVAC, electrical equipment and parking lots (see Sample Survey Form, pages 13-15). An evaluation was made for each category by rating the condition, performance, efficiency, preventive maintenance record and life expectancy of the various components and systems. The inspectors' comments were recorded on the survey form.
 - Each of the 35 categories was evaluated and given a rating that ranged from "Poor" to "Superior." Each rating was converted to a numerical score and multiplied by a predetermined factor or "weight". These weights were established by the IAC to indicate the impact that a failed or deficient component could have on life safety or health issues in the facility. Items not present in the facility were indicated as "Not Applicable."

Scoring Levels:

- | <u>Point Range</u> | | <u>Nomenclature</u> |
|--------------------|---|---------------------|
| 96 – 100 | - | Superior |
| 86 – 95 | - | Good |
| 76 – 85 | - | Adequate |
| 66 – 75 | - | Not Adequate |
| 0 – 65 | - | Poor |
- Weighting Values and Description
 - 3 - A serious and potentially urgent impact on safety and/or health
 - 2 - A serious but not immediate impact on safety and/or health
 - 1 - Less direct impact on safety and health

- Care is taken during the survey to ensure that the age or demographics of the school do not affect the survey scores. If a school is well maintained and clean, and has older equipment and components that are serviceable and not causing harm to other equipment and building components, it should receive a high score.
- Beginning in FY 2008, safety equipment and emergency preparedness plans were closely evaluated at each facility, as well as the accessibility of the Asbestos Management Plan that is required under federal legislation to be present in school facilities. In addition, since regulations require that semi-annual roofing inspections are to be completed and reports kept on file for the life of the building, LEAs were requested to provide the last three (3) roof inspection reports. At that time, it was found that many roof inspections were not recorded or had not been performed, creating a concern with regards to the warranty issued by the manufacturer. Warranties must be maintained in order to prevent unnecessary and costly premature replacement of the roof systems.
- A copy of each survey and a cover letter was sent to the school system's superintendent and facilities maintenance director. Any building system that was rated "Poor" or "Not Adequate" required a follow-up response from the LEA stating either that the problem had been repaired or describing the method of corrective action that was planned in the near future. Similarly, if a category rated "Superior," "Good," or "Adequate" showed a specific deficiency, a follow-up response was also required. Responses are typically required from the LEA within 30 days of receipt of the letter and surveys. Any school that scores an average rating of "Not Adequate" or "Poor" is required to be repaired to an acceptable condition, or have its deficiencies reasonably addressed to the State's satisfaction, within a 60-day period, after which time a re-inspection is performed.

B. FY 2011 SURVEY RESULTS

FY 2011 Ratings

The specific ratings of schools surveyed in each school district are shown in Table B "FY 2011 Maintenance Survey Results", pages 7-12.

Of the 233 schools surveyed in FY 2011:

- 31 schools were rated as "Superior"
- 131 schools were rated as "Good"
- 66 schools were rated as "Adequate"
- 4 schools were rated as "Not Adequate"
- 1 school was rated as "Poor"

TABLE B: FY 2011 MAINTENANCE SURVEY RESULTS

LEA / School Name	PSC #	School Type	Area (Square Feet)	Rating
Allegany (3)				
Braddock Middle	01.035	Middle	98,887	Adequate
Frost Elementary	01.029	Elementary	36,864	Good
Westmar Middle	01.014	Middle	125,649	Good
			261,400	
Anne Arundel (20)				
Arundel High	02.040	High	292,177	Adequate
Arundel Middle	02.057	Middle	140,032	Good
Benfield Elementary	02.029	Elementary	42,234	Good
Brooklyn Park Elementary	02.085	Elementary	74,540	Adequate
Central Elementary	02.117	Elementary	83,381	Good
Chesapeake High	02.012	High	322,400	Adequate
Eastport Elementary	02.035	Elementary	34,658	Good
Edgewater Elementary	02.033	Elementary	52,326	Adequate
Ferndale EEC	02.124	Elementary	24,076	Good
Fort Smallwood Elementary	02.031	Elementary	64,907	Good
Freetown Elementary	02.080	Elementary	82,460	Superior
Germantown Elementary	02.083	Elementary	71,110	Good
Hillsmere Elementary	02.084	Elementary	49,130	Adequate
Marley Elementary	02.079	Elementary	67,111	Superior
Marley Middle	02.059	Middle	154,293	Superior
North Glen Elementary	02.118	Elementary	43,565	Good
Oakwood Elementary	02.109	Elementary	48,750	Adequate
Pasadena Elementary	02.070	Elementary	68,023	Superior
Severna Park Middle	02.089	Middle	205,905	Superior
Southern High	02.068	High	226,206	Adequate
			2,147,284	
Baltimore City (22)				
Armistead Gardens PK-8 # 243	30.186	PreK-8	62,031	Good
Bay Brook PK-8 # 124A	30.175	Elementary	31,988	Adequate
Beechfield PK-8 # 246	30.195	PreK-8	78,393	Adequate
Booker T. Washington Building # 130	30.168	Middle/High	211,992	Not Adequate
Calverton PK-8 # 075	30.184	PreK-8	269,870	Adequate
Canton Building # 230 (re-inspection)	30.166	Middle/High	97,568	Adequate
Carver Vocational-Technical High CTE # 454	30.113	Career Tech	232,638	Good
Charles Carroll Barrister Elementary # 034	30.018	Elementary	48,137	Good
Cross Country PK-8 # 247	30.221	PreK-8	88,785	Good
Edgewood PK-5 # 067	30.262	Elementary	66,199	Good
Fairmont-Harford Building # 456	30.219	High	167,913	Adequate
Frederick Elementary # 260	30.162	Elementary	43,465	Good
James Mosher Elementary # 144	30.252	Elementary	69,252	Superior
Lake Clifton Building # 040	30.241	Middle/High	485,622	Poor
Lakeland PK-8 # 012	30.179	PreK-8	84,965	Good
Langston Hughes Elementary # 005	30.130	Elementary	40,920	Good
Margaret Brent PK-8 # 053	30.029	PreK-8	47,626	Good
North Bend PK-8 # 081	30.041	PreK-8	77,152	Good
Rosemont PK-8 # 063	30.127	PreK-8	78,500	Good
The Historic Samuel Coleridge-Taylor Elementary # 122	30.203	Elementary	110,981	Adequate
Thomas Jefferson PK-8 # 232	30.090	PreK-8	57,430	Adequate
Windsor Hills PK-8 # 087	30.045	PreK-8	59,000	Good
			2,510,427	

TABLE B: FY 2011 MAINTENANCE SURVEY RESULTS

LEA / School Name	PSC #	School Type	Area (Square Feet)	Rating
Baltimore County (25)				
Baltimore Highlands Elementary	03.100	Elementary	65,977	Good
Carney Elementary	03.188	Elementary	66,012	Good
Deep Creek Middle	03.113	Middle	145,200	Good
Dulaney High	03.133	High	250,286	Adequate
Dundalk Elementary	03.052	Elementary	74,835	Good
Edgemere Elementary	03.056	Elementary	66,650	Superior
Elmwood Elementary	03.072	Elementary	58,195	Good
Essex Elementary	03.055	Elementary	66,650	Good
Franklin High	03.120	High	211,892	Good
Franklin Middle	03.127	Middle	168,308	Good
Fullerton Elementary	03.004	Elementary	62,910	Superior
General John Stricker Middle	03.122	Middle	169,555	Good
Hebbsville Elementary	03.104	Elementary	64,340	Good
Holabird Middle	03.047	Elementary/Middle	124,525	Good
Jacksonville Elementary	03.074	Elementary	75,672	Good
Johnnycake Elementary	03.103	Elementary	63,495	Good
Kenwood High	03.148	High	292,029	Adequate
Lansdowne High	03.149	High	211,070	Adequate
Mars Estates Elementary	03.020	Elementary	64,840	Good
Martin Boulevard Elementary	03.142	Elementary	54,947	Superior
McCormick Elementary	03.191	Elementary	54,450	Superior
Middleborough Elementary	03.192	Elementary	48,715	Good
Scotts Branch Elementary	03.025	Elementary	57,735	Good
Sudbrook Magnet Middle	03.126	Middle	150,042	Good
Western School of Technology/Science	03.008	Career Tech	160,349	Good
			2,828,679	
Calvert (4)				
Career and Technology Academy	04.025	Career Tech	113,354	Good
Mutual Elementary	04.002	Elementary	62,824	Superior
St. Leonard Elementary	04.021	Elementary	71,680	Superior
Sunderland Elementary	04.014	Elementary	69,494	Good
			317,352	
Caroline (2)				
Greensboro Elementary	05.001	Elementary	74,785	Good
Lockerman Middle	05.005	Middle	108,842	Superior
			183,627	
Carroll (7)				
Eldersburg Elementary	06.020	Elementary	67,823	Good
Francis Scott Key High	06.024	High	184,500	Adequate
Freedom Elementary	06.015	Elementary	58,443	Good
Mt. Airy Elementary	06.030	Elementary	58,674	Good
N. Carroll Middle	06.028	Middle	104,598	Good
New Windsor Middle	06.041	Middle	83,235	Good
Taneytown Elementary	06.016	Elementary	63,250	Good
			620,523	
Cecil (6)				
Chesapeake City Elementary	07.015	Elementary	41,027	Good
Gilpin Manor Elementary	07.016	Elementary	51,035	Good
North East Elementary	07.035	Elementary	61,396	Superior
North East High	07.040	High	123,890	Good

TABLE B: FY 2011 MAINTENANCE SURVEY RESULTS

LEA / School Name	PSC #	School Type	Area (Square Feet)	Rating
Cecil (continued)				
North East Middle	07.012	Middle	101,200	Good
Perryville Middle	07.018	Middle	102,746	Superior
			481,294	
Charles (6)				
Arthur Middleton Elementary	08.011	Elementary	76,249	Good
C. Paul Barnhart Elementary	08.034	Elementary	71,758	Superior
Eva Turner Elementary	08.019	Elementary	64,207	Good
Gen. Smallwood Middle	08.005	Middle	91,173	Good
Indian Head Elementary	08.008	Elementary	60,529	Good
Malcolm Elementary	08.024	Elementary	51,328	Good
			415,244	
Dorchester (3)				
Cambridge-South Dorchester High	09.009	High	189,050	Good
Hurlock Elementary	09.014	Elementary	50,634	Superior
Maple Elementary	09.010	Special Ed.	62,000	Superior
			301,684	
Frederick (11)				
Brunswick High	10.036	High	165,076	Adequate
Glade Elementary	10.050	Elementary	66,500	Superior
Green Valley Elementary	10.042	Elementary	51,888	Good
Kemptown Elementary	10.032	Elementary	53,800	Good
Middletown High	10.005	High	189,641	Adequate
New Market Elementary	10.030	Elementary	88,983	Good
Rock Creek Center Special-Education	10.033	Special Ed.	55,214	Good
Sabillasville Elementary	10.047	Elementary	27,000	Good
Twin Ridge Elementary	10.044	Elementary	68,900	Good
Valley Elementary	10.018	Elementary	59,989	Good
Windsor Knolls Middle	10.046	Middle	116,644	Good
			943,635	
Garrett (3)				
Northern Middle	11.009	Middle	84,008	Superior
Southern Middle	11.008	Middle	92,000	Good
Swan Meadow Elementary	11.016	Elementary/Middle	7,572	Good
			183,580	
Harford (9)				
Emmorton Elementary	12.038	Elementary	63,000	Good
Fallston Middle	12.030	Middle	130,284	Good
Fountain Green Elementary	12.033	Elementary	60,000	Good
Harford Tech High	12.008	Career Tech	218,225	Adequate
Homestead/Wakefield Elementary	12.022	Elementary	115,458	Adequate
North Harford Elementary	12.026	Elementary	49,703	Adequate
Ring Factory Elementary	12.029	Elementary	59,132	Good
Southampton Middle	12.050	Middle	188,134	Good
William Paca/Old Post Rd. Elementary	12.003	Elementary	112,417	Adequate
			996,353	
Howard (13)				
Clarksville Middle	13.031	Middle	82,151	Good
Elkridge Elementary	13.020	Elementary	98,303	Good
Forest Ridge Elementary	13.047	Elementary	81,823	Good
Hammond Elementary	13.064	Elementary	73,799	Superior

TABLE B: FY 2011 MAINTENANCE SURVEY RESULTS

LEA / School Name	PSC #	School Type	Area (Square Feet)	Rating
Howard (continued)				
Hammond High	13.016	High	197,023	Adequate
Ilchester Elementary	13.057	Elementary	75,438	Good
Long Reach High	13.055	High	234,007	Good
Manor Woods Elementary	13.052	Elementary	77,169	Good
Murray Hill Middle	13.059	Middle	106,700	Good
River Hill High	13.053	High	236,181	Good
Rockburn Elementary	13.050	Elementary	86,512	Good
Stevens Forest Elementary	13.022	Elementary	44,440	Good
Thunder Hill Elementary	13.075	Elementary	56,060	Good
			1,449,606	
Kent (1)				
Rock Hall Elementary	14.004	Elementary	54,521	Good
			54,521	
Montgomery (35)				
Arcola Elementary	15.049	Elementary	85,469	Superior
Barnsley (Lucy V.) Elementary	15.225	Elementary	72,024	Good
Bel Pre Elementary	15.206	Elementary	59,031	Adequate
Bells Mill Elementary	15.185	Elementary	77,244	Superior
Bethesda Elementary	15.015	Elementary	62,557	Good
Blake (James Hubert) High	15.226	High	297,125	Good
Candlewood Elementary	15.111	Elementary	48,543	Adequate
Carderock Springs Elementary	15.243	Elementary	75,351	Good
Cashell Elementary	15.193	Elementary	71,171	Superior
Cedar Grove Elementary	15.214	Elementary	57,037	Adequate
Churchill (Winston) High	15.053	High	322,078	Good
Einstein (Albert) High	15.031	High	276,462	Adequate
Fairland Elementary	15.098	Elementary	92,227	Adequate
Glen Haven Elementary	15.010	Elementary	85,845	Good
Highland View Elementary	15.101	Elementary	59,213	Adequate
Hoover (Herbert) Middle	15.241	Middle	135,342	Adequate
Kensington-Parkwood Elementary	15.004	Elementary	77,136	Good
Lee (Col. E. Brooke) Middle	15.064	Middle	123,199	Adequate
Magruder (Col. Zakok) High	15.045	High	295,478	Adequate
Meadow Hall Elementary	15.250	Elementary	61,964	Adequate
North Bethesda Middle	15.245	Middle	130,461	Adequate
Northwest High	15.239	High	340,867	Good
Parkland Middle	15.212	Middle	151,169	Good
Pyle (Thomas W.) Middle	15.175	Middle	153,824	Adequate
Rock Terrace SP	15.047	Special Ed.	48,024	Good
Rockwell (Lois P.) Elementary	15.173	Elementary	75,520	Good
Rosemont Elementary	15.203	Elementary	88,764	Good
Sandburg (Carl) Learning Center	15.222	Special Ed.	31,252	Adequate
Sligo Middle	15.235	Middle	149,527	Adequate
Waters Landing Elementary	15.153	Elementary	77,560	Adequate
Watkins Mill High	15.166	High	301,579	Good
West (Julius) Middle	15.127	Middle	147,223	Adequate
White Oak Middle	15.119	Middle	140,990	Adequate
Whitman (Walt) High	15.134	High	261,295	Adequate
Woodfield Elementary	15.143	Elementary	53,212	Good
			4,585,763	

TABLE B: FY 2011 MAINTENANCE SURVEY RESULTS

LEA / School Name	PSC #	School Type	Area (Square Feet)	Rating
Prince George's (35)				
Allenwood Elementary	16.205	Elementary	48,686	Good
Andrew Jackson Academy	16.197	Elementary/Middle	151,163	Adequate
Benjamin Tasker Middle	16.185	Middle	161,678	Adequate
Bradbury Heights Elementary	16.025	Elementary	79,457	Good
Carole Highlands Elementary	16.153	Elementary	54,125	Good
Catherine T. Reed Elementary	16.144	Elementary	56,889	Not Adequate
Central High	16.010	High	168,366	Adequate
Cherokee Lane Elementary	16.158	Elementary	44,319	Good
Cooper Lane Elementary	16.131	Elementary	47,370	Adequate
District Heights Elementary	16.076	Elementary	54,415	Adequate
Duval High	16.194	High	281,281	Good
Dwight D. Eisenhower Middle (re-inspection)	16.008	Middle	139,951	Adequate
Eleanor Roosevelt High	16.002	High	327,458	Good
Fairmont Heights High	16.096	High	174,128	Not Adequate
Forest Heights Elementary	16.120	Elementary	35,971	Adequate
Forestville High	16.104	High	193,222	Adequate
Fort Washington Forest Elementary	16.210	Elementary	45,648	Good
Frances R. Fuchs Early Childhood Center	16.101	Special Ed.	46,633	Good
Gwynn Park High	16.001	High	194,845	Adequate
Heather Hills Elementary	16.132	Elementary	36,825	Adequate
Hyattsville Middle	16.178	Middle	119,597	Adequate
James Ryder Randall Elementary	16.084	Elementary	70,891	Adequate
Kenmoor Elementary	16.225	Elementary	43,997	Good
Kettering Elementary	16.188	Elementary	57,651	Adequate
Lewisdale Elementary	16.049	Elementary	54,103	Adequate
Martin Luther King, Jr. Middle	16.213	Middle	127,516	Good
Paint Branch Elementary	16.018	Elementary	59,021	Adequate
Potomac Landing Elementary	16.086	Elementary	60,596	Good
Riverdale Elementary	16.079	Elementary	64,800	Adequate
Robert Goddard Montessori and French Immersion	16.181	Elementary/Middle	133,631	Adequate
Samuel Chase Elementary	16.221	Elementary	42,624	Adequate
Tall Oaks Vocational High	16.102	Career Tech	39,361	Adequate
Tayac Elementary (re-inspection)	16.023	Elementary	47,858	Adequate
University Park Elementary	16.081	Elementary	56,264	Good
Walker Mill Middle	16.196	Middle	129,348	Not Adequate
			3,449,688	
Queen Anne's (3)				
Bayside Elementary	17.021	Elementary	65,990	Good
Church Hill Elementary	17.013	Elementary	50,568	Superior
Kent Island High	17.023	High	189,785	Adequate
			306,343	
St. Mary's (4)				
Greenview Knolls Elementary	18.023	Elementary	56,528	Good
Leonardtown Elementary	18.008	Elementary	67,847	Superior
Piney Point Elementary	18.027	Elementary	57,794	Superior
Town Creek Elementary	18.015	Elementary	35,498	Good
			217,667	
Somerset (2)				
Crisfield High	19.004	High	95,548	Good
J.M. Tawes Vo-tech	19.003	Career Tech	49,500	Good
			145,048	

TABLE B: FY 2011 MAINTENANCE SURVEY RESULTS

LEA / School Name	PSC #	School Type	Area (Square Feet)	Rating
Talbot (2)				
Chapel District Elementary	20.006	Elementary	138,210	Superior
Easton High	20.002	High	186,829	Good
			325,039	
Washington (9)				
Boonsboro Middle	21.010	Middle	105,590	Good
Cascade Elementary	21.023	Elementary	54,646	Superior
Clear Spring High	21.005	High	101,662	Good
Clear Spring Middle	21.007	Middle	66,122	Good
Hancock Elementary	21.015	Elementary	37,441	Good
Hickory Elementary	21.004	Elementary	39,571	Good
Salem Avenue Elementary	21.033	Elementary	79,084	Good
Sharpsburg Elementary	21.019	Elementary	31,684	Superior
Smithsburg Middle	21.008	Middle	108,975	Good
			624,775	
Wicomico (5)				
East Salisbury Elementary	22.003	Elementary	61,889	Good
Mardela Middle/High	22.018	Middle/High	87,633	Adequate
Pittsville Elementary/Middle	22.019	Elementary/Middle	79,335	Good
Prince St. Elementary	22.014	Elementary	73,830	Superior
West Salisbury Elementary	22.029	Elementary	25,919	Good
			328,606	
Worcester (3)				
Pocomoke Middle	23.011	Elementary/Middle	87,600	Good
Snow Hill High	23.005	High	70,657	Good
Snow Hill Middle	23.009	Elementary/Middle	90,000	Good
			248,257	

Total number of schools inspected: 233

Total square footage inspected: 23,926,395

Public School Construction Program School Inspection Report

LEA Name:
School Name:

Inspection Date:
Inspector:
LEA Representative:

PSC #:
Year Constructed:
Total Adjusted Square Footage:

Site/Item (Weight)	Superior	Good	Adequate	Not Adequate	Poor	Not Applicable
1. Driveways & Parking Lots (1)						
2. Site Utilities (1)						
3. Exterior Building Appearance (1)						
4. Playground Equipment (1)						
5. Exterior Structural Condition (3)						
6. Gutters and Downspouts (2)						
7. Windows / Doors (2)						
8. Entryways & Exterior Doors (3)						
9. Roof Conditions (3)						
10. Flashing & Gravel Stop (2)						
11. Roof Drains (2)						
12. Rooftop Equipment (2)						
13. Skylights & Monitors (2)						
14. Interior Appearance & Sanitation (2)						
15. Floors (2)						
16. Walls (1)						
17. Interior Doors / Windows (2)						
20. Ceilings (1)						
21. Electrical Distribution (3)						
22. Electrical Service Equipment (3)						
23. Lighting (2)						
24. Fire & Safety (3)						
25. Equipment Rooms (2)						
26. Boilers / Water Heaters (3)						
27. Air Conditioning (1)						
28. Ventilation Equipment (3)						
29. FCUs / Radiators / Wall Units (2)						
30. Steam Distribution (2)						
31. Hot Water Distribution (2)						
32. Chilled Water Distribution (1)						
33. Plumbing						
34. Sub Structure (3)						
35. Vertical Conveyance Systems (1)						
Total Items Per Category						

Overall Rating: ()
 Superior=100-96 Good=95-86 Adequate=85-76 Not Adequate=75-66 Poor=65 and below

Asbestos Management Plan:

Emergency Preparedness Plan:

PUBLIC SCHOOL INSPECTION REPORT - COMMENTS



School Name & PSC Number:

Square Footage:

Report Date (s):

Year Constructed:

SITE/ITEM	RATING	COMMENTS	Response Requested
1		RODEWAYS & PARKING LOTS	
		LEA Response:	
2		SITE APPEARANCE	
		LEA Response:	
3		SITE UTILITIES, MARKED AND SECURED	
		LEA Response:	
4		EXTERIOR BUILDING APPEARANCE	
		LEA Response:	
5		PLAYGROUND EQUIPMENT	
		LEA Response:	
6		EXT. STRUCTURAL CONDITION	
		LEA Response:	
7		GUTTERS & DOWNSPOUTS	
		LEA Response:	
8		WINDOWS & CAULKING	
		LEA Response:	
9		SIDEWAYS	
		LEA Response:	
10		ENTRYWAYS & EXTERIOR DOORS	
		LEA Response:	
11		ROOF CONDITIONS	
		LEA Response:	
12		FLASHING & GRAVEL STOPS	
		LEA Response:	
13		ROOF DRAINS	
		LEA Response:	
14		ROOFTOP EQUIPMENT	
		LEA Response:	
15		SKYLIGHTS & MONITORS	
		LEA Response:	
16		INT. APPEARANCE & SANITATION	
		LEA Response:	
17		FLOORS	
		LEA Response:	
18		WALLS	
		LEA Response:	
19		INTERIOR DOORS & HARDWARE	
		LEA Response:	
20		CEILINGS	
		LEA Response:	
21		ELECTRICAL DISTRIBUTION	
		LEA Response:	
22		ELECTRICAL SERVICE EQUIPMENT	
		LEA Response:	
23		LIGHTING - LAMPS/BALLASTS	
		LEA Response:	
24		FIRE & SAFETY	
		LEA Response:	
25		EQUIPMENT ROOMS	
		LEA Response:	

PUBLIC SCHOOL INSPECTION REPORT - COMMENTS



School Name & PSC Number:

Square Footage:

Report Date (s):

Year Constructed:

	SITE/ITEM	RATING	COMMENTS	Response Requested
26	BOILERS, WATER HEATERS			
	LEA Response:			
27	AIR CONDITIONING			
	LEA Response:			
28	VENTILATION EQUIPMENT			
	LEA Response:			
29	FCUs/RADIATORS/WALL UNITS			
	LEA Response:			
30	STEAM DISTRIBUTION			
	LEA Response:			
31	HOT WATER DISTRIBUTION			
	LEA Response:			
32	CHILLED WATER DISTRIBUTION			
	LEA Response:			
33	PLUMBING			
	LEA Response:			
34	INTERIOR SUB-STRUCTURE			
	LEA Response:			
35	VERTICAL CONVEYANCE SYSTEM			
	LEA Response:			

ASBESTOS MANAGEMENT PLAN			
LEA Response:			
EMERGENCY PREPAREDNESS PLAN			
LEA Response:			

ADDITIONAL NOTES & COMMENTS

FY 2011 MAINTENANCE SURVEY RESULTS: A DISTRICT-BY-DISTRICT OVERVIEW

The following reports provide an overview of maintenance surveys conducted at selected schools in each Maryland public school system. Each report provides general information about the school system, a listing of the schools that were surveyed, and a brief narrative highlighting important aspects of the school system's maintenance program.

Note:

The definition of "**Adjusted Age**" of a school facility, found in the second column of the charts on the following pages, is the averaged age of the total square footage. For the purposes of calculating the Adjusted Age, renovated square footage is generally treated as new.

"**Original existing square footage**" as used in the narratives on the following pages refers to the date of first construction of the oldest remaining square footage in a facility (for example, if a school first built in 1954 received additions in 1960, 1975 and 2003, and the 1954 portion was also demolished in 2003, the original existing square footage would then date from 1960). This is to demonstrate that our older schools are being retained and are well looked after.

DRAFT

Individual school reports are available upon request.
Please contact Ms. Trina Narivanchik at 410-767-0726.

Allegany County

Three schools were inspected in April 2011. Original existing square footage at these schools dates from 1953 to 1996, with adjusted building ages ranging from 46 to 16 years at the time of inspection. The last inspections performed on these schools were in 2003 and 2004. Each of these schools is over 40 years of age. Braddock Middle School and Frost Elementary School were built in 1965 and 1967 and have had no additions or full renovations. Most of Westmar Middle School was constructed in 1953 as a high school, receiving an addition in 1965 and another very small addition in 1996 with a full renovation project. Both Braddock Middle School and Frost Middle School are nicely maintained schools given their age. Braddock Middle School would especially benefit from a major renovation but requires more immediate replacement of its roof due to significant leaking, and will most likely require replacement of its coal-fired boilers before a renovation project will be feasible.



Frost Elementary

FY 2011

- 22 total active schools in system
- Avg. Adjusted Age, all schools: 1983
- 3 schools inspected: 1 Elementary, 2 Middle
- Results:
 - ✓ 0 Superior
 - ✓ 2 Good
 - ✓ 1 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (87.42)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Braddock M.	46	Adequate	4	8	11	7	0
2. Frost E.	44	Good	15	10	4	0	0
3. Westmar M.	16	Good	7	15	5	2	2
Totals			26	33	20	9	2
Percentage of Total Ratings for System			29%	37%	22%	10%	2%

Anne Arundel County

Twenty schools were inspected in May 2011. Original existing square footage at these schools dates from 1909 to 2011, with adjusted building ages ranging from 52 years to 1 year at the time of inspection.

In general, much of the custodial care and maintenance of schools inspected this fiscal year for this LEA was found to be relatively good. Of the five schools that received "Superior" ratings, four were the most recently constructed of the inspected schools, built between 2005 and 2008, and the fifth, Severna Park Middle School, was the most recently renovated school (2010).

Certain deficiencies were observed to be recurring, having been identified in inspection reports in previous years. These include fire inspection systems not being tested annually by a certified inspector and fire extinguishers not receiving annual inspection, certification or service by a qualified provider as required by code. Required monthly visual inspections of fire extinguishers are typically still being sufficiently performed by onsite staff.

Other safety and management issues that continue to be identified at a number of surveyed schools include poor wire management such as widespread use and improper routing of extension cords and power strips, egress doors and pathways blocked by storage and improperly placed classroom equipment and materials, and completely blocked access to critical electrical and mechanical equipment. Additionally, some roofs are still not receiving sufficient inspections and preventive maintenance, although improvement was noted.

It was recommended that the School Safety Officer and the Facility Manager meet with the local Fire Marshal to discuss safety issues. Routine or more advanced safety training of school administrators and teaching staff would be beneficial. In schools where administrators were observed to be most receptive, responsive, and involved with the building's upkeep, good staff housekeeping and safety practices were more likely to be found, and the buildings were generally in much better condition.



Freetown Elementary

FY 2011

- 123 total active schools in system
- Avg. Adjusted Age, all schools: 1981
- 20 schools inspected: 14 Elementary, 3 Middle, 3 High
- Results:
 - ✓ 5 Superior
 - ✓ 8 Good
 - ✓ 7 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (89.45)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Arundel H.	21	Adequate	5	17	7	2	3
2. Arundel M.	49	Good	11	12	7	1	1
3. Benfield E.	49	Good	19	6	4	1	0
4. Brooklyn Park E.	18	Adequate	1	15	7	3	4
5. Central E.	21	Good	15	8	6	2	1
6. Chesapeake H.	32	Adequate	11	11	3	4	3
7. Eastport E.	18	Good	12	14	2	3	1
8. Edgewater E.	26	Adequate	7	11	9	5	0
9. Ferndale E.E.C.	6	Good	21	3	3	2	0
10. Fort Smallwood E.	24	Good	9	12	5	4	3
11. Freetown E.	2	Superior	26	5	2	0	0
12. Germantown E.	44	Good	11	12	3	2	3
13. Hillsmere E.	44	Adequate	2	15	8	4	0
14. Marley E.	6	Superior	22	7	0	2	0
15. Marley M.	5	Superior	28	5	0	1	0
16. North Glen E.	52	Good	5	13	7	4	0
17. Oakwood E.	47	Adequate	4	11	10	6	1
18. Pasadena E.	3	Superior	26	5	0	2	0
19. Severna Park M.	1	Superior	29	2	2	0	0
20. Southern H.	41	Adequate	4	17	8	2	2
Totals			268	201	94	49	22
Percentage of Total Ratings for System			42%	32%	15%	8%	3%

Baltimore City

Twenty-two schools were inspected in January and February 2011, including one re-inspection that was performed on a school receiving a "Not Adequate" rating in FY 2010. Original existing square footage at these schools dates from 1895 to 2002, with adjusted building ages ranging from 86 years to 1 year at the time of inspection. All but eight of the schools have an adjusted building age greater than 30 years, with five having an adjusted building age between 48 and 86 years, representative of the aging infrastructure of Baltimore City Schools.

Many of the schools inspected this year appear to have recently received small upgrades and newer equipment, and three received major renovations within the last ten years. However, a number of factors not only have a severely adverse effect on newly installed equipment but also on the general protection, care and upkeep of all of the facilities. These include the lack of sufficient and qualified maintenance personnel at the schools, the apparent inefficiency and ineffectiveness of the organizational structure with regard to facilities, the insufficiency of the maintenance budget, the lack of sufficient project oversight by the construction office, the failure to correct malfunctioning equipment immediately, and related conditions including vandalism and water penetration. Disruptions from gas leaks and lack of proper heating during the winter months were reported for several of the inspected schools.

It is the opinion of the State inspectors that the maintenance budget for this system cannot be cut further without substantially damaging the modest but noticeable progress that has been made over the past five years. The average rating for this school system is a score of 85.74, the first overall "Good" rating since the current scoring process began in 2006, but this is largely due to the high scores for Armistead Gardens PK-8 #243 and James Mosher E. #144. These two schools demonstrate that a high quality of maintenance is possible even under the adverse funding, staffing, and organizational conditions noted above.

The re-inspection of Canton Building #230 revealed that conditions had improved but many of the deficiencies remained. Until conditions at this school are addressed, safety and health issues throughout this building will remain. Lake Clifton High School received a rating of "Poor" based on a number of factors, most significantly concrete structural deficiencies.



Carver Vocational Technical High School

FY 2011

- 168 total active schools in system
- Avg. Adjusted Age, all schools: 1971
- 22 schools inspected: 7 Elementary, 10 PK-8, 3 Middle/High, 1 High, 1 Career Tech
- Results:
 - ✓ 1 Superior
 - ✓ 12 Good
 - ✓ 7 Adequate
 - ✓ 1 Not Adequate
 - ✓ 1 Poor
- Overall condition of inspected schools:
Good (85.74)

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Armistead Gardens PK-8 #243	20	Good	16	13	2	0	0
2. Bay Brook PK-8 #124A	39	Adequate	0	15	10	2	0
3. Beechfield PK-8 #246	51	Adequate	8	7	9	6	2
4. Booker T. Washington Bldg. #130	28	Not Adequate	0	12	3	7	9
5. Calverton PK-8 #075	48	Adequate	2	9	8	8	3
6. Canton Bldg. #230 (Re-inspection)	27	Adequate	0	7	18	6	0
7. Carver Vocational-Technical H. #454	1	Good	12	14	1	3	2
8. Charles Carroll Barrister E. #034	31	Good	12	16	2	0	0
9. Cross Country PK-8 #247	28	Good	10	13	6	2	0
10. Edgewood PK-5 #067	52	Good	9	6	8	6	1
11. Fairmont-Harford Bldg. #456	86	Adequate	3	10	11	8	0
12. Frederick E. #260	28	Good	9	14	5	4	0
13. James Mosher E. #144	9	Superior	20	12	1	0	0
14. Lake Clifton Bldg. #040	39	Poor	0	1	5	5	22
15. Lakeland PK-8 #012	8	Good	16	10	4	3	1
16. Langston Hughes E. #005	35	Good	10	11	8	1	0
17. Margaret Brent PK-8 #053	32	Good	13	7	2	7	0
18. North Bend PK-8 #081	37	Good	12	12	5	3	1
19. Rosemont PK-8 #063	38	Good	5	17	6	3	1
20. The Historic Samuel Coleridge-Taylor #122	39	Adequate	2	12	7	2	5
21. Thomas Jefferson PK-8 #232	16	Adequate	4	14	4	9	1
22. Windsor Hills PK-8 #087	66	Good	8	21	4	0	0
Totals			171	253	129	85	48
Percentage of Total Ratings for System			25%	37%	19%	12%	7%

Baltimore County

Twenty-five schools were inspected in February and March 2011. Original existing square footage at these schools dates from 1925 to 2008, with adjusted building ages ranging from 51 years to 1 year at the time of inspection. Consistent with findings in previous years, inspections revealed improper storage of teaching materials, files, furniture and other items in many of the surveyed schools, in some cases blocking emergency egress and access to equipment in mechanical and electrical rooms in violation of code requirements. The repetitive annual observations on this safety issue reveal a strong need for frequent safety inspections by qualified school system staff and mandatory training for the administrative, teaching and custodial staff.

Electrical distribution issues are also found to be prevalent throughout this school system, based on past and present surveys. All but seven of the schools surveyed this year are in need of additional electrical outlets in classrooms and computer areas to eliminate the excessive and hazardous use of multiple electrical power strips and residential extension cords. Six elementary schools, which contain kindergarten classrooms, have no ground fault interrupt service and present a serious safety issue in the schools where classrooms have electrical appliances near to, and in some cases fish tanks located in, sink areas. This typically can be remedied with minimal cost by a minor installation project, and this should be considered for every affected school to avoid injuries to students and staff. Six of the inspected schools have issues regarding IT wiring and the proper installation and location of computer stations. IT technicians must follow simple code-related guidelines when installing equipment and wiring in these schools.

Many of the schools in this system are receiving excellent custodial care. This is a large, older school system and many of its facilities have received numerous systemic and other small projects over several years in lieu of full renovations. The average of new or renovated square footage in this school system is 28 years in Fiscal Year 2011.



Deep Creek Middle

FY 2011

- 166 total active schools in system
- Avg. Adjusted Age, all schools: 1981
- 25 schools inspected: 15 Elementary, 5 Middle, 4 High, 1 Career Tech.
- Results:
 - ✓ 4 Superior
 - ✓ 18 Good
 - ✓ 3 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools:
Good (89.25)

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Baltimore Highlands E.	44	Good	7	21	1	2	0
2. Carney E.	26	Good	10	14	2	5	0
3. Deep Creek M.	24	Good	19	8	2	2	0
4. Dulaney High	36	Adequate	2	3	13	9	2
5. Dundalk E.	24	Good	8	15	6	1	0
6. Edgemere E.	13	Superior	20	13	0	0	0
7. Elmwood E.	51	Good	6	16	5	4	0
8. Essex E.	16	Good	20	10	2	1	0
9. Franklin H.	38	Good	11	14	3	4	1
10. Franklin M.	28	Good	9	11	8	4	1
11. Fullerton E.	35	Superior	20	7	1	1	0
12. General John Stricker M.	21	Good	10	10	5	7	0
13. Hebbville E.	44	Good	10	8	3	3	0
14. Holabird M.	3	Good	9	8	5	6	2
15. Jacksonville E.	17	Good	12	11	1	6	0
16. Johnnycake E.	46	Good	9	9	9	4	3
17. Kenwood H.	44	Adequate	4	16	6	4	5
18. Lansdowne H.	44	Adequate	1	10	16	3	0
19. Mars Estates E.	29	Good	7	17	2	3	2
20. Martin Boulevard E.	12	Superior	22	8	2	0	0
21. McCormick E.	25	Superior	20	9	2	0	0
22. Middleborough E.	50	Good	7	12	2	5	2
23. Scotts Branch E.	50	Good	8	13	2	5	0
24. Sudbrook Magnet M.	1	Good	12	16	2	1	1
25. Western School of Technology/Science	33	Good	3	22	5	2	0
Totals			266	301	105	82	19
Percentage of Total Ratings for System			34%	39%	14%	11%	2%

Calvert County

Four schools were inspected in May 2011. Existing square footage dates from 1970 to 2007, with adjusted building ages ranging from 32 to 14 years at the time of inspection. Consistent with prior year ratings, two of the four surveyed schools received Superior ratings. Excellence in overall maintenance and good planning for replacement of worn and outdated parts and systems continue to be credited for these results. Equally important is the superior custodial care and administrative leadership found in Calvert County. This school system maintains a nice balance between old and new facilities, working well with the support of the county government to replace older and outdated facilities after obtaining many years of service from their schools through good stewardship.



Mutual Elementary

FY 2011

- 26 total active schools in system
- Avg. Adjusted Age, all schools: 1990
- 4 schools inspected: 3 Elementary, 1 Career Tech.
- Results:
 - ✓ 2 Superior
 - ✓ 2 Good
 - ✓ 0 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (95.23)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Career and Technology Academy	15	Good	17	12	2	1	0
2. Mutual E.	32	Superior	19	7	1	1	0
3. St. Leonard E.	14	Superior	25	8	0	0	0
4. Sunderland E.	17	Good	19	8	7	0	0
Totals			80	35	10	2	0
Percentage of Total Ratings for System			63%	28%	8%	2%	0%

Caroline County

Two schools were inspected in March 2011. Original existing square footage at these schools dates from 1959 to 1974. These buildings had adjusted building ages of 36 and 29 years at the time of inspection. Greensboro Elementary School was built as an open classroom school in 1974 and received small additions and minor renovations in 1989 and 1995 to accommodate kindergarten and pre-kindergarten space. The original 1938 portion of Lockerman Middle School was demolished in 1977 when it received an addition and renovation of the prior 1959 and 1963 additions. Another addition was constructed in 1993. Both schools have received upgrades over the last twelve years including roof and chiller replacements, as well as numerous mechanical and electrical upgrades through QZAB and ASP funding.



Greensboro Elementary

Both schools are maintained well by custodial staff.

FY 2011

- 10 total active schools in system
- Avg. Adjusted Age, all schools: 1992
- 2 schools inspected: 1 Elementary, 1 Middle
- Results:
 - ✓ 1 Superior
 - ✓ 1 Good
 - ✓ 0 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (92.76)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Greensboro E.	36	Good	11	11	6	3	0
2. Lockerman M.	29	Superior	21	7	2	0	0
Totals			32	18	8	3	0
Percentage of Total Ratings for System			52%	30%	13%	5%	0%

Carroll County

Seven schools were inspected in December 2010. Original existing square footage at these schools dates from 1935 to 2009, with adjusted building ages ranging from 38 to 6 years at time of inspection. Two of the older schools, Eldersburg Elementary, which was built in 1970 as an open-space school and received a kindergarten addition in 2006, and Freedom Elementary, which was built in 1955 and had additions in 1964, 1975, 1995, and 2009, have never received full renovations. Mt. Airy Elementary, with the oldest sections built in 1935, was renovated in 1987, and New Windsor Middle was newly built as a replacement school in 1995.



Taneytown Elementary

Although none of the schools inspected in 2011 achieved a superior rating, it was clear that the Carroll County school facilities department continues to carefully provide routine maintenance and very good custodial care of their schools. Three of the six schools had design or construction deficiencies that negatively impacted roof conditions because of inadequate attic space ventilation and inadequate roof drainage.

FY 2011

- 43 total active schools in system
- Avg. Adjusted Age, all schools: 1988
- 7 schools inspected: 4 Elementary, 2 Middle, 1 High
- Results:
 - ✓ 0 Superior
 - ✓ 6 Good
 - ✓ 1 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (90.12)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Eldersburg E.	38	Good	13	14	2	0	0
2. Francis Scott Key H.	12	Adequate	4	16	6	6	2
3. Freedom E.	37	Good	9	14	7	3	0
4. Mt. Airy E.	24	Good	3	20	5	5	0
5. North Carroll M.	6	Good	18	7	5	1	0
6. New Windsor M.	16	Good	17	9	1	2	0
7. Taneytown E.	16	Good	18	11	1	3	0
Totals			82	91	27	20	2
Percentage of Total Ratings for System			37%	41%	12%	9%	1%

Cecil County

Six schools were inspected in October 2010. Original existing square footage at these schools dates from 1928 to 2008, with adjusted building ages ranging from 60 to 3 years. Four of the five schools have some existing square footage constructed between 1928 and 1952. The newest school, North East High School, was constructed in 1970. This school system provides excellent care of its schools and has proven to be a very responsible steward of state and local capital investments.



North East Elementary

FY 2011

- 29 total active schools in system
- Avg. Adjusted Age, all schools: 1987
- 6 schools inspected: 3 Elementary, 2 Middle, 1 High
- Results:
 - ✓ 2 Superior
 - ✓ 4 Good
 - ✓ 0 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (93.21)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Chesapeake City E.	59	Good	13	12	5	1	0
2. Gilpin Manor E.	30	Good	10	16	4	1	0
3. North East E.	9	Superior	24	5	0	1	0
4. North East H.	41	Good	8	14	4	3	0
5. North East M.	60	Good	15	15	1	2	0
6. Perryville M.	3	Superior	29	3	1	0	0
Totals			99	65	15	8	0
Percentage of Total Ratings for System			53%	35%	8%	4%	0%

Charles County

Six schools were inspected in April 2011. Original existing square footage at these schools dates from 1953 to 2009, with adjusted building ages ranging from 34 to 16 years at the time of inspection. Construction of kindergarten/ pre-kindergarten additions was in progress at three of the schools.

Charles County's public schools receive a very high level of custodial care and building maintenance. Buildings and sites are generally very clean and neat. However, several of the individual systems at these schools, such as roof and HVAC, were found to be aged. At the time, replacements of some of these systems were not scheduled until several years into the future.

As previously reported, this LEA has historically focused on building new capacity rather than renovating existing facilities due to, in part, the annual large increases in enrollments. This has resulted in noticeable differences of quality in the educational environment of the old and new schools. Renovations, upgrades or system replacements for aging infrastructure would better equalize the physical learning environments, as well as allow for more efficient and economical use of their maintenance resources. Upgrades of existing schools would also provide energy cost savings over time.

A few deficient items affecting health and safety in the inspected schools could be addressed with relatively small financial investment: sufficient asbestos management records were not found onsite at half of the schools, an issue that was noted in the previous year report; some of the schools had no ground fault interrupt service near wet areas, which presents a serious safety issue; and two of the schools did not have vented exhaust for cooking stations that were not located in the kitchen.



C. Paul Barnhart Elementary

FY 2011

- 37 total active schools in system
- Avg. Adjusted Age, all schools: 1989
- 6 schools inspected: 5 Elementary, 1 Middle
- Results:
 - ✓ 1 Superior
 - ✓ 5 Good
 - ✓ 0 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (93.26)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Arthur Middleton E.	34	Good	17	10	2	1	0
2. C. Paul Barnhart E.	16	Superior	19	10	3	0	0
3. Eva Turner E.	27	Good	19	6	5	1	0
4. General Smallwood M.	32	Good	11	12	7	2	0
5. Indian Head E.	32	Good	16	10	2	1	0
6. Malcolm E.	27	Good	18	12	2	1	0
Totals			100	60	21	6	0
Percentage of Total Ratings for System			53%	32%	11%	3%	0%

Dorchester County

Three schools were inspected in March 2011. Original existing square footage at these schools dates from 1976 for two of the schools and 1982 for the other school. At the time of the inspection, the 1982 school had an adjusted age of 26 years due to small additions in 1990 and 1996 while the two 1976 schools had no age adjustment. None of the schools have had full renovations, although they have received many system upgrades and replacements. Most of these projects have utilized ASP and QZAB funding; these popular programs continue to be important funding resources for the LEAs. Cambridge/South Dorchester High School has particularly benefited from many of these small projects. However, in the 2011 survey, it received poor ratings for three issues: the greatly deteriorated condition of its track and athletic field house, the excessive amount of storage and wall display clutter, and the dangerous storage practices and other safety issues. Hurlock and Maple Elementary Schools received commendations for being very well maintained and for the attention given to the facilities by the school administrators and communities.



Hurlock Elementary

FY 2011

- 14 total active schools in system
- Avg. Adjusted Age, all schools: 1984
- 3 schools inspected: 1 Elementary, 1 High, 1 Special Ed.
- Results:
 - ✓ 2 Superior
 - ✓ 1 Good
 - ✓ 0 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (93.32)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Cambridge/South Dorchester H.	35	Good	8	11	6	3	3
2. Hurlock E.	26	Superior	25	4	2	0	0
3. Maple E.	35	Superior	23	8	0	0	0
Totals			56	23	8	3	3
Percentage of Total Ratings for System			74%	26%	0%	0%	0%

Frederick County

Eleven schools were inspected in December 2010. Original existing square footage at these schools dates from 1933 to 2008, with adjusted building ages ranging from 44 to 17 years at the time of inspection. Considerable advances were observed this year in increased roofing inspections, roofing maintenance and the number of roofing replacements which were completed and/or scheduled for replacement. However, a number of adverse roof conditions were still found, such as leaking seams at gutters, parapet/wall flashing separation, the need for roof replacement at two of the schools, and a serious rain leader leak at Windsor Knolls Middle School. A large number of stained ceiling tiles were also observed at Brunswick High School and Middletown High School; this is a concern since it is generally an indication of serious or long-standing leaks and/or mechanical or plumbing deficiencies, and because of the possible development of mold and mildew. Two issues at Middletown High School, leaks at outside HVAC air dampers on the windward side of the school, and condensation or valve leaks throughout, are causing much of this damage, and may be due to design or construction flaws.

Notwithstanding the items noted, Frederick County Public Schools is considered to have excellent facility and maintenance staff who are very attentive to the needs of their facilities. The majority of the surveyed schools were also found to be receiving excellent custodial care.



New Market Elementary

FY 2011

- 68 total active schools in system
- Avg. Adjusted Age, all schools: 1988
- 11 schools inspected: 7 Elementary, 1 Middle, 2 High, 1 Special Ed.
- Results:
 - ✓ 1 Superior
 - ✓ 8 Good
 - ✓ 2 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (90.21)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Brunswick H.	41	Adequate	4	14	11	3	1
2. Glade E.	16	Superior	23	6	2	1	0
3. Green Valley E.	40	Good	13	15	4	0	0
4. Kemptown E.	30	Good	14	9	3	4	0
5. Middletown H.	31	Adequate	3	13	9	4	3
6. New Market E.	22	Good	20	9	1	2	0
7. Rock Creek Center	39	Good	6	17	4	3	0
8. Sabillasville E.	44	Good	20	10	0	1	0
9. Twin Ridge E.	19	Good	16	12	0	4	0
10. Valley E.	41	Good	16	7	6	1	0
11. Windsor Knolls M.	17	Good	5	21	2	5	0
Totals			140	133	42	28	4
Percentage of Total Ratings for System			40%	38%	12%	8%	1%

Garrett County

Three schools were inspected in April 2011. Original existing square footage at these schools dates from 1958 to 2009, with adjusted building ages ranging from 34 to 2 years at the time of inspection. These schools were found to be in very nice overall condition, although some minor maintenance repairs were needed and a few much needed equipment replacement projects were pending. Custodial maintenance and onsite upkeep are at a high level. Northern Middle School, constructed in 1978 as an open-space classroom school, received an addition and total renovation that enclosed the classrooms in 2009. Garrett County Public Schools is commended for transforming this facility into a well-designed school, constructed apparently with excellent oversight as there do not appear to be any residual construction issues. It is beautifully maintained. Southern Middle was constructed in 1997, similarly with open-space classrooms but with partitions subsequently installed. It houses a boiler and a chiller that supply heating and cooling via underground piping to the adjacent Broad Ford Elementary School as well as for its own use. Swan Meadow Elementary School, a small community-based school dating from 1958 and partially renovated when an addition was constructed in 2009, is equally well-maintained but has a ground water penetration problem at the exterior door in the basement.



Southern Middle

FY 2011

- 16 total active schools in system
- Avg. Adjusted Age, all schools: 1986
- 3 schools inspected:
 - 1 Elementary/Middle, 2 Middle
- Results:
 - ✓ 1 Superior
 - ✓ 2 Good
 - ✓ 0 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (94.88)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Northern M.	2	Superior	29	2	0	0	0
2. Southern M.	34	Good	17	7	4	0	2
3. Swan Meadow E.	14	Good	12	15	1	1	0
Totals			58	24	5	1	2
Percentage of Total Ratings for System			64%	27%	6%	1%	2%

Harford County

Eight schools were inspected in January 2011. Original existing square footage at these schools dates from 1956 to 2006, with adjusted building ages ranging from 47 to 17 years at the time of inspection. None of the surveyed schools are new and the only one that has been renovated is William Paca/Old Post Road Elementary School, initially constructed in 1956 and renovated 36 years ago.

Maintenance at the schools inspected this year continues to be an advancement over previous years, although the need for improvement regarding numerous health and safety issues is still apparent. Frequent and hands-on training, as well as steady oversight, is needed for the school administration and teaching staff to alleviate health and safety hazards and conditions.

At the Harford County Technical High School it was found that the heating return lines were not properly replaced with the addition/renovation project in 1999. Improperly gauged copper pipe was installed, and consequently pipes are leaking and failing, causing flooding and other damage. This failure is costly to repair and could potentially cause problems with indoor air quality due to mold and mildew. This is a good example of the need for vigilant design and construction oversight.



Fallston Middle

FY 2011

- 53 total active schools in system
- Avg. Adjusted Age, all schools: 1988
- 9 schools inspected: 6 Elementary, 2 Middle, 1 Career Tech.
- Results:
 - ✓ 0 Superior
 - ✓ 5 Good
 - ✓ 4 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools **Good (86.76)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Emmorton E.	17	Good	11	16	4	0	0
2. Fallston M.	17	Good	11	17	2	3	0
3. Fountain Green E.	18	Good	10	13	2	4	0
4. Harford Tech H.	25	Adequate	4	18	4	4	2
5. Homestead/Wakefield E.	47	Adequate	0	16	9	6	1
6. North Harford E.	27	Adequate	1	12	8	7	1
7. Ring Factory E.	21	Good	11	8	6	3	1
8. Southampton M.	40	Good	12	13	5	1	0
9. William Paca/Old Post Rd. E.	40	Adequate	1	10	12	10	0
Totals			61	123	52	38	5
Percentage of Total Ratings for System			22%	44%	19%	14%	2%

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Howard County

Thirteen schools were inspected in June 2011. Original existing square footage at these schools dates from 1970 to 2011, with adjusted building ages ranging from less than 35 years to 1 year at the time of inspection. Two of the schools had 75% or more unrenovated original 1970s square footage and one of those, Stevens Forest Elementary, was undergoing a renovation/ addition that was expected to be complete in the summer of 2013. Three of the schools originally date from the 1970s but had been or were being renovated in 2008 through 2011. The remaining eight schools have 80% or more of their square footage dating from the original construction (1992 to 1997).

Custodial care in Howard County appears to be high and schools were typically very clean. The schools surveyed this year generally appear to receive good maintenance service, with a thorough and timely approach to work order system reporting, tracking and management. Routine equipment inspection and maintenance service is performed with dated and protected maintenance logs/tags displayed onsite. For a number of years, an annual electrical switchgear evaluation program has been operated through the Maryland Association of Boards of Education (MABE) Office of Risk Management. The LEA reported that a countywide building HVAC balancing program was being initiated to improve system efficiency.

All of these programs have greatly contributed to Howard County's overall success in maintaining their schools. Nevertheless, there are certain areas in which significant improvements are needed. It was reported that fire extinguishers in all county public schools were maintained and certified by a only a single school system employee, resulting in the required monthly visual inspections being overdue in some of the schools by up to three months; understaffing appears to be an issue. Roofing systems did not appear to receive adequate preventive maintenance care even when personnel had already been onsite performing reactive maintenance servicing. Unsafe storage practices were observed in many of the schools, including blocked access to utility shut-offs and fire extinguishers, and obstructed egress from classrooms and other areas; these conditions do not appear to be the result of custodial actions but rather of the teaching staff. Lastly, moderate

to severe deterioration of the brick, concrete and mortar was observed on the exterior free-standing masonry walls at six of the thirteen surveyed schools; this particular concern, which may pose potential safety and/or cost risks, may be attributable to either design or construction errors, or to both. HCPSS reported in their response that these issues are being addressed.



Long Reach High

FY 2011

- 73 total active schools in system
- Avg. Adjusted Age, all schools: 1994
- 13 schools inspected: 8 Elementary, 2 Middle, 3 High
- Results:
 - ✓ 1 Superior
 - ✓ 11 Good
 - ✓ 1 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools:
Good (91.50)

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Clarksville M.	3	Good	16	12	1	2	0
2. Elkridge E.	16	Good	14	9	5	4	0
3. Forest Ridge E.	17	Good	19	8	3	2	0
4. Hammond E.	1	Superior	20	7	2	0	0
5. Hammond H.	31	Adequate	7	13	3	3	5
6. Ilchester E.	14	Good	11	15	5	1	0
7. Long Reach H.	15	Good	21	9	1	1	1
8. Manor Woods E.	16	Good	8	13	4	4	0
9. Murray Hill M.	14	Good	20	10	2	0	0
10. River Hill H.	17	Good	16	10	5	2	0
11. Rockburn E.	16	Good	14	9	4	3	0
12. Stevens Forest E.	35	Good	11	10	4	1	3
13. Thunder Hill E.	1	Good	15	4	5	5	0
Totals			192	129	44	28	9
Percentage of Total Ratings for System			48%	32%	11%	7%	2%

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Kent County

One school was inspected in October 2010. Original existing square footage at Rock Hall Elementary School dates from 1950 with an adjusted building age of 47 years at the time of inspection as a result of two additions. The original 1915 square footage was demolished in 2003. This nicely maintained older facility, located in the center of Rock Hall, previously served as the middle school for the community. (Since the date of this report, the educational program has been relocated to another facility and the original elementary school is now used for administrative purposes.) The school never received a major renovation, but had a systemic HVAC renovation project in 2002, new windows and exterior doors installed in 2004, a small carpet replacement project in 2006, QZAB projects in 2009 and 2012 for computer equipment and a wireless upgrade, and an ASP project in 2011 for access control, all with State funding. The staff and administration took very good care of this school and their pride showed throughout the building. However, the roof, installed in 1998 and 12 years old at the time of the inspection, showed active leaks and the need for a more proactive preventive maintenance effort to prevent eventual premature failure.



Rock Hall Elementary

FY 2011

- 7 total active schools in system
- Avg. Adjusted Age, all schools: 1977
- 1 school inspected: 1 Elementary
- Results:
 - ✓ 0 Superior
 - ✓ 1 Good
 - ✓ 0 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (89.83)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Rock Hall E.	47	Good	10	13	4	2	0
Totals			10	13	4	2	0
Percentage of Total Ratings for System			34%	45%	14%	7%	0%

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Montgomery County

Thirty-five schools were inspected in October and November of 2010. Original existing square footage at these schools dates from 1950 to 2011, with adjusted building ages ranging from 48 years to 1 year at the time of inspection.

Generally, the same types of deficiencies were found in FY 2011 as in the prior four years of inspections. Repeated observations include delays in repairs to roofs and a lack of routine roof maintenance at some schools, although the frequency and scheduling of roof inspections has improved. Of note are the numerous schools with stained ceilings that appear to be due to disregarded or unresolved roof and/or condensation and valve leaks, with some ceilings showing discoloration that strongly suggests mold presence. This needs additional attention by MCPS because mold can become a very serious health hazard if not treated promptly. Serious indoor air quality issues were suspected at Walt Whitman High School for this and possibly other reasons. Also referenced in a prior annual report, an appearance of neglect was observed at schools such as Bel Pre Elementary School where replacement projects are planned for future years.

As noted in inspection reports in previous years, a majority of the schools inspected this year have no evidence of receiving monthly visual inspections of fire extinguishers as required in the fire code, and a number of the schools did not have the required asbestos management plans available onsite. Although it appears that efforts are being made by MCPS to address these and other safety issues, it is strongly recommended that schools receive increased and routine monitoring and assessment, and sufficient training be provided to all staff.

Although Montgomery County Public Schools shares many of the same maintenance issues with the other large school systems in Maryland, this system has a very good maintenance program and appears to have a well-planned system replacement program. MCPS consistently presents a CIP request to the State that is well balanced between large school replacement and renovation/addition projects, and small system replacement, usually roof or HVAC, requests.



Walt Whitman High

FY 2011

- 209 total active schools in system
- Avg. Adjusted Age, all schools: 1989
- 35 schools inspected:
 - 18 Elementary, 8 Middle, 7 High,
 - 2 Special Ed
- Results:
 - ✓ 3 Superior
 - ✓ 14 Good
 - ✓ 18 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools:
Good (85.93)

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Arcola E.	4	Superior	26	5	1	2	0
2. Barnsley (Lucy V.) E.	39	Good	7	12	3	6	2
3. Bel Pre E.	33	Adequate	3	10	11	5	2
4. Bells Mill E.	2	Superior	24	4	0	1	0
5. Bethesda E.	12	Good	12	12	4	4	1
6. Blake (James Hubert) H.	13	Good	19	6	0	5	2
7. Candlewood E.	40	Adequate	2	16	5	7	0
8. Carderock Springs E.	1	Good	25	2	1	4	0
9. Cashell E.	2	Superior	25	7	0	0	1
10. Cedar Grove E.	24	Adequate	3	15	11	3	0
11. Churchill (Winston) H.	11	Good	15	12	0	6	1
12. Einstein (Albert) H.	14	Adequate	6	11	4	9	4
13. Fairland E.	12	Adequate	0	13	7	7	3
14. Glen Haven E.	8	Good	19	8	3	2	0
15. Highland View E.	17	Adequate	4	10	8	7	4
16. Hoover (Herbert) M.	39	Adequate	2	10	14	7	2
17. Kensington-Parkwood E.	5	Good	21	8	1	4	0
18. Lee (Col. E. Brooke) M.	45	Adequate	4	14	6	9	0
19. Magruder (Col. Zadok) H.	28	Adequate	5	14	5	8	2
20. Meadow Hall E.	15	Adequate	8	12	3	6	3
21. North Bethesda M.	12	Adequate	3	7	10	12	0
22. Northwest H.	11	Good	13	11	6	2	0
23. Parkland M.	4	Good	21	6	0	5	0
24. Pyle (Thomas W.) M.	15	Adequate	2	11	8	8	4
25. Rock Terrace SP	37	Good	6	14	11	1	0
26. Rockwell (Lois P.) E.	18	Good	14	9	3	6	0
27. Rosemont E.	12	Good	10	13	4	4	1
28. Sandburg (Carl) Learning Center	48	Adequate	1	5	11	10	4
29. Sligo M.	20	Adequate	4	14	10	5	0
30. Waters Landing E.	23	Adequate	9	7	6	11	0
31. Watkins Mill H.	21	Good	9	15	3	7	0
32. West (Julius) M.	18	Adequate	5	15	7	5	2
33. White Oak M.	18	Adequate	0	11	11	9	2
34. Whitman (Walt) H.	18	Adequate	2	9	10	7	5
35. Woodfield E.	26	Good	7	17	5	3	0
Totals			336	365	192	197	45
Percentage of Total Ratings for System			30%	32%	17%	17%	4%

Prince George's County

Thirty-three schools were inspected in August and September 2010. Original square footage at these schools dates from 1938 to 2007, with adjusted building ages ranging from 57 to 16 years at the time of inspection. Of these, twenty-eight schools had an adjusted age of thirty years or greater. Prince George's County has the third oldest facilities in the State; only Kent County and Baltimore City have an older average age of square footage.

An unreasonable percentage of buildings were found to not be in "ready" condition to open for the school year. A large number of items that are typically correctable over the summer break were not addressed; these include replacement of stained ceiling tiles, removal of improperly stored materials from storage closets and the top surfaces of unit ventilators, cut-back of trees overhanging roofs, cleaning of roof drains and removal of debris from roofs, and repair of air conditioning equipment and plumbing deficiencies. The grounds and facility exteriors were not maintained until after school had begun; many of the schools had faulty or broken cleaning and grounds-keeping equipment which should have been repaired and used over the summer months. Also, rectification of the lack of proper and working fire suppression and other safety devices, as well as the total lack of emergency preparedness and evacuation procedures and instruction were not addressed, although these are essential for providing a safe environment.

These items are not new to the inspection process and the same issues have appeared in prior year inspection reports, regardless of what time of year inspections were performed. Additionally, many health issues were uncovered this year such as mold and mildew on walls, ceilings and equipment in the buildings, filters not being replaced in heating and air conditioning equipment, unrepaired non-operational exhaust fans in the restrooms, and a multitude of leaks from faulty and unsatisfactorily installed or maintained equipment left unaddressed. These issues can all create air quality problems in buildings and should not be allowed to remain.

The two re-inspections, completed in February 2011, found that at least eight areas of deficiency noted in the first inspection of each school were not corrected by the time of the re-inspection. Of these, four were misreported as corrected or in the process of being corrected prior to the re-inspection.

Although at the time of the inspections there appeared to be a disregard for the maintenance of the buildings, the previous inspection findings, and the safety and well-being of the staff and students that use them, PGCPSS responded promptly and vigorously to our correspondence and the school

reports, reorganizing their maintenance and plant

management departments under one group, replacing leadership in these areas, revamping their internal inspection programs, expanding their preventive maintenance efforts, and standardizing staff training. Frequent hands-on safety training needs to be routinely given to the principals and staff at all schools as well. Contract services should also be reviewed, and oversight of work must be maintained so that the services provided are satisfactorily completed prior to annual, monthly or final payments are made.

These deficiencies have a significant impact on the health and safety of building occupants. Resolution of the majority of these issues depends on good preventive maintenance and facility management practices rather than on capital investments.



Benjamin Tasker Middle

FY 2011

- 197 total active schools in system
- Avg. Adjusted Age, all schools: 1979
- 35 schools inspected:
20 Elementary, 5 Middle, 6 High,
1 Career Tech., 1 Special Ed., 2 PK-8
- Results:
 - ✓ 0 Superior
 - ✓ 12 Good
 - ✓ 20 Adequate
 - ✓ 3 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools:
Adequate (82.73)

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Allenwood E.	37	Good	2	17	9	1	0
2. Andrew Jackson Academy	40	Adequate	2	13	5	10	3
3. Benjamin Tasker M.	41	Adequate	4	6	8	13	1
4. Bradbury Heights E.	20	Good	5	14	10	4	0
5. Carole Highlands E.	16	Good	3	17	8	4	0
6. Catherine T. Reed E.	42	Not Adequate	0	4	5	9	13
7. Central H.	28	Adequate	2	5	10	12	3
8. Cherokee Lane E.	48	Good	13	16	2	0	0
9. Cooper Lane E.	44	Adequate	3	7	10	9	1
10. District Heights E.	31	Adequate	6	7	11	5	1
11. Duval H.	33	Good	6	17	6	3	0
12. Dwight D. Eisenhower M. (Re-inspection)	41	Adequate	1	9	9	5	7
13. Eleanor Roosevelt H.	36	Good	5	16	5	7	0
14. Fairmont Heights H.	51	Not Adequate	2	7	9	8	6
15. Forest Heights E.	57	Adequate	3	6	10	11	2
16. Forestville H.	17	Adequate	3	17	4	6	4
17. Fort Washington Forest E.	48	Good	6	8	10	5	0
18. Frances R. Fuchs Special Education	28	Good	16	13	1	0	0
19. Gwynn Park H.	36	Adequate	0	13	11	9	0
20. Heather Hills E.	41	Adequate	1	7	16	6	0
21. Hyattsville M.	38	Adequate	5	7	9	12	0
22. James R. Randall E.	32	Adequate	2	14	9	7	0
23. Kenmoor E.	45	Good	9	7	11	1	1
24. Kettering E.	38	Adequate	1	9	10	9	1
25. Lewisdale E.	30	Adequate	5	7	8	7	4
26. Martin Luther King Jr. M.	33	Good	17	11	2	2	0
27. Paint Branch E.	39	Adequate	4	11	11	2	1
28. Potomac Landing E.	33	Good	11	15	3	2	0
29. Riverdale E.	33	Adequate	3	12	10	4	2
30. Robert Goddard Montessori and French Immersion	47	Adequate	4	14	8	4	4
31. Samuel Chase E.	47	Adequate	2	13	9	5	1
32. Tall Oaks H.	27	Adequate	2	11	12	5	2
33. Tayac E. (Re-inspection)	44	Adequate	2	9	8	5	6
34. University Park E.	30	Good	7	15	5	3	1
35. Walker Mill M.	41	Not Adequate	2	4	5	16	5
Totals			159	378	279	211	69
Percentage of Total Ratings for System			15%	34%	25%	19%	6%

Queen Anne's County

Three schools were inspected in March and April 2011. Original existing square footage at these schools dates from 1916 to 1998, with adjusted building ages of 13 (as a result of additions and renovations at the oldest school) and 20 years at the time of inspection. Church Hill Elementary School, the oldest school inspected this year, is very well maintained and received a Superior rating. This is a lovely example of an older school in an established older community. Built in 1916 with additions in 1954 and 1971, it was renovated in 1998 when another addition was constructed.



Church Hill Elementary

The other two schools surveyed had serious roofing issues and staff was unable to locate and utilize roof warranties even though the roof on one of the schools, Bayside Elementary School, was replaced as recently as 2009. These conditions can lead to indoor air quality issues and damages to finishes and systems if they are left unrepaired. Additionally, Kent Island High School, built in 1998, was observed to have several construction defects, including poor roof installation, as well as safety and damage issues attributable to the construction defects, to delayed correction of deteriorated or damaged building components, and to educational staff activities. Many of these issues are reported by the school system to have been corrected.

FY 2011

- 14 total active schools in the system
- Avg. Adjusted Age, all schools: 1996
- 3 schools inspected: 2 Elementary, 1 High
- Results:
 - ✓ 1 Superior
 - ✓ 1 Good
 - ✓ 1 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (86.93)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Bayside E.	20	Good	11	12	2	3	3
2. Church Hill E.	13	Superior	21	12	0	0	0
3. Kent Island H.	13	Adequate	1	17	2	3	10
Totals			33	41	4	6	13
Percentage of Total Ratings for System			34%	42%	4%	6%	13%

St. Mary's County

Four schools were inspected in April and May 2011. Original existing square footage at these schools dates from 1954 to 2008 with an adjusted building age ranging from 39 to 3 years at the time of the inspections. All of these schools have older square footage and have received multiple additions over time. One of the schools, Greenview Knolls Elementary School, was built in 1965 and has never been renovated, although it received four additions and an HVAC replacement project was planned at the time of inspection. Town Creek Elementary School, built in 1968, received additions in 1964, 1981, 2002, and 2006 but has never had a full renovation except for a project of 10,000 square feet in 1981.



Leonardtown Elementary

St. Mary's County does an excellent job of maintaining its older school infrastructure while adding new square footage to accommodate an increasing school population. Overall, the square footage of schools in this system is relatively new. St. Mary's has been in the top five Maryland school systems with the newest age of square footage; the average age of their schools is between ten and twelve years above the statewide average. St. Mary's County has a very nice balance of old and new facilities, and clearly benefits from the school system's excellent planning and good stewardship of its schools.

FY 2011

- 26 total active schools in system
- Avg. Adjusted Age, all schools: 1995
- 4 schools inspected: 4 Elementary
- Results:
 - ✓ 2 Superior
 - ✓ 2 Good
 - ✓ 0 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (94.16)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Greenview Knolls E.	37	Good	20	9	3	1	0
2. Leonardtown E.	3	Superior	27	3	0	0	0
3. Piney Point E.	14	Superior	23	3	3	1	0
4. Town Creek E.	39	Good	13	10	6	5	0
Totals			83	25	12	7	0
Percentage of Total Ratings for System			65%	20%	9%	6%	0%

Somerset County

Two schools were inspected in March 2011. Original existing square footage at these schools dates from 1952 to 2008 at Crisfield High School and from 1976 at J. M. Tawes Vo-Tech, with respective adjusted building ages of 14 and 35 years.

Crisfield High School, renovated when an addition was constructed in 1997, was found to have health and safety issues that needed to be addressed, including numerous stained ceiling tiles, some appearing to contain mold; blocked electrical equipment, fire extinguishers and exits; and improperly stored materials. Significant structural cracking of the masonry walls, most extensively found in the Gym, needed additional investigation and, at a minimum, monitoring to determine if the structural problem is progressive. A separate athletic storage building was constructed in 2008 with State funding.

J. M. Tawes Vo-Tech has not undergone a building renovation since it was constructed in 1976, although the HVAC and roof systems were replaced in 2001 and 2002, respectively. This school shares the facility with the offices of the Somerset County Board of Education and is very well maintained by the maintenance and custodial staff.



Crisfield High

FY 2011

- 10 total active schools in system
- Avg. Adjusted Age, all schools: 1990
- 2 schools inspected: 1 High, 1 Career Tech.
- Results:
 - ✓ 0 Superior
 - ✓ 2 Good
 - ✓ 0 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (91.98)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Crisfield H.	14	Good	14	12	3	3	1
2. J. M. Tawes Vo-Tech	35	Good	19	7	2	0	0
Totals			33	19	5	3	1
Percentage of Total Ratings for System			54%	31%	8%	5%	2%

Talbot County

Two schools were inspected in April 2011. Original existing square footage at these schools dates from 1952 to 2001 at Chapel District Elementary and 1966 to 1999 at Easton High School, with adjusted building ages as a result of renovations and additions of 17 and 14 years, respectively.

Easton High School was renovated and added to in 1997 with more additions completed in 1999. One addition was an automotive technology center which was completed with private funding, and the other addition houses an auxiliary gym and weight room. ASP funding was provided to replace the exterior lighting in 1998, renovate the aging track in 1999, and install a new green house in 2006. The Chapel District Elementary School was renovated in 1994 with an additional 30,477 square feet constructed at that time. Two more additions were added in 2000 and 2001 for a day care center and two kindergarten classrooms. ASP funding was provided for a playground addition in 2006 and, recently, for replacement of the telephone system. Both schools are very well maintained and have been well cared for over the years.

Talbot County consistently earns high maintenance ratings. Over the last five years, Talbot County schools have earned three Superior and three Good ratings for the six schools surveyed.



Chapel District Elementary

FY 2011

- 9 total active schools in system
- Avg. Adjusted Age, all schools: 2000
- 2 schools inspected: 1 Elementary, 1 High
- Results:
 - ✓ 1 Superior
 - ✓ 1 Good
 - ✓ 0 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (95.30)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Chapel District E.	17	Superior	17	12	1	0	0
2. Easton H.	14	Good	15	17	1	0	0
Totals			32	29	2	0	0
Percentage of Total Ratings for System			51%	46%	3%	0%	0%

Washington County

Nine schools were inspected in April 2011. Original existing square footage at these schools dates from 1924 to 2006, with adjusted building ages ranging from 57 to 6 years. Schools inspected this year were in very good condition with the two oldest buildings, which have portions that were constructed in 1924 and 1936, receiving Superior ratings.



Cascade Elementary

All of the surveyed schools in Washington County receive very high quality onsite maintenance and custodial services. Cascade Elementary School and Sharpsburg Elementary School are exceptionally well maintained. Salem Elementary School, which was fully renovated in 2005 with the construction of a large addition, is a beautiful school, although better oversight by the administration is recommended to prevent finishes from being prematurely damaged by the attachment of an excessive amount of items to wall and ceiling surfaces. WCPS has produced a “Safe Classroom Teacher Self Checklist” to promote safety in schools, and has indicated that it has been provided to all of the schools.

FY 2011

- 47 total active schools in system
- Avg. Adjusted Age, all schools: 1983
- 9 schools inspected: 5 Elementary, 3 Middle, 1 High
- Results:
 - ✓ 2 Superior
 - ✓ 7 Good
 - ✓ 0 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (93.16)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Boonsboro M.	35	Good	9	11	3	6	0
2. Cascade E.	57	Superior	23	7	0	0	0
3. Clear Spring H.	34	Good	18	9	2	1	0
4. Clear Spring M.	32	Good	16	13	1	0	0
5. Hancock E.	34	Good	16	13	2	0	1
6. Hickory E.	36	Good	10	17	0	4	0
7. Salem Avenue E.	6	Good	23	2	3	1	3
8. Sharpsburg E.	28	Superior	21	10	0	0	0
9. Smithsburg M.	35	Good	18	11	0	2	0
Totals			136	82	11	12	4
Percentage of Total Ratings for System			56%	33%	4%	5%	2%

Wicomico County

Five schools were inspected in March 2011. Original square footage at these schools dates from 1942 to 2008, with adjusted building ages ranging from 47 to 3 years. Except for West Salisbury Elementary, each of these schools has received renovations and additions over the years, and three of the schools have received a number of equipment upgrades and replacements through CIP and ASP funding. The custodial and maintenance staffs have maintained these schools very well.

West Salisbury Elementary School is a small school, built in 1964, with a number of portable classroom buildings on its site. East Salisbury Elementary School, which is the oldest of the inspected buildings and still has a slate roof over the original section, was constructed in 1942 with several subsequent additions. Both schools will greatly benefit from planned replacement and renovation projects, although the maintenance and upkeep has been very good.

Wicomico County facilities staff does an exceptional job of planning for future projects that will consistently update their school inventory while balancing capital needs with local budget considerations.



Prince Street Elementary

FY 2011

- 24 total active schools in system
- Avg. Adjusted Age, all schools: 1988
- 5 schools inspected: 3 Elementary, 1 Elementary/Middle, 1 Middle/High
- Results:
 - ✓ 1 Superior
 - ✓ 3 Good
 - ✓ 1 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (90.40)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. East Salisbury E.	35	Good	5	16	10	1	0
2. Mardela M./H.	32	Adequate	6	10	9	6	0
3. Pittsville E./M.	31	Good	16	14	1	0	0
4. Prince St. E.	3	Superior	24	5	2	1	0
5. West Salisbury E.	47	Good	8	18	1	4	0
Totals			59	63	23	12	0
Percentage of Total Ratings for System			38%	40%	15%	8%	0%

Worcester County

Three schools were inspected in March 2011. Original existing square footage at these schools dates from 1958 to 1970, reflecting adjusted building ages of 41 to 29 years. Of the three schools inspected this year, only Snow Hill High, the oldest of the three, has received a complete building renovation, and that occurred in 1982.

All three surveyed schools were in a similarly well maintained condition. Pocomoke Middle School and Snow Hill Middle School were both constructed in 1970 and, while never fully renovated, have received improvements through systemic renovation projects such as roofing and HVAC replacements as well as numerous small QZAB and ASP projects. Along with Berlin Intermediate School, which was also constructed in 1970 and has never received a complete renovation, these two schools are now over forty years old and long-term planning for renovations should be under consideration



Snow Hill Middle

FY 2011

- 14 total active schools in system
- Avg. Adjusted Age, all schools: 1987
- 3 schools inspected: 2 Middle, 1 High
- Results:
 - ✓ 0 Superior
 - ✓ 3 Good
 - ✓ 0 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (89.75)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Pocomoke M.	41	Good	9	13	6	1	0
2. Snow Hill H.	29	Good	8	14	5	3	0
3. Snow Hill M.	40	Good	9	14	4	1	0
Totals			26	41	15	5	0
Percentage of Total Ratings for System			30%	47%	17%	6%	0%

Maintenance of Maryland's Public School Buildings

STATE OF MARYLAND
PUBLIC SCHOOL CONSTRUCTION PROGRAM

FY 2012 Annual Report

April 29, 2014



DRAFT

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The following individuals within the Public School Construction Program have made dedicated contributions of time and effort to the Maintenance Inspection Program and the development of this annual report:

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DRAFT

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I. PUBLIC SCHOOL MAINTENANCE IN MARYLAND

A. BACKGROUND

The Board of Public Works (BPW) and the Interagency Committee on School Construction (IAC), the entity established by the BPW to administer the Public School Construction Program (PSCP), have a strong interest in the proper maintenance of Maryland's public school facilities. For all types of facilities, the useful life of the structure is greatly extended through corrective maintenance activities that address existing deficiencies and through a preventive maintenance program that protects against new deficiencies. Good maintenance defers the need for repairs and major renovation, and reduces the cost of renovation when it is eventually needed. Regular maintenance ensures that buildings will remain operational, even under adverse weather conditions.

Established in 1971, the PSCP has had a long involvement with the maintenance of schools. In the summer of 1973, the BPW directed the IAC to conduct a comprehensive maintenance review of all operating public schools. The results revealed that about 21 percent of the State's 1,259 then-operative schools were in poor or fair condition. To improve upon those findings, comprehensive maintenance guidelines were developed by the IAC and approved by the BPW in 1974. When the *Public School Construction Program Administrative Procedures Guide* (APG) was approved by the IAC in 1981, it included a section on maintenance. A new APG was issued by the IAC in September 1994, containing a revised Section 800 - Maintenance. It describes the procedures for development of a local Comprehensive Maintenance Plan (CMP), required to be submitted by each of the local education agencies (LEAs) to the IAC and the local governments prior to October 15 of each year. The APG specifies how the CMP is to address requirements on the planning, funding, reporting, and compliance monitoring of school maintenance. The requirement to submit an annual CMP is now found in the regulations of the PSCP (COMAR 23.03.02.18).

Parallel to the development of the maintenance procedures, in 1980 the BPW directed the IAC to conduct a full maintenance survey of selected public schools in Maryland. The survey was performed by technical staff assigned to the PSCP by the Department of General Services (DGS). Its initial purpose was to assess the quality of local maintenance programs in approximately 100 school facilities that had benefited from State school construction funding. Subsequently, this survey was authorized to become an annual activity and was expanded to include schools that had not received assistance under the Program. Table A on Page 4 of this document shows the ratings for all inspections made during the thirty-two fiscal years in which the surveys have been conducted, as well as the percentage of schools associated with each rating. Of the 3,900 school surveys conducted during this period, 2,114 (54%) received the highest rating categories of "Superior" and "Good," while 218 (6%) received ratings of "Not Adequate" and 36 (1%) received ratings of "Poor". The remaining 1,532 (39%) schools received "Adequate" ratings. Over the last five years, 30 of the total number of surveys were re-inspections of facilities that had received ratings of "Not Adequate" in the previous year.

The IAC recognizes that there is a connection between maintenance and capital funding. To the extent that funding is provided to renovate or replace older schools, a school system's backlog of deferred maintenance items is also reduced. It is generally far more economical to address building deficiencies through a comprehensive renovation than through piecemeal attention to individual building systems. Of equal importance, a properly conducted renovation that is based on an educational specification which has been developed with the participation of

educators results in a building that is not only efficient and safe, but one that is better suited to support the current educational program. Maryland's General Assembly and the Administration provided \$2.26 billion in capital funding between fiscal years 2006 and 2012 for the IAC to administer; it can safely be said that without this funding and the matching contributions of the local governments, the total backlog of deferred maintenance in our schools would be far greater than it is today. LEAs repeatedly mention how State-funded Capital Improvement Program (CIP) systemic renovation and smaller Aging Schools Program (ASP) and Qualified Zone Academy Bond (QZAB) projects not only improve their buildings, but allow their staff to operate in a more efficient manner.

B. THE CURRENT MAINTENANCE INSPECTION PROGRAM

In July 2005, the Capital Debt Affordability Committee (CDAC), consisting of the State Treasurer, the Comptroller, the Secretary of the Department of Budget and Management, and the Secretary of Transportation requested the IAC to develop recommendations to ensure that Maryland's large investment in school facilities will be well protected through good maintenance practices. Since August 2005 the IAC has implemented a series of practices which are described below:

- The maintenance survey function was transferred from DGS to the PSCP beginning in FY 2007, a recommendation that was approved by the General Assembly in the 2006 session. Subsequently, the PSCP hired two full-time school maintenance inspectors with experience in the fields of building maintenance, operations and construction. The individuals in these positions are charged with the responsibility of conducting approximately 230 new school surveys in 24 school systems per year, as well as re-inspections of schools surveyed in the prior fiscal year that received ratings of "Not Adequate" or "Poor". They prepare the survey reports to be sent to the LEAs, review the responses, and perform follow-up inspections on those schools which received "Poor" or "Not Adequate" ratings. With the addition of these full-time inspectors, an internal goal was established by the PSCP to inspect each school in Maryland once every six years. In FY 2009 and FY 2010, the number of inspections was reduced to 145 (138 new, 7 re-inspections) and 187 (182 new, 5 re-inspections), respectively, to accommodate budget constraints. The target of 230 inspections was restored for FY 2011; however, two years of reduced inspections has led to a one-year delay in achieving the goal of inspecting every school on a six-year rotation.
- The maintenance inspection information is now a routine component of the PSCP Facilities Inventory database. The Facilities Inventory database contains all pertinent data associated with each school facility in the State, making it an invaluable resource for the analysis of statewide maintenance practices as well as a permanent record of each building. A linked maintenance inspection database also provides the ability to compile inspection data into useful reports. In conjunction with consistent inspection and reporting methods, it allows the PSCP to observe changes in the overall maintenance performance of the LEAs, and to identify specific categories where maintenance practices need improvement.
- For the sixth year, this Annual Report includes a brief evaluation of the maintenance practices of each LEA. This approach highlights specific maintenance issues and furthers the dissemination of maintenance best practices throughout the state.

- In response to a requirement of the General Assembly, the IAC issued “Guidelines for Maintenance of Public School Facilities in Maryland” in May 2008.

In addition to these actions, the IAC continues to strengthen the alignment between the maintenance inspection program and the annual Public School Construction CIP.

- Since the FY 2010 CIP, requests for roof replacement projects have been required to include the three most recent roof inspection reports as a threshold condition for project eligibility. IAC staff members have raised questions about several requests that appear to demonstrate premature failure of roofs and mechanical equipment due to poor maintenance.
- LEAs have been encouraged to enlarge the scope of certain systemic renovation projects in order to address deficiencies such as insufficient electrical power, which manifests in excessive use of extension cords and power strips that overload circuits and generate tripping hazards.
- The staff of the IAC discusses maintenance budgets and staffing with LEAs in the annual October meetings on the CIP.
- Members of the IAC routinely raise the subject of maintenance during the annual meeting in December at which local superintendents and their staff appeal staff recommendations for CIP funding.

Because of the prestige and practical importance placed on State funding and the high level of visibility of the entire CIP process, it is anticipated that the consistent linkage of maintenance and CIP funding by the IAC will assist local boards and the governments that support their operating budgets to sustain the staff and other resources needed for effective maintenance programs throughout the state.

TABLE A: MAINTENANCE SURVEY RESULTS FISCAL YEARS 1981-2012**NUMBER OF SCHOOL SURVEYS PERFORMED WITH RATINGS AND PERCENTAGES**

Fiscal Year	Superior/Good	Adequate	Not Adequate	Poor	Total	Resurveys included in total
1981	13	80	7	0	100	
1982	25	67	8	2	102	
1983	56	33	14	3	106	
1984	59	30	16	7	112	
1985	28	55	20	4	107	
1986	36	40	19	6	101	
1987	41	44	17	3	105	
1988	54	39	10	0	103	
1989	44	38	15	3	100	
1990	60	35	7	1	103	
1991	53	52	4	1	110	
1992	39	56	7	3	105	
1993	45	52	4	0	101	
1994	41	57	6	0	104	
1995	51	54	1	0	106	
1996	46	49	3	1	99	
1997	51	47	4	0	102	
1998	53	45	3	0	101	
1999	46	55	2	0	103	
2000	47	38	0	0	85	
2001	49	54	0	0	103	
2002	73	19	7	1	100	
2003	94	30	0	0	124	
2004	29	5	3	0	37	
2005	65	29	5	0	99	
2006	59	40	1	0	100	
2007	161	62	10	0	233 (1)	
2008	151	89	10	0	250	10
2009	69	71	5	0	145 (2)	7
2010	130	54	3	0	187 (2)	5
2011	162	66	4	1	233	3
2012	184	47	3	0	234	5
Total Ratings	2114	1532	218	36	3900	
Total Percentages	54.21%	39.28%	5.59%	0.92%	100%	

(1) Increase associated with engagement of two full-time inspectors in the Public School Construction Program.

(2) Temporary reduction in number of inspections due to budgetary constraints.

II. THE SURVEY: FISCAL YEAR 2012

A. PROCEDURES AND METHODS

- The FY 2012 surveys were conducted by the IAC's two full-time maintenance inspectors. The surveys were performed between August 2011 and June 2012.
- 234 public schools were selected to be surveyed from the 24 school systems throughout the state, including three (3) schools that received ratings of "Not Adequate" in FY 2011 and two (2) schools that received ratings of "Not Adequate" in FY 2010 and were re-inspected for a second time.
- In order to update the existing backlog, the choice of the schools to be inspected in FY 2012 was largely based on the oldest inspection dates in our records. The 234 schools selected in FY 2012 represented approximately 22.5 million square feet of public school space. Some of the buildings dated back to the early 20th century, while others were recently constructed. Many have received complete renovations, additions or systemic upgrades.
- After selecting the schools to be surveyed, the inspectors notified each LEA and scheduled a time and date to meet at the facility. The LEA was usually notified two weeks prior to the survey date. Generally, a facility maintenance representative or a member of the school staff accompanied the inspectors to answer questions and assist with access to secured areas.
- During each survey, the inspectors examined 35 different components and building systems, such as roofing, HVAC, electrical equipment and parking lots (see Sample Survey Form, pages 13-15). An evaluation was made for each category by rating the condition, performance, efficiency, preventive maintenance record and life expectancy of the various components and systems. The inspectors' comments were recorded on the survey form.
 - Each of the 35 categories was evaluated and given a rating that ranged from "Poor" to "Superior". Each rating was converted to a numerical score and multiplied by a predetermined factor or "weight". These weights were established by the IAC to indicate the impact that a failed or deficient component could have on life safety or health issues in the facility. Items not present in the facility were indicated as "Not Applicable."

Scoring Levels:

- | <u>Point Range</u> | | <u>Nomenclature</u> |
|--------------------|---|---------------------|
| 96 – 100 | - | Superior |
| 86 – 95 | - | Good |
| 76 – 85 | - | Adequate |
| 66 – 75 | - | Not Adequate |
| 0 – 65 | - | Poor |
- Weighting Values and Description
 - 3 - A serious and potentially urgent impact on safety and/or health
 - 2 - A serious but not immediate impact on safety and/or health
 - 1 - Less direct impact on safety and health

- Care is taken during the survey to ensure that the age or demographics of the school do not affect the survey scores. If a school is well maintained and clean, and has older equipment and components that are serviceable and not causing harm to other equipment and building components, it should receive a high score.
- Beginning in FY 2008, safety equipment and emergency preparedness plans were closely evaluated at each facility, as well as the accessibility of the Asbestos Management Plan that is required under federal legislation to be present in school facilities. In addition, since regulations require that semi-annual roofing inspections are to be completed and reports kept on file for the life of the building, LEAs were requested to provide the last three (3) roof inspection reports. At that time, it was found that many roof inspections were not recorded or had not been performed, creating a concern with regards to the warranty issued by the manufacturer. Warranties must be maintained in order to prevent unnecessary and costly premature replacement of the roof systems.
- A copy of each survey and a cover letter was sent to the school system's superintendent and facilities maintenance director. Any building system that was rated "Poor" or "Not Adequate" required a follow-up response from the LEA stating either that the problem had been repaired or describing the method of corrective action that was planned in the near future. Similarly, if a category rated "Superior," "Good," or "Adequate" showed a specific deficiency, a follow-up response was also required. Responses are typically required from the LEA within 30 days of receipt of the letter and surveys. Any school that scores an average rating of "Not Adequate" or "Poor" is required to be repaired to an acceptable condition, or have its deficiencies reasonably addressed to the State's satisfaction, within a 60-day period, after which time a re-inspection is performed.

B. FY 2012 SURVEY RESULTS

FY 2012 Ratings

The specific ratings of schools surveyed in each school district are shown in Table B "FY 2012 Maintenance Survey Results", pages 7-12.

Of the 234 schools surveyed in FY 2012:

- 45 schools were rated as "Superior"
- 139 schools were rated as "Good"
- 47 schools were rated as "Adequate"
- 3 schools were rated as "Not Adequate"
- No schools were rated as "Poor"

TABLE B: FY 2012 MAINTENANCE SURVEY RESULTS

LEA / School Name	PSC #	School Type	Area (Square Feet)	Rating
Allegany (3)				
Bel Air Elementary	01.003	Elementary	44,789	Good
Cresaptown Elementary	01.032	Elementary	63,084	Superior
Mt. Savage Elementary/Middle	01.025	PreK-8	116,623	Good
			224,496	
Anne Arundel (22)				
Arlington Echo Education Center	02.122	Environmental Ed.	10,509	Adequate
Belvedere Elementary	02.056	Elementary	68,476	Good
Broadneck High	02.032	High	297,740	Adequate
Frank Hebron-Harman Elementary	02.064	Elementary	79,875	Good
Glendale Elementary	02.065	Elementary	80,249	Good
Jacobsville Elementary	02.091	Elementary	66,756	Good
Lindale Middle	02.127	Middle	191,583	Adequate
Maryland City Elementary	02.082	Elementary	49,130	Good
Meade Middle	02.104	Middle	150,000	Adequate
Nantucket Elementary	02.131	Elementary	79,875	Superior
Overlook Elementary	02.119	Elementary	62,129	Superior
Pershing Hill Elementary	02.060	Elementary	87,160	Superior
Piney Orchard Elementary	02.100	Elementary	76,448	Adequate
Quarterfield Elementary	02.078	Elementary	49,130	Adequate
Riviera Beach Elementary	02.097	Elementary	50,916	Good
Seven Oaks Elementary	02.129	Elementary	81,209	Good
Solley Elementary	02.067	Elementary	83,336	Adequate
Sunset Elementary	02.108	Elementary	73,113	Not Adequate
Tyler Heights Elementary	02.069	Elementary	47,544	Good
West Annapolis Elementary	02.036	Elementary	31,669	Good
West Meade EEC	02.072	Elementary	38,093	Good
Woodside Elementary	02.120	Elementary	51,946	Good
			1,806,886	
Baltimore City (11)				
Baltimore School for the Arts # 415	30.178	High	149,895	Superior
Commodore John Rodgers PK-8 # 027	30.017	PreK-8	110,776	Adequate
Leith Walk PK-8 # 245	30.194	PreK-8	75,223	Adequate
Mt. Royal Elementary/Middle # 066	30.069	Elementary/Middle	112,020	Superior
Professional Development Center Building #93	30.209	Middle/High	298,325	Adequate
Robert W. Coleman Elementary # 142	30.140	Elementary	45,819	Good
Southside Building # 181 (formerly #180)	30.228	Middle/High	164,490	Good
Thomas Johnson PK-8 # 084	30.044	PreK-8	68,850	Good
Violetville PK-8 # 226	30.085	PreK-8	100,271	Good
Walbrook Building #411	30.188	Middle/High	346,700	Adequate
Waverly PK-5 # 051	30.028	Elementary	47,070	Adequate
			1,519,439	
Baltimore County (27)				
Bedford Elementary	03.089	Elementary	45,745	Good
Campfield Early Childhood Center	03.136	Elementary	51,640	Good
Catonsville Elementary	03.177	Elementary	59,630	Adequate
Church Lane Elementary	03.026	Elementary	57,920	Good
Colgate Elementary	03.151	Elementary	48,100	Good
Dogwood Elementary	03.171	Elementary	74,891	Adequate
Dundalk Middle	03.041	Middle	143,070	Good
Edmondson Heights Elementary	03.101	Elementary	69,390	Good

TABLE B: FY 2012 MAINTENANCE SURVEY RESULTS

LEA / School Name	PSC #	School Type	Area (Square Feet)	Rating
Baltimore County (continued)				
Featherbed Lane Elementary	03.102	Elementary	75,631	Good
Franklin Elementary	03.150	Elementary	59,830	Good
Hillcrest Elementary	03.024	Elementary	75,850	Good
Kingsville Elementary	03.080	Elementary	53,920	Superior
Middle River Middle	03.046	Middle	125,410	Good
New Town Elementary	03.143	Elementary	83,307	Good
New Town High School	03.196	High	209,609	Good
Pikesville High	03.033	High	171,414	Good
Pikesville Middle	03.085	Middle	135,170	Good
Pot Spring Elementary	03.023	Elementary	55,440	Good
Rosedale Center	03.015	Alternate	55,445	Adequate
Seventh District Elementary	03.086	Elementary	56,908	Good
Shady Spring Elementary	03.031	Elementary	62,620	Good
Timonium Elementary	03.169	Elementary	62,847	Good
Vincent Farm Elementary	03.208	Elementary	90,132	Good
Westchester Elementary	03.130	Elementary	66,690	Good
Windsor Mill Middle	03.198	Middle	116,648	Good
Woodholme Elementary	03.199	Elementary	82,837	Superior
Woodmoor Elementary	03.111	Elementary	73,078	Adequate
			2,263,172	
Calvert (3)				
Mill Creek Middle	04.024	Middle	101,300	Superior
Windy Hill Elementary	04.020	Elementary	66,126	Superior
Windy Hill Middle	04.022	Middle	101,300	Superior
			268,726	
Caroline (2)				
North Caroline High	05.002	High	179,023	Good
Ridgely Elementary	05.006	Elementary	52,005	Good
			231,028	
Carroll (6)				
Cranberry Station Elementary	06.046	Elementary	61,346	Superior
Elmer Wolfe Elementary	06.044	Elementary	65,273	Superior
Linton Springs Elementary	06.045	Elementary	77,707	Good
Oklahoma Road Middle	06.043	Middle	108,640	Superior
Parr's Ridge Elementary	06.053	Elementary	73,271	Superior
Runnymede Elementary	06.039	Elementary	71,704	Good
			457,941	
Cecil (5)				
Calvert Elementary	07.014	Elementary	33,470	Superior
Cecil Manor Elementary	07.030	Elementary	49,586	Superior
Cherry Hill Middle	07.039	Middle	92,990	Superior
Elkton High	07.032	High	187,046	Superior
Perryville High	07.013	High	130,672	Superior
			493,764	
Charles (6)				
Berry Elementary	08.036	Elementary	72,454	Good
Mary Burgess Neal Elementary	08.045	Elementary	86,880	Good
Mattawoman Middle	08.035	Middle	120,300	Good
North Point High School	08.042	Career Tech	311,270	Superior
Robert D. Stethem Educational Center	08.018	Alternate	74,106	Good

TABLE B: FY 2012 MAINTENANCE SURVEY RESULTS

LEA / School Name	PSC #	School Type	Area (Square Feet)	Rating
Charles (continued) William B. Wade Elementary	08.028	Elementary	76,253	Good
			741,263	
Dorchester (3) Choptank Elementary Judy Hoyer Center North Dorchester Middle	09.016 09.017 09.019	Elementary Elementary Middle	45,815 9,444 92,941	Good Superior Superior
			148,200	
Frederick (10) Centerville Elementary Crestwood Middle Earth and Space Sciences Lab (ESSL) Oakdale High Orchard Grove Elementary Tuscarora Elementary Tuscarora High Urbana Middle W. Frederick Middle Whittier Elementary	10.071 10.069 10.074 10.073 10.052 10.070 10.068 10.076 10.037 10.054	Elementary Middle Science High Elementary Elementary High Middle Middle Elementary	87,175 107,212 10,624 241,061 70,142 86,938 257,062 125,049 166,439 81,244	Good Good Superior Superior Good Superior Good Good Superior Good
			1,232,946	
Garrett (3) Camp Hickory Outdoor Southern High Yough Glades Elementary	11.019 11.005 11.015	Science High Elementary	12,954 177,715 36,750	Good Good Superior
			227,419	
Harford (6) Aberdeen High Abingdon Elementary Church Creek Elementary Edgewood Elementary Havre de Grace Middle N. Harford High	12.058 12.049 12.034 12.054 12.039 12.016	High Elementary Elementary Elementary Middle High	229,000 91,229 85,801 67,341 102,000 245,238	Good Adequate Good Good Good Good
			820,609	
Howard (12) Applications and Research Lab Bonnie Branch Middle Centennial Lane Elementary Dunloggin Middle Elkridge Landing Middle Fulton Elementary Glenwood Middle Gorman Crossing Elementary Hollifield Station Elementary Howard High Jeffers Hill Elementary Reservoir High	13.018 13.071 13.005 13.001 13.054 13.063 13.069 13.068 13.067 13.012 13.014 13.077	Career Tech Middle Elementary Middle Middle Elementary Middle Elementary Elementary High Elementary High	204,325 94,511 65,519 79,220 101,226 88,812 75,000 69,857 85,627 284,241 52,851 241,321	Good Superior Good Good Good Good Good Superior Good Adequate Good Good
			1,442,510	
Kent (1) Kent County Middle	14.003	Middle	78,785	Good
			78,785	

TABLE B: FY 2012 MAINTENANCE SURVEY RESULTS

LEA / School Name	PSC #	School Type	Area (Square Feet)	Rating
Montgomery (46)				
Argyle Middle	15.231	Middle	120,205	Adequate
Bannockburn Elementary	15.204	Elementary	54,234	Good
Brooke Grove Elementary	15.164	Elementary	72,582	Good
Cabin John Middle	15.209	Middle	159,514	Superior
Cannon Road Elementary	15.179	Elementary	83,377	Superior
Carson (Rachel) Elementary	15.163	Elementary	78,547	Adequate
Chevy Chase Elementary	15.032	Elementary	70,976	Superior
College Gardens Elementary	15.240	Elementary	96,986	Superior
Daly (Capt. James E.) Elementary	15.159	Elementary	78,210	Good
Drew (Dr. Charles) Elementary	15.169	Elementary	73,975	Adequate
Farmland Elementary	15.242	Elementary	89,988	Good
Flower Valley Elementary	15.217	Elementary	61,567	Good
Forest Oak Middle	15.191	Middle	132,259	Good
Gaithersburg High	15.130	High	323,476	Not Adequate
Galway Elementary	15.213	Elementary	103,170	Superior
Gibbs, Jr. (William B.) Elementary School	15.273	Elementary	88,042	Good
Greencastle Elementary	15.155	Elementary	78,275	Adequate
Grosvenor Center	15.016	Alternate	36,770	Good
Harmony Hills Elementary	15.050	Elementary	85,648	Good
Kemp Mill Elementary	15.227	Elementary	68,222	Good
Kingsview Middle	15.200	Middle	140,398	Good
Lakelands Park Middle	15.261	Middle	153,588	Good
Little Bennett Elementary	15.270	Elementary	82,511	Good
Loiederman (A. Mario) Middle	15.268	Middle	131,746	Good
Matsunaga (Spark M.) Elementary	15.254	Elementary	90,718	Adequate
McNair (Ronald) Elementary	15.162	Elementary	78,275	Adequate
Mill Creek Towne Elementary	15.121	Elementary	67,465	Good
Newport Mill Middle	15.063	Middle	108,240	Good
Oak View Elementary	15.149	Elementary	57,560	Good
Oakland Terrace Elementary	15.140	Elementary	79,145	Good
Poole (John) Middle	15.216	Middle	85,669	Good
Radnor Center	15.237	Alternate	36,663	Good
Ride (Dr. Sally K.) Elementary	15.189	Elementary	78,686	Adequate
Rock View Elementary	15.244	Elementary	91,977	Good
Rocky Hill Middle	15.262	Middle	148,065	Good
Rosa Parks Middle	15.168	Middle	137,469	Good
Roscoe Nix Elementary	15.271	Elementary	88,351	Good
Sequoyah Elementary	15.160	Elementary	72,582	Good
Seven Locks Elementary	15.253	Elementary	66,915	Superior
Shriver (Sargent) Elementary	15.267	Elementary	91,628	Good
Silver Spring International Middle	15.002	Middle	186,031	Not Adequate
Sligo Creek Elementary	15.264	Elementary	98,799	Adequate
Summit Hall Elementary	15.174	Elementary	68,059	Adequate
Takoma Park Elementary	15.081	Elementary	85,553	Good
Westover Elementary	15.232	Elementary	54,645	Good
Wootton (Thomas S.) High	15.023	High	295,620	Adequate
			4,632,381	
Prince George's (46)				
Adelphi Elementary	16.169	Elementary	38,872	Good
Annapolis Road Academy Alternative High	16.163	Alternate	55,577	Good

TABLE B: FY 2012 MAINTENANCE SURVEY RESULTS

LEA / School Name	PSC #	School Type	Area (Square Feet)	Rating
Prince George's (continued)				
Berwyn Heights Elementary	16.220	Elementary	45,387	Superior
Bladensburg Elementary	16.106	Elementary	62,050	Good
Bond Mill Elementary	16.233	Elementary	58,325	Good
Buck Lodge Middle	16.094	Middle	122,497	Adequate
Catherine T. Reed Elementary (re-inspection)	16.144	Elementary	56,889	Good
Cesar Chavez Elementary	16.167	Elementary	30,066	Good
Cool Spring Elementary	16.134	Elementary	139,211	Good
Dodge Park Elementary	16.117	Elementary	50,499	Good
Drew-Freeman Middle	16.159	Middle	142,413	Good
Dwight D. Eisenhower Middle (re-inspection)	16.008	Middle	139,951	Good
Ernest Everett Just Middle	16.219	Middle	138,901	Good
Fairmont Heights High (re-inspection)	16.096	High	174,128	Adequate
Francis Scott Key Elementary	16.160	Elementary	86,814	Good
Glenn Dale Elementary	16.202	Elementary	44,644	Good
Greenbelt Elementary	16.108	Elementary	67,500	Adequate
Greenbelt Middle (Former)	16.184	Middle	141,125	Adequate
Highland Park Elementary	16.192	Elementary	61,555	Adequate
Jessie B. Mason (Former)	16.097	Special Ed.	32,174	Good
Judith P. Hoyer Montessori	16.022	Elementary	46,152	Adequate
Kenmoor Elementary	16.225	Elementary	43,997	Good
Kenmoor Middle	16.212	Middle	128,381	Adequate
Kingsford Elementary	16.133	Elementary	86,814	Good
Lake Arbor Elementary	16.037	Elementary	76,842	Good
Magnolia Elementary	16.135	Elementary	54,506	Adequate
Margaret Brent Regional School	16.100	Special Ed.	48,236	Good
Mary Harris Mother Jones Elementary	16.231	Elementary	76,842	Adequate
Northview Elementary	16.250	Elementary	77,646	Good
Overlook Elementary	16.129	Elementary	47,649	Adequate
Perrywood Elementary	16.207	Elementary	76,137	Adequate
Port Towns Elementary	16.218	Elementary	77,586	Adequate
Robert R. Gray Elementary	16.222	Elementary	74,520	Adequate
Rockledge Elementary	16.148	Elementary	56,252	Good
Rosa L. Parks Elementary	16.253	Elementary	81,705	Superior
Rosaryville Elementary	16.227	Elementary	76,200	Good
Samuel P. Massie Academy	16.191	Elementary/Middle	97,243	Good
Scotchtown Hills Elementary	16.127	Elementary	79,757	Good
Suitland Elementary	16.232	Elementary	76,333	Good
Suitland High Annex	16.258	High	70,993	Good
Tayac Elementary (re-inspection)	16.023	Elementary	47,858	Adequate
Valley View Elementary	16.118	Elementary	52,431	Good
Walker Mill Middle (re-inspection)	16.196	Middle	129,348	Adequate
Whitehall Elementary	16.249	Elementary	38,583	Good
William W. Hall Academy	16.226	Elementary/Middle	100,000	Good
Woodridge Elementary	16.052	Elementary	31,687	Adequate
			3,542,276	
Queen Anne's (2)				
Kennard Elementary	17.012	Elementary	64,010	Adequate
Matapeake Middle School	17.025	Middle	110,427	Good
			174,437	

TABLE B: FY 2012 MAINTENANCE SURVEY RESULTS

LEA / School Name	PSC #	School Type	Area (Square Feet)	Rating
St. Mary's (3) Evergreen Elementary School George Washington Carver Elementary Margaret Brent Middle	18.031	Elementary	74,227	Superior
	18.032	Elementary	61,385	Superior
	18.009	Middle	131,354	Good
				266,966
Somerset (2) Somerset Intermediate School Washington High	19.016	Middle	77,652	Superior
	19.002	High	132,400	Superior
				210,052
Talbot (2) Easton Middle White Marsh Elementary	20.004	Middle	106,985	Good
	20.007	Elementary	43,465	Good
				150,450
Washington (7) Greenbrier Elementary Hancock Middle/High Maugansville Elementary Northern Middle Pangborn Blvd. Elementary Paramount Elementary South Hagerstown High	21.014	Elementary	36,835	Good
	21.025	Middle/High	96,809	Good
	21.047	Elementary	91,586	Superior
	21.017	Middle	102,782	Good
	21.041	Elementary	88,116	Good
	21.030	Elementary	47,923	Good
	21.020	High	163,959	Adequate
				628,010
Wicomico (3) J.M. Bennett High Parkside High Wicomico High	22.008	High	247,202	Superior
	22.001	High	277,724	Good
	22.009	Special Ed.	195,941	Good
				720,867
Worcester (3) Berlin Intermediate Cedar Chapel Special School Ocean City Elementary	23.012	Elementary/Middle	101,000	Adequate
	23.013	Special Ed.	17,175	Good
	23.006	Elementary	87,477	Superior
				205,652

Total Number of Schools Inspected: 234

Total square footage inspected: 22,488,275 square feet

Public School Construction Program School Inspection Report

LEA Name:
School Name:

Inspection Date:
Inspector:
LEA Representative:

PSC #:
Year Constructed:
Total Adjusted Square Footage:

Site/Item (Weight)	Superior	Good	Adequate	Not Adequate	Poor	Not Applicable
1. Driveways & Parking Lots (1)						
2. Site Utilities (1)						
3. Exterior Building Appearance (1)						
4. Playground Equipment (1)						
5. Exterior Structural Condition (3)						
6. Gutters and Downspouts (2)						
7. Windows / Doors (2)						
8. Entryways & Exterior Doors (3)						
9. Roof Conditions (3)						
10. Flashing & Gravel Stop (2)						
11. Roof Drains (2)						
12. Rooftop Equipment (2)						
13. Skylights & Monitors (2)						
14. Interior Appearance & Sanitation (2)						
15. Floors (2)						
16. Walls (1)						
17. Interior Doors / Windows (2)						
18. Ceilings (1)						
19. Electrical Distribution (3)						
20. Electrical Service Equipment (3)						
21. Lighting (2)						
22. Fire & Safety (3)						
23. Equipment Rooms (2)						
24. Boilers / Water Heaters (3)						
25. Air Conditioning (1)						
26. Ventilation Equipment (3)						
27. FCUs / Radiators / Wall Units (2)						
28. Steam Distribution (2)						
29. Hot Water Distribution (2)						
30. Chilled Water Distribution (1)						
31. Plumbing (1)						
32. Sub Structure (3)						
33. Vertical Conveyance Systems (1)						
Total Items Per Category						

Overall Rating: ()
 Superior=100-96 Good=95-86 Adequate=85-76 Not Adequate=75-66 Poor=65 and below

Asbestos Management Plan:

Emergency Preparedness Plan:

PUBLIC SCHOOL INSPECTION REPORT - COMMENTS



School Name & PSC Number:

Square Footage:

Report Date (s):

Year Constructed:

SITE/ITEM	RATING	COMMENTS	Response Requested
1		RODEWAYS & PARKING LOTS	
		LEA Response:	
2		SITE APPEARANCE	
		LEA Response:	
3		SITE UTILITIES, MARKED AND SECURED	
		LEA Response:	
4		EXTERIOR BUILDING APPEARANCE	
		LEA Response:	
5		PLAYGROUND EQUIPMENT	
		LEA Response:	
6		EXT. STRUCTURAL CONDITION	
		LEA Response:	
7		GUTTERS & DOWNSPOUTS	
		LEA Response:	
8		WINDOWS & CAULKING	
		LEA Response:	
9		SIDEWAYS	
		LEA Response:	
10		ENTRYWAYS & EXTERIOR DOORS	
		LEA Response:	
11		ROOF CONDITIONS	
		LEA Response:	
12		FLASHING & GRAVEL STOPS	
		LEA Response:	
13		ROOF DRAINS	
		LEA Response:	
14		ROOFTOP EQUIPMENT	
		LEA Response:	
15		SKYLIGHTS & MONITORS	
		LEA Response:	
16		INT. APPEARANCE & SANITATION	
		LEA Response:	
17		FLOORS	
		LEA Response:	
18		WALLS	
		LEA Response:	
19		INTERIOR DOORS & HARDWARE	
		LEA Response:	
20		CEILINGS	
		LEA Response:	
21		ELECTRICAL DISTRIBUTION	
		LEA Response:	
22		ELECTRICAL SERVICE EQUIPMENT	
		LEA Response:	
23		LIGHTING - LAMPS/BALLASTS	
		LEA Response:	
24		FIRE & SAFETY	
		LEA Response:	
25		EQUIPMENT ROOMS	
		LEA Response:	

PUBLIC SCHOOL INSPECTION REPORT - COMMENTS



School Name &
PSC Number:

Square Footage:

Report Date (s):

Year Constructed:

	SITE/ITEM	RATING	COMMENTS	Response Requested
26	BOILERS, WATER HEATERS			
	LEA Response:			
27	AIR CONDITIONING			
	LEA Response:			
28	VENTILATION EQUIPMENT			
	LEA Response:			
29	FCUs/RADIATORS/WALL UNITS			
	LEA Response:			
30	STEAM DISTRIBUTION			
	LEA Response:			
31	HOT WATER DISTRIBUTION			
	LEA Response:			
32	CHILLED WATER DISTRIBUTION			
	LEA Response:			
33	PLUMBING			
	LEA Response:			
34	INTERIOR SUB-STRUCTURE			
	LEA Response:			
35	VERTICAL CONVEYANCE SYSTEM			
	LEA Response:			

ASBESTOS MANAGEMENT PLAN			
LEA Response:			
EMERGENCY PREPAREDNESS PLAN			
LEA Response:			

ADDITIONAL NOTES & COMMENTS	

FY 2012 MAINTENANCE SURVEY RESULTS: A DISTRICT-BY-DISTRICT OVERVIEW

The following reports provide an overview of maintenance surveys conducted at selected schools in each Maryland public school system. Each report provides general information about the school system, a listing of the schools that were surveyed, and a brief narrative highlighting important aspects of the school system's maintenance program.

Note:

The definition of "**Adjusted Age**" of a school facility, found in the second column of the charts on the following pages, is the averaged age of the total square footage. For the purposes of calculating the Adjusted Age, renovated square footage is generally treated as new.

"**Original existing square footage**" as used in the narratives on the following pages refers to the date of first construction of the oldest remaining square footage in a facility (for example, if a school first built in 1954 received additions in 1960, 1975 and 2003, and the 1954 portion was also demolished in 2003, the original existing square footage would then date from 1960). This is to demonstrate that our older schools are being retained and are well looked after.

Individual school reports are available on request.
Please contact Ms. Trina Narivanchik at 410-767-0726.

Allegany County

Three schools were inspected in April 2012. Except for extremely small amounts of new square footage added when two of the schools were renovated, original existing square footage at these schools dates from 1930 to 1974, with adjusted building ages of 38, 15 and 13 years at the time of inspection. These schools have been very well maintained and the two oldest schools, Cresaptown Elementary School and Mt. Savage Elementary School, were very nicely modernized in 1997 and 1999 while maintaining their architectural charm.



Cresaptown Elementary

Most deficiencies found this year were not equipment related and should be easily corrected by the administrative and faculty staff. A few structural items as well as two of the roofs need monitoring, but with Allegany's demonstrated maintenance approach, this should be responsibly addressed. Allegany County does an excellent job in maintaining their heritage by retaining and modernizing their older schools when funding allows.

FY 2012

- 22 total active schools in system
- Avg. Adjusted Age, all schools: 1983
- 3 schools inspected: 2 Elementary, 1 PreK-8
- Results:
 - ✓ 1 Superior
 - ✓ 2 Good
 - ✓ 0 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (92.37)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Bel Air E.	38	Good	13	9	6	2	0
2. Cresaptown E.	15	Superior	22	9	0	1	0
3. Mt. Savage E./M.	13	Good	11	15	3	1	1
Totals			46	33	9	4	1
Percentage of Total Ratings for System			49%	35%	10%	4%	1%

Anne Arundel County

Twenty two schools were inspected in April and May 2012. Original existing square footage at these schools dates from 1954 to 2012, with adjusted building ages ranging from 48 to 1 year at the time of inspection.

With the fourth oldest inventory in the State, AACPS contends with many of the same facility problems as the other large school systems in Maryland that have an aging infrastructure that must be maintained, updated, replaced or expanded, and in a manner that will achieve equity among its facilities.

Of the schools inspected this year, half had plumbing or roof leaks above the ceilings that were causing damage to ceiling surfaces and promoting mold growth. Two schools were noted for the misuse and improper disposal of toxic photographic chemicals into the school's drainage system, and eight of the schools had overloaded computer wiring. The Arlington Echo Educational Center had serious safety and structural hazards at the exterior stairs and handrails that lead to the pier and at the boatshed, as well as notable structural damage in the block foundation of one of the buildings.

Of the six schools that were constructed, renovated or replaced within the ten years prior to the inspections, only the three newest schools received ratings of "Superior". Sunset Elementary School, the only school to receive a "Not Adequate" rating, received a renovation of 50% of its space in 2011 to convert open-space classroom space into closed classrooms, yet this school did not have the neat and clean look of a school that had recently received a significant upgrade.

By contrast, of the seven schools with an adjusted age of 40 years or greater, five received ratings of "Good" due to the diligence of the onsite custodial and maintenance staff and the cooperation and care given the buildings by the faculty and school administrators.

As several health and safety issues, such as unsafe storage, blocked exits and safety devices, as well as several of the items noted above, were again identified at many schools, the PSCP continues to recommend that school teachers and administrators receive frequent on-site safety training.



Glendale Elementary

FY 2012

- 123 total active schools in system
- Avg. Adjusted Age, all schools: 1982
- 22 schools inspected: 18 Elementary, 2 Middle, 1 High, 1 Environmental Ed.
- Results:
 - ✓ 3 Superior
 - ✓ 11 Good
 - ✓ 7 Adequate
 - ✓ 1 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (87.72)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Arlington Echo Ed. Ctr.	43	Adequate	2	17	6	2	3
2. Belvedere E.	13	Good	9	12	4	5	2
3. Broadneck H.	23	Adequate	9	8	4	9	2
4. Frank Hebron-Harman E.	5	Good	20	6	3	3	0
5. Glendale E.	13	Good	15	10	5	2	1
6. Jacobsville E.	14	Good	4	17	5	5	1
7. Lindale M.	16	Adequate	2	12	13	5	1
8. Maryland City E.	46	Good	9	14	4	3	0
9. Meade M.	14	Adequate	7	11	7	3	4
10. Nantucket E.	4	Superior	21	9	1	0	0
11. Overlook E.	1	Superior	29	4	0	0	0
12. Pershing Hill E.	1	Superior	27	3	1	0	0
13. Piney Orchard E.	10	Adequate	13	6	4	6	3
14. Quarterfield E.	43	Adequate	1	12	9	5	2
15. Riviera Beach E.	41	Good	4	21	4	4	0
16. Seven Oaks E.	5	Good	18	10	2	1	0
17. Solley E.	15	Adequate	4	13	7	7	1
18. Sunset E.	21	Not Adequate	0	8	7	11	6
19. Tyler Heights E.	48	Good	7	13	8	2	1
20. West Annapolis E.	30	Good	4	20	4	4	1
21. West Meade E.E.C.	48	Good	14	13	3	1	0
22. Woodside E.	47	Good	12	12	3	5	0
Totals			231	251	104	83	28
Percentage of Total Ratings for System			33%	36%	15%	12%	4%

Baltimore City

Eleven schools were inspected in October 2011. Original existing square footage at these schools dates from 1925 to 2011, with adjusted building ages ranging from 58 to 12 years at the time of inspection. Eight of these schools had adjusted building ages of at least 30 years, representative of the generally aging infrastructure of Baltimore City schools. Of these, Leith Walk Elementary School was in the process of being renovated with an addition, Violetville PK-8 School was nearing the end of an addition/renovation/partial replacement project and Waverly PK-5 School was scheduled to begin replacement construction. Violetville PK-8 School, which was occupied but still under construction at the time of the inspection, showed a number of construction related issues needing close supervision and resolution to avoid a negative impact on future maintenance needs.

Two schools received "Superior" ratings this year and five received a rating of "Good," showing that there has been improvement over past years. One of these, the Baltimore School for the Arts, is a unique school housed in two connected historic buildings, a former hotel and brownstone residence, that were renovated with an addition in 2007. This very well maintained school provides a good example of an innovative approach to funding a school facility through a combination of conventional sources and historic tax credits.

The age of Baltimore City facilities, the oldest on average in Maryland, and community impacts, particularly vandalism, make the maintenance of Baltimore City school facilities particularly challenging. In addition, the lack of attention to maintenance prior to 2004 has left an exceptionally large backlog of deficiencies. While improvements in procedures and staffing have been noted, particularly since 2006, the maintenance and operational aspects of Baltimore City Public Schools continue to be under-budgeted and under-staffed. In addition, the overall organizational structure responsible for facility management should be studied to identify areas in which efficiency and effectiveness can be improved. The negative results of this situation are shown in a number of areas: recent State and local investments that have not been adequately cared for; insufficient construction oversight, leading to improperly installed and functioning items; malfunctioning mechanical equipment; water penetration; and a broad range of safety issues. However, the fine

condition of the Mount Royal Elementary/Middle School, originally built in 1959 and not renovated in more than 30 years, demonstrates that age does not need to be an impediment to a high level of maintenance.

Despite the impediments faced by the school system, there appears to be an overall improvement in site appearance, site utilities, building appearance, playground equipment, electrical service equipment, lighting and ballasts, and boilers and water heaters. However, improvement is needed in a number of areas, particularly exterior structural conditions, roof drainage, hot and chilled water distribution, elevators, windows and caulking, interior doors and hardware, ceilings, electrical distribution, heating cooling and ventilation equipment, fire and safety equipment, and custodial operations and building management. A number of schools lacked up-to-date Asbestos Management Plans that were accessible and usable by the school administration, a federal requirement.



Violetville Elementary

FY 2012

- 168 total active schools in system
- Avg. Adjusted Age, all schools: 1973
- 11 schools inspected: 2 Elementary, 4 PK-8, 1 Elementary/Middle, 3 Middle/High (incl. Prof. Development Ctr.), 1 High (School for the Arts)
- Results:
 - ✓ 2 Superior
 - ✓ 4 Good
 - ✓ 5 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (87.64)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Baltimore School for the Arts #415	23	Superior	23	10	0	0	0
2. Commodore John Rodgers PK-8 #027	38	Adequate	10	7	10	7	0
3. Leith Walk PK-8 #245	58	Adequate	2	4	18	6	1
4. Mt. Royal E./M. #066	30	Superior	22	10	0	1	0
5. Professional Development Ctr. #093	41	Adequate	2	16	7	4	2
6. Robert W. Coleman E. #142	31	Good	15	13	1	1	0
7. Southside Bldg. #181	55	Good	7	17	6	2	0
8. Thomas Johnson PK-8 #084	31	Good	10	14	5	3	0
9. Violetville PK-8 #226	12	Good	13	6	1	5	4
10. Walbrook Bldg. #411	39	Adequate	5	7	7	7	6
11. Waverly PK-5 #051	32	Adequate	1	16	11	3	1
Totals			110	120	66	39	14
Percentage of Total Ratings for System			32%	34%	19%	11%	4%

DRAFT

Baltimore County

Twenty-seven schools were inspected in October and November 2011. Original existing square footage at these schools dates from 1910 to 2011, with adjusted building ages ranging from 77 to 4 years at the time of inspection. Half of these schools received multi-systemic renovation projects between 1998 and 2004 in lieu of complete renovations in a large-scale effort by Baltimore County Public Schools to address the great number of needed improvements in their many schools. While this upgraded vital systems in a large number of schools, and most of these schools can currently be considered in generally good condition, many are lacking an overall modernized appearance, with some elements that are outdated and worn. This approach to addressing facility needs, and the method PSCP uses to calculate the age of facilities that received multi-systemic or limited renovations, has kept Baltimore County's school facilities positioned as the fifth oldest in the State in spite of the substantial State and local investment.

The very clean and safe conditions found in some of the schools, such as Dundalk Middle School, demonstrate that good facility management is achievable despite the age of the facilities. This school, as well as Colgate Elementary and Kingsville Elementary School, are notable for receiving excellent custodial servicing. However, as reported for the past several years, inspections of Baltimore County schools reveal many serious safety, fire, and health code violations in not only the older buildings but in the new schools, including blocked exits, expired fire extinguishers, paper coverage of fire doors, covered audio/visual alarm devices, lack of ground fault interrupt devices near sinks and in wet areas, and poorly or dangerously stored supplies and equipment. This indicates not only a need for frequent and mandatory training of school administrators, teachers and custodial staff, but also regular safety inspections by qualified facilities staff and the attention of school system leadership.

Many buildings inspected this year have ongoing roof and /or equipment leaks that have caused considerable ceiling damage throughout the buildings. More attention and proper reporting by onsite building staff would reduce these unsightly and damaging leaks. Four of the inspected schools with questionable roof conditions were constructed between 2003 and 2008, and New Town Elementary School,

constructed in 2001, has had substantial water penetration below all 2nd floor windows despite attempts to repair, raising a concern that construction defects are not being resolved through enforcement of the warranty.



New Town Elementary

FY 2012

- 166 total active schools in system
- Avg. Adjusted Age, all schools: 1982
- 27 schools inspected: 20 Elementary, 4 Middle, 2 High, 1 Alternate
- Results:
 - ✓ 2 Superior
 - ✓ 21 Good
 - ✓ 4 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools:
Good (89.85)

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Bedford E.	49	Good	12	13	1	3	0
2. Campfield Early Childhood Ctr.	35	Good	13	14	2	1	0
3. Catonsville E.	77	Adequate	7	10	5	8	1
4. Church Lane E.	28	Good	13	9	3	6	1
5. Colgate E.	64	Good	17	13	1	1	0
6. Dogwood E.	11	Adequate	13	8	2	7	3
7. Dundalk M.	40	Good	13	6	9	3	1
8. Edmondson Heights E.	32	Good	7	15	5	3	2
9. Featherbed Lane E.	29	Good	6	13	6	6	0
10. Franklin E.	32	Good	13	11	3	2	0
11. Hillcrest E.	21	Good	9	13	3	5	1
12. Kingsville E.	33	Superior	22	5	3	1	0
13. Middle River M.	31	Good	8	18	1	4	0
14. New Town E.	11	Good	18	7	5	2	0
15. New Town H.	9	Good	20	8	1	3	1
16. Pikesville H.	46	Good	7	13	6	5	0
17. Pikesville M.	23	Good	11	11	6	2	0
18. Pot Spring E.	29	Good	15	11	2	2	0
19. Rosedale Center	51	Adequate	3	12	10	4	3
20. Seventh District E.	37	Good	11	10	4	5	0
21. Shady Spring E.	32	Good	8	18	4	0	0
22. Timonium E.	53	Good	12	14	4	0	0
23. Vincent Farm E.	4	Good	18	9	1	3	1
24. Westchester E.	14	Good	19	9	2	3	0
25. Windsor Mill M.	6	Good	17	9	4	2	1
26. Woodholme E.	7	Superior	22	6	3	0	0
27. Woodmoor E.	29	Adequate	1	12	14	3	1
Totals			335	297	110	84	16
Percentage of Total Ratings for System			40%	35%	13%	10%	2%

Calvert County

Three schools were inspected in May 2012. These schools are relatively new facilities, built in 1996, 1998 and 2001. Windy Hill Elementary School received a small kindergarten/pre-kindergarten addition in 2007, but the other schools have had no additions. The adjusted building ages were 16, 14 and 11 years at the time of the inspections. These newer school buildings are very well maintained and have an excellent appearance in comparison to many similarly aged school buildings throughout the State. Not only was a "Superior" rating achieved for all three schools surveyed this year, but Calvert County schools received "Superior" ratings for 14 of the 23 schools surveyed since 2007. Schools in Calvert County stand out for their cleanliness, the result of excellent custodial care and well-managed schools. It is clear that the maintenance staff, students, faculty and the administration show great pride in their schools.



Windy Hill Middle

FY 2012

- 26 total active schools in system
 - Avg. Adjusted Age, all schools: 1990
 - 3 schools inspected: 1 Elementary, 2 Middle
- Results:
- ✓ 3 Superior
 - ✓ 0 Good
 - ✓ 0 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Superior (97.18)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Mill Creek M.	11	Superior	25	7	1	0	0
2. Windy Hill E.	16	Superior	17	14	0	1	0
3. Windy Hill M.	14	Superior	26	5	1	0	0
Totals			68	26	2	1	0
Percentage of Total Ratings for System			70%	27%	2%	1%	0%

Caroline County

Two schools were inspected in September 2011. Original existing square footage at these schools dates to 1978 and 1990, but the facilities had adjusted building ages of 26 and 11 years at the time of the inspections due to additions and renovations. While maintenance is generally good, safety deficiencies were found at both locations. At North Caroline High School, fire extinguishers did not appear to be receiving complete monthly visual inspections. Chemicals were not placed in their proper locations in the science labs, nor were the labs locked. Safety concerns at Ridgely Elementary School include rear doors blocked by classroom items, evacuation instructions not being easily visible due to placement of classroom items, and metal items being stored near electrical switchgear and transformers. The August 2011 earthquake appears to have caused minor damage to both of these buildings, exacerbating the already deteriorating masonry veneer at the canopy columns at Ridgely Elementary School.

Both schools have had several small upgrade projects over the last 12 years, taking good advantage of the State's Aging Schools Program.



North Caroline High

FY 2012

- 10 total active schools in system
- Avg. Adjusted Age, all schools: 1992
- 2 schools inspected: 1 Elementary, 1 High
- Results:
 - ✓ 0 Superior
 - ✓ 2 Good
 - ✓ 0 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (91.93)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. North Caroline H.	11	Good	16	14	2	1	0
2. Ridgely E.	26	Good	7	21	2	1	0
Totals			23	35	4	2	0
Percentage of Total Ratings for System			36%	55%	6%	3%	0%

Carroll County

Six schools were inspected in February 2012. Original existing square footage at these schools dates from 1994 to 2007, with adjusted building ages ranging from 17 to 7 years at the time of inspection. The schools inspected this fiscal year were ideal representatives of good and effective maintenance. In general, all of the schools were in excellent condition and looked as if construction had just been completed. However, despite their continued success with maintenance, training of school administrators is still necessary to ensure proper and safe oversight of excessive storage and other safety issues, and safety inspections should be performed more often across the school system. This issue was commented on in previous surveys of this LEA's schools.

Oklahoma Road Elementary stands out as very well organized. Compared to the other schools inspected, it is kept free of clutter and excessive attachment of paper items to walls, ceilings and doors. This school sends the message that it is very well taken care of by all occupants.



Parr's Ridge Elementary

FY 2012

- 43 total active schools in system
- Avg. Adjusted Age, all schools: 1988
6 schools inspected: 5 Elementary, 1 Middle
- Results:
 - ✓ 4 Superior
 - ✓ 2 Good
 - ✓ 0 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools:
Superior (95.76)

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Cranberry Station E.	13	Superior	26	2	2	1	0
2. Elmer Wolfe E.	14	Superior	20	10	1	0	0
3. Linton Springs E.	13	Good	22	6	2	2	0
4. Oklahoma Road M.	15	Superior	21	9	0	1	0
5. Parr's Ridge E.	7	Superior	21	9	0	1	0
6. Runnymede E.	17	Good	18	12	1	1	0
Totals			128	48	6	6	0
Percentage of Total Ratings for System			68%	26%	3%	3%	0%

Cecil County

Five schools were inspected in September 2011. Original existing square footage at these schools dates from 1955 to 2008, with adjusted building ages ranging from 44 to 4 years at the time of inspection. The maintenance, care and upkeep of schools in Cecil County are exceptional, as demonstrated by the “Superior” ratings received by all five schools surveyed this year. Three of the five schools had complete renovations completed in 1995, 2008, and 2011. The remaining two schools are original to 1968 and 1978, with no additions and only systemic renovation and Aging Schools Program projects performed since the original construction.



Elkton High

The survey results are a testament to this school system’s commitment to maintaining their investment and providing a pleasant, healthy, and well maintained learning environment for their students. Cecil County Public Schools has adopted a number of practices that deserve to be studied by other school systems.

FY 2012

- 29 total active schools in system
- Avg. Adjusted Age, all schools: 1987
- 5 schools inspected: 2 Elementary, 1 Middle, 2 High
- Results:
 - ✓ 5 Superior
 - ✓ 0 Good
 - ✓ 0 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Superior (97.13)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Calvert E.	31	Superior	25	1	3	1	0
2. Cecil Manor E.	16	Superior	27	4	0	0	0
3. Cherry Hill M.	44	Superior	20	9	1	0	0
4. Elkton H.	4	Superior	25	5	1	1	0
5. Perryville H.	34	Superior	20	8	2	0	0
Totals			117	27	7	2	0
Percentage of Total Ratings for System			76%	18%	5%	1%	0%

Charles County

Six schools were inspected in May 2012. Original existing square footage at these schools dates from 1969 to 2009, with adjusted building ages ranging from 41 to 3 years at the time of inspection. Of the two schools that were recently constructed in 2005 and 2009, only the 2005 North Point High School received a "Superior" rating. Three year old Mary Burgess Neal Elementary appears to be very well taken care of and is exceptionally clean overall, but received a "Poor" score in the category of Fire and Safety as a result of the blocked egress, unsafe storage and other conditions.

As identified in maintenance inspections in past years, four of the six schools inspected this year had poorly maintained asbestos management plans. To be in compliance, records must be complete and updated. This is an area of particular concern because it is a mandatory item per Federal law and carries a fine if found to be out of compliance.

The oldest building inspected this year, the Robert D. Stethem Educational Center, is well cared for by the custodial staff but would benefit from a complete renovation and modernization project. Although all of the building equipment was found to be in fair to good condition, the cost of maintaining this significantly worn and outdated equipment over time will be substantially higher than for a newer facility. As noted in prior annual maintenance reports, Charles County has been strongly encouraged to evaluate their school buildings and establish a plan for renovating their older facilities, projects that have been eclipsed in recent years by their focus on addressing student enrollment growth.



North Point High

FY 2012

- 37 total active schools in system
- Avg. Adjusted Age, all schools: 1989
- 6 schools inspected: 3 Elementary, 1 Middle, 1 Career Tech., 1 Alternate
- Results:
 - ✓ 1 Superior
 - ✓ 5 Good
 - ✓ 0 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (90.40)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Berry E.	16	Good	15	12	3	1	0
2. Mary Burgess Neal E.	3	Good	22	8	1	0	1
3. Mattawoman M.	17	Good	10	11	4	7	0
4. North Point H.	7	Superior	25	6	0	1	0
5. Robert D. Stethem Ed. Ctr.	41	Good	8	11	6	2	2
6. William B. Wade E.	21	Good	6	12	9	3	0
Totals			86	60	23	14	3
Percentage of Total Ratings for System			46%	32%	12%	8%	2%

Dorchester County

Three schools were inspected in August 2011. Original existing square footage of these schools dates from 1957, 1997, and 2009, with the age of the Judy Hoyer Center building adjusted to 52 years at the time of inspection due to an addition in 1963. Each of the schools appeared to be very well maintained, but this was particularly exemplified at the Judy Hoyer Center. Capital improvements such as HVAC, exterior door and window, roof, sidewalk, and playground system replacements between 2006 and 2008, along with a high level of maintenance care, have resulted in a very appealing site, exterior and interior appearance at this older facility.



North Dorchester Middle

FY 2012

- 15 total active schools in system
- Avg. Adjusted Age, all schools: 1988
- 3 schools inspected: 2 Elementary, 1 Middle
- Results:
 - ✓ 2 Superior
 - ✓ 1 Good
 - ✓ 0 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Superior (95.82)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Choptank E.	15	Good	17	12	1	1	0
2. Judy Hoyer Center	52	Superior	25	8	0	0	0
3. North Dorchester M.	3	Superior	21	10	0	0	0
Totals			63	30	1	1	0
Percentage of Total Ratings for System			66%	32%	1%	1%	0%

Frederick County

Ten schools were inspected in March 2012. Original existing square footage at these schools dates from 1958 to 2010, with adjusted building ages ranging from 16 to 2 years at the time of inspection. Of the ten schools inspected, seven were built within the past ten years, two are only a few years older, and the 1958 school was fully renovated with an addition in 2010, making for a very low age group of surveyed schools. The overall results this year were outstanding, with four schools receiving "Superior" ratings and all schools receiving a score of 89 or better. This is due in part to the newer age of the facilities, but also to the overall good maintenance and custodial care provided.

However, at-risk safety and poor storage practices are ongoing issues that need to be addressed by both the head office and onsite administrations. These concerns include excessive clutter in classrooms, obstructed and unsafe egress, missing evacuation instructions, fire extinguishers not routinely receiving monthly visual inspections, blocked fire extinguishers and safety shut-off switches, unsafe classroom conditions such as safety guards removed in technical education shops, improper storage of chemicals and combustibles in science labs and maintenance areas, unsafe and improper storage, storage of salt and ice melt compounds around electrical equipment, and fire and building code violations,

Also, damages are occurring at many of these schools to walls, window blinds, ceilings and casework from improper posting of student work throughout the buildings. The overabundance of classroom items and poor storage practices hinders proper cleaning of the buildings due to the inability to access many areas with cleaning equipment.

To ensure longevity of these beautiful new and updated buildings, it would be beneficial to Frederick County Public Schools to consistently address the noted safety deficiencies.



Tuscarora High

FY 2012

- 68 total active schools in system
- Avg. Adjusted Age, all schools: 1989
- 10 schools inspected: 4 Elementary, 3 Middle, 2 High, 1 Science
- Results:
 - ✓ 4 Superior
 - ✓ 6 Good
 - ✓ 0 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (94.07)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Centerville E.	7	Good	22	4	4	1	0
2. Crestwood M.	8	Good	22	5	4	1	0
3. Earth & Space Sciences Lab	3	Superior	21	2	0	3	0
4. Oakdale H.	4	Superior	25	4	1	2	0
5. Orchard Grove E.	16	Good	15	12	1	2	0
6. Tuscarora E.	8	Superior	25	5	2	1	0
7. Tuscarora H.	8	Good	16	9	2	4	0
8. Urbana M.	6	Good	25	6	0	0	2
9. W. Frederick M.	2	Superior	25	5	1	1	0
10. Whittier E.	14	Good	10	12	9	2	0
Totals			206	64	24	17	2
Percentage of Total Ratings for System			66%	20%	8%	5%	1%

Garrett County

Three schools were inspected in April 2012. Original square footage at these schools dates from 1952 to 2003 with adjusted building ages of 34, 24 and 14 years at the time of inspection. These schools are extremely different from one another in terms of age, type, use and the extent of additions and renovations, and yet they all receive a high level of maintenance and care.

Two of the schools would benefit from some modernization and upgrading. The Camp Hickory Outdoor Center, an outstanding educational nature facility, is in need of an upgrade to the electrical service distribution for the Planetarium. Southern High School was scheduled to receive an upgrade of its mechanical system through an energy performance contract.

Like other school systems in Maryland, various safety issues need to be addressed, and more frequent and complete training should be provided to the administration and staff in all schools to reduce the many safety hazards. It is worth noting the outstanding management by the faculty and students of the vocational shop rooms at Southern High School, resulting in a high level of both cleanliness and safety.



Camp Hickory Outdoor

FY 2012

- 15 total active schools in system
- Avg. Adjusted Age, all schools: 1987
- 3 schools inspected: 1 Elementary, 1 High, 1 Science
- Results:
 - ✓ 1 Superior
 - ✓ 2 Good
 - ✓ 0 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (92.93)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Camp Hickory Outdoor	34	Good	8	19	0	1	0
2. Southern H.	24	Good	11	18	2	0	1
3. Yough Glades E.	14	Superior	20	7	2	0	0
Totals			39	44	4	1	1
Percentage of Total Ratings for System			44%	49%	4%	1%	1%

Harford County

Six schools were inspected in January 2012. Original existing square footage at these schools dates from 1950 to 2008, with adjusted building ages ranging from 5 to 45 years at the time of inspection. Five of the six schools had numerous safety, health and building code violations as well as poorly organized and severely cluttered classrooms, hallways, and storage areas. Better safety and health training should be established for the individual school administrations, faculty and custodial staff to eliminate substantial health and safety hazards, and serious code violations.



North Harford High

Several of the schools are suffering from the lack of proper heating system operations, with inoperable HVAC units and disruptions in service or insufficient service to areas of the buildings. Several buildings have serious roofing problems which should be addressed through the warranties issued at the time of installation. This would reduce further damage from continuous leaks and flooding, and the potential for indoor air quality problems. Aberdeen High School, completed in 2004 and receiving an addition in 2008, was already showing signs of damage from leaks caused by exterior wall, flashing, or condensation issues. North Harford High School, renovated in 2007, also had observed deficiencies in the roof components and the roof monitors, with numerous stained ceiling tiles showing mold-like stains, as well as some inoperable rooftop air handling units.

FY 2012

- 53 total active schools in system
- Avg. Adjusted Age, all schools: 1988
- 6 schools inspected: 3 Elementary, 1 Middle, 2 High
- Results:
 - ✓ 0 Superior
 - ✓ 5 Good
 - ✓ 1 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools **Good (88.73)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Aberdeen H.	8	Good	20	5	2	5	0
2. Abingdon E.	17	Adequate	12	5	7	2	6
3. Church Creek E.	16	Good	14	11	2	3	0
4. Edgewood E.	9	Good	11	6	6	7	1
5. Havre de Grace M.	45	Good	8	13	6	2	0
6. N. Harford H.	5	Good	13	10	3	6	1
Totals			78	50	26	25	8
Percentage of Total Ratings for System			42%	27%	14%	13%	4%

Howard County

Twelve schools were inspected in February 2012. Original square footage at these schools dates from 1951 to 2009, with adjusted building ages ranging from 5 to 17 years at the time of the inspections. Five of the schools, all built between 1995 and 2002, have never been renovated although each of the other schools have received renovations. The observed physical facility conditions were similar at all schools and this appears to be the result of schools being maintained in a generally good or superior manner in Howard County. The majority of deficiencies found during these inspections were life/safety code and fire code violations, most of which were very serious in nature and hazardous to both the students and staff. It is recommended that all administrative, faculty and custodial staff receive routine and frequent building safety training, and schools be routinely inspected to assure safety guidelines are followed.

One of the older facilities, Dunloggin Middle School, was scheduled for a roof replacement and the newest building, Reservoir High School, needed repairs for continuous leaks near the Auditorium, which have occurred since construction was completed. There is a concern that roofs are not being routinely inspected twice a year on an evenly scheduled basis; the schools inspected by the IAC this year received roof inspections immediately prior to the State's visits.



Gorman Crossing Elementary

FY 2012

- 73 total active schools in system
- Avg. Adjusted Age, all schools: 1996
- 12 schools inspected: 5 Elementary, 4 Middle, 2 High, 1 Career Tech.
- Results:
 - ✓ 2 Superior
 - ✓ 9 Good
 - ✓ 1 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (91.35)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Applications and Research Lab	16	Good	14	12	2	2	0
2. Bonnie Branch M.	13	Superior	24	7	0	1	0
3. Centennial Lane E.	5	Good	23	4	1	2	2
4. Dunloggin M.	12	Good	9	12	4	3	2
5. Elkridge Landing M.	17	Good	17	7	5	2	1
6. Fulton E.	13	Good	16	7	0	7	0
7. Glenwood M.	12	Good	9	20	3	0	1
8. Gorman Crossing E.	14	Superior	22	7	1	1	0
9. Hollifield Station E.	13	Good	18	9	1	1	2
10. Howard H.	9	Adequate	6	17	4	5	2
11. Jeffers Hill E.	13	Good	15	12	3	1	0
12. Reservoir H.	10	Good	18	4	3	2	5
Totals			191	118	27	27	15
Percentage of Total Ratings for System			51%	31%	7%	7%	4%

Kent County

One school was inspected in September 2011. Original existing square footage at this school dates from 1950, with an adjusted building age of 35 years at the time of inspection as a result of additions and renovations. This school is in good condition for its age and is nicely maintained. However, similar to the condition of the school surveyed in FY 2011, at the time of inspection it was noted that the aging roof needed repairs and preventive maintenance to avoid the possibility of interior damage caused by roof leaks. Some minor structural damage to the exterior walls and sidewalks as a result of the August 2011 earthquake was found during the inspection. These areas were to be investigated for structural integrity by the county.



Kent County Middle

FY 2012

- 7 total active schools in system
- Avg. Adjusted Age, all schools: 1977
- 1 school inspected: 1 Middle
- Results:
 - ✓ 0 Superior
 - ✓ 1 Good
 - ✓ 0 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected school: **Good (90.85)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Kent County M.	36	Good	8	16	4	1	0
Totals			8	16	4	1	0
Percentage of Total Ratings for System			28%	55%	14%	3%	0%

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Montgomery County

Forty-six schools were surveyed in May and June 2012. Original existing square footage at these schools dates from 1934 to 2012, with adjusted building ages ranging from 57 to 0 years at the time of inspection. Seven Locks Elementary School opened in the spring of 2012. Only eight of the surveyed schools have an adjusted building age of 30 years or greater.

As in previous years, roofing deficiencies continue to be found, with sixteen of the surveyed schools receiving “Not Adequate” or “Poor” ratings in the roof or rooftop equipment categories of the survey. A large number of the surveyed schools again received “Not Adequate” or “Poor” ratings for ceilings; the numerous stained ceiling tiles found in these schools are indicative of either roof leaks or faulty mechanical equipment or piping. A roof inspection training program initiated in the fall of 2008 has not improved the overall roof conditions, as the repairs are not being made soon after the inspections and reports have been completed. Our inspectors again reported the presence of mold-like discoloration at many of the damaged ceiling tiles, indicating that leaks are not being addressed in a timely manner and suspected mold growth is not being addressed immediately upon detection.

Of the forty-six schools surveyed this year, thirty-six were deficient with fire and safety items and several had significant health related issues. The eight schools which received “Superior” ratings ranged in age from new to 18 years old. The two schools that were rated as “Not Adequate” this year had an adjusted age of over twenty-five years. Gaithersburg High School was inspected when the old facility was still in use while the replacement school was being constructed. Conditions here were found to be very poor in some respects, with substantial overgrowth of vegetation around and on the building, broken glass and hardware on aged and weathered windows and doors, severely damaged soffits, nonfunctioning or poorly functioning HVAC equipment, and extensive ceiling damage with what appeared to be mold growth from roof and valve leaks. It was apparent that many of these serious deficiencies had been allowed to become severe over a period of time. Silver Spring International Middle School shares a facility with Sligo Creek Elementary School. The Auditorium, which was surveyed with the middle school inspection, has

been abandoned for years and is in a deplorable state. It is not sealed off and the advanced stages of deterioration found inside are a serious health risk for all who use this building. This clearly needs to be addressed without delay. Additionally, there is a water tightness and water penetration problem of the building envelope. The older portion of this building has a slate roof.



Ronald McNair Elementary

FY 2012

- 209 total active schools in system
- Avg. Adjusted Age, all schools: 1990
- 46 schools inspected: 31 Elementary, 11 Middle, 2 High, 2 Alternate
- Results:
 - ✓ 6 Superior
 - ✓ 28 Good
 - ✓ 10 Adequate
 - ✓ 2 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools:
Good (89.24)

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Argyle M.	41	Adequate	5	17	7	0	3
2. Bannockburn E.	25	Good	11	13	9	0	0
3. Brooke Grove E.	22	Good	4	20	4	4	0
4. Cabin John M.	1	Superior	28	3	1	1	0
5. Cannon Road E.	0	Superior	29	2	0	1	0
6. Carson (Rachel) E.	22	Adequate	4	11	9	9	0
7. Chevy Chase E.	17	Superior	20	10	2	0	0
8. College Gardens E.	5	Superior	22	7	1	1	0
9. Daly (Capt. James E.) E.	23	Good	13	15	4	0	0
10. Drew (Dr. Charles) E.	20	Adequate	5	12	6	8	2
11. Farmland E.	1	Good	25	3	0	3	1
12. Flower Valley E.	21	Good	10	13	4	4	1
13. Forest Oak M.	17	Good	16	10	3	2	1
14. Gaithersburg H.	30	Not Adequate	0	3	12	16	3
15. Galway E.	6	Superior	23	8	0	1	0
16. Gibbs, Jr. (William B.) E.	3	Good	21	5	2	3	1
17. Greencastle E.	24	Adequate	3	14	9	4	2
18. Grosvenor Center	54	Good	8	10	11	1	0
19. Harmony Hills E.	18	Good	20	6	0	5	1
20. Kemp Mill E.	18	Good	12	13	2	3	0
21. Kingsview M.	15	Good	17	10	2	3	2
22. Lakelands Park M.	7	Good	17	7	3	6	0
23. Little Bennett E.	6	Good	17	10	4	1	1
24. Loiederman (A. Mario) M.	7	Good	7	18	5	2	0
25. Matsunaga (Spark M.) E.	11	Adequate	6	12	3	9	4
26. McNair (Ronald) E.	22	Adequate	7	9	5	10	1
27. Mill Creek Towne E.	36	Good	16	12	4	1	0
28. Newport Mill M.	54	Good	13	14	4	2	0
29. Oak View E.	23	Good	14	10	6	1	0
30. Oakland Terrace E.	18	Good	21	11	0	1	0
31. Poole (John) M.	15	Good	18	9	0	3	0
32. Radnor Center	57	Good	3	17	10	0	2
33. Ride (Dr. Sally K.) E.	17	Adequate	7	13	4	8	1
34. Rock View E.	10	Good	9	16	3	4	1
35. Rocky Hill M.	8	Good	14	6	9	2	2
36. Rosa Parks M.	19	Good	11	14	6	1	0
37. Roscoe Nix E.	6	Good	23	4	1	3	0
38. Sequoyah E.	22	Good	10	15	2	3	2
39. Seven Locks E.	0	Superior	25	6	0	2	0
40. Shriver (Sargent) E.	6	Good	21	9	0	3	0
41. Silver Spring International M.	26	Not Adequate	0	7	11	6	9
42. Sligo Creek E.	13	Adequate	3	15	10	4	1
43. Summit Hall E.	32	Adequate	3	14	6	5	2
44. Takoma Park E.	17	Good	15	13	3	0	2
45. Westover E.	38	Good	21	10	1	0	1
46. Wootton (Thomas S.) H.	26	Adequate	4	17	8	1	4
Totals			271	271	101	71	32
Percentage of Total Ratings for System			36%	36%	14%	10%	4%

Prince George's County

Forty-six schools, including five schools that received ratings of "Not Adequate" when previously inspected in FY 2011, were inspected in November 2011 through January 2012. Original square footage at the surveyed schools dates from 1928 to 2007, with adjusted building ages ranging from 55 to 4 years at the time of inspection. Of the schools inspected, there has been a noticeable improvement in condition: unlike in previous years, no schools received scores of "Not Adequate" or "Poor," and all of the five schools that were re-inspected had improved in their overall scores and in most of the categories that were previously found to be deficient; two progressed from "Not Adequate" to "Good." These improvements can be largely attributed to the increased focus on maintenance on the part of the Chief Executive Officer and the Deputy CEO, and to structural changes that have taken place within the facility management departments.

In general, improvement was noted in site appearance, site utilities, interior appearance and sanitation, electrical distribution, and plumbing and bathroom fixtures. Some improvement is also noted in the maintenance of the steam and chilled water distribution systems. On-going monitoring is important to build on these achievements, since many categories depend on the day-to-day performance of school administrators and staff.

Ventilation equipment (particularly exhaust fans) and roofs still show far too many schools with ratings of "Not Adequate" or "Poor," emerging in part from not consistently carrying out roof inspections twice a year for all schools, as required by regulation and as a condition for State Capital Improvement Program funding, and by not making corrections immediately after roof deficiencies are noted. Of the schools inspected this year, a large percentage showed the following deficiencies: HVAC equipment needing extensive repairs; aged and damaged windows and doors in need of replacement; and severely stained, damaged, or missing ceiling tiles, in some cases containing black mold. A number of life safety deficiencies remain at unacceptably high levels, including improperly maintained fire suppression equipment and systems, with fire extinguishers expired, missing, not mounted properly, or not receiving the required 30 day visual inspections; a lack of certifications and/or inspections required for the

fire suppression equipment, elevators and lifts, electrical switchgear, main water supply backflow preventers and annunciator panels; inadequate site utility shut-off signage; poorly maintained electrical and equipment rooms; and poor maintenance of emergency generators. In most schools, required AHERA documentation was missing, not recent, or not up to date.

Four schools that opened in the previous 12 years received scores of "Adequate," with many individual maintenance categories receiving ratings of "Not Adequate" or "Poor." These disappointing results in virtually new schools may result from several causes: design and construction deficiencies; the lack of proper building commissioning; inadequate staff training; and a failure to exercise warranties, particularly with respect to roofing.



Drew Freeman Middle

FY 2012

- 197 total active schools in system
 - Avg. Adjusted Age, all schools: 1979
 - 46 schools inspected: 32 Elementary, 2 Elementary/Middle, 7 Middle, 2 High, 2 Special Ed., 1 Alternate
- Results:
- ✓ 2 Superior
 - ✓ 28 Good
 - ✓ 16 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools:
Good (87.57)

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Adelphi E.	4	Good	8	15	4	5	0
2. Annapolis Road Academy Alt. H.	28	Good	6	17	7	1	1
3. Berwyn Heights E.	10	Superior	27	5	0	2	0
4. Bladensburg E.	22	Good	12	7	7	5	0
5. Bond Mill E.	44	Good	17	9	3	1	0
6. Buck Lodge M.	21	Adequate	9	13	5	3	3
7. Catherine T. Reed E. (re-inspection)	43	Good	3	17	9	1	1
8. Cesar Chavez E.	46	Good	5	19	4	3	0
9. Cool Spring E.	18	Good	9	17	6	3	0
10. Dodge Park E.	10	Good	13	9	5	5	0
11. Drew-Freeman M.	17	Good	12	16	3	0	1
12. Dwight D. Eisenhower M. (re-inspection)	42	Good	7	22	2	0	0
13. Ernest Everett Just M.	9	Good	14	13	0	6	0
14. Fairmont Heights H. (re-inspection)	52	Adequate	2	11	13	3	3
15. Francis Scott Key E.	14	Good	14	9	5	4	0
16. Glenn Dale E.	44	Good	8	15	8	0	0
17. Greenbelt E.	19	Adequate	11	7	3	7	4
18. Greenbelt M. (Former)	55	Adequate	0	2	17	11	1
19. Highland Park E.	24	Adequate	6	11	5	9	3
20. Jessie B. Mason (Former)	31	Good	6	16	7	2	0
21. Judith P. Hoyer Montessori	40	Adequate	2	4	16	6	3
22. Kenmoor E.	46	Good	8	7	9	3	2
23. Kenmoor M.	39	Adequate	3	10	10	5	5
24. Kingsford E.	18	Good	11	14	2	1	3
25. Lake Arbor E.	10	Good	12	12	4	4	1
26. Magnolia E.	41	Adequate	6	13	5	4	3
27. Margaret Brent Regional School	30	Good	4	16	8	3	2
28. Mary Harris Mother Jones	10	Adequate	7	12	1	10	3
29. Northview E.	5	Good	24	3	1	4	1
30. Overlook E.	35	Adequate	4	10	13	3	0
31. Perrywood E.	11	Adequate	9	9	5	6	3
32. Port Towns E.	8	Adequate	10	4	7	10	2
33. Robert R. Gray E.	11	Adequate	11	8	3	10	2
34. Rockledge E.	44	Good	9	14	7	0	0
35. Rosa L. Parks E.	6	Superior	24	7	0	2	0
36. Rosaryville E.	10	Good	18	8	2	5	0
37. Samuel P. Massie Academy	8	Good	20	6	4	1	1
38. Scotchtown Hills E.	17	Good	19	8	2	1	2
39. Suitland E.	8	Good	17	6	3	5	2
40. Suitland H. Annex	49	Good	9	11	8	4	0
41. Tayac E. (re-inspection)	45	Adequate	3	16	8	1	3
42. Valley View E.	42	Good	12	13	4	1	0
43. Walker Mill M. (re-inspection)	42	Adequate	3	7	11	9	2
44. Whitehall E.	7	Good	17	10	1	1	0
45. William W. Hall Academy	7	Good	22	3	3	4	0
46. Woodridge E.	31	Adequate	6	14	7	6	0
Totals			479	495	257	180	57
Percentage of Total Ratings for System			33%	34%	18%	12%	4%

Queen Anne's County

Two schools were inspected in September 2011. Original existing square footage at these schools dates from 1952 to 2007. Kennard Elementary School, the older of the two, was completely renovated with an addition in 2001, giving it an adjusted age of 11 years at the time of inspection. A classroom addition was just beginning construction when the school was inspected and several construction preparation issues regarding access and egress were identified and discussed at the time.

Matapeake Middle School, constructed in 2007, was found to have a variety of design or construction faults which needed attention in order to reduce the possibility of structural deterioration or damage to interior finishes. These and other items were brought to the attention of the Queen Anne's County Public Schools staff at the time of inspection and to the Superintendent in February 2013.



Matapeake Middle

FY 2012

- 15 total active schools in the system
- Avg. Adjusted Age, all schools: 1998
- 2 schools inspected: 1 Elementary, 1 Middle
- Results:
 - ✓ 0 Superior
 - ✓ 1 Good
 - ✓ 1 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (86.74)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Kennard E.	9	Adequate	7	10	4	6	2
2. Matapeake M.	5	Good	17	5	0	6	2
Totals			24	15	4	12	4
Percentage of Total Ratings for System			41%	25%	7%	20%	7%

St. Mary's County

Three schools were inspected in May 2012. Original existing square footage at these schools dates from 1957 to 2009, with adjusted building ages ranging from 7 to 3 years. Margaret Brent Middle School, the oldest of the three inspected schools, was built in 1957 with additions in 1971 and 1978 and received a complete renovation with an addition in 2005. The other two were built new within six years of these inspections. The two new schools, Evergreen Elementary School and G. W. Carver Elementary School, received "Superior" ratings as would be expected of new facilities but a common issue noted for the two schools was the questionable roof condition, possibly a remaining installation issue from construction. The renovated school, Margaret Brent Middle School, although achieving a mid-range "Good" rating, had a few issues that were in strong need of attention, areas of missing bricks and open mortar joints, and numerous ceiling tile stains as a result of condensation leaks from the HVAC distribution system; this is significant because both conditions can cause damage and this school is considered by the State to be only seven years old due to the complete renovation it received in 2005.

To St. Mary's credit, this is overall a very well maintained school system. Of special note, the Evergreen Elementary School is a highly acclaimed school noted for its innovative design and LEED Gold rating.



Margaret Brent Middle

FY 2012

- 26 total active schools in system
- Avg. Adjusted Age, all schools: 1995
- 3 schools inspected: 2 Elementary, 1 Middle
- Results:
 - ✓ 2 Superior
 - ✓ 1 Good
 - ✓ 0 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (93.98)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Evergreen E.	3	Superior	23	6	1	2	0
2. George Washington Carver E.	6	Superior	20	7	3	0	0
3. Margaret Brent M.	7	Good	15	11	4	2	1
Totals			58	24	8	4	1
Percentage of Total Ratings for System			61%	25%	8%	4%	1%

Somerset County

Two schools were inspected in August 2011. Somerset Intermediate School was constructed in 2007 and opened in 2008. Original existing square footage at Washington High School dates from 1978 and a four-phase renovation was being completed at the time of inspection. Both schools received overall “Superior” ratings as is expected for new construction.

The inspections this year were conducted just after Hurricane Irene hit this region. A few minor areas of damage were observed, predominately at Somerset Intermediate School where driving wind and rain caused leaking at the windows and roof. In their April 2012 response, Somerset County reported that these were still unresolved, even after multiple attempts to repair, and they were in the process of contacting the contractor to correct the problems. At Washington High School, improper storage of materials was found in equipment rooms, classrooms, and hallways. These areas were expected to be cleaned up and organized once the contractors completed their work and left the building.

Both project provided very nice upgrades to the public school facility infrastructure in Somerset County.



Washington High

FY 2012

- 10 total active schools in system
- Avg. Adjusted Age, all schools: 1990
- 2 schools inspected: 1 Middle, 1 High
- Results:
 - ✓ 2 Superior
 - ✓ 0 Good
 - ✓ 0 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Superior (96.99)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Somerset Intermediate	4	Superior	24	4	1	0	0
2. Washington H.	33	Superior	21	8	1	1	0
Totals			45	12	2	1	0
Percentage of Total Ratings for System			75%	20%	3%	2%	0%

Talbot County

Two schools were inspected in August and September 2011. Original existing square footage at these schools dates from 1953 at Easton Middle School and 1957 at White Marsh Elementary School, with adjusted building ages of 9 and 15 years respectively due to renovations and additions. Both schools have been well cared for by the students and staff who appear to have great pride in their schools. Easton Middle School received a complete renovation and small cafeteria addition with CIP funding in 2003. White Marsh Elementary School was completely renovated in 1997 with CIP funding and an additional 1,290 sf was added in 2001 with local funding for a kindergarten classroom. Both schools received high scores within the “Good” category and are very well maintained, which is typical of all Talbot County Public Schools.



Easton Middle

This system could greatly benefit from adding several more facility maintenance employees to help address the workload and to perform necessary maintenance in areas that are beginning to show deficiencies from the lack of important and necessary upkeep. Talbot County has the newest school facilities in the State at 15 years, based on the average age of square feet.

FY 2012

- 9 total active schools in system
- Avg. Adjusted Age, all schools: 2000
- 2 schools inspected: 1 Elementary, 1 Middle
- Results:
 - ✓ 0 Superior
 - ✓ 2 Good
 - ✓ 0 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (94.68)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Easton M.	9	Good	20	10	0	1	0
2. White Marsh E.	15	Good	16	12	2	1	0
Totals			36	22	2	2	0
Percentage of Total Ratings for System			58%	35%	3%	3%	0%

Washington County

Seven schools were inspected in March 2012. Original existing square footage at these schools dates from 1956 to 2008, with adjusted building ages ranging from 46 to 4 years at the time of inspection. Schools inspected this year were in generally good condition. However, several schools were found to be negatively impacted by poorly installed or improperly installed roofing, flashing, and rooftop equipment. More aggressive construction oversight may be needed to assure that all work has been substantially completed as required and all punch list items have been addressed prior to final payment and closeout. Any additional items found after completion should be easily addressed within the first 12 months and fully covered under the terms and conditions of the construction warranty.



Pangborn Blvd. Elementary

Pangborn Boulevard Elementary School was just constructed in 2008 and is a beautiful school. However, the staff should be prohibited from accumulating excessive clutter in the classrooms that may hamper custodial cleaning, attaching student items to and damaging the nearly new window blinds, and attaching excessive amounts of student items to wall surfaces with adhesives. This behavior is by no means unique to this school or to this school system; it is seen throughout the state but is most egregious when observed in new schools.

FY 2012

- 48 total active schools in system
- Avg. Adjusted Age, all schools: 1984
- 7 schools inspected: 4 Elementary, 1 Middle, 1 Middle/High, 1 High
- Results:
 - ✓ 1 Superior
 - ✓ 5 Good
 - ✓ 1 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (90.55)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Greenbrier E.	41	Good	9	14	5	0	1
2. Hancock M./H.	46	Good	6	21	5	0	0
3. Maugansville E.	4	Superior	23	9	1	0	0
4. Northern M.	32	Good	12	12	7	1	0
5. Pangborn Blvd. E.	4	Good	22	5	2	4	0
6. Paramount E.	18	Good	13	10	4	2	0
7. South Hagerstown H.	13	Adequate	4	18	3	6	2
Totals			89	89	27	13	3
Percentage of Total Ratings for System			40%	40%	12%	6%	1%

Wicomico County

Three high schools were inspected in September 2011. Original square footage at these schools dates from 1954 to 2010, with adjusted building ages ranging from 20 to 2 years. J. M. Bennett High School was demolished and a new replacement school was constructed in 2010; the separate Auditorium was retained and renovated in 2011. Parkside High School, constructed in 1974, received an addition and small amount of renovation in 1996. Wicomico High School, constructed in 1954, has received several additions and a renovation of most of the building in 1996 as well. All three schools have benefitted from numerous small projects over the years including many CIP and Aging Schools Program upgrades and replacements.



James M. Bennett High

The staff has maintained these schools very well. The new J. M. Bennett High School was in near perfect condition and Wicomico High School is a very clean and well-maintained facility. Parkside High School did not score as well, primarily due to several safety issues that needed to be addressed. This LEA continues to make needed repairs and updates in a timely manner, keeping these schools in very good operational condition.

FY 2012

- 24 total active schools in system
- Avg. Adjusted Age, all schools: 1988
- 3 schools inspected: 2 High, 1 Special Ed.
- Results:
 - ✓ 1 Superior
 - ✓ 2 Good
 - ✓ 0 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (94.21)**

School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. J.M. Bennett H.	2	Superior	34	0	0	0	0
2. Parkside H.	28	Good	11	12	7	4	0
3. Wicomico H.	20	Good	16	12	2	1	0
Totals			61	24	9	5	0
Percentage of Total Ratings for System			62%	24%	9%	5%	0%

Worcester County

Three schools were inspected in September 2011. Original existing square footage at these schools dates from 1970 to 2005, reflecting adjusted building ages ranging from 42 to 5 years at the time of inspection.

The last inspection performed on Ocean City Elementary was in 1994, and the school has since been demolished and replaced with a new building; this 7-year old school is extremely well cared for by the onsite staff and appears as if new. In contrast, Berlin Intermediate School, a much older and open space classroom facility, would benefit greatly from a complete renovation, although several systemic renovations and many ASP projects have been performed over the past 15 years. The Cedar Chapel Special School is an open space school as well, and has been very well maintained with an excellent onsite custodial staff.



Ocean City Elementary

FY 2012

- 14 total active schools in system
- Avg. Adjusted Age, all schools: 1990
- 3 schools inspected: 1 Elementary, 1 Elementary/Middle, 1 Special Ed.
- Results:
 - ✓ 1 Superior
 - ✓ 1 Good
 - ✓ 1 Adequate
 - ✓ 0 Not Adequate
 - ✓ 0 Poor
- Overall condition of inspected schools: **Good (92.41)**

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School Name	Adjusted Age	Overall Rating	Rating of Individual Categories (does not include items not rated)				
			Superior	Good	Adequate	Not Adequate	Poor
1. Berlin Intermediate	42	Adequate	6	8	10	5	0
2. Cedar Chapel Special	26	Good	14	12	2	1	0
3. Ocean City E.	7	Superior	27	5	0	0	0
Totals			47	25	12	6	0
Percentage of Total Ratings for System			52%	28%	13%	7%	0%