



IAC MEETING AGENDA

Thursday, September 14, 2023

Virtual Meeting
9:00 a.m.

Live and archived streams of IAC meetings are available at <https://mdschoolconstruction.org>
Please visit <https://mdschoolconstruction.org> to sign up for public comment.

Introduction

- Meeting called to order
- Roll Call
- Revisions to the Agenda
- Public Comment

| | | Presenter | Page |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------------------------|
| 1 | Executive Director's Report | Alex Donahue, Executive Director | |
| 2 | Consent Agenda A. August 10, 2023 Minutes B. Contract Awards C. Site Approval - Montgomery County Public Schools - Former Forest Grove Elementary School D. Easements Informational E. Built to Learn Project Status Report | Alex Donahue, Executive Director | 2* 5* 57* 59* 60 |
| 3 | Recommended Revisions to the Gross Area Baselines (GABs) | Alex Donahue, Executive Director; Melissa Wilfong, Capital Projects Supervisor | 62* |
| 4 | Baltimore City Public Schools - Northeast Middle School Limited Renovation - Capital Improvement Program (CIP) Rescission & Amendment | Arabia Davis, Funding Programs Manager; Melissa Wilfong, Capital Projects Supervisor | 103* |
| 5 | Fiscal Year 2023 Maintenance of Maryland's Public School Buildings Annual Report | Scott Snyder, Manager, Assessment & Maintenance Group; Brooke Finneran, Maintenance Administrative Officer | 104* |
| 6 | IAC Fiscal Year 2023 Annual Report | Hannah Sturm, Communications Coordinator | 304* |

Announcements

*Action Item



Item 2.A. August 10, 2023 Minutes

Motion:

To approve the draft August 10, 2023 IAC Meeting Minutes, as presented.



DRAFT Meeting Minutes – August 10, 2023

Call to Order:

Chair Kasemeyer called the video-conference meeting of the Interagency Commission on School Construction to order at 9:01 a.m.

Members in Attendance:

Edward Kasemeyer, Appointee of the President of the Senate, Chair
Linda Eberhart, Appointee of the Speaker of the House, Vice-chair
Assistant Secretary Courtney League as Designee for Secretary Atif Chaudhry, Maryland Department of General Services
Superintendent Mohammed Choudhury, Maryland State Department of Education
Brian Gibbons, Appointee of the Speaker of the House
Secretary Rebecca Flora, Maryland Department of Planning
Gloria Lawlah, Appointee of the President of the Senate

Members Not in Attendance:

Michael Darenberg, Appointee of the Governor

Revisions to the Agenda:

There were no revisions to the agenda.

Public Comment:

None.

IAC Correspondence:

None.

1. Executive Director's Report – [Informational Only]

Alex Donahue, IAC Executive Director, provided an update on IAC initiatives.

2. Consent Agenda – [Motion Carried]

Upon a motion by Ms. Lawlah, seconded by Vice Chair Eberhart, the IAC voted unanimously to approve the consent agenda.

A. June 13, 2023 Minutes

To approve the draft July 13, 2023 IAC Meeting Minutes, as presented.

B. Contract Awards

To approve contract procurement as noted below.

C. Revision to Previously Approved Contract

To approve the revision to one previously approved contract award as presented to accurately reflect the adjustments to the State and local participation in the contract amount.

D. Pass-Through Grant Amendment and Approval - Caroline County Public Schools

To approve recission of \$56,883 of Pass-Through Grant funds for the Caroline County Public Schools multi-bathroom remodeling project at Federalsburg Elementary School (PSC 05.007) and

to apply the funds to a new Pass-Through Grant project for the Caroline County Public Schools Hot Water Boiler replacement at North Caroline High School (PSC 05.002) in the amount of \$56,883.

3. Draft Recommended Revisions to the Gross Area Baselines – [Informational Only]

Executive Director Donahue and Capital Projects Supervisor Melissa Wilfong presented draft proposed updates to the Gross Area Baselines (GABs), which were last updated in 2019. A feedback period is currently underway with representatives of Local Education Agencies, County Governments, and State Agencies; staff will bring a finalized proposal to the IAC at the September meeting for a second reading and a vote to adopt.

Upon questions from Commission members, staff shared that there was collaboration and agreement that the proposed GABs are at appropriate levels.

Announcements:

There were no announcements.

Adjournment:

Upon a motion by Secretary Flora, with a second by Vice-chair Eberhart, the IAC voted unanimously to adjourn the meeting at 9:56 a.m.



Item 2.B. Summary Of Contract Awards

Motion:

To approve contract procurement as noted below.

The IAC staff has reviewed the contract procurement for the following State approved projects and recommends IAC approval.

| | | <u>Bid Opening</u> | <u>Total Contract</u> | <u>State Funds</u> | <u>Local Funds</u> |
|-----------------------------------|-------------------------------------------------------------------------------------------|--------------------|-----------------------|--------------------|--------------------|
| <u>Allegany County</u> | | | | | |
| 1. | Washington MS PSC #01.034.23 SR Systemic Renovation - Main Electrical Upgrades | | \$1,113,300 | \$765,000 | \$348,300 |
| | 1 - Freestate Baltimore, LLC | 05/25/2023 | \$1,113,300 | | |
| 2. | Braddock MS PSC #01.035.23 ASP Systemic Renovation - Consumer Science Renovation | | \$196,000 | \$195,582 | \$418 |
| | 1 - Carl Belt, Inc. | 05/25/2023 | \$196,000 | | |
| 3. | Braddock MS PSC #01.035.23 SR Systemic Renovation - Main Electrical Upgrades | | \$1,197,500 | \$765,000 | \$432,500 |
| | 1 - Freestate Baltimore, LLC | 05/25/2023 | \$1,197,500 | | |
| <u>Anne Arundel County</u> | | | | | |
| 4. | Four Seasons ES PSC #02.010.24 B Systemic Renovation - Roof Replacement | | \$2,732,520 | \$1,443,200 | \$1,289,320 |
| | 1 - Vatica Contracting, Inc. | 06/01/2023 | \$2,732,520 | | |

| | | <u>Bid Opening</u> | <u>Total Contract</u> | <u>State Funds</u> | <u>Local Funds</u> |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------|-----------------------|--------------------|--------------------|
| Anne Arundel County - Cont'd | | | | | |
| 5. | Glen Burnie HS PSC #02.020.24 B Systemic Renovation - Fire Alarm System Replacement | | \$628,000 | \$314,000 | \$314,000 |
| | 1 - Action Electrical Contractors, Inc. | 05/17/2023 | \$628,000 | | |
| 6. | Glen Burnie HS PSC #02.020.24 B Systemic Renovation - Fire Alarm System Replacement (Design portion) | | \$65,572 | \$24,000 | \$41,572 |
| | 1 - EBL Engineering, LLC | 06/22/2022 | \$65,572 | | |
| 7. | Northeast MS PSC #02.044.24 B Systemic Renovation - Exterior Doors Replacement | | \$324,600 | \$157,025 | \$167,575 |
| | 1 - Bob Andrews Construction, Inc. | 03/09/2023 | \$324,600 | | |
| 8. | Annapolis MS PSC #02.061.24 B Systemic Renovation - Roof Replacement | | \$7,165,700 | \$3,921,600 | \$3,244,100 |
| | 1 - Simpson Unlimited | 05/30/2023 | \$7,165,700 | | |
| 9. | Jacobsville ES PSC #02.091.24 B Systemic Renovation - Roof Replacement | | \$2,688,063 | \$1,333,200 | \$1,354,863 |
| | 1 - Vatica Contracting | 05/30/2023 | \$2,688,063 | | |
| 10. | Jones ES PSC #02.094.24 B Systemic Renovation - PA & FA Replacement | | \$785,904 | \$381,000 | \$404,904 |
| | 1 - Lee's Electrical Contracting, Inc. | 05/31/2023 | \$785,904 | | |

| | | <u>Bid Opening</u> | <u>Total Contract</u> | <u>State Funds</u> | <u>Local Funds</u> |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------|--------------------|--------------------|
| <u>Anne Arundel County - Cont'd</u> | | | | | |
| 11. | Riviera Beach ES PSC #02.097.24 B Systemic Renovation - Exterior Doors Replacement 1 - Hayes Construction Co. | 03/09/2023 | \$149,980 | \$59,000 | \$90,980 |
| 12. | Cape St. Claire ES PSC #02.116.24 B System Renovation - PA Replacement 1 - CT Electrical Corp. | 05/05/2023 | \$505,000 | \$195,000 | \$310,000 |
| 13. | North Glen ES PSC #02.118.24 B Systemic Renovation - Roof Replacement 1 - Simpson Unlimited | 06/06/2023 | \$1,776,000 | \$1,028,400 | \$747,600 |
| <u>Baltimore County</u> | | | | | |
| 14. | Perry Hall HS PSC #03.011.23 B Systemic Renovation - Mechanical Upgrades 1 - Towson Mechanical, Inc. | 12/08/2022 | \$8,790,000 | \$3,648,000 | \$5,142,000 |
| 15. | Deer Park MS PSC #03.147.21 HSFF Systemic Renovation - Roof Replacement 1 - Weatherproofing Technologies, Inc. | 05/17/2023 | \$10,415,877 | \$3,690,750 | \$6,725,127 |
| <u>Frederick County</u> | | | | | |
| 16. | Monocacy ES PSC #10.040.17/23/24 B/EGRC Systemic Renovation - Limited Renovation 1 - Oak Contracting, LLC | 05/02/2023 | \$16,998,932 | \$7,744,750 | \$9,254,182 |

| | | <u>Bid Opening</u> | <u>Total Contract</u> | <u>State Funds</u> | <u>Local Funds</u> |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------|-----------------------|--------------------|--------------------|
| <u>Frederick County - Cont'd</u> | | | | | |
| 17. | Brunswick MS PSC #10.055.24 System Renovation - Roof Replacement | | \$759,969 | \$531,978 | \$227,991 |
| | 1 - Garland/DBS, Inc. | 03/27/2023 | \$759,969 | | |
| <u>Queen Anne's County</u> | | | | | |
| 18. | Kent Island HS PSC #17.023.24 B Systemic Renovation - Roof Replacement | | \$7,998,746 | \$4,079,360 | \$3,919,386 |
| | 1 - Garland/DBS, Inc. | 04/17/2023 | \$7,998,746 | | |
| <u>Talbot County</u> | | | | | |
| 19. | Chapel District ES PSC #20.006.24 B Renovation/Addition - Renovation/Addition-Design Services | | \$1,364,899 | \$750,694 | \$614,205 |
| | 1 - Hord Coplan Macht | 06/08/2023 | \$1,364,899 | | |
| <u>Baltimore City</u> | | | | | |
| 20. | #023 Wolfe Street Academy PSC #30.016.22 HSFF Systemic Renovation - Roof Replacement | | \$802,194 | \$552,000 | \$250,194 |
| | 1 - St. Mary's Roofing & Home Improvement, LLC | 03/13/2023 | \$802,194 | | |
| 21. | #083 William Paca ES PSC #30.042.22 HSFF Systemic Renovation - Window / Door Replacements | | \$1,275,113 | \$312,000 | \$963,113 |
| | 1 - Clyde McHenry, Inc. | 05/15/2023 | \$1,275,113 | | |
| 22. | #212 Garrett Heights PK-8 PSC #30.210.24 HSFF Systemic Renovation - Window/Door replacement (Design) | | \$87,921 | \$87,921 | \$0 |
| | 1 - KPN Architects, LLC | 06/02/2023 | \$87,921 | | |

Summary Totals

Total Projects: 22 Total Contracts: 22 \$67,821,790 \$31,979,460 \$35,842,330

APPROVAL OF CONTRACTS

LEA: Allegany County

PSC No. 01.034.23 SR

Project Name: Washington MS

Bid Opening: 5/25/2023

Project Type: Systemic Renovation

Scope of Work: Main Electrical Upgrades

Basis for Award of Contract: Base Bid

Basis of Funding: 90% of eligible base bid up to maximum state approved allocation.

Local Funds: \$348,300

State Funds: \$765,000

Total Contract: \$1,113,300

State Contingency for Change Orders:

| Transfer State Funds: | Account No. | Amount |
|-------------------------------------|--------------------|---------------|
| Decrease Project Amount: | | <u>\$0</u> |
| Increase Contingency Amount: | | <u>\$0</u> |
| Decrease Contingency Amount: | | <u>\$0</u> |
| Increase Project Amount: | | <u>\$0</u> |

| <u>Contract #</u> | <u>Contractor</u> | <u>Total Contract</u> |
|--------------------------|--------------------------|------------------------------|
| 1 | Freestate Baltimore, LLC | <u>\$1,113,300</u> |
| | | <u>\$1,113,300</u> |

Notes: (1) Replace the 1965 main switch gear with a 3,000 Amp, 480/277 volt load center and the main break feeders and panels.
(2) Prevailing wage rates apply to this contract.

IAC Approval Date:

Washington Middle School Main Electrical Upgrades

Bid Tabulation

July 6, 2023, 2:00 PM

| Bidder | | Freestate Baltimore, LLC | S & S Electrical, Inc. | |
|-----------------------------------|---|--------------------------|------------------------|--|
| Addenda | 1 | X | X | |
| | 2 | X | X | |
| | | | | |
| | | | | |
| Bid Bond | | X | X | |
| Affidavit of Qualification to Bid | | X | X | |
| MBE Attachments | | X | X | |
| Base Bid | | \$1,113,300.00 | \$1,314,000.00 | |
| Alternates | | | | |
| N/A | | | | |

APPROVAL OF CONTRACTS

LEA: Allegany County

PSC No. 01.035.23 ASP

Project Name: Braddock MS

Bid Opening: 5/25/2023

Project Type: Systemic Renovation

Scope of Work: Consumer Science Renovation

Basis for Award of Contract: Base Bid and Alt. 1.

Basis of Funding: 100% of eligible base bid and Alt. #1 up to maximum state approved allocation.

Local Funds: \$418

State Funds: \$195,582

Total Contract: \$196,000

State Contingency for Change Orders:

| Transfer State Funds: | Account No. | Amount |
|------------------------------|-------------|------------|
| Decrease Project Amount: | | <u>\$0</u> |
| Increase Contingency Amount: | | <u>\$0</u> |
| Decrease Contingency Amount: | | <u>\$0</u> |
| Increase Project Amount: | | <u>\$0</u> |

| <u>Contract #</u> | <u>Contractor</u> | <u>Total Contract</u> |
|-------------------|-------------------|-------------------------|
| 1 | Carl Belt, Inc. | <u>\$196,000</u> |
| | | <u>\$196,000</u> |

Notes: (1) Replace the existing 1965 casework and the consumer science lab, including the replacement of plumbing and electric outlets.

(2) Prevailing wage rates are not required for this contract.

IAC Approval Date:

Braddock Middle School Consumer Science Renovation

Bid Tabulation

May 25, 2023, 2:00 PM

| | | | | |
|------------------------------------------------------------------------|----------|------------------------|--|--|
| Bidder | | Carl Belt, Inc. | | |
| Addenda | 1 | X | | |
| | | | | |
| | | | | |
| | | | | |
| Bid Bond | | X | | |
| Affidavit of Qualification to Bid | | X | | |
| MBE Attachments | | X | | |
| Base Bid | | 188,000 | | |
| Alternates | | | | |
| 1 - ADD: Wall Cabinets | | 8,000 | | |
| 2 - DEDUCT: Plastic Laminate Countertops and Back/Side Splashes | | 19,500 | | |

APPROVAL OF CONTRACTS

LEA: Allegany County

PSC No. 01.035.23 SR

Project Name: Braddock MS

Bid Opening: 5/25/2023

Project Type: Systemic Renovation

Scope of Work: Main Electrical Upgrades

Basis for Award of Contract: Base Bid

Basis of Funding: 90% of eligible base bid up to maximum state approved allocation.

Local Funds: \$432,500

State Funds: \$765,000

Total Contract: \$1,197,500

State Contingency for Change Orders:

| Transfer State Funds: | Account No. | Amount |
|------------------------------|-------------|------------|
| Decrease Project Amount: | | <u>\$0</u> |
| Increase Contingency Amount: | | <u>\$0</u> |
| Decrease Contingency Amount: | | <u>\$0</u> |
| Increase Project Amount: | | <u>\$0</u> |

| <u>Contract #</u> | <u>Contractor</u> | <u>Total Contract</u> |
|-------------------|--------------------------|---------------------------|
| 1 | Freestate Baltimore, LLC | <u>\$1,197,500</u> |
| | | <u>\$1,197,500</u> |

Notes: (1) Replace the 1965 main switch gear with a 3,000 Amp, 480/277 Volt load center and also replace the main branch feeders and panels.

(2) Prevailing wage rates apply to this contract.

IAC Approval Date:

Braddock Middle School Main Electrical Upgrades

Bid Tabulation

July 6, 2023, 2:00 PM

| Bidder | | S & S Electrical, Inc. | Freestate Baltimore, LLC | |
|-----------------------------------|---|------------------------|--------------------------|--|
| Addenda | 1 | X | X | |
| | 2 | X | X | |
| | | | | |
| | | | | |
| Bid Bond | | X | X | |
| Affidavit of Qualification to Bid | | X | X | |
| MBE Attachments | | X | X | |
| Base Bid | | \$1,290,000.00 | \$1,197,500.00 | |
| Alternates | | | | |
| N/A | | | | |

APPROVAL OF CONTRACTS

LEA: Anne Arundel County

PSC No. 02.010.24 B

Project Name: Four Seasons ES

Bid Opening: 6/01/2023

Project Type: Systemic Renovation

Scope of Work: Roof Replacement

Basis for Award of Contract: Base Bid

Basis of Funding: 50% + 5% incentive add-on of eligible base bid up to maximum state approved allocation.

Local Funds: \$1,289,320

State Funds: \$1,443,200

Total Contract: \$2,732,520

State Contingency for Change Orders:

| | Account No. | Amount |
|------------------------------|-------------|------------|
| Transfer State Funds: | | |
| Decrease Project Amount: | | <u>\$0</u> |
| Increase Contingency Amount: | | <u>\$0</u> |
| Decrease Contingency Amount: | | <u>\$0</u> |
| Increase Project Amount: | | <u>\$0</u> |

| <u>Contract #</u> | <u>Contractor</u> | <u>Total Contract</u> |
|-------------------|--------------------------|---------------------------|
| 1 | Vatica Contracting, Inc. | <u>\$2,732,520</u> |
| | | <u>\$2,732,520</u> |

Notes: (1) Existing roof in need of replacement.
(2) Prevailing wage rates apply to contract.

IAC Approval Date:

23CN-151-011 Roof Replacement at Four Seasons ES

BID Opening

Thursday, June 1, 2023
2:30 PM

| | | | | |
|-------------------|--------------------------|---------------------------------|------------------------------|----------------------------|
| CONTRACTOR | Autumn Contracting, Inc. | CitiRoof Corporation | Ruff Roofing and Sheet Metal | Cole Roofing Company, Inc. |
| BASE BID | \$3,924,000 | \$3,160,000 | \$3,884,380 | \$3,984,900 |
| CONTRACTOR | Simpson Unlimited, Inc. | Vatica Contracting, Inc. | | |
| BASE BID | \$3,400,000 | \$2,732,520 | | |

Bold Indicates Awardee

APPROVAL OF CONTRACTS

LEA: Anne Arundel County

PSC No. 02.020.24 B

Project Name: Glen Burnie HS

Bid Opening: 5/17/2023

Project Type: Systemic Renovation

Scope of Work: Fire Alarm System Replacement

Basis for Award of Contract: Base Bid

Basis of Funding: 50% of eligible base bid up to maximum state approved allocation.

Local Funds: \$314,000

State Funds: \$314,000

Total Contract: \$628,000

State Contingency for Change Orders:

| Transfer State Funds: | Account No. | Amount |
|-------------------------------------|--------------------|---------------|
| Decrease Project Amount: | | <u>\$0</u> |
| Increase Contingency Amount: | | <u>\$0</u> |
| Decrease Contingency Amount: | | <u>\$0</u> |
| Increase Project Amount: | | <u>\$0</u> |

| <u>Contract #</u> | <u>Contractor</u> | <u>Total Contract</u> |
|--------------------------|-------------------------------------|------------------------------|
| 1 | Action Electrical Contractors, Inc. | <u>\$628,000</u> |
| | | <u>\$628,000</u> |

Notes: (1) Building A-Fire Alarm Replacement and Sprinkler System Modification

(2) Prevailing wage rates apply to contract.

IAC Approval Date:

23CN-151-015

**GBHS Bldg A-Fire Alarm System Replacement & Sprinkler System
Modification**

| | | | |
|-------------------|------------------------|------------------------------------------------|---------------------------------------|
| CONTRACTOR | C. T. Electrical Corp. | Action Electrical Contractors, Inc. | Lee's Electrical Contracting, Inc. |
| BASE BID | \$1,160,000 | \$628,000 | \$666,537 |

Bold Indicates Awardee

APPROVAL OF CONTRACTS

LEA: Anne Arundel County

PSC No. 02.020.24 B

Project Name: Glen Burnie HS

Bid Opening: 6/22/2022

Project Type: Systemic Renovation

Scope of Work: Fire Alarm System Replacement (Design portion)

Basis for Award of Contract: Proposal

Basis of Funding: 50% of eligible proposal up to maximum state approved allocation.

Local Funds: \$41,572

State Funds: \$24,000

Total Contract: \$65,572

State Contingency for Change Orders:

| Transfer State Funds: | Account No. | Amount |
|-------------------------------------|--------------------|---------------|
| Decrease Project Amount: | | <u>\$0</u> |
| Increase Contingency Amount: | | <u>\$0</u> |
| Decrease Contingency Amount: | | <u>\$0</u> |
| Increase Project Amount: | | <u>\$0</u> |

| <u>Contract #</u> | <u>Contractor</u> | <u>Total Contract</u> |
|--------------------------|--------------------------|------------------------------|
| 1 | EBL Engineering, LLC | <u>\$65,572</u> |
| | | <u>\$65,572</u> |

Notes: (1) Building A-Fire Alarm Replacement and Sprinkler System Modification (Design portion)
(2) Prevailing wage rates apply to contract.

IAC Approval Date:

ANNE ARUNDEL COUNTY PUBLIC SCHOOLS
ARCHITECTURAL AND ENGINEERING SERVICES
PROPOSAL SUMMARY

PROJECT TITLE: Fire Alarm Replacement and Sprinkler System Modifications at Glen Burnie HS – Building A

RFP NUMBER: 18CN-043-077

| <u>SCHEDULE</u> | <u>DATE</u> |
|----------------------------------------------------|-------------------------------------------------------------------|
| Notice-to-Proceed (NTP) | Immediately After Board Approval |
| 50% Submission | 60 Days ARO |
| On-Board Review | 65 Days ARO |
| 95% /IAC Submission | 120 Days ARO |
| On-Board Review | 125 Days ARO |
| 100%/Final Documents (4 to 6 weeks to Bid Opening) | 140 Days ARO |
| Bids Due | 42 Days after Final Documents |
| Construction Starts | Immediately After Supervisor of Purchasing Signs Contract and NTP |
| Substantial Completion | 482 ARO |

FEE
 Firm fixed fee for this task **\$ 65,572.00**

FEE BREAKDOWN

| <u>Phase</u> | <u>Fee</u> |
|-----------------------------------|-------------------|
| Design Phase | \$ 22,917.00 |
| Bid Phase | \$ 4083.00 |
| Construction Administration Phase | \$ 38,572.00 |

| <u>Subconsultant Firm(s)</u> | <u>MDOT Cert. No.</u> | <u>% of Utilization</u> |
|-------------------------------------|------------------------------|--------------------------------|
| 1. N/A | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| Total | | % |

PROJECT BUDGET

AACPS Construction cost estimate for this project is \$ 650,000.00

INSTRUCTION NOTE: In space(s) that do not apply to the proposal, place “N/A”.
 In the **SCHEDULE** section, you shall use calendar days starting with NTP.
ARO: After Receipt of Order

14

APPROVAL OF CONTRACTS

LEA: Anne Arundel County

PSC No. 02.044.24 B

Project Name: Northeast MS

Bid Opening: 3/09/2023

Project Type: Systemic Renovation

Scope of Work: Exterior Doors Replacement

Basis for Award of Contract: Base Bid

Basis of Funding: 50% + 5% incentive add-on of eligible base bid up to maximum state approved allocation.

Local Funds: \$167,575

State Funds: \$157,025

Total Contract: \$324,600

State Contingency for Change Orders:

| | Account No. | Amount |
|------------------------------|--------------------|---------------|
| Transfer State Funds: | | |
| Decrease Project Amount: | | <u>\$0</u> |
| Increase Contingency Amount: | | <u>\$0</u> |
| Decrease Contingency Amount: | | <u>\$0</u> |
| Increase Project Amount: | | <u>\$0</u> |

| <u>Contract #</u> | <u>Contractor</u> | <u>Total Contract</u> |
|-------------------|--------------------------------|-------------------------|
| 1 | Bob Andrews Construction, Inc. | <u>\$324,600</u> |
| | | <u>\$324,600</u> |

Notes: (1) Exterior Doors Replacement
(2) Prevailing wage rates apply to contract.

IAC Approval Date:

20CN-072-031 Exterior Door Replacement at Northeast Middle School

| | | | | |
|-------------------|-----------------------------------------|----------------------------|----------------------------|------------------------------|
| CONTRACTOR | Bob Andrews Construction Inc | Nastos Construction Inc | Strayer Contracting Inc | Baltimore Contractors Inc |
| BASE BID | \$324,600.00 | \$357,000.00 | \$397,960.00 | \$343,888.00 |
| | | | | |
| CONTRACTOR | Hayes Construction | | | |
| BASE BID | \$484,490.00 | | | |

Bold indicates awardee

APPROVAL OF CONTRACTS

LEA: Anne Arundel County

PSC No. 02.061.24 B

Project Name: Annapolis MS

Bid Opening: 5/30/2023

Project Type: Systemic Renovation

Scope of Work: Roof Replacement

Basis for Award of Contract: Base Bid

Basis of Funding: 50% + 10% incentive add-on of eligible base bid up to maximum state approved allocation.

Local Funds: \$3,244,100

State Funds: \$3,921,600

Total Contract: \$7,165,700

State Contingency for Change Orders:

| | Account No. | Amount |
|------------------------------|-------------|------------|
| Transfer State Funds: | | |
| Decrease Project Amount: | | <u>\$0</u> |
| Increase Contingency Amount: | | <u>\$0</u> |
| Decrease Contingency Amount: | | <u>\$0</u> |
| Increase Project Amount: | | <u>\$0</u> |

| <u>Contract #</u> | <u>Contractor</u> | <u>Total Contract</u> |
|-------------------|-------------------|---------------------------|
| 1 | Simpson Unlimited | <u>\$7,165,700</u> |
| | | <u>\$7,165,700</u> |

Notes: (1) Existing roof in need of replacement.
(2) Prevailing wage rates apply to contract.

IAC Approval Date:

23CN-151-009 Annapolis MS Roof Replacement

BID Opening

| | | | |
|-------------------|--------------------------|--------------------------------|----------------------------|
| CONTRACTOR | Autumn Contracting, Inc. | Vatica Contracting, Inc. | Cole Roofing Company, Inc. |
| BASE BID | \$9,644,000 | \$7,178,240 | \$10,794,400 |
| CONTRACTOR | CitiRoof Corporation | Simpson Unlimited, Inc. | |
| BASE BID | \$9,917,856 | \$7,165,700 | |

BOLD INDICATES AWARDEE

APPROVAL OF CONTRACTS

LEA: Anne Arundel County

PSC No. 02.091.24 B

Project Name: Jacobsville ES

Bid Opening: 5/30/2023

Project Type: Systemic Renovation

Scope of Work: Roof Replacement

Basis for Award of Contract: Base Bid

Basis of Funding: 50% of eligible base bid up to maximum state approved allocation.

Local Funds: \$1,354,863

State Funds: \$1,333,200

Total Contract: \$2,688,063

State Contingency for Change Orders:

| | Account No. | Amount |
|------------------------------|-------------|------------|
| Transfer State Funds: | | |
| Decrease Project Amount: | | <u>\$0</u> |
| Increase Contingency Amount: | | <u>\$0</u> |
| Decrease Contingency Amount: | | <u>\$0</u> |
| Increase Project Amount: | | <u>\$0</u> |

| <u>Contract #</u> | <u>Contractor</u> | <u>Total Contract</u> |
|-------------------|--------------------|---------------------------|
| 1 | Vatica Contracting | <u>\$2,688,063</u> |
| | | <u>\$2,688,063</u> |

Notes: (1) Existing roof in need of replacement.
(2) Prevailing wage rates apply to contract.

IAC Approval Date:

| 23CN-151-019 | | | | |
|----------------------------------------------------------|--------------------------|---------------------------------|----------------------------|-------------------------|
| Roof Replacement at Jacobsville Elementary School | | | | |
| BID Opening | | | | Tuesday, May 30, 2023 |
| | | | | 2:30 PM |
| CONTRACTOR | Autumn Contracting, Inc. | Vatica Contracting, Inc. | Cole Roofing Company, Inc. | Simpson Unlimited, Inc. |
| BASE BID | \$3,890,000 | \$2,688,063 | \$3,458,000 | \$3,179,000 |
| CONTRACTOR | CitiRoof Corporation | | | |
| BASE BID | \$3,686,300 | | | |
| Bold Indicates Awardee | | | | |

APPROVAL OF CONTRACTS

LEA: Anne Arundel County

PSC No. 02.094.24 B

Project Name: Jones ES

Bid Opening: 5/31/2023

Project Type: Systemic Renovation

Scope of Work: PA & FA Replacement

Basis for Award of Contract: Base Bid

Basis of Funding: 50% of eligible base bid up to maximum state approved allocation.

Local Funds: \$404,904

State Funds: \$381,000

Total Contract: \$785,904

State Contingency for Change Orders:

| Transfer State Funds: | Account No. | Amount |
|------------------------------|-------------|------------|
| Decrease Project Amount: | | <u>\$0</u> |
| Increase Contingency Amount: | | <u>\$0</u> |
| Decrease Contingency Amount: | | <u>\$0</u> |
| Increase Project Amount: | | <u>\$0</u> |

| <u>Contract #</u> | <u>Contractor</u> | <u>Total Contract</u> |
|-------------------|------------------------------------|-------------------------|
| 1 | Lee's Electrical Contracting, Inc. | <u>\$785,904</u> |
| | | <u>\$785,904</u> |

Notes: (1) Public Address Intercom / Fire Alarm replacement.

(2) Prevailing wage rates apply to contract.

IAC Approval Date:

23CN-151-012

PA System and Fire Alarm Replacement at Jones Elementary School

BID Opening

****DRAFT COPY FOR REVIEW PUPOSES ONLY****

Wednesday, May 31, 2023

10:00:00 AM

| | | | | |
|-------------------|------------------------------------|----------------------------------|-----------------------------|--|
| CONTRACTOR | Action Electrical Contractors, Inc | Lee's Electrical Contracting Inc | C.T. Electrical Corporation | |
| BASE BID | \$813,000.00 | \$785,904.00 | \$800,000.00 | |
| CONTRACTOR | | | | |
| BASE BID | | | | |

| | | | | |
|-------------------|--|--|--|--|
| CONTRACTOR | | | | |
| BASE BID | | | | |
| CONTRACTOR | | | | |
| BASE BID | | | | |

| | | | | |
|-------------------|--|--|--|--|
| CONTRACTOR | | | | |
| BASE BID | | | | |
| CONTRACTOR | | | | |
| BASE BID | | | | |

****I affirm that the contents of the draft bid tab accurately reflect the bid prices as read.****

BUYER: 
Marlene Mueller

RECORDED BY 
Joyce Miller

APPROVAL OF CONTRACTS

LEA: Anne Arundel County

PSC No. 02.097.24 B

Project Name: Riviera Beach ES

Bid Opening: 3/09/2023

Project Type: Systemic Renovation

Scope of Work: Exterior Doors Replacement

Basis for Award of Contract: Base Bid

Basis of Funding: 50% of eligible base bid up to maximum state approved allocation.

Local Funds: \$90,980

State Funds: \$59,000

Total Contract: \$149,980

State Contingency for Change Orders:

| | Account No. | Amount |
|------------------------------|-------------|------------|
| Transfer State Funds: | | |
| Decrease Project Amount: | | <u>\$0</u> |
| Increase Contingency Amount: | | <u>\$0</u> |
| Decrease Contingency Amount: | | <u>\$0</u> |
| Increase Project Amount: | | <u>\$0</u> |

| <u>Contract #</u> | <u>Contractor</u> | <u>Total Contract</u> |
|-------------------|------------------------|-------------------------|
| 1 | Hayes Construction Co. | <u>\$149,980</u> |
| | | <u>\$149,980</u> |

Notes: (1) Exterior Doors Replacement
(2) Prevailing wage rates do not apply to contract.

IAC Approval Date:

20CN-072-029 Door Replacement at Riviera Beach Elementary School

| | | | | |
|-------------------|-------------------------------|-----------------------------|---------------------------|--------------------------------|
| CONTRACTOR | Nastos Construction Inc. | Colossal Contractors Inc. | Strayer Contracting, Inc. | Bob Andrews Construction, Inc. |
| BASE BID | \$213,750 | \$216,680 | \$189,105 | \$244,543 |
| | | | | |
| CONTRACTOR | Hayes Construction Co. | Baltimore Contractors, Inc. | | |
| BASE BID | \$149,980 | \$208,888 | | |

Bold indicates awardee

APPROVAL OF CONTRACTS

LEA: Anne Arundel County

PSC No. 02.116.24 B

Project Name: Cape St. Claire ES

Bid Opening: 5/05/2023

Project Type: System Renovation

Scope of Work: PA Replacement

Basis for Award of Contract: Base Bid

Basis of Funding: 50% of eligible base bid up to maximum state approved allocation.

Local Funds: \$310,000

State Funds: \$195,000

Total Contract: \$505,000

State Contingency for Change Orders:

| Transfer State Funds: | Account No. | Amount |
|------------------------------|-------------|------------|
| Decrease Project Amount: | | <u>\$0</u> |
| Increase Contingency Amount: | | <u>\$0</u> |
| Decrease Contingency Amount: | | <u>\$0</u> |
| Increase Project Amount: | | <u>\$0</u> |

| <u>Contract #</u> | <u>Contractor</u> | <u>Total Contract</u> |
|-------------------|---------------------|-------------------------|
| 1 | CT Electrical Corp. | <u>\$505,000</u> |
| | | <u>\$505,000</u> |

Notes: (1) Public Address Intercom replacement.
(2) Prevailing wage rates apply to contract.

IAC Approval Date:

**23CN-151-013 Public Address System
at Cape St. Claire Elementary School**

| | | | | |
|-------------------|------------------------------------|-------------------------------------|------------------------------|------------------------------|
| CONTRACTOR | Lee's Electrical Contracting, Inc. | Action Electrical Contractors, Inc. | C.T. Electrical Corp. | MGM Electrical Systems, Inc. |
| BASE BID | \$691,937 | \$584,000 | \$505,000 | Withdrawn |

Bold indicates Awardee

APPROVAL OF CONTRACTS

LEA: Anne Arundel County

PSC No. 02.118.24 B

Project Name: North Glen ES

Bid Opening: 6/06/2023

Project Type: Systemic Renovation

Scope of Work: Roof Replacement

Basis for Award of Contract: Base Bid

Basis of Funding: 50% + 10% incentive add-on of eligible base bid up to maximum state approved allocation.

Local Funds: \$747,600

State Funds: \$1,028,400

Total Contract: \$1,776,000

State Contingency for Change Orders:

| | Account No. | Amount |
|------------------------------|-------------|------------|
| Transfer State Funds: | | |
| Decrease Project Amount: | | <u>\$0</u> |
| Increase Contingency Amount: | | <u>\$0</u> |
| Decrease Contingency Amount: | | <u>\$0</u> |
| Increase Project Amount: | | <u>\$0</u> |

| <u>Contract #</u> | <u>Contractor</u> | <u>Total Contract</u> |
|-------------------|-------------------|---------------------------|
| 1 | Simpson Unlimited | <u>\$1,776,000</u> |
| | | <u>\$1,776,000</u> |

Notes: (1) Existing roof in need of replacement.
(2) Prevailing wage rates apply to contract.

IAC Approval Date:

23CN-151-017

Roof Replacement for North Glen Elementary School

BID Opening

Tuesday, June 6, 2023
2:00 PM

| | | | | |
|-------------------|--------------------------|------------------------------------|--------------------------------|----------------------|
| CONTRACTOR | Autumn Contracting, Inc. | Ruff Roofing and Sheet Metal, Inc. | Simpson Unlimited, Inc. | CitiRoof Corporation |
| BASE BID | \$2,670,000 | \$2,383,519 | \$1,776,000 | \$2,167,635 |
| CONTRACTOR | Cole Roofing Company Inc | Vatica Contracting Inc | | |
| BASE BID | \$2,096,700 | \$2,037,000 | | |

BOLD INDICATES AWARDEE

APPROVAL OF CONTRACTS

LEA: Baltimore County

PSC No. 03.011.23 B

Project Name: Perry Hall HS

Bid Opening: 12/08/2022

Project Type: Systemic Renovation

Scope of Work: Mechanical Upgrades

Basis for Award of Contract: Base Bid + Alt. 1

Basis of Funding: 57% of eligible base bid + Alt. 1 up to maximum state approved allocation.

Local Funds: \$5,142,000

State Funds: \$3,648,000

Total Contract: \$8,790,000

State Contingency for Change Orders:

| Transfer State Funds: | Account No. | Amount |
|------------------------------|-------------|------------|
| Decrease Project Amount: | | <u>\$0</u> |
| Increase Contingency Amount: | | <u>\$0</u> |
| Decrease Contingency Amount: | | <u>\$0</u> |
| Increase Project Amount: | | <u>\$0</u> |

| <u>Contract #</u> | <u>Contractor</u> | <u>Total Contract</u> |
|-------------------|-------------------------|---------------------------|
| 1 | Towson Mechanical, Inc. | <u>\$8,790,000</u> |
| | | <u>\$8,790,000</u> |

Notes: (1) Replace the existing 1999 chillers and 2005 associated cooling tower, water pumps, main electrical switchgear, dual temperature pumps, piping valves, controls and accessories.
(2) Prevailing wage rates do apply to contract.

IAC Approval Date:

Contract Name: Perry Hall High School – Mechanical Upgrades
Contract #: LLY-402-23

| Bidders | | |
|----------------------------------------------------------------|----------------------------------------|------------------------------|
| | Towson Mechanical, Inc. | Denver-Elek, Inc. |
| Base Bid | \$8,645,000 | \$8,925,400 |
| Alternate No. 1: Motor control center replacement | \$145,000 | \$252,800 |
| Total | \$8,790,000 | \$9,178,200 |

APPROVAL OF CONTRACTS

LEA: Baltimore County

PSC No. 03.147.21 HSFF

Project Name: Deer Park MS

Bid Opening: 5/17/2023

Project Type: Systemic Renovation

Scope of Work: Roof Replacement

Basis for Award of Contract: Proposal

Basis of Funding: 57% of eligible proposal up to maximum state approved allocation.

Local Funds: \$6,725,127

State Funds: \$3,690,750

Total Contract: \$10,415,877

State Contingency for Change Orders:

| Transfer State Funds: | Account No. | Amount |
|-------------------------------------|--------------------|---------------|
| Decrease Project Amount: | | <u>\$0</u> |
| Increase Contingency Amount: | | <u>\$0</u> |
| Decrease Contingency Amount: | | <u>\$0</u> |
| Increase Project Amount: | | <u>\$0</u> |

| <u>Contract #</u> | <u>Contractor</u> | <u>Total Contract</u> |
|--------------------------|------------------------------------|------------------------------|
| 1 | Weatherproofing Technologies, Inc. | <u>\$10,415,877</u> |
| | | <u>\$10,415,877</u> |

Notes: (1) Leaky roof was replaced in sections in 1990, 1992, and 2000. Needs replacement.

(2) Prevailing wage rates do apply to contract.

IAC Approval Date:

SECTION 004000 - FORM OF PROPOSAL

DATE: 5/17/23

PROJECT TITLE: DEER PARK MIDDLE SCHOOL – REPLACEMENT ROOF

BCPS BID NUMBER: CWA-120-22-005

BIDDER CONTRACT PACKAGE NUMBER: 5055829

BID SUBMITTED BY: Weatherproofing Technologies, Inc.
(Company Name as reflected on your company's W-9 Form)

SUBMITTED TO: Baltimore County Public Schools
Office of Purchasing
Electronic Submission

The undersigned BIDDER proposes and agrees, if this Bid is accepted, to enter into an Agreement with the OWNER in the form included in the Contract Documents to complete all Work as specified or indicated in the Contract Documents for the Contract Price and within the Contract Time indicated in this Bid and in accordance with the Contract Documents.

BIDDER has examined the site and locality where the Work is to be performed, the legal requirements (federal, state and local laws, ordinances, rules and regulations) and the conditions affecting cost, progress, or performance of the Work and has made such independent investigations, as BIDDER deems necessary.

BIDDER hereby agrees to furnish all labor, materials, equipment, and services required to complete the project in strict accordance with the Contract Documents for the following price:

JK Milliken/ss 5/17/23
(Signature of Bidder) (Date)

BASE BID

TOTAL BASE BID consisting of the cost of asbestos abatement, demolition, and new construction, including the related architectural, mechanical, electrical, and other requirements incidental to the project.

**Bidders shall include the following allowance(s) in their BASE BID:
\$5,000 for Asbestos Abatement Services.**

BASE BID: \$ 10,415,877.36 (IN DOLLARS)

Ten Million, Four-Hundred and Fifteen Thousand,
Eight hundred and Seventy Seven Dollars and
36/100

BASE BID: 36/100 (IN WRITING)

If a BASE BID amount contains contradictory terms, handwritten terms prevail over typewritten terms, and words prevail over numbers. The dollar amount expressed in words shall govern.

J. K. Milliken/ss 5/17/23
(Signature of Bidder) (Date)

APPROVAL OF CONTRACTS

LEA: Frederick County

PSC No. 10.040.17/23/24 B/EGRC

Project Name: Monocacy ES

Bid Opening: 5/02/2023

Project Type: Systemic Renovation

Scope of Work: Limited Renovation

Basis for Award of Contract: Base Bid + Alts. 1, 2A, 3 & 4.

Basis of Funding: 65% of eligible base bid and Alts. 1, 2A, 3 & 4 up to maximum state approved allocation.

Local Funds: \$9,254,182

State Funds: \$7,744,750

Total Contract: \$16,998,932

State Contingency for Change Orders:

| Transfer State Funds: | Account No. | Amount |
|------------------------------|-------------|------------|
| Decrease Project Amount: | | <u>\$0</u> |
| Increase Contingency Amount: | | <u>\$0</u> |
| Decrease Contingency Amount: | | <u>\$0</u> |
| Increase Project Amount: | | <u>\$0</u> |

| <u>Contract #</u> | <u>Contractor</u> | <u>Total Contract</u> |
|-------------------|----------------------|----------------------------|
| 1 | Oak Contracting, LLC | <u>\$16,998,932</u> |
| | | <u>\$16,998,932</u> |

Notes: (1) Limited renovation of 57,900 sf, including cooperative use space, for 663 students. The request includes selected educational program enhancements and selected system upgrades.
(2) Prevailing wage rates apply to contract.
(3) Ineligible items removed from state funding calculation.

IAC Approval Date:



MONOCACY ELEMENTARY SCHOOL LIMITED RENOVATION
GMP PRESENTATION with VALUE ENGINEERING

DATE: 6/15/2023- FINAL

| CSI & DESCRIPTION | LOW/QUALIFIED BIDDER | % OF TOTAL | COST PER SQ. FT. | LOW BID COST |
|---------------------------------------|----------------------|------------|------------------|----------------------|
| 1A GEN TRADES | BRAWNER BUILDERS | 15.85% | \$ 41.93 | \$ 2,427,900.00 |
| 2A SITE WORK | RFP, INC | 0.53% | \$ 1.40 | \$ 80,990.00 |
| 4A MASONRY | BRAGUNIER MASONRY | 2.00% | \$ 5.29 | \$ 306,500.00 |
| 7A ROOFING | COLE ROOFING | 20.27% | \$ 53.63 | \$ 3,105,000.00 |
| 7A ALTERNATE #4 | COLE ROOFING | 1.04% | \$ 2.75 | \$ 159,000.00 |
| 8A WINDOWS & STOREFRONTS | ECP | 4.63% | \$ 12.24 | \$ 708,775.00 |
| 9A DRYWALL & ACOUSTICS | M3 | 4.36% | \$ 11.54 | \$ 668,100.00 |
| 9B CERAMIC TILE | L&R FLOORS | 1.53% | \$ 4.05 | \$ 234,729.00 |
| 9C FLOORING | A&B FLOORING | 3.14% | \$ 8.30 | \$ 480,777.00 |
| 9C ALTERNATE #2A | A&B FLOORING | 0.60% | \$ 1.59 | \$ 92,029.00 |
| 9D PAINTING | COCHRAN & MANN | 1.14% | \$ 3.02 | \$ 174,600.00 |
| 15A PLUMBING & MECHANICAL | DENVER ELEK | 27.25% | \$ 72.10 | \$ 4,174,500.00 |
| 15A ALTERNATE #1 | DENVER ELEK | 0.52% | \$ 1.37 | \$ 79,300.00 |
| 15B SPRINKLER | AMERICAN LIFE SAFETY | 1.29% | \$ 3.41 | \$ 197,500.00 |
| 16A ELECTRICAL | ARCO | 15.17% | \$ 40.14 | \$ 2,324,000.00 |
| 16A ALTERNATE #1 | ARCO | 0.03% | \$ 0.09 | \$ 5,000.00 |
| 16A ALTERNATE #3 | ARCO | 1.33% | \$ 3.51 | \$ 203,500.00 |
| | | | | *INCLUDES BOND COST |
| VE for Replacement Switch Gear | ARCO | | | \$ (104,000.00) |
| | | | \$ 264.56 | \$ 15,318,200.00 |
| CONSTRUCTION TRADE COSTS | | | | \$ 15,318,200.00 |
| NTE GENERAL CONDITIONS | | | | \$ 495,828.00 |
| REIMBURSABLE GENERAL CONDITIONS | | | | \$ 156,050.00 |
| DESIGN FEE | | | | \$ 840,000.00 |
| DESIGN FEE CHANGE ORDER #1 | | | | \$ 9,860.00 |
| PRECONSTRUCTION FEE | | | | \$ 20,000.00 |
| CONSTRUCTION CONTINGENCY @ 1% | | | | \$ 159,700.78 |
| TOTAL CONSTRUCTION COSTS | | | | \$ 16,999,638.78 |
| CONSTRUCTION MANAGEMENT FEE | | | | \$ 244,436.00 |
| GMP | | | | \$ 17,244,075 |
| | | | | |
| | | | | |
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| | | | | |

APPROVAL OF CONTRACTS

LEA: Frederick County

PSC No. 10.055.24

Project Name: Brunswick MS

Bid Opening: 3/27/2023

Project Type: System Renovation

Scope of Work: Roof Replacement

Basis for Award of Contract: Base Bid

Basis of Funding: 65% + 5% incentive add-on of eligible base bid up to maximum state approved allocation.

Local Funds: \$227,991

State Funds: \$531,978

Total Contract: \$759,969

State Contingency for Change Orders:

| | Account No. | Amount |
|------------------------------|-------------|------------|
| Transfer State Funds: | | |
| Decrease Project Amount: | | <u>\$0</u> |
| Increase Contingency Amount: | | <u>\$0</u> |
| Decrease Contingency Amount: | | <u>\$0</u> |
| Increase Project Amount: | | <u>\$0</u> |

| <u>Contract #</u> | <u>Contractor</u> | <u>Total Contract</u> |
|-------------------|-------------------|-------------------------|
| 1 | Garland/DBS, Inc. | <u>\$759,969</u> |
| | | <u>\$759,969</u> |

Notes: (1) Cold applied two ply modified flood coat and gravel roof system.

(2) Prevailing wage rates apply to contract.

IAC Approval Date:



Garland/DBS, Inc.
 3800 East 91st Street
 Cleveland, OH 44105
 Phone: (800) 762-8225
 Fax: (216) 883-2055



ROOFING MATERIAL AND SERVICES PROPOSAL

**Frederick County Public Schools
 Brunswick Middle School
 301 Cummings Dr
 Brunswick, MD 21716**

**Date Submitted: 03/27/2023
 Proposal #: 25-MD-230269
 MICPA # PW1925**

Purchase orders to be made out to: Garland/DBS, Inc.

Please Note: The following budget/estimate is being provided according to the pricing established under the Master Intergovernmental Cooperative Purchasing Agreement (MICPA) with Racine County, WI and OMNIA Partners, Public Sector (U.S. Communities). Garland/DBS, Inc. administered an informal competitive process for obtaining quotes for the project with the hopes of providing a lower market-adjusted price whenever possible.

Scope of Work: Base Bid #1

Cold Applied Two Ply Modified Flood Coat and Gravel Roof System

1. All labor, materials, services, and equipment necessary for the completion of the work described in the specifications to completely tear out and replace the existing roof system as per the written specifications including all low sloped roof sections indicated on roof plans (30 Year Warranty).

Base Bid #1:

Proposal Price Based Upon Market Experience: \$ 759,969

Garland/DBS Price Based Upon Local Market Competition:

| | |
|-----------------------------------------|-------------------|
| Apex Construction | \$ 759,969 |
| Raintree Services, Inc. | \$ 866,732 |
| Flynn Mid-Atlantic | \$ 898,876 |
| Simpson Unlimited, Inc. | \$ 1,017,004 |
| Kalkreuth Roofing and Sheet Metal, Inc. | \$ 1,059,250 |
| Ron Ruff Roofing | \$ 1,097,774 |
| Cole Roofing | \$ 1,318,179 |

Unforeseen Site Conditions:

Metal Deck Replacement \$ 27.36 per Sq. Ft.

Potential issues that could arise during the construction phase of the project will be addressed via unit pricing for additional work beyond the scope of the specifications. This could range anywhere from wet insulation, to the replacement of deteriorated wood nailers. Proposal pricing valid 60 days from proposal date listed above.

Please Note – The construction industry is experiencing unprecedented global pricing and availability pressures for many key building components. Specifically, the roofing industry is currently experiencing long lead times and significant price increases with roofing insulation and roofing fasteners. Therefore, this proposal can only be held for 30 days. DBS greatly values your business, and we are working diligently with our long-term suppliers to minimize price increases and project delays which could effect your project. Thank you for your understanding and cooperation.

Clarifications/Exclusions:

1. Permits are excluded. If permits are required, they will be addressed via Change Order.
2. Bonds are included.
3. Plumbing, Mechanical, Electrical work is excluded.
4. Masonry work is excluded.
5. Interior Temporary protection is excluded.
6. Any work not exclusively described in the above proposal scope of work is excluded.

If you have any questions regarding this proposal, please do not hesitate to call me at my number listed below.

Respectfully Submitted,

Matt Egan

Matt Egan
Garland/DBS, Inc.
(216) 430-3662

APPROVAL OF CONTRACTS

LEA: Queen Anne's County

PSC No. 17.023.24 B

Project Name: Kent Island HS

Bid Opening: 4/17/2023

Project Type: Systemic Renovation

Scope of Work: Roof Replacement

Basis for Award of Contract: Base Bid

Basis of Funding: 51% of eligible base bid up to maximum state approved allocation.

Local Funds: \$3,919,386

State Funds: \$4,079,360

Total Contract: \$7,998,746

State Contingency for Change Orders:

| Transfer State Funds: | Account No. | Amount |
|-------------------------------------|--------------------|---------------|
| Decrease Project Amount: | | <u>\$0</u> |
| Increase Contingency Amount: | | <u>\$0</u> |
| Decrease Contingency Amount: | | <u>\$0</u> |
| Increase Project Amount: | | <u>\$0</u> |

| <u>Contract #</u> | <u>Contractor</u> | <u>Total Contract</u> |
|--------------------------|--------------------------|------------------------------|
| 1 | Garland/DBS, Inc. | <u>\$7,998,746</u> |
| | | <u>\$7,998,746</u> |

Notes: (1) Cold applied two ply modified flood coat and gravel roof system and standing seam metal roof replacement.

(2) Prevailing wage rates apply to contract.

IAC Approval Date:



Garland/DBS, Inc.
 3800 East 91st Street
 Cleveland, OH 44105
 Phone: (800) 762-8225
 Fax: (216) 883-2055



ROOFING MATERIAL AND SERVICES PROPOSAL

Queen Anne's County Public Schools
Kent Island High School
 900 Love Point Rd
 Stevensville, MD 21666

Date Submitted: 04/17/2023
Proposal #: 25-MD-230314
MICPA # PW1925

Purchase orders to be made out to: Garland/DBS, Inc.

Please Note: The following budget/estimate is being provided according to the pricing established under the Master Intergovernmental Cooperative Purchasing Agreement (MICPA) with Racine County, WI and OMNIA Partners, Public Sector (U.S. Communities). Garland/DBS, Inc. administered an informal competitive process for obtaining quotes for the project with the hopes of providing a lower market-adjusted price whenever possible.

Scope of Work: Base Bid

Cold Applied Two Ply Modified Flood Coat and Gravel Roof System

1. All labor, materials, services, and equipment necessary for the completion of the work described in the specifications to completely tear off and replace the existing roof system as per the written specifications including all low sloped roof sections indicated on roof plans (30 Year Warranty).

Standing Seam Metal Roof Replacement

1. All labor, materials, services, and equipment necessary for the completion of the work described in the specifications to completely tear off and replace the existing roof system as per the written specifications including all steep sloped roof sections indicated on roof plans (30 Year Warranty).

Base Bid:

Proposal Price Based Upon Market Experience: \$ 7,998,746

Garland/DBS Price Based Upon Local Market Competition:

| | |
|--------------------------|----------------------|
| Apex Construction | \$ 7,998,746 |
| Raintree Services | \$ 9,040,819 |
| Ruff Roofers | \$ 9,548,711 |
| Cole Roofing | \$ 14,453,415 |

Potential issues that could arise during the construction phase of the project will be addressed via unit pricing for additional work beyond the scope of the specifications. This could range anywhere from wet insulation, to the replacement of deteriorated wood nailers.

Please Note – The construction industry is experiencing unprecedented global pricing and availability pressures for many key building components. Specifically, the roofing industry is currently experiencing long lead times and significant price increases with roofing insulation and roofing fasteners. Therefore, this proposal can only be held for 30 days. DBS greatly values your business, and we are working diligently with our long-term suppliers to minimize price increases and project delays which could effect your project. Thank you for your understanding and cooperation.

Clarifications/Exclusions:

1. Permits are excluded. If permits are required, they will be addressed via Change Order.
2. Bonds are included.
3. Plumbing, Mechanical, Electrical work is excluded.
4. Masonry work is excluded.
5. Interior Temporary protection is excluded.
6. Any work not exclusively described in the above proposal scope of work is excluded.

If you have any questions regarding this proposal, please do not hesitate to call me at my number listed below.

Respectfully Submitted,

Matt Egan

Matt Egan
Garland/DBS, Inc.
(216) 430-3662

APPROVAL OF CONTRACTS

LEA: Talbot County

PSC No. 20.006.24 B

Project Name: Chapel District ES

Bid Opening: 6/08/2023

Project Type: Renovation/Addition

Scope of Work: Renovation/Addition-Design Services

Basis for Award of Contract: Base Bid

Basis of Funding: 50% + 5% incentive add-on of eligible base bid up to maximum state approved allocation.

Local Funds: \$614,205

State Funds: \$750,694

Total Contract: \$1,364,899

State Contingency for Change Orders:

| | Account No. | Amount |
|------------------------------|-------------|------------|
| Transfer State Funds: | | |
| Decrease Project Amount: | | <u>\$0</u> |
| Increase Contingency Amount: | | <u>\$0</u> |
| Decrease Contingency Amount: | | <u>\$0</u> |
| Increase Project Amount: | | <u>\$0</u> |

| <u>Contract #</u> | <u>Contractor</u> | <u>Total Contract</u> |
|-------------------|-------------------|---------------------------|
| 1 | Hord Coplan Macht | <u>\$1,364,899</u> |
| | | <u>\$1,364,899</u> |

Notes: (1) Renovation & addition project for architectural/engineering services.

(2) Prevailing wage rates do not apply to design contract.

IAC Approval Date:

**TALBOT COUNTY PUBLIC SCHOOLS
FEE PROPOSAL FORM**

**CHAPEL DISTRICT ELEMENTARY SCHOOL RENOVATION & ADDITION PROJECT:
PROPOSAL FOR ARCHITECTURAL/ENGINEERING SERVICES**

Please complete and return a signed copy with your Proposal.

TOTAL FEE FOR ARCHITECTURAL/ENGINEERING SERVICES: \$ 1,364,899

Please provide a breakdown of the Total Fee by Phases.
On a separate sheet, provide a list of reimbursable expenses items. See RFP Section 4.B.2.

PRE-CONSTRUCTION SERVICES:

| | |
|--------------------------------------------|----------------------------|
| Schematic Design: | \$ <u>164,633</u> |
| Design Development: | \$ <u>266,810</u> |
| Construction Documents: | \$ <u>539,130</u> |
| Bidding: | \$ <u>65,344</u> |
| Subtotal, Pre-Construction Services | \$ <u>1,035,907</u> |

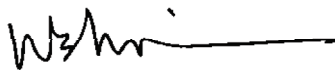
CONSTRUCTION PHASE SERVICES:

| | |
|----------------------------------------------|--------------------------|
| Construction Administration, Pre-Occupancy | \$ <u>294,876</u> |
| Construction Administration, Post-Occupancy | \$ <u>19,150</u> |
| Project Close-Out | \$ <u>14,967</u> |
| Subtotal, Construction Phase Services | \$ <u>328,992</u> |

ADDITIONAL SERVICES MARKUP PERCENTAGE: 0 %

HOURLY RATES OF PRINCIPAL FIRM MEMBERS:

| | |
|-------------------|-------------------|
| Firm Principal | \$ <u>300</u> /hr |
| Project Manager | \$ <u>155</u> /hr |
| Project Architect | \$ <u>155</u> /hr |



Signature

Principal

Title

Hord Coplan Macht
Name of Firm

Name of Firm

April 26, 2023
Date

Date

APPROVAL OF CONTRACTS

LEA: Baltimore City

PSC No. 30.016.22 HSFF

Project Name: #023 Wolfe Street Academy

Bid Opening: 3/13/2023

Project Type: Systemic Renovation

Scope of Work: Roof Replacement

Basis for Award of Contract: Items #1 and 2

Basis of Funding: 96% of eligible items #1 & #2 bid up to maximum state approved allocation.

Local Funds: \$250,194

State Funds: \$552,000

Total Contract: \$802,194

State Contingency for Change Orders:

| | Account No. | Amount |
|------------------------------|-------------|------------|
| Transfer State Funds: | | |
| Decrease Project Amount: | | <u>\$0</u> |
| Increase Contingency Amount: | | <u>\$0</u> |
| Decrease Contingency Amount: | | <u>\$0</u> |
| Increase Project Amount: | | <u>\$0</u> |

| <u>Contract #</u> | <u>Contractor</u> | <u>Total Contract</u> |
|-------------------|--------------------------------------------|-------------------------|
| 1 | St. Mary's Roofing & Home Improvement, LLC | <u>\$802,194</u> |
| | | <u>\$802,194</u> |

Notes: (1) Replace the (2000) (11,450 sf) roof.
(2) Prevailing wage rates apply to contract.

IAC Approval Date:

BALTIMORE CITY PUBLIC SCHOOLS
 IFB-23051
 ROOF REPLACEMENT AT WOLFE STREET ACADEMY ELEMENTARY SCHOOL #023
 BID DUE DATE: THURSDAY, MARCH 30, 2023, 12:00 P.M. LOCAL TIME

| | <u>Responding Vendor</u> | <u>Item #1</u> | <u>Item #2</u> | <u>Grand Total</u> |
|----|----------------------------------------|----------------|----------------|--------------------|
| 1 | Autumn Contracting | \$1,210,900.00 | \$1,500.00 | \$1,212,400.00 |
| 2 | Cole Roofing | \$1,438,570.00 | \$1,200.00 | \$1,439,770.00 |
| 3 | Ruff Roofers | \$819,771.00 | \$18.00 | \$819,789.00 |
| 4 | St. Marys Roofing and Home Improvement | \$796,194.00 | \$6,000.00 | \$802,194.00 |
| 5 | Swain Enterprises | \$445,000.00 | \$2,200.00 | \$447,200.00 |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | | |
| 13 | | | | |
| 14 | | | | |
| 15 | | | | |

Bids Opened By: Stuart Feldman

Date 3/30/2023

Bids Recorded By: Patricia Graff

Date 3/30/2023

APPROVAL OF CONTRACTS

LEA: Baltimore City

PSC No. 30.042.22 HSFF

Project Name: #083 William Paca ES

Bid Opening: 5/15/2023

Project Type: Systemic Renovation

Scope of Work: Window / Door Replacements

Basis for Award of Contract: Item #1 thru #6.

Basis of Funding: 24.99% of eligible item #1 thru #6 up to maximum state approved allocation.

Local Funds: \$963,113

State Funds: \$312,000

Total Contract: \$1,275,113

State Contingency for Change Orders:

| | Account No. | Amount |
|------------------------------|-------------|------------|
| Transfer State Funds: | | |
| Decrease Project Amount: | | <u>\$0</u> |
| Increase Contingency Amount: | | <u>\$0</u> |
| Decrease Contingency Amount: | | <u>\$0</u> |
| Increase Project Amount: | | <u>\$0</u> |

| <u>Contract #</u> | <u>Contractor</u> | <u>Total Contract</u> |
|-------------------|---------------------|---------------------------|
| 1 | Clyde McHenry, Inc. | <u>\$1,275,113</u> |
| | | <u>\$1,275,113</u> |

Notes: (1) Replace the 1975 windows, doors and frames.
(2) Prevailing wage rates required; project bid with non-prevailing wage rates therefore state participation in this contract is calculated at 24.99%.

IAC Approval Date:

BID PROPOSAL

PROPOSAL OF: Cyde McHenry, Inc.

ADDRESS: 5712 Lafayette Place, Hyattsville, MD ZIP CODE: 20781

BID DUE DATE: May 15, 2023

SOLICITATION TITLE: Window and Door Replacement at William Paca Elementary School #083

Baltimore City Public Schools

TO THE BOARD OF SCHOOL COMMISSIONERS OF BALTIMORE CITY

The undersigned agree to furnish all labor, materials, equipment, services, and training necessary for the window and door replacement at William Paca Elementary School #083 for Baltimore City Public Schools in accordance with the attached specifications, drawings and other related contract documents.

The entire work specified shall be completed for the following price:

ITEM #1: Window and Door Replacement at William Paca Elementary School #083

One Million One Hundred Four Thousand Seven Hundred Seventy Six

 Dollars and zero **Cents (\$ 1,104,776.00)**

ITEM #2: Repoint 100 LF of Existing Masonry Joints

Seven Hundred **Dollars and** zero **Cents (\$ 700.00)**

ITEM #3: Replace 50 SF of Veneer Brick Masonry

Two Thousand Five Hundred **Dollars and** zero **Cents (\$ 2500.00)**

ITEM #4: Alternate #1: Repoint 2000 LF of Masonry Joints

Fourteen Thousand **Dollars and** zero **Cents (\$** 14,000.00 **) /LF \$**

ITEM #5: Alternate #2: Replace 1000 SF of Brick Masonry

Eighty Thousand **Dollars and** zero **Cents (\$** 80,000.00 **) /LF**

ITEM #6: Alternate 3: Installation of laminated insulated glass units in lieu of annealed glass units: Base Bid: Provide Clear Insulating Glass as specified in Section 088000 "Glazing".

Alternate: Provide Clear Insulating Laminated Glass, as specified in Section 088000 "Glazing".

Seventy Three Thousand One Hundred Thirty Seven **Dollars and** zero **Cents (\$** 73,137.00 **)**

BID TOTAL: Sum of all bid item #'s 1 through 6

One Million Two Hundred Seventy Five Thousand One Hundred Thirteen **Dollars and** zero **Cents (\$** 1,275,113.00 **)**

TERMS: NET 30

F.O.B.: DELIVERED

BASIS OF AWARD: This contract shall be awarded to the lowest, qualified, responsive and responsible bidder based on per item or total lump sum cost whatever is in the best interest of Baltimore City Public Schools. Negative references received will affect award of the project.

APPROVAL OF CONTRACTS

LEA: Baltimore City

PSC No. 30.210.24 HSFF

Project Name: #212 Garrett Heights PK-8

Bid Opening: 6/02/2023

Project Type: Systemic Renovation

Scope of Work: Window/Door replacement (Design)

Basis for Award of Contract: Proposal

Basis of Funding: 96% + 4% incentive add-on of eligible base bid up to maximum state approved allocation.

Local Funds: \$0

State Funds: \$87,921

Total Contract: \$87,921

State Contingency for Change Orders:

| Transfer State Funds: | Account No. | Amount |
|------------------------------|-------------|------------|
| Decrease Project Amount: | | <u>\$0</u> |
| Increase Contingency Amount: | | <u>\$0</u> |
| Decrease Contingency Amount: | | <u>\$0</u> |
| Increase Project Amount: | | <u>\$0</u> |

| <u>Contract #</u> | <u>Contractor</u> | <u>Total Contract</u> |
|-------------------|---------------------|------------------------|
| 1 | KPN Architects, LLC | <u>\$87,921</u> |
| | | <u>\$87,921</u> |

Notes: (1) Replace all 1993 existing (3,896 sf) windows frames, hardware, and all exterior doors. Interior and exterior walls, including sills and lintels, shall be repaired near damaged windows. New window shades. (Design portion)
(2) Prevailing wage rates do not apply to contract.

IAC Approval Date:

**Baltimore City Public School
Request for Fee Proposal
Architectural Design Consultant Services
Window and Exterior Door Replacement Design at
Garrett Heights PK-8 #212
Contract RFP-20007
Solicitation IFB-23126
Company Name: KPN Architects, LLC
Due Date: Friday, June 2, 2023, by 11:00 a.m.**

Baltimore City Public Schools is requesting an on-call architectural consultant to submit a fee proposal for Window and Exterior Replacement Design at Garrett Heights PK-8 #212.

Fee Proposal shall be delivered via e-mail to Mr. Stuart Feldman at safeldman@bcps.k12.md.us.

Scope of Work:

City Schools is asking selected on-call architectural consulting firm to submit a fee proposal for Window and Exterior Replacement Design at Garrett Heights PK-8 #212, under existing Contract RFP-20007. The scope and requirements of this proposal are outlined in the following pages.

Total Lump Sum Price = \$ Eighty Seven Thousand, Nine Hundred and Twenty (\$ 87,920.60)
and Sixty Cents

Note: Attached MBE form for project shall be returned to City Schools together with fee proposal on a due date for review by the Minority Office on compliance with contract requirements.

For any additional information related to this request, please contact Ms. Cynthia Smith at csmith03@bcps.k12.md.us or call (410) 361-9212.

The City Schools design project manager for this project will be Rasheed Ragin. Please contact him at rjragin@bcps.k12.md.us for existing building information or to set up site visits.

Proposal Prepared by:

| | |
|--------------------------|--------------------------------------------------------------|
| Company Name: | <u>KPN Architects, LLC</u> |
| Company Address: | <u>1800, Washington Blvd, Suite 414, Baltimore, MD 21230</u> |
| Individual Name & Title: | <u>Jacob Panikar / President</u> |
| Telephone: | <u>443.682.7757</u> |
| E-Mail: | <u>jpanikar@kpnarch.com</u> |

Item 2.C. Site Approval - Montgomery County Public Schools - Former Forest Grove Elementary School

Motion:

To approve Montgomery County Public Schools' re-acquisition of the former Forest Grove Elementary School Site at 9805 Dameron Drive, Silver Spring, Maryland to serve as an early childhood education center, and identified by the State Clearinghouse as MD20230411-0276.

Background Information:

Montgomery County Public Schools (MCPS) is requesting site approval from the IAC for reacquisition of the 6.16 acre site of the former Forest Grove Elementary School at 9805/9801 Dameron Drive.

In 1993, MCPS conveyed the former Forest Grove Elementary School to Montgomery County as a surplus school property. The property is currently leased by Chabad of Silver Spring, a private Maryland corporation operating under the name of "The Chabad School," under a lease agreement that expires on May 31, 2024. The MCPS is seeking to reacquire the property, in accordance with the Montgomery County Closed School Policy, to serve as an early childhood center for Pre-K students within the Downcounty Consortium and address requirements established by the Blueprint for Maryland's Future.

State Clearinghouse review was completed in April 2023. The Montgomery County Board of Education passed a resolution on March 28, 2023 authorizing the president of the Board of Education and the Superintendent of Schools to reacquire the site, subsequent to approval by the IAC.

Land Use and Infrastructure

- The site is in the County's Priority Funding Area (PFA).
- Current zoning is R-60 – Residential (medium density single-family detached residential development). Properties surrounding the site are also zoned R-60 Residential.
- Public water, sewer, natural gas and electric service already serve the existing facility.
- No identified road frontage improvements will be required to provide access to the site.

Environmental and Natural Settings

- The site is not located within a 100-year floodplain.
- There are no identified wetland areas on the site.
- No known rare, threatened, or endangered species of plant or animals or habitats exist on or near the site.
- There are no steep slopes on the site.
- The site is forested around the east and south perimeter

- MNCPPC - Montgomery Parks maintains approximately 15 acres of adjacent land that is available for public recreation.

The State Superintendent reviewed the request to acquire the site and approved it on August 30, 2023.

Item 2.D. Easements

Motion:

To approve the conveyance of the easements as presented.

Background Information:

The table below lists easements granting the holder access and use of the designated acreage.

| LEA | PSC # | School | Type of Easement | Total Site Acreage | Easement Acreage |
|-------------------|--------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|
| Montgomery County | 15.252 | Stonegate Elementary | Utility Easement and Right-of-Way required by the Washington Suburban Sanitary Commission to install a new sanitary sewer and water connections and meter to support the Major Capital Project (pending recordation by WSSC). | 10.2693 | 0.1617 |
| Montgomery County | 15.066 | Poolesville High | Poolesville High Right-of-Way Agreement required by the Potomac Edison Company to install new primary wire and a transformer in support of the Poolesville High School Major Capital Project. | 37.1959 | 0.0808 |
| Montgomery County | 15.011 | Woodlin Elementary | Dedication of Right-of-Way to the Montgomery County Department of Transportation | 10.96 | 0.2140 |

Item 2.E. Built to Learn Project Status Report

Motion:

This item is informational and does not require IAC action.

Background Information:

Please see the details regarding BTL allocations, report key, presented report dated as of September 5, 2023 - *Built to Learn Project Status Report*.

BTL Project Status Report Key

This report displays the current status of BTL projects that have been approved by the IAC.

The Delivery column indicates the type of project delivery method:

- **O/B:** Owner/Builder. The LEA acts as the prime at-risk construction manager (general contractor) and directly contracts with the trade contractors. The LEA may engage a not-at-risk construction manager to act as its agent to assist with the management of the project.
- **CMAR:** Construction Management At-Risk. The LEA engages an at-risk construction manager that will become the prime general contractor before the schematic design phase begins to gain the value-added benefits of ensuring design/construction viability and design cost effectiveness and for a turn-key project delivery within a guaranteed maximum price (GMP).
- **DBB:** Design-Bid-Build. The LEA utilizes the “traditional” sealed bid delivery method where the successful at-risk prime general contractor delivers the project turn-key for a fixed price based upon fully complete project documents.

The percentage within each box indicates the level of progress of that phase and the color indicates the degree to which the activities in that phase are/were on schedule based upon the LEA’s initially submitted project schedule (generally from the schematic-design submission).

| | |
|---|--------------------------------------------------------------------------------------|
| % | Phase completed or on track to be completed ahead of scheduled date. |
| % | Phase completed or on track to be completed within 2 months of scheduled date. |
| % | Phase completed or on track to be completed between 2-4 months of scheduled date. |
| % | Phase completed or on track to be completed more than 4 months after scheduled date. |

Built to Learn Project Status Report

| LEA | Project | PSC No. | Delivery | Design | Construction | Notes |
|----------------|-----------------------------------------|---------|----------|--------|--------------|----------------------------------------------------|
| Anne Arundel | Hillsmere ES Replacement | 02.284 | O/B | 100% | 90% | |
| Anne Arundel | Old Mill West HS New | 02.002 | O/B | 100% | 72% | |
| Anne Arundel | Rippling Woods ES Replacement | 02.003 | O/B | 100% | 90% | |
| Anne Arundel | West County ES New | 02.137 | O/B | 100% | 39% | |
| Anne Arundel | Old Mill MS South Replacement | 02.133 | O/B | 100% | 45% | |
| Baltimore City | Baltimore City College HS Renovation | 30.110 | CMAR | 0% | 0% | Design procurement in May 2023 |
| Baltimore City | City Springs PK-8 Replacement | 30.202 | DBB | 0% | 0% | |
| Balt County | Bedford ES Replacement | 03.089 | O/B | 100% | 24% | Design was delayed awaiting funding to be secured. |
| Balt County | Summit Park ES Replacement | 03.093 | O/B | 100% | 70% | |
| Balt County | Northeast Area MS New | 03.221 | O/B | 100% | 65% | Design was delayed awaiting funding to be secured. |
| Balt County | Pine Grove MS Renovation/Addition | 03.001 | O/B | 100% | 55% | |
| Balt County | Lansdowne HS Replacement | 03.149 | O/B | 100% | 3% | |
| Caroline | North Caroline HS Roof Replacement | 05.002 | DBB | 100% | 97% | Work to be completed summer 2023 |
| Carroll | Westminster East MS Replacement | 06.004 | CMAR | 100% | 85% | |
| Cecil | North East MS / HS Replacement | 07.012 | O/B | 75% | 0% | |
| Charles | J. P. Ryon ES PreK & K Addition | 08.038 | DBB | 100% | 96% | LEA delayed project for MSA MOU. |
| Charles | Malcolm ES PreK & K Addition/Renovation | 08.024 | DBB | 100% | 100% | LEA delayed project for MSA MOU. |
| Charles | McDonough HS Renovation/Addition | 08.009 | DBB | 100% | 51% | LEA delayed project for MSA MOU. |
| Frederick | Waverley ES Replacement | 10.058 | O/B | 100% | 99.5% | |
| Frederick | Brunswick ES Replacement | 10.025 | CMAR | 100% | 97% | |
| Frederick | Green Valley ES Replacement | 10.042 | CMAR | 90% | | |
| Frederick | Valley ES Replacement | 10.018 | CMAR | 90% | | |
| Harford | Homestead Wakefield ES Replacement | 12.022 | O/B | 100% | 12% | |
| Howard | Hammond HS Renovation/Addition | 13.016 | O/B | 100% | 98% | |
| Howard | Oakland Mills MS Renovation/Addition | 13.008 | O/B | 95% | 0% | Design scheduled to begin July 2023 |
| Montgomery | Clarksburg Cluster ES #9 New | 15.282 | CMAR | 100% | 67% | |
| Montgomery | South Lake ES Renovation/Addition | 15.086 | CMAR | 100% | 66% | |
| Montgomery | Burnt Mills ES Replacement | 15.208 | CMAR | 100% | 62% | |
| Montgomery | Woodlin ES Replacement | 15.011 | CMAR | 100% | 50% | |
| Montgomery | Woodward HS Replacement (Phase 1) | 15.125 | CMAR | 100% | 60% | |
| Montgomery | Stonegate ES Renovation/Addition | 15.252 | CMAR | 100% | 68% | |
| Montgomery | Neelsville MS Replacement | 15.136 | CMAR | 100% | 32% | |
| Montgomery | Poolesville HS Renovation/Addition | 15.066 | CMAR | 100% | 56% | |
| Montgomery | Page ES Addition | 15.102 | DBB | 100% | 57% | |
| Montgomery | Parkland MS Addition | | | 100% | | |
| Wicomico | Mardela MS/HS Addition/Renovation | 22.018 | CMAR | 100% | 59% | |

Item 3. Recommended Revisions to the Gross Area Baselines (GABs)

Motion:

To adopt the proposed Gross Area Baseline (GAB) updates as presented in this item for use in calculating state construction allocations; and to direct IAC staff to propose new methodologies for the allocation of GAB square foot add-ons for Career and Technology Education spaces and for schools with a high Concentration of Poverty and with a high concentration of English Learners (ELs).

Background Information:

House Bill 1290 (2022 Md. Laws, Ch. 32), mandated “That, on or before October 1, 2023, the [IAC] shall update the baseline gross area square footage per student for the Gross Area Baselines calculation to align with the standards and requirements in [the Blueprint Act] including:

1. instructional space for English-language learners;
2. community schools and schools eligible for Concentration of Poverty grants;
3. collaborative planning spaces for teachers, taking into consideration that there will be more teachers in schools as additional collaborative time during the school day is phased in;
4. break-out space for more one-on-one and small group instruction;
5. career and technical education pathways; and
6. prekindergarten space.”

IAC staff convened the Blueprint Facilities Workgroup in February of 2023 to carry out this mandate. The Workgroup included invited and volunteer members from LEAs, County Governments and Maryland State Department of Education. The Workgroup met eight times from February to June to review the six topics required by HB 1290. In addition, IAC staff hosted several meetings to review findings and recommendations prior to finalization of the proposed updates.

IAC staff analyzed feedback from the Workgroup as well as significant available data on which to base these recommendations. This analysis was performed for each of the three grade bands and included the following:

- Statewide comparison of square foot per student for all facilities.
- Comparison of existing 2019 GABs to recently built schools.
- Comparison of the existing 2019 GABs and proposed GABs to current projects in

planning and design.

- The average of schools across the State based on inclusion of one school per LEA to avoid the data bias larger districts could create.
- Detailed programming analysis and space by space comparison of at least eight recently planned or built schools.
- Updates to the Space Tallies (Used for the development of the 2019 GABs) to address current educational practices and align with the findings of the detailed programming analysis.

In addition to the adjustments to the GABs required as a result of Blueprint, IAC staff and the workgroup considered additional changes based on lessons learned since the adoption of the 2019 GABs and subsequent changes to educational requirements. These two sets of considerations resulted in the following recommendations:

- A. Elementary School Gross Area Baseline is recommended to increase an average of 8.6%.
- B. Middle School Gross Area Baseline is recommended to increase an average of 0.75%
- C. High School Gross Area Baseline is recommended to increase and decrease in a range of -9% to +3%.

Presented with this item are the lookup tables that show the square foot per student for each of the three grade bands for each step in student capacity.

The following are the changes that had the greatest impact on the Gross Area Baseline square foot per student:

- Additional space allocation for PreK 3 and 4 year olds in the elementary school GAB.
- An increase in the services provided at all grade bands, including special education and behavior support resulted in increased space needs.
- Increased requirements for in school teacher professional development and collaboration resulted in additional space provided for teacher work rooms.
- Adjustments to the size of classrooms and specialty classrooms to support modern educational requirements.
- Changes to the space allocations across all grade bands to more accurately reflect common practices by LEAs as shown in our data analysis. This resulted in additions and subtractions to the middle school and high school GABs.

Please note that although the IAC considered typical space programming in order to develop the GABs, the GAB is intended to provide the outer boundary of State participation, within which the LEA can provide programming and spaces as they deem appropriate within State

educational requirements.

In addition to these changes in the Gross Area Baseline, IAC staff are also recommending further development of the following additional measures to more accurately account for spatial requirements based on school programming and community needs:

1. Concentration of Poverty (CPG) add-on to be allocated to schools that meet or exceed the 55% CPG grant criteria provided for based on Blueprint legislation.
2. English Learner (EL) add-on to be included separately from the CPG add on that will be based on the percentage of EL students in a given school community.
3. Career and Technology Education add-on that will be developed to provide a specific gross square foot to be added to the GAB based on the programs included.
4. State Rated Capacity changes to reflect the specialty spaces required for physical education that are unable to be used at the utilization rate anticipated by the previous GAB.

IAC staff have developed draft methodologies for these add-ons and are circulating them to the Blueprint Workgroup and other stakeholders for feedback. Add-ons are anticipated to be provided to the IAC for consideration at the October meeting.

Interagency Commission On School Construction Draft Proposed Updated Gross Area Baselines (GABs)

Presentation to the IAC

September 14, 2023

2022 HB 1290's Mandate

“That, on or before October 1, 2023, the [IAC] shall update the baseline gross area square footage per student for the Gross Area Baselines calculation to align with the standards and requirements in [the Blueprint Act], including:

- 1. instructional space for English-language learners;**
- 2. community schools and schools eligible for Concentration of Poverty grants;**
- 3. collaborative planning spaces for teachers, taking into consideration that there will be more teachers in schools as additional collaborative time during the school day is phased in;**
- 4. break-out space for more one-on-one and small group instruction;**
- 5. career and technical education pathways; and**
- 6. prekindergarten space.”**

(2022 Md. Laws, Ch.32)

Proposed Changes

Summary of Proposed Changes:

1. Updated GAB for ES, MS and HS - Presented for approval today
2. New Addons for CTE, CPG and ELs - Vetting proposed methodology with Blueprint workgroup and other stakeholders; expected to be provided for IAC consideration in October.
 - a. CTE add-on of GSF per program to be allocated in 5 program categories
 - b. CPG add-on over 55%
 - c. EL add-on determined by percentage of student population

Upcoming Work

Future October 12th IAC Agenda:

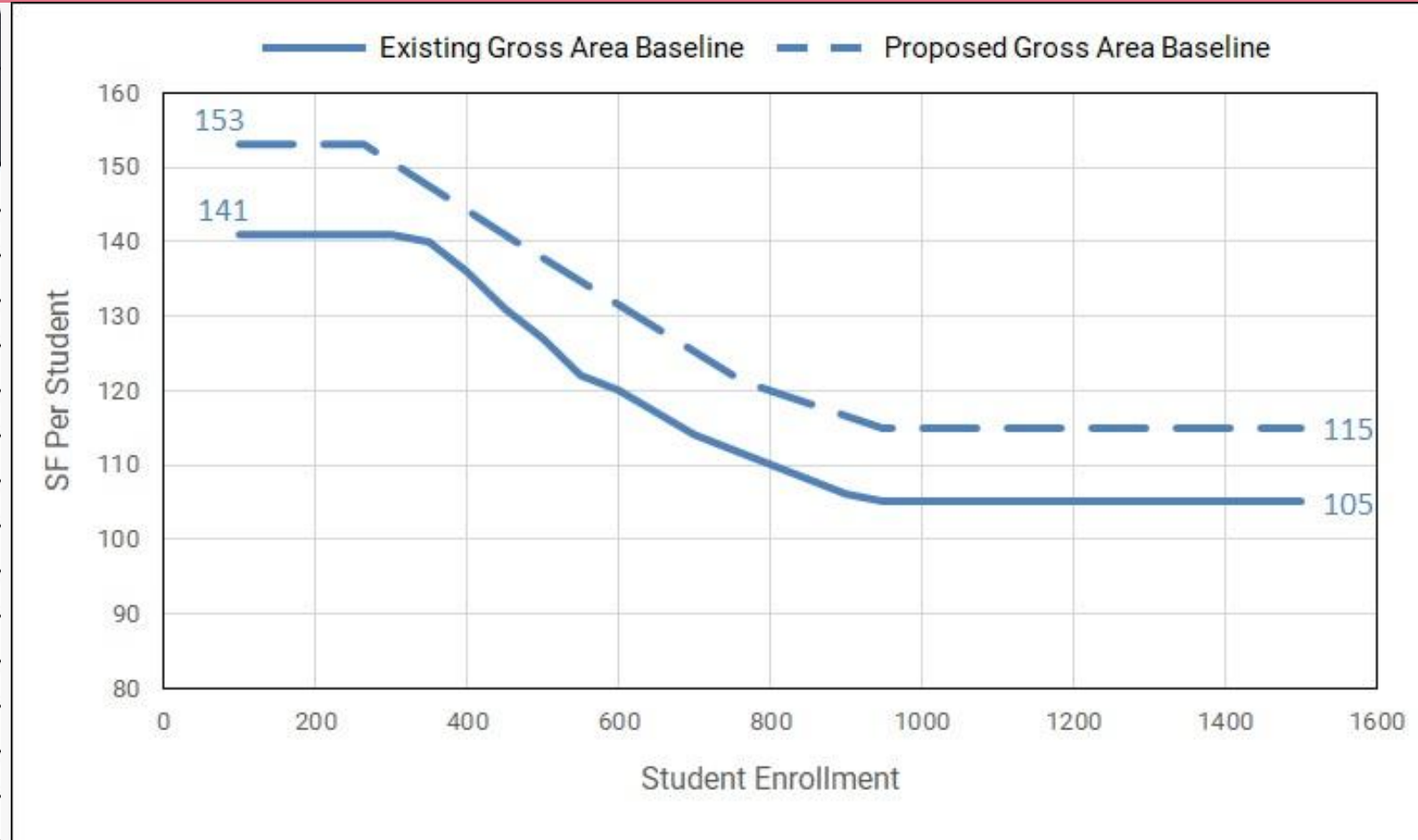
1. Totals for each GSF Add-on for each of the 5 categories for CTE programs.
2. Percentages and totals for CPG Add-on and EL Add-on.
3. Changes to SRC calculations for gymnasium and 1 associated classroom.

Other Ongoing Work:

1. Ongoing work with PK projections for upcoming FY25 CIP
2. GSF allocations for PK additions
3. Ongoing work with MSDE related to CPG data and Add-on

Elementary School GABs

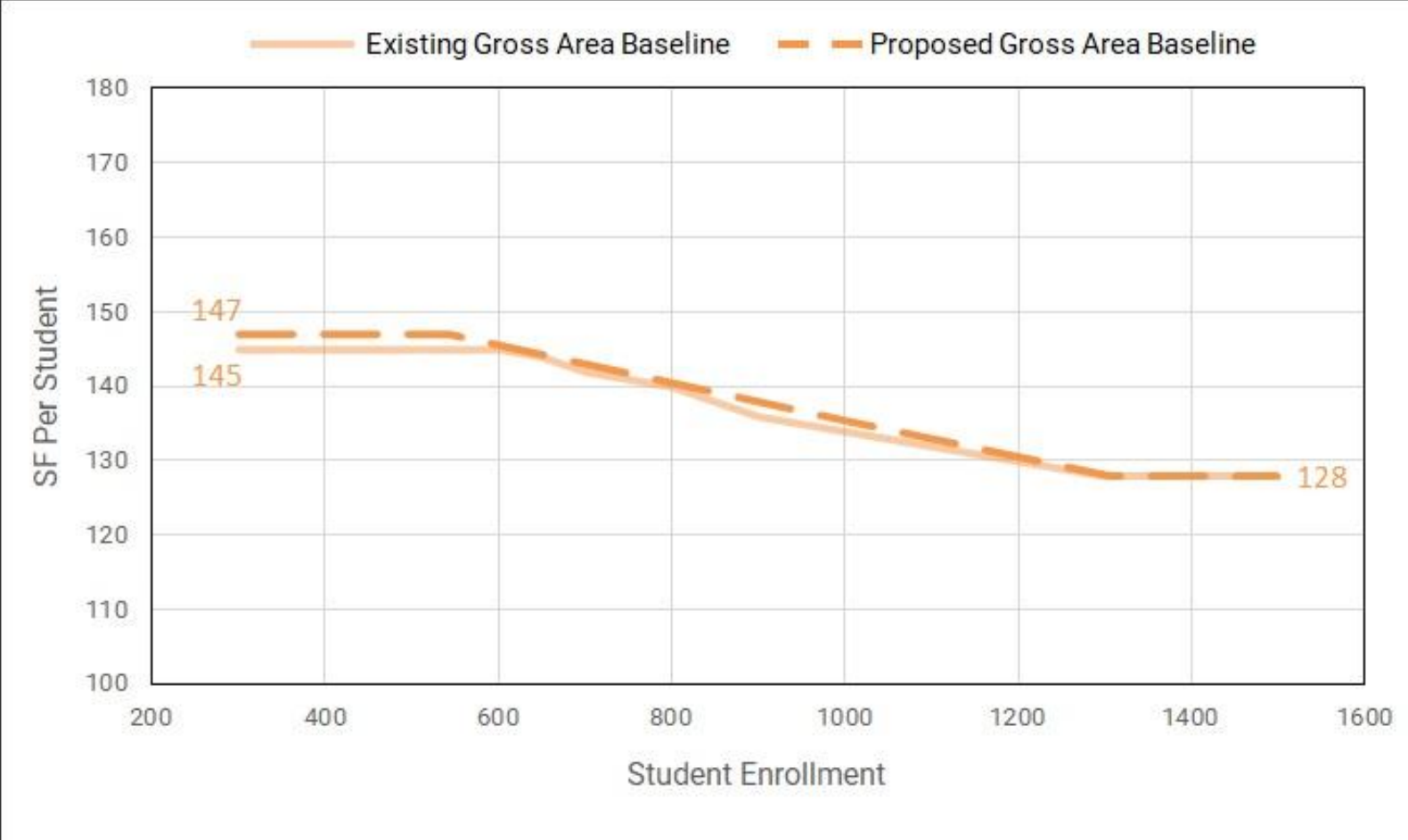
| ELEMENTARY SCHOOL | | | |
|--------------------|-------------------|------------------------------|---------|
| Student Enrollment | 2019 Baseline GAB | Proposed Update Baseline GAB | GSF |
| 300 | 141.00 | 150.66 | 45,198 |
| 350 | 140.00 | 147.41 | 51,595 |
| 400 | 136.00 | 144.17 | 57,666 |
| 450 | 131.00 | 140.92 | 63,413 |
| 500 | 127.00 | 137.80 | 68,900 |
| 550 | 122.00 | 134.66 | 74,066 |
| 600 | 120.00 | 131.53 | 78,918 |
| 650 | 117.00 | 128.39 | 83,457 |
| 700 | 114.00 | 125.26 | 87,682 |
| 750 | 112.00 | 122.12 | 91,594 |
| 800 | 110.00 | 120.03 | 96,023 |
| 850 | 108.00 | 118.34 | 100,586 |
| 900 | 106.00 | 116.64 | 104,975 |
| 950 | 105.00 | 114.97 | 109,222 |
| 1000 | 105.00 | 115.00 | 115,000 |



These total GSF baselines are for determining state funding participation. They are intended to support all of the spaces required to deliver the educational programs required by the State of Maryland and to encourage multiple uses of spaces and other utilization-maximizing strategies that can reduce facility size and therefore the long-term costs of ownership. An LEA may challenge these state funding participation baselines for a given project on a case-by-case basis through an application for consideration by the IAC for a variance. As part of such an application, the LEA shall provide information sufficient that the IAC staff can analyze the proposed spaces and uses on a program-by-program basis. IAC Meeting 9/14/2023

Middle School GABs

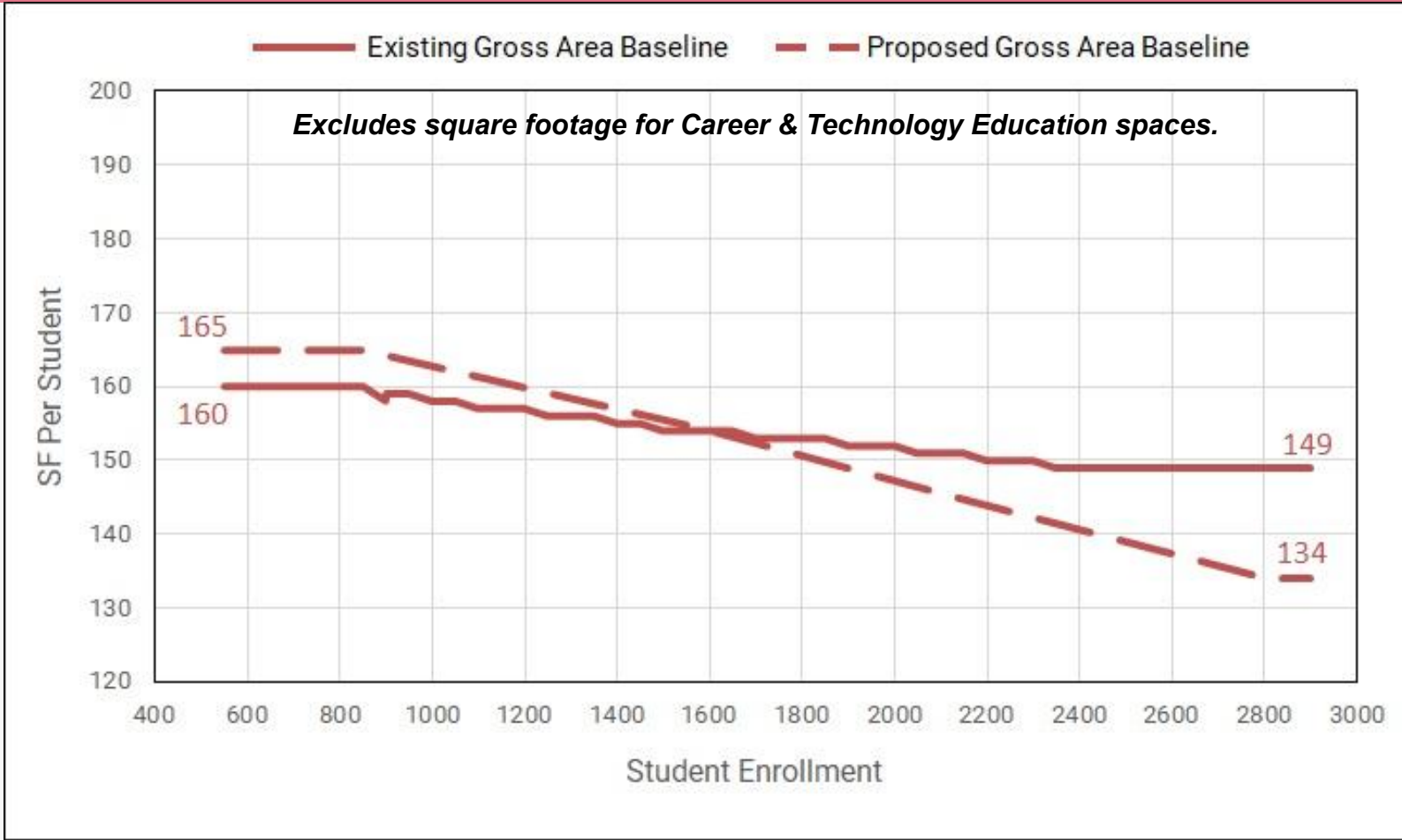
| MIDDLE SCHOOL | | | |
|--------------------|-------------------|------------------------------|---------|
| Student Enrollment | 2019 Baseline GAB | Proposed Update Baseline GAB | GSF |
| 600 | 145.00 | 145.55 | 87,329 |
| 650 | 144.00 | 144.29 | 93,787 |
| 700 | 142.00 | 143.03 | 100,119 |
| 750 | 141.00 | 141.77 | 106,324 |
| 800 | 140.00 | 140.50 | 112,404 |
| 850 | 138.00 | 139.24 | 118,357 |
| 900 | 136.00 | 137.98 | 124,184 |
| 950 | 135.00 | 136.72 | 129,885 |
| 1000 | 134.00 | 135.46 | 135,460 |
| 1050 | 133.00 | 134.25 | 140,963 |
| 1100 | 132.00 | 133.04 | 146,344 |
| 1150 | 131.00 | 131.83 | 151,604 |
| 1200 | 130.00 | 130.62 | 156,744 |
| 1250 | 129.00 | 129.41 | 161,762 |
| 1300 | 128.00 | 128.20 | 166,660 |



These total GSF baselines are for determining state funding participation. They are intended to support all of the spaces required to deliver the educational programs required by the State of Maryland and to encourage multiple uses of spaces and other utilization-maximizing strategies that can reduce facility size and therefore the long-term costs of ownership. An LEA may challenge these state funding participation baselines for a given project on a case-by-case basis through an application for consideration by the IAC for a variance. As part of such an application, the LEA shall provide information sufficient that the IAC staff can analyze the proposed spaces and uses on a program-by-program basis. IAC Meeting 9/14/2023

High School GABs

| HIGH SCHOOL | | | |
|--------------------|-------------------|------------------------------|---------|
| Student Enrollment | 2019 Baseline GAB | Proposed Update Baseline GAB | GSF |
| 900 | 159.00 | 164.27 | 147,846 |
| 1000 | 158.00 | 162.82 | 162,821 |
| 1100 | 157.00 | 161.37 | 177,505 |
| 1200 | 157.00 | 159.92 | 191,899 |
| 1300 | 156.00 | 158.46 | 206,002 |
| 1400 | 155.00 | 157.01 | 219,814 |
| 1500 | 154.00 | 155.56 | 233,336 |
| 1600 | 154.00 | 154.08 | 246,528 |
| 1700 | 153.00 | 152.38 | 259,045 |
| 1800 | 153.00 | 150.68 | 271,223 |
| 1900 | 152.00 | 148.98 | 283,060 |
| 2000 | 152.00 | 147.28 | 294,557 |
| 2100 | 151.00 | 145.58 | 305,714 |
| 2200 | 150.00 | 143.92 | 316,624 |
| 2300 | 150.00 | 142.28 | 327,251 |
| 2400 | 149.00 | 140.65 | 337,552 |
| 2500 | 149.00 | 139.01 | 347,525 |
| 2600 | 149.00 | 137.37 | 357,171 |
| 2700 | 149.00 | 135.74 | 366,489 |
| 2800 | 149.00 | 134.10 | 375,480 |
| 2900 | 149.00 | 134.00 | 388,600 |



These total GSF baselines are for determining state funding participation. They are intended to support all of the spaces required to deliver the educational programs required by the State of Maryland and to encourage multiple uses of spaces and other utilization-maximizing strategies that can reduce facility size and therefore the long-term costs of ownership. An LEA may challenge these state funding participation baselines for a given project on a case-by-case basis through an application for consideration by the IAC for a variance. As part of such an application, the LEA shall provide information sufficient that the IAC staff can analyze the proposed spaces and uses on a program-by-program basis. IAC Meeting 9/14/2023

We'd love
to hear your questions



GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 100 | 153.00 | 147.00 | 165.00 |
| 101 | 153.00 | 147.00 | 165.00 |
| 102 | 153.00 | 147.00 | 165.00 |
| 103 | 153.00 | 147.00 | 165.00 |
| 104 | 153.00 | 147.00 | 165.00 |
| 105 | 153.00 | 147.00 | 165.00 |
| 106 | 153.00 | 147.00 | 165.00 |
| 107 | 153.00 | 147.00 | 165.00 |
| 108 | 153.00 | 147.00 | 165.00 |
| 109 | 153.00 | 147.00 | 165.00 |
| 110 | 153.00 | 147.00 | 165.00 |
| 111 | 153.00 | 147.00 | 165.00 |
| 112 | 153.00 | 147.00 | 165.00 |
| 113 | 153.00 | 147.00 | 165.00 |
| 114 | 153.00 | 147.00 | 165.00 |
| 115 | 153.00 | 147.00 | 165.00 |
| 116 | 153.00 | 147.00 | 165.00 |
| 117 | 153.00 | 147.00 | 165.00 |
| 118 | 153.00 | 147.00 | 165.00 |
| 119 | 153.00 | 147.00 | 165.00 |
| 120 | 153.00 | 147.00 | 165.00 |
| 121 | 153.00 | 147.00 | 165.00 |
| 122 | 153.00 | 147.00 | 165.00 |
| 123 | 153.00 | 147.00 | 165.00 |
| 124 | 153.00 | 147.00 | 165.00 |
| 125 | 153.00 | 147.00 | 165.00 |
| 126 | 153.00 | 147.00 | 165.00 |
| 127 | 153.00 | 147.00 | 165.00 |
| 128 | 153.00 | 147.00 | 165.00 |
| 129 | 153.00 | 147.00 | 165.00 |
| 130 | 153.00 | 147.00 | 165.00 |
| 131 | 153.00 | 147.00 | 165.00 |
| 132 | 153.00 | 147.00 | 165.00 |
| 133 | 153.00 | 147.00 | 165.00 |
| 134 | 153.00 | 147.00 | 165.00 |
| 135 | 153.00 | 147.00 | 165.00 |
| 136 | 153.00 | 147.00 | 165.00 |
| 137 | 153.00 | 147.00 | 165.00 |
| 138 | 153.00 | 147.00 | 165.00 |
| 139 | 153.00 | 147.00 | 165.00 |
| 140 | 153.00 | 147.00 | 165.00 |
| 141 | 153.00 | 147.00 | 165.00 |
| 142 | 153.00 | 147.00 | 165.00 |
| 143 | 153.00 | 147.00 | 165.00 |
| 144 | 153.00 | 147.00 | 165.00 |
| 145 | 153.00 | 147.00 | 165.00 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 146 | 153.00 | 147.00 | 165.00 |
| 147 | 153.00 | 147.00 | 165.00 |
| 148 | 153.00 | 147.00 | 165.00 |
| 149 | 153.00 | 147.00 | 165.00 |
| 150 | 153.00 | 147.00 | 165.00 |
| 151 | 153.00 | 147.00 | 165.00 |
| 152 | 153.00 | 147.00 | 165.00 |
| 153 | 153.00 | 147.00 | 165.00 |
| 154 | 153.00 | 147.00 | 165.00 |
| 155 | 153.00 | 147.00 | 165.00 |
| 156 | 153.00 | 147.00 | 165.00 |
| 157 | 153.00 | 147.00 | 165.00 |
| 158 | 153.00 | 147.00 | 165.00 |
| 159 | 153.00 | 147.00 | 165.00 |
| 160 | 153.00 | 147.00 | 165.00 |
| 161 | 153.00 | 147.00 | 165.00 |
| 162 | 153.00 | 147.00 | 165.00 |
| 163 | 153.00 | 147.00 | 165.00 |
| 164 | 153.00 | 147.00 | 165.00 |
| 165 | 153.00 | 147.00 | 165.00 |
| 166 | 153.00 | 147.00 | 165.00 |
| 167 | 153.00 | 147.00 | 165.00 |
| 168 | 153.00 | 147.00 | 165.00 |
| 169 | 153.00 | 147.00 | 165.00 |
| 170 | 153.00 | 147.00 | 165.00 |
| 171 | 153.00 | 147.00 | 165.00 |
| 172 | 153.00 | 147.00 | 165.00 |
| 173 | 153.00 | 147.00 | 165.00 |
| 174 | 153.00 | 147.00 | 165.00 |
| 175 | 153.00 | 147.00 | 165.00 |
| 176 | 153.00 | 147.00 | 165.00 |
| 177 | 153.00 | 147.00 | 165.00 |
| 178 | 153.00 | 147.00 | 165.00 |
| 179 | 153.00 | 147.00 | 165.00 |
| 180 | 153.00 | 147.00 | 165.00 |
| 181 | 153.00 | 147.00 | 165.00 |
| 182 | 153.00 | 147.00 | 165.00 |
| 183 | 153.00 | 147.00 | 165.00 |
| 184 | 153.00 | 147.00 | 165.00 |
| 185 | 153.00 | 147.00 | 165.00 |
| 186 | 153.00 | 147.00 | 165.00 |
| 187 | 153.00 | 147.00 | 165.00 |
| 188 | 153.00 | 147.00 | 165.00 |
| 189 | 153.00 | 147.00 | 165.00 |
| 190 | 153.00 | 147.00 | 165.00 |
| 191 | 153.00 | 147.00 | 165.00 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 192 | 153.00 | 147.00 | 165.00 |
| 193 | 153.00 | 147.00 | 165.00 |
| 194 | 153.00 | 147.00 | 165.00 |
| 195 | 153.00 | 147.00 | 165.00 |
| 196 | 153.00 | 147.00 | 165.00 |
| 197 | 153.00 | 147.00 | 165.00 |
| 198 | 153.00 | 147.00 | 165.00 |
| 199 | 153.00 | 147.00 | 165.00 |
| 200 | 153.00 | 147.00 | 165.00 |
| 201 | 153.00 | 147.00 | 165.00 |
| 202 | 153.00 | 147.00 | 165.00 |
| 203 | 153.00 | 147.00 | 165.00 |
| 204 | 153.00 | 147.00 | 165.00 |
| 205 | 153.00 | 147.00 | 165.00 |
| 206 | 153.00 | 147.00 | 165.00 |
| 207 | 153.00 | 147.00 | 165.00 |
| 208 | 153.00 | 147.00 | 165.00 |
| 209 | 153.00 | 147.00 | 165.00 |
| 210 | 153.00 | 147.00 | 165.00 |
| 211 | 153.00 | 147.00 | 165.00 |
| 212 | 153.00 | 147.00 | 165.00 |
| 213 | 153.00 | 147.00 | 165.00 |
| 214 | 153.00 | 147.00 | 165.00 |
| 215 | 153.00 | 147.00 | 165.00 |
| 216 | 153.00 | 147.00 | 165.00 |
| 217 | 153.00 | 147.00 | 165.00 |
| 218 | 153.00 | 147.00 | 165.00 |
| 219 | 153.00 | 147.00 | 165.00 |
| 220 | 153.00 | 147.00 | 165.00 |
| 221 | 153.00 | 147.00 | 165.00 |
| 222 | 153.00 | 147.00 | 165.00 |
| 223 | 153.00 | 147.00 | 165.00 |
| 224 | 153.00 | 147.00 | 165.00 |
| 225 | 153.00 | 147.00 | 165.00 |
| 226 | 153.00 | 147.00 | 165.00 |
| 227 | 153.00 | 147.00 | 165.00 |
| 228 | 153.00 | 147.00 | 165.00 |
| 229 | 153.00 | 147.00 | 165.00 |
| 230 | 153.00 | 147.00 | 165.00 |
| 231 | 153.00 | 147.00 | 165.00 |
| 232 | 153.00 | 147.00 | 165.00 |
| 233 | 153.00 | 147.00 | 165.00 |
| 234 | 153.00 | 147.00 | 165.00 |
| 235 | 153.00 | 147.00 | 165.00 |
| 236 | 153.00 | 147.00 | 165.00 |
| 237 | 153.00 | 147.00 | 165.00 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 238 | 153.00 | 147.00 | 165.00 |
| 239 | 153.00 | 147.00 | 165.00 |
| 240 | 153.00 | 147.00 | 165.00 |
| 241 | 153.00 | 147.00 | 165.00 |
| 242 | 153.00 | 147.00 | 165.00 |
| 243 | 153.00 | 147.00 | 165.00 |
| 244 | 153.00 | 147.00 | 165.00 |
| 245 | 153.00 | 147.00 | 165.00 |
| 246 | 153.00 | 147.00 | 165.00 |
| 247 | 153.00 | 147.00 | 165.00 |
| 248 | 153.00 | 147.00 | 165.00 |
| 249 | 153.00 | 147.00 | 165.00 |
| 250 | 153.00 | 147.00 | 165.00 |
| 251 | 153.00 | 147.00 | 165.00 |
| 252 | 153.00 | 147.00 | 165.00 |
| 253 | 153.00 | 147.00 | 165.00 |
| 254 | 153.00 | 147.00 | 165.00 |
| 255 | 153.00 | 147.00 | 165.00 |
| 256 | 153.00 | 147.00 | 165.00 |
| 257 | 153.00 | 147.00 | 165.00 |
| 258 | 153.00 | 147.00 | 165.00 |
| 259 | 153.00 | 147.00 | 165.00 |
| 260 | 153.00 | 147.00 | 165.00 |
| 261 | 153.00 | 147.00 | 165.00 |
| 262 | 153.00 | 147.00 | 165.00 |
| 263 | 153.00 | 147.00 | 165.00 |
| 264 | 153.00 | 147.00 | 165.00 |
| 265 | 152.94 | 147.00 | 165.00 |
| 266 | 152.87 | 147.00 | 165.00 |
| 267 | 152.81 | 147.00 | 165.00 |
| 268 | 152.74 | 147.00 | 165.00 |
| 269 | 152.68 | 147.00 | 165.00 |
| 270 | 152.61 | 147.00 | 165.00 |
| 271 | 152.55 | 147.00 | 165.00 |
| 272 | 152.48 | 147.00 | 165.00 |
| 273 | 152.42 | 147.00 | 165.00 |
| 274 | 152.35 | 147.00 | 165.00 |
| 275 | 152.29 | 147.00 | 165.00 |
| 276 | 152.22 | 147.00 | 165.00 |
| 277 | 152.16 | 147.00 | 165.00 |
| 278 | 152.09 | 147.00 | 165.00 |
| 279 | 152.03 | 147.00 | 165.00 |
| 280 | 151.96 | 147.00 | 165.00 |
| 281 | 151.90 | 147.00 | 165.00 |
| 282 | 151.83 | 147.00 | 165.00 |
| 283 | 151.77 | 147.00 | 165.00 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 284 | 151.70 | 147.00 | 165.00 |
| 285 | 151.64 | 147.00 | 165.00 |
| 286 | 151.57 | 147.00 | 165.00 |
| 287 | 151.51 | 147.00 | 165.00 |
| 288 | 151.44 | 147.00 | 165.00 |
| 289 | 151.38 | 147.00 | 165.00 |
| 290 | 151.31 | 147.00 | 165.00 |
| 291 | 151.25 | 147.00 | 165.00 |
| 292 | 151.18 | 147.00 | 165.00 |
| 293 | 151.12 | 147.00 | 165.00 |
| 294 | 151.05 | 147.00 | 165.00 |
| 295 | 150.99 | 147.00 | 165.00 |
| 296 | 150.92 | 147.00 | 165.00 |
| 297 | 150.86 | 147.00 | 165.00 |
| 298 | 150.79 | 147.00 | 165.00 |
| 299 | 150.73 | 147.00 | 165.00 |
| 300 | 150.66 | 147.00 | 165.00 |
| 301 | 150.60 | 147.00 | 165.00 |
| 302 | 150.53 | 147.00 | 165.00 |
| 303 | 150.47 | 147.00 | 165.00 |
| 304 | 150.40 | 147.00 | 165.00 |
| 305 | 150.34 | 147.00 | 165.00 |
| 306 | 150.27 | 147.00 | 165.00 |
| 307 | 150.21 | 147.00 | 165.00 |
| 308 | 150.14 | 147.00 | 165.00 |
| 309 | 150.08 | 147.00 | 165.00 |
| 310 | 150.01 | 147.00 | 165.00 |
| 311 | 149.95 | 147.00 | 165.00 |
| 312 | 149.88 | 147.00 | 165.00 |
| 313 | 149.82 | 147.00 | 165.00 |
| 314 | 149.75 | 147.00 | 165.00 |
| 315 | 149.69 | 147.00 | 165.00 |
| 316 | 149.62 | 147.00 | 165.00 |
| 317 | 149.56 | 147.00 | 165.00 |
| 318 | 149.49 | 147.00 | 165.00 |
| 319 | 149.43 | 147.00 | 165.00 |
| 320 | 149.36 | 147.00 | 165.00 |
| 321 | 149.30 | 147.00 | 165.00 |
| 322 | 149.23 | 147.00 | 165.00 |
| 323 | 149.17 | 147.00 | 165.00 |
| 324 | 149.10 | 147.00 | 165.00 |
| 325 | 149.04 | 147.00 | 165.00 |
| 326 | 148.97 | 147.00 | 165.00 |
| 327 | 148.91 | 147.00 | 165.00 |
| 328 | 148.84 | 147.00 | 165.00 |
| 329 | 148.78 | 147.00 | 165.00 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 330 | 148.71 | 147.00 | 165.00 |
| 331 | 148.65 | 147.00 | 165.00 |
| 332 | 148.58 | 147.00 | 165.00 |
| 333 | 148.52 | 147.00 | 165.00 |
| 334 | 148.45 | 147.00 | 165.00 |
| 335 | 148.39 | 147.00 | 165.00 |
| 336 | 148.32 | 147.00 | 165.00 |
| 337 | 148.26 | 147.00 | 165.00 |
| 338 | 148.19 | 147.00 | 165.00 |
| 339 | 148.13 | 147.00 | 165.00 |
| 340 | 148.06 | 147.00 | 165.00 |
| 341 | 148.00 | 147.00 | 165.00 |
| 342 | 147.93 | 147.00 | 165.00 |
| 343 | 147.87 | 147.00 | 165.00 |
| 344 | 147.80 | 147.00 | 165.00 |
| 345 | 147.74 | 147.00 | 165.00 |
| 346 | 147.67 | 147.00 | 165.00 |
| 347 | 147.61 | 147.00 | 165.00 |
| 348 | 147.54 | 147.00 | 165.00 |
| 349 | 147.48 | 147.00 | 165.00 |
| 350 | 147.41 | 147.00 | 165.00 |
| 351 | 147.35 | 147.00 | 165.00 |
| 352 | 147.28 | 147.00 | 165.00 |
| 353 | 147.22 | 147.00 | 165.00 |
| 354 | 147.15 | 147.00 | 165.00 |
| 355 | 147.09 | 147.00 | 165.00 |
| 356 | 147.02 | 147.00 | 165.00 |
| 357 | 146.96 | 147.00 | 165.00 |
| 358 | 146.89 | 147.00 | 165.00 |
| 359 | 146.83 | 147.00 | 165.00 |
| 360 | 146.76 | 147.00 | 165.00 |
| 361 | 146.70 | 147.00 | 165.00 |
| 362 | 146.63 | 147.00 | 165.00 |
| 363 | 146.57 | 147.00 | 165.00 |
| 364 | 146.50 | 147.00 | 165.00 |
| 365 | 146.44 | 147.00 | 165.00 |
| 366 | 146.37 | 147.00 | 165.00 |
| 367 | 146.31 | 147.00 | 165.00 |
| 368 | 146.24 | 147.00 | 165.00 |
| 369 | 146.18 | 147.00 | 165.00 |
| 370 | 146.11 | 147.00 | 165.00 |
| 371 | 146.05 | 147.00 | 165.00 |
| 372 | 145.98 | 147.00 | 165.00 |
| 373 | 145.92 | 147.00 | 165.00 |
| 374 | 145.85 | 147.00 | 165.00 |
| 375 | 145.79 | 147.00 | 165.00 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 376 | 145.72 | 147.00 | 165.00 |
| 377 | 145.66 | 147.00 | 165.00 |
| 378 | 145.59 | 147.00 | 165.00 |
| 379 | 145.53 | 147.00 | 165.00 |
| 380 | 145.46 | 147.00 | 165.00 |
| 381 | 145.40 | 147.00 | 165.00 |
| 382 | 145.34 | 147.00 | 165.00 |
| 383 | 145.27 | 147.00 | 165.00 |
| 384 | 145.21 | 147.00 | 165.00 |
| 385 | 145.14 | 147.00 | 165.00 |
| 386 | 145.08 | 147.00 | 165.00 |
| 387 | 145.01 | 147.00 | 165.00 |
| 388 | 144.95 | 147.00 | 165.00 |
| 389 | 144.88 | 147.00 | 165.00 |
| 390 | 144.82 | 147.00 | 165.00 |
| 391 | 144.75 | 147.00 | 165.00 |
| 392 | 144.69 | 147.00 | 165.00 |
| 393 | 144.62 | 147.00 | 165.00 |
| 394 | 144.56 | 147.00 | 165.00 |
| 395 | 144.49 | 147.00 | 165.00 |
| 396 | 144.43 | 147.00 | 165.00 |
| 397 | 144.36 | 147.00 | 165.00 |
| 398 | 144.30 | 147.00 | 165.00 |
| 399 | 144.23 | 147.00 | 165.00 |
| 400 | 144.17 | 147.00 | 165.00 |
| 401 | 144.10 | 147.00 | 165.00 |
| 402 | 144.04 | 147.00 | 165.00 |
| 403 | 143.97 | 147.00 | 165.00 |
| 404 | 143.91 | 147.00 | 165.00 |
| 405 | 143.84 | 147.00 | 165.00 |
| 406 | 143.78 | 147.00 | 165.00 |
| 407 | 143.71 | 147.00 | 165.00 |
| 408 | 143.65 | 147.00 | 165.00 |
| 409 | 143.58 | 147.00 | 165.00 |
| 410 | 143.52 | 147.00 | 165.00 |
| 411 | 143.45 | 147.00 | 165.00 |
| 412 | 143.39 | 147.00 | 165.00 |
| 413 | 143.32 | 147.00 | 165.00 |
| 414 | 143.26 | 147.00 | 165.00 |
| 415 | 143.19 | 147.00 | 165.00 |
| 416 | 143.13 | 147.00 | 165.00 |
| 417 | 143.06 | 147.00 | 165.00 |
| 418 | 143.00 | 147.00 | 165.00 |
| 419 | 142.93 | 147.00 | 165.00 |
| 420 | 142.87 | 147.00 | 165.00 |
| 421 | 142.80 | 147.00 | 165.00 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 422 | 142.74 | 147.00 | 165.00 |
| 423 | 142.67 | 147.00 | 165.00 |
| 424 | 142.61 | 147.00 | 165.00 |
| 425 | 142.54 | 147.00 | 165.00 |
| 426 | 142.48 | 147.00 | 165.00 |
| 427 | 142.41 | 147.00 | 165.00 |
| 428 | 142.35 | 147.00 | 165.00 |
| 429 | 142.28 | 147.00 | 165.00 |
| 430 | 142.22 | 147.00 | 165.00 |
| 431 | 142.15 | 147.00 | 165.00 |
| 432 | 142.09 | 147.00 | 165.00 |
| 433 | 142.02 | 147.00 | 165.00 |
| 434 | 141.96 | 147.00 | 165.00 |
| 435 | 141.89 | 147.00 | 165.00 |
| 436 | 141.83 | 147.00 | 165.00 |
| 437 | 141.76 | 147.00 | 165.00 |
| 438 | 141.70 | 147.00 | 165.00 |
| 439 | 141.63 | 147.00 | 165.00 |
| 440 | 141.57 | 147.00 | 165.00 |
| 441 | 141.50 | 147.00 | 165.00 |
| 442 | 141.44 | 147.00 | 165.00 |
| 443 | 141.37 | 147.00 | 165.00 |
| 444 | 141.31 | 147.00 | 165.00 |
| 445 | 141.24 | 147.00 | 165.00 |
| 446 | 141.18 | 147.00 | 165.00 |
| 447 | 141.11 | 147.00 | 165.00 |
| 448 | 141.05 | 147.00 | 165.00 |
| 449 | 140.98 | 147.00 | 165.00 |
| 450 | 140.92 | 147.00 | 165.00 |
| 451 | 140.85 | 147.00 | 165.00 |
| 452 | 140.79 | 147.00 | 165.00 |
| 453 | 140.72 | 147.00 | 165.00 |
| 454 | 140.66 | 147.00 | 165.00 |
| 455 | 140.59 | 147.00 | 165.00 |
| 456 | 140.53 | 147.00 | 165.00 |
| 457 | 140.46 | 147.00 | 165.00 |
| 458 | 140.40 | 147.00 | 165.00 |
| 459 | 140.33 | 147.00 | 165.00 |
| 460 | 140.27 | 147.00 | 165.00 |
| 461 | 140.20 | 147.00 | 165.00 |
| 462 | 140.14 | 147.00 | 165.00 |
| 463 | 140.07 | 147.00 | 165.00 |
| 464 | 140.01 | 147.00 | 165.00 |
| 465 | 139.94 | 147.00 | 165.00 |
| 466 | 139.88 | 147.00 | 165.00 |
| 467 | 139.81 | 147.00 | 165.00 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 468 | 139.75 | 147.00 | 165.00 |
| 469 | 139.68 | 147.00 | 165.00 |
| 470 | 139.62 | 147.00 | 165.00 |
| 471 | 139.55 | 147.00 | 165.00 |
| 472 | 139.49 | 147.00 | 165.00 |
| 473 | 139.42 | 147.00 | 165.00 |
| 474 | 139.36 | 147.00 | 165.00 |
| 475 | 139.29 | 147.00 | 165.00 |
| 476 | 139.23 | 147.00 | 165.00 |
| 477 | 139.16 | 147.00 | 165.00 |
| 478 | 139.10 | 147.00 | 165.00 |
| 479 | 139.03 | 147.00 | 165.00 |
| 480 | 138.97 | 147.00 | 165.00 |
| 481 | 138.90 | 147.00 | 165.00 |
| 482 | 138.84 | 147.00 | 165.00 |
| 483 | 138.77 | 147.00 | 165.00 |
| 484 | 138.71 | 147.00 | 165.00 |
| 485 | 138.64 | 147.00 | 165.00 |
| 486 | 138.58 | 147.00 | 165.00 |
| 487 | 138.51 | 147.00 | 165.00 |
| 488 | 138.45 | 147.00 | 165.00 |
| 489 | 138.38 | 147.00 | 165.00 |
| 490 | 138.32 | 147.00 | 165.00 |
| 491 | 138.25 | 147.00 | 165.00 |
| 492 | 138.19 | 147.00 | 165.00 |
| 493 | 138.12 | 147.00 | 165.00 |
| 494 | 138.06 | 147.00 | 165.00 |
| 495 | 137.99 | 147.00 | 165.00 |
| 496 | 137.93 | 147.00 | 165.00 |
| 497 | 137.86 | 147.00 | 165.00 |
| 498 | 137.80 | 147.00 | 165.00 |
| 499 | 137.74 | 147.00 | 165.00 |
| 500 | 137.8 | 147.00 | 165.00 |
| 501 | 137.74 | 147.00 | 165.00 |
| 502 | 137.67 | 147.00 | 165.00 |
| 503 | 137.61 | 147.00 | 165.00 |
| 504 | 137.55 | 147.00 | 165.00 |
| 505 | 137.49 | 147.00 | 165.00 |
| 506 | 137.42 | 147.00 | 165.00 |
| 507 | 137.36 | 147.00 | 165.00 |
| 508 | 137.30 | 147.00 | 165.00 |
| 509 | 137.24 | 147.00 | 165.00 |
| 510 | 137.17 | 147.00 | 165.00 |
| 511 | 137.11 | 147.00 | 165.00 |
| 512 | 137.05 | 147.00 | 165.00 |
| 513 | 136.98 | 147.00 | 165.00 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 514 | 136.92 | 147.00 | 165.00 |
| 515 | 136.86 | 147.00 | 165.00 |
| 516 | 136.80 | 147.00 | 165.00 |
| 517 | 136.73 | 147.00 | 165.00 |
| 518 | 136.67 | 147.00 | 165.00 |
| 519 | 136.61 | 147.00 | 165.00 |
| 520 | 136.55 | 147.00 | 165.00 |
| 521 | 136.48 | 147.00 | 165.00 |
| 522 | 136.42 | 147.00 | 165.00 |
| 523 | 136.36 | 147.00 | 165.00 |
| 524 | 136.30 | 147.00 | 165.00 |
| 525 | 136.23 | 147.00 | 165.00 |
| 526 | 136.17 | 147.00 | 165.00 |
| 527 | 136.11 | 147.00 | 165.00 |
| 528 | 136.04 | 147.00 | 165.00 |
| 529 | 135.98 | 147.00 | 165.00 |
| 530 | 135.92 | 147.00 | 165.00 |
| 531 | 135.86 | 147.00 | 165.00 |
| 532 | 135.79 | 147.00 | 165.00 |
| 533 | 135.73 | 147.00 | 165.00 |
| 534 | 135.67 | 147.00 | 165.00 |
| 535 | 135.61 | 147.00 | 165.00 |
| 536 | 135.54 | 147.00 | 165.00 |
| 537 | 135.48 | 147.00 | 165.00 |
| 538 | 135.42 | 147.00 | 165.00 |
| 539 | 135.35 | 147.00 | 165.00 |
| 540 | 135.29 | 147.00 | 165.00 |
| 541 | 135.23 | 147.00 | 165.00 |
| 542 | 135.17 | 147.00 | 165.00 |
| 543 | 135.10 | 146.99 | 165.00 |
| 544 | 135.04 | 146.96 | 165.00 |
| 545 | 134.98 | 146.94 | 165.00 |
| 546 | 134.92 | 146.91 | 165.00 |
| 547 | 134.85 | 146.89 | 165.00 |
| 548 | 134.79 | 146.86 | 165.00 |
| 549 | 134.73 | 146.84 | 165.00 |
| 550 | 134.66 | 146.81 | 165.00 |
| 551 | 134.60 | 146.78 | 165.00 |
| 552 | 134.54 | 146.76 | 165.00 |
| 553 | 134.48 | 146.73 | 165.00 |
| 554 | 134.41 | 146.71 | 165.00 |
| 555 | 134.35 | 146.68 | 165.00 |
| 556 | 134.29 | 146.66 | 165.00 |
| 557 | 134.23 | 146.63 | 165.00 |
| 558 | 134.16 | 146.61 | 165.00 |
| 559 | 134.10 | 146.58 | 165.00 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 560 | 134.04 | 146.56 | 165.00 |
| 561 | 133.98 | 146.53 | 165.00 |
| 562 | 133.91 | 146.51 | 165.00 |
| 563 | 133.85 | 146.48 | 165.00 |
| 564 | 133.79 | 146.46 | 165.00 |
| 565 | 133.72 | 146.43 | 165.00 |
| 566 | 133.66 | 146.41 | 165.00 |
| 567 | 133.60 | 146.38 | 165.00 |
| 568 | 133.54 | 146.36 | 165.00 |
| 569 | 133.47 | 146.33 | 165.00 |
| 570 | 133.41 | 146.31 | 165.00 |
| 571 | 133.35 | 146.28 | 165.00 |
| 572 | 133.29 | 146.26 | 165.00 |
| 573 | 133.22 | 146.23 | 165.00 |
| 574 | 133.16 | 146.20 | 165.00 |
| 575 | 133.10 | 146.18 | 165.00 |
| 576 | 133.03 | 146.15 | 165.00 |
| 577 | 132.97 | 146.13 | 165.00 |
| 578 | 132.91 | 146.10 | 165.00 |
| 579 | 132.85 | 146.08 | 165.00 |
| 580 | 132.78 | 146.05 | 165.00 |
| 581 | 132.72 | 146.03 | 165.00 |
| 582 | 132.66 | 146.00 | 165.00 |
| 583 | 132.60 | 145.98 | 165.00 |
| 584 | 132.53 | 145.95 | 165.00 |
| 585 | 132.47 | 145.93 | 165.00 |
| 586 | 132.41 | 145.90 | 165.00 |
| 587 | 132.35 | 145.88 | 165.00 |
| 588 | 132.28 | 145.85 | 165.00 |
| 589 | 132.22 | 145.83 | 165.00 |
| 590 | 132.16 | 145.80 | 165.00 |
| 591 | 132.09 | 145.78 | 165.00 |
| 592 | 132.03 | 145.75 | 165.00 |
| 593 | 131.97 | 145.73 | 165.00 |
| 594 | 131.91 | 145.70 | 165.00 |
| 595 | 131.84 | 145.68 | 165.00 |
| 596 | 131.78 | 145.65 | 165.00 |
| 597 | 131.72 | 145.62 | 165.00 |
| 598 | 131.66 | 145.60 | 165.00 |
| 599 | 131.59 | 145.57 | 165.00 |
| 600 | 131.53 | 145.55 | 165.00 |
| 601 | 131.47 | 145.52 | 165.00 |
| 602 | 131.40 | 145.50 | 165.00 |
| 603 | 131.34 | 145.47 | 165.00 |
| 604 | 131.28 | 145.45 | 165.00 |
| 605 | 131.22 | 145.42 | 165.00 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 606 | 131.15 | 145.40 | 165.00 |
| 607 | 131.09 | 145.37 | 165.00 |
| 608 | 131.03 | 145.35 | 165.00 |
| 609 | 130.97 | 145.32 | 165.00 |
| 610 | 130.90 | 145.30 | 165.00 |
| 611 | 130.84 | 145.27 | 165.00 |
| 612 | 130.78 | 145.25 | 165.00 |
| 613 | 130.71 | 145.22 | 165.00 |
| 614 | 130.65 | 145.20 | 165.00 |
| 615 | 130.59 | 145.17 | 165.00 |
| 616 | 130.53 | 145.15 | 165.00 |
| 617 | 130.46 | 145.12 | 165.00 |
| 618 | 130.40 | 145.09 | 165.00 |
| 619 | 130.34 | 145.07 | 165.00 |
| 620 | 130.28 | 145.04 | 165.00 |
| 621 | 130.21 | 145.02 | 165.00 |
| 622 | 130.15 | 144.99 | 165.00 |
| 623 | 130.09 | 144.97 | 165.00 |
| 624 | 130.03 | 144.94 | 165.00 |
| 625 | 129.96 | 144.92 | 165.00 |
| 626 | 129.90 | 144.89 | 165.00 |
| 627 | 129.84 | 144.87 | 165.00 |
| 628 | 129.77 | 144.84 | 165.00 |
| 629 | 129.71 | 144.82 | 165.00 |
| 630 | 129.65 | 144.79 | 165.00 |
| 631 | 129.59 | 144.77 | 165.00 |
| 632 | 129.52 | 144.74 | 165.00 |
| 633 | 129.46 | 144.72 | 165.00 |
| 634 | 129.40 | 144.69 | 165.00 |
| 635 | 129.34 | 144.67 | 165.00 |
| 636 | 129.27 | 144.64 | 165.00 |
| 637 | 129.21 | 144.62 | 165.00 |
| 638 | 129.15 | 144.59 | 165.00 |
| 639 | 129.08 | 144.57 | 165.00 |
| 640 | 129.02 | 144.54 | 165.00 |
| 641 | 128.96 | 144.51 | 165.00 |
| 642 | 128.90 | 144.49 | 165.00 |
| 643 | 128.83 | 144.46 | 165.00 |
| 644 | 128.77 | 144.44 | 165.00 |
| 645 | 128.71 | 144.41 | 165.00 |
| 646 | 128.65 | 144.39 | 165.00 |
| 647 | 128.58 | 144.36 | 165.00 |
| 648 | 128.52 | 144.34 | 165.00 |
| 649 | 128.46 | 144.31 | 165.00 |
| 650 | 128.39 | 144.29 | 165.00 |
| 651 | 128.33 | 144.26 | 165.00 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 652 | 128.27 | 144.24 | 165.00 |
| 653 | 128.21 | 144.21 | 165.00 |
| 654 | 128.14 | 144.19 | 165.00 |
| 655 | 128.08 | 144.16 | 165.00 |
| 656 | 128.02 | 144.14 | 165.00 |
| 657 | 127.96 | 144.11 | 165.00 |
| 658 | 127.89 | 144.09 | 165.00 |
| 659 | 127.83 | 144.06 | 165.00 |
| 660 | 127.77 | 144.04 | 165.00 |
| 661 | 127.71 | 144.01 | 165.00 |
| 662 | 127.64 | 143.99 | 165.00 |
| 663 | 127.58 | 143.96 | 165.00 |
| 664 | 127.52 | 143.93 | 165.00 |
| 665 | 127.45 | 143.91 | 165.00 |
| 666 | 127.39 | 143.88 | 165.00 |
| 667 | 127.33 | 143.86 | 165.00 |
| 668 | 127.27 | 143.83 | 165.00 |
| 669 | 127.20 | 143.81 | 165.00 |
| 670 | 127.14 | 143.78 | 165.00 |
| 671 | 127.08 | 143.76 | 165.00 |
| 672 | 127.02 | 143.73 | 165.00 |
| 673 | 126.95 | 143.71 | 165.00 |
| 674 | 126.89 | 143.68 | 165.00 |
| 675 | 126.83 | 143.66 | 165.00 |
| 676 | 126.76 | 143.63 | 165.00 |
| 677 | 126.70 | 143.61 | 165.00 |
| 678 | 126.64 | 143.58 | 165.00 |
| 679 | 126.58 | 143.56 | 165.00 |
| 680 | 126.51 | 143.53 | 165.00 |
| 681 | 126.45 | 143.51 | 165.00 |
| 682 | 126.39 | 143.48 | 165.00 |
| 683 | 126.33 | 143.46 | 165.00 |
| 684 | 126.26 | 143.43 | 165.00 |
| 685 | 126.20 | 143.41 | 165.00 |
| 686 | 126.14 | 143.38 | 165.00 |
| 687 | 126.07 | 143.35 | 165.00 |
| 688 | 126.01 | 143.33 | 165.00 |
| 689 | 125.95 | 143.30 | 165.00 |
| 690 | 125.89 | 143.28 | 165.00 |
| 691 | 125.82 | 143.25 | 165.00 |
| 692 | 125.76 | 143.23 | 165.00 |
| 693 | 125.70 | 143.20 | 165.00 |
| 694 | 125.64 | 143.18 | 165.00 |
| 695 | 125.57 | 143.15 | 165.00 |
| 696 | 125.51 | 143.13 | 165.00 |
| 697 | 125.45 | 143.10 | 165.00 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 698 | 125.39 | 143.08 | 165.00 |
| 699 | 125.32 | 143.05 | 165.00 |
| 700 | 125.26 | 143.03 | 165.00 |
| 701 | 125.20 | 143.00 | 165.00 |
| 702 | 125.13 | 142.98 | 165.00 |
| 703 | 125.07 | 142.95 | 165.00 |
| 704 | 125.01 | 142.93 | 165.00 |
| 705 | 124.95 | 142.90 | 165.00 |
| 706 | 124.88 | 142.88 | 165.00 |
| 707 | 124.82 | 142.85 | 165.00 |
| 708 | 124.76 | 142.82 | 165.00 |
| 709 | 124.70 | 142.80 | 165.00 |
| 710 | 124.63 | 142.77 | 165.00 |
| 711 | 124.57 | 142.75 | 165.00 |
| 712 | 124.51 | 142.72 | 165.00 |
| 713 | 124.44 | 142.70 | 165.00 |
| 714 | 124.38 | 142.67 | 165.00 |
| 715 | 124.32 | 142.65 | 165.00 |
| 716 | 124.26 | 142.62 | 165.00 |
| 717 | 124.19 | 142.60 | 165.00 |
| 718 | 124.13 | 142.57 | 165.00 |
| 719 | 124.07 | 142.55 | 165.00 |
| 720 | 124.01 | 142.52 | 165.00 |
| 721 | 123.94 | 142.50 | 165.00 |
| 722 | 123.88 | 142.47 | 165.00 |
| 723 | 123.82 | 142.45 | 165.00 |
| 724 | 123.76 | 142.42 | 165.00 |
| 725 | 123.69 | 142.40 | 165.00 |
| 726 | 123.63 | 142.37 | 165.00 |
| 727 | 123.57 | 142.35 | 165.00 |
| 728 | 123.50 | 142.32 | 165.00 |
| 729 | 123.44 | 142.30 | 165.00 |
| 730 | 123.38 | 142.27 | 165.00 |
| 731 | 123.32 | 142.24 | 165.00 |
| 732 | 123.25 | 142.22 | 165.00 |
| 733 | 123.19 | 142.19 | 165.00 |
| 734 | 123.13 | 142.17 | 165.00 |
| 735 | 123.07 | 142.14 | 165.00 |
| 736 | 123.00 | 142.12 | 165.00 |
| 737 | 122.94 | 142.09 | 165.00 |
| 738 | 122.88 | 142.07 | 165.00 |
| 739 | 122.81 | 142.04 | 165.00 |
| 740 | 122.75 | 142.02 | 165.00 |
| 741 | 122.69 | 141.99 | 165.00 |
| 742 | 122.63 | 141.97 | 165.00 |
| 743 | 122.56 | 141.94 | 165.00 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 744 | 122.50 | 141.92 | 165.00 |
| 745 | 122.44 | 141.89 | 165.00 |
| 746 | 122.38 | 141.87 | 165.00 |
| 747 | 122.31 | 141.84 | 165.00 |
| 748 | 122.25 | 141.82 | 165.00 |
| 749 | 122.19 | 141.79 | 165.00 |
| 750 | 122.12 | 141.77 | 165.00 |
| 751 | 122.06 | 141.74 | 165.00 |
| 752 | 122.00 | 141.72 | 165.00 |
| 753 | 121.94 | 141.69 | 165.00 |
| 754 | 121.87 | 141.66 | 165.00 |
| 755 | 121.81 | 141.64 | 165.00 |
| 756 | 121.75 | 141.61 | 165.00 |
| 757 | 121.69 | 141.59 | 165.00 |
| 758 | 121.62 | 141.56 | 165.00 |
| 759 | 121.56 | 141.54 | 165.00 |
| 760 | 121.50 | 141.51 | 165.00 |
| 761 | 121.44 | 141.49 | 165.00 |
| 762 | 121.37 | 141.46 | 165.00 |
| 763 | 121.31 | 141.44 | 165.00 |
| 764 | 121.25 | 141.41 | 165.00 |
| 765 | 121.21 | 141.39 | 165.00 |
| 766 | 121.18 | 141.36 | 165.00 |
| 767 | 121.15 | 141.34 | 165.00 |
| 768 | 121.11 | 141.31 | 165.00 |
| 769 | 121.08 | 141.29 | 165.00 |
| 770 | 121.04 | 141.26 | 165.00 |
| 771 | 121.01 | 141.24 | 165.00 |
| 772 | 120.98 | 141.21 | 165.00 |
| 773 | 120.94 | 141.19 | 165.00 |
| 774 | 120.91 | 141.16 | 165.00 |
| 775 | 120.87 | 141.13 | 165.00 |
| 776 | 120.84 | 141.11 | 165.00 |
| 777 | 120.81 | 141.08 | 165.00 |
| 778 | 120.77 | 141.06 | 165.00 |
| 779 | 120.74 | 141.03 | 165.00 |
| 780 | 120.71 | 141.01 | 165.00 |
| 781 | 120.67 | 140.98 | 165.00 |
| 782 | 120.64 | 140.96 | 165.00 |
| 783 | 120.60 | 140.93 | 165.00 |
| 784 | 120.57 | 140.91 | 165.00 |
| 785 | 120.54 | 140.88 | 165.00 |
| 786 | 120.50 | 140.86 | 165.00 |
| 787 | 120.47 | 140.83 | 165.00 |
| 788 | 120.43 | 140.81 | 165.00 |
| 789 | 120.40 | 140.78 | 165.00 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 790 | 120.37 | 140.76 | 165.00 |
| 791 | 120.33 | 140.73 | 165.00 |
| 792 | 120.30 | 140.71 | 165.00 |
| 793 | 120.27 | 140.68 | 165.00 |
| 794 | 120.23 | 140.66 | 165.00 |
| 795 | 120.20 | 140.63 | 165.00 |
| 796 | 120.16 | 140.61 | 165.00 |
| 797 | 120.13 | 140.58 | 165.00 |
| 798 | 120.10 | 140.55 | 165.00 |
| 799 | 120.06 | 140.53 | 165.00 |
| 800 | 120.03 | 140.50 | 165.00 |
| 801 | 119.99 | 140.48 | 165.00 |
| 802 | 119.96 | 140.45 | 165.00 |
| 803 | 119.93 | 140.43 | 165.00 |
| 804 | 119.89 | 140.40 | 165.00 |
| 805 | 119.86 | 140.38 | 165.00 |
| 806 | 119.83 | 140.35 | 165.00 |
| 807 | 119.79 | 140.33 | 165.00 |
| 808 | 119.76 | 140.30 | 165.00 |
| 809 | 119.72 | 140.28 | 165.00 |
| 810 | 119.69 | 140.25 | 165.00 |
| 811 | 119.66 | 140.23 | 165.00 |
| 812 | 119.62 | 140.20 | 165.00 |
| 813 | 119.59 | 140.18 | 165.00 |
| 814 | 119.55 | 140.15 | 165.00 |
| 815 | 119.52 | 140.13 | 165.00 |
| 816 | 119.49 | 140.10 | 165.00 |
| 817 | 119.45 | 140.08 | 165.00 |
| 818 | 119.42 | 140.05 | 165.00 |
| 819 | 119.39 | 140.03 | 165.00 |
| 820 | 119.35 | 140.00 | 165.00 |
| 821 | 119.32 | 139.97 | 165.00 |
| 822 | 119.28 | 139.95 | 165.00 |
| 823 | 119.25 | 139.92 | 165.00 |
| 824 | 119.22 | 139.90 | 165.00 |
| 825 | 119.18 | 139.87 | 165.00 |
| 826 | 119.15 | 139.85 | 165.00 |
| 827 | 119.11 | 139.82 | 165.00 |
| 828 | 119.08 | 139.80 | 165.00 |
| 829 | 119.05 | 139.77 | 165.00 |
| 830 | 119.01 | 139.75 | 165.00 |
| 831 | 118.98 | 139.72 | 165.00 |
| 832 | 118.95 | 139.70 | 165.00 |
| 833 | 118.91 | 139.67 | 165.00 |
| 834 | 118.88 | 139.65 | 165.00 |
| 835 | 118.84 | 139.62 | 165.00 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 836 | 118.81 | 139.60 | 165.00 |
| 837 | 118.78 | 139.57 | 165.00 |
| 838 | 118.74 | 139.55 | 165.00 |
| 839 | 118.71 | 139.52 | 165.00 |
| 840 | 118.67 | 139.50 | 165.00 |
| 841 | 118.64 | 139.47 | 165.00 |
| 842 | 118.61 | 139.45 | 165.00 |
| 843 | 118.57 | 139.42 | 165.00 |
| 844 | 118.54 | 139.39 | 165.00 |
| 845 | 118.51 | 139.37 | 165.00 |
| 846 | 118.47 | 139.34 | 165.00 |
| 847 | 118.44 | 139.32 | 165.00 |
| 848 | 118.40 | 139.29 | 165.00 |
| 849 | 118.37 | 139.27 | 165.00 |
| 850 | 118.34 | 139.24 | 165.00 |
| 851 | 118.30 | 139.22 | 164.99 |
| 852 | 118.27 | 139.19 | 164.97 |
| 853 | 118.23 | 139.17 | 164.96 |
| 854 | 118.20 | 139.14 | 164.94 |
| 855 | 118.17 | 139.12 | 164.93 |
| 856 | 118.13 | 139.09 | 164.91 |
| 857 | 118.10 | 139.07 | 164.90 |
| 858 | 118.07 | 139.04 | 164.88 |
| 859 | 118.03 | 139.02 | 164.87 |
| 860 | 118.00 | 138.99 | 164.85 |
| 861 | 117.96 | 138.97 | 164.84 |
| 862 | 117.93 | 138.94 | 164.83 |
| 863 | 117.90 | 138.92 | 164.81 |
| 864 | 117.86 | 138.89 | 164.80 |
| 865 | 117.83 | 138.86 | 164.78 |
| 866 | 117.79 | 138.84 | 164.77 |
| 867 | 117.76 | 138.81 | 164.75 |
| 868 | 117.73 | 138.79 | 164.74 |
| 869 | 117.69 | 138.76 | 164.72 |
| 870 | 117.66 | 138.74 | 164.71 |
| 871 | 117.63 | 138.71 | 164.69 |
| 872 | 117.59 | 138.69 | 164.68 |
| 873 | 117.56 | 138.66 | 164.67 |
| 874 | 117.52 | 138.64 | 164.65 |
| 875 | 117.49 | 138.61 | 164.64 |
| 876 | 117.46 | 138.59 | 164.62 |
| 877 | 117.42 | 138.56 | 164.61 |
| 878 | 117.39 | 138.54 | 164.59 |
| 879 | 117.35 | 138.51 | 164.58 |
| 880 | 117.32 | 138.49 | 164.56 |
| 881 | 117.29 | 138.46 | 164.55 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 882 | 117.25 | 138.44 | 164.54 |
| 883 | 117.22 | 138.41 | 164.52 |
| 884 | 117.18 | 138.39 | 164.51 |
| 885 | 117.15 | 138.36 | 164.49 |
| 886 | 117.12 | 138.34 | 164.48 |
| 887 | 117.08 | 138.31 | 164.46 |
| 888 | 117.05 | 138.28 | 164.45 |
| 889 | 117.01 | 138.26 | 164.43 |
| 890 | 116.98 | 138.23 | 164.42 |
| 891 | 116.95 | 138.21 | 164.40 |
| 892 | 116.91 | 138.18 | 164.39 |
| 893 | 116.88 | 138.16 | 164.38 |
| 894 | 116.84 | 138.13 | 164.36 |
| 895 | 116.81 | 138.11 | 164.35 |
| 896 | 116.77 | 138.08 | 164.33 |
| 897 | 116.74 | 138.06 | 164.32 |
| 898 | 116.71 | 138.03 | 164.30 |
| 899 | 116.67 | 138.01 | 164.29 |
| 900 | 116.64 | 137.98 | 164.27 |
| 901 | 116.60 | 137.96 | 164.26 |
| 902 | 116.57 | 137.93 | 164.24 |
| 903 | 116.54 | 137.91 | 164.23 |
| 904 | 116.50 | 137.88 | 164.22 |
| 905 | 116.47 | 137.86 | 164.20 |
| 906 | 116.43 | 137.83 | 164.19 |
| 907 | 116.40 | 137.81 | 164.17 |
| 908 | 116.37 | 137.78 | 164.16 |
| 909 | 116.33 | 137.76 | 164.14 |
| 910 | 116.30 | 137.73 | 164.13 |
| 911 | 116.26 | 137.70 | 164.11 |
| 912 | 116.23 | 137.68 | 164.10 |
| 913 | 116.20 | 137.65 | 164.08 |
| 914 | 116.16 | 137.63 | 164.07 |
| 915 | 116.13 | 137.60 | 164.06 |
| 916 | 116.09 | 137.58 | 164.04 |
| 917 | 116.06 | 137.55 | 164.03 |
| 918 | 116.03 | 137.53 | 164.01 |
| 919 | 115.99 | 137.50 | 164.00 |
| 920 | 115.96 | 137.48 | 163.98 |
| 921 | 115.92 | 137.45 | 163.97 |
| 922 | 115.89 | 137.43 | 163.95 |
| 923 | 115.86 | 137.40 | 163.94 |
| 924 | 115.82 | 137.38 | 163.93 |
| 925 | 115.79 | 137.35 | 163.91 |
| 926 | 115.75 | 137.33 | 163.90 |
| 927 | 115.72 | 137.30 | 163.88 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 928 | 115.69 | 137.28 | 163.87 |
| 929 | 115.65 | 137.25 | 163.85 |
| 930 | 115.62 | 137.23 | 163.84 |
| 931 | 115.58 | 137.20 | 163.82 |
| 932 | 115.55 | 137.18 | 163.81 |
| 933 | 115.51 | 137.15 | 163.79 |
| 934 | 115.48 | 137.12 | 163.78 |
| 935 | 115.45 | 137.10 | 163.77 |
| 936 | 115.41 | 137.07 | 163.75 |
| 937 | 115.38 | 137.05 | 163.74 |
| 938 | 115.34 | 137.02 | 163.72 |
| 939 | 115.31 | 137.00 | 163.71 |
| 940 | 115.28 | 136.97 | 163.69 |
| 941 | 115.24 | 136.95 | 163.68 |
| 942 | 115.21 | 136.92 | 163.66 |
| 943 | 115.17 | 136.90 | 163.65 |
| 944 | 115.14 | 136.87 | 163.63 |
| 945 | 115.11 | 136.85 | 163.62 |
| 946 | 115.07 | 136.82 | 163.61 |
| 947 | 115.04 | 136.80 | 163.59 |
| 948 | 115.00 | 136.77 | 163.58 |
| 949 | 114.97 | 136.75 | 163.56 |
| 950 | 114.97 | 136.72 | 163.55 |
| 951 | 114.98 | 136.70 | 163.53 |
| 952 | 115.00 | 136.67 | 163.52 |
| 953 | 115.00 | 136.65 | 163.50 |
| 954 | 115.00 | 136.62 | 163.49 |
| 955 | 115.00 | 136.59 | 163.47 |
| 956 | 115.00 | 136.57 | 163.46 |
| 957 | 115.00 | 136.54 | 163.45 |
| 958 | 115.00 | 136.52 | 163.43 |
| 959 | 115.00 | 136.49 | 163.42 |
| 960 | 115.00 | 136.47 | 163.40 |
| 961 | 115.00 | 136.44 | 163.39 |
| 962 | 115.00 | 136.42 | 163.37 |
| 963 | 115.00 | 136.39 | 163.36 |
| 964 | 115.00 | 136.37 | 163.34 |
| 965 | 115.00 | 136.34 | 163.33 |
| 966 | 115.00 | 136.32 | 163.31 |
| 967 | 115.00 | 136.29 | 163.30 |
| 968 | 115.00 | 136.27 | 163.29 |
| 969 | 115.00 | 136.24 | 163.27 |
| 970 | 115.00 | 136.22 | 163.26 |
| 971 | 115.00 | 136.19 | 163.24 |
| 972 | 115.00 | 136.17 | 163.23 |
| 973 | 115.00 | 136.14 | 163.21 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 974 | 115.00 | 136.12 | 163.20 |
| 975 | 115.00 | 136.09 | 163.18 |
| 976 | 115.00 | 136.07 | 163.17 |
| 977 | 115.00 | 136.04 | 163.16 |
| 978 | 115.00 | 136.01 | 163.14 |
| 979 | 115.00 | 135.99 | 163.13 |
| 980 | 115.00 | 135.96 | 163.11 |
| 981 | 115.00 | 135.94 | 163.10 |
| 982 | 115.00 | 135.91 | 163.08 |
| 983 | 115.00 | 135.89 | 163.07 |
| 984 | 115.00 | 135.86 | 163.05 |
| 985 | 115.00 | 135.84 | 163.04 |
| 986 | 115.00 | 135.81 | 163.02 |
| 987 | 115.00 | 135.79 | 163.01 |
| 988 | 115.00 | 135.76 | 163.00 |
| 989 | 115.00 | 135.74 | 162.98 |
| 990 | 115.00 | 135.71 | 162.97 |
| 991 | 115.00 | 135.69 | 162.95 |
| 992 | 115.00 | 135.66 | 162.94 |
| 993 | 115.00 | 135.64 | 162.92 |
| 994 | 115.00 | 135.61 | 162.91 |
| 995 | 115.00 | 135.59 | 162.89 |
| 996 | 115.00 | 135.56 | 162.88 |
| 997 | 115.00 | 135.54 | 162.86 |
| 998 | 115.00 | 135.51 | 162.85 |
| 999 | 115.00 | 135.49 | 162.84 |
| 1000 | 115.00 | 135.46 | 162.82 |
| 1001 | 115.00 | 135.44 | 162.81 |
| 1002 | 115.00 | 135.41 | 162.79 |
| 1003 | 115.00 | 135.39 | 162.78 |
| 1004 | 115.00 | 135.36 | 162.76 |
| 1005 | 115.00 | 135.34 | 162.75 |
| 1006 | 115.00 | 135.31 | 162.73 |
| 1007 | 115.00 | 135.29 | 162.72 |
| 1008 | 115.00 | 135.27 | 162.70 |
| 1009 | 115.00 | 135.24 | 162.69 |
| 1010 | 115.00 | 135.22 | 162.68 |
| 1011 | 115.00 | 135.19 | 162.66 |
| 1012 | 115.00 | 135.17 | 162.65 |
| 1013 | 115.00 | 135.15 | 162.63 |
| 1014 | 115.00 | 135.12 | 162.62 |
| 1015 | 115.00 | 135.10 | 162.60 |
| 1016 | 115.00 | 135.07 | 162.59 |
| 1017 | 115.00 | 135.05 | 162.57 |
| 1018 | 115.00 | 135.02 | 162.56 |
| 1019 | 115.00 | 135.00 | 162.54 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 1020 | 115.00 | 134.98 | 162.53 |
| 1021 | 115.00 | 134.95 | 162.52 |
| 1022 | 115.00 | 134.93 | 162.50 |
| 1023 | 115.00 | 134.90 | 162.49 |
| 1024 | 115.00 | 134.88 | 162.47 |
| 1025 | 115.00 | 134.86 | 162.46 |
| 1026 | 115.00 | 134.83 | 162.44 |
| 1027 | 115.00 | 134.81 | 162.43 |
| 1028 | 115.00 | 134.78 | 162.41 |
| 1029 | 115.00 | 134.76 | 162.40 |
| 1030 | 115.00 | 134.73 | 162.39 |
| 1031 | 115.00 | 134.71 | 162.37 |
| 1032 | 115.00 | 134.69 | 162.36 |
| 1033 | 115.00 | 134.66 | 162.34 |
| 1034 | 115.00 | 134.64 | 162.33 |
| 1035 | 115.00 | 134.61 | 162.31 |
| 1036 | 115.00 | 134.59 | 162.30 |
| 1037 | 115.00 | 134.56 | 162.28 |
| 1038 | 115.00 | 134.54 | 162.27 |
| 1039 | 115.00 | 134.52 | 162.25 |
| 1040 | 115.00 | 134.49 | 162.24 |
| 1041 | 115.00 | 134.47 | 162.23 |
| 1042 | 115.00 | 134.44 | 162.21 |
| 1043 | 115.00 | 134.42 | 162.20 |
| 1044 | 115.00 | 134.40 | 162.18 |
| 1045 | 115.00 | 134.37 | 162.17 |
| 1046 | 115.00 | 134.35 | 162.15 |
| 1047 | 115.00 | 134.32 | 162.14 |
| 1048 | 115.00 | 134.30 | 162.12 |
| 1049 | 115.00 | 134.27 | 162.11 |
| 1050 | 115.00 | 134.25 | 162.09 |
| 1051 | 115.00 | 134.23 | 162.08 |
| 1052 | 115.00 | 134.20 | 162.07 |
| 1053 | 115.00 | 134.18 | 162.05 |
| 1054 | 115.00 | 134.15 | 162.04 |
| 1055 | 115.00 | 134.13 | 162.02 |
| 1056 | 115.00 | 134.10 | 162.01 |
| 1057 | 115.00 | 134.08 | 161.99 |
| 1058 | 115.00 | 134.06 | 161.98 |
| 1059 | 115.00 | 134.03 | 161.96 |
| 1060 | 115.00 | 134.01 | 161.95 |
| 1061 | 115.00 | 133.98 | 161.93 |
| 1062 | 115.00 | 133.96 | 161.92 |
| 1063 | 115.00 | 133.94 | 161.91 |
| 1064 | 115.00 | 133.91 | 161.89 |
| 1065 | 115.00 | 133.89 | 161.88 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 1066 | 115.00 | 133.86 | 161.86 |
| 1067 | 115.00 | 133.84 | 161.85 |
| 1068 | 115.00 | 133.81 | 161.83 |
| 1069 | 115.00 | 133.79 | 161.82 |
| 1070 | 115.00 | 133.77 | 161.80 |
| 1071 | 115.00 | 133.74 | 161.79 |
| 1072 | 115.00 | 133.72 | 161.78 |
| 1073 | 115.00 | 133.69 | 161.76 |
| 1074 | 115.00 | 133.67 | 161.75 |
| 1075 | 115.00 | 133.64 | 161.73 |
| 1076 | 115.00 | 133.62 | 161.72 |
| 1077 | 115.00 | 133.60 | 161.70 |
| 1078 | 115.00 | 133.57 | 161.69 |
| 1079 | 115.00 | 133.55 | 161.67 |
| 1080 | 115.00 | 133.52 | 161.66 |
| 1081 | 115.00 | 133.50 | 161.64 |
| 1082 | 115.00 | 133.48 | 161.63 |
| 1083 | 115.00 | 133.45 | 161.62 |
| 1084 | 115.00 | 133.43 | 161.60 |
| 1085 | 115.00 | 133.40 | 161.59 |
| 1086 | 115.00 | 133.38 | 161.57 |
| 1087 | 115.00 | 133.35 | 161.56 |
| 1088 | 115.00 | 133.33 | 161.54 |
| 1089 | 115.00 | 133.31 | 161.53 |
| 1090 | 115.00 | 133.28 | 161.51 |
| 1091 | 115.00 | 133.26 | 161.50 |
| 1092 | 115.00 | 133.23 | 161.48 |
| 1093 | 115.00 | 133.21 | 161.47 |
| 1094 | 115.00 | 133.19 | 161.46 |
| 1095 | 115.00 | 133.16 | 161.44 |
| 1096 | 115.00 | 133.14 | 161.43 |
| 1097 | 115.00 | 133.11 | 161.41 |
| 1098 | 115.00 | 133.09 | 161.40 |
| 1099 | 115.00 | 133.06 | 161.38 |
| 1100 | 115.00 | 133.04 | 161.37 |
| 1101 | 115.00 | 133.02 | 161.35 |
| 1102 | 115.00 | 132.99 | 161.34 |
| 1103 | 115.00 | 132.97 | 161.32 |
| 1104 | 115.00 | 132.94 | 161.31 |
| 1105 | 115.00 | 132.92 | 161.30 |
| 1106 | 115.00 | 132.89 | 161.28 |
| 1107 | 115.00 | 132.87 | 161.27 |
| 1108 | 115.00 | 132.85 | 161.25 |
| 1109 | 115.00 | 132.82 | 161.24 |
| 1110 | 115.00 | 132.80 | 161.22 |
| 1111 | 115.00 | 132.77 | 161.21 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 1112 | 115.00 | 132.75 | 161.19 |
| 1113 | 115.00 | 132.73 | 161.18 |
| 1114 | 115.00 | 132.70 | 161.16 |
| 1115 | 115.00 | 132.68 | 161.15 |
| 1116 | 115.00 | 132.65 | 161.14 |
| 1117 | 115.00 | 132.63 | 161.12 |
| 1118 | 115.00 | 132.60 | 161.11 |
| 1119 | 115.00 | 132.58 | 161.09 |
| 1120 | 115.00 | 132.56 | 161.08 |
| 1121 | 115.00 | 132.53 | 161.06 |
| 1122 | 115.00 | 132.51 | 161.05 |
| 1123 | 115.00 | 132.48 | 161.03 |
| 1124 | 115.00 | 132.46 | 161.02 |
| 1125 | 115.00 | 132.43 | 161.01 |
| 1126 | 115.00 | 132.41 | 160.99 |
| 1127 | 115.00 | 132.39 | 160.98 |
| 1128 | 115.00 | 132.36 | 160.96 |
| 1129 | 115.00 | 132.34 | 160.95 |
| 1130 | 115.00 | 132.31 | 160.93 |
| 1131 | 115.00 | 132.29 | 160.92 |
| 1132 | 115.00 | 132.27 | 160.90 |
| 1133 | 115.00 | 132.24 | 160.89 |
| 1134 | 115.00 | 132.22 | 160.87 |
| 1135 | 115.00 | 132.19 | 160.86 |
| 1136 | 115.00 | 132.17 | 160.85 |
| 1137 | 115.00 | 132.14 | 160.83 |
| 1138 | 115.00 | 132.12 | 160.82 |
| 1139 | 115.00 | 132.10 | 160.80 |
| 1140 | 115.00 | 132.07 | 160.79 |
| 1141 | 115.00 | 132.05 | 160.77 |
| 1142 | 115.00 | 132.02 | 160.76 |
| 1143 | 115.00 | 132.00 | 160.74 |
| 1144 | 115.00 | 131.98 | 160.73 |
| 1145 | 115.00 | 131.95 | 160.71 |
| 1146 | 115.00 | 131.93 | 160.70 |
| 1147 | 115.00 | 131.90 | 160.69 |
| 1148 | 115.00 | 131.88 | 160.67 |
| 1149 | 115.00 | 131.85 | 160.66 |
| 1150 | 115.00 | 131.83 | 160.64 |
| 1151 | 115.00 | 131.81 | 160.63 |
| 1152 | 115.00 | 131.78 | 160.61 |
| 1153 | 115.00 | 131.76 | 160.60 |
| 1154 | 115.00 | 131.73 | 160.58 |
| 1155 | 115.00 | 131.71 | 160.57 |
| 1156 | 115.00 | 131.68 | 160.55 |
| 1157 | 115.00 | 131.66 | 160.54 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 1158 | 115.00 | 131.64 | 160.53 |
| 1159 | 115.00 | 131.61 | 160.51 |
| 1160 | 115.00 | 131.59 | 160.50 |
| 1161 | 115.00 | 131.56 | 160.48 |
| 1162 | 115.00 | 131.54 | 160.47 |
| 1163 | 115.00 | 131.52 | 160.45 |
| 1164 | 115.00 | 131.49 | 160.44 |
| 1165 | 115.00 | 131.47 | 160.42 |
| 1166 | 115.00 | 131.44 | 160.41 |
| 1167 | 115.00 | 131.42 | 160.39 |
| 1168 | 115.00 | 131.39 | 160.38 |
| 1169 | 115.00 | 131.37 | 160.37 |
| 1170 | 115.00 | 131.35 | 160.35 |
| 1171 | 115.00 | 131.32 | 160.34 |
| 1172 | 115.00 | 131.30 | 160.32 |
| 1173 | 115.00 | 131.27 | 160.31 |
| 1174 | 115.00 | 131.25 | 160.29 |
| 1175 | 115.00 | 131.22 | 160.28 |
| 1176 | 115.00 | 131.20 | 160.26 |
| 1177 | 115.00 | 131.18 | 160.25 |
| 1178 | 115.00 | 131.15 | 160.24 |
| 1179 | 115.00 | 131.13 | 160.22 |
| 1180 | 115.00 | 131.10 | 160.21 |
| 1181 | 115.00 | 131.08 | 160.19 |
| 1182 | 115.00 | 131.06 | 160.18 |
| 1183 | 115.00 | 131.03 | 160.16 |
| 1184 | 115.00 | 131.01 | 160.15 |
| 1185 | 115.00 | 130.98 | 160.13 |
| 1186 | 115.00 | 130.96 | 160.12 |
| 1187 | 115.00 | 130.93 | 160.10 |
| 1188 | 115.00 | 130.91 | 160.09 |
| 1189 | 115.00 | 130.89 | 160.08 |
| 1190 | 115.00 | 130.86 | 160.06 |
| 1191 | 115.00 | 130.84 | 160.05 |
| 1192 | 115.00 | 130.81 | 160.03 |
| 1193 | 115.00 | 130.79 | 160.02 |
| 1194 | 115.00 | 130.77 | 160.00 |
| 1195 | 115.00 | 130.74 | 159.99 |
| 1196 | 115.00 | 130.72 | 159.97 |
| 1197 | 115.00 | 130.69 | 159.96 |
| 1198 | 115.00 | 130.67 | 159.94 |
| 1199 | 115.00 | 130.64 | 159.93 |
| 1200 | 115.00 | 130.62 | 159.92 |
| 1201 | 115.00 | 130.60 | 159.90 |
| 1202 | 115.00 | 130.57 | 159.89 |
| 1203 | 115.00 | 130.55 | 159.87 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 1204 | 115.00 | 130.52 | 159.86 |
| 1205 | 115.00 | 130.50 | 159.84 |
| 1206 | 115.00 | 130.47 | 159.83 |
| 1207 | 115.00 | 130.45 | 159.81 |
| 1208 | 115.00 | 130.43 | 159.80 |
| 1209 | 115.00 | 130.40 | 159.78 |
| 1210 | 115.00 | 130.38 | 159.77 |
| 1211 | 115.00 | 130.35 | 159.76 |
| 1212 | 115.00 | 130.33 | 159.74 |
| 1213 | 115.00 | 130.31 | 159.73 |
| 1214 | 115.00 | 130.28 | 159.71 |
| 1215 | 115.00 | 130.26 | 159.70 |
| 1216 | 115.00 | 130.23 | 159.68 |
| 1217 | 115.00 | 130.21 | 159.67 |
| 1218 | 115.00 | 130.18 | 159.65 |
| 1219 | 115.00 | 130.16 | 159.64 |
| 1220 | 115.00 | 130.14 | 159.63 |
| 1221 | 115.00 | 130.11 | 159.61 |
| 1222 | 115.00 | 130.09 | 159.60 |
| 1223 | 115.00 | 130.06 | 159.58 |
| 1224 | 115.00 | 130.04 | 159.57 |
| 1225 | 115.00 | 130.01 | 159.55 |
| 1226 | 115.00 | 129.99 | 159.54 |
| 1227 | 115.00 | 129.97 | 159.52 |
| 1228 | 115.00 | 129.94 | 159.51 |
| 1229 | 115.00 | 129.92 | 159.49 |
| 1230 | 115.00 | 129.89 | 159.48 |
| 1231 | 115.00 | 129.87 | 159.47 |
| 1232 | 115.00 | 129.85 | 159.45 |
| 1233 | 115.00 | 129.82 | 159.44 |
| 1234 | 115.00 | 129.80 | 159.42 |
| 1235 | 115.00 | 129.77 | 159.41 |
| 1236 | 115.00 | 129.75 | 159.39 |
| 1237 | 115.00 | 129.72 | 159.38 |
| 1238 | 115.00 | 129.70 | 159.36 |
| 1239 | 115.00 | 129.68 | 159.35 |
| 1240 | 115.00 | 129.65 | 159.33 |
| 1241 | 115.00 | 129.63 | 159.32 |
| 1242 | 115.00 | 129.60 | 159.31 |
| 1243 | 115.00 | 129.58 | 159.29 |
| 1244 | 115.00 | 129.56 | 159.28 |
| 1245 | 115.00 | 129.53 | 159.26 |
| 1246 | 115.00 | 129.51 | 159.25 |
| 1247 | 115.00 | 129.48 | 159.23 |
| 1248 | 115.00 | 129.46 | 159.22 |
| 1249 | 115.00 | 129.43 | 159.20 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 1250 | 115.00 | 129.41 | 159.19 |
| 1251 | 115.00 | 129.39 | 159.17 |
| 1252 | 115.00 | 129.36 | 159.16 |
| 1253 | 115.00 | 129.34 | 159.15 |
| 1254 | 115.00 | 129.31 | 159.13 |
| 1255 | 115.00 | 129.29 | 159.12 |
| 1256 | 115.00 | 129.26 | 159.10 |
| 1257 | 115.00 | 129.24 | 159.09 |
| 1258 | 115.00 | 129.22 | 159.07 |
| 1259 | 115.00 | 129.19 | 159.06 |
| 1260 | 115.00 | 129.17 | 159.04 |
| 1261 | 115.00 | 129.14 | 159.03 |
| 1262 | 115.00 | 129.12 | 159.01 |
| 1263 | 115.00 | 129.10 | 159.00 |
| 1264 | 115.00 | 129.07 | 158.99 |
| 1265 | 115.00 | 129.05 | 158.97 |
| 1266 | 115.00 | 129.02 | 158.96 |
| 1267 | 115.00 | 129.00 | 158.94 |
| 1268 | 115.00 | 128.97 | 158.93 |
| 1269 | 115.00 | 128.95 | 158.91 |
| 1270 | 115.00 | 128.93 | 158.90 |
| 1271 | 115.00 | 128.90 | 158.88 |
| 1272 | 115.00 | 128.88 | 158.87 |
| 1273 | 115.00 | 128.85 | 158.86 |
| 1274 | 115.00 | 128.83 | 158.84 |
| 1275 | 115.00 | 128.80 | 158.83 |
| 1276 | 115.00 | 128.78 | 158.81 |
| 1277 | 115.00 | 128.76 | 158.80 |
| 1278 | 115.00 | 128.73 | 158.78 |
| 1279 | 115.00 | 128.71 | 158.77 |
| 1280 | 115.00 | 128.68 | 158.75 |
| 1281 | 115.00 | 128.66 | 158.74 |
| 1282 | 115.00 | 128.64 | 158.72 |
| 1283 | 115.00 | 128.61 | 158.71 |
| 1284 | 115.00 | 128.59 | 158.70 |
| 1285 | 115.00 | 128.56 | 158.68 |
| 1286 | 115.00 | 128.54 | 158.67 |
| 1287 | 115.00 | 128.51 | 158.65 |
| 1288 | 115.00 | 128.49 | 158.64 |
| 1289 | 115.00 | 128.47 | 158.62 |
| 1290 | 115.00 | 128.44 | 158.61 |
| 1291 | 115.00 | 128.42 | 158.59 |
| 1292 | 115.00 | 128.39 | 158.58 |
| 1293 | 115.00 | 128.37 | 158.56 |
| 1294 | 115.00 | 128.35 | 158.55 |
| 1295 | 115.00 | 128.32 | 158.54 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 1296 | 115.00 | 128.30 | 158.52 |
| 1297 | 115.00 | 128.27 | 158.51 |
| 1298 | 115.00 | 128.25 | 158.49 |
| 1299 | 115.00 | 128.22 | 158.48 |
| 1300 | 115.00 | 128.20 | 158.46 |
| 1301 | 115.00 | 128.18 | 158.45 |
| 1302 | 115.00 | 128.15 | 158.43 |
| 1303 | 115.00 | 128.13 | 158.42 |
| 1304 | 115.00 | 128.10 | 158.40 |
| 1305 | 115.00 | 128.08 | 158.39 |
| 1306 | 115.00 | 128.05 | 158.38 |
| 1307 | 115.00 | 128.03 | 158.36 |
| 1308 | 115.00 | 128.01 | 158.35 |
| 1309 | 115.00 | 128.00 | 158.33 |
| 1310 | 115.00 | 128.00 | 158.32 |
| 1311 | 115.00 | 128.00 | 158.30 |
| 1312 | 115.00 | 128.00 | 158.29 |
| 1313 | 115.00 | 128.00 | 158.27 |
| 1314 | 115.00 | 128.00 | 158.26 |
| 1315 | 115.00 | 128.00 | 158.24 |
| 1316 | 115.00 | 128.00 | 158.23 |
| 1317 | 115.00 | 128.00 | 158.22 |
| 1318 | 115.00 | 128.00 | 158.20 |
| 1319 | 115.00 | 128.00 | 158.19 |
| 1320 | 115.00 | 128.00 | 158.17 |
| 1321 | 115.00 | 128.00 | 158.16 |
| 1322 | 115.00 | 128.00 | 158.14 |
| 1323 | 115.00 | 128.00 | 158.13 |
| 1324 | 115.00 | 128.00 | 158.11 |
| 1325 | 115.00 | 128.00 | 158.10 |
| 1326 | 115.00 | 128.00 | 158.09 |
| 1327 | 115.00 | 128.00 | 158.07 |
| 1328 | 115.00 | 128.00 | 158.06 |
| 1329 | 115.00 | 128.00 | 158.04 |
| 1330 | 115.00 | 128.00 | 158.03 |
| 1331 | 115.00 | 128.00 | 158.01 |
| 1332 | 115.00 | 128.00 | 158.00 |
| 1333 | 115.00 | 128.00 | 157.98 |
| 1334 | 115.00 | 128.00 | 157.97 |
| 1335 | 115.00 | 128.00 | 157.95 |
| 1336 | 115.00 | 128.00 | 157.94 |
| 1337 | 115.00 | 128.00 | 157.93 |
| 1338 | 115.00 | 128.00 | 157.91 |
| 1339 | 115.00 | 128.00 | 157.90 |
| 1340 | 115.00 | 128.00 | 157.88 |
| 1341 | 115.00 | 128.00 | 157.87 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 1342 | 115.00 | 128.00 | 157.85 |
| 1343 | 115.00 | 128.00 | 157.84 |
| 1344 | 115.00 | 128.00 | 157.82 |
| 1345 | 115.00 | 128.00 | 157.81 |
| 1346 | 115.00 | 128.00 | 157.79 |
| 1347 | 115.00 | 128.00 | 157.78 |
| 1348 | 115.00 | 128.00 | 157.77 |
| 1349 | 115.00 | 128.00 | 157.75 |
| 1350 | 115.00 | 128.00 | 157.74 |
| 1351 | 115.00 | 128.00 | 157.72 |
| 1352 | 115.00 | 128.00 | 157.71 |
| 1353 | 115.00 | 128.00 | 157.69 |
| 1354 | 115.00 | 128.00 | 157.68 |
| 1355 | 115.00 | 128.00 | 157.66 |
| 1356 | 115.00 | 128.00 | 157.65 |
| 1357 | 115.00 | 128.00 | 157.63 |
| 1358 | 115.00 | 128.00 | 157.62 |
| 1359 | 115.00 | 128.00 | 157.61 |
| 1360 | 115.00 | 128.00 | 157.59 |
| 1361 | 115.00 | 128.00 | 157.58 |
| 1362 | 115.00 | 128.00 | 157.56 |
| 1363 | 115.00 | 128.00 | 157.55 |
| 1364 | 115.00 | 128.00 | 157.53 |
| 1365 | 115.00 | 128.00 | 157.52 |
| 1366 | 115.00 | 128.00 | 157.50 |
| 1367 | 115.00 | 128.00 | 157.49 |
| 1368 | 115.00 | 128.00 | 157.48 |
| 1369 | 115.00 | 128.00 | 157.46 |
| 1370 | 115.00 | 128.00 | 157.45 |
| 1371 | 115.00 | 128.00 | 157.43 |
| 1372 | 115.00 | 128.00 | 157.42 |
| 1373 | 115.00 | 128.00 | 157.40 |
| 1374 | 115.00 | 128.00 | 157.39 |
| 1375 | 115.00 | 128.00 | 157.37 |
| 1376 | 115.00 | 128.00 | 157.36 |
| 1377 | 115.00 | 128.00 | 157.34 |
| 1378 | 115.00 | 128.00 | 157.33 |
| 1379 | 115.00 | 128.00 | 157.32 |
| 1380 | 115.00 | 128.00 | 157.30 |
| 1381 | 115.00 | 128.00 | 157.29 |
| 1382 | 115.00 | 128.00 | 157.27 |
| 1383 | 115.00 | 128.00 | 157.26 |
| 1384 | 115.00 | 128.00 | 157.24 |
| 1385 | 115.00 | 128.00 | 157.23 |
| 1386 | 115.00 | 128.00 | 157.21 |
| 1387 | 115.00 | 128.00 | 157.20 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 1388 | 115.00 | 128.00 | 157.18 |
| 1389 | 115.00 | 128.00 | 157.17 |
| 1390 | 115.00 | 128.00 | 157.16 |
| 1391 | 115.00 | 128.00 | 157.14 |
| 1392 | 115.00 | 128.00 | 157.13 |
| 1393 | 115.00 | 128.00 | 157.11 |
| 1394 | 115.00 | 128.00 | 157.10 |
| 1395 | 115.00 | 128.00 | 157.08 |
| 1396 | 115.00 | 128.00 | 157.07 |
| 1397 | 115.00 | 128.00 | 157.05 |
| 1398 | 115.00 | 128.00 | 157.04 |
| 1399 | 115.00 | 128.00 | 157.02 |
| 1400 | 115.00 | 128.00 | 157.01 |
| 1401 | 115.00 | 128.00 | 157.00 |
| 1402 | 115.00 | 128.00 | 156.98 |
| 1403 | 115.00 | 128.00 | 156.97 |
| 1404 | 115.00 | 128.00 | 156.95 |
| 1405 | 115.00 | 128.00 | 156.94 |
| 1406 | 115.00 | 128.00 | 156.92 |
| 1407 | 115.00 | 128.00 | 156.91 |
| 1408 | 115.00 | 128.00 | 156.89 |
| 1409 | 115.00 | 128.00 | 156.88 |
| 1410 | 115.00 | 128.00 | 156.86 |
| 1411 | 115.00 | 128.00 | 156.85 |
| 1412 | 115.00 | 128.00 | 156.84 |
| 1413 | 115.00 | 128.00 | 156.82 |
| 1414 | 115.00 | 128.00 | 156.81 |
| 1415 | 115.00 | 128.00 | 156.79 |
| 1416 | 115.00 | 128.00 | 156.78 |
| 1417 | 115.00 | 128.00 | 156.76 |
| 1418 | 115.00 | 128.00 | 156.75 |
| 1419 | 115.00 | 128.00 | 156.73 |
| 1420 | 115.00 | 128.00 | 156.72 |
| 1421 | 115.00 | 128.00 | 156.71 |
| 1422 | 115.00 | 128.00 | 156.69 |
| 1423 | 115.00 | 128.00 | 156.68 |
| 1424 | 115.00 | 128.00 | 156.66 |
| 1425 | 115.00 | 128.00 | 156.65 |
| 1426 | 115.00 | 128.00 | 156.63 |
| 1427 | 115.00 | 128.00 | 156.62 |
| 1428 | 115.00 | 128.00 | 156.60 |
| 1429 | 115.00 | 128.00 | 156.59 |
| 1430 | 115.00 | 128.00 | 156.57 |
| 1431 | 115.00 | 128.00 | 156.56 |
| 1432 | 115.00 | 128.00 | 156.55 |
| 1433 | 115.00 | 128.00 | 156.53 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 1434 | 115.00 | 128.00 | 156.52 |
| 1435 | 115.00 | 128.00 | 156.50 |
| 1436 | 115.00 | 128.00 | 156.49 |
| 1437 | 115.00 | 128.00 | 156.47 |
| 1438 | 115.00 | 128.00 | 156.46 |
| 1439 | 115.00 | 128.00 | 156.44 |
| 1440 | 115.00 | 128.00 | 156.43 |
| 1441 | 115.00 | 128.00 | 156.41 |
| 1442 | 115.00 | 128.00 | 156.40 |
| 1443 | 115.00 | 128.00 | 156.39 |
| 1444 | 115.00 | 128.00 | 156.37 |
| 1445 | 115.00 | 128.00 | 156.36 |
| 1446 | 115.00 | 128.00 | 156.34 |
| 1447 | 115.00 | 128.00 | 156.33 |
| 1448 | 115.00 | 128.00 | 156.31 |
| 1449 | 115.00 | 128.00 | 156.30 |
| 1450 | 115.00 | 128.00 | 156.28 |
| 1451 | 115.00 | 128.00 | 156.27 |
| 1452 | 115.00 | 128.00 | 156.25 |
| 1453 | 115.00 | 128.00 | 156.24 |
| 1454 | 115.00 | 128.00 | 156.23 |
| 1455 | 115.00 | 128.00 | 156.21 |
| 1456 | 115.00 | 128.00 | 156.20 |
| 1457 | 115.00 | 128.00 | 156.18 |
| 1458 | 115.00 | 128.00 | 156.17 |
| 1459 | 115.00 | 128.00 | 156.15 |
| 1460 | 115.00 | 128.00 | 156.14 |
| 1461 | 115.00 | 128.00 | 156.12 |
| 1462 | 115.00 | 128.00 | 156.11 |
| 1463 | 115.00 | 128.00 | 156.09 |
| 1464 | 115.00 | 128.00 | 156.08 |
| 1465 | 115.00 | 128.00 | 156.07 |
| 1466 | 115.00 | 128.00 | 156.05 |
| 1467 | 115.00 | 128.00 | 156.04 |
| 1468 | 115.00 | 128.00 | 156.02 |
| 1469 | 115.00 | 128.00 | 156.01 |
| 1470 | 115.00 | 128.00 | 155.99 |
| 1471 | 115.00 | 128.00 | 155.98 |
| 1472 | 115.00 | 128.00 | 155.96 |
| 1473 | 115.00 | 128.00 | 155.95 |
| 1474 | 115.00 | 128.00 | 155.94 |
| 1475 | 115.00 | 128.00 | 155.92 |
| 1476 | 115.00 | 128.00 | 155.91 |
| 1477 | 115.00 | 128.00 | 155.89 |
| 1478 | 115.00 | 128.00 | 155.88 |
| 1479 | 115.00 | 128.00 | 155.86 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 1480 | 115.00 | 128.00 | 155.85 |
| 1481 | 115.00 | 128.00 | 155.83 |
| 1482 | 115.00 | 128.00 | 155.82 |
| 1483 | 115.00 | 128.00 | 155.80 |
| 1484 | 115.00 | 128.00 | 155.79 |
| 1485 | 115.00 | 128.00 | 155.78 |
| 1486 | 115.00 | 128.00 | 155.76 |
| 1487 | 115.00 | 128.00 | 155.75 |
| 1488 | 115.00 | 128.00 | 155.73 |
| 1489 | 115.00 | 128.00 | 155.72 |
| 1490 | 115.00 | 128.00 | 155.70 |
| 1491 | 115.00 | 128.00 | 155.69 |
| 1492 | 115.00 | 128.00 | 155.67 |
| 1493 | 115.00 | 128.00 | 155.66 |
| 1494 | 115.00 | 128.00 | 155.64 |
| 1495 | 115.00 | 128.00 | 155.63 |
| 1496 | 115.00 | 128.00 | 155.62 |
| 1497 | 115.00 | 128.00 | 155.60 |
| 1498 | 115.00 | 128.00 | 155.59 |
| 1499 | 115.00 | 128.00 | 155.57 |
| 1500 | 115.00 | 128.00 | 155.56 |
| 1501 | 115.00 | 128.00 | 155.54 |
| 1502 | 115.00 | 128.00 | 155.53 |
| 1503 | 115.00 | 128.00 | 155.51 |
| 1504 | 115.00 | 128.00 | 155.50 |
| 1505 | 115.00 | 128.00 | 155.48 |
| 1506 | 115.00 | 128.00 | 155.47 |
| 1507 | 115.00 | 128.00 | 155.46 |
| 1508 | 115.00 | 128.00 | 155.44 |
| 1509 | 115.00 | 128.00 | 155.43 |
| 1510 | 115.00 | 128.00 | 155.41 |
| 1511 | 115.00 | 128.00 | 155.40 |
| 1512 | 115.00 | 128.00 | 155.38 |
| 1513 | 115.00 | 128.00 | 155.37 |
| 1514 | 115.00 | 128.00 | 155.35 |
| 1515 | 115.00 | 128.00 | 155.34 |
| 1516 | 115.00 | 128.00 | 155.33 |
| 1517 | 115.00 | 128.00 | 155.31 |
| 1518 | 115.00 | 128.00 | 155.30 |
| 1519 | 115.00 | 128.00 | 155.28 |
| 1520 | 115.00 | 128.00 | 155.27 |
| 1521 | 115.00 | 128.00 | 155.25 |
| 1522 | 115.00 | 128.00 | 155.24 |
| 1523 | 115.00 | 128.00 | 155.22 |
| 1524 | 115.00 | 128.00 | 155.21 |
| 1525 | 115.00 | 128.00 | 155.19 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 1526 | 115.00 | 128.00 | 155.18 |
| 1527 | 115.00 | 128.00 | 155.17 |
| 1528 | 115.00 | 128.00 | 155.15 |
| 1529 | 115.00 | 128.00 | 155.14 |
| 1530 | 115.00 | 128.00 | 155.12 |
| 1531 | 115.00 | 128.00 | 155.11 |
| 1532 | 115.00 | 128.00 | 155.09 |
| 1533 | 115.00 | 128.00 | 155.08 |
| 1534 | 115.00 | 128.00 | 155.06 |
| 1535 | 115.00 | 128.00 | 155.05 |
| 1536 | 115.00 | 128.00 | 155.03 |
| 1537 | 115.00 | 128.00 | 155.02 |
| 1538 | 115.00 | 128.00 | 155.01 |
| 1539 | 115.00 | 128.00 | 154.99 |
| 1540 | 115.00 | 128.00 | 154.98 |
| 1541 | 115.00 | 128.00 | 154.96 |
| 1542 | 115.00 | 128.00 | 154.95 |
| 1543 | 115.00 | 128.00 | 154.93 |
| 1544 | 115.00 | 128.00 | 154.92 |
| 1545 | 115.00 | 128.00 | 154.90 |
| 1546 | 115.00 | 128.00 | 154.89 |
| 1547 | 115.00 | 128.00 | 154.87 |
| 1548 | 115.00 | 128.00 | 154.86 |
| 1549 | 115.00 | 128.00 | 154.85 |
| 1550 | 115.00 | 128.00 | 154.83 |
| 1551 | 115.00 | 128.00 | 154.82 |
| 1552 | 115.00 | 128.00 | 154.80 |
| 1553 | 115.00 | 128.00 | 154.79 |
| 1554 | 115.00 | 128.00 | 154.77 |
| 1555 | 115.00 | 128.00 | 154.76 |
| 1556 | 115.00 | 128.00 | 154.74 |
| 1557 | 115.00 | 128.00 | 154.73 |
| 1558 | 115.00 | 128.00 | 154.71 |
| 1559 | 115.00 | 128.00 | 154.70 |
| 1560 | 115.00 | 128.00 | 154.69 |
| 1561 | 115.00 | 128.00 | 154.67 |
| 1562 | 115.00 | 128.00 | 154.66 |
| 1563 | 115.00 | 128.00 | 154.64 |
| 1564 | 115.00 | 128.00 | 154.63 |
| 1565 | 115.00 | 128.00 | 154.61 |
| 1566 | 115.00 | 128.00 | 154.60 |
| 1567 | 115.00 | 128.00 | 154.58 |
| 1568 | 115.00 | 128.00 | 154.57 |
| 1569 | 115.00 | 128.00 | 154.56 |
| 1570 | 115.00 | 128.00 | 154.54 |
| 1571 | 115.00 | 128.00 | 154.53 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 1572 | 115.00 | 128.00 | 154.51 |
| 1573 | 115.00 | 128.00 | 154.50 |
| 1574 | 115.00 | 128.00 | 154.48 |
| 1575 | 115.00 | 128.00 | 154.47 |
| 1576 | 115.00 | 128.00 | 154.45 |
| 1577 | 115.00 | 128.00 | 154.44 |
| 1578 | 115.00 | 128.00 | 154.42 |
| 1579 | 115.00 | 128.00 | 154.41 |
| 1580 | 115.00 | 128.00 | 154.40 |
| 1581 | 115.00 | 128.00 | 154.38 |
| 1582 | 115.00 | 128.00 | 154.37 |
| 1583 | 115.00 | 128.00 | 154.35 |
| 1584 | 115.00 | 128.00 | 154.34 |
| 1585 | 115.00 | 128.00 | 154.32 |
| 1586 | 115.00 | 128.00 | 154.31 |
| 1587 | 115.00 | 128.00 | 154.29 |
| 1588 | 115.00 | 128.00 | 154.28 |
| 1589 | 115.00 | 128.00 | 154.26 |
| 1590 | 115.00 | 128.00 | 154.25 |
| 1591 | 115.00 | 128.00 | 154.23 |
| 1592 | 115.00 | 128.00 | 154.22 |
| 1593 | 115.00 | 128.00 | 154.20 |
| 1594 | 115.00 | 128.00 | 154.18 |
| 1595 | 115.00 | 128.00 | 154.16 |
| 1596 | 115.00 | 128.00 | 154.15 |
| 1597 | 115.00 | 128.00 | 154.13 |
| 1598 | 115.00 | 128.00 | 154.11 |
| 1599 | 115.00 | 128.00 | 154.10 |
| 1600 | 115.00 | 128.00 | 154.08 |
| 1601 | 115.00 | 128.00 | 154.06 |
| 1602 | 115.00 | 128.00 | 154.05 |
| 1603 | 115.00 | 128.00 | 154.03 |
| 1604 | 115.00 | 128.00 | 154.01 |
| 1605 | 115.00 | 128.00 | 153.99 |
| 1606 | 115.00 | 128.00 | 153.98 |
| 1607 | 115.00 | 128.00 | 153.96 |
| 1608 | 115.00 | 128.00 | 153.94 |
| 1609 | 115.00 | 128.00 | 153.93 |
| 1610 | 115.00 | 128.00 | 153.91 |
| 1611 | 115.00 | 128.00 | 153.89 |
| 1612 | 115.00 | 128.00 | 153.88 |
| 1613 | 115.00 | 128.00 | 153.86 |
| 1614 | 115.00 | 128.00 | 153.84 |
| 1615 | 115.00 | 128.00 | 153.82 |
| 1616 | 115.00 | 128.00 | 153.81 |
| 1617 | 115.00 | 128.00 | 153.79 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 1618 | 115.00 | 128.00 | 153.77 |
| 1619 | 115.00 | 128.00 | 153.76 |
| 1620 | 115.00 | 128.00 | 153.74 |
| 1621 | 115.00 | 128.00 | 153.72 |
| 1622 | 115.00 | 128.00 | 153.71 |
| 1623 | 115.00 | 128.00 | 153.69 |
| 1624 | 115.00 | 128.00 | 153.67 |
| 1625 | 115.00 | 128.00 | 153.65 |
| 1626 | 115.00 | 128.00 | 153.64 |
| 1627 | 115.00 | 128.00 | 153.62 |
| 1628 | 115.00 | 128.00 | 153.60 |
| 1629 | 115.00 | 128.00 | 153.59 |
| 1630 | 115.00 | 128.00 | 153.57 |
| 1631 | 115.00 | 128.00 | 153.55 |
| 1632 | 115.00 | 128.00 | 153.54 |
| 1633 | 115.00 | 128.00 | 153.52 |
| 1634 | 115.00 | 128.00 | 153.50 |
| 1635 | 115.00 | 128.00 | 153.48 |
| 1636 | 115.00 | 128.00 | 153.47 |
| 1637 | 115.00 | 128.00 | 153.45 |
| 1638 | 115.00 | 128.00 | 153.43 |
| 1639 | 115.00 | 128.00 | 153.42 |
| 1640 | 115.00 | 128.00 | 153.40 |
| 1641 | 115.00 | 128.00 | 153.38 |
| 1642 | 115.00 | 128.00 | 153.37 |
| 1643 | 115.00 | 128.00 | 153.35 |
| 1644 | 115.00 | 128.00 | 153.33 |
| 1645 | 115.00 | 128.00 | 153.31 |
| 1646 | 115.00 | 128.00 | 153.30 |
| 1647 | 115.00 | 128.00 | 153.28 |
| 1648 | 115.00 | 128.00 | 153.26 |
| 1649 | 115.00 | 128.00 | 153.25 |
| 1650 | 115.00 | 128.00 | 153.23 |
| 1651 | 115.00 | 128.00 | 153.21 |
| 1652 | 115.00 | 128.00 | 153.20 |
| 1653 | 115.00 | 128.00 | 153.18 |
| 1654 | 115.00 | 128.00 | 153.16 |
| 1655 | 115.00 | 128.00 | 153.14 |
| 1656 | 115.00 | 128.00 | 153.13 |
| 1657 | 115.00 | 128.00 | 153.11 |
| 1658 | 115.00 | 128.00 | 153.09 |
| 1659 | 115.00 | 128.00 | 153.08 |
| 1660 | 115.00 | 128.00 | 153.06 |
| 1661 | 115.00 | 128.00 | 153.04 |
| 1662 | 115.00 | 128.00 | 153.03 |
| 1663 | 115.00 | 128.00 | 153.01 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 1664 | 115.00 | 128.00 | 152.99 |
| 1665 | 115.00 | 128.00 | 152.97 |
| 1666 | 115.00 | 128.00 | 152.96 |
| 1667 | 115.00 | 128.00 | 152.94 |
| 1668 | 115.00 | 128.00 | 152.92 |
| 1669 | 115.00 | 128.00 | 152.91 |
| 1670 | 115.00 | 128.00 | 152.89 |
| 1671 | 115.00 | 128.00 | 152.87 |
| 1672 | 115.00 | 128.00 | 152.86 |
| 1673 | 115.00 | 128.00 | 152.84 |
| 1674 | 115.00 | 128.00 | 152.82 |
| 1675 | 115.00 | 128.00 | 152.80 |
| 1676 | 115.00 | 128.00 | 152.79 |
| 1677 | 115.00 | 128.00 | 152.77 |
| 1678 | 115.00 | 128.00 | 152.75 |
| 1679 | 115.00 | 128.00 | 152.74 |
| 1680 | 115.00 | 128.00 | 152.72 |
| 1681 | 115.00 | 128.00 | 152.70 |
| 1682 | 115.00 | 128.00 | 152.69 |
| 1683 | 115.00 | 128.00 | 152.67 |
| 1684 | 115.00 | 128.00 | 152.65 |
| 1685 | 115.00 | 128.00 | 152.63 |
| 1686 | 115.00 | 128.00 | 152.62 |
| 1687 | 115.00 | 128.00 | 152.60 |
| 1688 | 115.00 | 128.00 | 152.58 |
| 1689 | 115.00 | 128.00 | 152.57 |
| 1690 | 115.00 | 128.00 | 152.55 |
| 1691 | 115.00 | 128.00 | 152.53 |
| 1692 | 115.00 | 128.00 | 152.52 |
| 1693 | 115.00 | 128.00 | 152.50 |
| 1694 | 115.00 | 128.00 | 152.48 |
| 1695 | 115.00 | 128.00 | 152.46 |
| 1696 | 115.00 | 128.00 | 152.45 |
| 1697 | 115.00 | 128.00 | 152.43 |
| 1698 | 115.00 | 128.00 | 152.41 |
| 1699 | 115.00 | 128.00 | 152.40 |
| 1700 | 115.00 | 128.00 | 152.38 |
| 1701 | 115.00 | 128.00 | 152.36 |
| 1702 | 115.00 | 128.00 | 152.35 |
| 1703 | 115.00 | 128.00 | 152.33 |
| 1704 | 115.00 | 128.00 | 152.31 |
| 1705 | 115.00 | 128.00 | 152.29 |
| 1706 | 115.00 | 128.00 | 152.28 |
| 1707 | 115.00 | 128.00 | 152.26 |
| 1708 | 115.00 | 128.00 | 152.24 |
| 1709 | 115.00 | 128.00 | 152.23 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 1710 | 115.00 | 128.00 | 152.21 |
| 1711 | 115.00 | 128.00 | 152.19 |
| 1712 | 115.00 | 128.00 | 152.18 |
| 1713 | 115.00 | 128.00 | 152.16 |
| 1714 | 115.00 | 128.00 | 152.14 |
| 1715 | 115.00 | 128.00 | 152.12 |
| 1716 | 115.00 | 128.00 | 152.11 |
| 1717 | 115.00 | 128.00 | 152.09 |
| 1718 | 115.00 | 128.00 | 152.07 |
| 1719 | 115.00 | 128.00 | 152.06 |
| 1720 | 115.00 | 128.00 | 152.04 |
| 1721 | 115.00 | 128.00 | 152.02 |
| 1722 | 115.00 | 128.00 | 152.01 |
| 1723 | 115.00 | 128.00 | 151.99 |
| 1724 | 115.00 | 128.00 | 151.97 |
| 1725 | 115.00 | 128.00 | 151.95 |
| 1726 | 115.00 | 128.00 | 151.94 |
| 1727 | 115.00 | 128.00 | 151.92 |
| 1728 | 115.00 | 128.00 | 151.90 |
| 1729 | 115.00 | 128.00 | 151.89 |
| 1730 | 115.00 | 128.00 | 151.87 |
| 1731 | 115.00 | 128.00 | 151.85 |
| 1732 | 115.00 | 128.00 | 151.84 |
| 1733 | 115.00 | 128.00 | 151.82 |
| 1734 | 115.00 | 128.00 | 151.80 |
| 1735 | 115.00 | 128.00 | 151.78 |
| 1736 | 115.00 | 128.00 | 151.77 |
| 1737 | 115.00 | 128.00 | 151.75 |
| 1738 | 115.00 | 128.00 | 151.73 |
| 1739 | 115.00 | 128.00 | 151.72 |
| 1740 | 115.00 | 128.00 | 151.70 |
| 1741 | 115.00 | 128.00 | 151.68 |
| 1742 | 115.00 | 128.00 | 151.67 |
| 1743 | 115.00 | 128.00 | 151.65 |
| 1744 | 115.00 | 128.00 | 151.63 |
| 1745 | 115.00 | 128.00 | 151.61 |
| 1746 | 115.00 | 128.00 | 151.60 |
| 1747 | 115.00 | 128.00 | 151.58 |
| 1748 | 115.00 | 128.00 | 151.56 |
| 1749 | 115.00 | 128.00 | 151.55 |
| 1750 | 115.00 | 128.00 | 151.53 |
| 1751 | 115.00 | 128.00 | 151.51 |
| 1752 | 115.00 | 128.00 | 151.50 |
| 1753 | 115.00 | 128.00 | 151.48 |
| 1754 | 115.00 | 128.00 | 151.46 |
| 1755 | 115.00 | 128.00 | 151.44 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 1756 | 115.00 | 128.00 | 151.43 |
| 1757 | 115.00 | 128.00 | 151.41 |
| 1758 | 115.00 | 128.00 | 151.39 |
| 1759 | 115.00 | 128.00 | 151.38 |
| 1760 | 115.00 | 128.00 | 151.36 |
| 1761 | 115.00 | 128.00 | 151.34 |
| 1762 | 115.00 | 128.00 | 151.33 |
| 1763 | 115.00 | 128.00 | 151.31 |
| 1764 | 115.00 | 128.00 | 151.29 |
| 1765 | 115.00 | 128.00 | 151.27 |
| 1766 | 115.00 | 128.00 | 151.26 |
| 1767 | 115.00 | 128.00 | 151.24 |
| 1768 | 115.00 | 128.00 | 151.22 |
| 1769 | 115.00 | 128.00 | 151.21 |
| 1770 | 115.00 | 128.00 | 151.19 |
| 1771 | 115.00 | 128.00 | 151.17 |
| 1772 | 115.00 | 128.00 | 151.16 |
| 1773 | 115.00 | 128.00 | 151.14 |
| 1774 | 115.00 | 128.00 | 151.12 |
| 1775 | 115.00 | 128.00 | 151.10 |
| 1776 | 115.00 | 128.00 | 151.09 |
| 1777 | 115.00 | 128.00 | 151.07 |
| 1778 | 115.00 | 128.00 | 151.05 |
| 1779 | 115.00 | 128.00 | 151.04 |
| 1780 | 115.00 | 128.00 | 151.02 |
| 1781 | 115.00 | 128.00 | 151.00 |
| 1782 | 115.00 | 128.00 | 150.99 |
| 1783 | 115.00 | 128.00 | 150.97 |
| 1784 | 115.00 | 128.00 | 150.95 |
| 1785 | 115.00 | 128.00 | 150.93 |
| 1786 | 115.00 | 128.00 | 150.92 |
| 1787 | 115.00 | 128.00 | 150.90 |
| 1788 | 115.00 | 128.00 | 150.88 |
| 1789 | 115.00 | 128.00 | 150.87 |
| 1790 | 115.00 | 128.00 | 150.85 |
| 1791 | 115.00 | 128.00 | 150.83 |
| 1792 | 115.00 | 128.00 | 150.82 |
| 1793 | 115.00 | 128.00 | 150.80 |
| 1794 | 115.00 | 128.00 | 150.78 |
| 1795 | 115.00 | 128.00 | 150.76 |
| 1796 | 115.00 | 128.00 | 150.75 |
| 1797 | 115.00 | 128.00 | 150.73 |
| 1798 | 115.00 | 128.00 | 150.71 |
| 1799 | 115.00 | 128.00 | 150.70 |
| 1800 | 115.00 | 128.00 | 150.68 |
| 1801 | 115.00 | 128.00 | 150.66 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 1802 | 115.00 | 128.00 | 150.65 |
| 1803 | 115.00 | 128.00 | 150.63 |
| 1804 | 115.00 | 128.00 | 150.61 |
| 1805 | 115.00 | 128.00 | 150.59 |
| 1806 | 115.00 | 128.00 | 150.58 |
| 1807 | 115.00 | 128.00 | 150.56 |
| 1808 | 115.00 | 128.00 | 150.54 |
| 1809 | 115.00 | 128.00 | 150.53 |
| 1810 | 115.00 | 128.00 | 150.51 |
| 1811 | 115.00 | 128.00 | 150.49 |
| 1812 | 115.00 | 128.00 | 150.48 |
| 1813 | 115.00 | 128.00 | 150.46 |
| 1814 | 115.00 | 128.00 | 150.44 |
| 1815 | 115.00 | 128.00 | 150.42 |
| 1816 | 115.00 | 128.00 | 150.41 |
| 1817 | 115.00 | 128.00 | 150.39 |
| 1818 | 115.00 | 128.00 | 150.37 |
| 1819 | 115.00 | 128.00 | 150.36 |
| 1820 | 115.00 | 128.00 | 150.34 |
| 1821 | 115.00 | 128.00 | 150.32 |
| 1822 | 115.00 | 128.00 | 150.31 |
| 1823 | 115.00 | 128.00 | 150.29 |
| 1824 | 115.00 | 128.00 | 150.27 |
| 1825 | 115.00 | 128.00 | 150.25 |
| 1826 | 115.00 | 128.00 | 150.24 |
| 1827 | 115.00 | 128.00 | 150.22 |
| 1828 | 115.00 | 128.00 | 150.20 |
| 1829 | 115.00 | 128.00 | 150.19 |
| 1830 | 115.00 | 128.00 | 150.17 |
| 1831 | 115.00 | 128.00 | 150.15 |
| 1832 | 115.00 | 128.00 | 150.14 |
| 1833 | 115.00 | 128.00 | 150.12 |
| 1834 | 115.00 | 128.00 | 150.10 |
| 1835 | 115.00 | 128.00 | 150.08 |
| 1836 | 115.00 | 128.00 | 150.07 |
| 1837 | 115.00 | 128.00 | 150.05 |
| 1838 | 115.00 | 128.00 | 150.03 |
| 1839 | 115.00 | 128.00 | 150.02 |
| 1840 | 115.00 | 128.00 | 150.00 |
| 1841 | 115.00 | 128.00 | 149.98 |
| 1842 | 115.00 | 128.00 | 149.97 |
| 1843 | 115.00 | 128.00 | 149.95 |
| 1844 | 115.00 | 128.00 | 149.93 |
| 1845 | 115.00 | 128.00 | 149.91 |
| 1846 | 115.00 | 128.00 | 149.90 |
| 1847 | 115.00 | 128.00 | 149.88 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 1848 | 115.00 | 128.00 | 149.86 |
| 1849 | 115.00 | 128.00 | 149.85 |
| 1850 | 115.00 | 128.00 | 149.83 |
| 1851 | 115.00 | 128.00 | 149.81 |
| 1852 | 115.00 | 128.00 | 149.80 |
| 1853 | 115.00 | 128.00 | 149.78 |
| 1854 | 115.00 | 128.00 | 149.76 |
| 1855 | 115.00 | 128.00 | 149.74 |
| 1856 | 115.00 | 128.00 | 149.73 |
| 1857 | 115.00 | 128.00 | 149.71 |
| 1858 | 115.00 | 128.00 | 149.69 |
| 1859 | 115.00 | 128.00 | 149.68 |
| 1860 | 115.00 | 128.00 | 149.66 |
| 1861 | 115.00 | 128.00 | 149.64 |
| 1862 | 115.00 | 128.00 | 149.63 |
| 1863 | 115.00 | 128.00 | 149.61 |
| 1864 | 115.00 | 128.00 | 149.59 |
| 1865 | 115.00 | 128.00 | 149.57 |
| 1866 | 115.00 | 128.00 | 149.56 |
| 1867 | 115.00 | 128.00 | 149.54 |
| 1868 | 115.00 | 128.00 | 149.52 |
| 1869 | 115.00 | 128.00 | 149.51 |
| 1870 | 115.00 | 128.00 | 149.49 |
| 1871 | 115.00 | 128.00 | 149.47 |
| 1872 | 115.00 | 128.00 | 149.45 |
| 1873 | 115.00 | 128.00 | 149.44 |
| 1874 | 115.00 | 128.00 | 149.42 |
| 1875 | 115.00 | 128.00 | 149.40 |
| 1876 | 115.00 | 128.00 | 149.39 |
| 1877 | 115.00 | 128.00 | 149.37 |
| 1878 | 115.00 | 128.00 | 149.35 |
| 1879 | 115.00 | 128.00 | 149.34 |
| 1880 | 115.00 | 128.00 | 149.32 |
| 1881 | 115.00 | 128.00 | 149.30 |
| 1882 | 115.00 | 128.00 | 149.28 |
| 1883 | 115.00 | 128.00 | 149.27 |
| 1884 | 115.00 | 128.00 | 149.25 |
| 1885 | 115.00 | 128.00 | 149.23 |
| 1886 | 115.00 | 128.00 | 149.22 |
| 1887 | 115.00 | 128.00 | 149.20 |
| 1888 | 115.00 | 128.00 | 149.18 |
| 1889 | 115.00 | 128.00 | 149.17 |
| 1890 | 115.00 | 128.00 | 149.15 |
| 1891 | 115.00 | 128.00 | 149.13 |
| 1892 | 115.00 | 128.00 | 149.11 |
| 1893 | 115.00 | 128.00 | 149.10 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 1894 | 115.00 | 128.00 | 149.08 |
| 1895 | 115.00 | 128.00 | 149.06 |
| 1896 | 115.00 | 128.00 | 149.05 |
| 1897 | 115.00 | 128.00 | 149.03 |
| 1898 | 115.00 | 128.00 | 149.01 |
| 1899 | 115.00 | 128.00 | 149.00 |
| 1900 | 115.00 | 128.00 | 148.98 |
| 1901 | 115.00 | 128.00 | 148.96 |
| 1902 | 115.00 | 128.00 | 148.94 |
| 1903 | 115.00 | 128.00 | 148.93 |
| 1904 | 115.00 | 128.00 | 148.91 |
| 1905 | 115.00 | 128.00 | 148.89 |
| 1906 | 115.00 | 128.00 | 148.88 |
| 1907 | 115.00 | 128.00 | 148.86 |
| 1908 | 115.00 | 128.00 | 148.84 |
| 1909 | 115.00 | 128.00 | 148.83 |
| 1910 | 115.00 | 128.00 | 148.81 |
| 1911 | 115.00 | 128.00 | 148.79 |
| 1912 | 115.00 | 128.00 | 148.77 |
| 1913 | 115.00 | 128.00 | 148.76 |
| 1914 | 115.00 | 128.00 | 148.74 |
| 1915 | 115.00 | 128.00 | 148.72 |
| 1916 | 115.00 | 128.00 | 148.71 |
| 1917 | 115.00 | 128.00 | 148.69 |
| 1918 | 115.00 | 128.00 | 148.67 |
| 1919 | 115.00 | 128.00 | 148.66 |
| 1920 | 115.00 | 128.00 | 148.64 |
| 1921 | 115.00 | 128.00 | 148.62 |
| 1922 | 115.00 | 128.00 | 148.60 |
| 1923 | 115.00 | 128.00 | 148.59 |
| 1924 | 115.00 | 128.00 | 148.57 |
| 1925 | 115.00 | 128.00 | 148.55 |
| 1926 | 115.00 | 128.00 | 148.54 |
| 1927 | 115.00 | 128.00 | 148.52 |
| 1928 | 115.00 | 128.00 | 148.50 |
| 1929 | 115.00 | 128.00 | 148.49 |
| 1930 | 115.00 | 128.00 | 148.47 |
| 1931 | 115.00 | 128.00 | 148.45 |
| 1932 | 115.00 | 128.00 | 148.43 |
| 1933 | 115.00 | 128.00 | 148.42 |
| 1934 | 115.00 | 128.00 | 148.40 |
| 1935 | 115.00 | 128.00 | 148.38 |
| 1936 | 115.00 | 128.00 | 148.37 |
| 1937 | 115.00 | 128.00 | 148.35 |
| 1938 | 115.00 | 128.00 | 148.33 |
| 1939 | 115.00 | 128.00 | 148.32 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 1940 | 115.00 | 128.00 | 148.30 |
| 1941 | 115.00 | 128.00 | 148.28 |
| 1942 | 115.00 | 128.00 | 148.26 |
| 1943 | 115.00 | 128.00 | 148.25 |
| 1944 | 115.00 | 128.00 | 148.23 |
| 1945 | 115.00 | 128.00 | 148.21 |
| 1946 | 115.00 | 128.00 | 148.20 |
| 1947 | 115.00 | 128.00 | 148.18 |
| 1948 | 115.00 | 128.00 | 148.16 |
| 1949 | 115.00 | 128.00 | 148.15 |
| 1950 | 115.00 | 128.00 | 148.13 |
| 1951 | 115.00 | 128.00 | 148.11 |
| 1952 | 115.00 | 128.00 | 148.09 |
| 1953 | 115.00 | 128.00 | 148.08 |
| 1954 | 115.00 | 128.00 | 148.06 |
| 1955 | 115.00 | 128.00 | 148.04 |
| 1956 | 115.00 | 128.00 | 148.03 |
| 1957 | 115.00 | 128.00 | 148.01 |
| 1958 | 115.00 | 128.00 | 147.99 |
| 1959 | 115.00 | 128.00 | 147.98 |
| 1960 | 115.00 | 128.00 | 147.96 |
| 1961 | 115.00 | 128.00 | 147.94 |
| 1962 | 115.00 | 128.00 | 147.92 |
| 1963 | 115.00 | 128.00 | 147.91 |
| 1964 | 115.00 | 128.00 | 147.89 |
| 1965 | 115.00 | 128.00 | 147.87 |
| 1966 | 115.00 | 128.00 | 147.86 |
| 1967 | 115.00 | 128.00 | 147.84 |
| 1968 | 115.00 | 128.00 | 147.82 |
| 1969 | 115.00 | 128.00 | 147.81 |
| 1970 | 115.00 | 128.00 | 147.79 |
| 1971 | 115.00 | 128.00 | 147.77 |
| 1972 | 115.00 | 128.00 | 147.75 |
| 1973 | 115.00 | 128.00 | 147.74 |
| 1974 | 115.00 | 128.00 | 147.72 |
| 1975 | 115.00 | 128.00 | 147.70 |
| 1976 | 115.00 | 128.00 | 147.69 |
| 1977 | 115.00 | 128.00 | 147.67 |
| 1978 | 115.00 | 128.00 | 147.65 |
| 1979 | 115.00 | 128.00 | 147.64 |
| 1980 | 115.00 | 128.00 | 147.62 |
| 1981 | 115.00 | 128.00 | 147.60 |
| 1982 | 115.00 | 128.00 | 147.58 |
| 1983 | 115.00 | 128.00 | 147.57 |
| 1984 | 115.00 | 128.00 | 147.55 |
| 1985 | 115.00 | 128.00 | 147.53 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 1986 | 115.00 | 128.00 | 147.52 |
| 1987 | 115.00 | 128.00 | 147.50 |
| 1988 | 115.00 | 128.00 | 147.48 |
| 1989 | 115.00 | 128.00 | 147.47 |
| 1990 | 115.00 | 128.00 | 147.45 |
| 1991 | 115.00 | 128.00 | 147.43 |
| 1992 | 115.00 | 128.00 | 147.41 |
| 1993 | 115.00 | 128.00 | 147.40 |
| 1994 | 115.00 | 128.00 | 147.38 |
| 1995 | 115.00 | 128.00 | 147.36 |
| 1996 | 115.00 | 128.00 | 147.35 |
| 1997 | 115.00 | 128.00 | 147.33 |
| 1998 | 115.00 | 128.00 | 147.31 |
| 1999 | 115.00 | 128.00 | 147.30 |
| 2000 | 115.00 | 128.00 | 147.28 |
| 2001 | | | 147.26 |
| 2002 | | | 147.24 |
| 2003 | | | 147.23 |
| 2004 | | | 147.21 |
| 2005 | | | 147.19 |
| 2006 | | | 147.18 |
| 2007 | | | 147.16 |
| 2008 | | | 147.14 |
| 2009 | | | 147.13 |
| 2010 | | | 147.11 |
| 2011 | | | 147.09 |
| 2012 | | | 147.07 |
| 2013 | | | 147.06 |
| 2014 | | | 147.04 |
| 2015 | | | 147.02 |
| 2016 | | | 147.01 |
| 2017 | | | 146.99 |
| 2018 | | | 146.97 |
| 2019 | | | 146.96 |
| 2020 | | | 146.94 |
| 2021 | | | 146.92 |
| 2022 | | | 146.90 |
| 2023 | | | 146.89 |
| 2024 | | | 146.87 |
| 2025 | | | 146.85 |
| 2026 | | | 146.84 |
| 2027 | | | 146.82 |
| 2028 | | | 146.80 |
| 2029 | | | 146.79 |
| 2030 | | | 146.77 |
| 2031 | | | 146.75 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 2032 | | | 146.73 |
| 2033 | | | 146.72 |
| 2034 | | | 146.70 |
| 2035 | | | 146.68 |
| 2036 | | | 146.67 |
| 2037 | | | 146.65 |
| 2038 | | | 146.63 |
| 2039 | | | 146.62 |
| 2040 | | | 146.60 |
| 2041 | | | 146.58 |
| 2042 | | | 146.56 |
| 2043 | | | 146.55 |
| 2044 | | | 146.53 |
| 2045 | | | 146.51 |
| 2046 | | | 146.50 |
| 2047 | | | 146.48 |
| 2048 | | | 146.46 |
| 2049 | | | 146.45 |
| 2050 | | | 146.43 |
| 2051 | | | 146.41 |
| 2052 | | | 146.39 |
| 2053 | | | 146.38 |
| 2054 | | | 146.36 |
| 2055 | | | 146.34 |
| 2056 | | | 146.33 |
| 2057 | | | 146.31 |
| 2058 | | | 146.29 |
| 2059 | | | 146.28 |
| 2060 | | | 146.26 |
| 2061 | | | 146.24 |
| 2062 | | | 146.22 |
| 2063 | | | 146.21 |
| 2064 | | | 146.19 |
| 2065 | | | 146.17 |
| 2066 | | | 146.16 |
| 2067 | | | 146.14 |
| 2068 | | | 146.12 |
| 2069 | | | 146.11 |
| 2070 | | | 146.09 |
| 2071 | | | 146.07 |
| 2072 | | | 146.05 |
| 2073 | | | 146.04 |
| 2074 | | | 146.02 |
| 2075 | | | 146.00 |
| 2076 | | | 145.99 |
| 2077 | | | 145.97 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 2078 | | | 145.95 |
| 2079 | | | 145.94 |
| 2080 | | | 145.92 |
| 2081 | | | 145.90 |
| 2082 | | | 145.88 |
| 2083 | | | 145.87 |
| 2084 | | | 145.85 |
| 2085 | | | 145.83 |
| 2086 | | | 145.82 |
| 2087 | | | 145.80 |
| 2088 | | | 145.78 |
| 2089 | | | 145.77 |
| 2090 | | | 145.75 |
| 2091 | | | 145.73 |
| 2092 | | | 145.71 |
| 2093 | | | 145.70 |
| 2094 | | | 145.68 |
| 2095 | | | 145.66 |
| 2096 | | | 145.65 |
| 2097 | | | 145.63 |
| 2098 | | | 145.61 |
| 2099 | | | 145.60 |
| 2100 | | | 145.58 |
| 2101 | | | 145.56 |
| 2102 | | | 145.54 |
| 2103 | | | 145.53 |
| 2104 | | | 145.51 |
| 2105 | | | 145.49 |
| 2106 | | | 145.48 |
| 2107 | | | 145.46 |
| 2108 | | | 145.44 |
| 2109 | | | 145.43 |
| 2110 | | | 145.41 |
| 2111 | | | 145.39 |
| 2112 | | | 145.37 |
| 2113 | | | 145.36 |
| 2114 | | | 145.34 |
| 2115 | | | 145.32 |
| 2116 | | | 145.31 |
| 2117 | | | 145.29 |
| 2118 | | | 145.27 |
| 2119 | | | 145.26 |
| 2120 | | | 145.24 |
| 2121 | | | 145.22 |
| 2122 | | | 145.20 |
| 2123 | | | 145.19 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 2124 | | | 145.17 |
| 2125 | | | 145.15 |
| 2126 | | | 145.14 |
| 2127 | | | 145.12 |
| 2128 | | | 145.10 |
| 2129 | | | 145.09 |
| 2130 | | | 145.07 |
| 2131 | | | 145.05 |
| 2132 | | | 145.03 |
| 2133 | | | 145.02 |
| 2134 | | | 145.00 |
| 2135 | | | 144.98 |
| 2136 | | | 144.97 |
| 2137 | | | 144.95 |
| 2138 | | | 144.93 |
| 2139 | | | 144.92 |
| 2140 | | | 144.90 |
| 2141 | | | 144.89 |
| 2142 | | | 144.87 |
| 2143 | | | 144.85 |
| 2144 | | | 144.84 |
| 2145 | | | 144.82 |
| 2146 | | | 144.80 |
| 2147 | | | 144.79 |
| 2148 | | | 144.77 |
| 2149 | | | 144.75 |
| 2150 | | | 144.74 |
| 2151 | | | 144.72 |
| 2152 | | | 144.71 |
| 2153 | | | 144.69 |
| 2154 | | | 144.67 |
| 2155 | | | 144.66 |
| 2156 | | | 144.64 |
| 2157 | | | 144.62 |
| 2158 | | | 144.61 |
| 2159 | | | 144.59 |
| 2160 | | | 144.57 |
| 2161 | | | 144.56 |
| 2162 | | | 144.54 |
| 2163 | | | 144.53 |
| 2164 | | | 144.51 |
| 2165 | | | 144.49 |
| 2166 | | | 144.48 |
| 2167 | | | 144.46 |
| 2168 | | | 144.44 |
| 2169 | | | 144.43 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 2170 | | | 144.41 |
| 2171 | | | 144.39 |
| 2172 | | | 144.38 |
| 2173 | | | 144.36 |
| 2174 | | | 144.35 |
| 2175 | | | 144.33 |
| 2176 | | | 144.31 |
| 2177 | | | 144.30 |
| 2178 | | | 144.28 |
| 2179 | | | 144.26 |
| 2180 | | | 144.25 |
| 2181 | | | 144.23 |
| 2182 | | | 144.21 |
| 2183 | | | 144.20 |
| 2184 | | | 144.18 |
| 2185 | | | 144.17 |
| 2186 | | | 144.15 |
| 2187 | | | 144.13 |
| 2188 | | | 144.12 |
| 2189 | | | 144.10 |
| 2190 | | | 144.08 |
| 2191 | | | 144.07 |
| 2192 | | | 144.05 |
| 2193 | | | 144.03 |
| 2194 | | | 144.02 |
| 2195 | | | 144.00 |
| 2196 | | | 143.99 |
| 2197 | | | 143.97 |
| 2198 | | | 143.95 |
| 2199 | | | 143.94 |
| 2200 | | | 143.92 |
| 2201 | | | 143.90 |
| 2202 | | | 143.89 |
| 2203 | | | 143.87 |
| 2204 | | | 143.85 |
| 2205 | | | 143.84 |
| 2206 | | | 143.82 |
| 2207 | | | 143.81 |
| 2208 | | | 143.79 |
| 2209 | | | 143.77 |
| 2210 | | | 143.76 |
| 2211 | | | 143.74 |
| 2212 | | | 143.72 |
| 2213 | | | 143.71 |
| 2214 | | | 143.69 |
| 2215 | | | 143.67 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 2216 | | | 143.66 |
| 2217 | | | 143.64 |
| 2218 | | | 143.63 |
| 2219 | | | 143.61 |
| 2220 | | | 143.59 |
| 2221 | | | 143.58 |
| 2222 | | | 143.56 |
| 2223 | | | 143.54 |
| 2224 | | | 143.53 |
| 2225 | | | 143.51 |
| 2226 | | | 143.49 |
| 2227 | | | 143.48 |
| 2228 | | | 143.46 |
| 2229 | | | 143.45 |
| 2230 | | | 143.43 |
| 2231 | | | 143.41 |
| 2232 | | | 143.40 |
| 2233 | | | 143.38 |
| 2234 | | | 143.36 |
| 2235 | | | 143.35 |
| 2236 | | | 143.33 |
| 2237 | | | 143.31 |
| 2238 | | | 143.30 |
| 2239 | | | 143.28 |
| 2240 | | | 143.27 |
| 2241 | | | 143.25 |
| 2242 | | | 143.23 |
| 2243 | | | 143.22 |
| 2244 | | | 143.20 |
| 2245 | | | 143.18 |
| 2246 | | | 143.17 |
| 2247 | | | 143.15 |
| 2248 | | | 143.13 |
| 2249 | | | 143.12 |
| 2250 | | | 143.10 |
| 2251 | | | 143.09 |
| 2252 | | | 143.07 |
| 2253 | | | 143.05 |
| 2254 | | | 143.04 |
| 2255 | | | 143.02 |
| 2256 | | | 143.00 |
| 2257 | | | 142.99 |
| 2258 | | | 142.97 |
| 2259 | | | 142.95 |
| 2260 | | | 142.94 |
| 2261 | | | 142.92 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 2262 | | | 142.91 |
| 2263 | | | 142.89 |
| 2264 | | | 142.87 |
| 2265 | | | 142.86 |
| 2266 | | | 142.84 |
| 2267 | | | 142.82 |
| 2268 | | | 142.81 |
| 2269 | | | 142.79 |
| 2270 | | | 142.77 |
| 2271 | | | 142.76 |
| 2272 | | | 142.74 |
| 2273 | | | 142.73 |
| 2274 | | | 142.71 |
| 2275 | | | 142.69 |
| 2276 | | | 142.68 |
| 2277 | | | 142.66 |
| 2278 | | | 142.64 |
| 2279 | | | 142.63 |
| 2280 | | | 142.61 |
| 2281 | | | 142.59 |
| 2282 | | | 142.58 |
| 2283 | | | 142.56 |
| 2284 | | | 142.55 |
| 2285 | | | 142.53 |
| 2286 | | | 142.51 |
| 2287 | | | 142.50 |
| 2288 | | | 142.48 |
| 2289 | | | 142.46 |
| 2290 | | | 142.45 |
| 2291 | | | 142.43 |
| 2292 | | | 142.41 |
| 2293 | | | 142.40 |
| 2294 | | | 142.38 |
| 2295 | | | 142.37 |
| 2296 | | | 142.35 |
| 2297 | | | 142.33 |
| 2298 | | | 142.32 |
| 2299 | | | 142.30 |
| 2300 | | | 142.28 |
| 2301 | | | 142.27 |
| 2302 | | | 142.25 |
| 2303 | | | 142.23 |
| 2304 | | | 142.22 |
| 2305 | | | 142.20 |
| 2306 | | | 142.18 |
| 2307 | | | 142.17 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 2308 | | | 142.15 |
| 2309 | | | 142.14 |
| 2310 | | | 142.12 |
| 2311 | | | 142.10 |
| 2312 | | | 142.09 |
| 2313 | | | 142.07 |
| 2314 | | | 142.05 |
| 2315 | | | 142.04 |
| 2316 | | | 142.02 |
| 2317 | | | 142.00 |
| 2318 | | | 141.99 |
| 2319 | | | 141.97 |
| 2320 | | | 141.96 |
| 2321 | | | 141.94 |
| 2322 | | | 141.92 |
| 2323 | | | 141.91 |
| 2324 | | | 141.89 |
| 2325 | | | 141.87 |
| 2326 | | | 141.86 |
| 2327 | | | 141.84 |
| 2328 | | | 141.82 |
| 2329 | | | 141.81 |
| 2330 | | | 141.79 |
| 2331 | | | 141.78 |
| 2332 | | | 141.76 |
| 2333 | | | 141.74 |
| 2334 | | | 141.73 |
| 2335 | | | 141.71 |
| 2336 | | | 141.69 |
| 2337 | | | 141.68 |
| 2338 | | | 141.66 |
| 2339 | | | 141.64 |
| 2340 | | | 141.63 |
| 2341 | | | 141.61 |
| 2342 | | | 141.60 |
| 2343 | | | 141.58 |
| 2344 | | | 141.56 |
| 2345 | | | 141.55 |
| 2346 | | | 141.53 |
| 2347 | | | 141.51 |
| 2348 | | | 141.50 |
| 2349 | | | 141.48 |
| 2350 | | | 141.46 |
| 2351 | | | 141.45 |
| 2352 | | | 141.43 |
| 2353 | | | 141.42 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 2354 | | | 141.40 |
| 2355 | | | 141.38 |
| 2356 | | | 141.37 |
| 2357 | | | 141.35 |
| 2358 | | | 141.33 |
| 2359 | | | 141.32 |
| 2360 | | | 141.30 |
| 2361 | | | 141.28 |
| 2362 | | | 141.27 |
| 2363 | | | 141.25 |
| 2364 | | | 141.24 |
| 2365 | | | 141.22 |
| 2366 | | | 141.20 |
| 2367 | | | 141.19 |
| 2368 | | | 141.17 |
| 2369 | | | 141.15 |
| 2370 | | | 141.14 |
| 2371 | | | 141.12 |
| 2372 | | | 141.10 |
| 2373 | | | 141.09 |
| 2374 | | | 141.07 |
| 2375 | | | 141.06 |
| 2376 | | | 141.04 |
| 2377 | | | 141.02 |
| 2378 | | | 141.01 |
| 2379 | | | 140.99 |
| 2380 | | | 140.97 |
| 2381 | | | 140.96 |
| 2382 | | | 140.94 |
| 2383 | | | 140.92 |
| 2384 | | | 140.91 |
| 2385 | | | 140.89 |
| 2386 | | | 140.88 |
| 2387 | | | 140.86 |
| 2388 | | | 140.84 |
| 2389 | | | 140.83 |
| 2390 | | | 140.81 |
| 2391 | | | 140.79 |
| 2392 | | | 140.78 |
| 2393 | | | 140.76 |
| 2394 | | | 140.74 |
| 2395 | | | 140.73 |
| 2396 | | | 140.71 |
| 2397 | | | 140.70 |
| 2398 | | | 140.68 |
| 2399 | | | 140.66 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 2400 | | | 140.65 |
| 2401 | | | 140.63 |
| 2402 | | | 140.61 |
| 2403 | | | 140.60 |
| 2404 | | | 140.58 |
| 2405 | | | 140.56 |
| 2406 | | | 140.55 |
| 2407 | | | 140.53 |
| 2408 | | | 140.52 |
| 2409 | | | 140.50 |
| 2410 | | | 140.48 |
| 2411 | | | 140.47 |
| 2412 | | | 140.45 |
| 2413 | | | 140.43 |
| 2414 | | | 140.42 |
| 2415 | | | 140.40 |
| 2416 | | | 140.38 |
| 2417 | | | 140.37 |
| 2418 | | | 140.35 |
| 2419 | | | 140.34 |
| 2420 | | | 140.32 |
| 2421 | | | 140.30 |
| 2422 | | | 140.29 |
| 2423 | | | 140.27 |
| 2424 | | | 140.25 |
| 2425 | | | 140.24 |
| 2426 | | | 140.22 |
| 2427 | | | 140.20 |
| 2428 | | | 140.19 |
| 2429 | | | 140.17 |
| 2430 | | | 140.16 |
| 2431 | | | 140.14 |
| 2432 | | | 140.12 |
| 2433 | | | 140.11 |
| 2434 | | | 140.09 |
| 2435 | | | 140.07 |
| 2436 | | | 140.06 |
| 2437 | | | 140.04 |
| 2438 | | | 140.02 |
| 2439 | | | 140.01 |
| 2440 | | | 139.99 |
| 2441 | | | 139.98 |
| 2442 | | | 139.96 |
| 2443 | | | 139.94 |
| 2444 | | | 139.93 |
| 2445 | | | 139.91 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 2446 | | | 139.89 |
| 2447 | | | 139.88 |
| 2448 | | | 139.86 |
| 2449 | | | 139.84 |
| 2450 | | | 139.83 |
| 2451 | | | 139.81 |
| 2452 | | | 139.80 |
| 2453 | | | 139.78 |
| 2454 | | | 139.76 |
| 2455 | | | 139.75 |
| 2456 | | | 139.73 |
| 2457 | | | 139.71 |
| 2458 | | | 139.70 |
| 2459 | | | 139.68 |
| 2460 | | | 139.66 |
| 2461 | | | 139.65 |
| 2462 | | | 139.63 |
| 2463 | | | 139.62 |
| 2464 | | | 139.60 |
| 2465 | | | 139.58 |
| 2466 | | | 139.57 |
| 2467 | | | 139.55 |
| 2468 | | | 139.53 |
| 2469 | | | 139.52 |
| 2470 | | | 139.50 |
| 2471 | | | 139.48 |
| 2472 | | | 139.47 |
| 2473 | | | 139.45 |
| 2474 | | | 139.44 |
| 2475 | | | 139.42 |
| 2476 | | | 139.40 |
| 2477 | | | 139.39 |
| 2478 | | | 139.37 |
| 2479 | | | 139.35 |
| 2480 | | | 139.34 |
| 2481 | | | 139.32 |
| 2482 | | | 139.30 |
| 2483 | | | 139.29 |
| 2484 | | | 139.27 |
| 2485 | | | 139.26 |
| 2486 | | | 139.24 |
| 2487 | | | 139.22 |
| 2488 | | | 139.21 |
| 2489 | | | 139.19 |
| 2490 | | | 139.17 |
| 2491 | | | 139.16 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 2492 | | | 139.14 |
| 2493 | | | 139.12 |
| 2494 | | | 139.11 |
| 2495 | | | 139.09 |
| 2496 | | | 139.08 |
| 2497 | | | 139.06 |
| 2498 | | | 139.04 |
| 2499 | | | 139.03 |
| 2500 | | | 139.01 |
| 2501 | | | 138.99 |
| 2502 | | | 138.98 |
| 2503 | | | 138.96 |
| 2504 | | | 138.94 |
| 2505 | | | 138.93 |
| 2506 | | | 138.91 |
| 2507 | | | 138.90 |
| 2508 | | | 138.88 |
| 2509 | | | 138.86 |
| 2510 | | | 138.85 |
| 2511 | | | 138.83 |
| 2512 | | | 138.81 |
| 2513 | | | 138.80 |
| 2514 | | | 138.78 |
| 2515 | | | 138.76 |
| 2516 | | | 138.75 |
| 2517 | | | 138.73 |
| 2518 | | | 138.72 |
| 2519 | | | 138.70 |
| 2520 | | | 138.68 |
| 2521 | | | 138.67 |
| 2522 | | | 138.65 |
| 2523 | | | 138.63 |
| 2524 | | | 138.62 |
| 2525 | | | 138.60 |
| 2526 | | | 138.58 |
| 2527 | | | 138.57 |
| 2528 | | | 138.55 |
| 2529 | | | 138.54 |
| 2530 | | | 138.52 |
| 2531 | | | 138.50 |
| 2532 | | | 138.49 |
| 2533 | | | 138.47 |
| 2534 | | | 138.45 |
| 2535 | | | 138.44 |
| 2536 | | | 138.42 |
| 2537 | | | 138.40 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 2538 | | | 138.39 |
| 2539 | | | 138.37 |
| 2540 | | | 138.36 |
| 2541 | | | 138.34 |
| 2542 | | | 138.32 |
| 2543 | | | 138.31 |
| 2544 | | | 138.29 |
| 2545 | | | 138.27 |
| 2546 | | | 138.26 |
| 2547 | | | 138.24 |
| 2548 | | | 138.22 |
| 2549 | | | 138.21 |
| 2550 | | | 138.19 |
| 2551 | | | 138.18 |
| 2552 | | | 138.16 |
| 2553 | | | 138.14 |
| 2554 | | | 138.13 |
| 2555 | | | 138.11 |
| 2556 | | | 138.09 |
| 2557 | | | 138.08 |
| 2558 | | | 138.06 |
| 2559 | | | 138.04 |
| 2560 | | | 138.03 |
| 2561 | | | 138.01 |
| 2562 | | | 138.00 |
| 2563 | | | 137.98 |
| 2564 | | | 137.96 |
| 2565 | | | 137.95 |
| 2566 | | | 137.93 |
| 2567 | | | 137.91 |
| 2568 | | | 137.90 |
| 2569 | | | 137.88 |
| 2570 | | | 137.86 |
| 2571 | | | 137.85 |
| 2572 | | | 137.83 |
| 2573 | | | 137.82 |
| 2574 | | | 137.80 |
| 2575 | | | 137.78 |
| 2576 | | | 137.77 |
| 2577 | | | 137.75 |
| 2578 | | | 137.73 |
| 2579 | | | 137.72 |
| 2580 | | | 137.70 |
| 2581 | | | 137.68 |
| 2582 | | | 137.67 |
| 2583 | | | 137.65 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 2584 | | | 137.64 |
| 2585 | | | 137.62 |
| 2586 | | | 137.60 |
| 2587 | | | 137.59 |
| 2588 | | | 137.57 |
| 2589 | | | 137.55 |
| 2590 | | | 137.54 |
| 2591 | | | 137.52 |
| 2592 | | | 137.50 |
| 2593 | | | 137.49 |
| 2594 | | | 137.47 |
| 2595 | | | 137.46 |
| 2596 | | | 137.44 |
| 2597 | | | 137.42 |
| 2598 | | | 137.41 |
| 2599 | | | 137.39 |
| 2600 | | | 137.37 |
| 2601 | | | 137.36 |
| 2602 | | | 137.34 |
| 2603 | | | 137.32 |
| 2604 | | | 137.31 |
| 2605 | | | 137.29 |
| 2606 | | | 137.28 |
| 2607 | | | 137.26 |
| 2608 | | | 137.24 |
| 2609 | | | 137.23 |
| 2610 | | | 137.21 |
| 2611 | | | 137.19 |
| 2612 | | | 137.18 |
| 2613 | | | 137.16 |
| 2614 | | | 137.14 |
| 2615 | | | 137.13 |
| 2616 | | | 137.11 |
| 2617 | | | 137.10 |
| 2618 | | | 137.08 |
| 2619 | | | 137.06 |
| 2620 | | | 137.05 |
| 2621 | | | 137.03 |
| 2622 | | | 137.01 |
| 2623 | | | 137.00 |
| 2624 | | | 136.98 |
| 2625 | | | 136.96 |
| 2626 | | | 136.95 |
| 2627 | | | 136.93 |
| 2628 | | | 136.92 |
| 2629 | | | 136.90 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 2630 | | | 136.88 |
| 2631 | | | 136.87 |
| 2632 | | | 136.85 |
| 2633 | | | 136.83 |
| 2634 | | | 136.82 |
| 2635 | | | 136.80 |
| 2636 | | | 136.78 |
| 2637 | | | 136.77 |
| 2638 | | | 136.75 |
| 2639 | | | 136.73 |
| 2640 | | | 136.72 |
| 2641 | | | 136.70 |
| 2642 | | | 136.69 |
| 2643 | | | 136.67 |
| 2644 | | | 136.65 |
| 2645 | | | 136.64 |
| 2646 | | | 136.62 |
| 2647 | | | 136.60 |
| 2648 | | | 136.59 |
| 2649 | | | 136.57 |
| 2650 | | | 136.55 |
| 2651 | | | 136.54 |
| 2652 | | | 136.52 |
| 2653 | | | 136.51 |
| 2654 | | | 136.49 |
| 2655 | | | 136.47 |
| 2656 | | | 136.46 |
| 2657 | | | 136.44 |
| 2658 | | | 136.42 |
| 2659 | | | 136.41 |
| 2660 | | | 136.39 |
| 2661 | | | 136.37 |
| 2662 | | | 136.36 |
| 2663 | | | 136.34 |
| 2664 | | | 136.33 |
| 2665 | | | 136.31 |
| 2666 | | | 136.29 |
| 2667 | | | 136.28 |
| 2668 | | | 136.26 |
| 2669 | | | 136.24 |
| 2670 | | | 136.23 |
| 2671 | | | 136.21 |
| 2672 | | | 136.19 |
| 2673 | | | 136.18 |
| 2674 | | | 136.16 |
| 2675 | | | 136.15 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 2676 | | | 136.13 |
| 2677 | | | 136.11 |
| 2678 | | | 136.10 |
| 2679 | | | 136.08 |
| 2680 | | | 136.06 |
| 2681 | | | 136.05 |
| 2682 | | | 136.03 |
| 2683 | | | 136.01 |
| 2684 | | | 136.00 |
| 2685 | | | 135.98 |
| 2686 | | | 135.97 |
| 2687 | | | 135.95 |
| 2688 | | | 135.93 |
| 2689 | | | 135.92 |
| 2690 | | | 135.90 |
| 2691 | | | 135.88 |
| 2692 | | | 135.87 |
| 2693 | | | 135.85 |
| 2694 | | | 135.83 |
| 2695 | | | 135.82 |
| 2696 | | | 135.80 |
| 2697 | | | 135.79 |
| 2698 | | | 135.77 |
| 2699 | | | 135.75 |
| 2700 | | | 135.74 |
| 2701 | | | 135.72 |
| 2702 | | | 135.70 |
| 2703 | | | 135.69 |
| 2704 | | | 135.67 |
| 2705 | | | 135.65 |
| 2706 | | | 135.64 |
| 2707 | | | 135.62 |
| 2708 | | | 135.61 |
| 2709 | | | 135.59 |
| 2710 | | | 135.57 |
| 2711 | | | 135.56 |
| 2712 | | | 135.54 |
| 2713 | | | 135.52 |
| 2714 | | | 135.51 |
| 2715 | | | 135.49 |
| 2716 | | | 135.47 |
| 2717 | | | 135.46 |
| 2718 | | | 135.44 |
| 2719 | | | 135.43 |
| 2720 | | | 135.41 |
| 2721 | | | 135.39 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 2722 | | | 135.38 |
| 2723 | | | 135.36 |
| 2724 | | | 135.34 |
| 2725 | | | 135.33 |
| 2726 | | | 135.31 |
| 2727 | | | 135.29 |
| 2728 | | | 135.28 |
| 2729 | | | 135.26 |
| 2730 | | | 135.25 |
| 2731 | | | 135.23 |
| 2732 | | | 135.21 |
| 2733 | | | 135.20 |
| 2734 | | | 135.18 |
| 2735 | | | 135.16 |
| 2736 | | | 135.15 |
| 2737 | | | 135.13 |
| 2738 | | | 135.11 |
| 2739 | | | 135.10 |
| 2740 | | | 135.08 |
| 2741 | | | 135.07 |
| 2742 | | | 135.05 |
| 2743 | | | 135.03 |
| 2744 | | | 135.02 |
| 2745 | | | 135.00 |
| 2746 | | | 134.98 |
| 2747 | | | 134.97 |
| 2748 | | | 134.95 |
| 2749 | | | 134.93 |
| 2750 | | | 134.92 |
| 2751 | | | 134.90 |
| 2752 | | | 134.89 |
| 2753 | | | 134.87 |
| 2754 | | | 134.85 |
| 2755 | | | 134.84 |
| 2756 | | | 134.82 |
| 2757 | | | 134.80 |
| 2758 | | | 134.79 |
| 2759 | | | 134.77 |
| 2760 | | | 134.75 |
| 2761 | | | 134.74 |
| 2762 | | | 134.72 |
| 2763 | | | 134.71 |
| 2764 | | | 134.69 |
| 2765 | | | 134.67 |
| 2766 | | | 134.66 |
| 2767 | | | 134.64 |

GAB Lookup Tables

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 2768 | | | 134.62 |
| 2769 | | | 134.61 |
| 2770 | | | 134.59 |
| 2771 | | | 134.57 |
| 2772 | | | 134.56 |
| 2773 | | | 134.54 |
| 2774 | | | 134.53 |
| 2775 | | | 134.51 |
| 2776 | | | 134.49 |
| 2777 | | | 134.48 |
| 2778 | | | 134.46 |
| 2779 | | | 134.44 |
| 2780 | | | 134.43 |
| 2781 | | | 134.41 |
| 2782 | | | 134.39 |
| 2783 | | | 134.38 |
| 2784 | | | 134.36 |
| 2785 | | | 134.35 |
| 2786 | | | 134.33 |
| 2787 | | | 134.31 |
| 2788 | | | 134.30 |
| 2789 | | | 134.28 |
| 2790 | | | 134.26 |
| 2791 | | | 134.25 |
| 2792 | | | 134.23 |
| 2793 | | | 134.21 |
| 2794 | | | 134.20 |
| 2795 | | | 134.18 |
| 2796 | | | 134.17 |
| 2797 | | | 134.15 |
| 2798 | | | 134.13 |
| 2799 | | | 134.12 |
| 2800 | | | 134.10 |
| 2801 | | | 134.08 |
| 2802 | | | 134.07 |
| 2803 | | | 134.05 |
| 2804 | | | 134.03 |
| 2805 | | | 134.02 |
| 2806 | | | 134.00 |
| 2807 | | | 134.00 |
| 2808 | | | 134.00 |
| 2809 | | | 134.00 |
| 2810 | | | 134.00 |
| 2811 | | | 134.00 |
| 2812 | | | 134.00 |
| 2813 | | | 134.00 |

| Student Enrollment | Baseline SF per Student (Elementary) | Baseline SF per Student (Middle) | Baseline SF per Student (High) |
|--------------------|--------------------------------------|----------------------------------|--------------------------------|
| 2814 | | | 134.00 |
| 2815 | | | 134.00 |
| 2816 | | | 134.00 |
| 2817 | | | 134.00 |
| 2818 | | | 134.00 |
| 2819 | | | 134.00 |
| 2820 | | | 134.00 |
| 2821 | | | 134.00 |
| 2822 | | | 134.00 |
| 2823 | | | 134.00 |
| 2824 | | | 134.00 |
| 2825 | | | 134.00 |
| 2826 | | | 134.00 |
| 2827 | | | 134.00 |
| 2828 | | | 134.00 |
| 2829 | | | 134.00 |
| 2830 | | | 134.00 |
| 2831 | | | 134.00 |
| 2832 | | | 134.00 |
| 2833 | | | 134.00 |
| 2834 | | | 134.00 |
| 2835 | | | 134.00 |
| 2836 | | | 134.00 |
| 2837 | | | 134.00 |
| 2838 | | | 134.00 |
| 2839 | | | 134.00 |
| 2840 | | | 134.00 |
| 2841 | | | 134.00 |
| 2842 | | | 134.00 |
| 2843 | | | 134.00 |
| 2844 | | | 134.00 |
| 2845 | | | 134.00 |
| 2846 | | | 134.00 |
| 2847 | | | 134.00 |
| 2848 | | | 134.00 |
| 2849 | | | 134.00 |
| 2850 | | | 134.00 |
| 2851 | | | 134.00 |
| 2852 | | | 134.00 |
| 2853 | | | 134.00 |
| 2854 | | | 134.00 |
| 2855 | | | 134.00 |
| 2856 | | | 134.00 |
| 2857 | | | 134.00 |
| 2858 | | | 134.00 |

GSF per Student value of 134 continues for all HS enrollments above 2805

Item 4. Baltimore City Public Schools - Northeast Middle School Limited Renovation - Capital Improvement Program (CIP) Rescission & Amendment

Motion:

1. To approve the rescission of the Northeast Middle Building #049 (PSC 30.137) Capital Improvement Program (CIP) renovation project, which received planning approval in FY 2021 and funding in FY 2023;
2. To transfer \$2,504,000 assigned to the project to the LEAs reserve account; and,
3. To amend the FY 2024 CIP to include a new limited renovation project at the Northeast Middle Building #049 (PSC 30.137) with a Maximum State Allocation of \$27,400,000 and to apply \$2,504,000 from the LEA's reserve fund to this project.

Background Information:

On August 11, 2023, Baltimore City Public Schools submitted a request to amend the scope of work for the Northeast Middle Building #049 project from a full renovation to a limited renovation that includes:

- roof replacement,
- windows and exterior doors replacement,
- HVAC systems replacement,
- fire alarm and sprinkler replacement,
- elevator replacement, and
- interior renovations to accommodate the updated educational specification requirements throughout the school facility.

The building modifications at Northeast Middle are necessary to prepare for the relocation of the Vanguard Collegiate Middle School (VCMS) program #374 from its current location at Thurgood Marshall Building. For School Year 22-23 the enrollment at VCMS is 350 students. Baltimore City School's expects that the enrollment at VCMS will increase after relieving overcrowding at other over-utilized middle school programs.

Approval of this change in scope for the Northeast Middle Building #049 project will allow Baltimore City to dispose of the Thurgood Marshall Building #170, which is an over-sized (270,000 sf) facility with current conditions that require extensive maintenance and projected future capital costs. Prior to the disposal of the Thurgood Marshall Building #170, the facility will serve as a swing space for high school students.

Item 5. Fiscal Year 2023 Maintenance of Maryland’s Public School Buildings Annual Report

Motion:

To approve the final draft of the FY 2023 Report, *Maintenance of Maryland’s Public School Buildings*, dated October 1, 2023, pending non-substantive edits by staff.

Background Information:

Education Article §5-310(b)(3), Annotated Code of Maryland requires that the IAC report to the Governor and General Assembly by October 1 each year on the results of the maintenance assessments of Maryland PreK-12 educational facilities conducted by IAC staff in the prior fiscal year.

The final draft of the annual report for FY 2023, entitled “*Maintenance of Maryland’s Public School Buildings*,” is submitted here for IAC approval. Upon approval by the IAC, the report will be printed in final format and submitted to the Governor and General Assembly as well as Superintendents and other school system staff.



Scott Snyder, Manager
Brooke Finneran, Administrative Officer

INTERAGENCY COMMISSION ON SCHOOL CONSTRUCTION

FY 2023 IAC Maintenance-Effectiveness Assessment

Annual Report

September 14, 2023

The MEA for FY 2023

Maintenance-Effectiveness Assessment



- Targeted to what matters most for facilities usefulness, reliability, and longevity
- More objective
- More consistent and comparable ratings
- More transparent
- More easily understood reports
- Uses technology for greater efficiency

- Help to ensure that LEAs are doing what's needed to maintain school facilities that are
 1. Educationally Sufficient &
 2. Fiscally Sustainable
- **Meaning**
 - Systems work as intended
 - No unplanned facility shutdowns
 - No lost educational delivery function
 - Facility lasts for its expected life span of 30 years

Purpose

of the MEA

Definitions of Major and Minor Deficiencies

| Type | Definition | Category Rating Reduction |
|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|  Minor Deficiency | Poses a <u>potential threat</u> to life, safety, or health of occupants; delivery of educational programs or services; or the expected life span of the facility. | -34% |
|  Major Deficiency | Poses an <u>immediate threat</u> to life, safety, or health of occupants; delivery of educational programs or services; or the expected life span of the facility. | -100% |

Inspections Performed, with Ratings & Percentages

FY 2023

| Fiscal Year | Superior | Good | Adequate | Not Adequate | Poor | Total |
|-----------------|--------------------|-------|----------|-------------------|-------|-------|
| Overall Ratings | 0 | 4 | 106 | 57 | 5 | 172 |
| Percentages | 0.0% | 2.32% | 61.63% | 33.14% | 2.91% | 100% |
| P/F | Passing: 110 (64%) | | | Failing: 62 (36%) | | 100% |

Major and Minor Deficiencies by Category

| Site | | |
|-----------------------------------------------|-------------------------|-------------------------|
| Category | # of Major Deficiencies | # of Minor Deficiencies |
| Roadways, Parking Lots, & Walkways | 0 | 54 |
| Grounds | 0 | 24 |
| Positive Site Drainage Away from Structure(s) | 0 | 3 |
| Playgrounds, Equipment, & Fields | 0 | 31 |
| Relocatables & Additional Structures | 0 | 11 |
| Site Subtotals | 0 | 123 |

| Building Exterior | | |
|------------------------------------|-------------------------|-------------------------|
| Category | # of Major Deficiencies | # of Minor Deficiencies |
| Exterior Structure & Finishes | 1 | 13 |
| Roof Drains, Gutters, & Downspouts | 0 | 3 |
| Windows, Caulking, & Skylights | 0 | 5 |
| Entryways & Exterior Doors | 0 | 9 |
| Roofs, Flashing, and Gravel Stops | 0 | 4 |
| Building Exterior Subtotals | 1 | 34 |

| Building Interior | | |
|-----------------------------------------------------------|-------------------------|-------------------------|
| Category | # of Major Deficiencies | # of Minor Deficiencies |
| Interior Doors, Walls, Partitions, & Finishes | 0 | 16 |
| Floors | 0 | 6 |
| Interior Cleanliness & Appearance (incl. of Equip. Rooms) | 0 | 14 |
| Ceilings | 0 | 13 |
| Interior Lighting | 0 | 18 |
| Building Interior Subtotals | 0 | 67 |

| Building Equipment & Systems | | |
|--------------------------------------------------------------------|-------------------------|-------------------------|
| Category | # of Major Deficiencies | # of Minor Deficiencies |
| HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters) | 0 | 13 |
| Electrical Distribution & Service Equipment | 0 | 18 |
| Boilers, Water Heaters, Steam, & Hot-water Distribution | 0 | 14 |
| Plumbing Fixtures and Equipment | 0 | 17 |
| Fire and Safety Systems & Utility Controls | 1 | 36 |
| Conveyances | 0 | 14 |
| Building Equipment & Systems Subtotals | 1 | 112 |

| Grand Total | | |
|--------------|-------------------------|-------------------------|
| | # of Major Deficiencies | # of Minor Deficiencies |
| Total | 2 | 336 |

We'd love
to hear your questions



State of Maryland
Interagency Commission on
School Construction
Maintenance of Maryland's
Public School Buildings
Fiscal Year 2023
Annual Report



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FY 2023 Annual Report: Maintenance of Maryland's Public School Buildings

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I. PreK-12 Public School Maintenance in Maryland

A. Defined Terms

The LEA Maintenance-Effectiveness Assessment Results reports provide an overview of maintenance assessments conducted at selected school facilities in each Maryland public school system. Each report provides general information about the school system, a listing of the facilities that were assessed, and a brief narrative highlighting important aspects of the school system's maintenance program.

Data regarding LEAs' facilities inventories as provided in the Key Facts sections of this report are drawn from the IAC's Facility Inventory database but are provided by the LEAs and are accurate to the extent that they have been updated by the LEAs.

Note:

The definition of "**Adjusted Age**" of a school facility, found in the fourth column of the Summary of School Ratings charts in the LEA Maintenance-Effectiveness Assessment Results section starting on page 25, is the average age of the total square footage. For the purposes of calculating the Adjusted Age, renovated square footage is generally treated as new.

A "**major deficiency**" is assigned to a category when a facility assessor determines there is an issue or multiple issues that pose an immediate threat to life, safety, or health of occupants, delivery of educational programs or services, or the expected life span of the facility. The score of any category assigned a major deficiency will be reduced by 100%.

A "**minor deficiency**" is assigned to a category when a facility assessor determines there is an issue or multiple issues that pose a potential threat to life, safety, or health of occupants, delivery of educational programs or services, or the expected life span of the facility. The score of any category assigned a minor deficiency will be reduced by 34%.

The number of reported major and minor deficiencies refers only to the number of categories containing one or more deficiencies when the MEA reports are finalized at the end of the 45-day remediation period. Taking this into account, it is possible that the number of individual major and minor deficiencies are greater than the number of deficiencies reported if categories contain more than one deficiency each. Any category which contains both major and minor deficiencies will be reported as a category with a major deficiency.

"**Original existing square footage**" as used in the narratives on the following pages refers to the construction dates of the existing square footage in a facility, regardless of if they were renovated at a later date. 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 to 2003. If one other school in the same county is assessed in the same year, and it was built in 1962 and received a complete renovation and addition in 2010, then the original existing square footage for that school would date from 1962 to 2010; combined, the original existing square footage at these schools dates from 1960 to 2010.

I. PreK-12 Public School Maintenance in Maryland

A. Defined Terms

Acronyms and other abbreviations used in this report:

| Acronym | Meaning |
|---------|--------------------------------------------------------------------------------------------------------------------------|
| A&M | Assessment & Maintenance |
| APPA | Association of Physical Plant Administrators |
| BPW | Board of Public Works |
| CDAC | Capital Debt Affordability Committee |
| CIP | Capital Improvement Program |
| CMMS | computerized maintenance management system |
| CMP | Comprehensive Maintenance Plan |
| CRV | current replacement value |
| DGS | Department of General Services |
| DLLR | Department of Labor, Licensing and Regulation |
| EFMP | Educational Facilities Master Plan |
| FCI | Facility Condition Index |
| FTE | full-time equivalent |
| FY | fiscal year |
| GSF | gross square footage |
| HVAC | heating, ventilation, and air conditioning |
| IAC | Interagency Committee on School Construction (1971-2017) Interagency Commission on School Construction (2018-present) |
| IFMA | International Facilities Management Association |
| IPM | integrated pest management |
| LEA | Local Education Agency |
| MD | Maryland |
| MDCI | Maryland Condition Index |
| MEA | maintenance-effectiveness assessment |
| MSB | Maryland School for the Blind |
| PM | preventive maintenance |
| SF | square feet/square footage |
| SoW | scope of work |
| TCO | total cost of ownership |

I. PreK-12 Public School Maintenance in Maryland

B. Background

In June of 1971, the BPW established the Interagency Committee on School Construction, which in 2018 became the Interagency Commission on School Construction. Since the initial creation of the IAC, it has been understood that maintenance plays a significant role in facility condition and the educational sufficiency of each of Maryland's public schools, and the IAC has prioritized maintenance information accordingly. In 1973, the BPW directed the IAC to conduct a one-time comprehensive maintenance review of all operating public schools. The results revealed that about 21% 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.

In 1980, the BPW directed the IAC to conduct a full maintenance survey of selected public schools that had received state funding assistance. The survey was performed by the DGS. Its initial purpose was to assess the quality of local maintenance programs in 100 school facilities that had benefited from State school construction funding. Subsequently, annual assessments of approximately 100 schools representing a range of approximately 7-16% of each LEA's schools were authorized.

In 1981, a section covering maintenance was included in the IAC's Administrative Procedures Guide and, in 1994, a requirement was added that each LEA submit a Board-approved CMP no later than October 15 of each year.

A well-conceived CMP:

- provides an overview of the policies of the local board and a compendium of good maintenance practices;
- uses comparable metrics to determine if maintenance is being performed as required;
- addresses the planning, funding, reporting, and compliance monitoring of school maintenance; and
- lists the highest priority capital and repair projects, with the anticipated funding source for each project.

In July 2005, the CDAC, consisting of the State Treasurer, the Comptroller, the Secretary of the Department of Budget and Management, the Secretary of Transportation, and a public member, requested that the IAC develop recommendations to ensure that Maryland's large investment in school facilities will be well protected through good maintenance practices. As a result, the IAC:

- Transferred the school maintenance survey function from DGS to the IAC beginning in FY 2007 and hired two full-time maintenance inspectors with experience in the fields of building maintenance, operations, and construction to conduct approximately 220 to 230 school assessments in the 24 school systems per year, as well as reassessments of schools assessed in a prior fiscal year that received ratings of Not Adequate or Poor.¹
- Included maintenance-assessment information as a component of the IAC Facilities Inventory database. This allows for longitudinal comparison of survey scores providing some value for analysis of statewide maintenance practices but it is not a CMMS that would allow robust maintenance management and reporting.
- Issued, in response to a requirement of the General Assembly, guidelines for maintenance of public school facilities in Maryland in May 2008.

¹ Assessments are not conducted for facilities on the campus of MSB, which is eligible for State school construction funding.

I. PreK-12 Public School Maintenance in Maryland

B. Background

- Continued to strengthen the alignment between the maintenance-assessment program and the annual CIP:
 - ◊ Beginning with the FY 2010 CIP, the IAC has required that LEAs submit the three most recent roof assessment reports as a threshold condition for approval of roof replacement projects.
 - ◊ The IAC continues to encourage LEAs to review TCO. The need for capital maintenance projects will increase as the average age of facilities portfolios also continues to grow. Major renewal projects that reduce the FCI score for a facility and address multiple deficiencies may provide the biggest “bang-for-the-buck” and extend the expected life of a facility.
 - ◊ The staff of the IAC has discussed maintenance budgets, staffing, and maintenance capital planning with LEAs in the annual October meetings regarding the CIP.

In 2019, following the General Assembly’s passage of the 21st Century School Facilities Act (2018 Md. Laws, Ch. 14), the IAC began developing and testing with LEA input a new MEA that was implemented for FY 2021 to replace the maintenance inspections. The post-FY 2020 MEA is based upon a more stringent rubric that greatly reduces the subjectivity of the assessments. For FY 2023, the MEA has been refined to better identify the effectiveness of LEAs’ practices with regard to the management of both in-house and contracted maintenance. See page 11 for a description of the post-FY 2020 MEA. Starting in FY 2023, two categories within the Maintenance Management group, *Custodial Scope of Work (SoW)* and *Pest Management*, were merged into other categories and no longer received a separate rating. All items assessed in *Custodial Scope of Work (SoW)* were incorporated into the rating for *Interior Cleanliness & Appearance (incl. of Equip. Rooms)*. Pest management pertaining to interior pests were incorporated into the rating for *Interior Cleanliness & Appearance (incl. of Equip. Rooms)*. Pest management items pertaining to exterior pests were incorporated into the rating for *Grounds*. The weights from *Custodial Scope of Work (SoW)* and *Pest Management* were redistributed to *Preventive Maintenance (PM) Plan* and *Computerized Maint. Mgmt. System (incl. Equip. Data)* to better emphasize the importance of these two categories. *Preventive Maintenance (PM) Plan* increased from a weight of 10 points to 15 points and the category was renamed to *Preventive Maintenance (PM)* as this category not only assesses an LEA’s PM plan but also the implementation of that plan. *Computerized Maint. Mgmt. System (incl. Equip. Data)* increased from a weight of 10 points to 14 points.

The 21st Century School Facilities Act also mandated that the IAC require the annual submission of PM plans. The IAC updated its instructions for the submission of the CMP to make it possible for the IAC to compare LEAs’ maintenance planning over time and across the state in a manner that supports the identification of best practices that the IAC can then share with all LEAs.

Starting in August 2023, MEA results were compiled into a filterable map and made available on the IAC’s website. The map includes the average overall LEA rating each FY as well as the latest overall rating for each facility that has received an MEA since the assessment’s implementation in FY 2020. To access the MEA results map, please see the [IAC's website](#).

I. PreK-12 Public School Maintenance in Maryland

C. The Changing Landscape of Facilities Maintenance

Every facility requires maintenance on an ongoing basis in order to ensure the continued effectiveness of the facility in supporting the delivery of programs and services, to achieve the full expected lifespans of the facility and its components, and to ensure that the facility remains fiscally sustainable. An LEA must implement highly effective preventive and reactive maintenance on a continual basis, and must also implement appropriate capital maintenance (i.e., periodic renewal or replacement of building systems) when it is needed. To do this, an LEA must have the tools, knowledge-equipped staffing, materials, and contracted support that are required to manage and implement the needed operations and maintenance activities. Paying for these inputs requires consistently having sufficient funds in the LEA’s operations, maintenance, and capital budgets.

The question of how many resources are required for proper and sufficient operations and maintenance of a given facility – much less a portfolio of facilities – is a complex one. This is because, for each facility, the costs vary significantly based upon its design and specific components, its age and condition, how much of the maintenance work needed to date has been performed in a timely manner, the quality and effectiveness of that maintenance work, and the “wear and tear” on the facility from its usage and from the environmental conditions present around the facility. APPA provides standards for staffing both the custodial activities and the maintenance activities of facilities at various levels of functionality and fiscal sustainability. At the level appropriate for fiscally sustainable school facilities—Level 2: Comprehensive Stewardship—APPA recommends the following staffing in FTEs:

| | |
|-------------------------------------------------------|--------------------|
| Maintenance (APPA Level 2: Comprehensive Stewardship) | 1.0 per 67,456 GSF |
| Custodial (APPA Level 2: Ordinary Tidiness) | 1.0 per 16,700 GSF |
| Upkeep of Grounds (APPA Level 2: High Level) | 1.0 per 10 acres |

In addition to general staffing, however, there are many preventive and reactive maintenance activities that must be performed to keep building systems in good condition, and these often involve significant staffing, parts, materials, and/or contracted labor. For this reason, operations, maintenance, and capital maintenance budgets must accommodate far more than only the costs of general staffing. Industry standards supported by APPA, the IFMA, the U.S. Department of Defense, and other experts suggest that a good rule of thumb for facilities funding is to spend, on average, the following amounts per year:

| | |
|------------------------------------------------------------|--------------------|
| Operations & Routine Maintenance (preventive and reactive) | 2% of facility CRV |
| Capital Maintenance (system renewal) | 2% of facility CRV |

These figures have been found to be effective in estimating facilities costs for the purposes of planning and budgeting, but are still only a very rough estimate. This is because they do not take into account the specific conditions that may be faced by a given facility, and do not address any backlog of deferred maintenance from past years that may exist. Nevertheless, it’s likely that, if an LEA fails to spend an annual average of at least 4% of CRV per year on operations and maintenance of its facilities, it will have difficulty maintaining the functionality and the fiscal sustainability of the facilities and obtaining the full expected lifespans of the facilities.

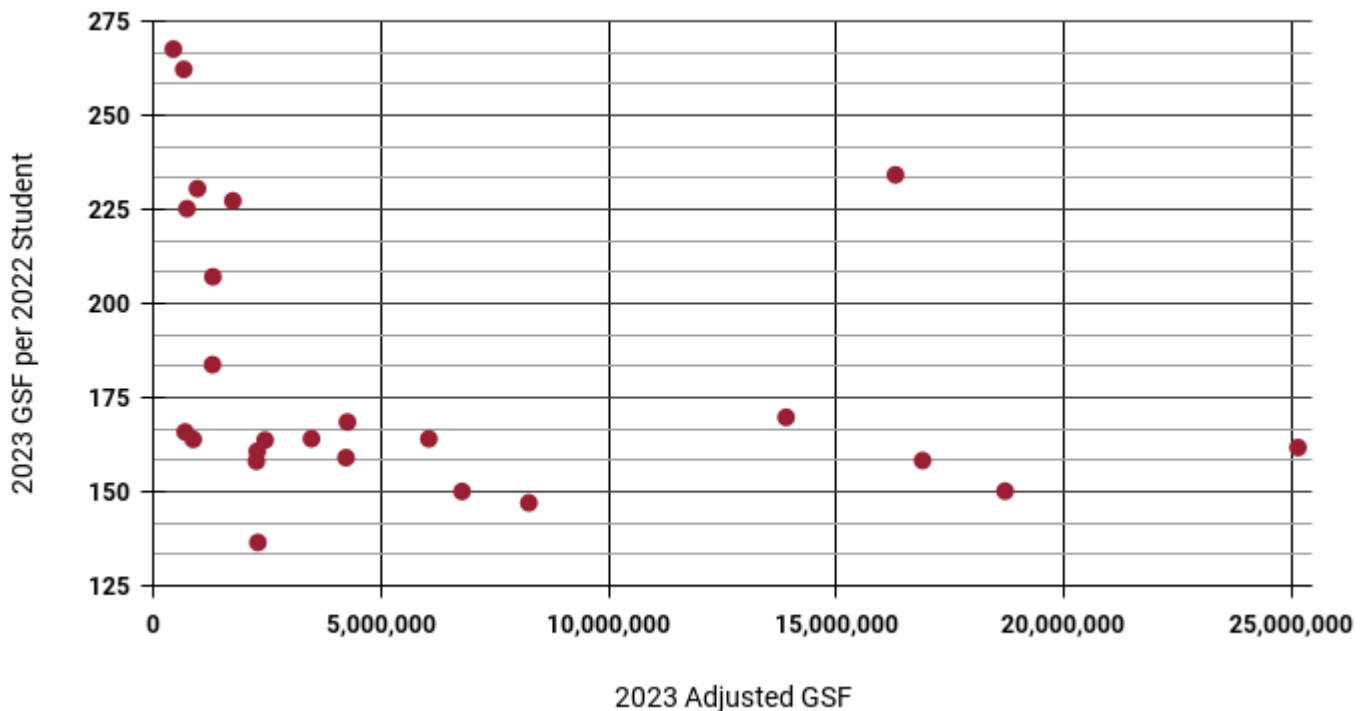
I. PreK-12 Public School Maintenance in Maryland

C. The Changing Landscape of Facilities Maintenance

The collection of statewide comparable data on the condition and educational sufficiency of PK-12 school facilities in Maryland is ongoing. A baseline Statewide Facilities Assessment was completed in the fall of 2021, and data is to be updated annually, with 25% of school facilities in Maryland re-assessed through site visits each year. Weighting based on the IAC’s Educational Sufficiency Standards is to be finalized in the coming years to create an overall MDCl score for each facility that will allow for apples-to-apples comparison between school facilities. This score will provide valuable insight into the physical needs of Maryland school facilities and support prioritization of construction projects in order to provide environments that support the effective delivery of educational programs that meet Maryland’s education standards and that can be effectively and efficiently maintained. The results of this assessment are outside of the scope of this maintenance report and will be published separately.

The total cost of ownership (TCO) of school facilities continues to increase, in significant part due to increasing square footage per student. Typically, LEAs’ budgets have not been sufficient to support the increased cost. In 2023, Maryland’s LEAs operated more than 142 million GSF of educational space to serve about 852,800 PK-12 students², for a statewide average of about 167 GSF per student. However, as shown in the chart below, the average GSF per student figure for many of Maryland’s LEAs is significantly higher than 167.

2023 GSF per 2022 Student vs. 2023 Total Adjusted GSF by LEA



School facility size and TCO therefore must be at the forefront in planning decisions and the management and operation of school facilities must continuously improve in efficiency and effectiveness. Robust and data-driven facilities management is necessary for the effective management of the TCO and to sustain our schools.

2 Maryland State Department of Education. (2023). *FY24_StateAid_MASTER_FINAL_6-16-2023* [Microsoft Excel spreadsheet]. Retrieved from <https://marylandpublicschools.org/about/Pages/OFPOS/StateAid/index.aspx>

I. PreK-12 Public School Maintenance in Maryland

C. The Changing Landscape of Facilities Maintenance

Because funding for capital maintenance is limited, it is important that the local board's EFMP, CMP, and annual CIP are coordinated to ensure that maintenance-related capital projects are properly sequenced in relation to other facilities needs and support the board's educational and portfolio management objectives. LEAs are improving their efficiency through the use of best practices, including better training of staff, the expanded use of CMMS, and increased knowledge of how to manage and reduce the TCO of facilities.

It should be noted that budgets for maintenance often compete directly with educational program budgets and, therefore, planning and building right-sized school facilities that are affordable to operate over their lifespans is essential to having highly functioning and fiscally sustainable schools. The IAC has described a number of the key principles in facilities-portfolio management in a series of [webinars](#) published on the IAC's website. The IAC continues to support LEAs by informing best practices and looks in the future to provide adequate facilities ownership cost accounting, provision of post-occupancy evaluations, and performance benchmarks.



Brooklyn Park Elementary, Anne Arundel County



Galena Elementary, Kent County

I. PreK-12 Public School Maintenance in Maryland



D. The Post-FY 2020 Maintenance-Effectiveness Assessment

Following the General Assembly’s passage of the 21st Century School Facilities Act, the IAC in 2019 began developing and testing with LEA input a new MEA and implemented it for FY 2021. The post-FY 2020 MEA differs significantly from the old maintenance surveys in that it:

- Covers more aspects of facilities maintenance, including the category of Maintenance Management, which includes maintaining and following PM plans and the use of a CMMS in certain ways;
- Is based upon clearer and more objective standards that are keyed to outcomes;

| | |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Superior and Good | Maintenance is likely to extend the life of systems within the facility beyond their expected lifespans. |
| Adequate | Maintenance is sufficient to achieve the life of each system within the facility and, with appropriate capital spending and renewal, the total expected lifespan. |
| Not Adequate and Poor | Maintenance is insufficient to achieve the expected lifespans of systems within the facility. |

- Utilizes a published rubric that describes criteria for each rating level (Superior, Good, Adequate, Not Adequate, and Poor) for each major building-component category, which facilitates greater consistency across assessments and supports increased reviewability;
- Weights the various building-component categories to better reflect their impact on the utility of the facility;

| Type | Definition | Category Rating Reduction |
|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|  Minor Deficiency | Poses a <u>potential threat</u> to life, safety, or health of occupants; delivery of educational programs or services; or the expected lifespan of the facility. | -34% |
|  Major Deficiency | Poses an <u>immediate threat</u> to life, safety, or health of occupants; delivery of educational programs or services; or the expected lifespan of the facility. | -100% |

- Recognizes deficiencies in maintenance that pose a potential or immediate threat to occupants or the expected lifespan of the facility;
- Allows LEAs to request the elimination of a given score penalty resulting from an assessed major or minor deficiency when the LEA has timely provided sufficient evidence that the deficiency has been remediated or is in the process of being remediated; and
- Is more transparent because the rating standards, criteria, and scoring formula are all publicly available on the [IAC’s website](#).

It should be noted that any maintenance assessment results prior to FY 2021 are not comparable to results in FY 2021 or thereafter. For example, the assessment rating categories have been recalibrated so that a result of Adequate demonstrates an appropriate level of maintenance support for a school facility. Facilities that would have received a level of Good prior to FY 2021 may often receive an Adequate overall rating in FY 2021 or subsequent years.

I. PreK-12 Public School Maintenance in Maryland

D. The Post-FY 2020 Maintenance-Effectiveness Assessment

In the course of the FY 2021 implementation of the post-FY 2020 MEA, LEAs provided valuable feedback to the IAC based upon those LEAs' experiences in the assessments of their facilities. That feedback included suggestions for improvements and the IAC implemented changes in response to some of the suggestions. The feedback also included statements from LEAs that found the post-FY 2020 MEA delivers much greater value than the IAC's previous maintenance surveys. The IAC looks forward to a continuing feedback loop that will carry additional LEA ideas and suggestions back to the IAC for evaluation and consideration as part of the IAC's adherence to the principle of continuous improvement.

The Assessment Rubric

The assessment rubric as implemented in FY 2021 groups the building-system components into 21 categories within four groups. In order to focus the assessment's scoring on those categories that are likely to have the greatest potential impact on teaching and learning, each category receives a value of between three and ten points.

| Group | Category | Weight |
|------------------------------|------------------------------------------------------------------------|--------|
| Site | 1. Roadways, Parking Lots, & Walkways | 5 |
| | 2. Grounds | 3 |
| | 3. Positive Site Drainage Away from Structure(s) | 8 |
| | 4. Playgrounds, Equipment, & Fields | 4 |
| | 5. Relocatables & Additional Structures | 6 |
| Building Exterior | 6. Exterior Structure & Finishes | 6 |
| | 7. Roof Drains, Gutters, & Downspouts | 7 |
| | 8. Windows, Caulking, & Skylights | 3 |
| | 9. Entryways & Exterior Doors | 7 |
| | 10. Roofs, Flashing, and Gravel Stops | 7 |
| Building Interior | 11. Interior Doors, Walls, Partitions, & Finishes | 3 |
| | 12. Floors | 3 |
| | 13. Interior Cleanliness & Appearance (incl. of Equip. Rooms) | 6 |
| | 14. Ceilings | 3 |
| | 15. Interior Lighting | 5 |
| Building Equipment & Systems | 16. HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters) | 10 |
| | 17. Electrical Distribution & Service Equipment | 3 |
| | 18. Boilers, Water Heaters, Steam, & Hot-water Distribution | 8 |
| | 19. Plumbing Fixtures and Equipment | 5 |
| | 20. Fire and Safety Systems & Utility Controls | 10 |
| | 21. Conveyances | 5 |

I. PreK-12 Public School Maintenance in Maryland

D. The Post-FY 2020 Maintenance-Effectiveness Assessment

The rubric also includes the following two categories³ under the heading of Maintenance Management:

| Group | Category | Weight |
|------------------------|--------------------------------------------------------------------|--------|
| Maintenance Management | 22. Preventive Maintenance (PM) | 15 |
| | 23. Computerized Maintenance Management System (incl. Equip. Data) | 14 |

For each category, the rubric specifies criteria for each of the five rating levels. The [complete rubric](#) can be read in its entirety on the IAC website. As an example, the following are the criteria for the rating levels within the category of Plumbing Fixtures and Equipment:

| Category Rating | Rating Criteria |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Superior | <ul style="list-style-type: none"> • No problems or issues visible; and • Evidence that only normal preventive maintenance is required. |
| Good | <ul style="list-style-type: none"> • Evidence of systems functioning normally with no signs of deterioration, corrosion, leaks, or delivery issues; • Evidence of issues that may require minor repairs or cleanup but do not affect structural integrity or intended uses; and • Evidence of routinely above-standard custodial and maintenance practices. |
| Adequate | <ul style="list-style-type: none"> • Evidence of systems functioning normally with few signs of deterioration, corrosion, leaks, or delivery issues; • Evidence of issues that may require repairs or cleanup but do not significantly affect structural integrity or intended uses; and • Evidence of regular competent custodial and maintenance practices. |
| Not Adequate | <ul style="list-style-type: none"> • Systems are not functioning as intended; • Evidence of significant deterioration, corrosion, leaks, or delivery issues; • Evidence of issues requiring significant repairs or replacement; or • Evidence of inconsistent custodial or maintenance practices. |
| Poor | <ul style="list-style-type: none"> • System is nonfunctional or unsafe to operate; • Evidence of extensive deterioration, corrosion, leaks, or delivery issues; • Evidence of issues requiring extensive repairs or replacement; or • Evidence of consistently sub-standard custodial or maintenance practices. |

³ The Maintenance Management group originally had four total categories. *Pest Management* and *Custodial Scope of Work (SoW)* were both removed from this group and incorporated into other categories starting with FY 2023's assessments. See page 7 for additional details.

I. PreK-12 Public School Maintenance in Maryland

D. The Post-FY 2020 Maintenance-Effectiveness Assessment

After the assessor walks the facility and examines the grounds, the structure, and the spaces and building components within them, the rubric along with the assessor's trained professional judgment are used to assign a rating to each category.⁴ Each rating has a factor as follows:

| Rating | Factor |
|--------------|--------|
| Superior | 100% |
| Good | 85% |
| Adequate | 75% |
| Not Adequate | 65% |
| Poor | 55% |

The IAC's software⁵ then multiplies the weight for each category by the rating factor of the rating that the assessor assigns, and adjusts for any major or minor deficiencies that were assessed in that category. The resulting points are then scaled to a 100-point scale to generate an overall score for the facility, which translates into an overall facility rating as follows:

| Scaled Score Range | Overall Rating |
|--------------------|----------------|
| 90% to 100% | Superior |
| 80% to 89% | Good |
| 70% to 79% | Adequate |
| 60% to 69% | Not Adequate |
| 0% to 59% | Poor |

At the end of the fiscal year assessment cycle, the IAC averages the overall ratings conferred upon the facilities assessed during the fiscal year to derive an average overall facility rating for the LEA. Each year, the IAC selects a sample set of facilities to assess in each LEA based upon a number of factors including the number of years elapsed since each facility was last assessed.⁶

For more information about the MEA's rubric, deficiency removal guidelines, or scoring calculator, please see the [IAC's website](#).

4 Where a school does not include assets in a given category, or the assessor could not evaluate the assets due to ongoing major construction projects, weather conditions, or other circumstances, the assessor assigns a rating of Not Applicable and the category is omitted from the scoring calculation. As a result, not every school may have a rating in every category.

5 The formulas used in the IAC's software are shown in the [MEA scoring calculator](#) provided on the IAC's website.

6 For more detail about the school selection process, see Overview of FY 2023 Assessment Results on page 17.

II. The Assessment: Fiscal Year 2023

A. Procedures and Methods

In conducting a total of 172 MEAs between July 2022 and May 2023, the team implemented the following process:

Prior to the Site Visit

In June 2022, the IAC provided each LEA a list of the school facilities to be assessed and coordinated with the LEAs with regard to scheduling. LEAs were required to submit key school facility information including maintenance records to the IAC prior to each assessment. In order to improve their efficiency and accountability, all 24 LEAs have to varying degrees implemented CMMS tools. CMMS tools help LEAs manage and track maintenance activities through the use of work orders. A key function of a CMMS is to automatically generate work orders for PM tasks based upon equipment needs and PM schedules published by the manufacturers of each facility's building systems. When fully implemented, the CMMS can provide valuable and transparent data for improving facilities maintenance processes, including work order aging reports and the costs of performing maintenance. Prior to the site visit for each facility, the assessor reviewed work order reports to obtain an advance view on the levels of maintenance being performed on various parts of the facility.

During the Site Visit

Upon arrival, the IAC's assessor walked the facility in the presence of a facilities maintenance representative or designee. The assessor examined the components and systems of the buildings, listed on page 12. Based upon the assessor's observations of the building systems and the documentation of the LEA's maintenance activities in the facility as compared against the criteria in the MEA rubric, the assessor assigned a rating for each category. The assessor recorded any comments and assigned ratings on the IAC's web-based assessment form and attached photos taken during the assessment.

The IAC's assessor took care during the assessment to measure the effectiveness of the LEA's maintenance by evaluating the conditions observed and to avoid allowing the age of the facility or its systems to affect any category's rating. If a school facility is well maintained and has older equipment and components that are serviceable and are not causing harm to other equipment and building components, the facility is likely to receive a score that reflects the high level of effectiveness of maintenance that was performed.

After the Site Visit

Upon completion of the assessment, the assessor reviewed any notes and documentation as needed, completed the preliminary MEA report, and submitted it to the A&M group manager or lead assessor for review. The A&M group manager or lead assessor reviewed the report, coordinated with the assessor as needed to refine or adjust the report contents, and approved the report. The A&M group manager dispatched the report to the LEA's maintenance director and other appropriate personnel, generally within 72 business hours.

Once the LEA received the preliminary MEA report, the LEA had 15 calendar days in which to provide responses on any issues that the assessor marked for a required response. Such issues could include building-system categories that received a rating of Poor or Not Adequate as well as any major or minor deficiencies. The LEA had the option of requesting the removal of score penalties for any major or minor deficiencies assessed in the report. If the A&M group manager found that the LEA had timely provided sufficient evidence under [the IAC's guidelines](#) that the deficiency had been remediated or was in the process of being remediated, the IAC could reduce or remove the negative score impact of that deficiency.

II. The Assessment: Fiscal Year 2023

A. Procedures and Methods

As described in the following section on the results of the FY 2023 MEAs, the LEAs accrued a total of 336 minor deficiencies – an average of 1.8 per assessed school facility – and 2 major deficiencies that were not remediated. Anecdotal feedback from LEAs suggests that the primary reason why many or most of the deficiencies were not remediated is that the LEAs lack sufficient fiscal and/or staffing resources to remediate the deficiencies while still meeting other pressing facility needs.



Atholton High, Howard County



Snow Hill High, Worcester County

II. The Assessment: Fiscal Year 2023

B. Overview of FY 2023 Assessment Results

The IAC is reporting on 172 MEAs performed in FY 2023 representing 13% of Maryland's PK-12 public school facilities.⁷ These MEAs constitute the third batch of assessments using the post-FY 2020 approach, which provides for greater consistency and comparability across facilities and LEAs and is calibrated to reflect whether the LEA's maintenance effectiveness is sufficient to maintain the expected functionality of its facilities for educational purposes and to achieve the expected lifespans for the major building systems and the facilities overall.

In selecting facilities to assess during FY 2023, the IAC first prioritized the school facilities that had not been assessed within the last six fiscal years or were at least three years old and had never received an assessment. The IAC assessed approximately 13% of facilities in each LEA. To ensure each LEA's final results were a reflection of each LEA's overall average maintenance effectiveness, a minimum of three facilities were assessed in each LEA. For the LEAs that implement multiple maintenance service centers to manage designated areas, care was taken to conduct MEAs distributed as proportionally as possible in each service area.

Table 1 provides a summary of the maintenance-effectiveness results for each LEA from FY 2023. Specifically, the table shows the average overall rating from the facilities assessed along with the corresponding rating level and the total number of major and minor deficiencies.

ADEQUATE IS ADEQUATE

A rating of Adequate suggests that the LEA's maintenance is such that, on average, the LEA should obtain the expected lifespans from its building systems and facilities.

The FY 2023 data shows the following:

- The statewide average maintenance-effectiveness rating by facility was 70.57%, which falls within the Adequate range under the IAC's rating system.
- 16 of 24 – or 67% – of LEAs earned an average overall maintenance-effectiveness rating of Adequate.
- 23 of 24 – or 96% – of LEAs accrued no major deficiencies, which are items that pose an immediate threat to life, safety, or health of occupants; delivery of educational programs or services; or the expected lifespan of the facility. The only two unremediated major deficiencies remaining were found in the same facility.
- 12 of 24 – or 50% – of LEAs averaged one unremediated minor deficiency per facility or fewer. These same 12 LEAs all earned an average overall maintenance-effectiveness rating of Adequate. Talbot County and Wicomico County were the only two LEAs that had no unremediated deficiencies.

As compared with results from FY 2022, the average overall rating for a facility in FY 2023 decreased by 2.49%. It is likely that multiple factors caused the decrease in facility ratings, such as merging the *Custodial Scope of Work (SoW)* and *Pest Management* categories and increasing the weight of the *Preventive Maintenance (PM)* and *Computerized Maint. Mgmt. System (incl. Equip. Data)* categories as mentioned on page 7.

⁷ Individual school reports are available upon request.

II. The Assessment: Fiscal Year 2023

B. Overview of FY 2023 Assessment Results

Table 1: Summary of Maintenance-Effectiveness Assessment Results

| LEA | LEA Characteristics in FY23 | | | FY23 Maintenance Assessment Results | | | | |
|-----------------|------------------------------|----------------------|---------------------------------|-------------------------------------|--------------------|--------------|-------------------|-------|
| | Total # of School Facilities | Total Square Footage | Average Adjusted Age of Schools | # of Schools Assessed | LEA Average Rating | | # of Deficiencies | |
| | | | | | LEA Average Rating | Adequacy | Major | Minor |
| TOTALS | 1370 | 142,108,765 | 31 | 172 | 70.57% | Adequate | 2 | 336 |
| Allegany | 22 | 1,749,398 | 36.3 | 3 | 70.30% | Adequate | 0 | 6 |
| Anne Arundel | 121 | 13,902,130 | 30.1 | 14 | 75.51% | Adequate | 0 | 3 |
| Baltimore City | 140 | 16,304,883 | 37.8 | 17 | 69.57% | Adequate | 2 | 40 |
| Baltimore Co | 166 | 16,900,318 | 33.5 | 17 | 74.03% | Adequate | 0 | 4 |
| Calvert | 25 | 2,456,795 | 25.2 | 3 | 72.22% | Adequate | 0 | 1 |
| Caroline | 10 | 877,773 | 23.5 | 3 | 67.68% | Not Adequate | 0 | 6 |
| Carroll | 40 | 4,266,203 | 31.7 | 5 | 67.13% | Not Adequate | 0 | 13 |
| Cecil | 29 | 2,267,203 | 29.4 | 4 | 73.91% | Adequate | 0 | 2 |
| Charles | 39 | 4,235,048 | 29.6 | 5 | 71.35% | Adequate | 0 | 5 |
| Dorchester | 14 | 970,840 | 31.3 | 3 | 71.90% | Adequate | 0 | 3 |
| Frederick | 67 | 6,784,025 | 28.1 | 8 | 76.93% | Adequate | 0 | 7 |
| Garrett | 13 | 741,671 | 35.0 | 3 | 70.40% | Adequate | 0 | 7 |
| Harford | 52 | 6,054,298 | 31.9 | 6 | 67.42% | Not Adequate | 0 | 17 |
| Howard | 76 | 8,250,880 | 21.6 | 10 | 72.20% | Adequate | 0 | 15 |
| Kent | 5 | 441,409 | 44.7 | 3 | 68.74% | Not Adequate | 0 | 7 |
| Montgomery | 210 | 25,147,251 | 25.9 | 22 | 72.42% | Adequate | 0 | 13 |
| Prince George's | 198 | 18,712,667 | 39.7 | 21 | 63.70% | Not Adequate | 0 | 130 |
| Queen Anne's | 14 | 1,302,658 | 22.0 | 3 | 70.49% | Adequate | 0 | 3 |
| St. Mary's | 27 | 2,300,101 | 26.6 | 4 | 63.91% | Not Adequate | 0 | 26 |
| Somerset | 10 | 671,356 | 22.3 | 3 | 62.87% | Not Adequate | 0 | 13 |
| Talbot | 8 | 700,971 | 18.1 | 3 | 71.96% | Adequate | 0 | 0 |
| Washington | 46 | 3,476,622 | 35.8 | 6 | 68.03% | Not Adequate | 0 | 13 |
| Wicomico | 24 | 2,283,618 | 28.7 | 3 | 73.76% | Adequate | 0 | 0 |
| Worcester | 14 | 1,310,647 | 27.0 | 3 | 71.28% | Adequate | 0 | 2 |

| | |
|--------------|------------|
| SUPERIOR | 90% - 100% |
| GOOD | 80% - 89% |
| ADEQUATE | 70% - 79% |
| NOT ADEQUATE | 60% - 69% |
| POOR | 0% - 59% |

Updated 7/5/2023

II. The Assessment: Fiscal Year 2023

B. Overview of FY 2023 Assessment Results

Table 2 summarizes the MEAs' overall rating results each fiscal year since the MEA was implemented in fiscal year 2021. More detailed information about the MEA results prior to fiscal year 2023 are available in previous annual reports provided on the [IAC's website](#).

Table 2: Maintenance-Effectiveness Assessment Results by Fiscal Year

| TABLE 2: MEA RESULTS FISCAL YEARS 2021-2023 | | | | | |
|--------------------------------------------------------------|----------------------|-----------------|---------------------|--------------|--------------|
| NUMBER OF MEAS PERFORMED WITH RATINGS AND PERCENTAGES | | | | | |
| Fiscal Year | Superior/Good | Adequate | Not Adequate | Poor | Total |
| 2021 | 63 | 131 | 72 | 2 | 268 |
| 2022 | 22 | 189 | 52 | 2 | 265 |
| 2023 | 4 | 106 | 57 | 5 | 172 |
| Total Ratings | 89 | 426 | 181 | 9 | 705 |
| Total Percentages | 12.62% | 60.43% | 25.67% | 1.28% | 100% |



Bester Elementary, Washington County



North Dorchester Middle, Dorchester County

II. The Assessment: Fiscal Year 2023

B. Overview of FY 2023 Assessment Results

- Following the 45-day remediation period after an MEA, two major deficiencies were still remaining, both pertaining to categories in the same facility. One deficiency was in the exterior structure and finishes category for posing a threat to the longevity of the building, and one concerned the fire and safety systems related to life/safety issues.
- Of the minor deficiencies assessed, 36.6% pertained to Site; 33.3% pertained to Building Equipment & Systems; 19.9% pertained to Building Interior; and 10.1% pertained to Building Exterior.

Table 3: Major and Minor Deficiencies by Category

| Category | | # of Major Deficiencies | # of Minor Deficiencies |
|---------------------------------------------------|--------------------------------------------------------------------|-------------------------|-------------------------|
| Site | Roadways, Parking Lots, & Walkways | 0 | 54 |
| | Grounds | 0 | 24 |
| | Positive Site Drainage Away from Structure(s) | 0 | 3 |
| | Playgrounds, Equipment, & Fields | 0 | 31 |
| | Relocatables & Additional Structures | 0 | 11 |
| | Site Subtotals | 0 | 123 |
| Building Exterior | Exterior Structure & Finishes | 1 | 13 |
| | Roof Drains, Gutters, & Downspouts | 0 | 3 |
| | Windows, Caulking, & Skylights | 0 | 5 |
| | Entryways & Exterior Doors | 0 | 9 |
| | Roofs, Flashing, and Gravel Stops | 0 | 4 |
| | Building Exterior Subtotals | 1 | 34 |
| Building Interior | Interior Doors, Walls, Partitions, & Finishes | 0 | 16 |
| | Floors | 0 | 6 |
| | Interior Cleanliness & Appearance (incl. of Equip. Rooms) | 0 | 14 |
| | Ceilings | 0 | 13 |
| | Interior Lighting | 0 | 18 |
| | Building Interior Subtotals | 0 | 67 |
| Building Equipment & Systems | HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters) | 0 | 13 |
| | Electrical Distribution & Service Equipment | 0 | 18 |
| | Boilers, Water Heaters, Steam, & Hot-water Distribution | 0 | 14 |
| | Plumbing Fixtures and Equipment | 0 | 17 |
| | Fire and Safety Systems & Utility Controls | 1 | 36 |
| | Conveyances | 0 | 14 |
| Building Equipment & Systems Subtotals | 1 | 112 | |
| Total | | 2 | 336 |

II. The Assessment: Fiscal Year 2023

B. Overview of FY 2023 Assessment Results

Fiscal Year 2023: Statewide Summary

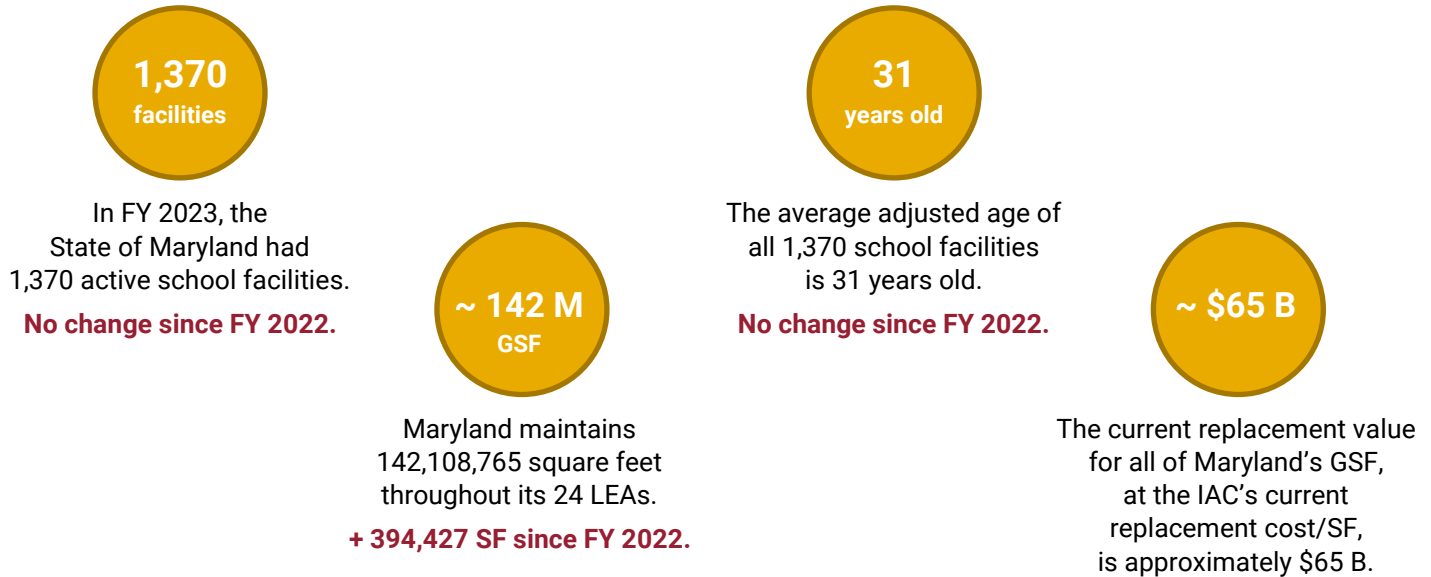
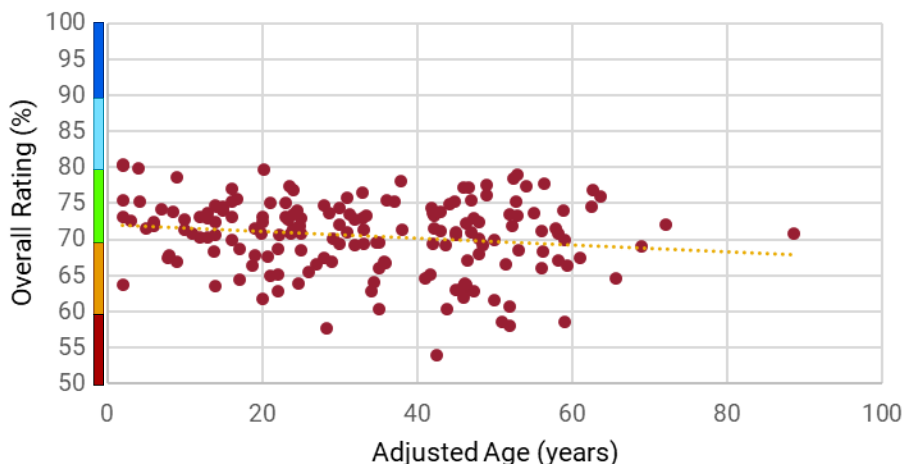


Figure 2: Overall Rating vs. Adjusted Age

The scatterplot below shows that, in general, the overall rating for a facility decreases as the adjusted age of the square footage increases. However, there is significant variation (as much as 20 to 30 percentage points) within each adjusted age range. As facilities and assets age, problems are more likely to arise. This requires LEAs to invest more time, money and staff resources to continue to keep their buildings running effectively and efficiently. As shown in the data, on average, aging facilities are less effectively maintained, which suggests that LEAs are under-resourcing their older facilities. Despite these challenges, it is the LEAs' responsibility to ensure all students and staff have an adequately maintained learning environment no matter the age of the facility. Creating and implementing a comprehensive PM plan and using a CMMS effectively will help with the TCO as the facility and its assets age. This approach will also guide the LEAs in properly maintaining all of their facilities, ensuring that the critical components reach or exceed their expected useful life, and allocate resources appropriately while remaining fiscally responsible.

Overall Rating vs. Adjusted Age



II. The Assessment: Fiscal Year 2023

B. Overview of FY 2023 Assessment Results

The following chart shows by building-system category the percentage of assessed school facilities that achieved passing ratings of Adequate or better and the percentage that achieved failing ratings of Not Adequate or Poor. Facilities are also counted as failing in a given category when the LEA achieved a rating of Adequate or higher but failed to remediate a minor or major deficiency that had been assessed in that category.

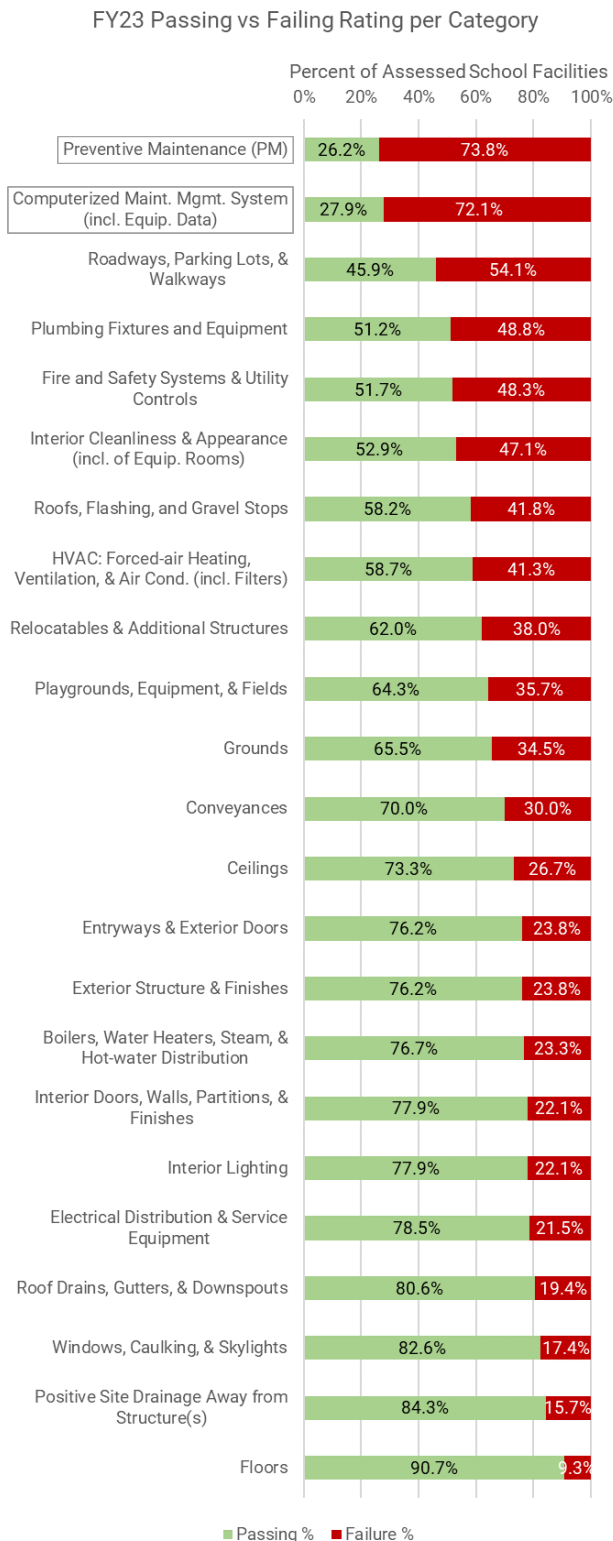


Figure 3: FY 2023 Passing vs. Failing Rating per Category

As not every facility contains the applicable assets to receive a rating for every building-system category, across the body of 172 school facilities assessed, only 3,438 ratings were assigned to the 21 building-system categories, of which 30.5% were a failing rating. This result shows that, within the facilities assessed during FY 2023, nearly a third of all building systems were not being maintained at a level likely to support achieving their full expected lifespans. In addition, there was an average of 1.97 categories with unremediated deficiencies per facility assessed.

Strengths

- ◆ The *Floors* category has the highest passing rating rate of any building-system category, as it has since the MEA was implemented in FY 2021. This category has the most Adequate ratings of any other category, but only two facilities earned a Superior rating, and two facilities earned a Good rating. This is likely because many LEAs do not include flooring in their PM schedules and therefore, are unable to earn higher than an Adequate rating regardless of the effectiveness of their PM efforts.
- ◆ The *Conveyances* and *Roof Drains, Gutters, & Downspouts* categories each earned the most Superior ratings of any other category. Both categories accrued 24 Superior ratings and 14 Good ratings. However, as many facilities do not have a conveyance to be rated, compared to the 170 facilities which received a rating in the *Roof Drains, Gutters, & Downspouts* category, only 100 facilities were rated in the *Conveyances* category. At a minimum, a Superior rating indicates that applicable assets are included in a facility's PM schedule, that those PM work orders are documented in the CMMS with evidence they are being performed effectively, and that no issues or concerns were noted during the day of assessment. In the case of conveyances, all DLLR certifications must also be up to date.

II. The Assessment: Fiscal Year 2023

B. Overview of FY 2023 Assessment Results

Weaknesses

- ◆ Both the *Fire and Safety Systems & Utility Controls* category and the *HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters)* category are the two most important and heavily weighted building-system categories assessed during the MEA. Each of these two categories includes an array of complex assets, many of which differ at each facility and have unique PM frequencies or require outsourced resources to perform maintenance.

While the *HVAC* category improved by 8.9% since last FY (the most of any category), of the 172 facilities assessed, 71 (approximately 41.3%) still received a failing rating. Five facilities also earned a Poor rating for their HVAC systems' maintenance, the most of any other category except for the *Playgrounds, Equipment, & Fields* category which tied for most Poor ratings. Only four LEAs – Cecil County, Charles County, Frederick County, and Wicomico County – earned a passing rating in this category for all of their assessed facilities.

The *Fire and Safety Systems & Utility Controls* category had the most facilities which received a rating above Adequate, with 44 facilities earning either a Superior or Good rating. However, following the *Roadways, Parking Lots, & Walkways* category, the *Fire and Safety Systems & Utility Controls* category had the most facilities with one or more deficiencies remaining after the 45-day remediation period ended. Of the 172 facilities assessed, 37 (approximately 21.5%) still had unremediated deficiencies, one of which was a major deficiency. Only Talbot County earned a passing rating in this category for all of their assessed facilities.

- ◆ The *Interior Cleanliness & Appearance (incl. of Equip. Rooms)* category had the most facilities that received a rating below Adequate in a building-system category, with 77 facilities earning either a Not Adequate or Poor rating. 47.1% of facilities received a failing rating this FY in this category, an increase of 16.4% from last FY. This increase is likely due to the consolidation of the two maintenance management categories, *Pest Management* and *Custodial Scope of Work (SoW)*. Interior pest management and custodial management activities are now included in *Interior Cleanliness*. Based on the IAC's observations of the LEAs' CMMS usage and PM schedules, many LEAs do not track custodial activities via CMMS, or one PM work order is created that encompasses multiple, diverse assets and activities which is not conducive to tracking the PM performed on individual assets and equipment. While pest management activities are included in a facility's PM schedule more often than custodial activities, the frequency that needed pest management takes place can vary from facility to facility and change depending on the time of year, as some pests can be more problematic due to location, surrounding landscapes, or weather conditions. While each LEA should have an IPM plan, most implementation is not a one-size-fits-all situation which can make pest management more difficult than other PM activities.
- ◆ The *Plumbing Fixtures and Equipment* category had the second highest number of facilities that received a rating below Adequate in a building-system category, with 74 facilities earning either a Not Adequate or Poor rating. 48.8% of facilities earned a failing rating this FY in this category, an increase of 15.6%. Many LEAs do not appear to incorporate PM activities for plumbing fixtures into their PM schedules, and some LEAs do not include their required backflow preventer inspections.
- ◆ Every LEA uses a CMMS to some degree, with a few LEAs still in the beginning stages of development and implementation, and a few LEAs with robust systems fully incorporated into their operations and culture. With shortages in money, resources, and time, it is imperative for all LEAs to implement an effective and fully functioning CMMS to auto-populate PM work orders, and track the maintenance and repair history as well as performance of individual assets over time, including fields for tracking labor hours, costs, and days each work order has aged to help identify causes of possible bottlenecks, streamline workflow processes, and establish predictable cost trends to support more efficient resource management.

ALLEGANY COUNTY

Total School Facilities Assessed in FY 2023: 3



Westmar Middle

Fiscal Year 2023: Key Facts

22 facilities

Allegany County has 22 active school facilities.
No change since FY 2022.

36.3 years old

The average adjusted age of all 22 school facilities is 36.3 years old.
+ 1 year since FY 2022.

> 1.7 M GSF

Allegany County maintains 1,749,398 SF throughout its 22 school facilities. It has the 16th greatest amount of SF of LEAs in MD.

No change since FY 2022.

~ \$0.8 B

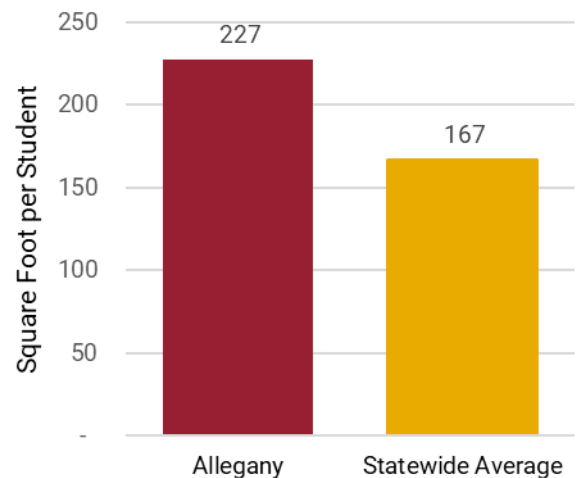
The current replacement value for Allegany County's GSF, at the IAC's current replacement cost/SF, is approximately \$0.8 B.

70.30% (Adequate) = Average Overall Rating for FY 2023
+ 4.55% since FY 22

FY 2023 Overall Rating Results by School Type

| | Elementary | Middle | High | |
|--------------|------------|--------|------|---|
| Superior | | | | |
| Good | | | | |
| Adequate | 2 | | | 2 |
| Not Adequate | | 1 | | 1 |
| Poor | | | | |
| Totals | 2 | 1 | | 3 |

Average Square Foot per Student

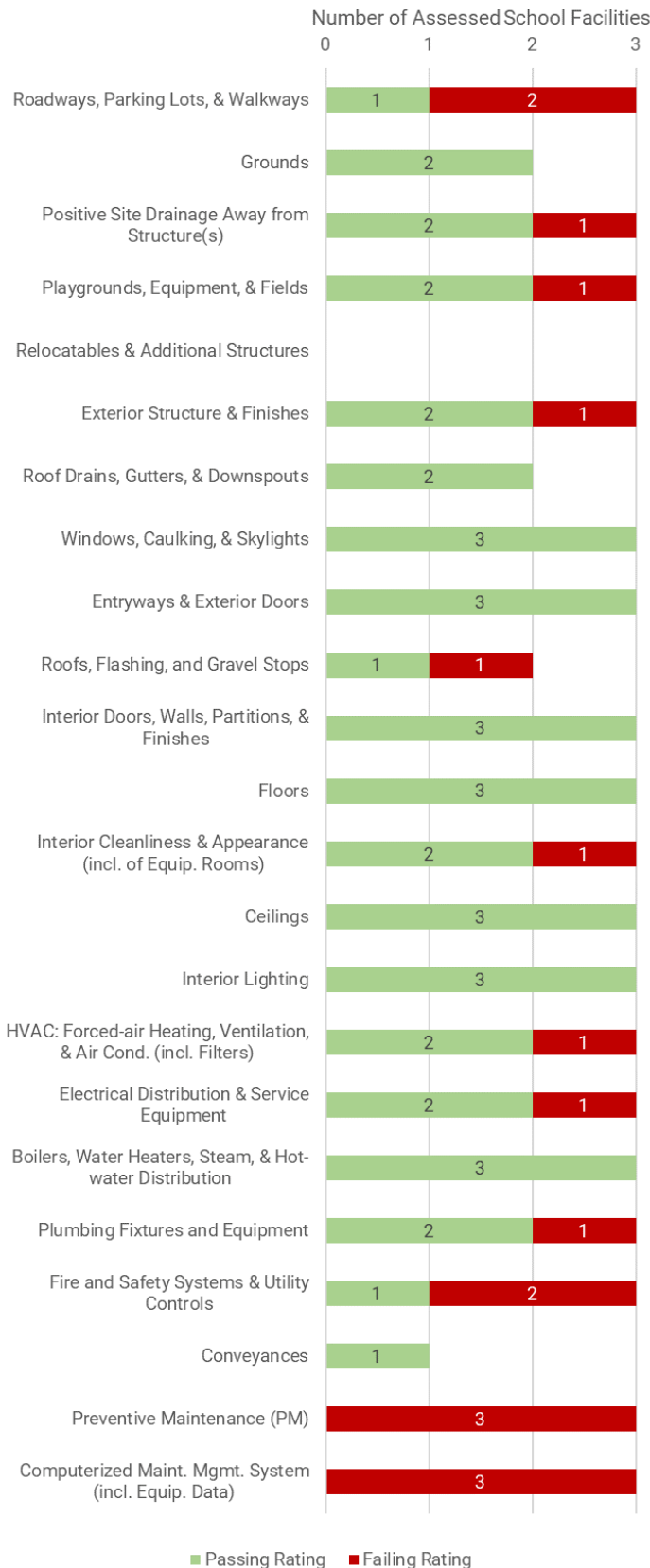


FY 2023 Results: Summary of School Ratings

| School Name | School Type | Square Footage | Adjusted Age | Overall Rating | Rating of Individual Categories (does not include items not rated) | | | | | Deficiencies | |
|----------------------------------------|-------------|----------------|--------------|----------------|--------------------------------------------------------------------|----------|-----------|--------------|----------|--------------|----------|
| | | | | | Superior | Good | Adequate | Not Adequate | Poor | Major | Minor |
| 1. Westmar Middle (01.014) | Middle | 125,649 | 28 | Not Adequate | 1 | 0 | 12 | 9 | 0 | 0 | 3 |
| 2. West Side Elementary (01.017) | Elementary | 49,300 | 46 | Adequate | 1 | 2 | 15 | 3 | 0 | 0 | 2 |
| 3. Frost Elementary (01.029) | Elementary | 36,864 | 56 | Adequate | 0 | 0 | 15 | 3 | 0 | 0 | 1 |
| Totals | | | | | 2 | 2 | 42 | 15 | 0 | 0 | 6 |
| Percentage of Total Ratings for System | | | | | 3% | 3% | 69% | 25% | 0% | | |

FY 2023 Results: Assessment Findings by Category

FY23 Passing vs Failing Rating per Category



Strengths



Most lighting fixtures were observed functioning properly, and two facilities had no issues or concerns with lighting fixtures in student-occupied areas.

No operational issues or concerns were observed with the exterior doors at two facilities, and no issues were noted with any interior fire doors at any of the assessed facilities.



The windows at all three facilities appeared to be maintained and functioned as intended. All three facilities received an Adequate rating in the Windows, Caulking, & Skylights category.

The roof drains were observed free of debris and functioning as intended. Roof drains are evaluated annually during the routine roof inspection.



Weaknesses

No corrective action work orders were created in the CMMS to address and track remediation of any issues or deficiencies noted in the fire alarm inspection reports at two facilities. Fire and safety systems were not identified in the



PM schedules for the assessed facilities. Multiple emergency exit signs and emergency lights did not operate properly at one facility.

Many essential assets were not identified in the PM schedules for the assessed facilities, such as fire and safety systems, plumbing, and DLLR-regulated equipment. All or most of the HVAC equipment was missing from the PM schedules for two facilities, and all three facilities were noted with dirty filters. The asset list for each facility included few, if any, essential assets; most of items identified in the asset lists were rooms or places.



Roadways, parking lots, and walkways were not identified in the PM schedules for the assessed facilities.



Cracked and deteriorated roadways and parking lots were observed at two facilities as well as trip hazards due to uneven walkway surfaces. Ponding water was noted in the parking lot at one facility.

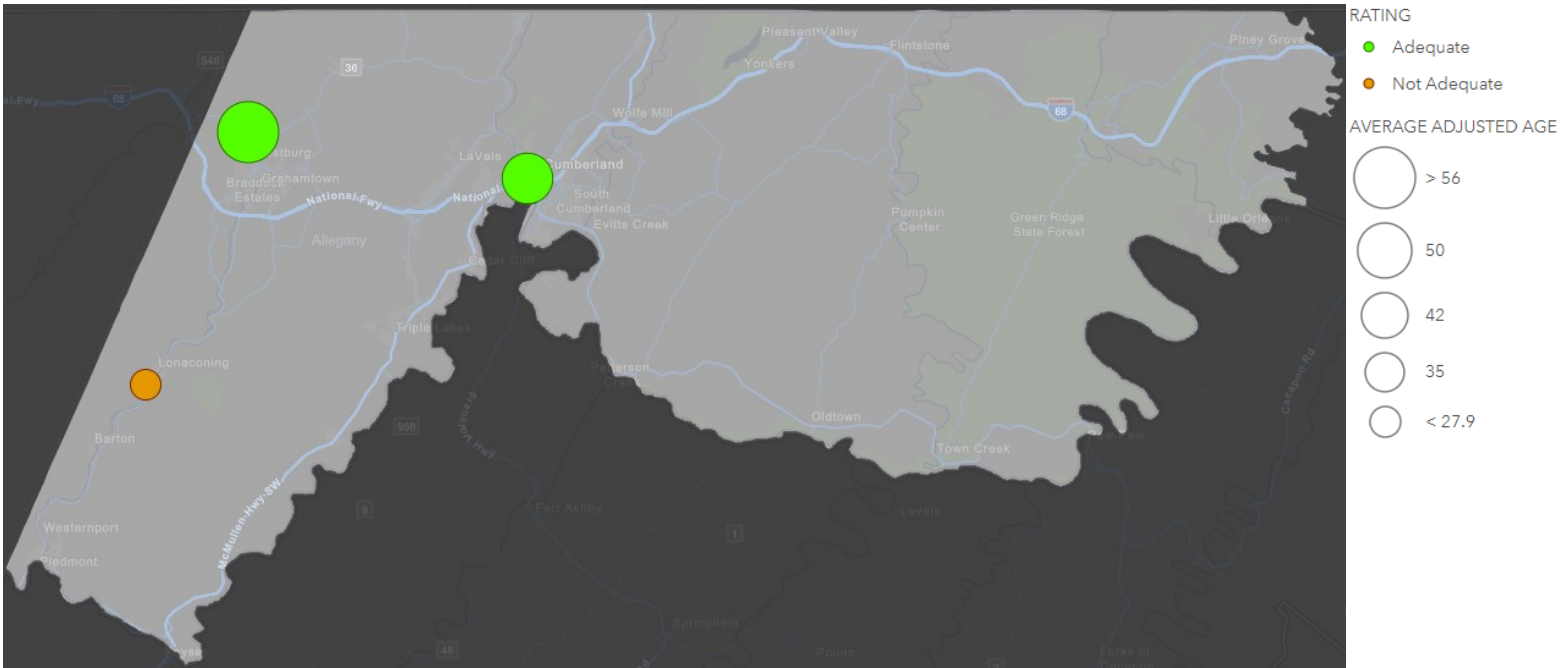


Multiple sinks at two facilities were noted with operational issues as well as leaks at multiple toilets and/or urinals. Plumbing fixtures and equipment were not identified in the PM schedules for the assessed facilities.

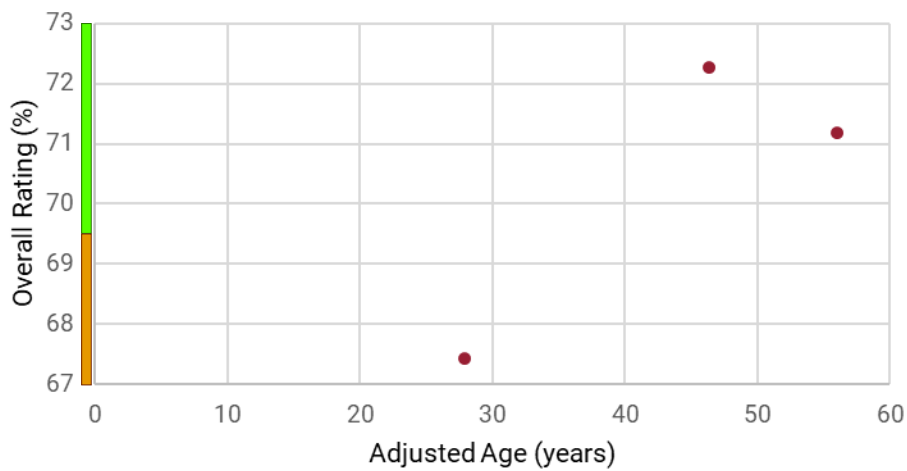
FY 2023 Results: Summary of Deficiencies by Category

| Category | | # of Major Deficiencies | # of Minor Deficiencies |
|------------------------------|--------------------------------------------------------------------|-------------------------|-------------------------|
| Site | Roadways, Parking Lots, & Walkways | 0 | 2 |
| | Grounds | 0 | 0 |
| | Positive Site Drainage Away from Structure(s) | 0 | 0 |
| | Playgrounds, Equipment, & Fields | 0 | 1 |
| | Relocatables & Additional Structures | 0 | 0 |
| Building Exterior | Exterior Structure & Finishes | 0 | 0 |
| | Roof Drains, Gutters, & Downspouts | 0 | 0 |
| | Windows, Caulking, & Skylights | 0 | 0 |
| | Entryways & Exterior Doors | 0 | 0 |
| | Roofs, Flashing, and Gravel Stops | 0 | 0 |
| Building Interior | Interior Doors, Walls, Partitions, & Finishes | 0 | 0 |
| | Floors | 0 | 0 |
| | Interior Cleanliness & Appearance (incl. of Equip. Rooms) | 0 | 0 |
| | Ceilings | 0 | 0 |
| | Interior Lighting | 0 | 0 |
| Building Equipment & Systems | HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters) | 0 | 0 |
| | Electrical Distribution & Service Equipment | 0 | 1 |
| | Boilers, Water Heaters, Steam, & Hot-water Distribution | 0 | 0 |
| | Plumbing Fixtures and Equipment | 0 | 0 |
| | Fire and Safety Systems & Utility Controls | 0 | 2 |
| | Conveyances | 0 | 0 |
| Total | | 0 | 6 |

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Expand the asset list for each facility to encompass all essential and non-essential assets to store and manage asset-specific data (such as asset name, purchase date, purchase price, expected life span, model number, serial number, asset tag number or unique identification, type of asset, location, and any other relevant details), and use the CMMS to track the maintenance and repair history as well as performance of each asset over time.
- All essential assets should have auto-populating PM work orders created in the CMMS. These work orders should be scheduled to ensure the activities occur at industry-standard frequencies and within a reasonable timeframe of the expected completion.
- A field should be created in the CMMS to track the days each work order has aged to help identify causes of possible bottlenecks and streamline workflow processes. Fields should also be set up to track labor hours and costs to assist in establishing predictable cost trends and support more efficient resource management.
- Implementing quality control procedures is recommended to ensure PM work orders are being completed effectively and the actions taken to complete the work are recorded accurately.
- Corrective work orders should be created in the CMMS immediately following any inspection where deficiencies or issues are noted and identified as inspection deficiencies. This will help identify trends and common issues in order to better proactively maintain areas.
- Roadways and parking lots should be added to the PM schedule. Consider applying sealants to asphalt parking lots and roadways to slow deterioration until such assets can be resurfaced.
- PM activities for fire and safety systems, HVAC equipment, plumbing fixtures and equipment, and DLLR-regulated equipment should be added to each facility's PM schedule to help extend the useful life of the existing surfaces and assets, prevent hazardous conditions, and avoid premature capital replacement projects.
- All fire and safety systems and components should have PM activities scheduled at the appropriate frequencies and tracked using the CMMS. Depending on what is installed at each facility, the PM schedule may include PM activities for fire extinguishers, battery-operated emergency lights and exit features, fire doors, kitchen hood suppression, smoke evacuation dampers, and stairwell pressurization fans.

ANNE ARUNDEL COUNTY

Total School Facilities Assessed in FY 2023: 14

Ferndale EEC

Fiscal Year 2023: Key Facts

121
facilities

Anne Arundel County has 121 active school facilities.
No change since FY 2022.

30.1
years old

The average adjusted age of all 121 school facilities is 30.1 years old.
+ 1 year since FY 2022.

~ 13.9 M
GSF

Anne Arundel County maintains 13,902,130 SF throughout its 121 school facilities. It has the 5th greatest amount of SF of LEAs in MD.

+ 18,406 SF since FY 2022.

> \$6.3 B

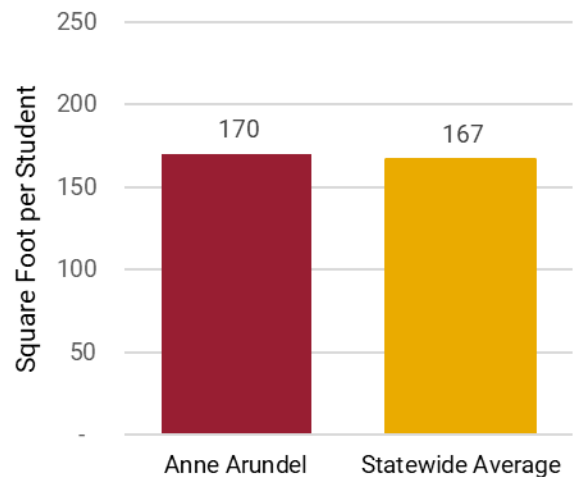
The current replacement value for Anne Arundel County's GSF, at the IAC's current replacement cost/SF, is greater than \$6.3 B.

75.51% (Adequate) = Average Overall Rating for FY 2023
+ 0.18% since FY 22

FY 2023 Overall Rating Results by School Type

| | Alternate | Environmental Ed. | Elementary | Middle | High | |
|--------------|-----------|-------------------|------------|--------|------|----|
| Superior | | | | | | |
| Good | | | | | | |
| Adequate | 1 | 1 | 8 | 3 | 1 | 14 |
| Not Adequate | | | | | | |
| Poor | | | | | | |
| Totals | 1 | 1 | 8 | 3 | 1 | 14 |

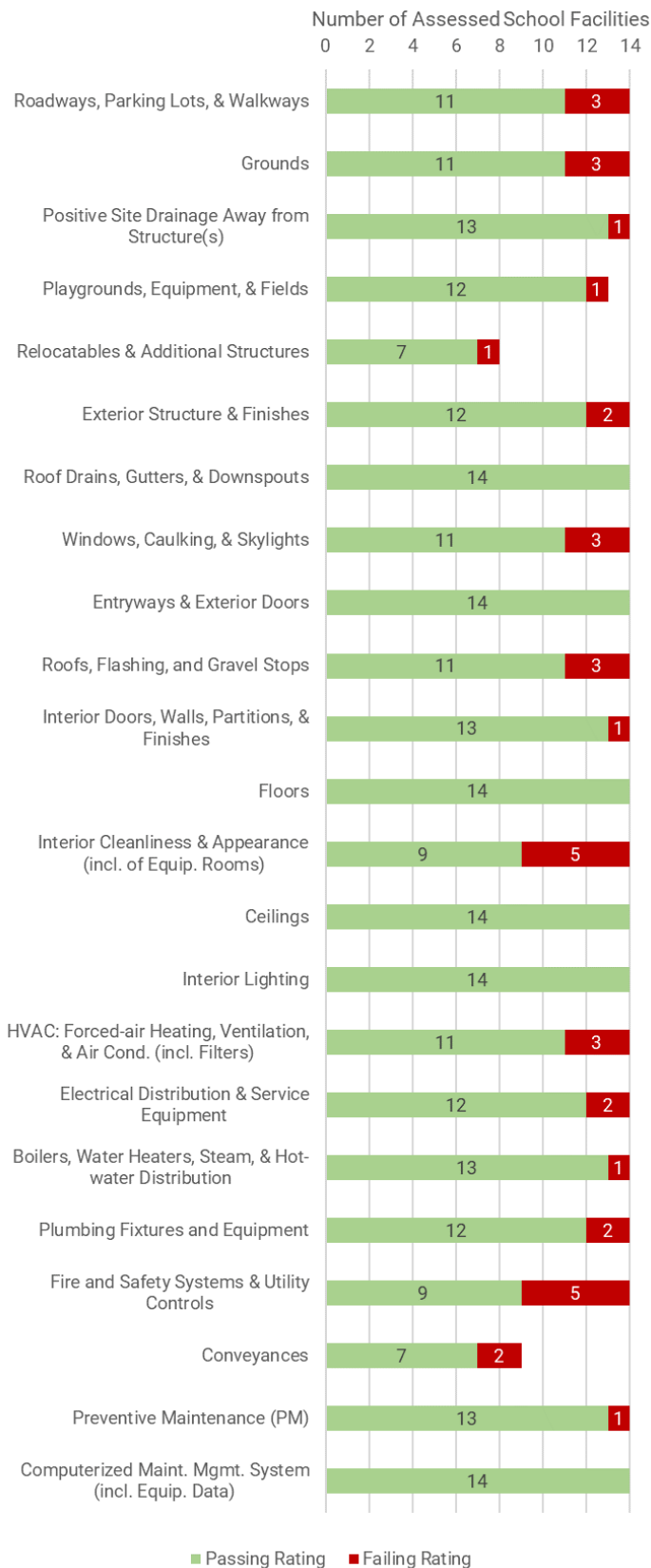
Average Square Foot per Student



| School Name | School Type | Square Footage | Adjusted Age | Overall Rating | Rating of Individual Categories (does not include items not rated) | | | | | Deficiencies | |
|----------------------------------------------|-------------------|----------------|--------------|----------------|--------------------------------------------------------------------|-----------|------------|--------------|----------|--------------|----------|
| | | | | | Superior | Good | Adequate | Not Adequate | Poor | Major | Minor |
| 1. Fort Smallwood Elementary (02.031) | Elementary | 64,907 | 36 | Adequate | 1 | 2 | 17 | 2 | 0 | 0 | 0 |
| 2. Belvedere Elementary (02.056) | Elementary | 68,476 | 24 | Adequate | 1 | 3 | 18 | 1 | 0 | 0 | 1 |
| 3. Arundel Middle (02.057) | Middle | 162,322 | 53 | Adequate | 2 | 3 | 18 | 0 | 0 | 0 | 0 |
| 4. Marley Middle (02.059) | Middle | 154,293 | 16 | Adequate | 1 | 0 | 17 | 4 | 0 | 0 | 0 |
| 5. Southern High (02.068) | High | 226,206 | 52 | Adequate | 1 | 7 | 14 | 1 | 0 | 0 | 0 |
| 6. Pasadena Elementary (02.070) | Elementary | 68,023 | 14 | Adequate | 0 | 2 | 16 | 4 | 0 | 0 | 0 |
| 7. Marley Elementary (02.079) | Elementary | 81,934 | 16 | Adequate | 1 | 0 | 20 | 2 | 0 | 0 | 0 |
| 8. Phoenix Academy (02.083) | Alternate | 71,110 | 10 | Adequate | 1 | 1 | 14 | 6 | 0 | 0 | 1 |
| 9. Hillsmere Elementary (02.084) | Elementary | 45,885 | 55 | Adequate | 1 | 0 | 12 | 9 | 0 | 0 | 0 |
| 10. Brooklyn Park Elementary (02.085) | Elementary | 74,540 | 30 | Adequate | 0 | 2 | 18 | 2 | 0 | 0 | 0 |
| 11. Severna Park Middle (02.089) | Middle | 205,905 | 12 | Adequate | 1 | 1 | 18 | 3 | 0 | 0 | 1 |
| 12. Jacobsville Elementary (02.091) | Elementary | 73,193 | 24 | Adequate | 0 | 6 | 14 | 1 | 0 | 0 | 0 |
| 13. Arlington Echo Education Center (02.122) | Environmental Ed. | 10,509 | 54 | Adequate | 1 | 3 | 16 | 1 | 0 | 0 | 0 |
| 14. Ferndale EEC (02.124) | Elementary | 24,076 | 17 | Adequate | 1 | 1 | 18 | 1 | 0 | 0 | 0 |
| Totals | | | | | 12 | 31 | 230 | 37 | 0 | 0 | 3 |
| Percentage of Total Ratings for System | | | | | 4% | 10% | 74% | 12% | 0% | | |

FY 2023 Results: Assessment Findings by Category

FY23 Passing vs Failing Rating per Category



Strengths



Roof drains, gutters, and downspouts are evaluated annually during the routine roof inspection. Roof inspections were identified in the PM schedules for the assessed facilities.

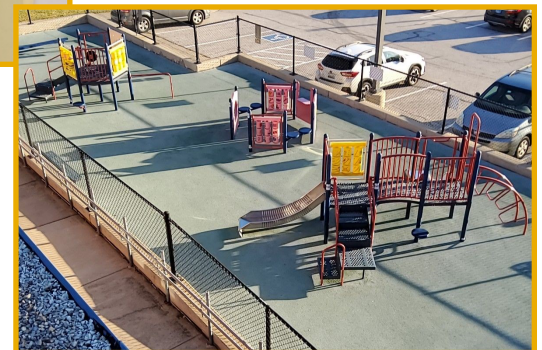
All exterior doors operated properly at 10 of the assessed facilities. Emergency exit doors and pathways are included in an annual environmental services inspection listed in the PM schedules at 12 of the assessed facilities.



Conveyances were identified in the PM schedules at the applicable facilities. No issues or concerns were observed with the chairlifts or elevators at four facilities. These same four facilities all earned a Superior rating in the Conveyances category.



Several different play areas and equipment were identified in the PM schedules for the applicable facilities, such as tennis courts, athletic and turf fields, indoor and outdoor bleachers, playgrounds, and gymnasium curtains.



Weaknesses

The kitchen walk-in equipment was not identified in the PM schedules for the assessed facilities. This equipment was noted with dirty coils at four facilities. Three facilities received a Not Adequate rating in the HVAC category.



Improper or unsafe storage practices were identified at 10 facilities, which in some instances were blocking egress routes or equipment. Five facilities received a Not Adequate rating in the Interior Cleanliness & Appearance (incl. of Equip. Rooms) category. The custodial scope of work identifies area-specific custodial tasks and frequencies but these activities are not tracked using the CMMS.



Roadways, parking lots, and walkways were not identified in the PM schedules for 13 of the assessed facilities. Uneven walkway surfaces were noted at five facilities as potential trip hazards. Five facilities were observed with cracked walkways.

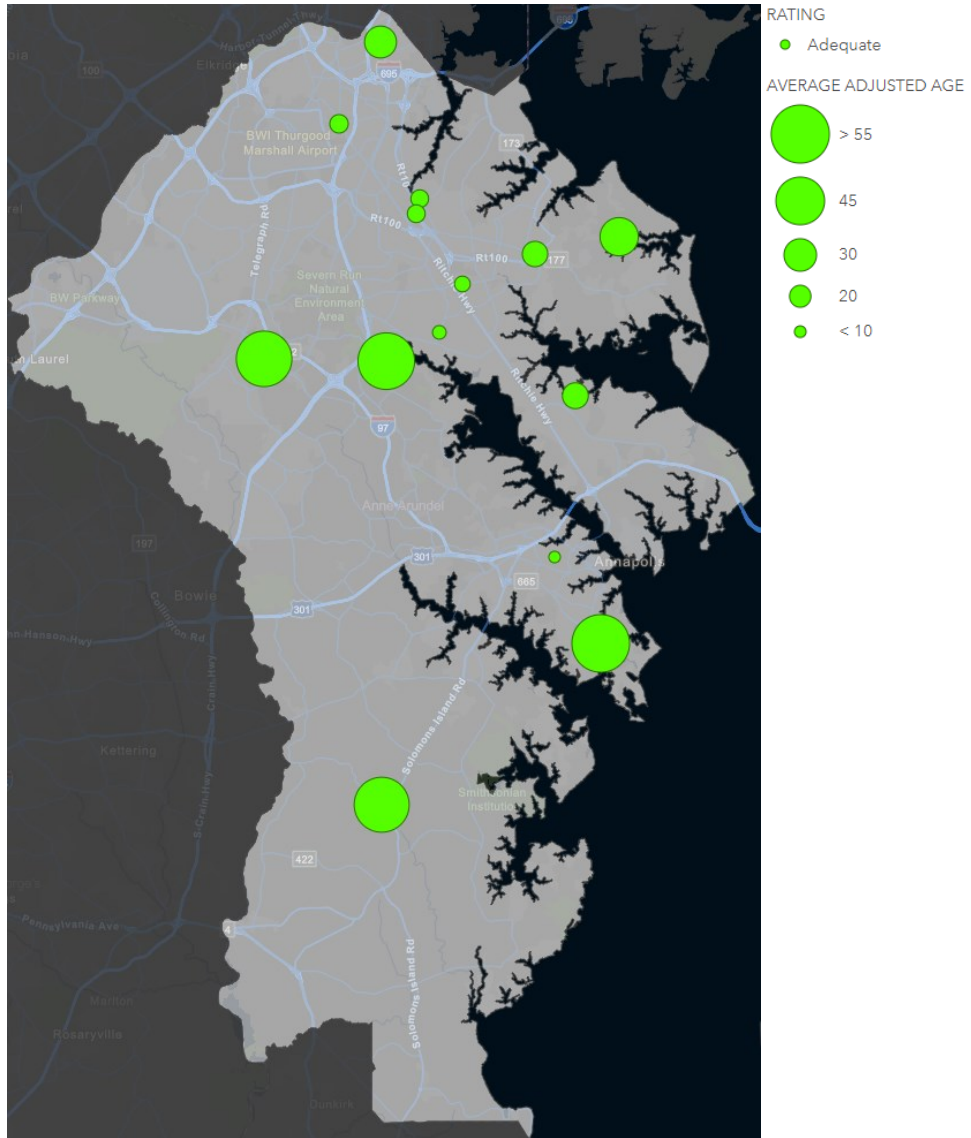


Potential safety issues were noted at seven facilities due to inoperable emergency lights, emergency exit signs, and/or eyewash stations.

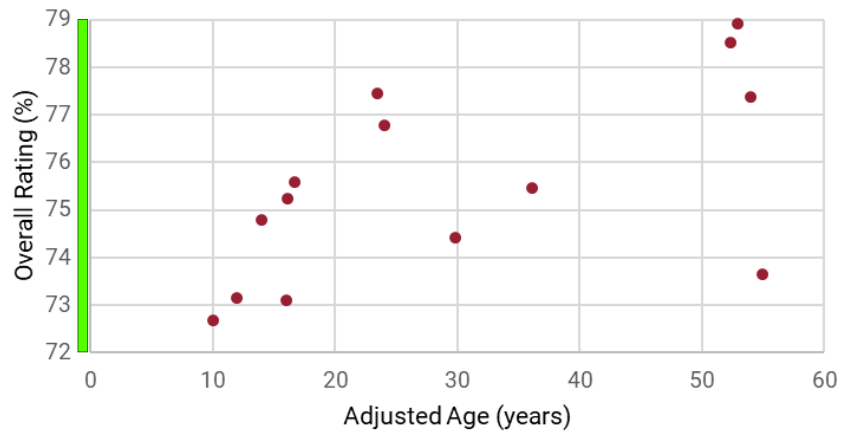
FY 2023 Results: Summary of Deficiencies by Category

| Category | | # of Major Deficiencies | # of Minor Deficiencies |
|------------------------------|--------------------------------------------------------------------|-------------------------|-------------------------|
| Site | Roadways, Parking Lots, & Walkways | 0 | 0 |
| | Grounds | 0 | 0 |
| | Positive Site Drainage Away from Structure(s) | 0 | 0 |
| | Playgrounds, Equipment, & Fields | 0 | 0 |
| | Relocatables & Additional Structures | 0 | 0 |
| Building Exterior | Exterior Structure & Finishes | 0 | 0 |
| | Roof Drains, Gutters, & Downspouts | 0 | 0 |
| | Windows, Caulking, & Skylights | 0 | 0 |
| | Entryways & Exterior Doors | 0 | 0 |
| | Roofs, Flashing, and Gravel Stops | 0 | 0 |
| Building Interior | Interior Doors, Walls, Partitions, & Finishes | 0 | 0 |
| | Floors | 0 | 0 |
| | Interior Cleanliness & Appearance (incl. of Equip. Rooms) | 0 | 0 |
| | Ceilings | 0 | 0 |
| | Interior Lighting | 0 | 0 |
| Building Equipment & Systems | HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters) | 0 | 0 |
| | Electrical Distribution & Service Equipment | 0 | 1 |
| | Boilers, Water Heaters, Steam, & Hot-water Distribution | 0 | 0 |
| | Plumbing Fixtures and Equipment | 0 | 0 |
| | Fire and Safety Systems & Utility Controls | 0 | 1 |
| | Conveyances | 0 | 1 |
| Total | | 0 | 3 |

Overall Rating vs Adjusted Building Age



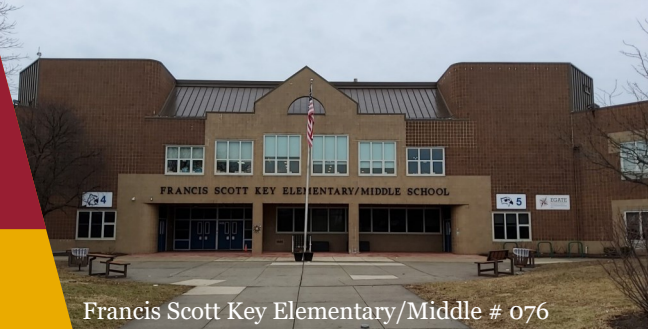
Overall Rating vs. Adjusted Age



- The environmental service and operations assessments Anne Arundel County Public Schools (AACPS) conducts to perform PM work encompass multiple assets and PM work under one PM work order. PM work orders should generate automatically in the CMMS for each asset tag rather than for a group of asset tags so PM and follow-up corrective work orders can be more easily tracked for individual equipment.
- All site-specific PM schedules should have the remainder of essential and applicable non-essential assets added and auto-populating PM work orders created to address all maintainable features of equipment and systems at industry-standard frequencies.
- Roadways and parking lots should be added to the PM schedule. Consider applying sealants to asphalt parking lots and roadways to slow deterioration until such assets can be resurfaced.
- Additional PM checks and/or additional oversight are recommended to ensure the HVAC systems receive the necessary amount of PM work at the appropriate frequency to remain functional and efficient.
- Training for custodial staff should be enhanced or refreshed with an emphasis on safety requirements, including clearances around equipment and blockage of egress points. The CMMS could be used to track some or all custodial responsibilities in order to establish and ensure accountability.
- Safety issues, such as trip hazards and non-functional eyewash stations, should be reported and addressed immediately.

BALTIMORE CITY

Total School Facilities Assessed in FY 2023: 17



Francis Scott Key Elementary/Middle # 076

Fiscal Year 2023: Key Facts

140 facilities

Baltimore City has 140 active school facilities.
- 1 facility since FY 2022.

37.8 years old

The average adjusted age of all 140 school facilities is 37.8 years old.
+ 0.7 since FY 2022.

~ 16.3 M GSF

Baltimore City maintains 16,304,883 SF throughout its 140 school facilities. It has the 4th greatest amount of SF of LEAs in MD.

+ 53,297 SF since FY 2022.

> \$7.4 B

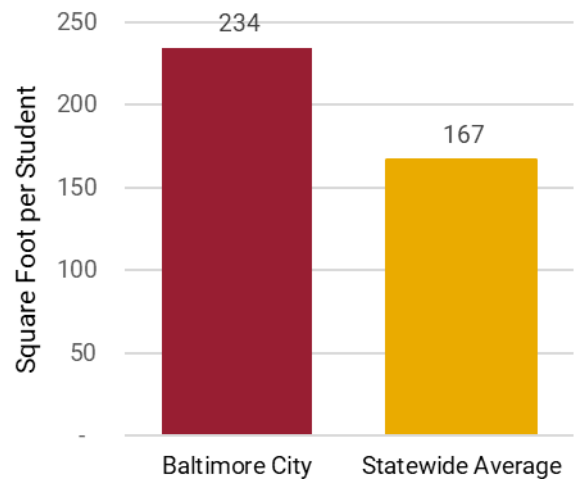
The current replacement value for Baltimore City's GSF, at the IAC's current replacement cost/SF, is greater than \$7.4 B.

69.57% (Adequate) = Average Overall Rating for FY 2023
- 4.37% since FY 22

FY 2023 Overall Rating Results by School Type

| | Elementary | Elementary/Middle | PreK-8 | Middle/High | High | Science | |
|--------------|------------|-------------------|--------|-------------|------|---------|----|
| Superior | | | | | | | |
| Good | 1 | | | | | | 1 |
| Adequate | 3 | | 2 | 1 | 1 | | 7 |
| Not Adequate | 1 | 2 | 4 | | 1 | 1 | 9 |
| Poor | | | | | | | |
| Totals | 5 | 2 | 6 | 1 | 2 | 1 | 17 |

Average Square Foot per Student



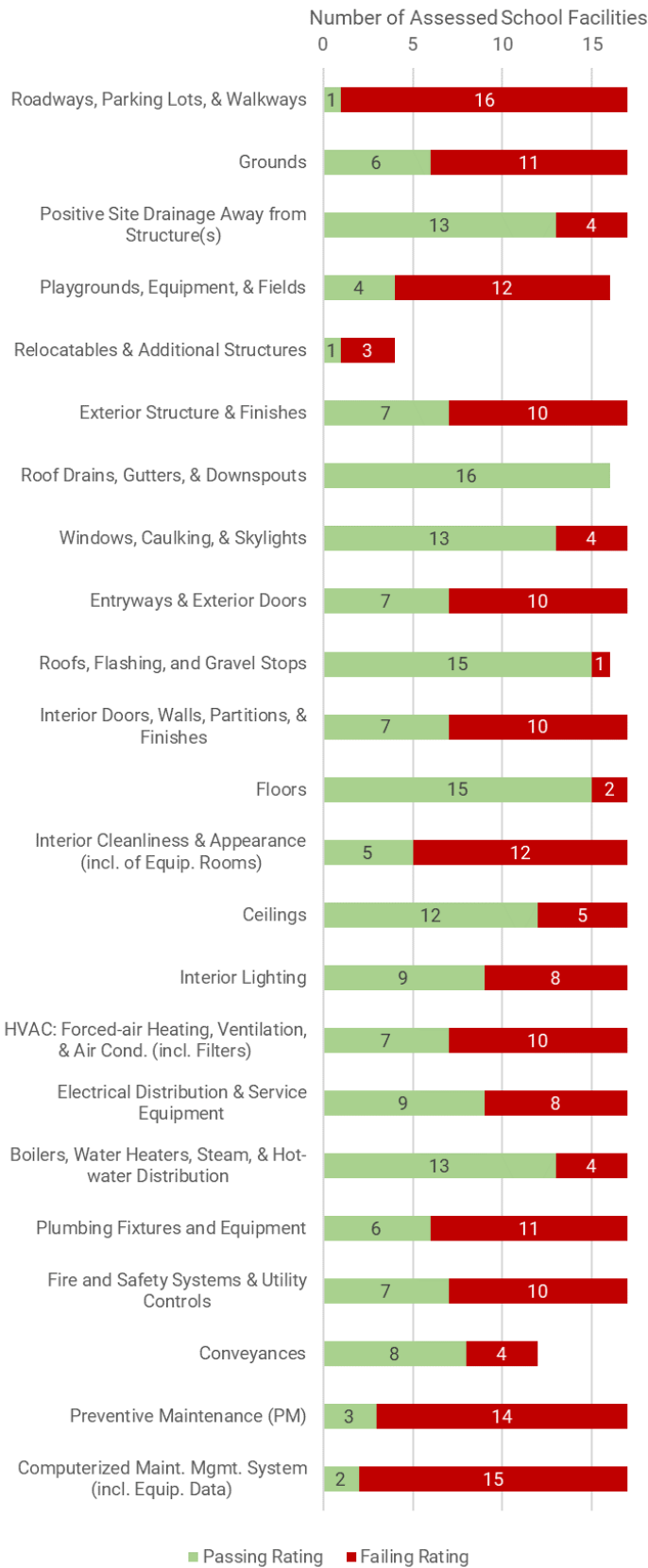
BALTIMORE CITY

FY 2023 Results: Summary of School Ratings

| School Name | School Type | Square Footage | Adjusted Age | Overall Rating | Rating of Individual Categories (does not include items not rated) | | | | | Deficiencies | |
|---------------------------------------------------------------------------|-------------------|----------------|--------------|----------------|--------------------------------------------------------------------|-----------|------------|--------------|-----------|--------------|-----------|
| | | | | | Superior | Good | Adequate | Not Adequate | Poor | Major | Minor |
| 1. Federal Hill Prep PK-5 # 045 (30.023) | Elementary | 70,385 | 48 | Adequate | 3 | 0 | 11 | 8 | 0 | 0 | 2 |
| 2. William H. Lemmel Building #079 (30.040) | Middle/High | 213,358 | 63 | Adequate | 1 | 3 | 16 | 3 | 0 | 0 | 0 |
| 3. Moravia Park Building #105A (30.057) | Elementary | 89,000 | 50 | Adequate | 2 | 1 | 7 | 11 | 0 | 0 | 3 |
| 4. John Ruhrah PK-8 #228 (30.086) | PreK-8 | 143,613 | 2 | Not Adequate | 0 | 0 | 9 | 13 | 0 | 0 | 6 |
| 5. Roland Park Elementary/Middle # 233 (30.092) | PreK-8 | 180,600 | 35 | Not Adequate | 2 | 1 | 5 | 11 | 3 | 2 | 4 |
| 6. Baltimore City College # 480 (30.110) | High | 296,380 | 89 | Adequate | 2 | 3 | 7 | 9 | 1 | 0 | 3 |
| 7. Tench Tilghman PK-8 # 013 (30.144) | PreK-8 | 56,875 | 44 | Adequate | 3 | 2 | 7 | 10 | 0 | 0 | 2 |
| 8. Francis Scott Key Elementary/Middle # 076 (30.181) | Elementary/Middle | 99,791 | 33 | Not Adequate | 1 | 2 | 4 | 15 | 0 | 0 | 1 |
| 9. Garrett Heights PK-8 # 212 (30.210) | PreK-8 | 67,653 | 34 | Not Adequate | 0 | 1 | 8 | 13 | 1 | 0 | 5 |
| 10. Harbor City Building - West #413 (30.213) | High | 64,153 | 22 | Not Adequate | 1 | 2 | 11 | 8 | 0 | 0 | 4 |
| 11. Mary A. Winterling Elementary (formerly Bentalou Elementary) (30.225) | Elementary | 86,483 | 58 | Not Adequate | 0 | 0 | 10 | 9 | 2 | 0 | 1 |
| 12. Franklin Square # 095 (30.243) | PreK-8 | 71,937 | 59 | Adequate | 1 | 1 | 10 | 10 | 0 | 0 | 2 |
| 13. Cecil Elementary # 007 (30.250) | Elementary | 71,045 | 23 | Adequate | 1 | 5 | 9 | 7 | 0 | 0 | 1 |
| 14. Dickey Hill PK-8 # 201 (30.255) | PreK-8 | 80,734 | 56 | Not Adequate | 0 | 0 | 9 | 11 | 1 | 0 | 3 |
| 15. Medfield Heights Elementary # 249 (30.258) | Elementary | 79,690 | 2 | Good | 5 | 5 | 11 | 1 | 0 | 0 | 1 |
| 16. Barclay PK-8 # 054 (30.260) | Elementary/Middle | 69,650 | 59 | Not Adequate | 1 | 1 | 5 | 13 | 0 | 0 | 2 |
| 17. Bragg Nature Study Center (30.276) | Science | 22,659 | 69 | Not Adequate | 0 | 1 | 8 | 12 | 0 | 0 | 0 |
| Totals | | | | | 23 | 28 | 147 | 164 | 8 | 2 | 40 |
| Percentage of Total Ratings for System | | | | | 6% | 8% | 40% | 44% | 2% | | |

FY 2023 Results: Assessment Findings by Category

FY23 Passing vs Failing Rating per Category

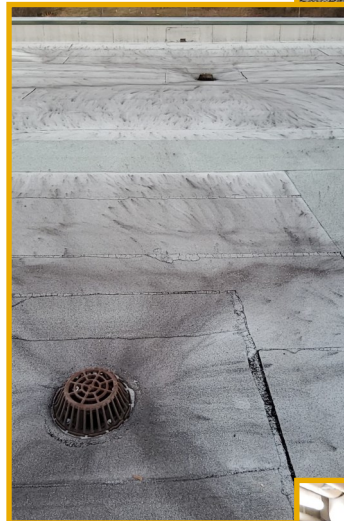


Strengths



Roof inspections were included in the PM work orders and PM schedule at every facility assessed. Roofs, Flashing, and Gravel Stops has been identified as a strength for 3 years in a row.

One facility earned a Superior rating in the Floors category, and two facilities received a Good rating. Floor inspections are included in the LEA's repair blitz assessment, and the Custodial Operations document identifies various floor cleaning activities.



No issues were noted in the Roof Drains, Gutters, & Downspouts category for 11 facilities which all earned a Superior rating. Roof drains, gutters, and downspouts are evaluated during the routine roof inspection.



12 facilities were noted with current DLLR certificates for their applicable boilers, storage tanks, and/or water heaters.

Weaknesses

Overgrown vegetation was observed at 15 facilities; at 11 of those facilities, the vegetation was in contact with or growing against building surfaces.



Vegetation maintenance is included in the LEA's grounds assessment, which is identified as a weekly PM in the PM schedule at each facility.

Damaged, deteriorated, and/or uneven walkways were observed at 15 facilities.



Trip hazards were identified at 13 facilities due to uneven surfaces in walking areas.

Sidewalk inspections are included in the LEA's repair blitz assessment, which is identified as a weekly PM in the PM schedule at each facility.



Playground and play equipment inspections are included in the LEA's grounds assessment; damaged playgrounds and/or play equipment were identified at 10 facilities. No playground inspection reports were provided in the required pre-assessment documentation for the 13 applicable facilities.

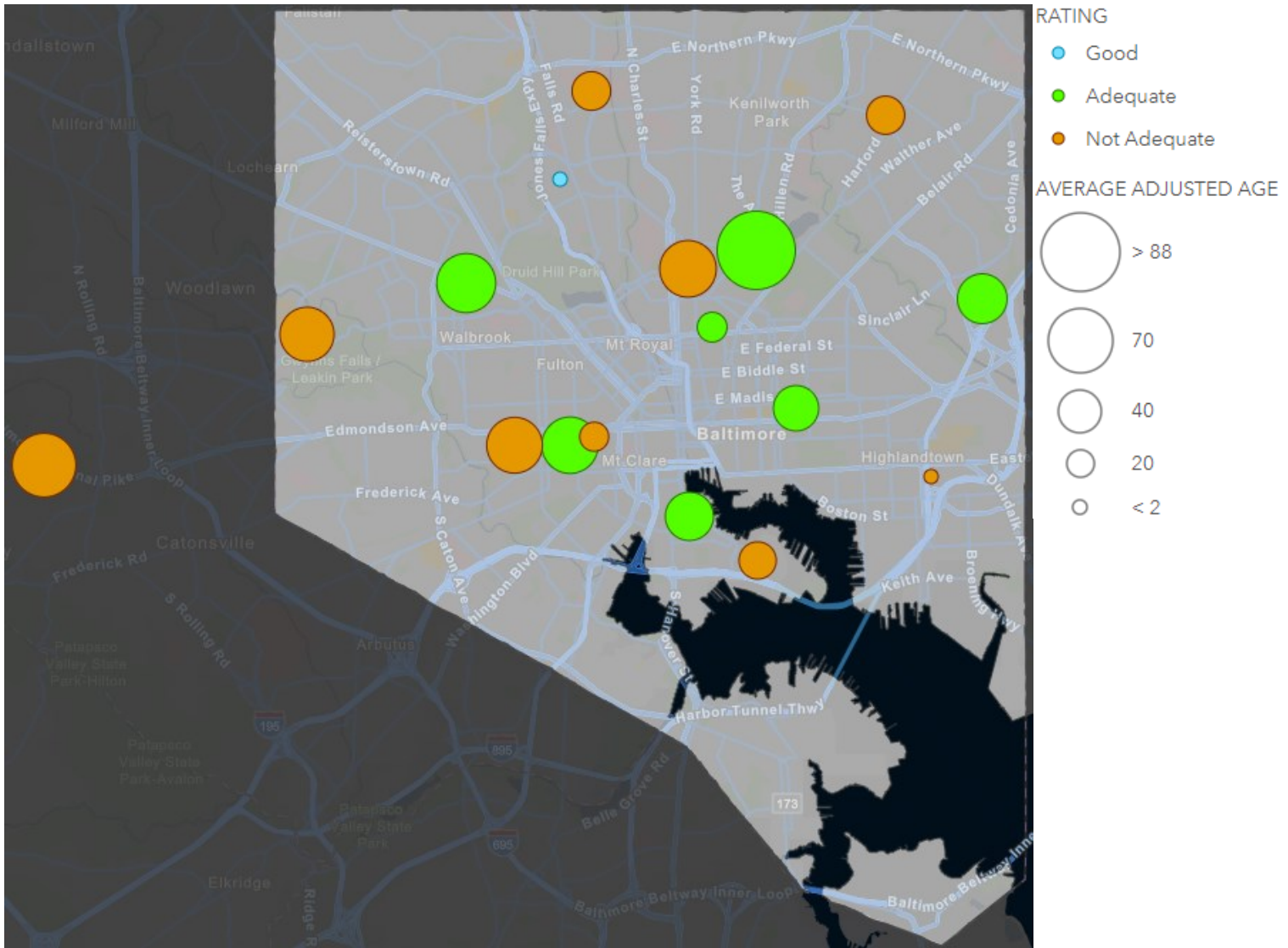


Various cleaning activities are identified in the Custodial Operations document, including weekly high dusting and monthly dusting of the ceiling areas and light fixtures; dirty ceilings, light lenses, and/or HVAC vent covers were noted at 13 facilities.

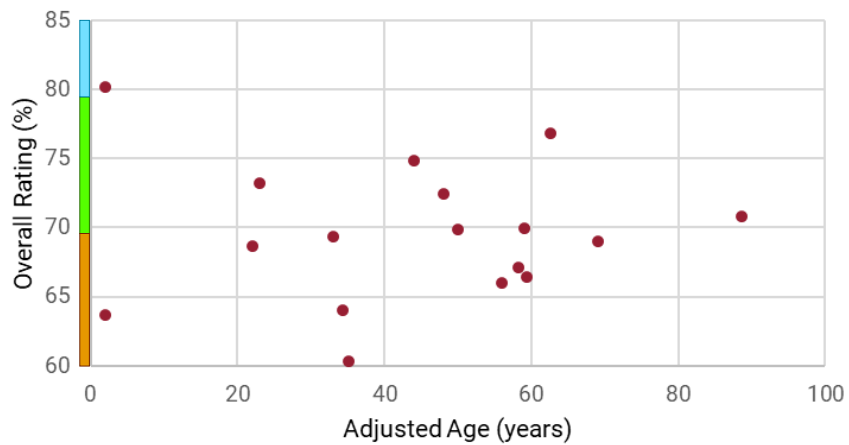
FY 2023 Results: Summary of Deficiencies by Category

| Category | | # of Major Deficiencies | # of Minor Deficiencies |
|------------------------------|--------------------------------------------------------------------|-------------------------|-------------------------|
| Site | Roadways, Parking Lots, & Walkways | 0 | 12 |
| | Grounds | 0 | 2 |
| | Positive Site Drainage Away from Structure(s) | 0 | 0 |
| | Playgrounds, Equipment, & Fields | 0 | 4 |
| | Relocatables & Additional Structures | 0 | 0 |
| Building Exterior | Exterior Structure & Finishes | 1 | 3 |
| | Roof Drains, Gutters, & Downspouts | 0 | 0 |
| | Windows, Caulking, & Skylights | 0 | 0 |
| | Entryways & Exterior Doors | 0 | 2 |
| | Roofs, Flashing, and Gravel Stops | 0 | 1 |
| Building Interior | Interior Doors, Walls, Partitions, & Finishes | 0 | 4 |
| | Floors | 0 | 0 |
| | Interior Cleanliness & Appearance (incl. of Equip. Rooms) | 0 | 0 |
| | Ceilings | 0 | 1 |
| | Interior Lighting | 0 | 2 |
| Building Equipment & Systems | HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters) | 0 | 1 |
| | Electrical Distribution & Service Equipment | 0 | 2 |
| | Boilers, Water Heaters, Steam, & Hot-water Distribution | 0 | 0 |
| | Plumbing Fixtures and Equipment | 0 | 3 |
| | Fire and Safety Systems & Utility Controls | 1 | 2 |
| | Conveyances | 0 | 1 |
| Total | | 2 | 40 |

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- The grounds and repair blitz assessments Baltimore City Public Schools conducts to perform PM work encompass multiple assets and PM work under one PM work order. PM work orders should generate automatically in the CMMS for each asset tag rather than for a group of asset tags so PM and follow-up corrective work orders can be more easily tracked for individual equipment.
- Regularly scheduled playground and bleacher inspections should be created and tracked using the CMMS. Additional training on playground and bleacher maintenance procedures and requirements may be needed to ensure the required inspections, cleaning, and repairs are taking place. Safety issues should be reported and addressed immediately.
- All essential assets should have auto-populating PM work orders created in the CMMS. These work orders should be scheduled to ensure the activities occur at industry-standard frequencies and within a reasonable timeframe of the expected completion.
- The CMMS could be used to track some or all custodial responsibilities in order to establish and ensure accountability.

BALTIMORE COUNTY

Total School Facilities Assessed in FY 2023: 17



Mays Chapel Elementary

Fiscal Year 2023: Key Facts

166 facilities

Baltimore County has 166 active school facilities.
+ 1 facility since FY 2022.

33.5 years old

The average adjusted age of all 166 school facilities is 33.5 years old.
+ 0.8 years since FY 2022.

~ 16.9 M GSF

Baltimore County maintains 16,900,318 SF throughout its 166 school facilities. It has the 3rd greatest amount of SF of LEAs in MD.

+ 108,627 SF since FY 2022.

> \$7.7 B

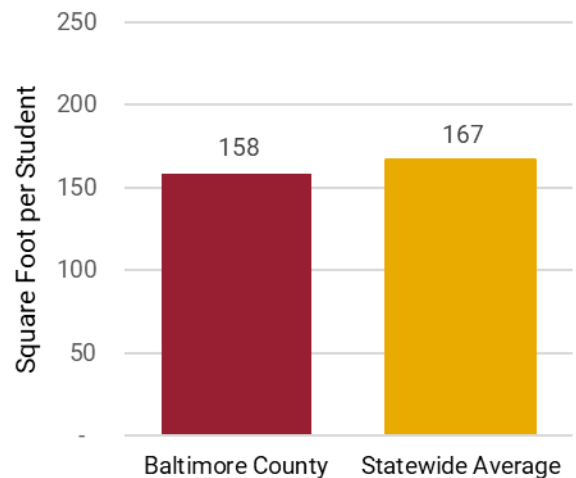
The current replacement value for Baltimore County's GSF, at the IAC's current replacement cost/SF, is greater than \$7.7 B.

74.03% (Adequate) = Average Overall Rating for FY 2023
+ 0.85% since FY 22

FY 2023 Overall Rating Results by School Type

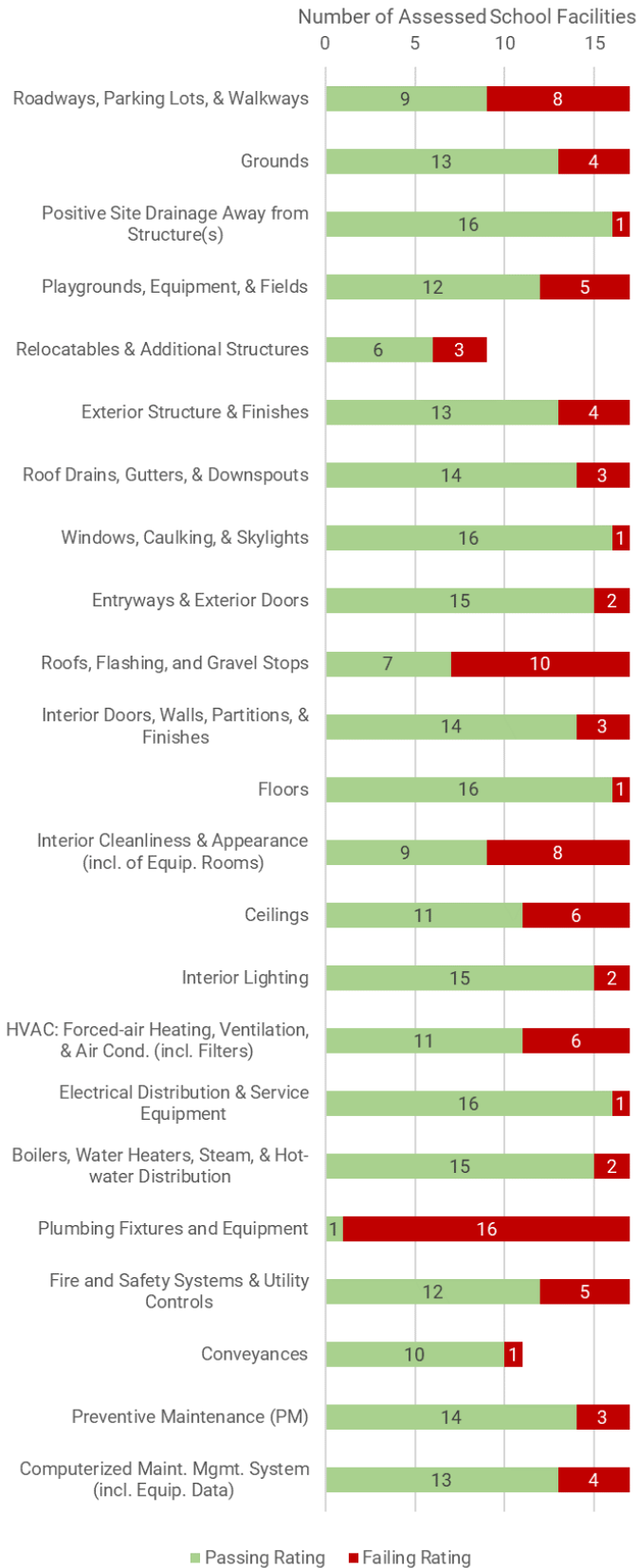
| | Elementary | Elementary/Middle | Middle | High | Career Tech | |
|--------------|------------|-------------------|--------|------|-------------|----|
| Superior | | | | | | |
| Good | 1 | | | | | 1 |
| Adequate | 9 | 1 | 2 | | 1 | 13 |
| Not Adequate | | | 1 | 2 | | 3 |
| Poor | | | | | | |
| Totals | 10 | 1 | 3 | 2 | 1 | 17 |

Average Square Foot per Student



| School Name | School Type | Square Footage | Adjusted Age | Overall Rating | Rating of Individual Categories (does not include items not rated) | | | | | Deficiencies | |
|---------------------------------------------------|--------------------|----------------|--------------|----------------|--------------------------------------------------------------------|-----------|------------|--------------|----------|--------------|----------|
| | | | | | Superior | Good | Adequate | Not Adequate | Poor | Major | Minor |
| 1. Fullerton Elementary (03.004) | Elementary | 62,910 | 47 | Adequate | 0 | 5 | 13 | 4 | 0 | 0 | 0 |
| 2. Halethorpe Elementary (03.005) | Elementary | 50,355 | 33 | Adequate | 1 | 5 | 13 | 4 | 0 | 0 | 0 |
| 3. Western School of Technology/ Science (03.008) | Career Tech | 160,349 | 45 | Adequate | 0 | 2 | 18 | 3 | 0 | 0 | 0 |
| 4. Holabird Middle (03.047) | Elementary/ Middle | 124,525 | 15 | Adequate | 1 | 0 | 17 | 4 | 0 | 0 | 0 |
| 5. Dundalk Elementary (03.052) | Elementary | 99,545 | 4 | Good | 4 | 4 | 12 | 2 | 0 | 0 | 1 |
| 6. Perry Hall Elementary (03.070) | Elementary | 63,680 | 33 | Adequate | 1 | 0 | 15 | 6 | 0 | 0 | 0 |
| 7. Owings Mills High (03.073) | High | 176,810 | 42 | Not Adequate | 0 | 1 | 8 | 14 | 0 | 0 | 0 |
| 8. Jacksonville Elementary (03.074) | Elementary | 75,672 | 28 | Adequate | 1 | 2 | 15 | 3 | 0 | 0 | 0 |
| 9. Seventh District Elementary (03.086) | Elementary | 56,908 | 48 | Adequate | 1 | 0 | 13 | 8 | 0 | 0 | 1 |
| 10. Catonsville Middle (03.088) | Middle | 95,235 | 14 | Not Adequate | 1 | 0 | 10 | 12 | 0 | 0 | 1 |
| 11. Hebbville Elementary (03.104) | Elementary | 64,340 | 56 | Adequate | 1 | 5 | 14 | 2 | 0 | 0 | 0 |
| 12. General John Stricker Middle (03.122) | Middle | 169,555 | 33 | Adequate | 1 | 0 | 16 | 5 | 0 | 0 | 1 |
| 13. Sudbrook Magnet Middle (03.126) | Middle | 150,042 | 13 | Adequate | 1 | 0 | 16 | 5 | 0 | 0 | 0 |
| 14. Dulaney High (03.133) | High | 250,286 | 48 | Not Adequate | 0 | 0 | 8 | 14 | 0 | 0 | 0 |
| 15. Martin Boulevard Elementary (03.142) | Elementary | 54,947 | 24 | Adequate | 1 | 2 | 13 | 5 | 1 | 0 | 0 |
| 16. Timonium Elementary (03.169) | Elementary | 62,847 | 64 | Adequate | 0 | 4 | 16 | 2 | 0 | 0 | 0 |
| 17. Mays Chapel Elementary (03.200) | Elementary | 90,173 | 9 | Adequate | 3 | 5 | 12 | 2 | 0 | 0 | 0 |
| Totals | | | | | 17 | 35 | 229 | 95 | 1 | 0 | 4 |
| Percentage of Total Ratings for System | | | | | 5% | 9% | 61% | 25% | 0% | | |

FY23 Passing vs Failing Rating per Category

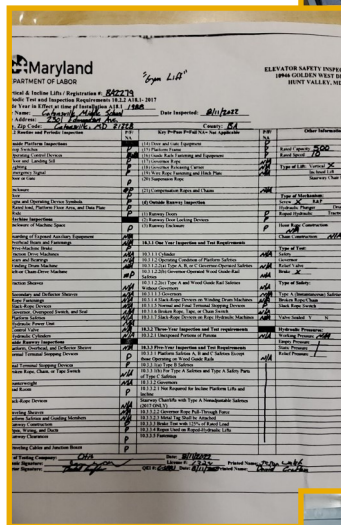


Strengths



Exterior doors and hardware were identified in the PM schedules for 15 of the assessed facilities. Three facilities earned a Superior rating in the Entryways & Exterior Doors category.

Windows, caulking, hardware, and glazing inspections were identified in the PM schedules for 15 of the assessed facilities. All windows appeared to function as designed at 16 facilities.



All active conveyances had current DLLR certificates or passing Qualified Elevator Inspector reports at 10 of the 11 applicable facilities. Conveyances were identified in the PM schedules for 10 of the 11 applicable facilities. Five facilities earned a Superior rating in the Conveyances category.

The DLLR certificates were current for all active and applicable boilers and water heaters. Two facilities earned a Superior rating in the Boilers, Water Heaters, Steam, & Hot-water Distribution category.



Weaknesses

Cracking and/or deterioration, from minor to severe, was noted in the roadways and/or parking lots at 16 facilities. Other than a general site care PM which includes checking and cleaning curbs, gutters, roadways, parking lots, and walkways are not identified in the PM schedules for the assessed facilities.



The backflow preventers in 13 facilities had either expired inspection tags or were missing tags. One facility appeared to have a backflow preventer with an inspection tag, but it was inaccessible and the tag's date could not be verified. Backflow preventers, plumbing fixtures, and related equipment were not identified in the PM schedules for the assessed facilities. Of the 17 facilities assessed, 16 received a Not Adequate rating in the Plumbing Fixtures and Equipment category.



Unsafe storage practices, such as cluttered storage rooms, items stored too close to the ceiling, and items blocking egress or access to equipment, were observed at 15 facilities. Evidence of pest activity was noted in food prep and/or eating areas at six facilities. Eight facilities received a Not Adequate rating in the Interior Cleanliness & Appearance (incl. of Equip. Rooms) category.

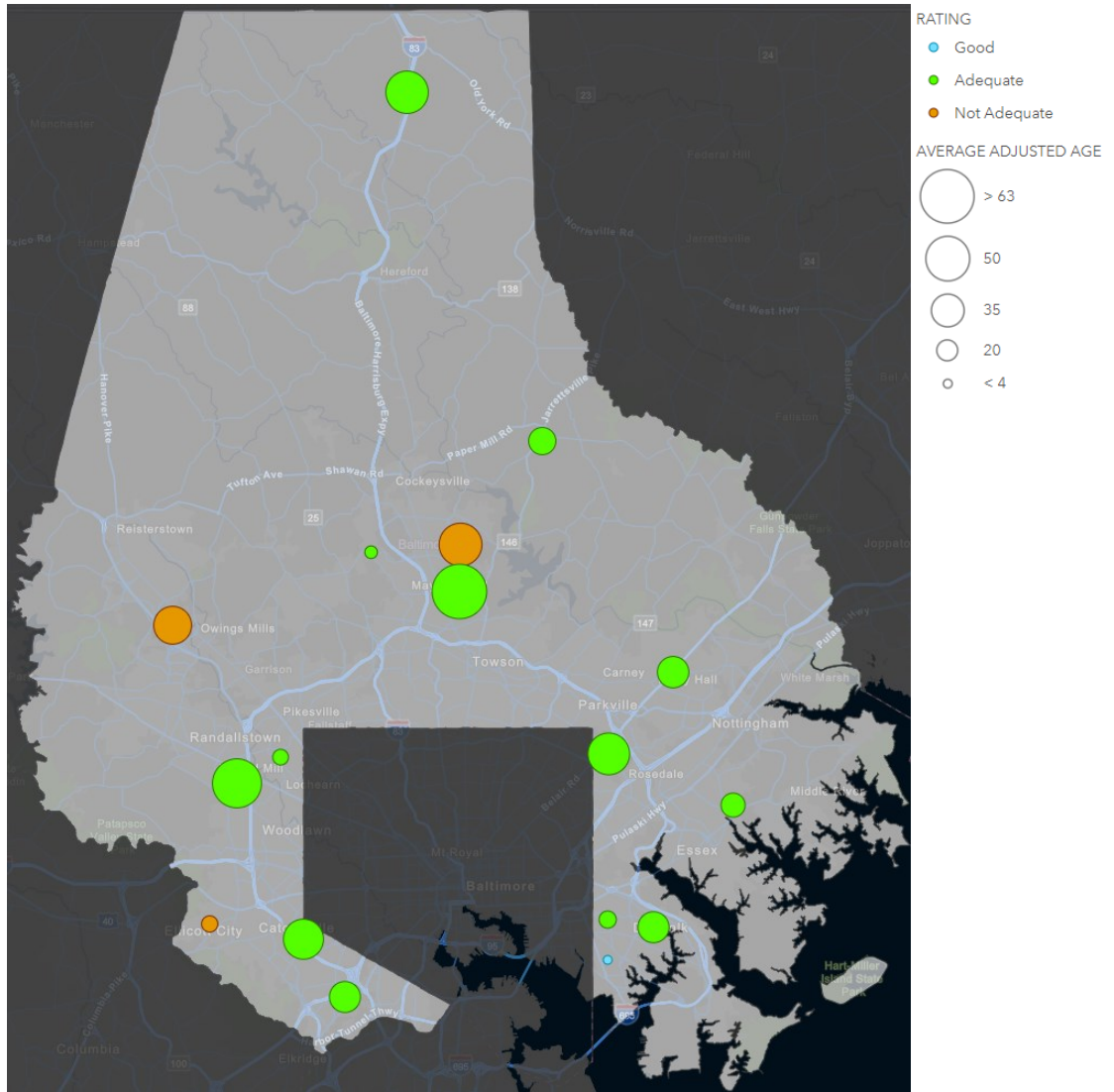


Vegetative growth was observed on the roofs at eight facilities. Eight facilities received a Not Adequate rating and one facility earned a Poor rating in the Roofs, Flashing, and Gravel Stops category.

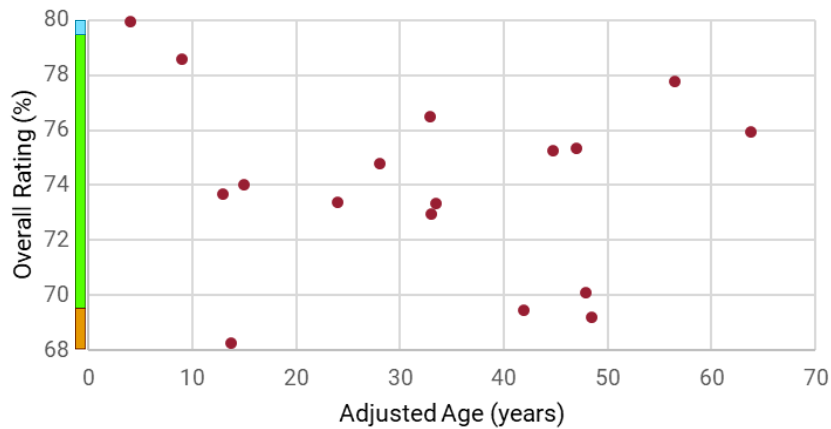
FY 2023 Results: Summary of Deficiencies by Category

| | Category | # of Major Deficiencies | # of Minor Deficiencies |
|------------------------------|--------------------------------------------------------------------|--------------------------------|--------------------------------|
| Site | Roadways, Parking Lots, & Walkways | 0 | 0 |
| | Grounds | 0 | 0 |
| | Positive Site Drainage Away from Structure(s) | 0 | 0 |
| | Playgrounds, Equipment, & Fields | 0 | 1 |
| | Relocatables & Additional Structures | 0 | 0 |
| Building Exterior | Exterior Structure & Finishes | 0 | 0 |
| | Roof Drains, Gutters, & Downspouts | 0 | 0 |
| | Windows, Caulking, & Skylights | 0 | 0 |
| | Entryways & Exterior Doors | 0 | 0 |
| | Roofs, Flashing, and Gravel Stops | 0 | 1 |
| Building Interior | Interior Doors, Walls, Partitions, & Finishes | 0 | 0 |
| | Floors | 0 | 0 |
| | Interior Cleanliness & Appearance (incl. of Equip. Rooms) | 0 | 0 |
| | Ceilings | 0 | 0 |
| | Interior Lighting | 0 | 0 |
| Building Equipment & Systems | HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters) | 0 | 1 |
| | Electrical Distribution & Service Equipment | 0 | 0 |
| | Boilers, Water Heaters, Steam, & Hot-water Distribution | 0 | 0 |
| | Plumbing Fixtures and Equipment | 0 | 0 |
| | Fire and Safety Systems & Utility Controls | 0 | 1 |
| | Conveyances | 0 | 0 |
| | Total | 0 | 4 |

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Training for custodial staff should be enhanced or refreshed with an emphasis on safety requirements, including clearances around equipment and blockage of egress points.
- The operations PM tasks Baltimore County Public Schools (BCPS) conducts to perform PM work encompass multiple assets and PM work under one PM work order. PM work orders should generate automatically in the CMMS for each asset tag rather than for a group of asset tags so PM and follow-up corrective work orders can be more easily tracked for individual equipment.
- All site-specific PM schedules should have the remainder of essential and applicable non-essential assets added and auto-populating PM work orders created to address all maintainable features of equipment and systems at industry-standard frequencies.
- Backflow preventer inspections are a requirement in most jurisdictions and should be scheduled and completed at the appropriate frequency. Inspections should be tracked and documented using the CMMS, and the inspection documentation should be available on site.
- Roadways and parking lots should be added to the PM schedule. Consider applying sealants to asphalt parking lots and roadways to slow deterioration until such assets can be resurfaced.
- Corrective work orders should be created in the CMMS immediately following any inspection where deficiencies or issues are noted and identified as inspection deficiencies. This will help identify trends and common issues in order to better proactively maintain areas.

CALVERT COUNTY

Total School Facilities Assessed in FY 2023: 3



Appeal Elementary

Fiscal Year 2023: Key Facts



Calvert County has 25 active school facilities.
No change since FY 2022.



The average adjusted age of all 25 school facilities is 25.2 years old.
+ 1 year since FY 2022.



Calvert County maintains 2,456,795 SF throughout its 25 school facilities. It has the 12th greatest amount of SF of LEAs in MD.

No change since FY 2022.

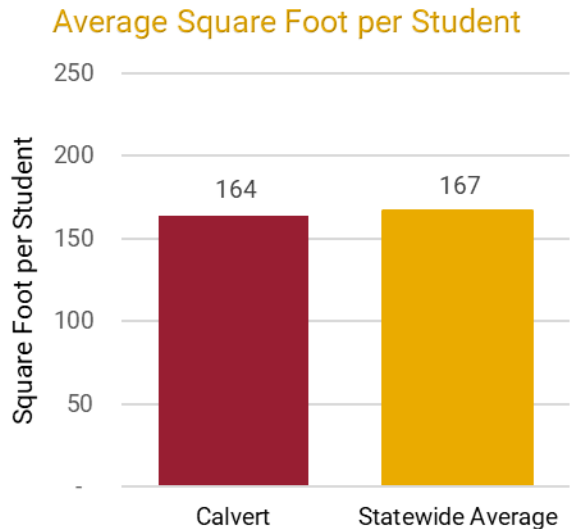


The current replacement value for Calvert County's GSF, at the IAC's current replacement cost/SF, is greater than \$1.1 B.

72.22% (Adequate) = Average Overall Rating for FY 2023
- 4.5% since FY 22

FY 2023 Overall Rating Results by School Type

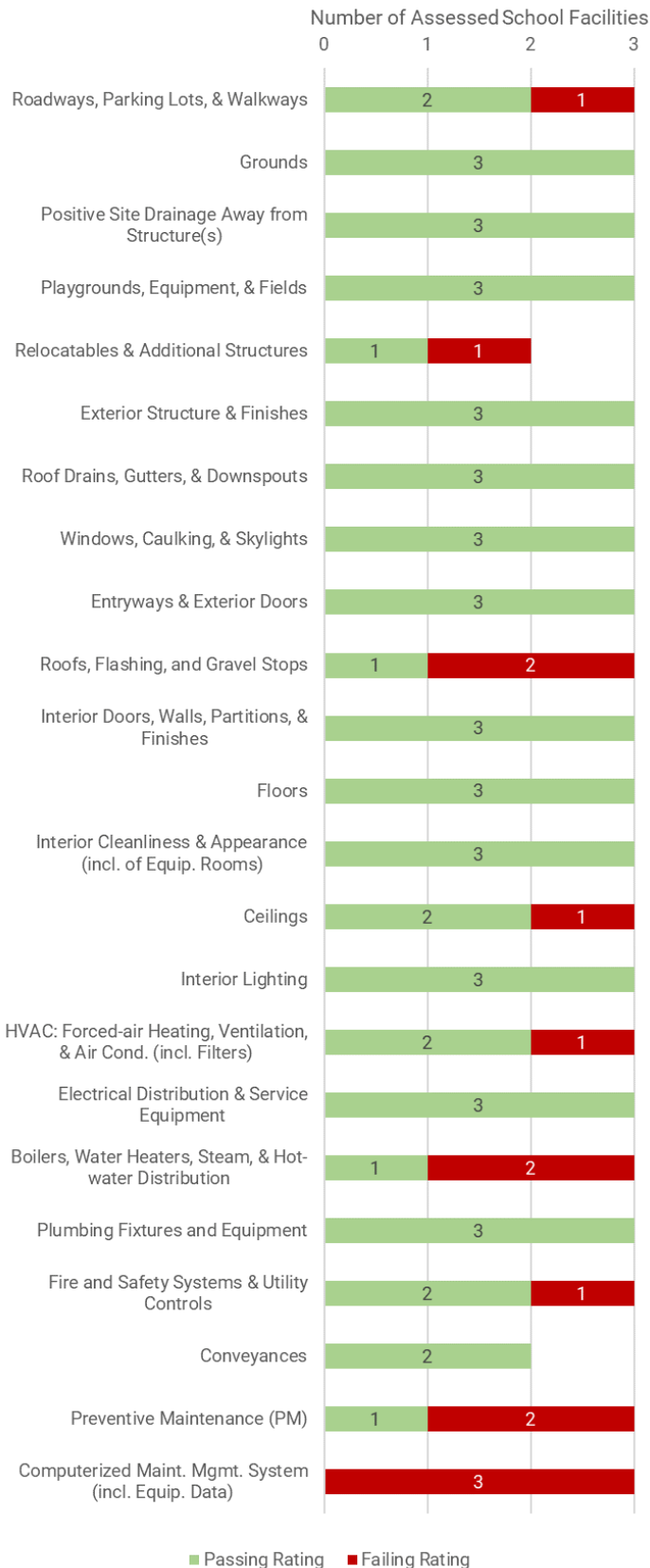
| | Elementary | Middle | High | |
|--------------|------------|--------|------|---|
| Superior | | | | |
| Good | | | | |
| Adequate | 1 | 1 | 1 | 3 |
| Not Adequate | | | | |
| Poor | | | | |
| Totals | 1 | 1 | 1 | 3 |



FY 2023 Results: Summary of School Ratings

| School Name | School Type | Square Footage | Adjusted Age | Overall Rating | Rating of Individual Categories (does not include items not rated) | | | | | Deficiencies | |
|----------------------------------------|-------------|----------------|--------------|----------------|--------------------------------------------------------------------|----------|-----------|--------------|----------|--------------|----------|
| | | | | | Superior | Good | Adequate | Not Adequate | Poor | Major | Minor |
| 1. Calvert High (4.003) | High | 236,300 | 10 | Adequate | 1 | 0 | 15 | 7 | 0 | 0 | 0 |
| 2. Appeal Elementary (4.013) | Elementary | 59,275 | 42 | Adequate | 0 | 2 | 17 | 3 | 0 | 0 | 0 |
| 3. Plum Point Middle (4.017) | Middle | 101,300 | 31 | Adequate | 0 | 0 | 19 | 3 | 0 | 0 | 1 |
| Totals | | | | | 1 | 2 | 51 | 13 | 0 | 0 | 1 |
| Percentage of Total Ratings for System | | | | | 1% | 3% | 76% | 19% | 0% | | |

FY23 Passing vs Failing Rating per Category



Strengths

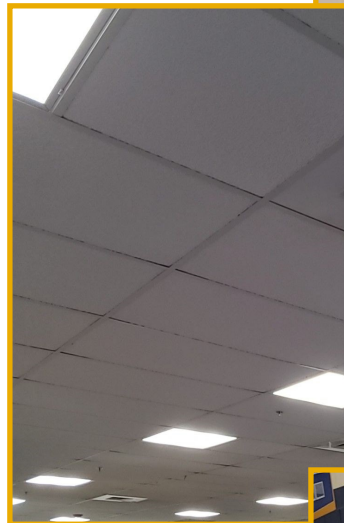


Roof drain, gutters, and downspouts are evaluated during the routine roof inspection. One facility received a Good rating in the Roof Drains, Gutters, and Downspouts category.

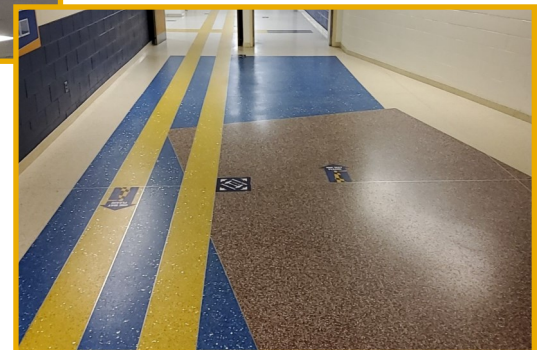
The DLLR certificates were current and on display for the elevators in service. Elevator inspections were included in the PM work orders for the applicable facilities. The one elevator out of service was properly locked out at the disconnect.



No issues or concerns were identified with the interior lighting at one facility, and no lighting issues were noted in classrooms at the other two facilities. Replacing lamps and cleaning light fixtures are identified in the building service worker's scope of work.

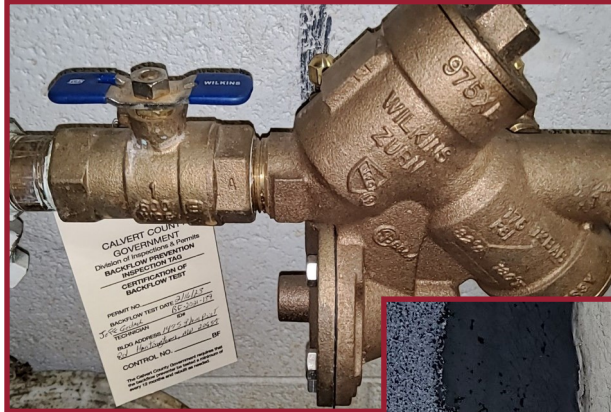


No issues or concerns were observed with the flooring at two facilities. Floor cleaning activities for various floor surface types are identified in the building service worker's scope of work.



Weaknesses

Some essential assets were not identified in the PM schedules for the assessed facilities, such as backflow preventers and generators. Many essential assets were missing from the asset list for each facility, such as roofs, fire alarm systems, generators, and backflow preventers. The action taken field is not used consistently for completed work orders or lack descriptive notes.



Two facilities were observed with cracked and deteriorated lap seam sealants on their roofs. One facility's roof inspection report indicated two sections of the roof are in poor condition, leak, and need replacing; at the time of the MEA, there were no open work orders for the roof, and CCPS did not indicate any plans for a roof replacement project.

One facility was observed with corrosion on two boilers, a water heater, and two pumps, some of which was severe. Another facility was noted with minor corrosion on three pumps and a water heater and boiler locked out of service with no associated work orders identified in the CMMS.

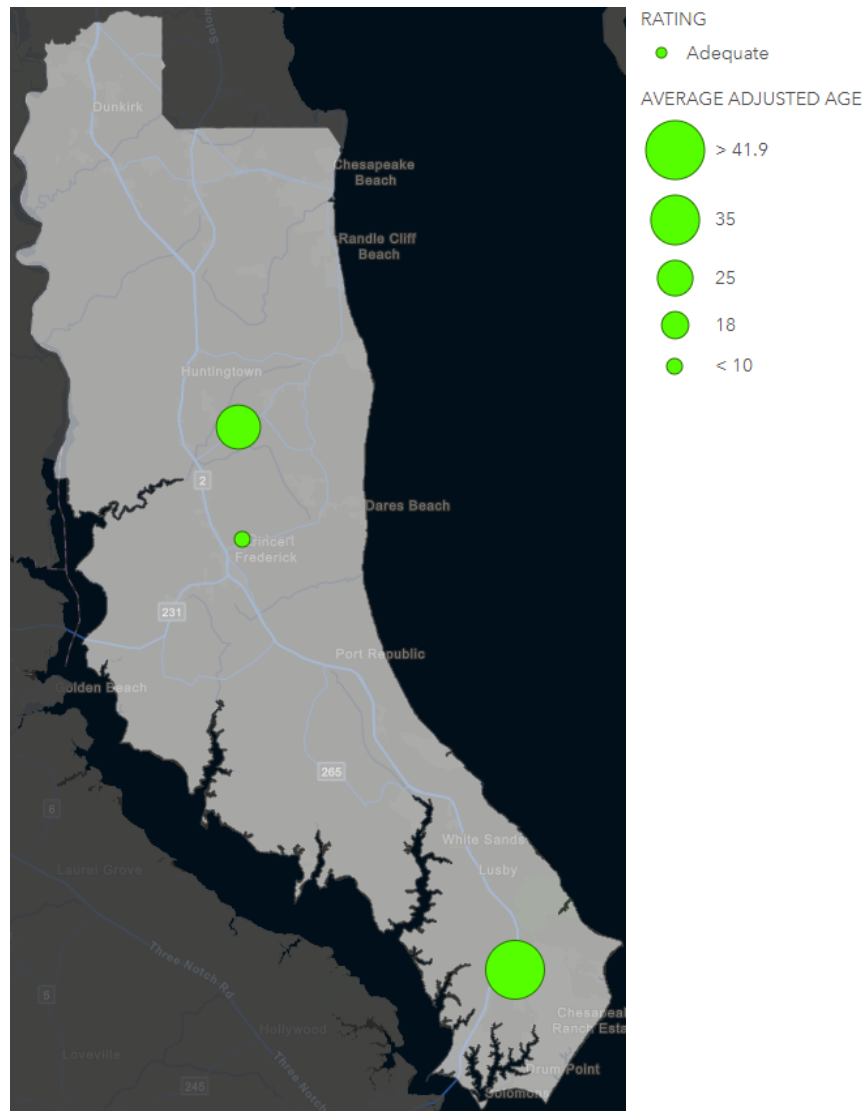


Stained and damaged ceiling tiles were observed at two facilities. Ceiling maintenance was not identified in the PM schedules for the assessed facilities. One facility received a Not Adequate rating in the Ceilings category.

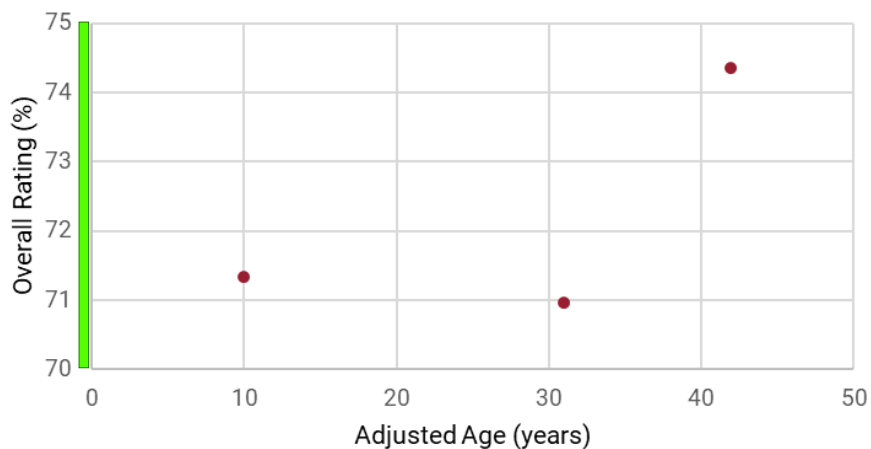
FY 2023 Results: Summary of Deficiencies by Category

| Category | | # of Major Deficiencies | # of Minor Deficiencies |
|------------------------------|--------------------------------------------------------------------|-------------------------|-------------------------|
| Site | Roadways, Parking Lots, & Walkways | 0 | 0 |
| | Grounds | 0 | 0 |
| | Positive Site Drainage Away from Structure(s) | 0 | 0 |
| | Playgrounds, Equipment, & Fields | 0 | 0 |
| | Relocatables & Additional Structures | 0 | 0 |
| Building Exterior | Exterior Structure & Finishes | 0 | 0 |
| | Roof Drains, Gutters, & Downspouts | 0 | 0 |
| | Windows, Caulking, & Skylights | 0 | 0 |
| | Entryways & Exterior Doors | 0 | 0 |
| | Roofs, Flashing, and Gravel Stops | 0 | 0 |
| Building Interior | Interior Doors, Walls, Partitions, & Finishes | 0 | 0 |
| | Floors | 0 | 0 |
| | Interior Cleanliness & Appearance (incl. of Equip. Rooms) | 0 | 0 |
| | Ceilings | 0 | 0 |
| | Interior Lighting | 0 | 0 |
| Building Equipment & Systems | HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters) | 0 | 0 |
| | Electrical Distribution & Service Equipment | 0 | 0 |
| | Boilers, Water Heaters, Steam, & Hot-water Distribution | 0 | 1 |
| | Plumbing Fixtures and Equipment | 0 | 0 |
| | Fire and Safety Systems & Utility Controls | 0 | 0 |
| | Conveyances | 0 | 0 |
| Total | | 0 | 1 |

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Expand the asset list for each facility to encompass all essential and non-essential assets to store and manage asset-specific data (such as asset name, purchase date, purchase price, expected life span, model number, serial number, asset tag number or unique identification, type of asset, location, and any other relevant details), and use the CMMS to track the maintenance and repair history as well as performance of each asset over time.
- All site-specific PM schedules should have the remainder of essential and applicable non-essential assets added and auto-populating PM work orders created to address all maintainable features of equipment and systems at industry-standard frequencies.
- Regularly scheduled ceiling inspections should be created and tracked using the CMMS to identify any ceiling tiles missing, stained, or damaged. Corrective work orders should be created in the CMMS immediately following any inspection where deficiencies or issues are noted. Stained ceiling tiles should be replaced once the cause is identified and repaired.
- Abandoned equipment should be permanently disconnected from the power source and the supply terminated. Best practice is to remove abandoned equipment.
- Corrosion on equipment should be evaluated and addressed before additional damage or operational damage occurs.
- Implementing quality control procedures is recommended to ensure PM work orders are being completed effectively and the actions taken to complete the work are recorded accurately.
- Corrective work orders should be created in the CMMS immediately following any inspection where deficiencies or issues are noted and identified as inspection deficiencies. This will help identify trends and common issues in order to better proactively maintain areas.

CAROLINE COUNTY

Total School Facilities Assessed in FY 2023: 3

Col. Richardson High

Fiscal Year 2023: Key Facts

10 facilities

Caroline County has 10 active school facilities.
No change since FY 2022.

23.5 years old

The average adjusted age of all 10 school facilities is 23.5 years old.
+ 1 year since FY 2022.

> 0.8 M GSF

Caroline County maintains 877,773 SF throughout its 10 school facilities. It has the 20th greatest amount of SF of LEAs in MD.

No change since FY 2022.

~ \$0.4 B

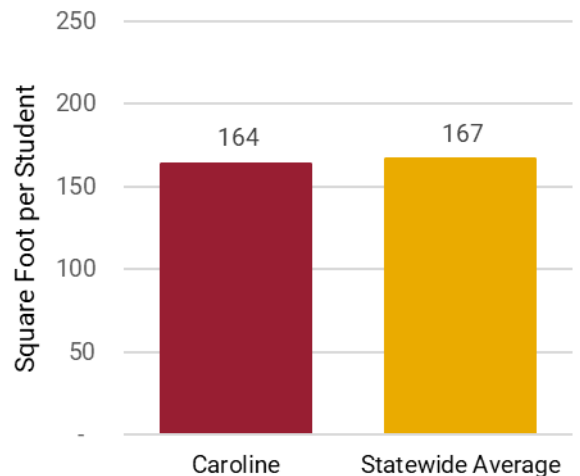
The current replacement value for Caroline County's GSF, at the IAC's current replacement cost/SF, is approximately \$0.4 B.

67.68% (Not Adequate) = Average Overall Rating for FY 2023
- 3.98% since FY 22

FY 2023 Overall Rating Results by School Type

| | Elementary | Middle | High | |
|--------------|------------|--------|------|---|
| Superior | | | | |
| Good | | | | |
| Adequate | | | 1 | 1 |
| Not Adequate | 1 | | 1 | 2 |
| Poor | | | | |
| Totals | 1 | | 2 | 3 |

Average Square Foot per Student

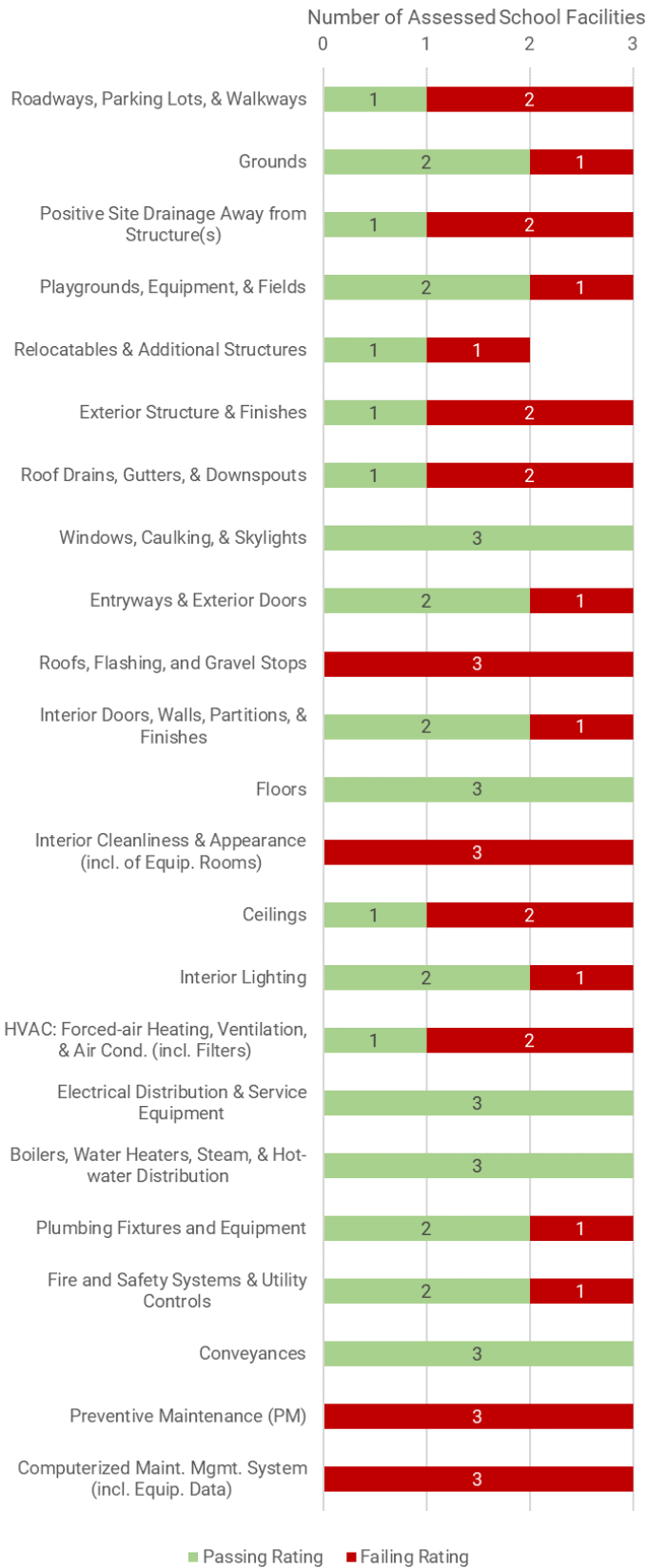


FY 2023 Results: Summary of School Ratings

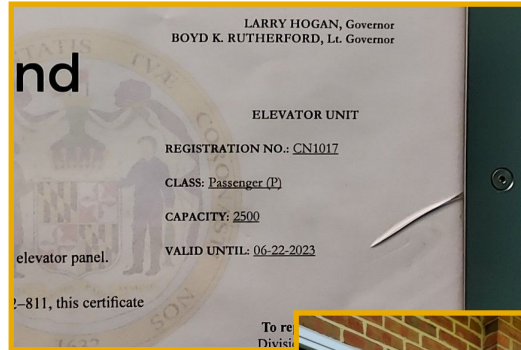
| School Name | School Type | Square Footage | Adjusted Age | Overall Rating | Rating of Individual Categories (does not include items not rated) | | | | | Deficiencies | |
|-----------------------------------------------|-------------|----------------|--------------|----------------|--------------------------------------------------------------------|------|----------|--------------|------|--------------|-------|
| | | | | | Superior | Good | Adequate | Not Adequate | Poor | Major | Minor |
| 1. North Caroline High (05.002) | High | 179,023 | 21 | Not Adequate | 0 | 0 | 12 | 11 | 0 | 0 | 2 |
| 2. Col. Richardson High (05.004) | High | 121,085 | 12 | Adequate | 0 | 0 | 17 | 6 | 0 | 0 | 1 |
| 3. Federalsburg Elementary (05.007) | Elementary | 70,187 | 22 | Not Adequate | 0 | 0 | 10 | 12 | 0 | 0 | 3 |
| Totals | | | | | 0 | 0 | 39 | 29 | 0 | 0 | 6 |
| Percentage of Total Ratings for System | | | | | 0% | 0% | 57% | 43% | 0% | | |

FY 2023 Results: Assessment Findings by Category

FY23 Passing vs Failing Rating per Category



Strengths



No issues or concerns were identified with the conveyances at two facilities. The DLLR certificates were current for all conveyances in the three assessed facilities.

No issues or concerns were identified with the windows at two facilities, and all windows appeared to operate properly at all three facilities.



The DLLR certificates were current for the applicable boilers and water heaters at the two facilities with regulated equipment. No issues or concerns were identified with the boilers or pumps at one facility, and no issues or concerns were identified with the water heaters at any of the three assessed facilities.

The restroom and classroom cleaning checklists identify floor cleaning activities, and most of the flooring appeared to be well maintained at all three facilities.



Weaknesses

All three facilities received a Not Adequate rating in the Interior Cleanliness & Appearance (incl. of Equip. Rooms) category, and all three facilities were observed with rodent droppings in kitchen areas. Pest management activities



are identified in the LEA's integrated pest management policy, but were not tracked using the CMMS and did not appear in the PM work order history for any of the assessed facilities.

Annual and monthly roof inspections are identified in the CMP, but were not tracked using the CMMS and did not appear in the PM work order history for any of the assessed facilities. Vegetative growth was identified in multiple areas on the roofs at two facilities, which was also identified as a weakness for CCPS in FY22.



Routine operations checks and standard maintenance for various HVAC equipment are identified in the CMP, but were not tracked using the CMMS and did not appear in the PM work order history for any of the assessed facilities. Inoperable exhaust fans were observed at two facilities. Various HVAC equipment was noted with dirty filters at all three facilities. Two facilities received a Not Adequate rating in the HVAC category.

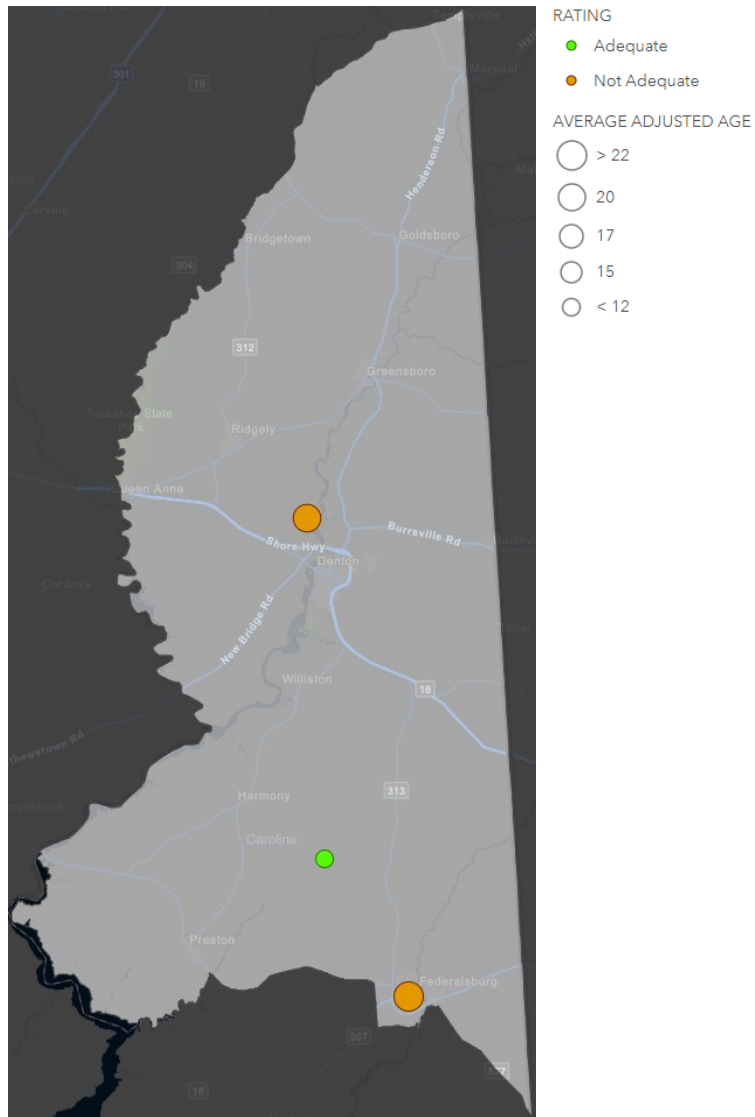


No site-specific PM plan was provided for any of the assessed facilities, and it did not appear that PM activities were tracked using the CMMS.

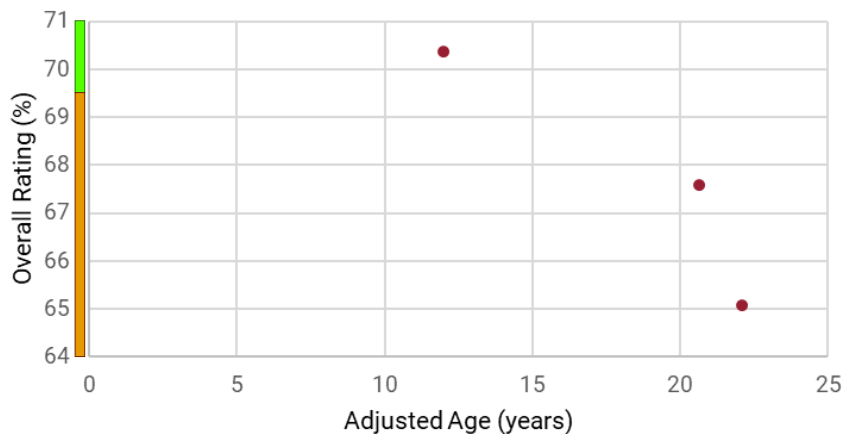
FY 2023 Results: Summary of Deficiencies by Category

| Category | | # of Major Deficiencies | # of Minor Deficiencies |
|------------------------------|--------------------------------------------------------------------|-------------------------|-------------------------|
| Site | Roadways, Parking Lots, & Walkways | 0 | 2 |
| | Grounds | 0 | 0 |
| | Positive Site Drainage Away from Structure(s) | 0 | 1 |
| | Playgrounds, Equipment, & Fields | 0 | 0 |
| | Relocatables & Additional Structures | 0 | 0 |
| Building Exterior | Exterior Structure & Finishes | 0 | 0 |
| | Roof Drains, Gutters, & Downspouts | 0 | 0 |
| | Windows, Caulking, & Skylights | 0 | 0 |
| | Entryways & Exterior Doors | 0 | 0 |
| | Roofs, Flashing, and Gravel Stops | 0 | 0 |
| Building Interior | Interior Doors, Walls, Partitions, & Finishes | 0 | 0 |
| | Floors | 0 | 0 |
| | Interior Cleanliness & Appearance (incl. of Equip. Rooms) | 0 | 0 |
| | Ceilings | 0 | 1 |
| | Interior Lighting | 0 | 1 |
| Building Equipment & Systems | HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters) | 0 | 0 |
| | Electrical Distribution & Service Equipment | 0 | 0 |
| | Boilers, Water Heaters, Steam, & Hot-water Distribution | 0 | 0 |
| | Plumbing Fixtures and Equipment | 0 | 0 |
| | Fire and Safety Systems & Utility Controls | 0 | 1 |
| | Conveyances | 0 | 0 |
| Total | | 0 | 6 |

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Expand the asset list for each facility to encompass all essential and non-essential assets to store and manage asset-specific data (such as asset name, purchase date, purchase price, expected life span, model number, serial number, asset tag number or unique identification, type of asset, location, and any other relevant details), and use the CMMS to track the maintenance and repair history as well as performance of each asset over time.
- All essential assets should have auto-populating PM work orders created in the CMMS. These work orders should be scheduled to ensure the activities occur at industry-standard frequencies and within a reasonable timeframe of the expected completion.
- Pest management PM activities should have auto-populating PM work orders created in the CMMS and scheduled to ensure the activities occur at industry-standard frequencies and within a reasonable timeframe of the expected completion. The custodial duties outlined in the IPM policy should also be reflected in the custodial scope of work.
- PM activities for roofs and HVAC equipment should be added to each facility's PM schedule to help extend the useful life of the existing surfaces and assets, prevent hazardous conditions, and avoid premature capital replacement projects. Corrective work orders should be created in the CMMS immediately following any inspection where deficiencies or issues are noted.
- A field should be created in the CMMS to track the days each work order has aged to help identify causes of possible bottlenecks and streamline workflow processes. Fields should also be set up to track labor hours and costs to assist in establishing predictable cost trends and support more efficient resource management.
- Implementing quality control procedures is recommended to ensure PM work orders are being completed effectively and the actions taken to complete the work are recorded accurately.

CARROLL COUNTY

Total Schools Assessed in FY 2023: 5

Sandymount Elementary

FISCAL YEAR 2023: KEY FACTS



Carroll County has 40 active school facilities.
No change since FY 2022.



The average adjusted age of all 40 school facilities is 31.7 years old.
+ 0.3 years since FY 2022.



Carroll County maintains 4,266,203 SF throughout its 40 school facilities. It has the 9th greatest amount of SF of LEAs in MD.
+ 89,462 SF since FY 2022.

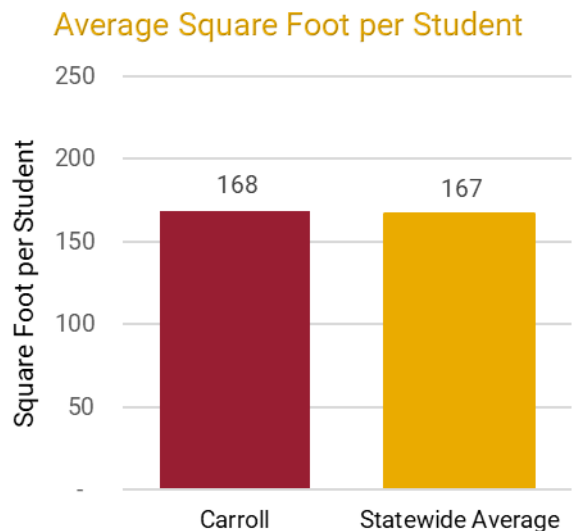


The current replacement value for Carroll County's GSF, at the IAC's current replacement cost/SF, is greater than \$1.9 B.

67.13% (Not Adequate) = Average Overall Rating for FY 2023
- 4.97% since FY 22

FY 2023 Overall Rating Results by School Type

| | Elementary | Middle | High | |
|--------------|------------|--------|------|---|
| Superior | | | | |
| Good | | | | |
| Adequate | | | | |
| Not Adequate | 2 | 2 | 1 | 5 |
| Poor | | | | |
| Totals | 2 | 2 | 1 | 5 |

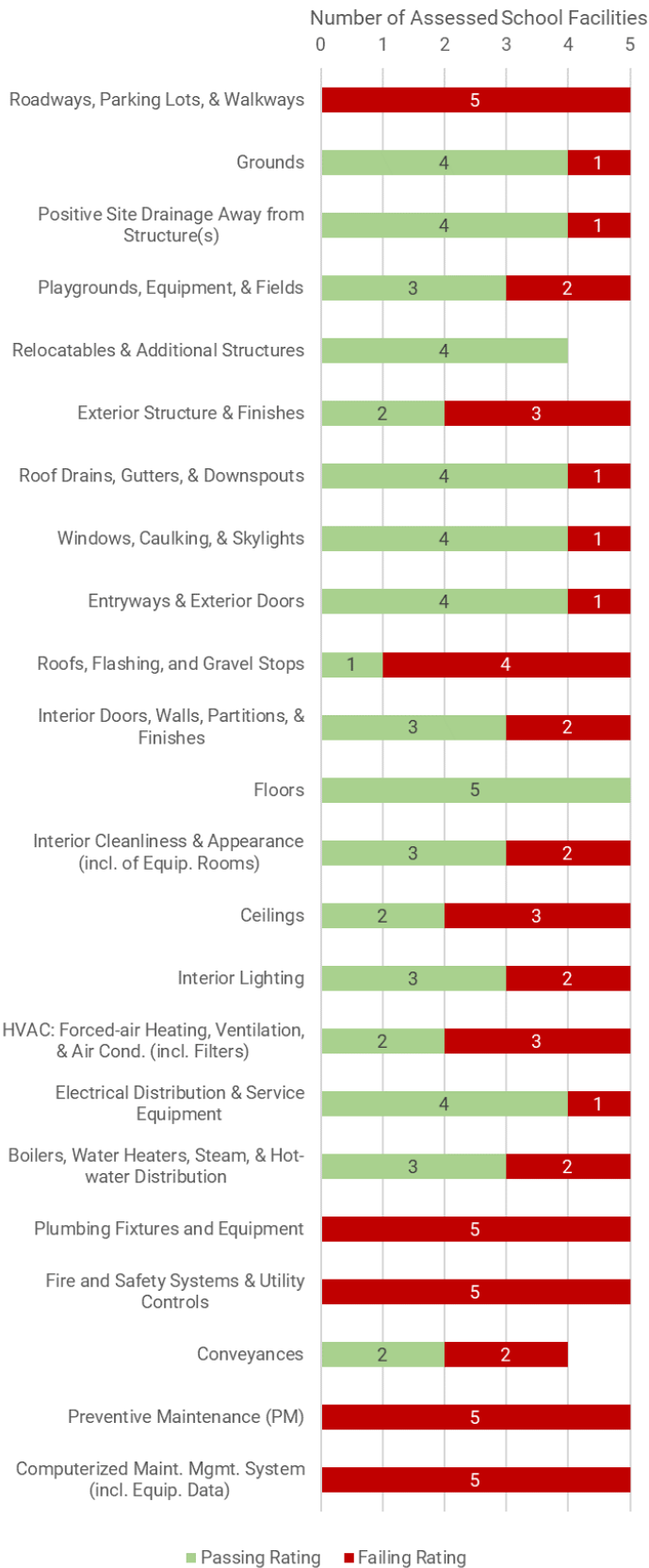


FY 2023 Results: Summary of School Ratings

| School Name | School Type | Square Footage | Adjusted Age | Overall Rating | Rating of Individual Categories (does not include items not rated) | | | | | Deficiencies | |
|-----------------------------------------------|-------------|----------------|--------------|----------------|--------------------------------------------------------------------|------|----------|--------------|------|--------------|-------|
| | | | | | Superior | Good | Adequate | Not Adequate | Poor | Major | Minor |
| 1. Northwest Middle (06.002) | Middle | 113,600 | 36 | Not Adequate | 0 | 0 | 12 | 11 | 0 | 0 | 2 |
| 2. Sandymount Elementary (06.005) | Elementary | 61,521 | 30 | Not Adequate | 0 | 1 | 13 | 8 | 0 | 0 | 2 |
| 3. S. Carroll High (06.012) | High | 258,326 | 41 | Not Adequate | 0 | 0 | 9 | 14 | 0 | 0 | 4 |
| 4. Freedom Elementary (06.015) | Elementary | 58,443 | 48 | Not Adequate | 0 | 2 | 7 | 14 | 0 | 0 | 1 |
| 5. Mt. Airy Middle (06.026) | Middle | 111,043 | 9 | Not Adequate | 0 | 0 | 15 | 7 | 0 | 0 | 4 |
| Totals | | | | | 0 | 3 | 56 | 54 | 0 | 0 | 13 |
| Percentage of Total Ratings for System | | | | | 0% | 3% | 50% | 48% | 0% | | |

FY 2023 Results: Assessment Findings by Category

FY23 Passing vs Failing Rating per Category

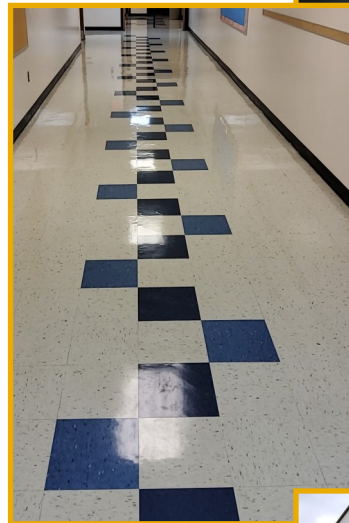


Strengths



The majority of roof drains and gutters were free of debris. The CMP identifies roof inspections are conducted annually. The reports include evaluations of the roof drains, gutters, and downspouts.

The CMP includes a list of PM checks assigned to building supervisors. Windows are checked for damage on a daily basis which is then repaired or reported. Most windows were found to have no operational issues.



The floor appeared adequately maintained at every facility and no damaged or broken floor tiles were observed. Floor maintenance is listed as a daily task on the custodial checklist.

The building supervisor's PM checklist identifies weekly operations checks for emergency generators. Annual generator PM was listed in the PM schedules for four of the assessed facilities.



Weaknesses

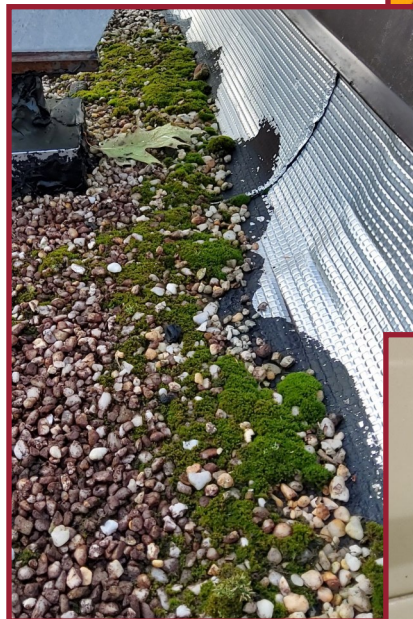
No fire alarm inspection reports were provided in the required pre-assessment documentation for any facility, and three facilities had their fire alarm panel in trouble status during the MEA.



Evidence of extensive corrosion and potentially damaging water quality in the chilled water loop was observed at one facility. Observations included rust and slime surrounding an active leak at the chiller and a concerning amount of rust flakes in water regularly flushed from a port which indicate that treatment of the hydronic water loops is not taking place or is ineffective. No evidence of a water treatment program was identified for the HVAC equipment at any of the assessed facilities.



Annual roof inspections are identified in the CMP, but were not tracked using the CMMS and did not appear in the PM work order history for any of the assessed facilities. Vegetative growth and/or debris was observed on the roofs at four facilities. Sealants were noted as peeling, failing, and/or deteriorating at four facilities.

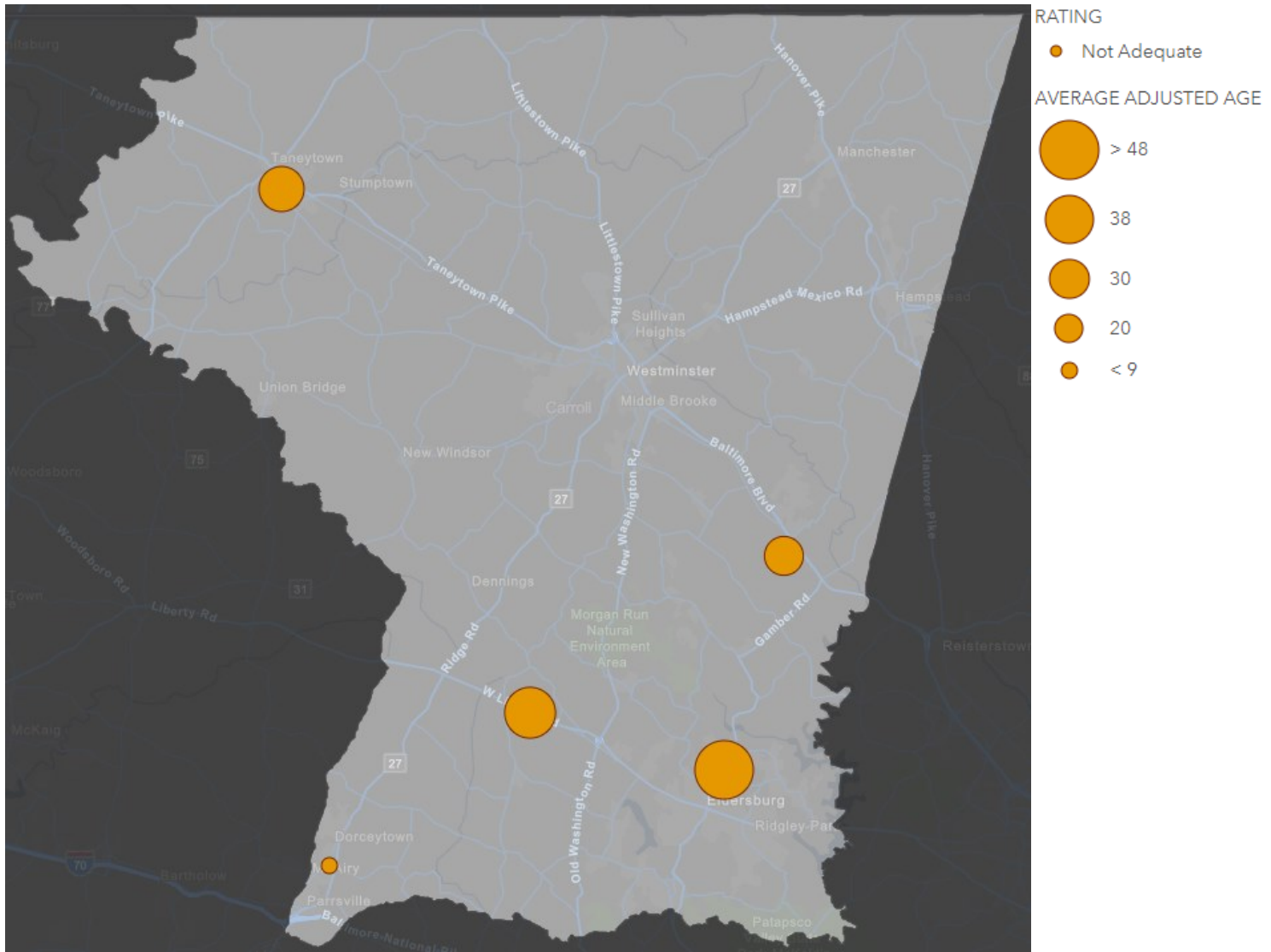


The backflow preventers at three facilities were noted with either expired or missing inspection tags. All five facilities were observed with leaking plumbing fixtures.

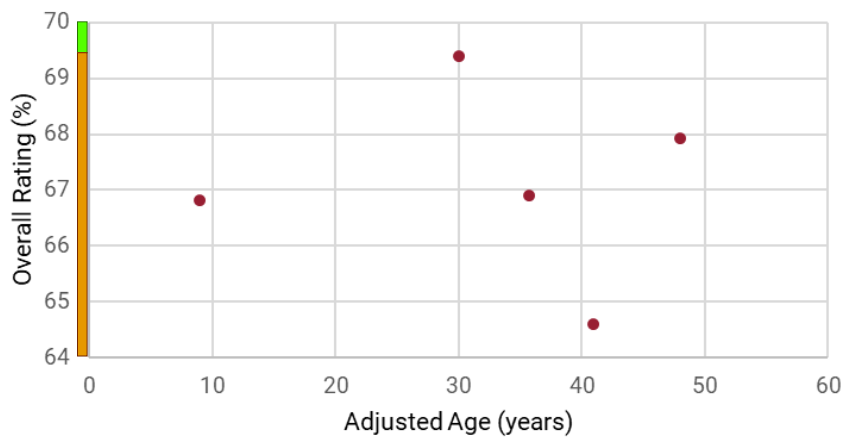
FY 2023 Results: Summary of Deficiencies by Category

| Category | | # of Major Deficiencies | # of Minor Deficiencies |
|------------------------------|--------------------------------------------------------------------|-------------------------|-------------------------|
| Site | Roadways, Parking Lots, & Walkways | 0 | 4 |
| | Grounds | 0 | 0 |
| | Positive Site Drainage Away from Structure(s) | 0 | 0 |
| | Playgrounds, Equipment, & Fields | 0 | 1 |
| | Relocatables & Additional Structures | 0 | 0 |
| Building Exterior | Exterior Structure & Finishes | 0 | 1 |
| | Roof Drains, Gutters, & Downspouts | 0 | 0 |
| | Windows, Caulking, & Skylights | 0 | 0 |
| | Entryways & Exterior Doors | 0 | 0 |
| | Roofs, Flashing, and Gravel Stops | 0 | 0 |
| Building Interior | Interior Doors, Walls, Partitions, & Finishes | 0 | 1 |
| | Floors | 0 | 0 |
| | Interior Cleanliness & Appearance (incl. of Equip. Rooms) | 0 | 0 |
| | Ceilings | 0 | 1 |
| | Interior Lighting | 0 | 1 |
| Building Equipment & Systems | HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters) | 0 | 0 |
| | Electrical Distribution & Service Equipment | 0 | 1 |
| | Boilers, Water Heaters, Steam, & Hot-water Distribution | 0 | 0 |
| | Plumbing Fixtures and Equipment | 0 | 0 |
| | Fire and Safety Systems & Utility Controls | 0 | 3 |
| | Conveyances | 0 | 0 |
| Total | | 0 | 13 |

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Corrective work orders should be created in the CMMS immediately following any inspection where deficiencies or issues are noted and identified as inspection deficiencies. This will help identify trends and common issues in order to better proactively maintain areas.
- All site-specific PM schedules should have the remainder of essential and applicable non-essential assets added and auto-populating PM work orders created to address all maintainable features of equipment and systems at industry-standard frequencies.
- PM activities for roofs, fire and safety systems, and plumbing fixtures and equipment should be added to each facility's PM schedule to help extend the useful life of the existing surfaces and assets, prevent hazardous conditions, and avoid premature capital replacement projects. Safety issues, such as a trouble signal on the fire alarm panel and non-functional eyewash stations, should be reported and addressed immediately.
- A field should be created in the CMMS to track the days each work order has aged to help identify causes of possible bottlenecks and streamline workflow processes. Fields should also be set up to track labor hours and costs to assist in establishing predictable cost trends and support more efficient resource management.
- It is recommended that a water treatment and testing program for all closed-loop hydronic systems be developed and implemented in order to achieve the expected life span of piping, pumps, coils, and associated components, and to avoid interruption of educational delivery due to cooling and heating breakdowns. An internal pipe inspection should be completed to evaluate the damage caused by the observed corrosion in the assessed facilities, and an action plan created to remediate the issues. A water treatment plan should be implemented and routinely maintained by a qualified professional. The CMMS should be used to track hydronic system water treatment activities.

CECIL COUNTY

Total School Facilities Assessed in FY 2023: 4



Fiscal Year 2023: Key Facts



Cecil County has 29 active school facilities.
No change since FY 2022.



The average adjusted age of all 29 school facilities is 29.4 years old.
- 0.6 years since FY 2022.



Cecil County maintains 2,267,203 SF throughout its 29 school facilities. It has the 15th greatest amount of SF of LEAs in MD.
+ 24,634 SF since FY 2022.

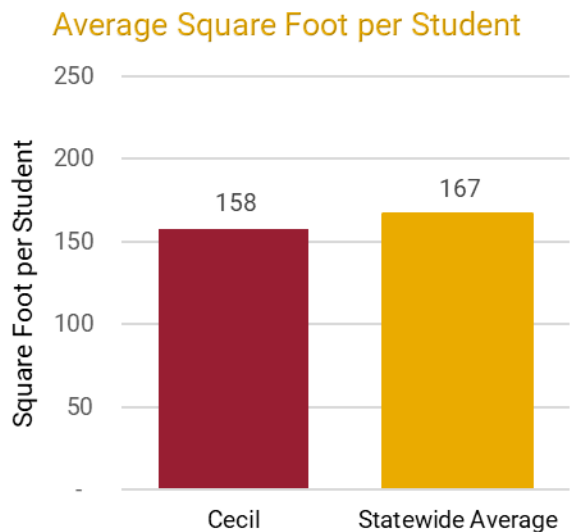


The current replacement value for Cecil County's GSF, at the IAC's current replacement cost/SF, is greater than \$1.0 B.

73.91% (Adequate) = Average Overall Rating for FY 2023
- 1.94% since FY 22

FY 2023 Overall Rating Results by School Type

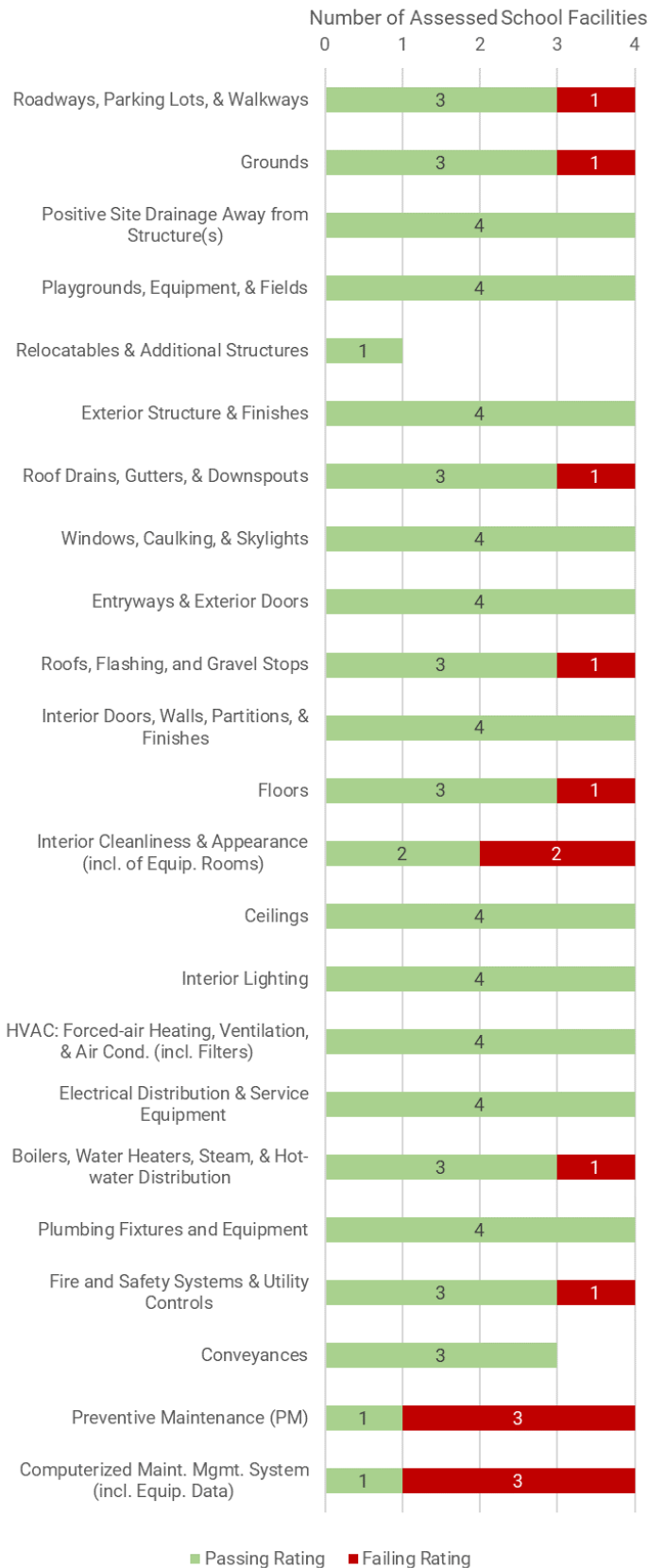
| | Elementary | Middle | High | |
|--------------|------------|--------|------|---|
| Superior | | | | |
| Good | | | | |
| Adequate | 2 | 2 | | 4 |
| Not Adequate | | | | |
| Poor | | | | |
| Totals | 2 | 2 | | 4 |



FY 2023 Results: Summary of School Ratings

| School Name | School Type | Square Footage | Adjusted Age | Overall Rating | Rating of Individual Categories (does not include items not rated) | | | | | Deficiencies | |
|----------------------------------------------|-------------|----------------|--------------|----------------|--------------------------------------------------------------------|----------|-----------|--------------|----------|--------------|----------|
| | | | | | Superior | Good | Adequate | Not Adequate | Poor | Major | Minor |
| 1. North East Middle (07.012) | Middle | 101,200 | 72 | Adequate | 1 | 1 | 16 | 5 | 0 | 0 | 2 |
| 2. Calvert Elementary (07.014) | Elementary | 58,857 | 29 | Adequate | 0 | 3 | 15 | 3 | 0 | 0 | 0 |
| 3. Chesapeake City Elementary (New) (07.015) | Elementary | 65,749 | 2 | Adequate | 2 | 2 | 15 | 3 | 0 | 0 | 0 |
| 4. Perryville Middle (07.018) | Middle | 102,746 | 15 | Adequate | 1 | 1 | 18 | 2 | 0 | 0 | 0 |
| Totals | | | | | 4 | 7 | 64 | 13 | 0 | 0 | 2 |
| Percentage of Total Ratings for System | | | | | 5% | 8% | 73% | 15% | 0% | | |

FY23 Passing vs Failing Rating per Category



Strengths



No issues or concerns were noted with the electrical distribution at three facilities. Electrical panels were noted as having detailed breaker schedules.

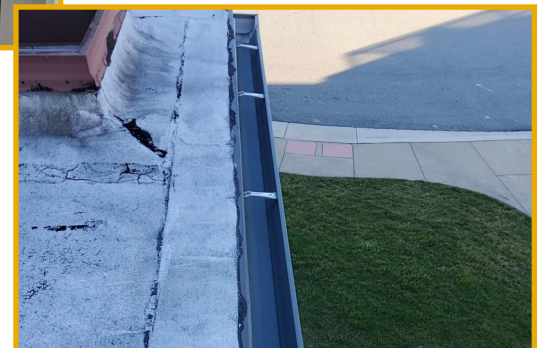
Annual exterior door inspections were included in the PM schedule at three of the facilities assessed. Most of the exterior doors operated as expected and showed little to no signs of damaged or deterioration.



Monthly elevator inspections were included in the PM schedule at every applicable facility. The elevator cabs appeared clean and well lit, and had current DLLR certificates on display. All three applicable facilities earned a Superior rating in the Conveyances category.



Most of the roof drains and gutters were observed free and clear of debris. The roof drains, gutters, and downspouts are evaluated during the routine roof inspections.



Weaknesses

Roadways, parking lots, and walkways were not identified in the PM schedules for the assessed facilities. At two facilities, the parking lots were observed with cracks or deterioration. The walkways were noted with deterioration at two facilities.



Annual boiler maintenance was identified in the PM schedule for one facility but no PM work orders were identified in the PM work order history and the pumps and water heater were not identified in the PM schedule. The boilers and water heaters were not identified in the PM schedules for the other three facilities. While one facility had no issues or concerns with the boilers, water heater, or hot water distribution, the other three facilities had notable concerns; one facility was observed with a leak, one facility was missing a DLLR certificate, and one facility was observed with corrosion on multiple pumps and a bypass feeder.

Some essential assets were not identified in the PM schedules for the assessed facilities, such as backflow preventers, HVAC units, interior lighting, and some DLLR-regulated equipment. Some assets were identified in the PM schedule but not in the PM work order history or were identified in the PM work order history but not in the PM schedule.

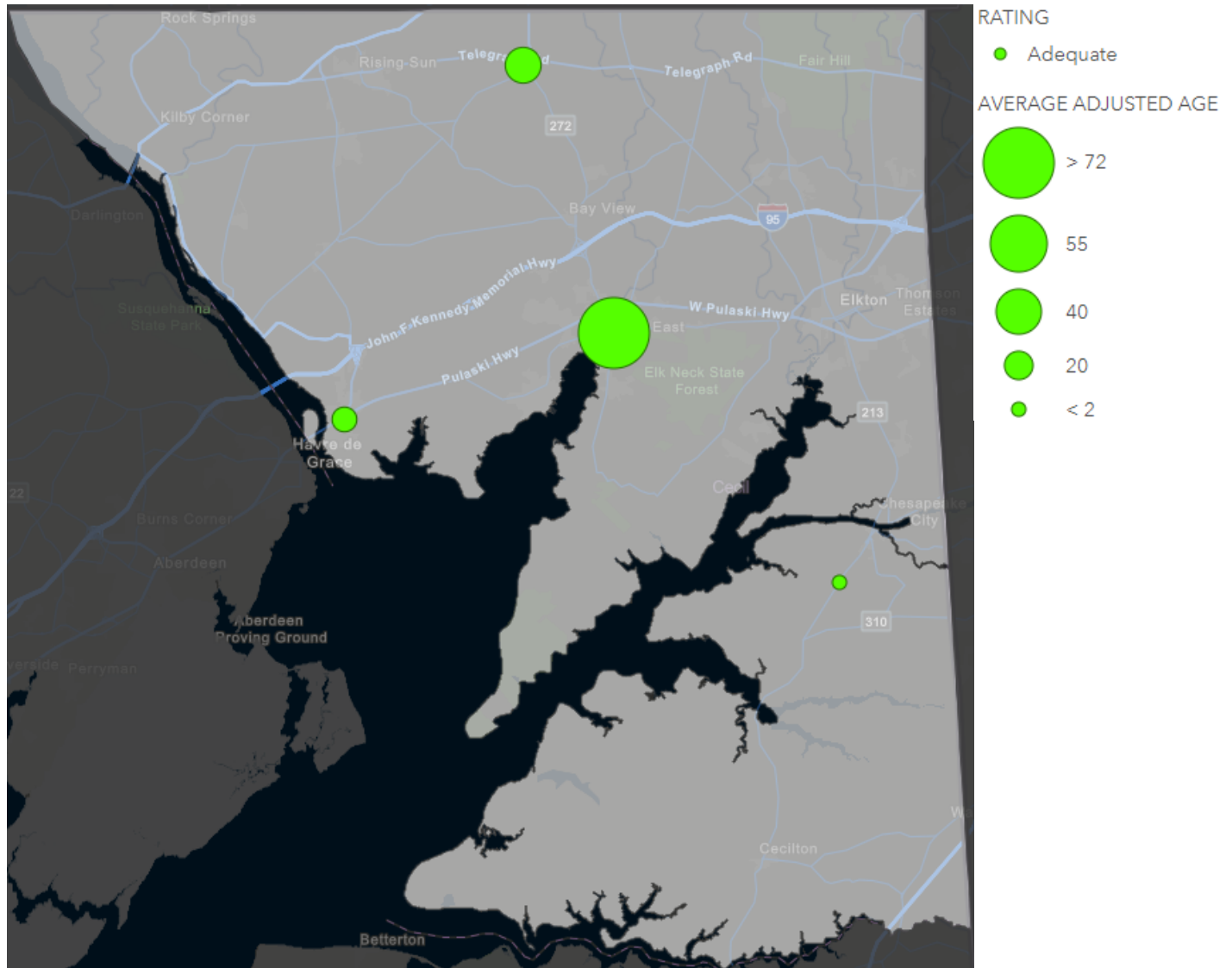


Pest management appeared to be inconsistent. Some facilities had dated sticky traps, some did not. One facility was noted as not using the pest activity log. Three facilities had pest management PM work orders, one did not. Pest activity was identified at three facilities.

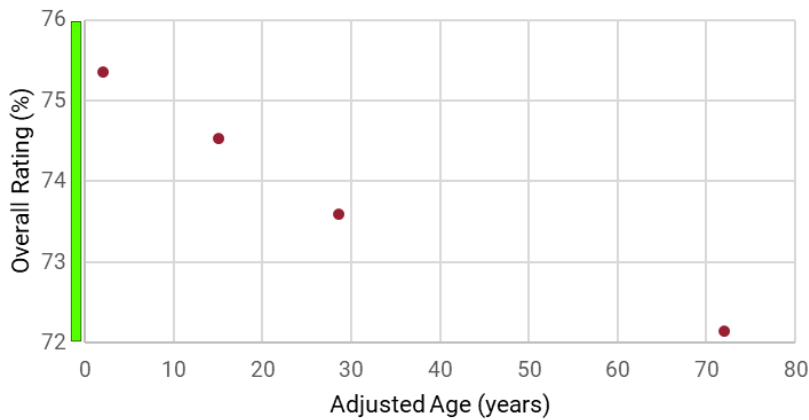
FY 2023 Results: Summary of Deficiencies by Category

| | Category | # of Major Deficiencies | # of Minor Deficiencies |
|------------------------------|--------------------------------------------------------------------|-------------------------|-------------------------|
| Site | Roadways, Parking Lots, & Walkways | 0 | 0 |
| | Grounds | 0 | 1 |
| | Positive Site Drainage Away from Structure(s) | 0 | 0 |
| | Playgrounds, Equipment, & Fields | 0 | 0 |
| | Relocatables & Additional Structures | 0 | 0 |
| Building Exterior | Exterior Structure & Finishes | 0 | 0 |
| | Roof Drains, Gutters, & Downspouts | 0 | 0 |
| | Windows, Caulking, & Skylights | 0 | 0 |
| | Entryways & Exterior Doors | 0 | 0 |
| | Roofs, Flashing, and Gravel Stops | 0 | 0 |
| Building Interior | Interior Doors, Walls, Partitions, & Finishes | 0 | 0 |
| | Floors | 0 | 0 |
| | Interior Cleanliness & Appearance (incl. of Equip. Rooms) | 0 | 0 |
| | Ceilings | 0 | 0 |
| | Interior Lighting | 0 | 0 |
| Building Equipment & Systems | HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters) | 0 | 0 |
| | Electrical Distribution & Service Equipment | 0 | 0 |
| | Boilers, Water Heaters, Steam, & Hot-water Distribution | 0 | 0 |
| | Plumbing Fixtures and Equipment | 0 | 0 |
| | Fire and Safety Systems & Utility Controls | 0 | 1 |
| | Conveyances | 0 | 0 |
| | Total | 0 | 2 |

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Roadways and parking lots should be added to the PM schedule. Consider applying sealants to asphalt parking lots and roadways to slow deterioration until such assets can be resurfaced.
- Corrective work orders should be created in the CMMS immediately following any inspection where deficiencies or issues are noted and identified as inspection deficiencies. This will help identify trends and common issues in order to better proactively maintain areas.
- Expand the asset list for each facility to encompass all essential and non-essential assets to store and manage asset-specific data (such as asset name, purchase date, purchase price, expected life span, model number, serial number, asset tag number or unique identification, type of asset, location, and any other relevant details), and use the CMMS to track the maintenance and repair history as well as performance of each asset over time.
- All site-specific PM schedules should have the remainder of essential and applicable non-essential assets added and auto-populating PM work orders created to address all maintainable features of equipment and systems at industry-standard frequencies.

CHARLES COUNTY

Total School Facilities Assessed in FY 2023: 5

Gale-Bailey Elementary

Fiscal Year 2023: Key Facts

39 facilities

Charles County has 39 active school facilities.
No change since FY 2022.

29.6 years old

The average adjusted age of all 39 school facilities is 29.6 years old.
+ 1 year since FY 2022.

> 4.2 M GSF

Charles County maintains 4,235,048 SF throughout its 39 school facilities. It has the 10th greatest amount of SF of LEAs in MD.

+ 1,155 SF since FY 2022.

> \$1.9 B

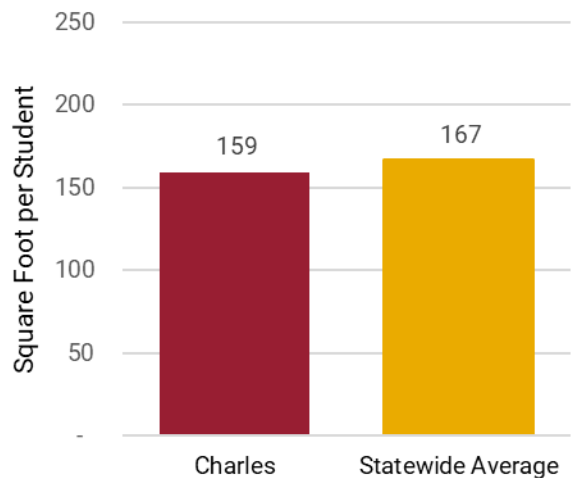
The current replacement value for Charles County's GSF, at the IAC's current replacement cost/SF, is greater than \$1.9 B.

71.35% (Adequate) = Average Overall Rating for FY 2023
- 4.57% since FY 22

FY 2023 Overall Rating Results by School Type

| | Elementary | Middle | High | |
|--------------|------------|--------|------|---|
| Superior | | | | |
| Good | | | | |
| Adequate | 2 | 1 | 1 | 4 |
| Not Adequate | 1 | | | 1 |
| Poor | | | | |
| Totals | 3 | 1 | 1 | 5 |

Average Square Foot per Student

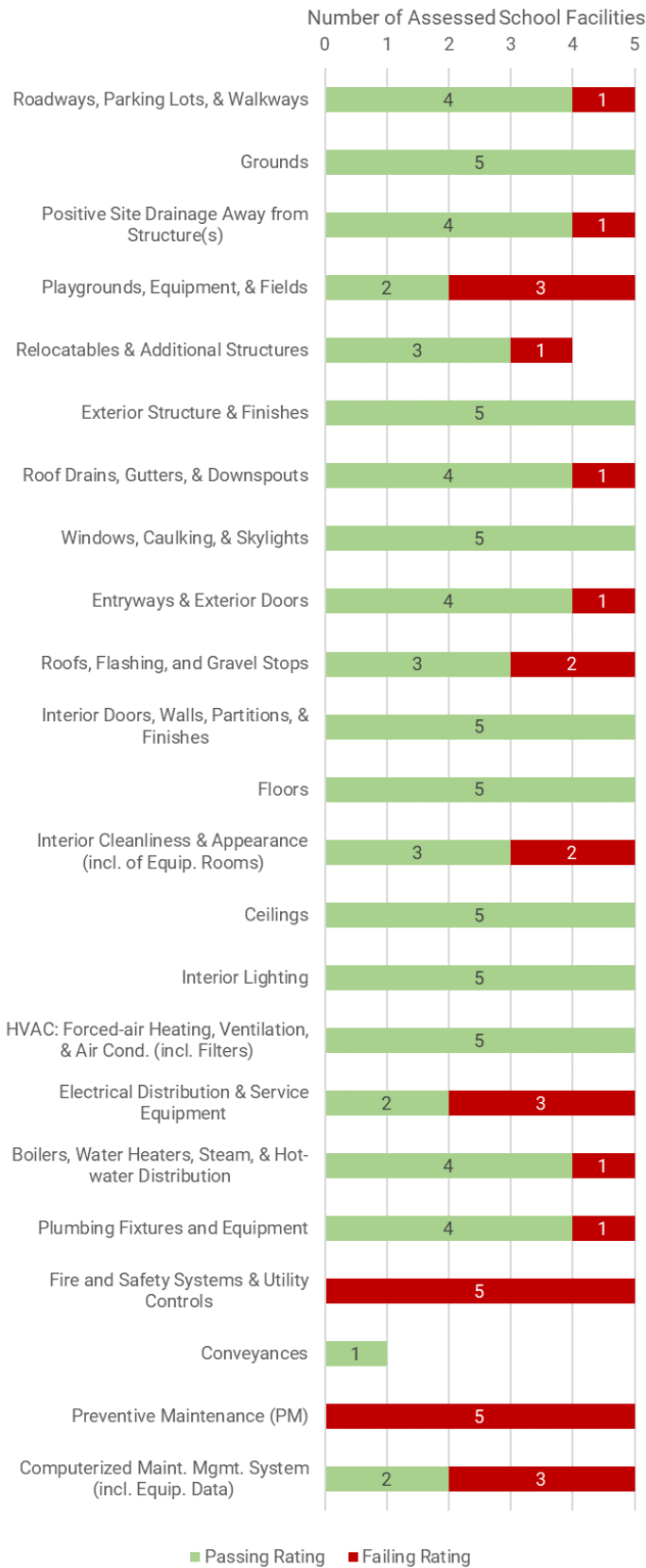


FY 2023 Results: Summary of School Ratings

| School Name | School Type | Square Footage | Adjusted Age | Overall Rating | Rating of Individual Categories (does not include items not rated) | | | | | Deficiencies | |
|-------------------------------------------|-------------|----------------|--------------|----------------|--------------------------------------------------------------------|----------|-----------|--------------|----------|--------------|----------|
| | | | | | Superior | Good | Adequate | Not Adequate | Poor | Major | Minor |
| 1. Dr. James Craik Elementary (08.001) | Elementary | 67,872 | 42 | Adequate | 0 | 1 | 17 | 4 | 0 | 0 | 1 |
| 2. Dr. Gustavus Brown Elementary (08.004) | Elementary | 64,819 | 42 | Adequate | 2 | 2 | 13 | 5 | 0 | 0 | 2 |
| 3. Piccowaxen Middle (08.015) | Middle | 83,032 | 45 | Adequate | 0 | 1 | 14 | 4 | 2 | 0 | 0 |
| 4. Gale-Bailey Elementary (08.029) | Elementary | 51,422 | 44 | Not Adequate | 0 | 0 | 14 | 8 | 0 | 0 | 1 |
| 5. Westlake High (08.031) | High | 186,500 | 30 | Adequate | 1 | 0 | 17 | 5 | 0 | 0 | 1 |
| Totals | | | | | 3 | 4 | 75 | 26 | 2 | 0 | 5 |
| Percentage of Total Ratings for System | | | | | 3% | 4% | 68% | 24% | 2% | | |

FY 2023 Results: Assessment Findings by Category

FY23 Passing vs Failing Rating per Category



Strengths



Most of the grounds appeared maintained, with most storm drains observed free and clear of debris. All five facilities received an Adequate rating in the Grounds category.

The DLLR certificates were current for all applicable boilers, water heaters, and heat exchangers. Boilers and water heaters were identified in the PM schedules for the applicable facilities.



Several different HVAC-related equipment were identified in the PM schedules for the assessed facilities, such as exhaust fans, belt replacement, interior and rooftop HVAC units, and interior and exterior filter changes. Most of the filters were noted as clean and appeared to be dated.

All five facilities were observed with numbered exterior doors and classroom numbers on windows visible from the exterior. This best practice assists building occupants and emergency responders.

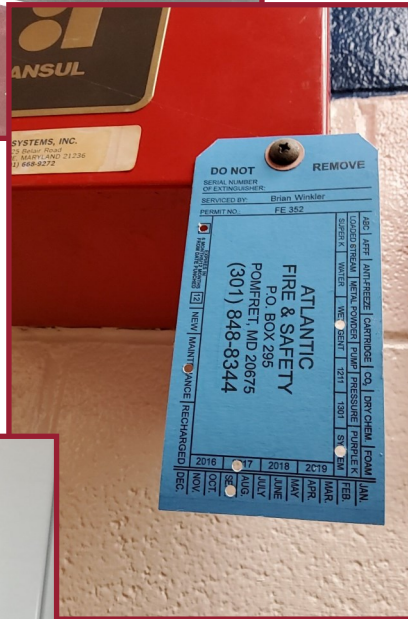


Weaknesses

No playground or bleacher inspection reports were provided in the required pre-assessment documentation for the applicable facilities. Fields, playgrounds, play equipment, bleachers, and hard play surfaces were not identified in the PM schedules for the applicable facilities. The two facilities with tennis courts were observed with cracking which was severe and included vegetation growing from the cracks at one facility.



No annual fire alarm inspection reports were provided in the required pre-assessment documentation for any facility, and fire and safety systems and utility controls were not identified in the PM schedules for the assessed facilities. The ANSUL kitchen hood suppression systems at all five facilities had inspection tags dating back to September and October 2017; the ANSUL inspection tags indicated they expired six months after their inspection date.



Three facilities were noted with breaker blanks missing from electrical panels. The generator appeared to be leaking oil at two facilities, and was not connected to the building's electrical system at another facility. Electrical equipment and generators were not identified in the PM schedules for the assessed facilities.

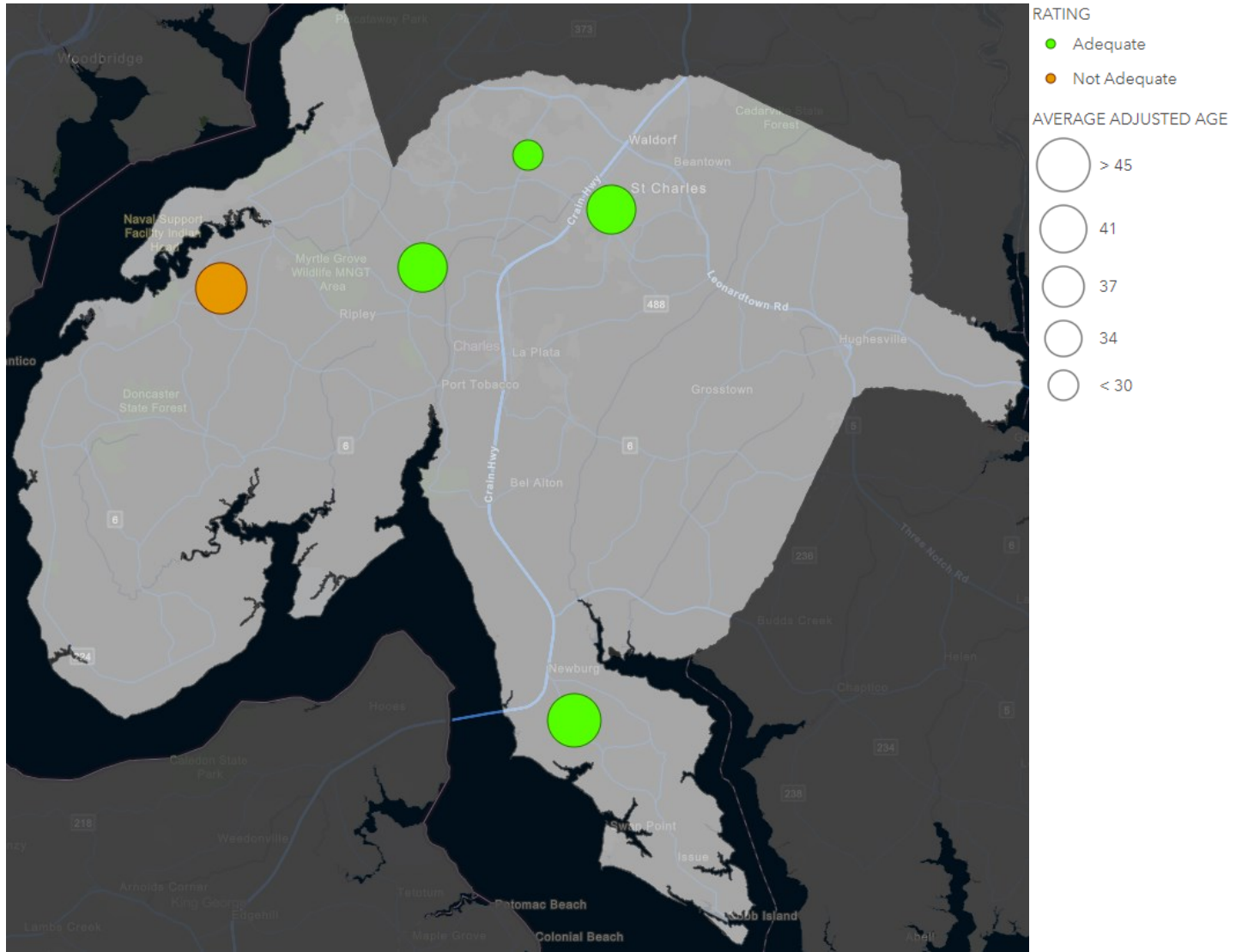


Some essential assets were not identified in the PM schedules for the assessed facilities, such as fire and safety systems, pest management, bleachers, playgrounds, backflow preventers, and generators.

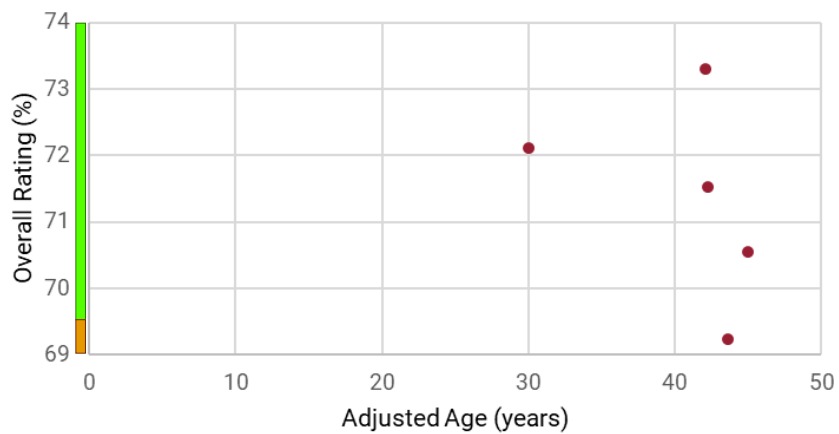
FY 2023 Results: Summary of Deficiencies by Category

| | Category | # of Major Deficiencies | # of Minor Deficiencies |
|------------------------------|--------------------------------------------------------------------|-------------------------|-------------------------|
| Site | Roadways, Parking Lots, & Walkways | 0 | 0 |
| | Grounds | 0 | 0 |
| | Positive Site Drainage Away from Structure(s) | 0 | 0 |
| | Playgrounds, Equipment, & Fields | 0 | 2 |
| | Relocatables & Additional Structures | 0 | 0 |
| Building Exterior | Exterior Structure & Finishes | 0 | 0 |
| | Roof Drains, Gutters, & Downspouts | 0 | 0 |
| | Windows, Caulking, & Skylights | 0 | 0 |
| | Entryways & Exterior Doors | 0 | 0 |
| | Roofs, Flashing, and Gravel Stops | 0 | 0 |
| Building Interior | Interior Doors, Walls, Partitions, & Finishes | 0 | 0 |
| | Floors | 0 | 0 |
| | Interior Cleanliness & Appearance (incl. of Equip. Rooms) | 0 | 0 |
| | Ceilings | 0 | 0 |
| | Interior Lighting | 0 | 0 |
| Building Equipment & Systems | HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters) | 0 | 0 |
| | Electrical Distribution & Service Equipment | 0 | 1 |
| | Boilers, Water Heaters, Steam, & Hot-water Distribution | 0 | 0 |
| | Plumbing Fixtures and Equipment | 0 | 0 |
| | Fire and Safety Systems & Utility Controls | 0 | 2 |
| | Conveyances | 0 | 0 |
| Total | | 0 | 5 |

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Expand the asset list for each facility to encompass all essential and non-essential assets to store and manage asset-specific data (such as asset name, purchase date, purchase price, expected life span, model number, serial number, asset tag number or unique identification, type of asset, location, and any other relevant details), and use the CMMS to track the maintenance and repair history as well as performance of each asset over time.
- All site-specific PM schedules should have the remainder of essential and applicable non-essential assets added and auto-populating PM work orders created to address all maintainable features of equipment and systems at industry-standard frequencies.
- Implementing quality control procedures is recommended to ensure PM work orders are being completed effectively and the actions taken to complete the work are recorded accurately.
- Regularly scheduled playground and bleacher inspections should be created and tracked using the CMMS. Additional training on playground and bleacher maintenance procedures and requirements may be needed to ensure the required inspections, cleaning, and repairs are taking place. Safety issues should be reported and addressed immediately.
- All fire and safety systems and components should have PM activities scheduled at the appropriate frequencies and tracked using the CMMS. Depending on what is installed at each facility, the PM schedule may include PM activities for fire extinguishers, battery-operated emergency lights and exit features, fire doors, kitchen hood suppression, smoke evacuation dampers, and stairwell pressurization fans.
- Abandoned equipment should be permanently disconnected from the power source and the supply terminated. Best practice is to remove abandoned equipment.

DORCHESTER COUNTY

Total School Facilities Assessed in FY 2023: 3



Choptank Elementary

Fiscal Year 2023: Key Facts

14
facilities

Dorchester County has 14 active school facilities.
No change since FY 2022.

31.3
years old

The average adjusted age of all 14 school facilities is 31.3 years old.
+ 1 year since FY 2022.

> 0.9 M
GSF

Dorchester County maintains 970,840 SF throughout its 14 school facilities. It has the 19th greatest amount of SF of LEAs in MD.

No change since FY 2022.

> \$0.4 B

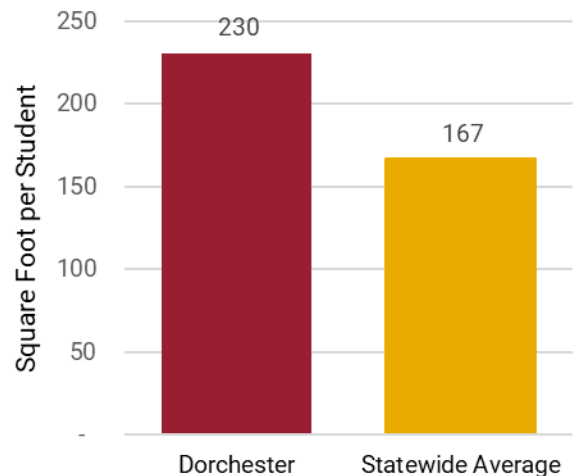
The current replacement value for Dorchester County's GSF, at the IAC's current replacement cost/SF, is greater than \$0.4 B.

71.90% (Adequate) = Average Overall Rating for FY 2023
+ 1.36% since FY 22

FY 2023 Overall Rating Results by School Type

| | Elementary | Middle | High | |
|--------------|------------|--------|------|---|
| Superior | | | | |
| Good | | | | |
| Adequate | 2 | 1 | | 3 |
| Not Adequate | | | | |
| Poor | | | | |
| Totals | 2 | 1 | | 3 |

Average Square Foot per Student

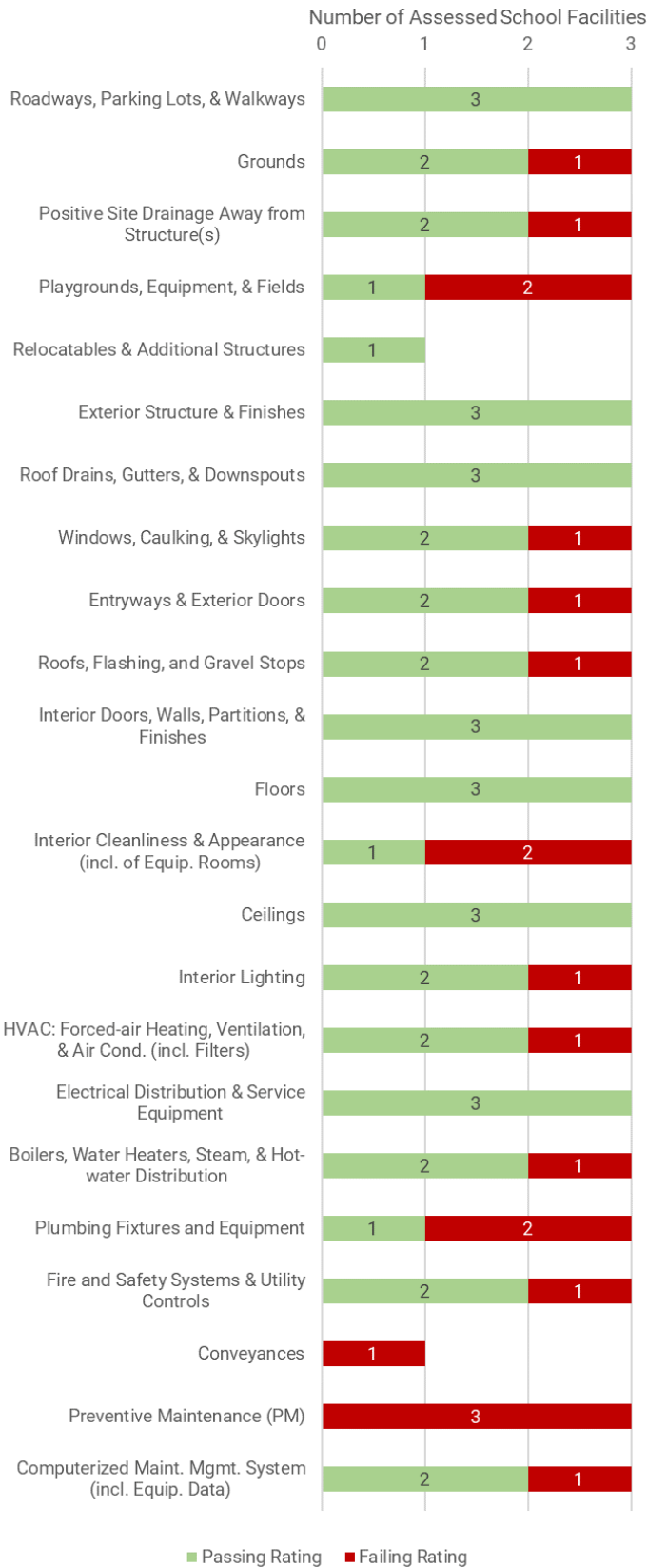


DORCHESTER COUNTY

FY 2023 Results: Summary of School Ratings

| School Name | School Type | Square Footage | Adjusted Age | Overall Rating | Rating of Individual Categories (does not include items not rated) | | | | | Deficiencies | |
|----------------------------------------|-------------|----------------|--------------|----------------|--------------------------------------------------------------------|------|----------|--------------|------|--------------|-------|
| | | | | | Superior | Good | Adequate | Not Adequate | Poor | Major | Minor |
| 1. Choptank Elementary (09.016) | Elementary | 45,815 | 25 | Adequate | 0 | 2 | 14 | 6 | 0 | 0 | 2 |
| 2. Judy Hoyer Center (09.017) | Elementary | 9,444 | 62 | Adequate | 1 | 0 | 18 | 2 | 0 | 0 | 1 |
| 3. North Dorchester Middle (09.019) | Middle | 92,941 | 13 | Adequate | 0 | 0 | 13 | 9 | 0 | 0 | 0 |
| Totals | | | | | 1 | 2 | 45 | 17 | 0 | 0 | 3 |
| Percentage of Total Ratings for System | | | | | 2% | 3% | 69% | 26% | 0% | | |

FY23 Passing vs Failing Rating per Category



Strengths



The roof drains, gutters, and downspouts appeared adequately maintained. Per the LEA's CMP, trash and debris are removed from the roof drains and gutters quarterly.

The exterior structure and finishes appeared adequately maintained at all three facilities. Two facilities were observed with evidence of sealant being applied to a few areas of the exterior walls.



The majority of exterior doors appeared to be maintained well and operate correctly. One facility had no issues or concerns identified with the exterior doors or entryways.

Two facilities had evidence of sealant being applied to the roadways and parking lots to extend their lifespan. No issues or concerns were observed with those areas at the third facility.



Weaknesses

Many essential assets were not identified in the PM work order histories for the assessed facilities, such as switchgear, roofs, generators, backflow preventers, interior lighting, playgrounds, water heaters, conveyances, and pest management activities.



One facility was noted with having a completed PM work order for restroom fixtures and was observed with only a minor leak at one toilet fixture. The other two assessed facilities were identified with multiple corroded and leaking toilet fixtures; an open restroom fixtures PM work order was identified in the CMMS history for one facility but no completed PM work orders, and there were no plumbing fixtures or equipment PM work orders identified in the CMMS history or PM schedule for the other facility.



Some of the sticky pest traps were not dated to track pest activity and two facilities were observed with pests in traps in food areas and snap traps missing bait. Pest management PM activities were not tracked using the CMMS for any of the assessed facilities.

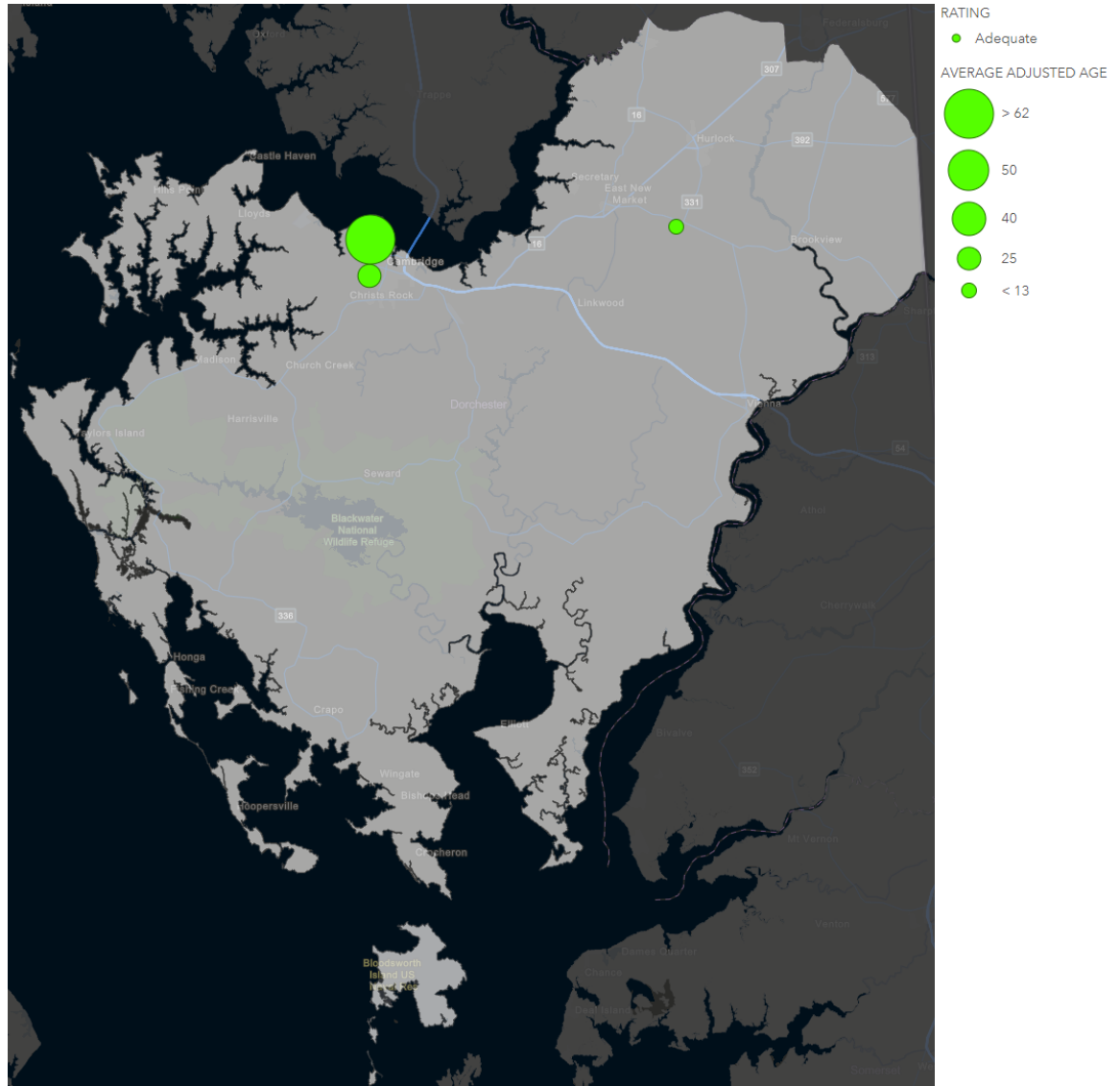


Potential safety issues were observed on the playgrounds at the two facilities with these assets. Scheduled playground inspections are identified in the CMP, but were not tracked using the CMMS and did not appear in the PM history for either of the applicable facilities.

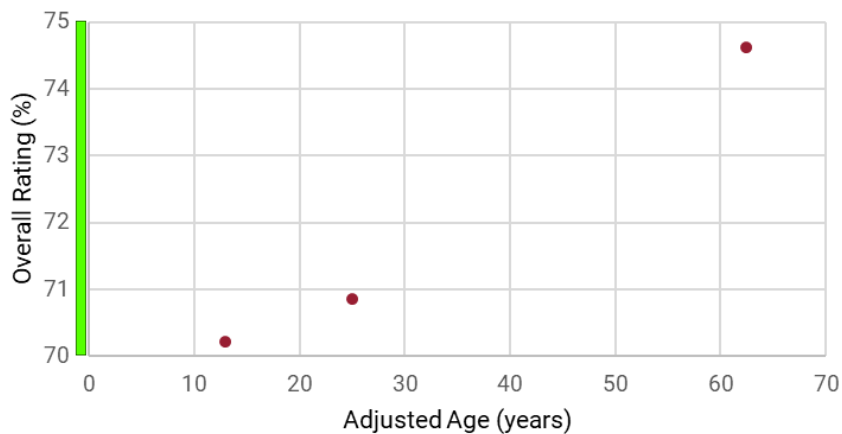
FY 2023 Results: Summary of Deficiencies by Category

| Category | | # of Major Deficiencies | # of Minor Deficiencies |
|------------------------------|--------------------------------------------------------------------|-------------------------|-------------------------|
| Site | Roadways, Parking Lots, & Walkways | 0 | 0 |
| | Grounds | 0 | 1 |
| | Positive Site Drainage Away from Structure(s) | 0 | 0 |
| | Playgrounds, Equipment, & Fields | 0 | 1 |
| | Relocatables & Additional Structures | 0 | 0 |
| Building Exterior | Exterior Structure & Finishes | 0 | 0 |
| | Roof Drains, Gutters, & Downspouts | 0 | 0 |
| | Windows, Caulking, & Skylights | 0 | 0 |
| | Entryways & Exterior Doors | 0 | 0 |
| | Roofs, Flashing, and Gravel Stops | 0 | 0 |
| Building Interior | Interior Doors, Walls, Partitions, & Finishes | 0 | 0 |
| | Floors | 0 | 0 |
| | Interior Cleanliness & Appearance (incl. of Equip. Rooms) | 0 | 0 |
| | Ceilings | 0 | 0 |
| | Interior Lighting | 0 | 1 |
| Building Equipment & Systems | HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters) | 0 | 0 |
| | Electrical Distribution & Service Equipment | 0 | 0 |
| | Boilers, Water Heaters, Steam, & Hot-water Distribution | 0 | 0 |
| | Plumbing Fixtures and Equipment | 0 | 0 |
| | Fire and Safety Systems & Utility Controls | 0 | 0 |
| | Conveyances | 0 | 0 |
| Total | | 0 | 3 |

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Expand the asset list for each facility to encompass all essential and non-essential assets to store and manage asset-specific data (such as asset name, purchase date, purchase price, expected life span, model number, serial number, asset tag number or unique identification, type of asset, location, and any other relevant details), and use the CMMS to track the maintenance and repair history as well as performance of each asset over time.
- All essential assets should have auto-populating PM work orders created in the CMMS. These work orders should be scheduled to ensure the activities occur at industry-standard frequencies and within a reasonable timeframe of the expected completion.
- Regularly scheduled playground inspections should be created and tracked using the CMMS. Additional training on playground maintenance procedures and requirements may be needed to ensure the required inspections, cleaning, and repairs are taking place. Safety issues should be reported and addressed immediately.
- Implementing quality control procedures is recommended to ensure PM work orders are being completed effectively and the actions taken to complete the work are recorded accurately.

FREDERICK COUNTY

Total School Facilities Assessed in FY 2023: 8



Wolfsville Elementary

Fiscal Year 2023: Key Facts

67
facilities

Frederick County has 67 active school facilities.
- 1 facility since FY 2022.

28.1
years old

The average adjusted age of all 67 school facilities is 28.1 years old.
+ 0.9 years since FY 2022.

< 6.8 M
GSF

Frederick County maintains 6,784,025 SF throughout its 67 school facilities. It has the 7th greatest amount of SF of LEAs in MD.
- 27,000 SF since FY 2022.

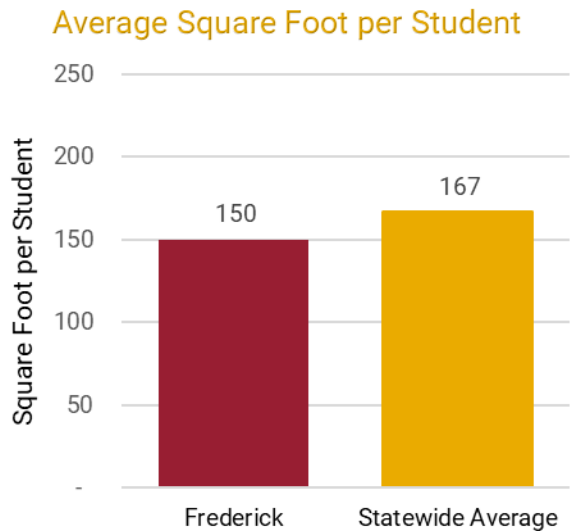
~ \$3.1 B

The current replacement value for Frederick County's GSF, at the IAC's current replacement cost/SF, is approximately \$3.1 B.

76.93% (Adequate) = Average Overall Rating for FY 2023
- 1.26% since FY 22

FY 2023 Overall Rating Results by School Type

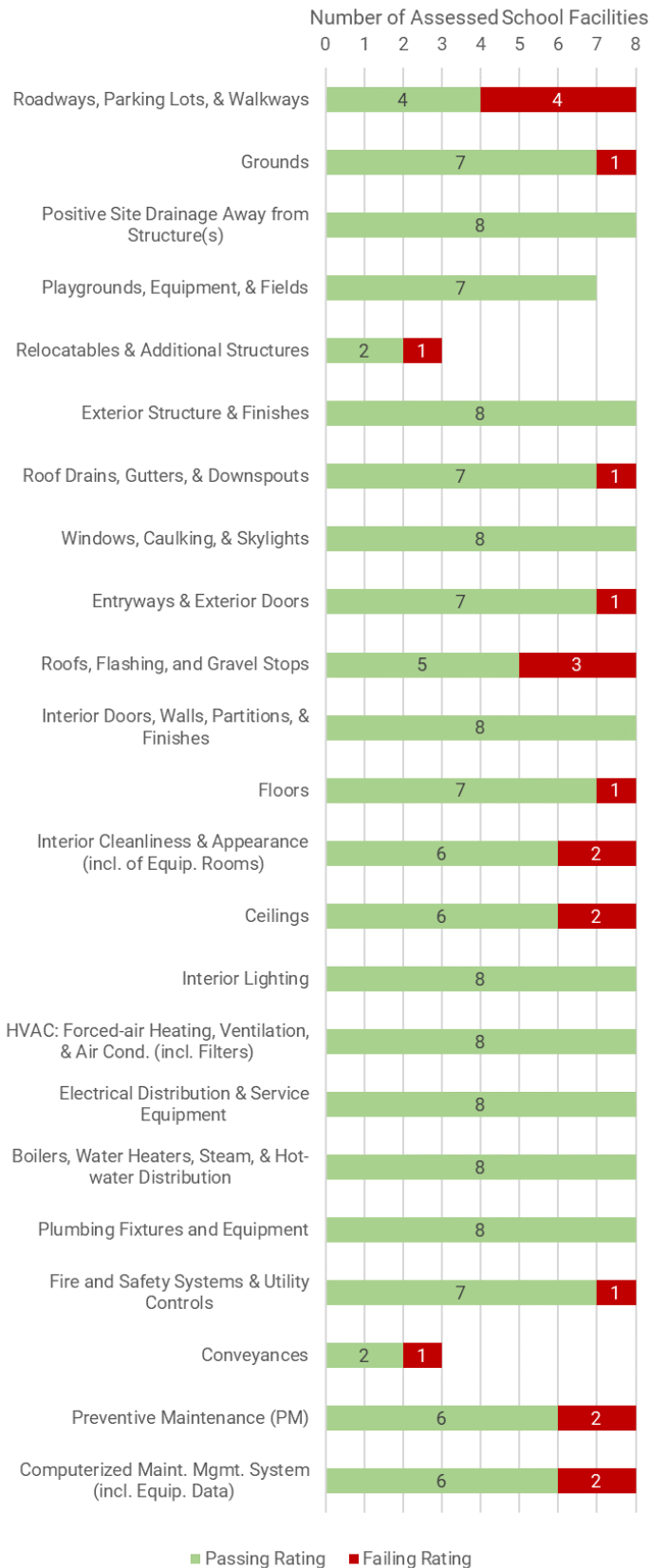
| | Elementary | Middle | High | Career Tech | |
|--------------|------------|--------|------|-------------|---|
| Superior | | | | | |
| Good | 2 | | | | 2 |
| Adequate | 2 | 3 | | 1 | 6 |
| Not Adequate | | | | | |
| Poor | | | | | |
| Totals | 4 | 3 | | 1 | 8 |



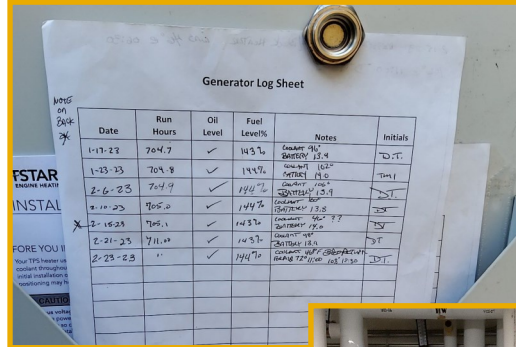
FY 2023 Results: Summary of School Ratings

| School Name | School Type | Square Footage | Adjusted Age | Overall Rating | Rating of Individual Categories (does not include items not rated) | | | | | Deficiencies | |
|----------------------------------------|-------------|----------------|--------------|----------------|--------------------------------------------------------------------|-----------|------------|--------------|----------|--------------|----------|
| | | | | | Superior | Good | Adequate | Not Adequate | Poor | Major | Minor |
| 1. Middletown Elementary (10.001) | Elementary | 54,854 | 49 | Adequate | 1 | 5 | 15 | 1 | 0 | 0 | 1 |
| 2. Urbana Elementary (10.022) | Elementary | 98,360 | 2 | Good | 3 | 6 | 13 | 0 | 0 | 0 | 1 |
| 3. Career & Technology Center (10.026) | Career Tech | 86,681 | 42 | Adequate | 0 | 4 | 13 | 4 | 0 | 0 | 0 |
| 4. New Market Middle (10.031) | Middle | 114,936 | 49 | Adequate | 1 | 4 | 15 | 3 | 0 | 0 | 1 |
| 5. Ballenger Creek Middle (10.041) | Middle | 113,850 | 32 | Adequate | 2 | 3 | 14 | 2 | 0 | 0 | 2 |
| 6. Walkersville Middle (10.045) | Middle | 119,353 | 47 | Adequate | 2 | 5 | 11 | 3 | 0 | 0 | 1 |
| 7. Wolfsville Elementary (10.056) | Elementary | 41,657 | 38 | Adequate | 2 | 5 | 14 | 1 | 0 | 0 | 1 |
| 8. Thurmont Primary (10.064) | Elementary | 66,334 | 20 | Good | 3 | 4 | 13 | 1 | 0 | 0 | 0 |
| Totals | | | | | 14 | 36 | 108 | 15 | 0 | 0 | 7 |
| Percentage of Total Ratings for System | | | | | 8% | 21% | 62% | 9% | 0% | | |

FY23 Passing vs Failing Rating per Category



Strengths



For the six applicable facilities, the generators and automatic transfer switches are identified in the PM schedule. All eight of the assessed facilities earned either a Good or Superior rating in the Electrical Distribution & Service Equipment category.

No issues or concerns were identified with the boilers or water heaters at seven facilities. The DLLR certificates were current for all applicable boilers, water heaters, and heat exchangers. Four facilities earned a Superior rating in the Boilers, Water Heaters, Steam, & Hot-water Distribution category.



It appears all essential and most of the non-essential assets are identified and included in the PM schedule for each facility. There are 1,400 or more assets in the asset list and 100 or more individual PM checks in the PM schedule for each facility. Dating filters appears to be an LEA-wide practice to track the date when each was installed.

The PM schedule for each facility included inspections for multiple types of doors scheduled at various frequencies and PM inspections for manual and electric curtains and partitions when applicable.



Weaknesses

Roadways, parking lots, and walkways were not identified in the PM schedules for the assessed facilities.

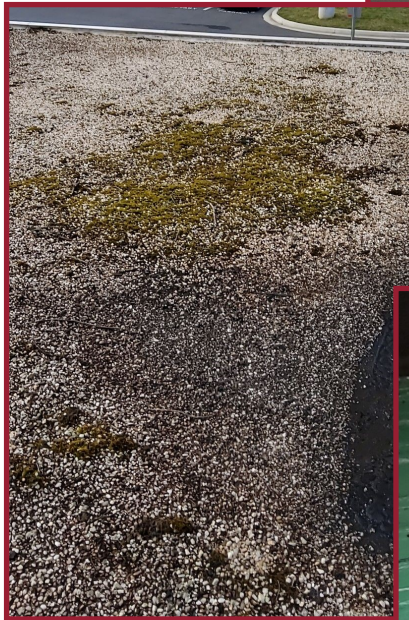
Four facilities were noted with minor trip hazards due to uneven surfaces between the curbs and walkways.

Light to widespread cracking was observed in the roads and/or parking lots at six facilities.



Ceilings were not identified in the PM schedules for the assessed facilities. Five facilities were observed with stained ceiling tiles, and four facilities had sagging or improperly seated ceiling tiles.

Vegetative growth or debris were identified on the roofs at five facilities. The routine roof inspection reports are being completed, however, two facilities did not have follow-up corrective action work orders in their CMMS work order history to address the concerns noted in their roof reports.

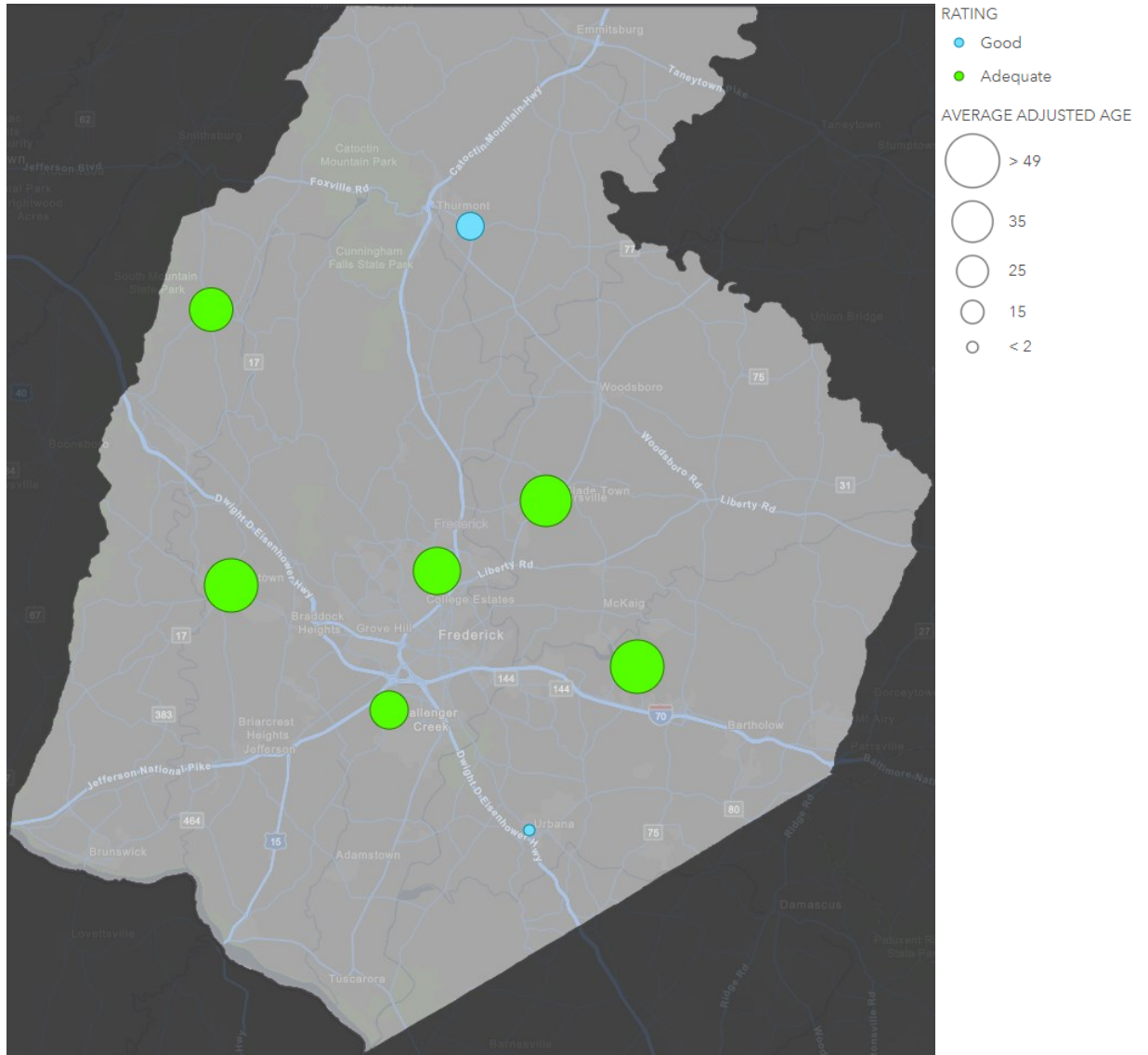


Pest management PM activities were not tracked using the CMMS for any of the assessed facilities. Rodent droppings were noted in the kitchen area at two facilities.

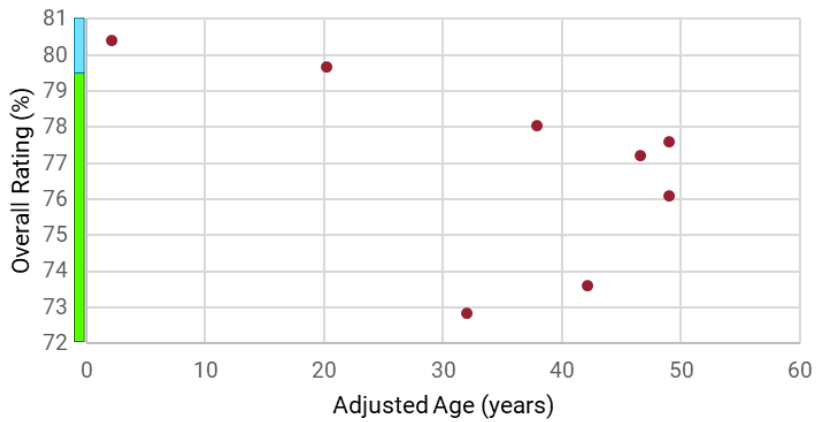
FY 2023 Results: Summary of Deficiencies by Category

| | Category | # of Major Deficiencies | # of Minor Deficiencies |
|------------------------------|--------------------------------------------------------------------|-------------------------|-------------------------|
| Site | Roadways, Parking Lots, & Walkways | 0 | 4 |
| | Grounds | 0 | 1 |
| | Positive Site Drainage Away from Structure(s) | 0 | 0 |
| | Playgrounds, Equipment, & Fields | 0 | 0 |
| | Relocatables & Additional Structures | 0 | 0 |
| Building Exterior | Exterior Structure & Finishes | 0 | 0 |
| | Roof Drains, Gutters, & Downspouts | 0 | 0 |
| | Windows, Caulking, & Skylights | 0 | 0 |
| | Entryways & Exterior Doors | 0 | 0 |
| | Roofs, Flashing, and Gravel Stops | 0 | 0 |
| Building Interior | Interior Doors, Walls, Partitions, & Finishes | 0 | 0 |
| | Floors | 0 | 0 |
| | Interior Cleanliness & Appearance (incl. of Equip. Rooms) | 0 | 0 |
| | Ceilings | 0 | 0 |
| | Interior Lighting | 0 | 0 |
| Building Equipment & Systems | HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters) | 0 | 0 |
| | Electrical Distribution & Service Equipment | 0 | 0 |
| | Boilers, Water Heaters, Steam, & Hot-water Distribution | 0 | 0 |
| | Plumbing Fixtures and Equipment | 0 | 0 |
| | Fire and Safety Systems & Utility Controls | 0 | 1 |
| | Conveyances | 0 | 1 |
| | Total | 0 | 7 |

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Roadways and parking lots should be added to the PM schedule. Consider applying sealants to asphalt parking lots and roadways to slow deterioration until such assets can be resurfaced.
- Regularly scheduled ceiling inspections should be created and tracked using the CMMS to identify any ceiling tiles missing, stained, or damaged. Corrective work orders should be created in the CMMS immediately following any inspection where deficiencies or issues are noted. Stained ceiling tiles should be replaced once the cause is identified and repaired.
- Pest management PM activities should have auto-populating PM work orders created in the CMMS and scheduled to ensure the activities occur at industry-standard frequencies and within a reasonable timeframe of the expected completion. The custodial duties outlined in the IPM booklet should also be reflected in the custodial scope of work.
- Corrective work orders should be created in the CMMS immediately following any inspection where deficiencies or issues are noted and identified as inspection deficiencies. This will help identify trends and common issues in order to better proactively maintain areas.
- A field should be created in the CMMS to track the days each work order has aged to help identify causes of possible bottlenecks and streamline workflow processes.

GARRETT COUNTY

Total School Facilities Assessed in FY 2023: 3



Southern High

Fiscal Year 2023: Key Facts



Garrett County has 13 active school facilities.
No change since FY 2022.



The average adjusted age of all 13 school facilities is 35.0 years old.
+ 1 year since FY 2022.



Garrett County maintains 741,671 SF throughout its 13 school facilities. It has the 21st greatest amount of SF of LEAs in MD.

No change since FY 2022.



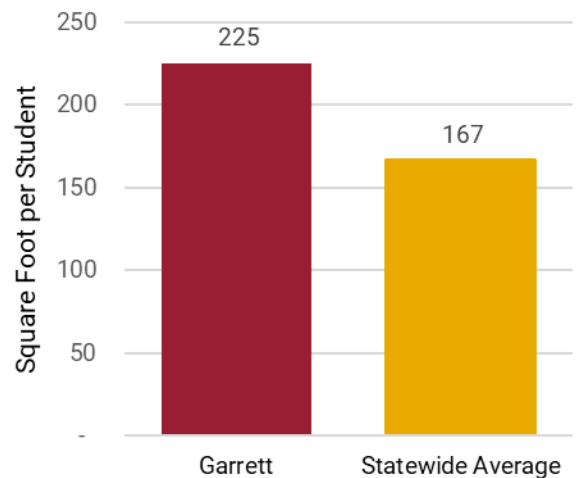
The current replacement value for Garrett County's GSF, at the IAC's current replacement cost/SF, is greater than \$0.3 B.

70.40% (Adequate) = Average Overall Rating for FY 2023
- 1.30% since FY 22

FY 2023 Overall Rating Results by School Type

| | Elementary/ Middle | Middle | High | |
|--------------|-----------------------|--------|------|---|
| Superior | | | | |
| Good | | | | |
| Adequate | 1 | 1 | | 2 |
| Not Adequate | | | 1 | 1 |
| Poor | | | | |
| Totals | 1 | 1 | 1 | 3 |

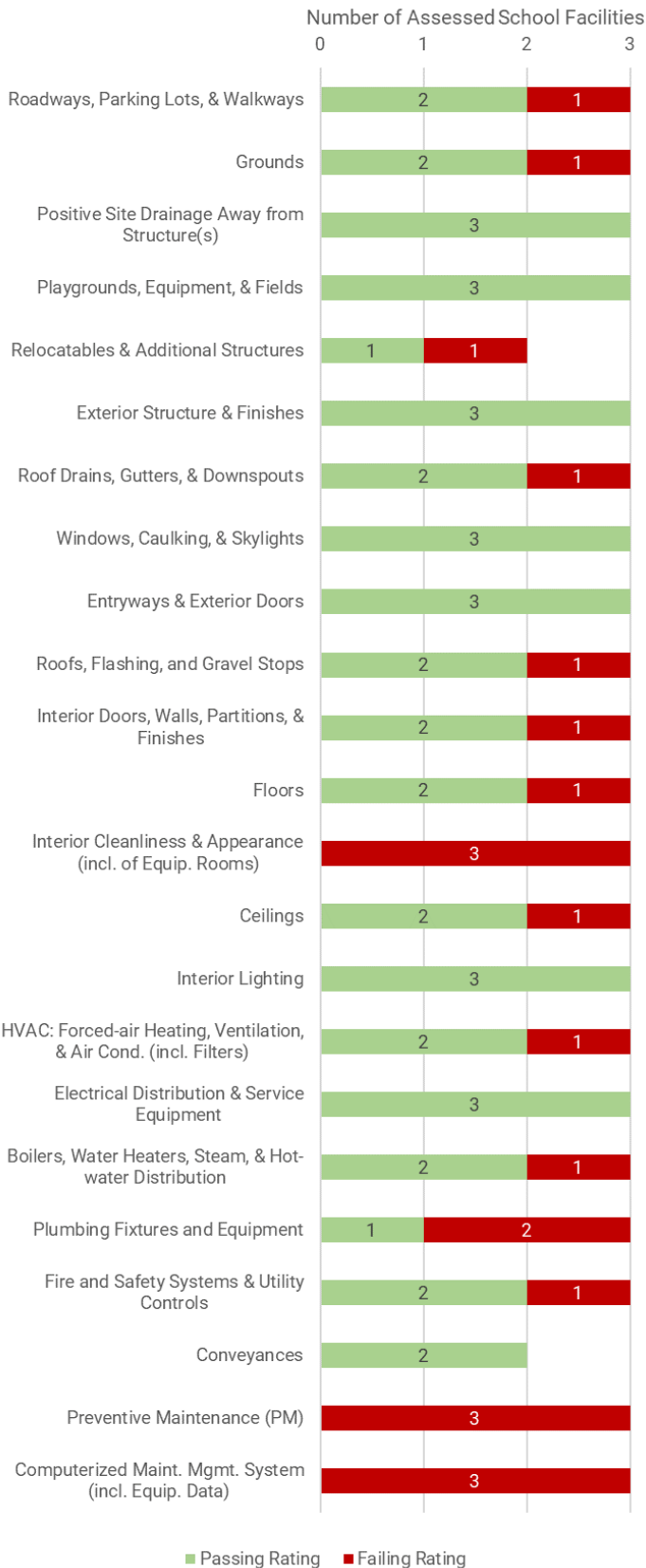
Average Square Foot per Student



FY 2023 Results: Summary of School Ratings

| School Name | School Type | Square Footage | Adjusted Age | Overall Rating | Rating of Individual Categories (does not include items not rated) | | | | | Deficiencies | |
|-----------------------------------------------|-----------------------|----------------|--------------|----------------|-----------------------------------------------------------------------|------|----------|--------------|------|--------------|-------|
| | | | | | Superior | Good | Adequate | Not Adequate | Poor | Major | Minor |
| 1. Southern High (11.005) | High | 177,715 | 34 | Not Adequate | 0 | 1 | 11 | 11 | 0 | 0 | 7 |
| 2. Northern Middle (11.009) | Middle | 84,008 | 13 | Adequate | 1 | 1 | 15 | 5 | 0 | 0 | 0 |
| 3. Swan Meadow Elementary (11.016) | Elementary/ Middle | 7,572 | 37 | Adequate | 2 | 2 | 15 | 3 | 0 | 0 | 0 |
| Totals | | | | | 3 | 4 | 41 | 19 | 0 | 0 | 7 |
| Percentage of Total Ratings for System | | | | | 4% | 6% | 61% | 28% | 0% | | |

FY23 Passing vs Failing Rating per Category



Strengths



The corridors and classrooms at all three facilities were found to be adequately lit for a proper learning environment.

The brick exteriors at all three facilities appeared to be structurally sound and waterproof. One facility was noted as having well-maintained expansion joint sealants.



No issues or concerns were observed with the electrical distribution or service equipment at two of the assessed facilities. Proper lockout/tagout procedures were noted at one facility. One facility received a Good rating and the other two each earned a Superior rating for the Electrical Distribution & Service Equipment category.

One facility received a Good rating in the Playgrounds, Equipment, & Fields category. Consistent maintenance practices were observed at all three assessed facilities.



Weaknesses

At all three facilities, the PM schedule was missing some of the building's essential assets, such as backflow preventers, fire extinguishers, and emergency lighting.



Inconsistent custodial practices were identified at all three facilities. One facility was noted with blocked emergency exit doors and blocked access to electrical panels. All three facilities received a Not Adequate rating in the Interior Cleanliness & Appearance (incl. of Equip. Rooms) category.

The backflow preventers in two facilities were missing inspection tags to verify that they were in proper working order. Backflow preventer inspections were not identified in the LEA's PM schedule or PM work orders.

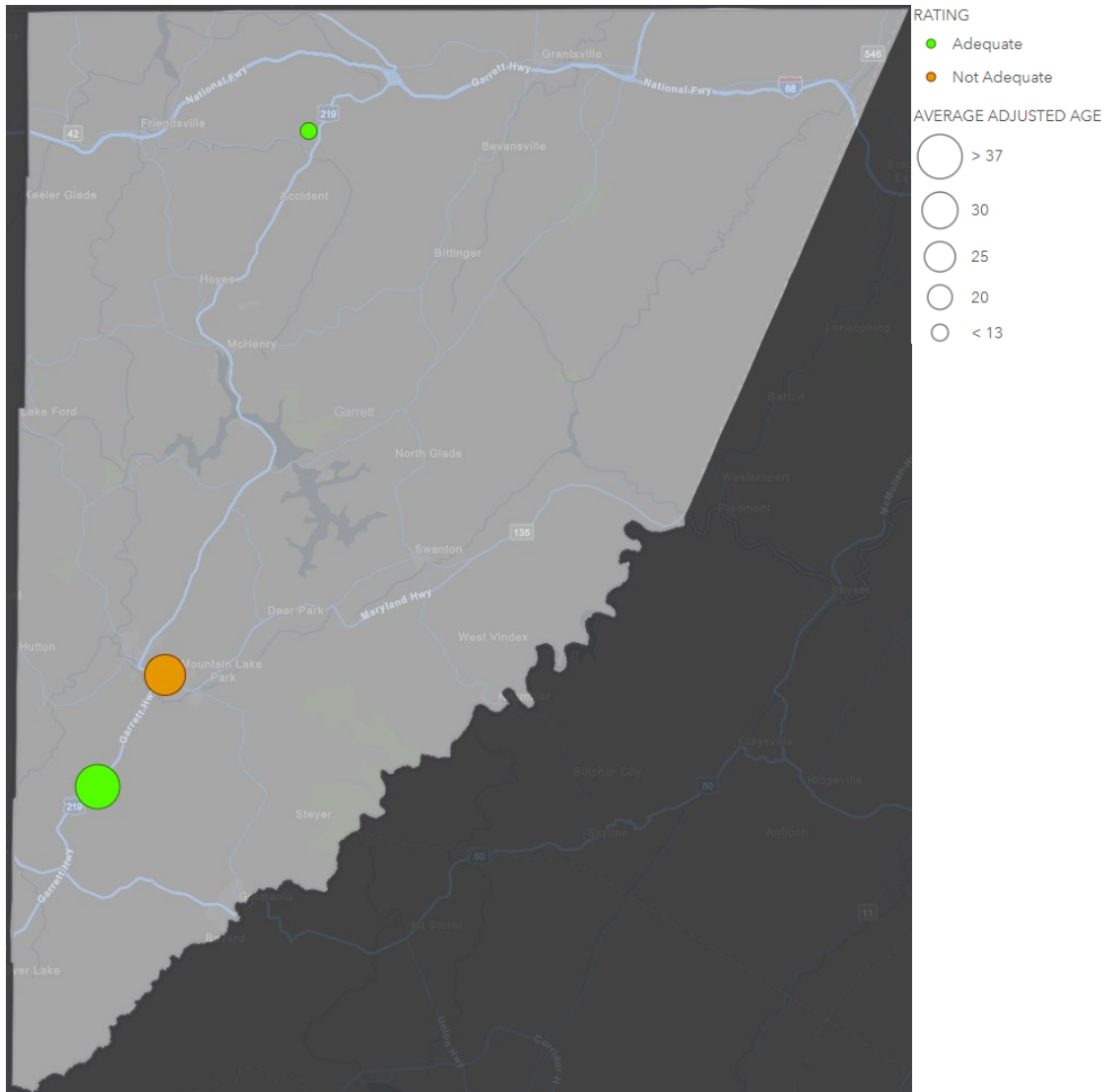


Cracked and deteriorating surfaces were identified in the roadways and parking lots at two of the assessed facilities.

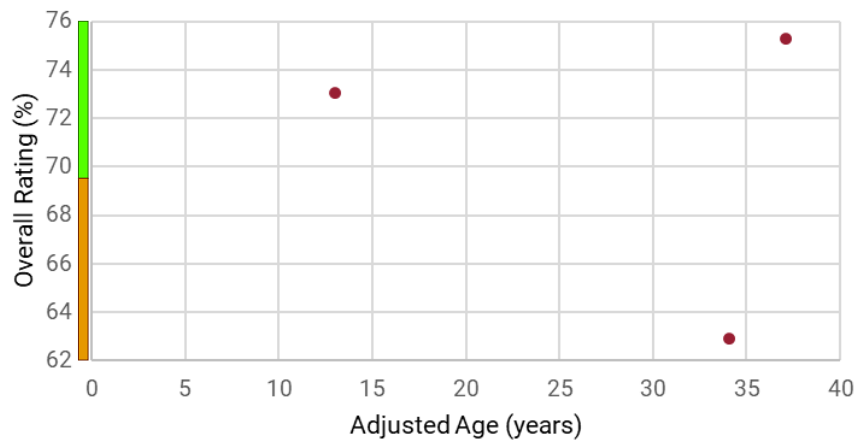
FY 2023 Results: Summary of Deficiencies by Category

| | Category | # of Major Deficiencies | # of Minor Deficiencies |
|------------------------------|--------------------------------------------------------------------|--------------------------------|--------------------------------|
| Site | Roadways, Parking Lots, & Walkways | 0 | 1 |
| | Grounds | 0 | 1 |
| | Positive Site Drainage Away from Structure(s) | 0 | 0 |
| | Playgrounds, Equipment, & Fields | 0 | 0 |
| | Relocatables & Additional Structures | 0 | 1 |
| Building Exterior | Exterior Structure & Finishes | 0 | 0 |
| | Roof Drains, Gutters, & Downspouts | 0 | 0 |
| | Windows, Caulking, & Skylights | 0 | 0 |
| | Entryways & Exterior Doors | 0 | 0 |
| | Roofs, Flashing, and Gravel Stops | 0 | 0 |
| Building Interior | Interior Doors, Walls, Partitions, & Finishes | 0 | 1 |
| | Floors | 0 | 0 |
| | Interior Cleanliness & Appearance (incl. of Equip. Rooms) | 0 | 0 |
| | Ceilings | 0 | 1 |
| | Interior Lighting | 0 | 0 |
| Building Equipment & Systems | HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters) | 0 | 1 |
| | Electrical Distribution & Service Equipment | 0 | 0 |
| | Boilers, Water Heaters, Steam, & Hot-water Distribution | 0 | 0 |
| | Plumbing Fixtures and Equipment | 0 | 0 |
| | Fire and Safety Systems & Utility Controls | 0 | 1 |
| | Conveyances | 0 | 0 |
| Total | | 0 | 7 |

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Training for custodial staff should be enhanced or refreshed with an emphasis on safety requirements, including clearances around equipment and blockage of egress points. The CMMS could be used to track some or all custodial responsibilities in order to establish and ensure accountability.
- Roadways and parking lots should be added to the PM schedule. Consider applying sealants to asphalt parking lots and roadways to slow deterioration until such assets can be resurfaced.
- Backflow preventer inspections are a requirement in most jurisdictions and should be scheduled and completed at the appropriate frequency. Inspections should be tracked and documented using the CMMS, and the inspection documentation should be available on site.
- All essential assets should have auto-populating PM work orders created in the CMMS. These work orders should be scheduled to ensure the activities occur at industry-standard frequencies and within a reasonable timeframe of the expected completion.

HARFORD COUNTY

Total School Facilities Assessed in FY 2023: 6



Fountain Green Elementary

Fiscal Year 2023: Key Facts



Harford County has 52 active school facilities.
No change since FY 2022.



The average adjusted age of all 52 school facilities is 31.9 years old.
+ 1 year since FY 2022.



Harford County maintains 6,054,298 SF throughout its 52 school facilities. It has the 8th greatest amount of SF of LEAs in MD.

No change since FY 2022.

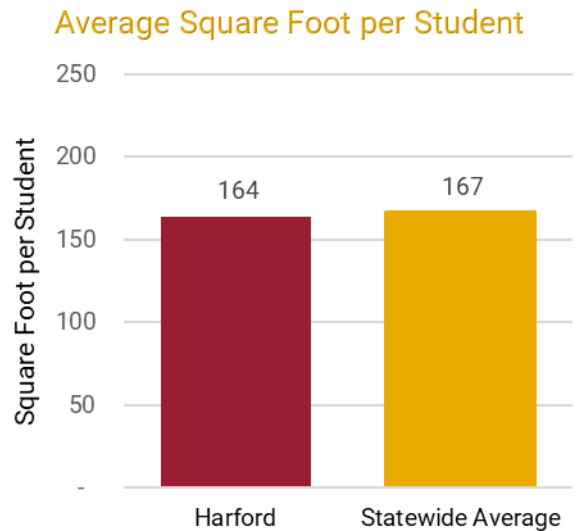


The current replacement value for Harford County's GSF, at the IAC's current replacement cost/SF, is greater than \$2.7 B.

67.42% (Not Adequate) = Average Overall Rating for FY 2023
 - 8.99% since FY 22

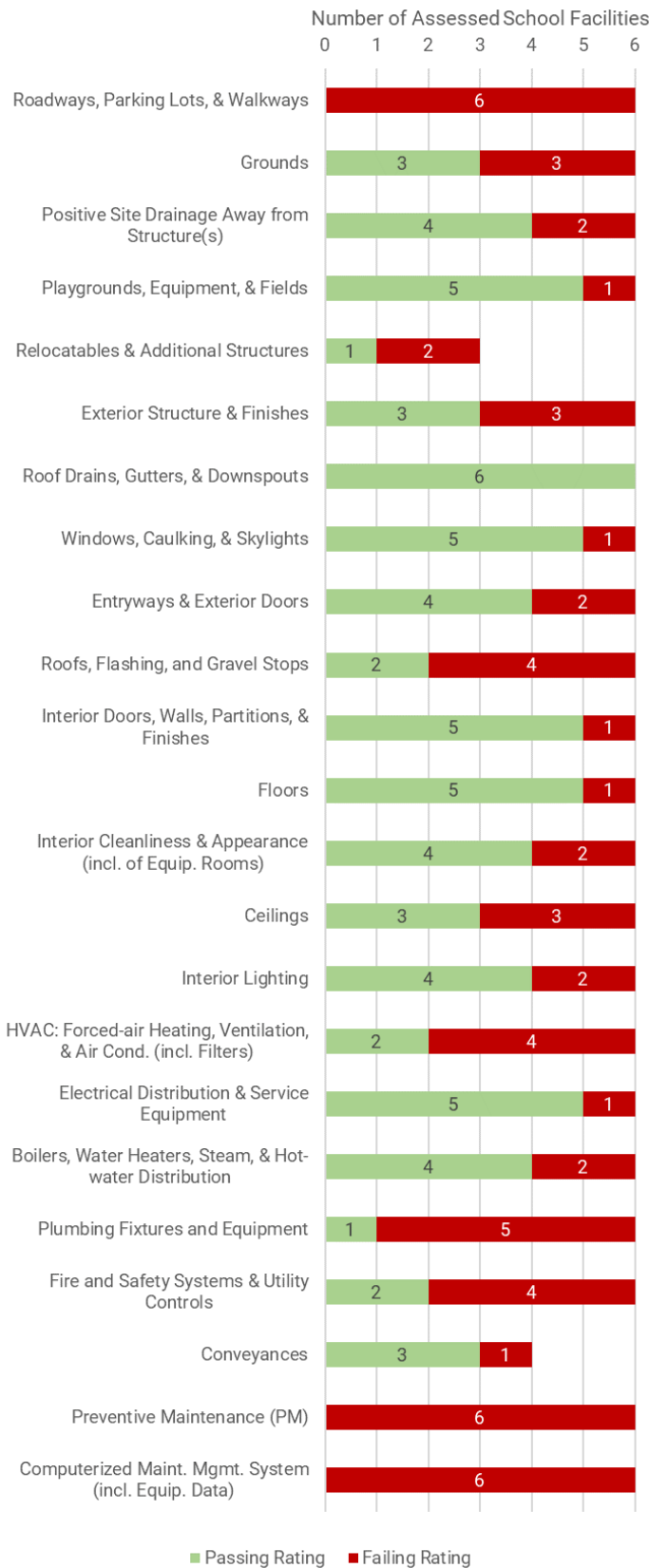
FY 2023 Overall Rating Results by School Type

| | Elementary | Middle | High | Career Tech | |
|--------------|------------|--------|------|-------------|---|
| Superior | | | | | |
| Good | | | | | |
| Adequate | 1 | | | | 1 |
| Not Adequate | 2 | 2 | | 1 | 5 |
| Poor | | | | | |
| Totals | 3 | 2 | | 1 | 6 |



| School Name | School Type | Square Footage | Adjusted Age | Overall Rating | Rating of Individual Categories (does not include items not rated) | | | | | Deficiencies | |
|----------------------------------------------------|-------------|----------------|--------------|----------------|--------------------------------------------------------------------|-----------|------------|--------------|-----------|--------------|-----------|
| | | | | | Superior | Good | Adequate | Not Adequate | Poor | Major | Minor |
| 1. North Harford Middle (12.007) | Middle | 173,728 | 46 | Not Adequate | 0 | 0 | 10 | 12 | 0 | 0 | 6 |
| 2. Harford Tech High (12.008) | Career Tech | 218,225 | 36 | Not Adequate | 0 | 0 | 13 | 10 | 0 | 0 | 3 |
| 3. Fountain Green Elementary (12.033) | Elementary | 60,000 | 29 | Not Adequate | 0 | 3 | 12 | 7 | 0 | 0 | 4 |
| 4. Roye-Williams Elementary (12.047) | Elementary | 78,126 | 27 | Not Adequate | 0 | 0 | 9 | 12 | 1 | 0 | 1 |
| 5. Southampton Middle (12.050) | Middle | 188,134 | 51 | Not Adequate | 0 | 0 | 12 | 10 | 0 | 0 | 3 |
| 6. George D. Lisby Elementary @ Hillsdale (12.052) | Elementary | 56,295 | 53 | Adequate | 0 | 6 | 13 | 3 | 0 | 0 | 0 |
| Totals | | | | | 0 | 9 | 69 | 54 | 1 | 0 | 17 |
| Percentage of Total Ratings for System | | | | | 0% | 7% | 52% | 41% | 1% | | |

FY23 Passing vs Failing Rating per Category



Strengths



When applicable, the facility PM schedule identified routine PM for playgrounds, bleachers, basketball units, and synthetic fields.

Restroom partitions and door hardware received PM annually per the PM schedule. Some facilities also identified annual PM for stage curtains and gymnasium partitions when applicable.



The majority of electrical panels appeared to be well maintained and labeled properly. No major issues or concerns were noted at any of the assessed facilities.

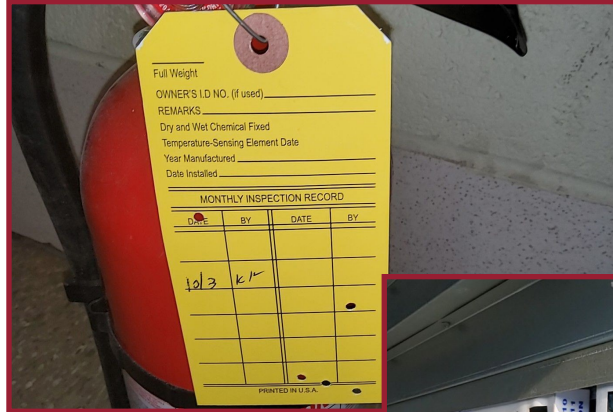


The roof drains appeared to be maintained well and are evaluated annually during the routine roof inspection.



Weaknesses

Monthly fire extinguisher inspection tags were not consistently filled out at three facilities, and another facility was noted with non-functioning emergency lights. Some or all fire and safety equipment assets were missing from the PM schedule for every facility.



The PM schedules for the assessed facilities were missing some essential assets, such as fire and safety systems, boilers, backflow preventers, and conveyances

Five facilities were observed with leaking faucets. Backflow preventers were not identified in any facility's PM schedule and the backflow preventers at five facilities were missing inspection tags; one of these facilities was observed with a leaking backflow preventer.

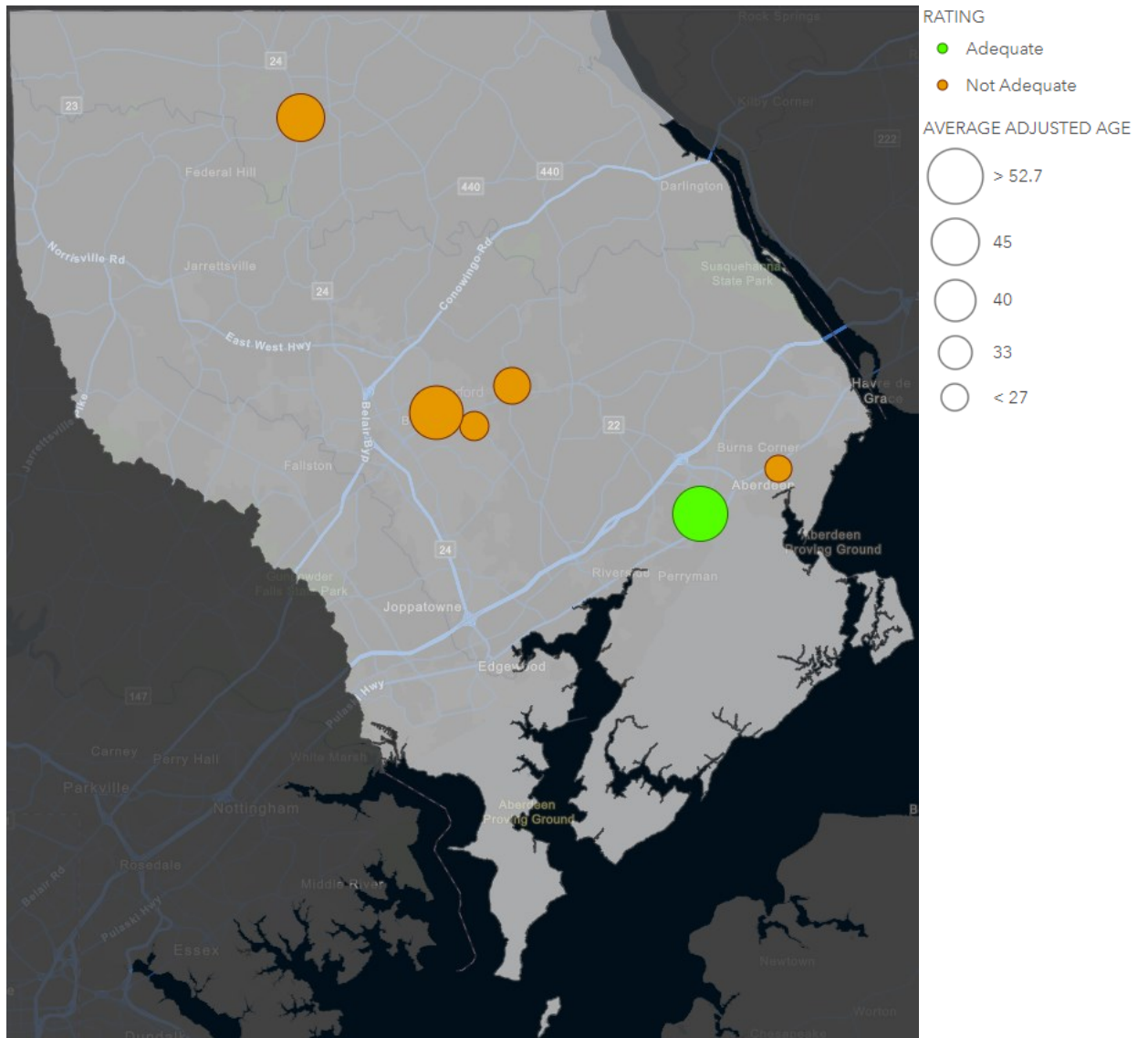


Three facilities were noted with vegetative growth in the walkways. All six facilities had cracks in their parking lots.

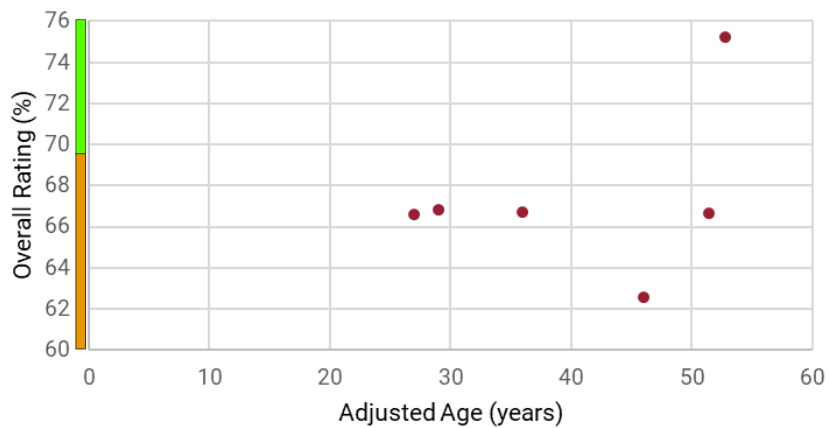
FY 2023 Results: Summary of Deficiencies by Category

| Category | | # of Major Deficiencies | # of Minor Deficiencies |
|------------------------------|--------------------------------------------------------------------|-------------------------|-------------------------|
| Site | Roadways, Parking Lots, & Walkways | 0 | 3 |
| | Grounds | 0 | 1 |
| | Positive Site Drainage Away from Structure(s) | 0 | 0 |
| | Playgrounds, Equipment, & Fields | 0 | 0 |
| | Relocatables & Additional Structures | 0 | 0 |
| Building Exterior | Exterior Structure & Finishes | 0 | 1 |
| | Roof Drains, Gutters, & Downspouts | 0 | 0 |
| | Windows, Caulking, & Skylights | 0 | 0 |
| | Entryways & Exterior Doors | 0 | 0 |
| | Roofs, Flashing, and Gravel Stops | 0 | 0 |
| Building Interior | Interior Doors, Walls, Partitions, & Finishes | 0 | 1 |
| | Floors | 0 | 1 |
| | Interior Cleanliness & Appearance (incl. of Equip. Rooms) | 0 | 0 |
| | Ceilings | 0 | 0 |
| | Interior Lighting | 0 | 2 |
| Building Equipment & Systems | HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters) | 0 | 1 |
| | Electrical Distribution & Service Equipment | 0 | 1 |
| | Boilers, Water Heaters, Steam, & Hot-water Distribution | 0 | 2 |
| | Plumbing Fixtures and Equipment | 0 | 0 |
| | Fire and Safety Systems & Utility Controls | 0 | 3 |
| | Conveyances | 0 | 1 |
| Total | | 0 | 17 |

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- All site-specific PM schedules should have the remainder of essential and applicable non-essential assets added and auto-populating PM work orders created to address all maintainable features of equipment and systems at industry-standard frequencies.
- PM activities for roadways, parking lots, and walkways should be added to each facility's PM schedule to help extend the useful life of the existing surfaces, prevent hazardous conditions, and avoid premature capital replacement projects.
- Backflow preventer inspections are a requirement in most jurisdictions and should be scheduled and completed at the appropriate frequency. Inspections should be tracked and documented using the CMMS, and the inspection documentation should be available on site.
- All fire and safety systems and components should have PM activities scheduled at the appropriate frequencies and tracked using the CMMS. Depending on what is installed at each facility, the PM schedule may include PM activities for fire extinguishers, battery-operated emergency lights and exit features, fire doors, kitchen hood suppression, smoke evacuation dampers, and stairwell pressurization fans.

HOWARD COUNTY

Total School Facilities Assessed in FY 2023: 10



Patuxent Valley Middle

Fiscal Year 2023: Key Facts



Howard County has 76 active school facilities.
No change since FY 2022.



The average adjusted age of all 76 school facilities is 21.6 years old.
+ 1 year since FY 2022.



Howard County maintains 8,250,880 SF throughout its 76 school facilities. It has the 6th greatest amount of SF of LEAs in MD.

No change since FY 2022.



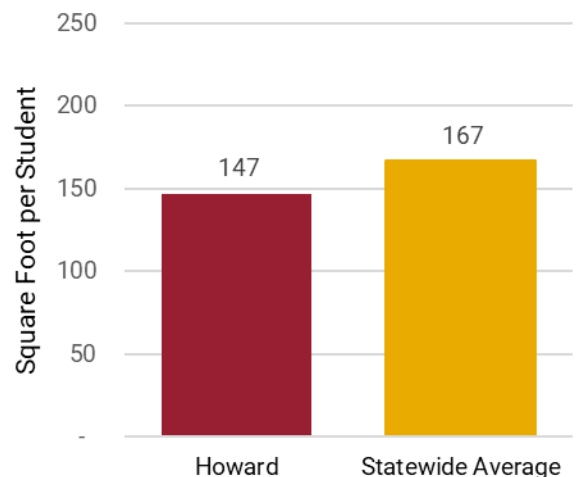
The current replacement value for Howard County's GSF, at the IAC's current replacement cost/SF, is greater than \$3.7 B.

72.20% (Adequate) = Average Overall Rating for FY 2023
- 4.91% since FY 22

FY 2023 Overall Rating Results by School Type

| | Alternate | Elementary | Middle | High | |
|--------------|-----------|------------|--------|------|----|
| Superior | | | | | |
| Good | | | | | |
| Adequate | 1 | 2 | 4 | 1 | 8 |
| Not Adequate | | 1 | | 1 | 2 |
| Poor | | | | | |
| Totals | 1 | 3 | 4 | 2 | 10 |

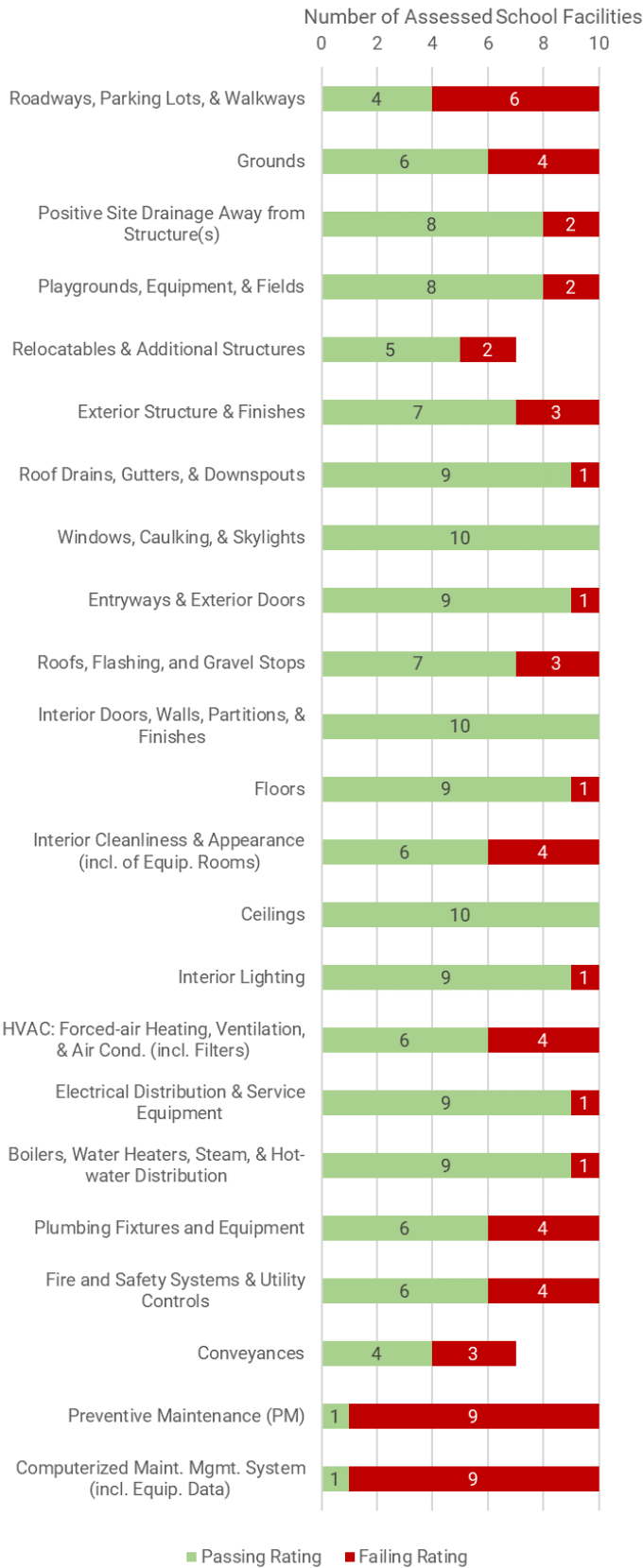
Average Square Foot per Student



| School Name | School Type | Square Footage | Adjusted Age | Overall Rating | Rating of Individual Categories (does not include items not rated) | | | | | Deficiencies | |
|----------------------------------------|-------------|----------------|--------------|----------------|--------------------------------------------------------------------|-----------|------------|--------------|----------|--------------|-----------|
| | | | | | Superior | Good | Adequate | Not Adequate | Poor | Major | Minor |
| 1. Lisbon Elementary (13.004) | Elementary | 55,999 | 16 | Adequate | 3 | 2 | 16 | 2 | 0 | 0 | 1 |
| 2. Oakland Mills Middle (13.008) | Middle | 81,036 | 24 | Adequate | 1 | 2 | 14 | 4 | 0 | 0 | 3 |
| 3. Atholton High (13.013) | High | 250,465 | 7 | Adequate | 3 | 2 | 15 | 3 | 0 | 0 | 3 |
| 4. Patuxent Valley Middle (13.041) | Middle | 106,987 | 5 | Adequate | 1 | 0 | 15 | 6 | 0 | 0 | 0 |
| 5. Deep Run Elementary (13.042) | Elementary | 94,570 | 6 | Adequate | 1 | 1 | 15 | 5 | 1 | 0 | 0 |
| 6. Mayfield Woods Middle (13.045) | Middle | 100,894 | 31 | Adequate | 1 | 5 | 14 | 3 | 0 | 0 | 0 |
| 7. Long Reach High (13.055) | High | 234,007 | 26 | Not Adequate | 0 | 0 | 12 | 11 | 0 | 0 | 4 |
| 8. Longfellow Elementary (13.056) | Elementary | 68,590 | 8 | Not Adequate | 0 | 0 | 10 | 11 | 0 | 0 | 2 |
| 9. Hammond Middle (13.076) | Middle | 87,030 | 31 | Adequate | 1 | 3 | 15 | 4 | 0 | 0 | 1 |
| 10. Homewood Center (13.091) | Alternate | 61,421 | 20 | Adequate | 1 | 1 | 16 | 4 | 0 | 0 | 1 |
| Totals | | | | | 12 | 16 | 142 | 53 | 1 | 0 | 15 |
| Percentage of Total Ratings for System | | | | | 5% | 7% | 63% | 24% | 0% | | |

FY 2023 Results: Assessment Findings by Category

FY23 Passing vs Failing Rating per Category



Strengths



Four facilities were observed with no roof drain issues. The PM schedules listed semi-annual roof inspections. The reports include evaluations of the roof drains, gutters, and downspouts.

The majority of assessed exterior doors appeared to be weatherproof and function as intended. Exterior doors were included in the PM work orders and/or PM schedule at every facility assessed.



No issues or concerns were observed with the electrical equipment at three facilities. Four facilities were noted as having detailed breaker schedules at every electrical panel. Two facilities earned a Superior rating and two facilities received a Good rating for the Electrical Distribution & Service Equipment category.

Only minor issues with the windows or skylights were observed at some facilities. Two facilities had no issues or concerns with these assets. The windows at five facilities were noted as fully functional.



Weaknesses

Dirty filters were noted at eight facilities. These same eight facilities were also observed with missing filters, collapsing filters, and/or filters not installed properly.

Four facilities received a Not Adequate rating in the HVAC category.

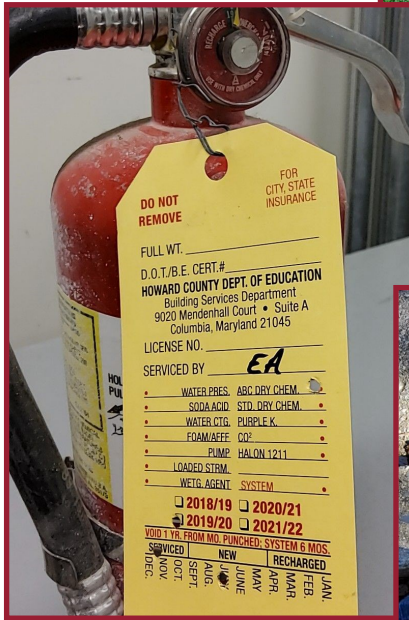


Relocatables and concession stands were identified in the PM schedules of the seven applicable facilities that had relocatables and/or additional structures; however, the relocatable PM only identified HVAC and the concession stand PM only identified plumbing. No other PM work orders were identified for these structures.



Seven facilities were identified with fire extinguishers missing inspection tags, tags not filled out correctly, or tags missing current monthly inspections.

Fire extinguishers were not identified in the asset list for any of the assessed facilities.

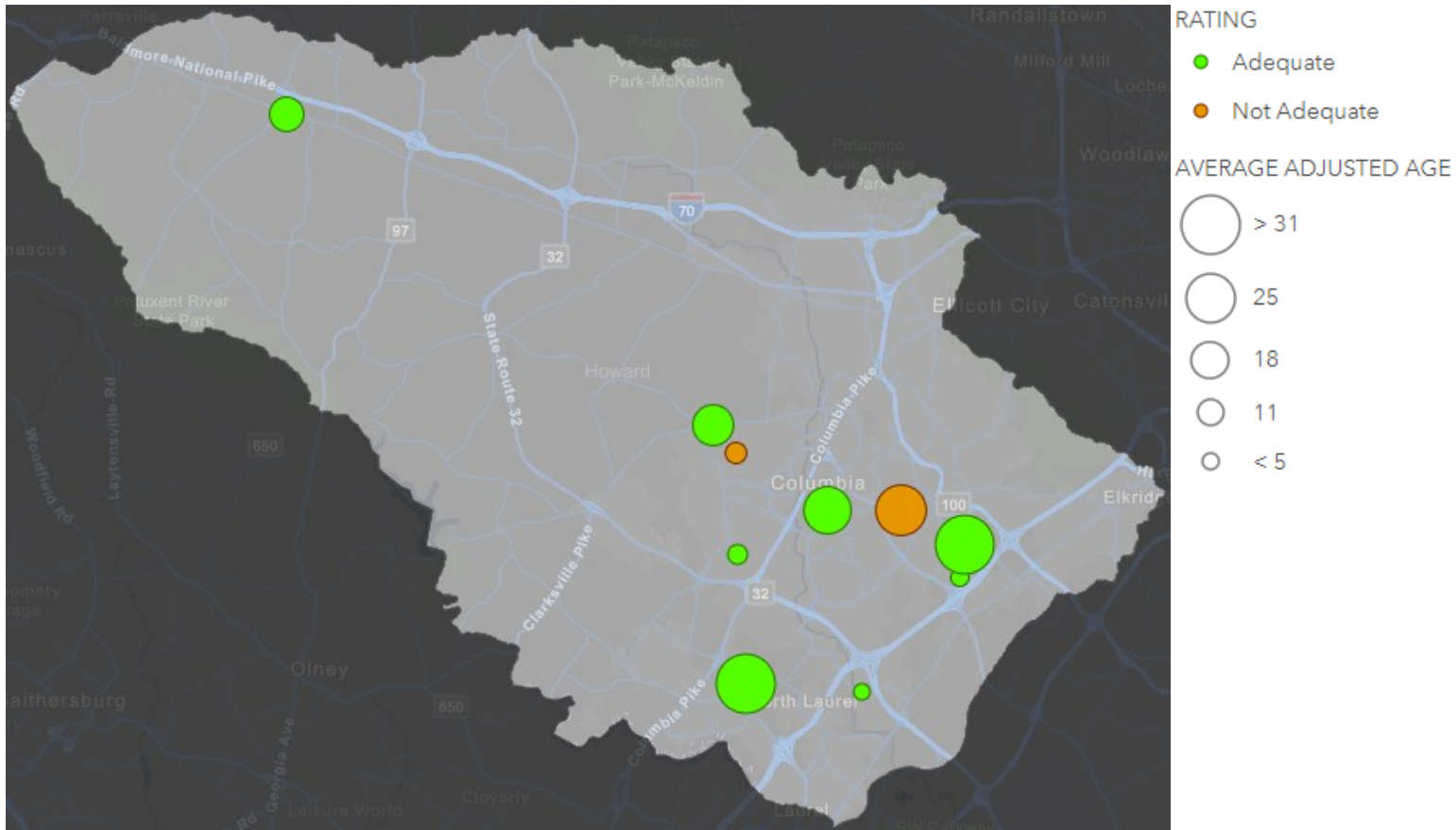


Six facilities had uneven walkway surfaces. Roadways, parking lots, and walkways were not identified in the PM schedule for any of the assessed facilities.

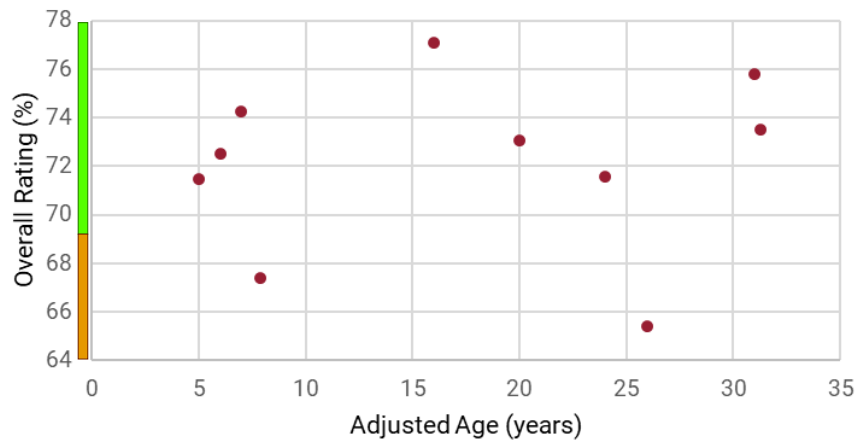
FY 2023 Results: Summary of Deficiencies by Category

| | Category | # of Major Deficiencies | # of Minor Deficiencies |
|------------------------------|--------------------------------------------------------------------|-------------------------|-------------------------|
| Site | Roadways, Parking Lots, & Walkways | 0 | 4 |
| | Grounds | 0 | 3 |
| | Positive Site Drainage Away from Structure(s) | 0 | 0 |
| | Playgrounds, Equipment, & Fields | 0 | 2 |
| | Relocatables & Additional Structures | 0 | 0 |
| Building Exterior | Exterior Structure & Finishes | 0 | 3 |
| | Roof Drains, Gutters, & Downspouts | 0 | 0 |
| | Windows, Caulking, & Skylights | 0 | 0 |
| | Entryways & Exterior Doors | 0 | 1 |
| | Roofs, Flashing, and Gravel Stops | 0 | 0 |
| Building Interior | Interior Doors, Walls, Partitions, & Finishes | 0 | 0 |
| | Floors | 0 | 0 |
| | Interior Cleanliness & Appearance (incl. of Equip. Rooms) | 0 | 0 |
| | Ceilings | 0 | 0 |
| | Interior Lighting | 0 | 0 |
| Building Equipment & Systems | HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters) | 0 | 0 |
| | Electrical Distribution & Service Equipment | 0 | 0 |
| | Boilers, Water Heaters, Steam, & Hot-water Distribution | 0 | 0 |
| | Plumbing Fixtures and Equipment | 0 | 1 |
| | Fire and Safety Systems & Utility Controls | 0 | 0 |
| | Conveyances | 0 | 1 |
| | Total | 0 | 15 |

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Roadways and parking lots should be added to the PM schedule. Consider applying sealants to asphalt parking lots and roadways to slow deterioration until such assets can be resurfaced.
- All fire and safety systems and components should have PM activities scheduled at the appropriate frequencies and tracked using the CMMS. Depending on what is installed at each facility, the PM schedule may include PM activities for fire extinguishers, battery-operated emergency lights and exit features, fire doors, kitchen hood suppression, smoke evacuation dampers, and stairwell pressurization fans.
- Additional PM checks and/or additional oversight are recommended to ensure the HVAC systems receive the necessary amount of PM work at the appropriate frequency to remain functional and efficient.
- Corrective work orders should be created in the CMMS immediately following any inspection where deficiencies or issues are noted and identified as inspection deficiencies. This will help identify trends and common issues in order to better proactively maintain areas.
- All site-specific PM schedules should have the remainder of essential and applicable non-essential assets added and auto-populating PM work orders created to address all maintainable features of equipment and systems at industry-standard frequencies.

KENT COUNTY

Total School Facilities Assessed in FY 2023: 3



Galena Elementary

Fiscal Year 2023: Key Facts



Kent County has 5 active school facilities.
No change since FY 2022.



The average adjusted age of all 5 school facilities is 44.7 years old.
+ 0.9 years since FY 2022.



Kent County maintains 441,409 SF throughout its 5 school facilities. It has the least amount of SF of LEAs in MD.
+ 1,183 SF since FY 2022.



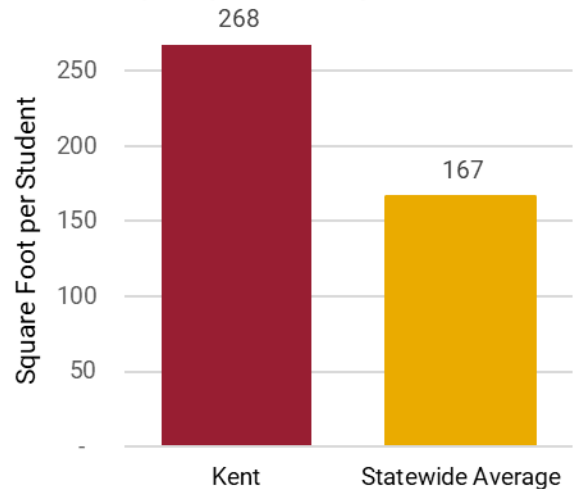
The current replacement value for Kent County's GSF, at the IAC's current replacement cost/SF, is approximately \$0.2 B.

68.74% (Not Adequate) = Average Overall Rating for FY 2023
- 0.73% since FY 22

FY 2023 Overall Rating Results by School Type

| | Elementary | Middle | High | |
|--------------|------------|--------|------|---|
| Superior | | | | |
| Good | | | | |
| Adequate | 2 | | | 2 |
| Not Adequate | | 1 | | 1 |
| Poor | | | | |
| Totals | 2 | 1 | | 3 |

Average Square Foot per Student

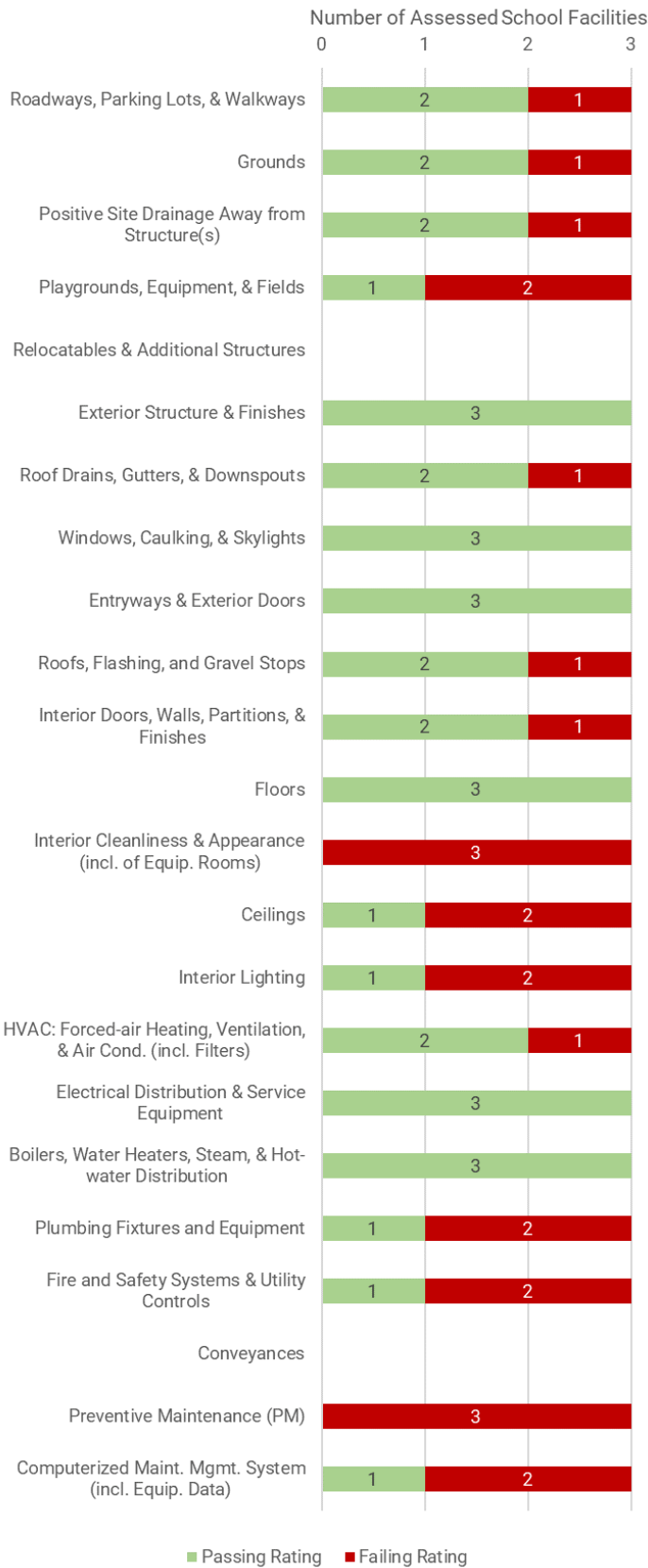


FY 2023 Results: Summary of School Ratings

| School Name | School Type | Square Footage | Adjusted Age | Overall Rating | Rating of Individual Categories (does not include items not rated) | | | | | Deficiencies | |
|----------------------------------------|-------------|----------------|--------------|----------------|--------------------------------------------------------------------|----------|-----------|--------------|----------|--------------|----------|
| | | | | | Superior | Good | Adequate | Not Adequate | Poor | Major | Minor |
| 1. Galena Elementary (14.002) | Elementary | 59,468 | 58 | Adequate | 1 | 0 | 12 | 8 | 0 | 0 | 2 |
| 2. Kent County Middle (14.003) | Middle | 78,785 | 46 | Not Adequate | 0 | 0 | 11 | 9 | 1 | 0 | 5 |
| 3. Rock Hall Elementary (14.004) | Elementary | 54,521 | 58 | Adequate | 0 | 0 | 16 | 5 | 0 | 0 | 0 |
| Totals | | | | | 1 | 0 | 39 | 22 | 1 | 0 | 7 |
| Percentage of Total Ratings for System | | | | | 2% | 0% | 62% | 35% | 2% | | |

FY 2023 Results: Assessment Findings by Category

FY23 Passing vs Failing Rating per Category



Strengths



The windows at all three facilities appeared adequately maintained. One facility had no issues or concerns observed during the MEA.

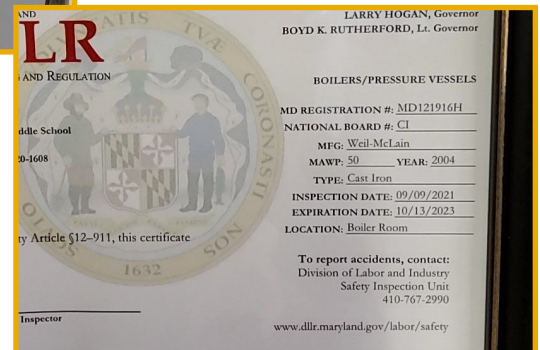
Most floors at the three facilities appeared clean and well maintained. Floor cleaning procedures for various surface types are detailed in the Guide to Custodial Services document.



One facility had no issues observed with the electrical distribution equipment. All three facilities received an Adequate rating for the Electrical Distribution & Service Equipment category.



The DLLR certificates for the boilers and water heaters were current and on display at all three facilities. Water heaters are listed in the PM schedules for all three facilities.



Weaknesses

No playground or bleacher inspection reports were provided in the required pre-assessment documentation for the applicable facilities.

Potential safety issues were observed with these assets at two facilities.

Playgrounds and bleachers were not identified in the PM schedule for any of the assessed facilities.



At all three facilities, the PM schedule was missing a significant number of essential assets, such as electrical equipment, roofs, fire and safety systems, and backflow preventers.

Pest management PM activities were not tracked using the CMMS for any of the assessed facilities. Sticky pest traps did not appear to be dated at any of the facilities to track pest activity and all three facilities were observed with pests in traps.

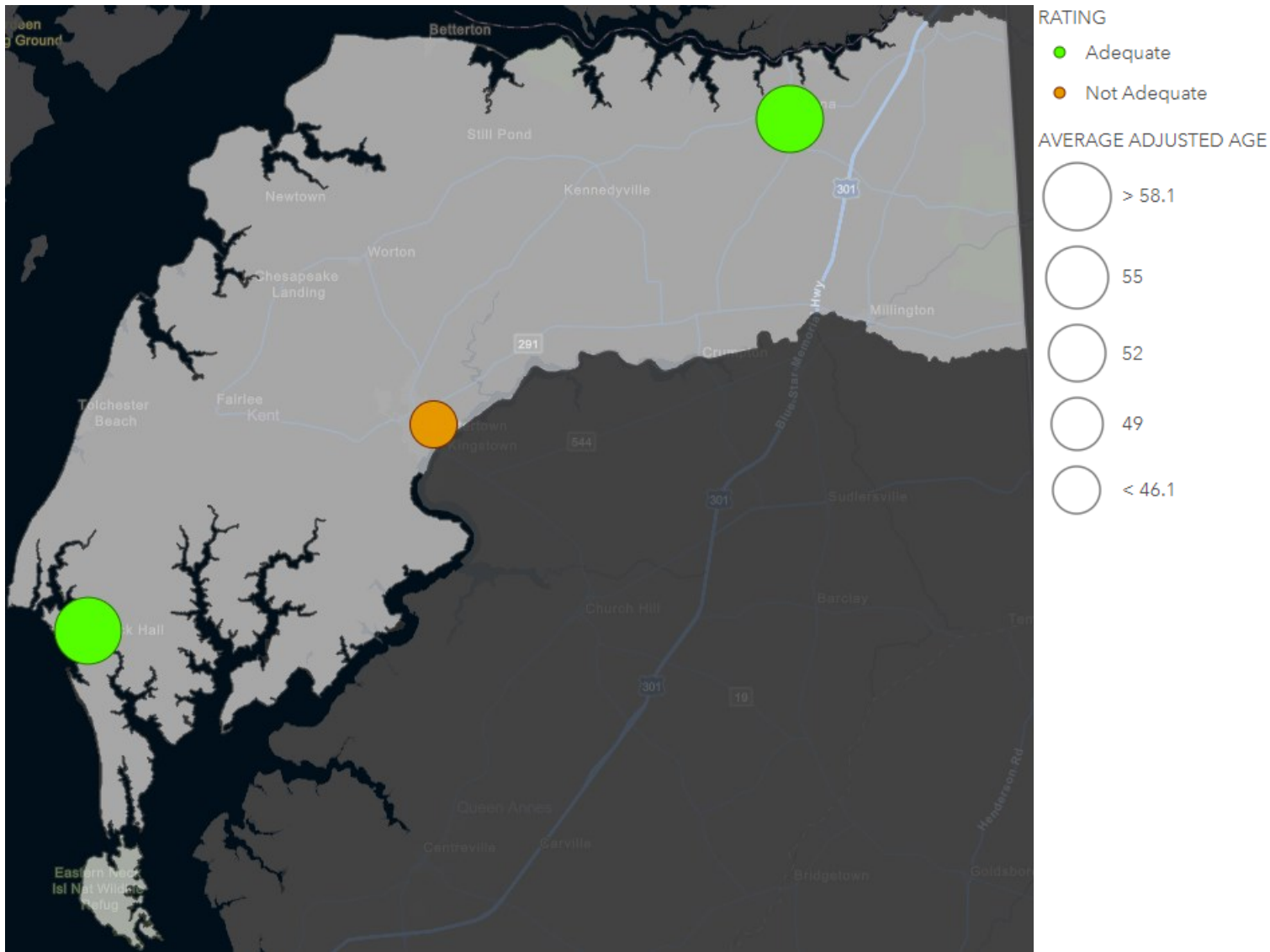


Fire and safety systems were not identified in the PM schedule for any of the assessed facilities. Two facilities were observed with a non-functioning emergency light.

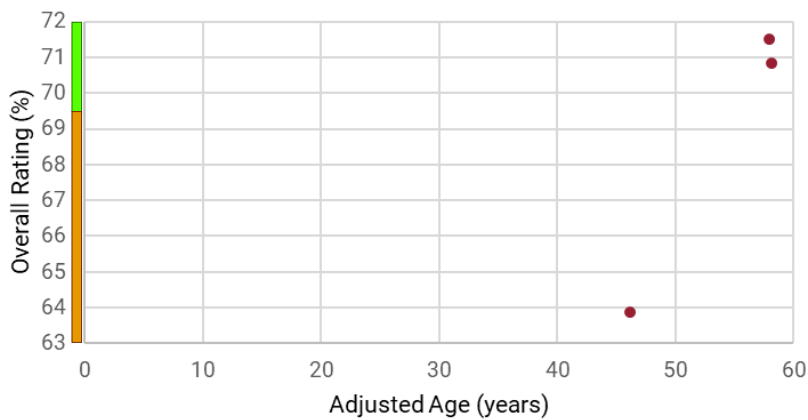
FY 2023 Results: Summary of Deficiencies by Category

| Category | | # of Major Deficiencies | # of Minor Deficiencies |
|------------------------------|--------------------------------------------------------------------|-------------------------|-------------------------|
| Site | Roadways, Parking Lots, & Walkways | 0 | 0 |
| | Grounds | 0 | 1 |
| | Positive Site Drainage Away from Structure(s) | 0 | 0 |
| | Playgrounds, Equipment, & Fields | 0 | 1 |
| | Relocatables & Additional Structures | 0 | 0 |
| Building Exterior | Exterior Structure & Finishes | 0 | 0 |
| | Roof Drains, Gutters, & Downspouts | 0 | 0 |
| | Windows, Caulking, & Skylights | 0 | 0 |
| | Entryways & Exterior Doors | 0 | 0 |
| | Roofs, Flashing, and Gravel Stops | 0 | 0 |
| Building Interior | Interior Doors, Walls, Partitions, & Finishes | 0 | 0 |
| | Floors | 0 | 0 |
| | Interior Cleanliness & Appearance (incl. of Equip. Rooms) | 0 | 0 |
| | Ceilings | 0 | 0 |
| | Interior Lighting | 0 | 2 |
| Building Equipment & Systems | HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters) | 0 | 1 |
| | Electrical Distribution & Service Equipment | 0 | 0 |
| | Boilers, Water Heaters, Steam, & Hot-water Distribution | 0 | 0 |
| | Plumbing Fixtures and Equipment | 0 | 1 |
| | Fire and Safety Systems & Utility Controls | 0 | 1 |
| | Conveyances | 0 | 0 |
| Total | | 0 | 7 |

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Backflow preventer inspections are a requirement in most jurisdictions and should be scheduled and completed at the appropriate frequency. Inspections should be tracked and documented using the CMMS, and the inspection documentation should be available on site.
- All fire and safety systems and components should have PM activities scheduled at the appropriate frequencies and tracked using the CMMS. Depending on what is installed at each facility, the PM schedule may include PM activities for fire extinguishers, battery-operated emergency lights and exit features, fire doors, kitchen hood suppression, smoke evacuation dampers, and stairwell pressurization fans.
- Regularly scheduled playground inspections should be created and tracked using the CMMS. Additional training on playground maintenance procedures and requirements may be needed to ensure the required inspections, cleaning, and repairs are taking place.
- All essential assets should have auto-populating PM work orders created in the CMMS. These work orders should be scheduled to ensure the activities occur at industry-standard frequencies and within a reasonable timeframe of the expected completion.

MONTGOMERY COUNTY

Total School Facilities Assessed in FY 2023: 22

Potomac Elementary

Fiscal Year 2023: Key Facts

210
facilities

Montgomery County has 210 active school facilities.
No change since FY 2022.

25.9
years old

The average adjusted age of all 210 school facilities is 25.9 years old.
+ 0.8 years since FY 2022.

> 25.1 M
GSF

Montgomery County maintains 25,147,251 SF throughout its 210 school facilities. It has the greatest amount of SF of LEAs in MD.

No change since FY 2022.

~ \$11.5 B

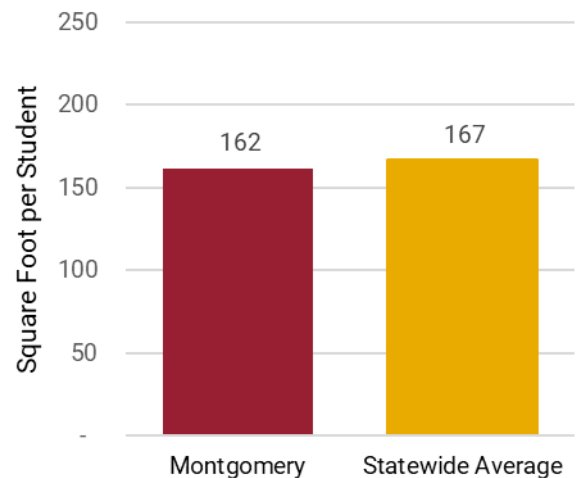
The current replacement value for Montgomery County's GSF, at the IAC's current replacement cost/SF, is approximately \$11.5 B.

72.42% (Adequate) = Average Overall Rating for FY 2023
- 1.24% since FY 22

FY 2023 Overall Rating Results by School Type

| | Alternate | Special Education | Elementary | Middle | High | |
|--------------|-----------|-------------------|------------|--------|------|----|
| Superior | | | | | | |
| Good | | | | | | |
| Adequate | 1 | 1 | 12 | 4 | 3 | 21 |
| Not Adequate | | | 1 | | | 1 |
| Poor | | | | | | |
| Totals | 1 | 1 | 13 | 4 | 3 | 22 |

Average Square Foot per Student

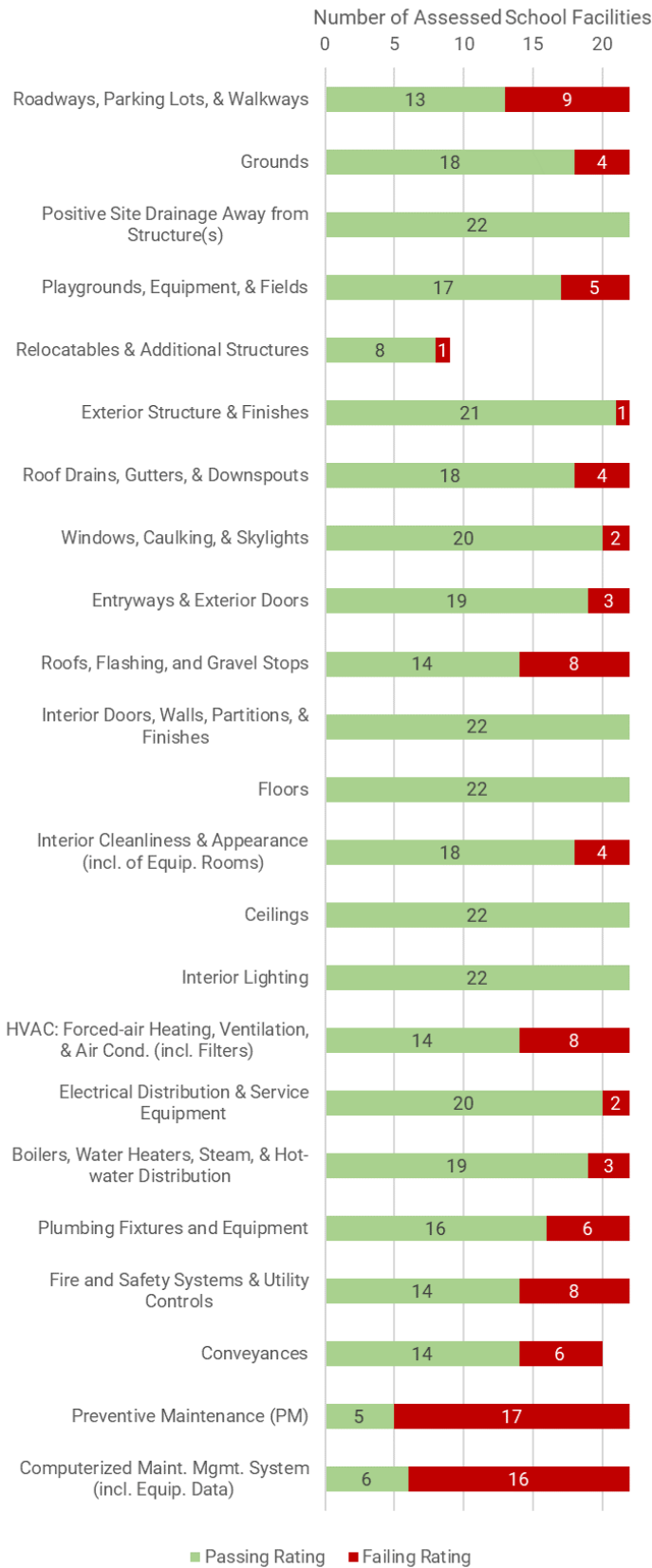


MONTGOMERY COUNTY

FY 2023 Results: Summary of School Ratings

| School Name | School Type | Square Footage | Adjusted Age | Overall Rating | Rating of Individual Categories (does not include items not rated) | | | | | Deficiencies | |
|----------------------------------------------|-------------|----------------|--------------|----------------|--------------------------------------------------------------------|-----------|------------|--------------|----------|--------------|-----------|
| | | | | | Superior | Good | Adequate | Not Adequate | Poor | Major | Minor |
| 1. Glen Haven Elementary (15.010) | Elementary | 85,845 | 19 | Adequate | 0 | 2 | 16 | 4 | 0 | 0 | 1 |
| 2. Arcola Elementary (15.049) | Elementary | 95,421 | 14 | Adequate | 1 | 2 | 17 | 3 | 0 | 0 | 0 |
| 3. Churchill (Winston) High (15.053) | High | 322,078 | 23 | Adequate | 0 | 1 | 18 | 4 | 0 | 0 | 0 |
| 4. Potomac Elementary (15.110) | Elementary | 86,550 | 2 | Adequate | 0 | 0 | 19 | 3 | 0 | 0 | 0 |
| 5. West (Julius) Middle (15.127) | Middle | 182,617 | 25 | Adequate | 0 | 1 | 17 | 4 | 0 | 0 | 0 |
| 6. Woodfield Elementary (15.143) | Elementary | 53,212 | 38 | Adequate | 0 | 1 | 15 | 5 | 0 | 0 | 1 |
| 7. Oak View Elementary (15.149) | Elementary | 57,560 | 33 | Adequate | 0 | 0 | 15 | 8 | 0 | 0 | 0 |
| 8. Rockwell (Lois P.) Elementary (15.173) | Elementary | 75,520 | 29 | Adequate | 1 | 0 | 13 | 8 | 0 | 0 | 1 |
| 9. Summit Hall Elementary (15.174) | Elementary | 68,059 | 43 | Adequate | 0 | 1 | 17 | 3 | 0 | 0 | 0 |
| 10. Forest Oak Middle (15.191) | Middle | 132,259 | 23 | Adequate | 0 | 4 | 17 | 1 | 0 | 0 | 1 |
| 11. Cashell Elementary (15.193) | Elementary | 71,171 | 14 | Adequate | 0 | 2 | 18 | 3 | 0 | 0 | 1 |
| 12. Kingsview Middle (15.200) | Middle | 140,398 | 25 | Adequate | 0 | 0 | 18 | 4 | 0 | 0 | 0 |
| 13. Bannockburn Elementary (15.204) | Elementary | 54,234 | 35 | Not Adequate | 0 | 0 | 12 | 11 | 0 | 0 | 3 |
| 14. Bel Pre Elementary (15.206) | Elementary | 102,198 | 8 | Adequate | 0 | 1 | 18 | 3 | 0 | 0 | 0 |
| 15. Tilden Middle (15.210) | Alternate | 244,561 | 3 | Adequate | 0 | 0 | 19 | 3 | 0 | 0 | 0 |
| 16. Cedar Grove Elementary (15.214) | Elementary | 57,037 | 35 | Adequate | 0 | 0 | 15 | 8 | 0 | 0 | 1 |
| 17. Luxmanor Elementary (15.220) | Elementary | 99,376 | 4 | Adequate | 1 | 2 | 17 | 2 | 0 | 0 | 0 |
| 18. Sandburg (Carl) Learning Center (15.222) | Special Ed. | 31,252 | 59 | Adequate | 1 | 2 | 15 | 4 | 0 | 0 | 1 |
| 19. Blake (James Hubert) High (15.226) | High | 297,125 | 24 | Adequate | 0 | 0 | 18 | 5 | 0 | 0 | 1 |
| 20. Argyle Middle (15.231) | Middle | 120,205 | 52 | Adequate | 1 | 2 | 14 | 6 | 0 | 0 | 0 |
| 21. Northwest High (15.239) | High | 342,101 | 22 | Adequate | 0 | 0 | 19 | 4 | 0 | 0 | 2 |
| 22. Rock View Elementary (15.244) | Elementary | 91,977 | 21 | Adequate | 1 | 2 | 17 | 2 | 0 | 0 | 0 |
| Totals | | | | | 6 | 23 | 364 | 98 | 0 | 0 | 13 |
| Percentage of Total Ratings for System | | | | | 1% | 5% | 74% | 20% | 0% | | |

FY23 Passing vs Failing Rating per Category



Strengths



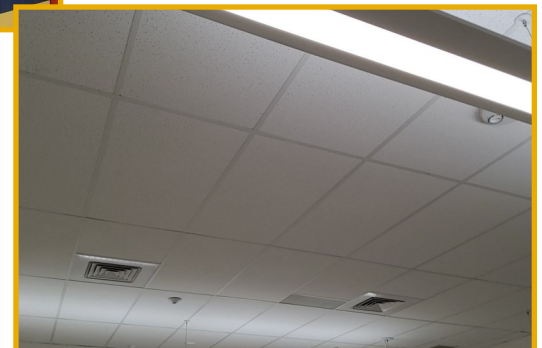
The Preventive Maintenance Tasks document identifies weekly checks of the lights and lenses. Eight facilities had no operational issues with their interior lighting.

All 22 assessed facilities received an Adequate rating in the Floors category. No issues or concerns with the floors were identified at five facilities.



Weekly door inspections for operational and hardware issues are listed in the Preventive Maintenance Tasks document. No operational issues were identified with the interior doors at eight facilities, and the fire doors appeared operational at 16 facilities.

The Preventive Maintenance Tasks document identifies daily ceiling inspections for missing and stained tiles. Seven facilities had no stained ceiling tiles identified.



Weaknesses

Besides quarterly filter changes, most HVAC equipment was not identified in the PM schedules for the assessed facilities. Dirty HVAC equipment coils were observed at 10 facilities. Eight facilities received a Not Adequate rating in the HVAC category.



The Preventive Maintenance Tasks document identified monthly condition inspections of the sidewalks, steps, and parking lots, but were not tracked using the CMMS and did not appear in the PM work order history for any of the assessed facilities. Uneven walkway surfaces were noted as potential trip hazards at 11 facilities. The walkways at 18 facilities were observed cracked, damaged, and/or deteriorated.



Besides annual backflow preventer inspections, no other plumbing fixtures or equipment were identified in the PM schedules for the assessed facilities or tracked using the CMMS. Leaking plumbing fixtures or equipment were observed at 13 facilities. Five facilities were noted with inoperable sinks, toilets, and/or urinals.

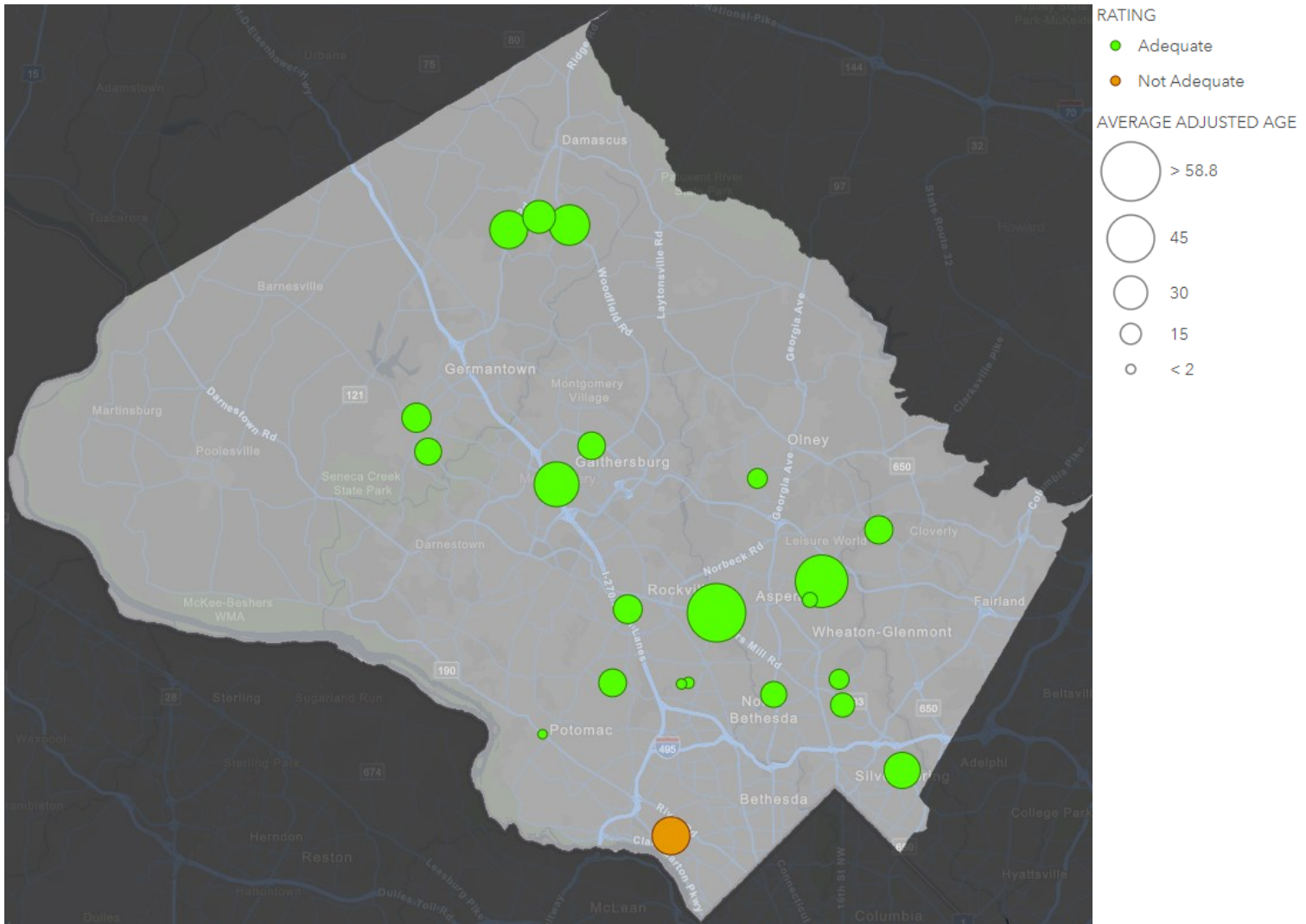


Eight facilities received a Not Adequate rating in the Roofs, Flashing, and Gravel Stops category. Roofing sealants or coatings were noted as cracked and/or deteriorated at 18 facilities.

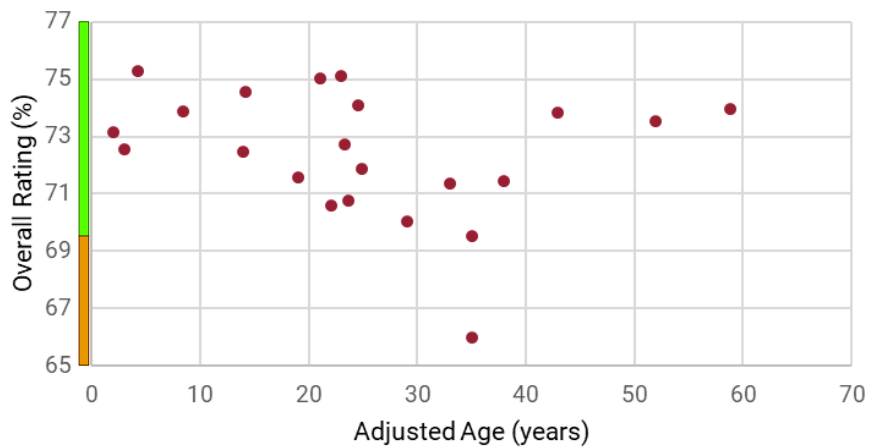
FY 2023 Results: Summary of Deficiencies by Category

| Category | | # of Major Deficiencies | # of Minor Deficiencies |
|------------------------------|--------------------------------------------------------------------|-------------------------|-------------------------|
| Site | Roadways, Parking Lots, & Walkways | 0 | 6 |
| | Grounds | 0 | 0 |
| | Positive Site Drainage Away from Structure(s) | 0 | 0 |
| | Playgrounds, Equipment, & Fields | 0 | 2 |
| | Relocatables & Additional Structures | 0 | 0 |
| Building Exterior | Exterior Structure & Finishes | 0 | 0 |
| | Roof Drains, Gutters, & Downspouts | 0 | 0 |
| | Windows, Caulking, & Skylights | 0 | 0 |
| | Entryways & Exterior Doors | 0 | 1 |
| | Roofs, Flashing, and Gravel Stops | 0 | 0 |
| Building Interior | Interior Doors, Walls, Partitions, & Finishes | 0 | 0 |
| | Floors | 0 | 0 |
| | Interior Cleanliness & Appearance (incl. of Equip. Rooms) | 0 | 0 |
| | Ceilings | 0 | 0 |
| | Interior Lighting | 0 | 0 |
| Building Equipment & Systems | HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters) | 0 | 0 |
| | Electrical Distribution & Service Equipment | 0 | 0 |
| | Boilers, Water Heaters, Steam, & Hot-water Distribution | 0 | 0 |
| | Plumbing Fixtures and Equipment | 0 | 1 |
| | Fire and Safety Systems & Utility Controls | 0 | 1 |
| | Conveyances | 0 | 2 |
| Total | | 0 | 13 |

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- All essential assets should have auto-populating PM work orders created in the CMMS. These work orders should be scheduled to ensure the activities occur at industry-standard frequencies and within a reasonable timeframe of the expected completion.
- Corrective work orders should be created in the CMMS immediately following any inspection where deficiencies or issues are noted and identified as inspection deficiencies. This will help identify trends and common issues in order to better proactively maintain areas.
- PM activities for roofs, HVAC equipment, and plumbing fixtures and equipment should be added to each facility's PM schedule to help extend the useful life of the existing surfaces and assets, prevent hazardous conditions, and avoid premature capital replacement projects.
- Roadways and parking lots should be added to the PM schedule. Consider applying sealants to asphalt parking lots and roadways to slow deterioration until such assets can be resurfaced.

PRINCE GEORGE'S COUNTY

Total School Facilities Assessed in FY 2023: 21



Forestville High

Fiscal Year 2023: Key Facts

198 facilities

Prince George's County has 198 active school facilities.
+ 1 facility since FY 2022.

39.7 years old

The average adjusted age of all 198 school facilities is 39.7 years old.
+ 0.7 years since FY 2022.

~ 18.7 M GSF

Prince George's County maintains 18,712,667 SF throughout its 198 school facilities. It has the 2nd greatest amount of SF of LEAs in MD.

+ 60,568 SF since FY 2022.

> \$8.5 B

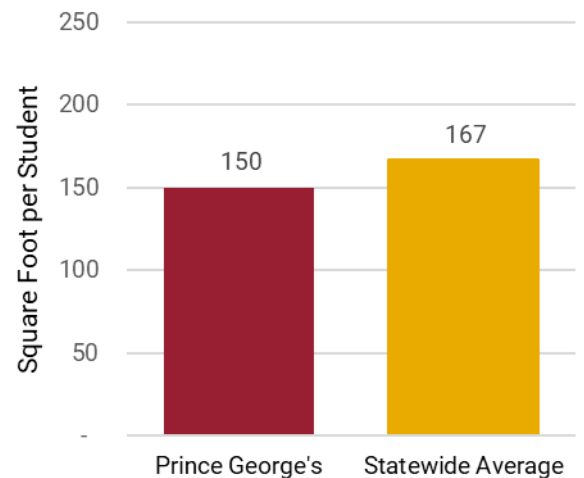
The current replacement value for Prince George's County's GSF, at the IAC's current replacement cost/SF, is greater than \$8.5 B.

63.70% (Not Adequate) = Average Overall Rating for FY 2023
- 2.42% since FY 22

FY 2023 Overall Rating Results by School Type

| | Environmental Education | Elementary | Elementary/Middle | Middle | High | |
|--------------|-------------------------|------------|-------------------|--------|------|----|
| Superior | | | | | | |
| Good | | | | | | |
| Adequate | 1 | 1 | | | | 2 |
| Not Adequate | | 9 | 1 | 4 | 1 | 15 |
| Poor | | 3 | | | 1 | 4 |
| Totals | 1 | 13 | 1 | 4 | 2 | 21 |

Average Square Foot per Student

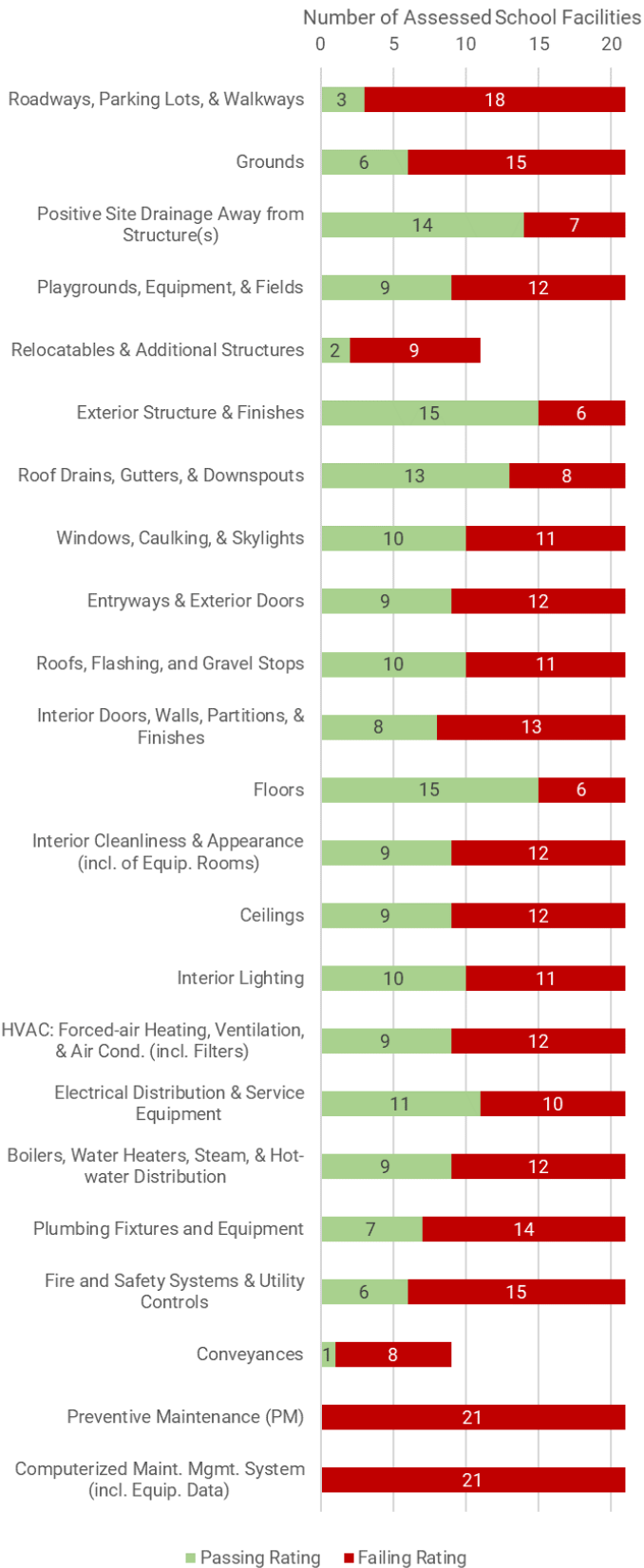


PRINCE GEORGE'S COUNTY

FY 2023 Results: Summary of School Ratings

| School Name | School Type | Square Footage | Adjusted Age | Overall Rating | Rating of Individual Categories (does not include items not rated) | | | | | Deficiencies | |
|------------------------------------------------------------|-----------------------|----------------|--------------|----------------|--------------------------------------------------------------------|------|----------|--------------|------|--------------|-------|
| | | | | | Superior | Good | Adequate | Not Adequate | Poor | Major | Minor |
| 1. Roosevelt (Eleanor) High (16.002) | High | 327,458 | 47 | Not Adequate | 0 | 1 | 11 | 11 | 0 | 0 | 7 |
| 2. Paint Branch Elementary (16.018) | Elementary | 59,021 | 51 | Poor | 0 | 0 | 8 | 12 | 2 | 0 | 9 |
| 3. Bradbury Heights Elementary (16.025) | Elementary | 79,457 | 32 | Not Adequate | 0 | 1 | 16 | 5 | 0 | 0 | 4 |
| 4. Kettering Middle (16.043) | Middle | 120,800 | 44 | Not Adequate | 0 | 0 | 4 | 17 | 0 | 0 | 6 |
| 5. Lewisdale Elementary (16.049) | Elementary | 54,103 | 42 | Poor | 0 | 0 | 6 | 14 | 2 | 0 | 13 |
| 6. District Heights Elementary (16.076) | Elementary | 54,415 | 42 | Not Adequate | 0 | 0 | 16 | 5 | 0 | 0 | 6 |
| 7. Potomac Landing Elementary (16.086) | Elementary | 60,596 | 35 | Adequate | 0 | 0 | 17 | 5 | 0 | 0 | 3 |
| 8. Forestville High (16.104) | High | 193,222 | 28 | Poor | 0 | 0 | 3 | 16 | 3 | 0 | 7 |
| 9. Madison (James) Middle (16.114) | Middle | 129,348 | 50 | Not Adequate | 0 | 0 | 10 | 13 | 0 | 0 | 8 |
| 10. Cooper Lane Elementary (16.131) | Elementary | 47,370 | 56 | Not Adequate | 0 | 1 | 11 | 10 | 0 | 0 | 5 |
| 11. Heather Hills Elementary (16.132) | Elementary | 36,825 | 53 | Not Adequate | 0 | 0 | 17 | 5 | 0 | 0 | 3 |
| 12. Columbia Park Elementary (16.147) | Elementary | 57,372 | 61 | Not Adequate | 0 | 1 | 13 | 7 | 0 | 0 | 4 |
| 13. Cherokee Lane Elementary (Former) (16.158) | Elementary | 140,030 | 19 | Not Adequate | 1 | 0 | 11 | 10 | 0 | 0 | 5 |
| 14. Kennedy (Dora) French Immersion (16.184) | Elementary/ Middle | 141,125 | 66 | Not Adequate | 0 | 0 | 8 | 13 | 0 | 0 | 5 |
| 15. Tasker (Benjamin) Middle (16.185) | Middle | 161,678 | 52 | Not Adequate | 0 | 0 | 8 | 14 | 0 | 0 | 9 |
| 16. Schmidt (William S.) Outdoor Education Center (16.199) | Environmental Ed. | 37,790 | 52 | Adequate | 0 | 1 | 14 | 7 | 0 | 0 | 0 |
| 17. Fort Washington Forest Elementary (16.210) | Elementary | 45,648 | 59 | Poor | 0 | 0 | 4 | 16 | 1 | 0 | 9 |
| 18. King, Jr. (Martin Luther) Middle (16.213) | Middle | 127,516 | 45 | Not Adequate | 0 | 0 | 14 | 8 | 1 | 0 | 7 |
| 19. Robert R. Gray Elementary (16.222) | Elementary | 74,520 | 22 | Not Adequate | 0 | 1 | 12 | 9 | 0 | 0 | 7 |
| 20. Rosaryville Elementary (16.227) | Elementary | 76,200 | 21 | Not Adequate | 0 | 0 | 12 | 10 | 0 | 0 | 6 |
| 21. Mary Harris Mother Jones Elementary (16.231) | Elementary | 76,842 | 20 | Not Adequate | 0 | 0 | 10 | 13 | 0 | 0 | 7 |
| Totals | | | | | 1 | 6 | 225 | 220 | 9 | 0 | 130 |
| Percentage of Total Ratings for System | | | | | 0% | 1% | 49% | 48% | 2% | | |

FY23 Passing vs Failing Rating per Category



Strengths



19 facilities received an Adequate rating in the Floors category. No issues or concerns were noted with the floors at two of those facilities.



Many of the roof drains appeared to be intact and free of debris. Roof drains, gutters, and downspouts were evaluated when applicable during the routine roof inspection at most of the assessed facilities.



No issues or concerns were identified with the electrical distribution or service equipment at three facilities. 11 facilities were noted with completed electrical panel schedules. Of the 12 facilities with generators, nine tracked generator PM activities using their CMMS.



17 facilities received an Adequate rating in the Exterior Structure & Finishes category. No issues or concerns were observed with the exterior building lights at 10 facilities.

Weaknesses

13 facilities received a Not Adequate rating in the Fire and Safety Systems & Utility Controls category. The fire alarm and/or sprinkler system PM work orders were not identified in the CMMS history at nine facilities. Issues were noted concerning emergency lights and/or exit signs at 11 facilities.



No custodial scope of work, integrated pest management plan, or PM schedule were provided in the required pre-assessment documentation for any facility. The required inspection reports for fire alarms, sprinkler systems, playgrounds, and bleachers were also not provided for many of the assessed facilities. Some essential assets were not identified in the PM work order histories for many of the assessed facilities, such as backflow preventers, HVAC equipment, fire and safety systems, and DLLR-regulated equipment.



Roadways, parking lots, and walkways were not identified in the PM schedules for the assessed facilities. Trip hazards due to uneven walkway surfaces were identified at 10 facilities. Every assessed facility was observed with cracking walkways and/or parking lots. Potholes were noted in the roadways at three facilities.

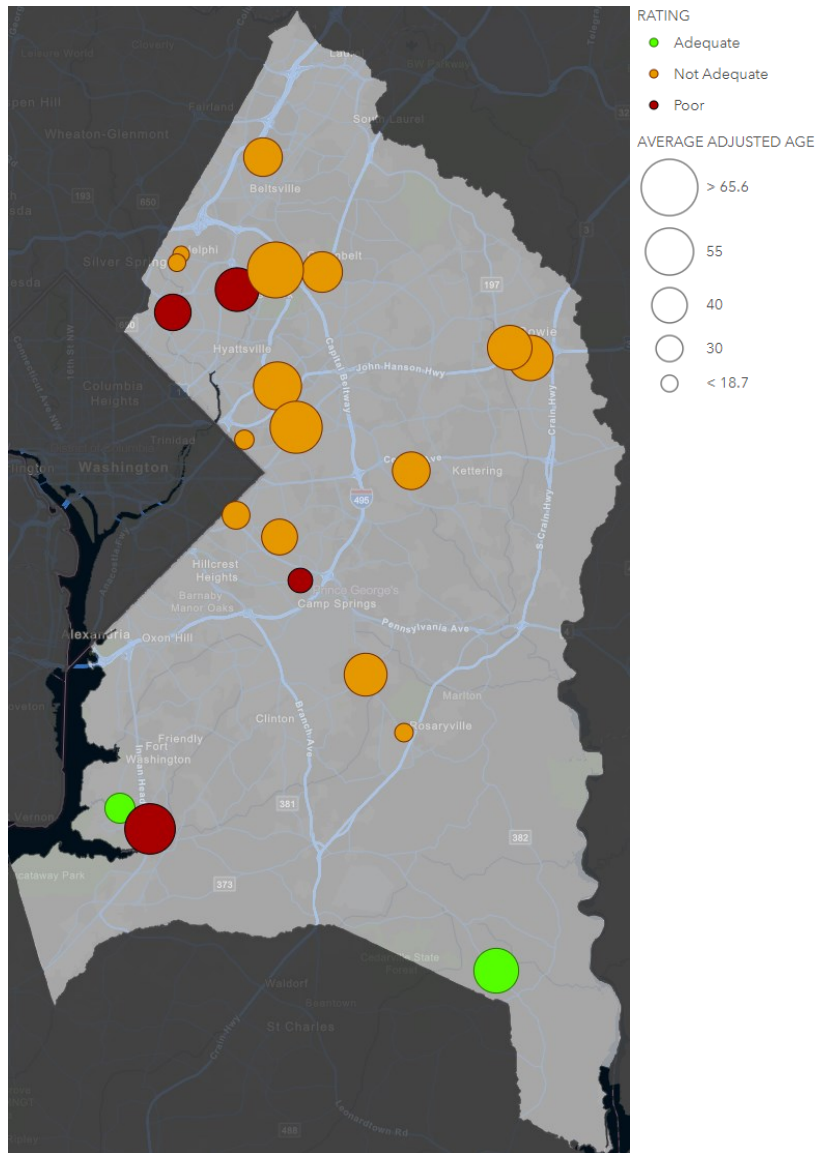


Of the nine facilities with conveyances, eight had one or more expired DLLR certificates, one of which expired in 2019. Conveyances were not identified in the PM work order histories for the applicable facilities.

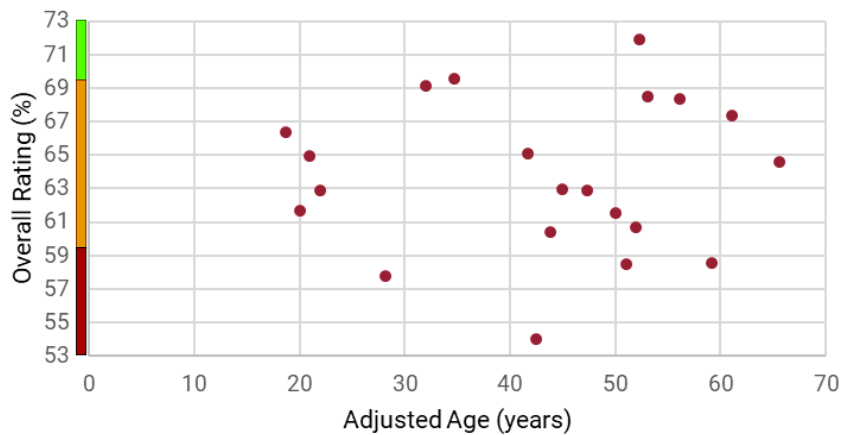
FY 2023 Results: Summary of Deficiencies by Category

| Category | | # of Major Deficiencies | # of Minor Deficiencies |
|------------------------------|--------------------------------------------------------------------|-------------------------|-------------------------|
| Site | Roadways, Parking Lots, & Walkways | 0 | 10 |
| | Grounds | 0 | 9 |
| | Positive Site Drainage Away from Structure(s) | 0 | 2 |
| | Playgrounds, Equipment, & Fields | 0 | 10 |
| | Relocatables & Additional Structures | 0 | 7 |
| Building Exterior | Exterior Structure & Finishes | 0 | 4 |
| | Roof Drains, Gutters, & Downspouts | 0 | 2 |
| | Windows, Caulking, & Skylights | 0 | 3 |
| | Entryways & Exterior Doors | 0 | 4 |
| | Roofs, Flashing, and Gravel Stops | 0 | 1 |
| Building Interior | Interior Doors, Walls, Partitions, & Finishes | 0 | 6 |
| | Floors | 0 | 5 |
| | Interior Cleanliness & Appearance (incl. of Equip. Rooms) | 0 | 10 |
| | Ceilings | 0 | 5 |
| | Interior Lighting | 0 | 5 |
| Building Equipment & Systems | HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters) | 0 | 7 |
| | Electrical Distribution & Service Equipment | 0 | 6 |
| | Boilers, Water Heaters, Steam, & Hot-water Distribution | 0 | 10 |
| | Plumbing Fixtures and Equipment | 0 | 7 |
| | Fire and Safety Systems & Utility Controls | 0 | 10 |
| | Conveyances | 0 | 7 |
| Total | | 0 | 130 |

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Create an asset list for each facility to encompass all essential and non-essential assets to store and manage asset-specific data (such as asset name, purchase date, purchase price, expected life span, model number, serial number, asset tag number or unique identification, type of asset, location, and any other relevant details), and use the CMMS to track the maintenance and repair history as well as performance of each asset over time.
- All essential assets should have auto-populating PM work orders created in the CMMS. These work orders should be scheduled to ensure the activities occur at industry-standard frequencies and within a reasonable timeframe of the expected completion.
- Roadways and parking lots should be added to the PM schedule. Consider applying sealants to asphalt parking lots and roadways to slow deterioration until such assets can be resurfaced. Safety issues should be reported and addressed immediately.
- Create and implement an integrated pest management (IPM) plan. Pest management PM activities should have auto-populating PM work orders created in the CMMS and scheduled to ensure the activities occur at industry-standard frequencies and within a reasonable timeframe of the expected completion. The custodial duties outlined in the IPM plan should also be reflected in the custodial scope of work.
- All fire and safety systems and components should have PM activities scheduled at the appropriate frequencies and tracked using the CMMS. Depending on what is installed at each facility, the PM schedule may include PM activities for fire extinguishers, battery-operated emergency lights and exit features, fire doors, kitchen hood suppression, smoke evacuation dampers, and stairwell pressurization fans.
- DLLR-regulated equipment inspections are a requirement and need to be scheduled and completed at the appropriate frequency. Inspections should be tracked and documented using the CMMS, and the inspection documentation should be available on site.

QUEEN ANNE'S COUNTY

Total School Facilities Assessed in FY 2023: 3



New Sudlersville Middle

Fiscal Year 2023: Key Facts



Queen Anne's County has 14 active school facilities.
No change since FY 2022.



The average adjusted age of all 14 school facilities is 22.0 years old.
+ 1 year since FY 2022.



Queen Anne's County maintains 1,302,658 SF throughout its 14 school facilities. It has the 18th greatest amount of SF of LEAs in MD.

No change since FY 2022.



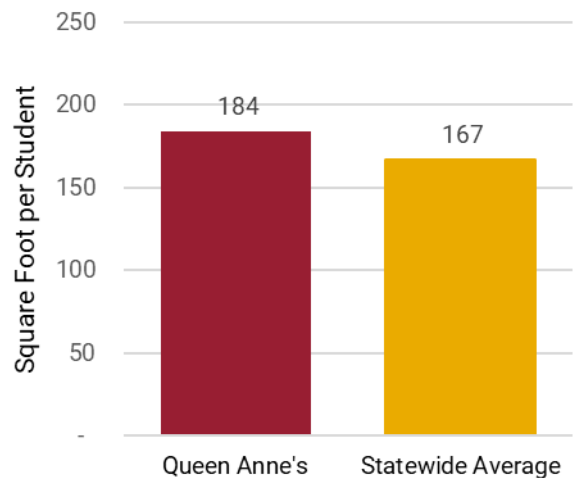
The current replacement value for Queen Anne's County's GSF, at the IAC's current replacement cost/SF, is nearly \$0.6 B.

70.49% (Adequate) = Average Overall Rating for FY 2023
+ 3.21% since FY 22

FY 2023 Overall Rating Results by School Type

| | Elementary | Middle | High | |
|--------------|------------|--------|------|---|
| Superior | | | | |
| Good | | | | |
| Adequate | 1 | 2 | | 3 |
| Not Adequate | | | | |
| Poor | | | | |
| Totals | 1 | 2 | | 3 |

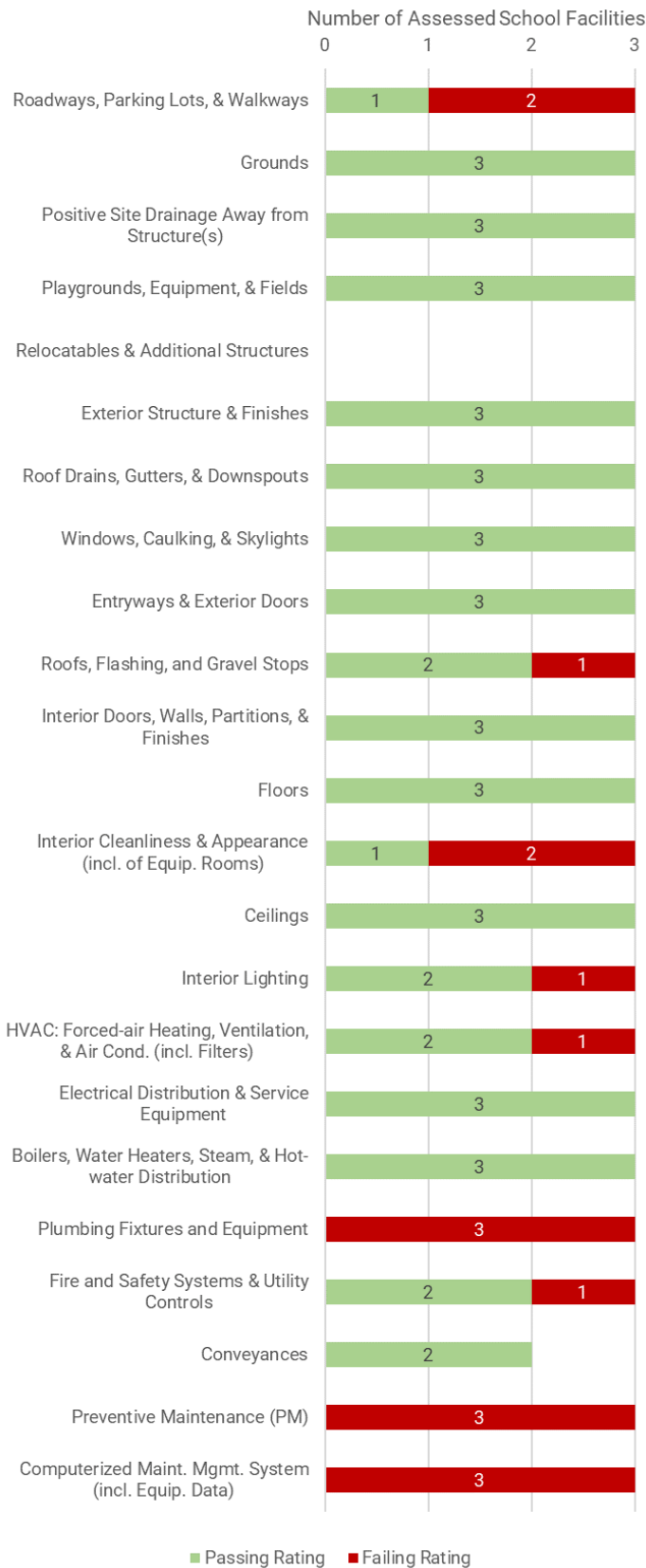
Average Square Foot per Student



FY 2023 Results: Summary of School Ratings

| School Name | School Type | Square Footage | Adjusted Age | Overall Rating | Rating of Individual Categories (does not include items not rated) | | | | | Deficiencies | |
|-----------------------------------------------|-------------|----------------|--------------|----------------|--------------------------------------------------------------------|------|----------|--------------|------|--------------|-------|
| | | | | | Superior | Good | Adequate | Not Adequate | Poor | Major | Minor |
| 1. Kennard Elementary (17.012) | Elementary | 64,010 | 20 | Adequate | 0 | 0 | 16 | 5 | 0 | 0 | 1 |
| 2. Matapeake Middle School (17.025) | Middle | 110,427 | 16 | Adequate | 0 | 0 | 15 | 7 | 0 | 0 | 1 |
| 3. New Sudlersville Middle (17.026) | Middle | 100,884 | 11 | Adequate | 0 | 0 | 18 | 4 | 0 | 0 | 1 |
| Totals | | | | | 0 | 0 | 49 | 16 | 0 | 0 | 3 |
| Percentage of Total Ratings for System | | | | | 0% | 0% | 75% | 25% | 0% | | |

FY23 Passing vs Failing Rating per Category



Strengths



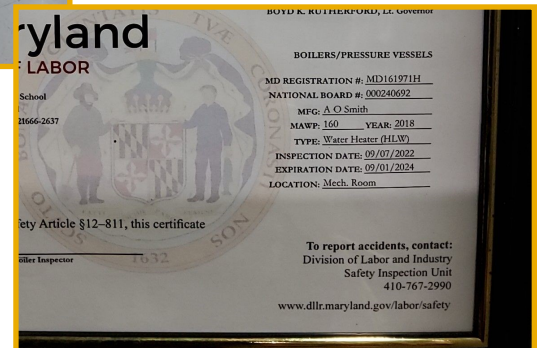
The roof drains appeared to be maintained well and are evaluated annually during the routine roof inspection along with gutters, overflow drains, scuppers, and downspouts, when applicable.

The fire doors appeared to function as designed at the assessed facilities. The interior walls and finishes were free of cracks and damage at two facilities, and the restroom partitions appeared well maintained at two facilities.



The play structures and gymnasium equipment appeared well maintained at all three facilities. The bleacher inspection reports were provided in the required pre-assessment documentation for the applicable facilities, and no deficiencies were noted on the reports.

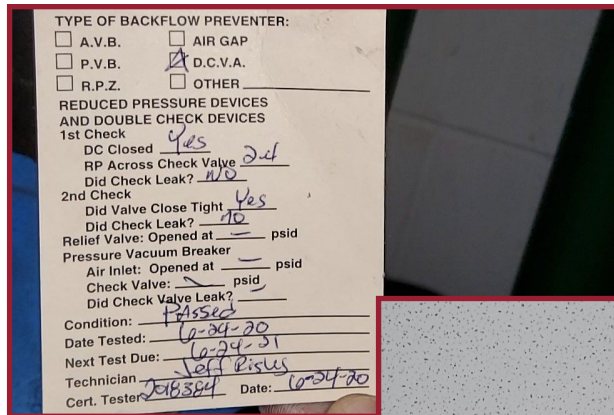
All three facilities received an Adequate rating for the Boilers, Water Heaters, Steam, & Hot-water Distribution category. The DLLR certificates were current and on display for all applicable boilers and water heaters.



Weaknesses

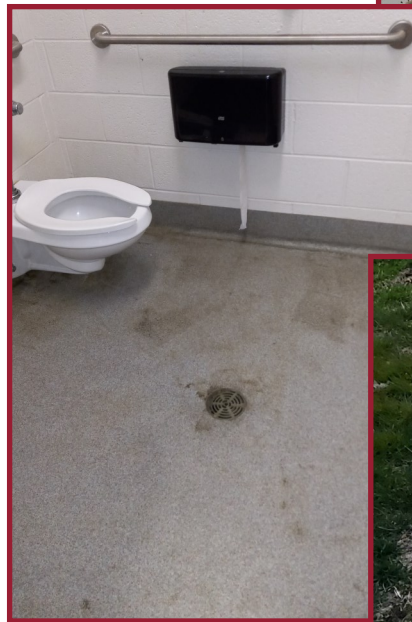
The backflow preventers in two facilities had either missing and/or expired inspection tags to verify that they were in proper working order, and a backflow preventer at the third facility appeared to be

leaking. Other than PM work orders for water fountains, no other PM work orders were identified for plumbing fixtures or related equipment.



No site-specific PM plan was provided for any of the assessed facilities, and it did not appear that most PM activities were tracked using the CMMS, such as fire and safety systems, HVAC equipment, bleachers, playgrounds, ceilings, windows, roofs, and some DLLR-regulated equipment. Multiple stained ceiling tiles were observed at all three assessed facilities.

Improper storage practices were noted at all three assessed facilities. At two facilities, storage was observed blocking egress or access to equipment. Cleaning activities appeared to be inconsistent at all three facilities. Custodial activities did not appear to be tracked using the CMMS at any of the assessed facilities.

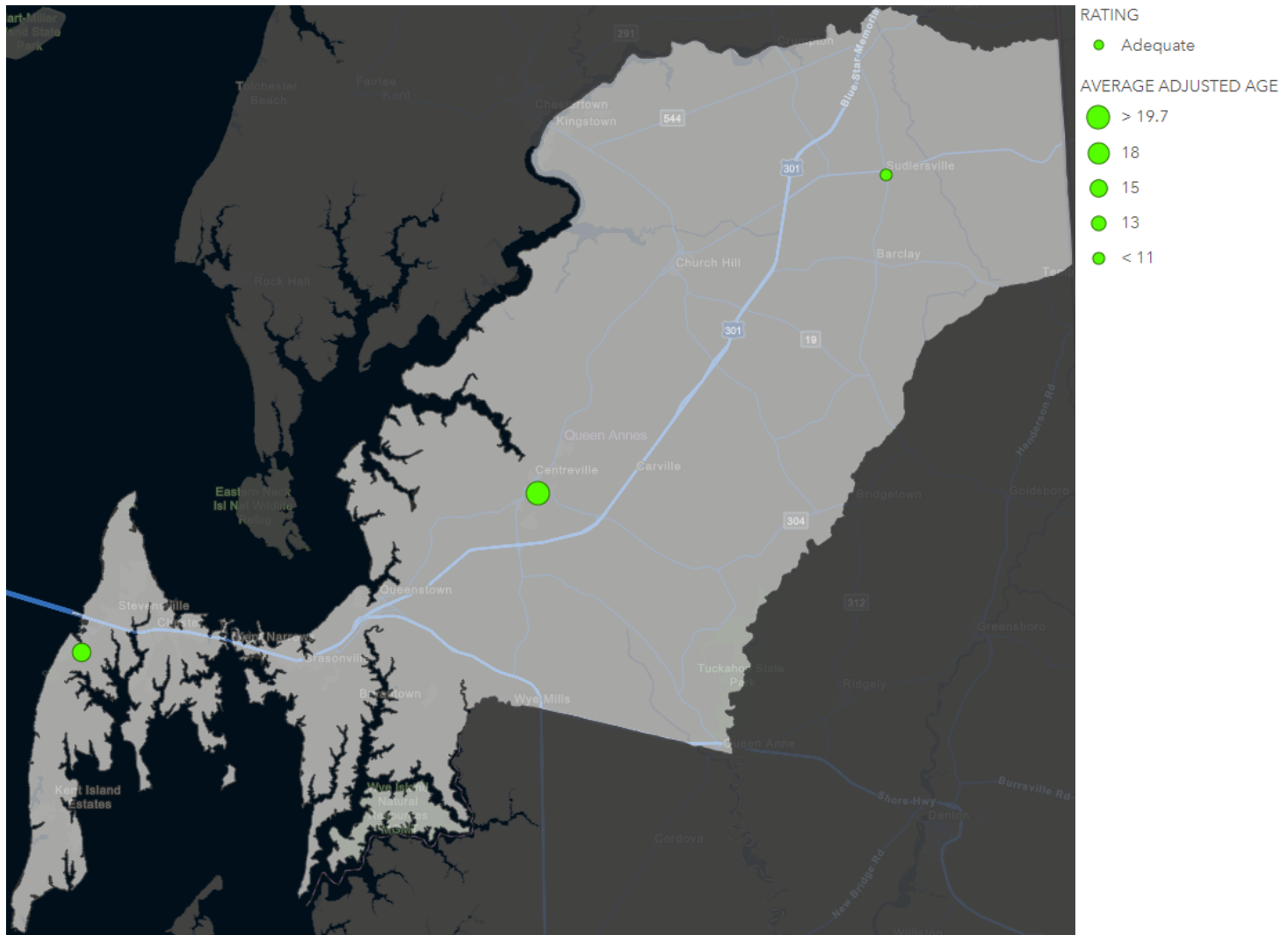


Cracked and/or deteriorated walkway surfaces were noted at all three facilities. One or more potholes were observed in the roadways at two facilities. Roadways, parking lots, and walkways were not identified in the PM schedules for the assessed facilities.

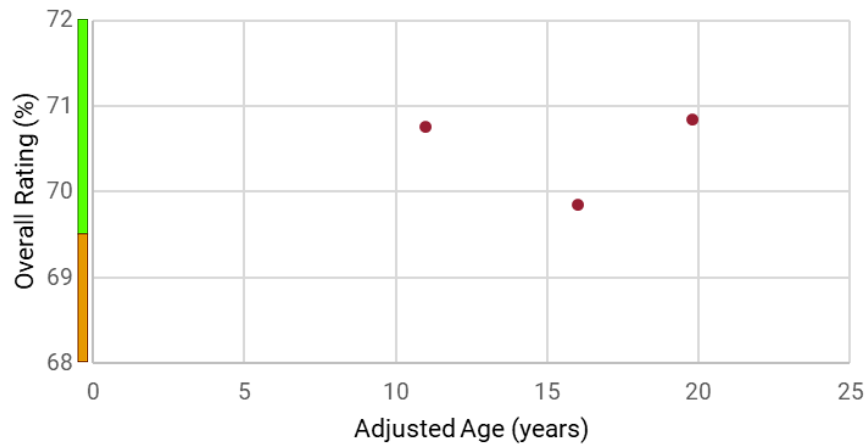
FY 2023 Results: Summary of Deficiencies by Category

| Category | | # of Major Deficiencies | # of Minor Deficiencies |
|------------------------------|--------------------------------------------------------------------|-------------------------|-------------------------|
| Site | Roadways, Parking Lots, & Walkways | 0 | 1 |
| | Grounds | 0 | 0 |
| | Positive Site Drainage Away from Structure(s) | 0 | 0 |
| | Playgrounds, Equipment, & Fields | 0 | 0 |
| | Relocatables & Additional Structures | 0 | 0 |
| Building Exterior | Exterior Structure & Finishes | 0 | 0 |
| | Roof Drains, Gutters, & Downspouts | 0 | 0 |
| | Windows, Caulking, & Skylights | 0 | 0 |
| | Entryways & Exterior Doors | 0 | 0 |
| | Roofs, Flashing, and Gravel Stops | 0 | 0 |
| Building Interior | Interior Doors, Walls, Partitions, & Finishes | 0 | 0 |
| | Floors | 0 | 0 |
| | Interior Cleanliness & Appearance (incl. of Equip. Rooms) | 0 | 1 |
| | Ceilings | 0 | 0 |
| | Interior Lighting | 0 | 0 |
| Building Equipment & Systems | HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters) | 0 | 0 |
| | Electrical Distribution & Service Equipment | 0 | 0 |
| | Boilers, Water Heaters, Steam, & Hot-water Distribution | 0 | 0 |
| | Plumbing Fixtures and Equipment | 0 | 1 |
| | Fire and Safety Systems & Utility Controls | 0 | 0 |
| | Conveyances | 0 | 0 |
| Total | | 0 | 3 |

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Create an asset list for each facility to encompass all essential and non-essential assets to store and manage asset-specific data (such as asset name, purchase date, purchase price, expected life span, model number, serial number, asset tag number or unique identification, type of asset, location, and any other relevant details), and use the CMMS to track the maintenance and repair history as well as performance of each asset over time.
- All essential assets should have auto-populating PM work orders created in the CMMS. These work orders should be scheduled to ensure the activities occur at industry-standard frequencies and within a reasonable timeframe of the expected completion.
- Fields should be set up to track the actions taken to complete the work order, work order purpose (such as preventive or reactive), labor hours, and costs to assist in establishing predictable cost trends and support more efficient resource management.
- Training for custodial staff should be enhanced or refreshed with an emphasis on safety requirements, including clearances around equipment and blockage of egress points. The CMMS could be used to track some or all custodial responsibilities in order to establish and ensure accountability.
- Backflow preventer inspections are a requirement in most jurisdictions and should be scheduled and completed at the appropriate frequency. Inspections should be tracked and documented using the CMMS, and the inspection documentation should be available on site.
- PM activities for roofs, HVAC equipment, fire and safety systems, and plumbing fixtures and equipment should be added to each facility's PM schedule to help extend the useful life of the existing surfaces and assets, prevent hazardous conditions, and avoid premature capital replacement projects.
- Regularly scheduled ceiling inspections should be created and tracked using the CMMS to identify any ceiling tiles missing, stained, or damaged. Corrective work orders should be created in the CMMS immediately following any inspection where deficiencies or issues are noted. Stained ceiling tiles should be replaced once the cause is identified and repaired.
- Roadways and parking lots should be added to the PM schedule. Consider applying sealants to asphalt parking lots and roadways to slow deterioration until such assets can be resurfaced.

ST. MARY'S COUNTY

Total School Facilities Assessed in FY 2023: 4



Leonardtwn Elementary

Fiscal Year 2023: Key Facts



St. Mary's County has 27 active school facilities.
No change since FY 2022.



The average adjusted age of all 27 school facilities is 26.6 years old.
+ 1 year since FY 2022.



St. Mary's County maintains 2,300,101 SF throughout its 27 school facilities. It has the 13th greatest amount of SF of LEAs in MD.

No change since FY 2022.

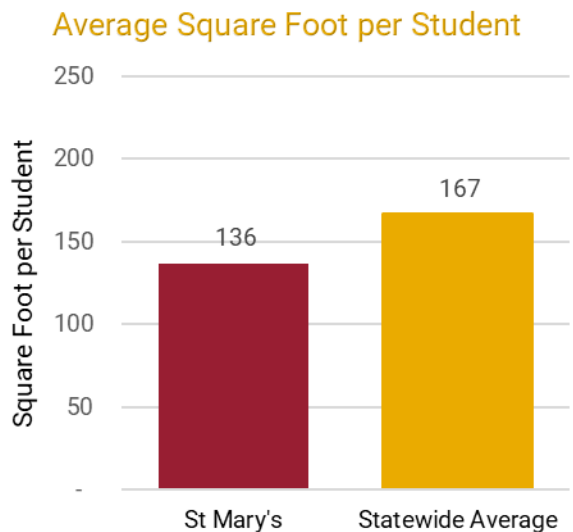


The current replacement value for St. Mary's County's GSF, at the IAC's current replacement cost/SF, is greater than \$1.0 B.

63.91% (Not Adequate) = Average Overall Rating for FY 2023
- 10.03% since FY 22

FY 2023 Overall Rating Results by School Type

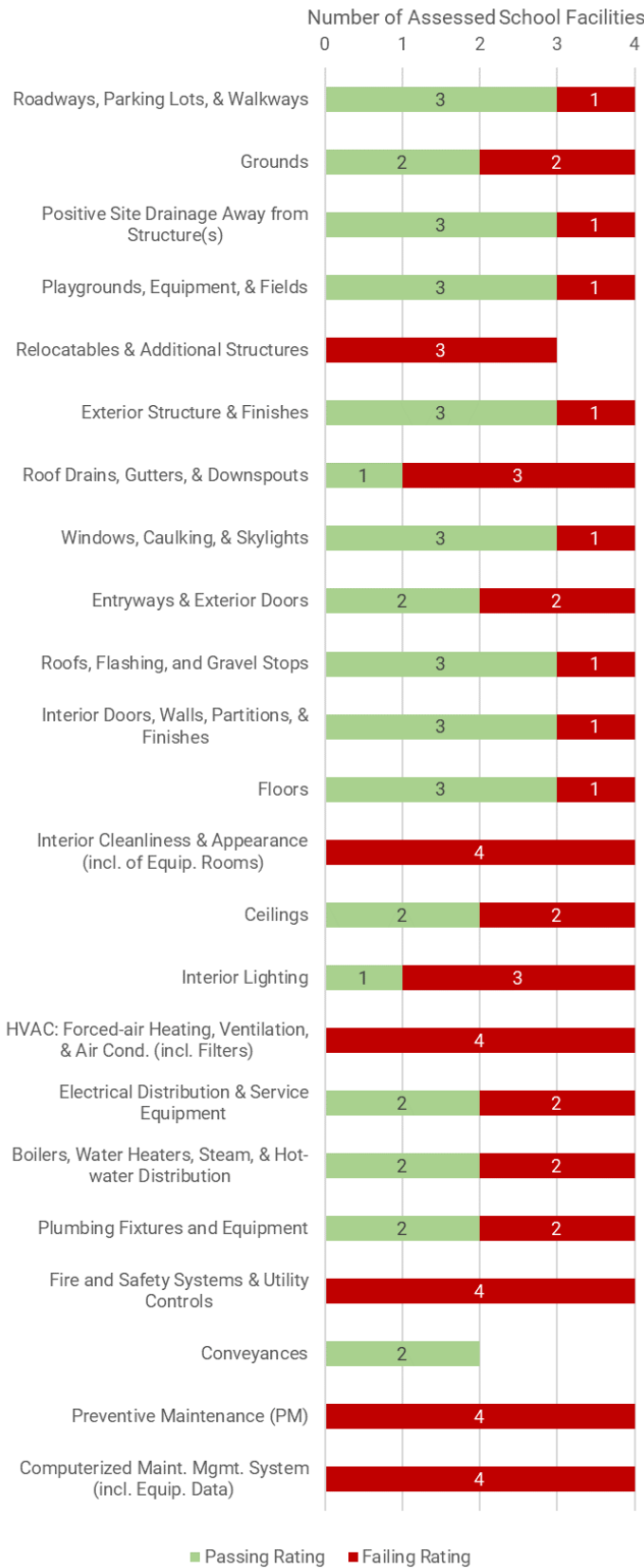
| | Elementary | Middle | High | |
|--------------|------------|--------|------|---|
| Superior | | | | |
| Good | | | | |
| Adequate | | | | |
| Not Adequate | 3 | 1 | | 4 |
| Poor | | | | |
| Totals | 3 | 1 | | 4 |



FY 2023 Results: Summary of School Ratings

| School Name | School Type | Square Footage | Adjusted Age | Overall Rating | Rating of Individual Categories (does not include items not rated) | | | | | Deficiencies | |
|-----------------------------------------------|-------------|----------------|--------------|----------------|--------------------------------------------------------------------|------|----------|--------------|------|--------------|-------|
| | | | | | Superior | Good | Adequate | Not Adequate | Poor | Major | Minor |
| 1. Ridge Elementary (18.006) | Elementary | 32,537 | 46 | Not Adequate | 0 | 1 | 13 | 8 | 1 | 0 | 7 |
| 2. Leonardtown Elementary (18.008) | Elementary | 67,847 | 14 | Not Adequate | 1 | 1 | 10 | 10 | 0 | 0 | 6 |
| 3. Margaret Brent Middle (18.009) | Middle | 131,354 | 17 | Not Adequate | 0 | 0 | 15 | 7 | 0 | 0 | 7 |
| 4. Piney Point Elementary (18.027) | Elementary | 57,794 | 25 | Not Adequate | 0 | 0 | 12 | 10 | 0 | 0 | 6 |
| Totals | | | | | 1 | 2 | 50 | 35 | 1 | 0 | 26 |
| Percentage of Total Ratings for System | | | | | 1% | 2% | 56% | 39% | 1% | | |

FY23 Passing vs Failing Rating per Category

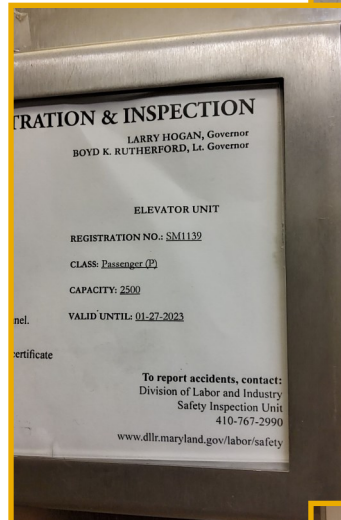


Strengths



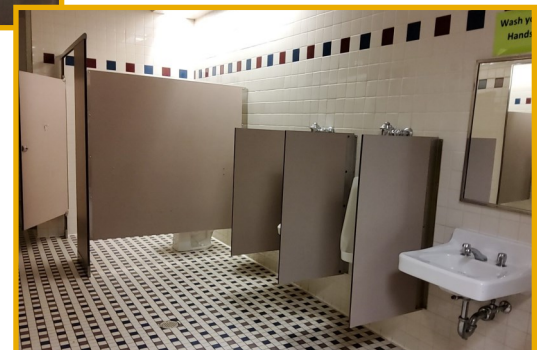
All windows appeared to operate as expected. Annual window glazing inspections were identified in the PM schedule at three facilities.

Dust mopping floors and vacuuming carpets are identified as daily tasks in the Operations Department - Standards document, which also details general procedures for floor care. No major issues that would require extensive repairs were identified.



The DLLR certificates were current for all applicable boilers, water heaters, and conveyances. When applicable, the facility PM schedule identified routine PM for boilers and water heaters.

Semi-annual restroom partition inspections and annual cabinet inspections were included in the PM schedule at every facility assessed. No issues were noted concerning the cabinets or restroom partitions.



Weaknesses

Three facilities were noted with dirty coils in HVAC units. Drive belts were observed broken, cracked, and/or loose at all four facilities. Two facilities had multiple non-functioning exhaust fans, and one facility was observed

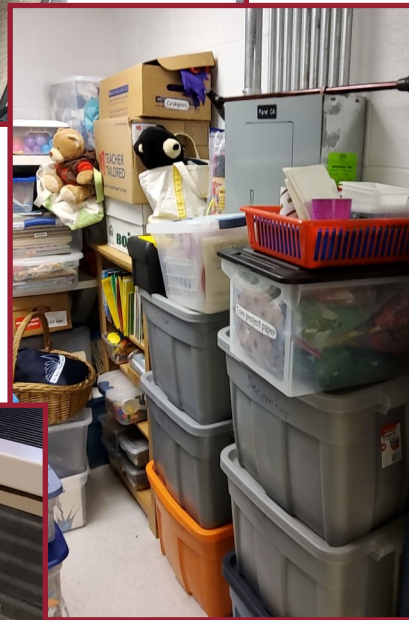


with mold-like growth on multiple split system units. All four facilities received a Not Adequate rating for the HVAC category.

Even though many essential assets were included in the PM schedule for each facility, many work orders, both PM and reactive, were taking more than 30 days to complete. At least 93 or more work orders were aged over 30 days at each facility.



Between 17 and 56 PM work orders were aged over 30 days at each facility, equating to 50%-100% of each facility's open PM work orders.



Unsafe storage practices were observed at all four facilities assessed blocking access to mechanical equipment. Items were also obstructing a doorway and access to a chairlift at one facility, and obstructing egress in an emergency exit stairwell at another facility.

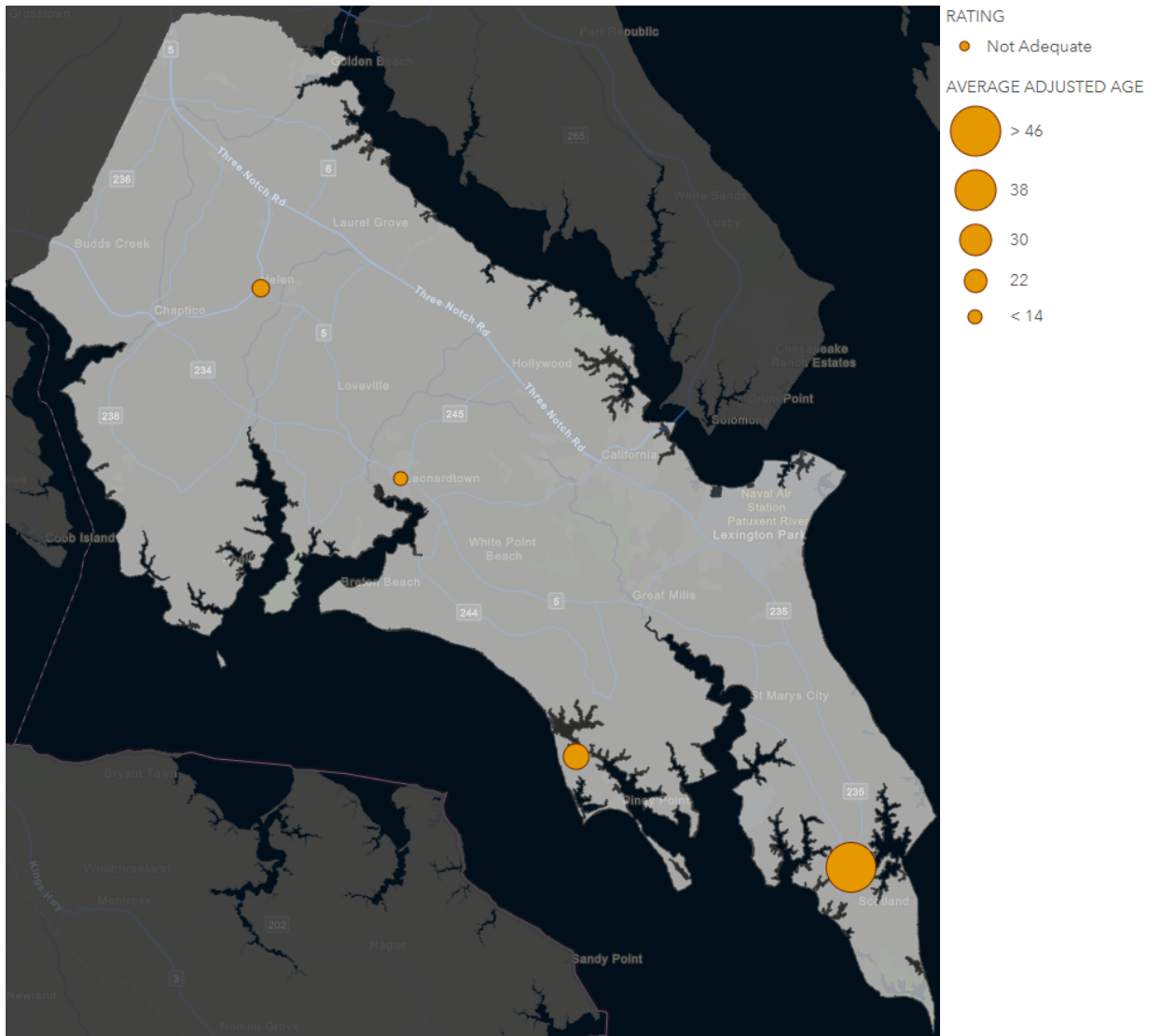


Annual emergency lighting inspections were identified in the PM schedules for the assessed facilities but were not being completed in a timely manner at every facility. One or more non-functioning emergency lights were identified at three facilities.

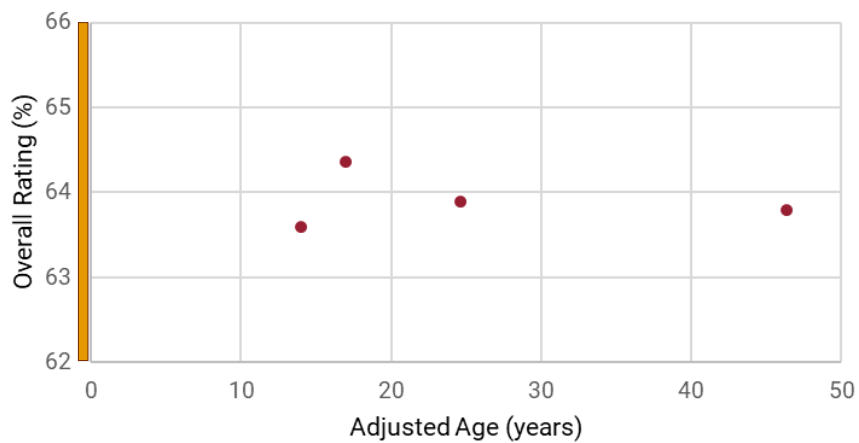
FY 2023 Results: Summary of Deficiencies by Category

| Category | | # of Major Deficiencies | # of Minor Deficiencies |
|------------------------------|--------------------------------------------------------------------|-------------------------|-------------------------|
| Site | Roadways, Parking Lots, & Walkways | 0 | 1 |
| | Grounds | 0 | 2 |
| | Positive Site Drainage Away from Structure(s) | 0 | 0 |
| | Playgrounds, Equipment, & Fields | 0 | 1 |
| | Relocatables & Additional Structures | 0 | 3 |
| Building Exterior | Exterior Structure & Finishes | 0 | 0 |
| | Roof Drains, Gutters, & Downspouts | 0 | 1 |
| | Windows, Caulking, & Skylights | 0 | 1 |
| | Entryways & Exterior Doors | 0 | 0 |
| | Roofs, Flashing, and Gravel Stops | 0 | 0 |
| Building Interior | Interior Doors, Walls, Partitions, & Finishes | 0 | 1 |
| | Floors | 0 | 0 |
| | Interior Cleanliness & Appearance (incl. of Equip. Rooms) | 0 | 1 |
| | Ceilings | 0 | 2 |
| | Interior Lighting | 0 | 3 |
| Building Equipment & Systems | HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters) | 0 | 1 |
| | Electrical Distribution & Service Equipment | 0 | 2 |
| | Boilers, Water Heaters, Steam, & Hot-water Distribution | 0 | 1 |
| | Plumbing Fixtures and Equipment | 0 | 2 |
| | Fire and Safety Systems & Utility Controls | 0 | 4 |
| | Conveyances | 0 | 0 |
| Total | | 0 | 26 |

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Additional PM checks and/or additional oversight are recommended to ensure the HVAC systems receive the necessary amount of PM work at the appropriate frequency to remain functional and efficient.
- Training for custodial staff should be enhanced or refreshed with an emphasis on safety requirements, including clearances around equipment and blockage of egress points. The CMMS could be used to track some or all custodial responsibilities in order to establish and ensure accountability.
- Implementing quality control procedures is recommended to ensure PM work orders are being completed effectively and the actions taken to complete the work are recorded accurately.
- A field should be created in the CMMS to track the days each work order has aged to help identify causes of possible bottlenecks and streamline workflow processes. Fields should also be set up to track labor hours and costs to assist in establishing predictable cost trends and support more efficient resource management.

SOMERSET COUNTY

Total School Facilities Assessed in FY 2023: 3



Fiscal Year 2023: Key Facts

10 facilities

Somerset County has 10 active school facilities.
No change since FY 2022.

22.3 years old

The average adjusted age of all 10 school facilities is 22.3 years old.
+ 1 year since FY 2022.

> 0.6 M GSF

Somerset County maintains 671,356 SF throughout its 10 school facilities. It has the 23rd greatest amount of SF of LEAs in MD.

No change since FY 2022.

> \$0.3 B

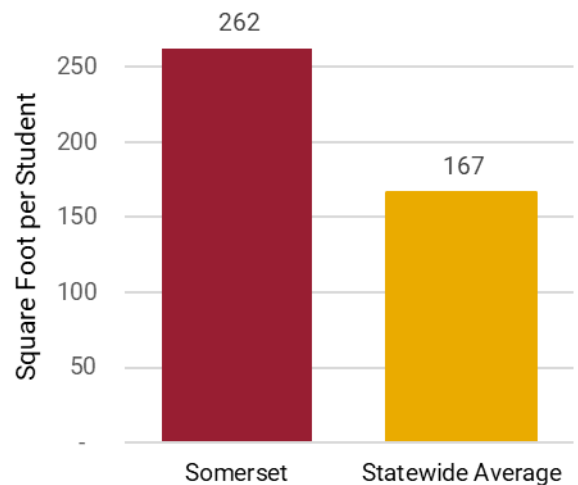
The current replacement value for Somerset County's GSF, at the IAC's current replacement cost/SF, is greater than \$0.3 B.

62.87% (Not Adequate) = Average Overall Rating for FY 2023
- 5.27% since FY 22

FY 2023 Overall Rating Results by School Type

| | Elementary | Elementary/Middle | Administrative | |
|--------------|------------|-------------------|----------------|---|
| Superior | | | | |
| Good | | | | |
| Adequate | | | | |
| Not Adequate | 1 | | 1 | 2 |
| Poor | | 1 | | 1 |
| Totals | 1 | 1 | 1 | 3 |

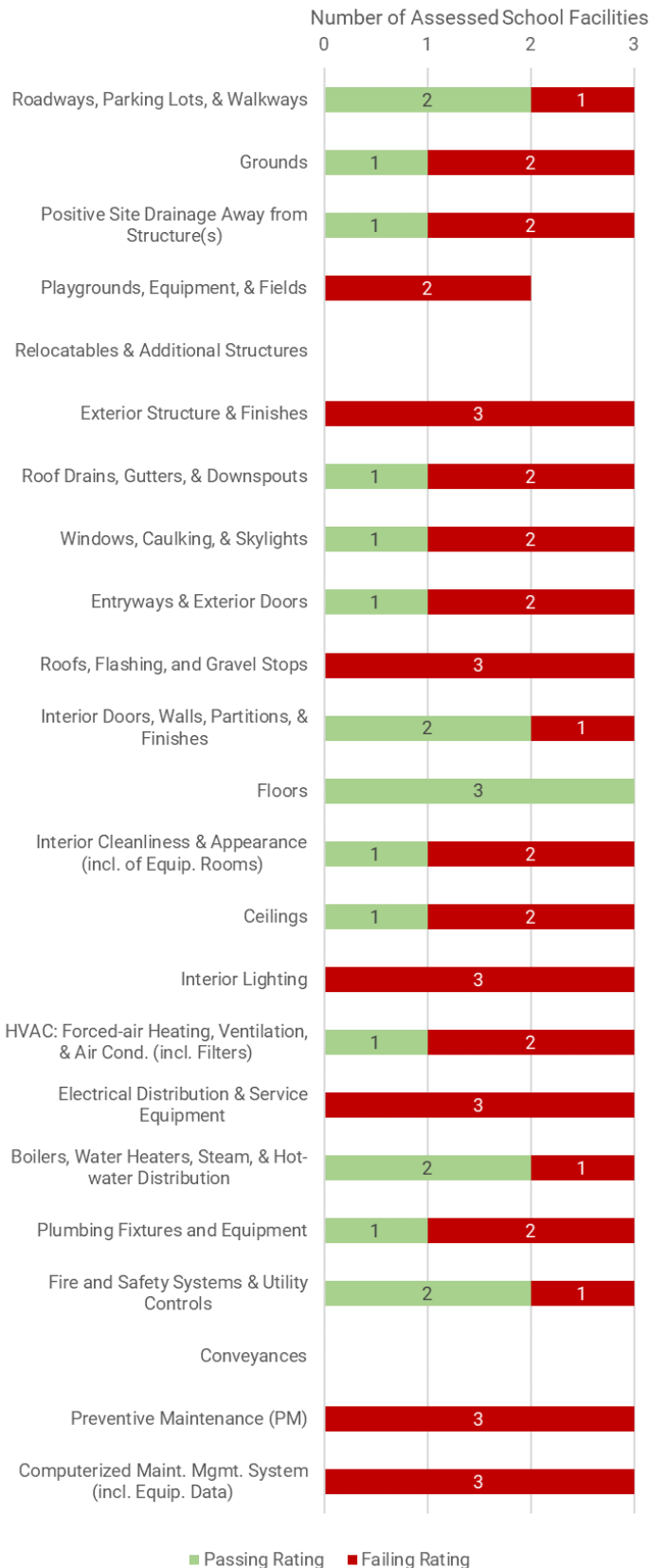
Average Square Foot per Student



FY 2023 Results: Summary of School Ratings

| School Name | School Type | Square Footage | Adjusted Age | Overall Rating | Rating of Individual Categories (does not include items not rated) | | | | | Deficiencies | |
|------------------------------------------------|-----------------------|----------------|--------------|----------------|--------------------------------------------------------------------|----------|-----------|--------------|----------|--------------|-----------|
| | | | | | Superior | Good | Adequate | Not Adequate | Poor | Major | Minor |
| 1. Somerset County Board of Education (19.003) | Administrative | 49,500 | 46 | Not Adequate | 0 | 0 | 7 | 10 | 3 | 0 | 2 |
| 2. Deal Island Elementary School (19.007) | Elementary | 29,462 | 46 | Not Adequate | 0 | 0 | 9 | 12 | 0 | 0 | 3 |
| 3. Ewell Elementary School (19.011) | Elementary/ Middle | 8,614 | 52 | Poor | 0 | 0 | 6 | 10 | 5 | 0 | 8 |
| Totals | | | | | 0 | 0 | 22 | 32 | 8 | 0 | 13 |
| Percentage of Total Ratings for System | | | | | 0% | 0% | 35% | 52% | 13% | | |

FY23 Passing vs Failing Rating per Category

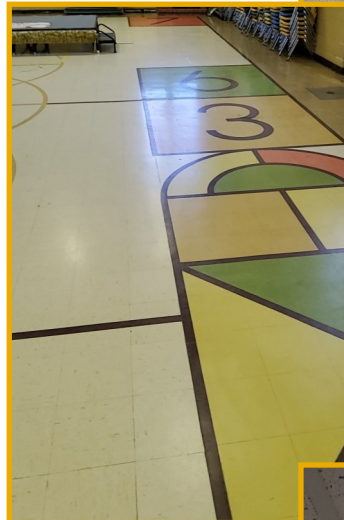
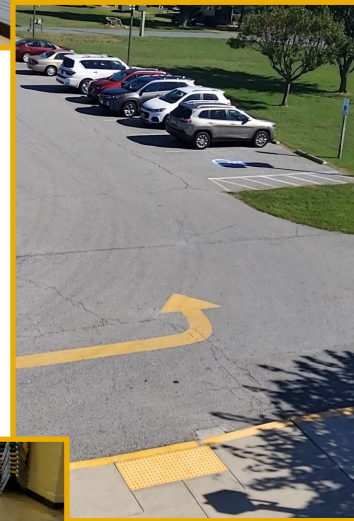


Strengths



Two facilities received an Adequate rating for Interior Doors, Walls, Partitions, & Finishes due to evidence of regular competent custodial and maintenance practices.

The paving schedule for each facility's parking lots and sidewalks was provided in the CMP. Two facilities received an Adequate rating for Roadways, Parking Lots, & Walkways, and showed no significant signs of deterioration in these areas.



A chart detailing the carpet and tile replacement schedule for each facility was included in the CMP. All three facilities appeared to receive regular custodial and maintenance to their flooring assets.

All of the assessed emergency lights operated correctly and no troubles were present in the fire alarm systems. Per the CMP, fire sprinklers, fire alarms, and fire extinguishers receive routine inspections.

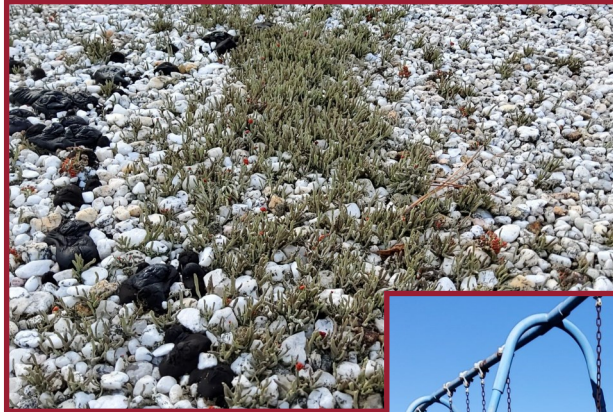


Weaknesses

Roof blistering was noted at two facilities and vegetative growth was identified on all three facilities' roofs.

No roof inspection reports were provided in the required pre-assessment documentation, and roof inspections were

not identified in the PM work order history for any of the assessed facilities.



The two facilities with playgrounds were both observed with damaged equipment. Per the CMP, service maintenance contracts and/or agreements are in place for routine playground inspections. However, no playground inspection reports were provided in the required pre-assessment documentation, and playground inspections were not identified in the PM work order history for either facility.

No PM plans or schedules were provided in the required pre-assessment documentation. Based on the CMMS work order history documentation received, it did not appear PM work orders were auto-generated or manually populated on a set schedule.

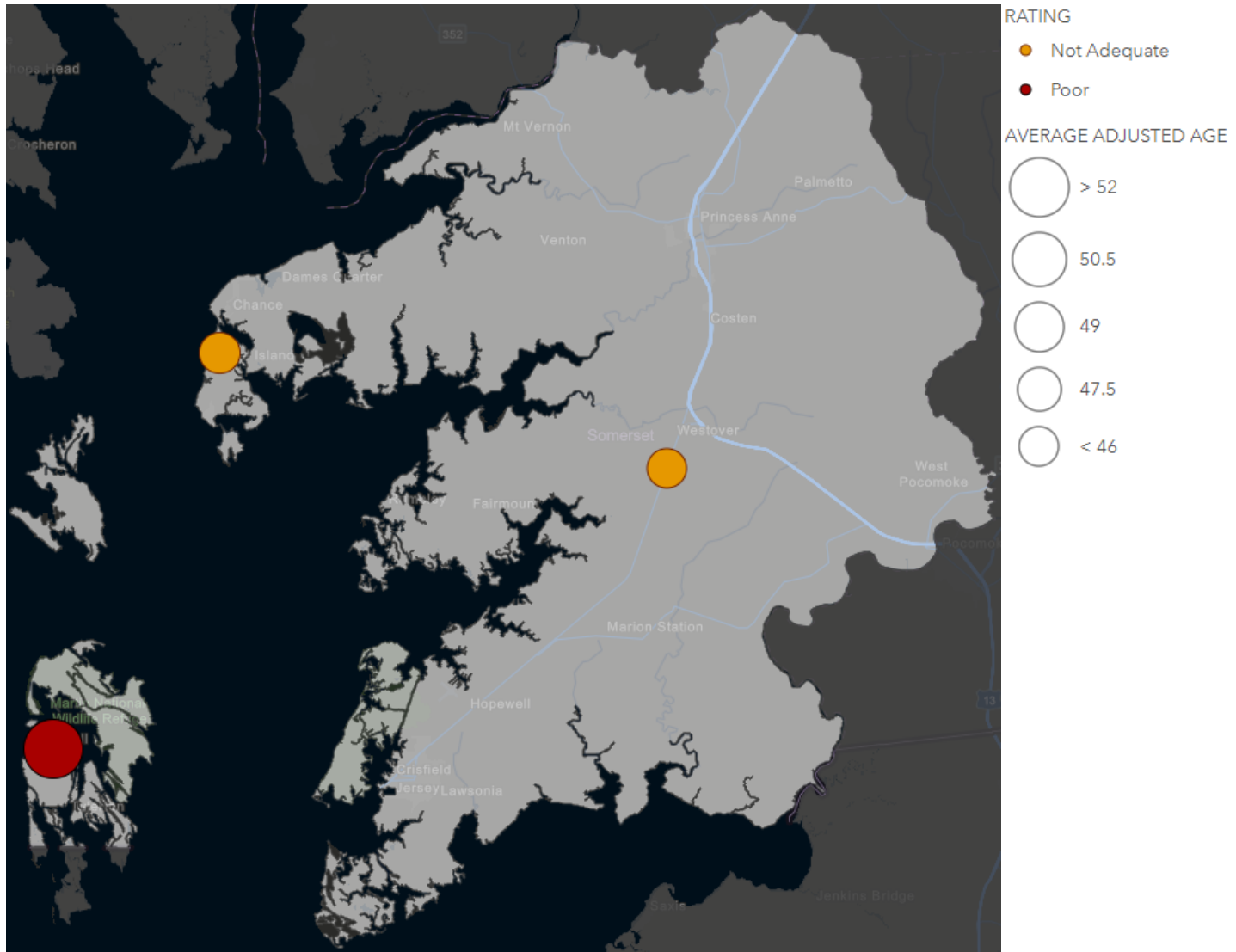


Several non-functioning light fixtures were observed at all three facilities. Interior lighting was not identified in the PM work order history for any of the assessed facilities.

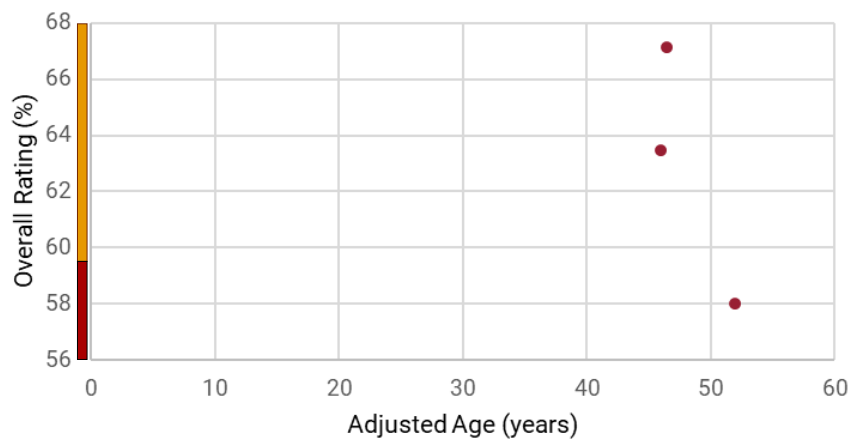
FY 2023 Results: Summary of Deficiencies by Category

| Category | | # of Major Deficiencies | # of Minor Deficiencies |
|------------------------------|--------------------------------------------------------------------|-------------------------|-------------------------|
| Site | Roadways, Parking Lots, & Walkways | 0 | 0 |
| | Grounds | 0 | 2 |
| | Positive Site Drainage Away from Structure(s) | 0 | 0 |
| | Playgrounds, Equipment, & Fields | 0 | 1 |
| | Relocatables & Additional Structures | 0 | 0 |
| Building Exterior | Exterior Structure & Finishes | 0 | 1 |
| | Roof Drains, Gutters, & Downspouts | 0 | 0 |
| | Windows, Caulking, & Skylights | 0 | 1 |
| | Entryways & Exterior Doors | 0 | 1 |
| | Roofs, Flashing, and Gravel Stops | 0 | 0 |
| Building Interior | Interior Doors, Walls, Partitions, & Finishes | 0 | 1 |
| | Floors | 0 | 0 |
| | Interior Cleanliness & Appearance (incl. of Equip. Rooms) | 0 | 0 |
| | Ceilings | 0 | 1 |
| | Interior Lighting | 0 | 1 |
| Building Equipment & Systems | HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters) | 0 | 0 |
| | Electrical Distribution & Service Equipment | 0 | 3 |
| | Boilers, Water Heaters, Steam, & Hot-water Distribution | 0 | 0 |
| | Plumbing Fixtures and Equipment | 0 | 0 |
| | Fire and Safety Systems & Utility Controls | 0 | 1 |
| | Conveyances | 0 | 0 |
| Total | | 0 | 13 |

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- Roof inspections should be completed on an annual basis. These inspections should be scheduled and tracked using the CMMS.
- Corrective work orders should be created in the CMMS immediately following any inspection where deficiencies or issues are noted and identified as inspection deficiencies. This will help identify trends and common issues in order to better proactively maintain areas.
- Auto-populating PM work orders should be created and implemented for interior lighting. PM checks should detail the desired outcome for each check, such as:
 - ◇ ensure all light bulbs and fluorescent and LED tubes are functioning properly
 - ◇ ensure lenses, protective cages, or plastic tube sleeves in place
- Regularly scheduled playground inspections should be created and tracked using the CMMS. Additional training on playground maintenance procedures and requirements may be needed to ensure the required inspections, cleaning, and repairs are taking place.
- A site-specific PM plan should be created, encompassing all essential and applicable non-essential assets, and PM work orders scheduled to auto-populate to address all maintainable features of equipment and systems at industry-standard frequencies.

TALBOT COUNTY

Total School Facilities Assessed in FY 2023: 3



Tilghman Elementary

Fiscal Year 2023: Key Facts



Talbot County has 8 active school facilities.
No change since FY 2022.



The average adjusted age of all 8 school facilities is 18.1 years old.
+ 1 year since FY 2022.



Talbot County maintains 700,971 SF throughout its 8 school facilities. It has the 22nd greatest amount of SF of LEAs in MD.

No change since FY 2022.

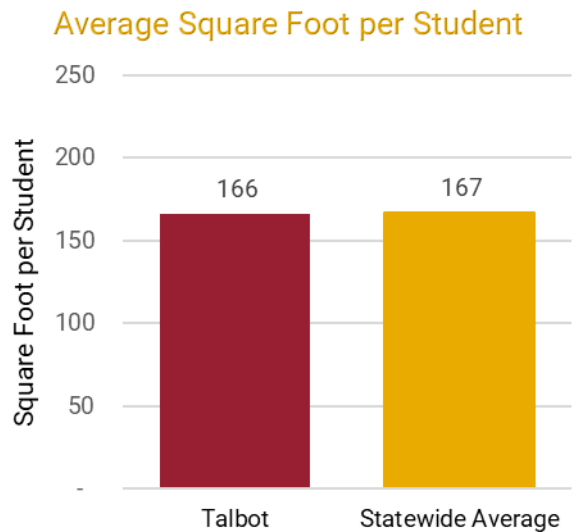


The current replacement value for Talbot County's GSF, at the IAC's current replacement cost/SF, is greater than \$0.3 B.

71.96% (Adequate) = Average Overall Rating for FY 2023
+ 1.13% since FY 22

FY 2023 Overall Rating Results by School Type

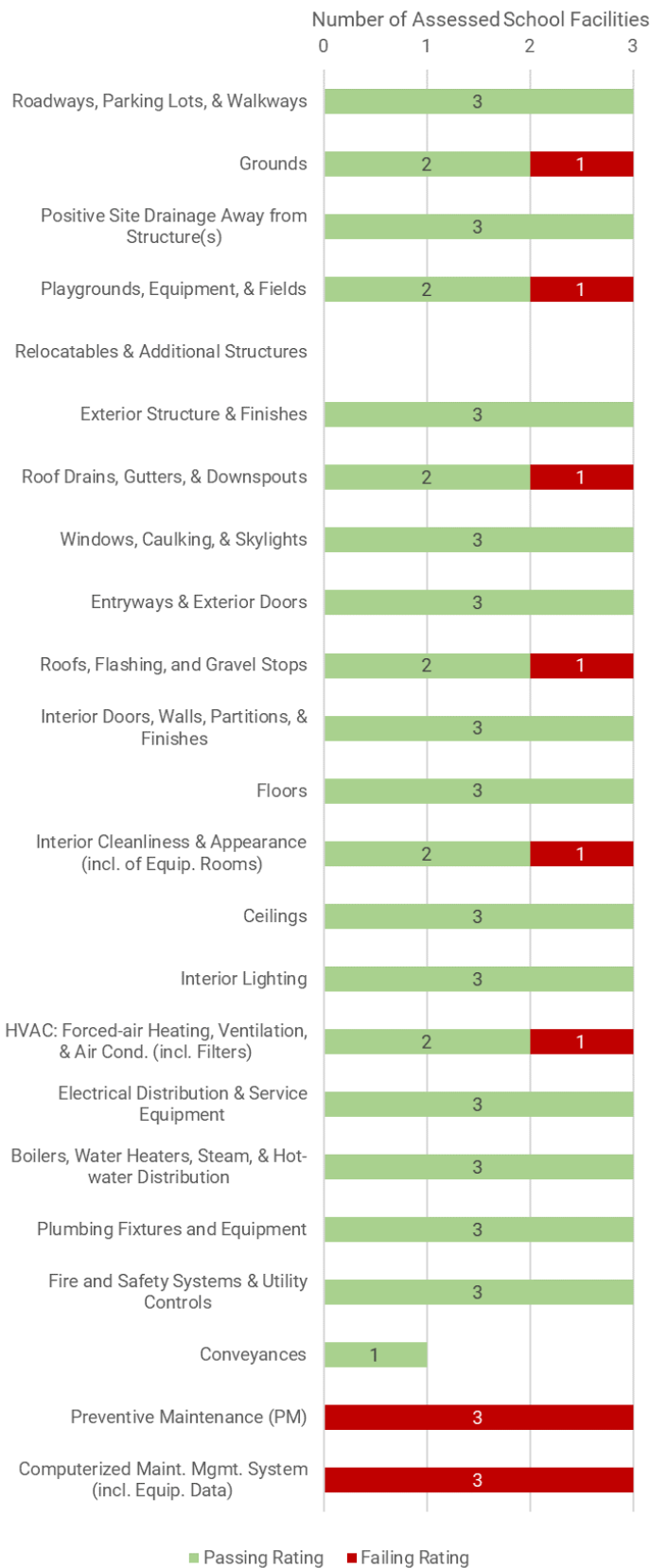
| | Elementary | Middle | High | |
|--------------|------------|--------|------|---|
| Superior | | | | |
| Good | | | | |
| Adequate | 2 | | 1 | 3 |
| Not Adequate | | | | |
| Poor | | | | |
| Totals | 2 | | 1 | 3 |



FY 2023 Results: Summary of School Ratings

| School Name | School Type | Square Footage | Adjusted Age | Overall Rating | Rating of Individual Categories (does not include items not rated) | | | | | Deficiencies | |
|-----------------------------------------------|-------------|----------------|--------------|----------------|--------------------------------------------------------------------|------|----------|--------------|------|--------------|-------|
| | | | | | Superior | Good | Adequate | Not Adequate | Poor | Major | Minor |
| 1. St. Michaels Elementary (20.001) | Elementary | 80,581 | 14 | Adequate | 0 | 0 | 14 | 7 | 0 | 0 | 0 |
| 2. Easton High (20.002) | High | 186,829 | 25 | Adequate | 0 | 0 | 20 | 2 | 0 | 0 | 0 |
| 3. Tilghman Elementary (20.009) | Elementary | 28,684 | 20 | Adequate | 0 | 0 | 18 | 3 | 0 | 0 | 0 |
| Totals | | | | | 0 | 0 | 52 | 12 | 0 | 0 | 0 |
| Percentage of Total Ratings for System | | | | | 0% | 0% | 81% | 19% | 0% | | |

FY23 Passing vs Failing Rating per Category

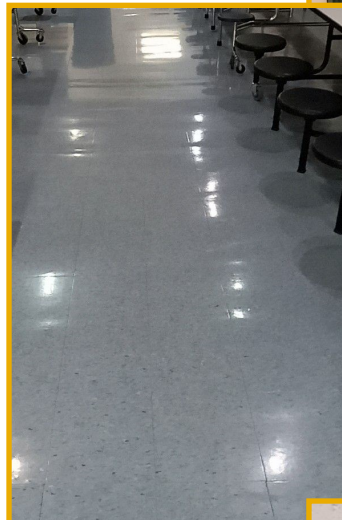


Strengths



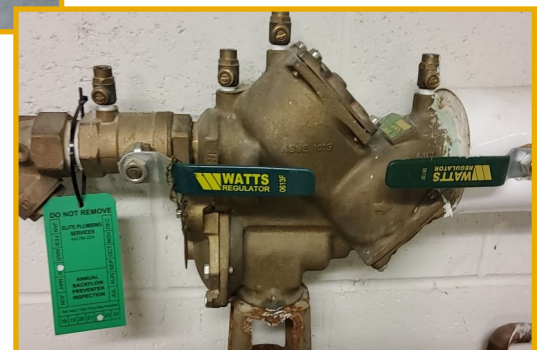
No significant issues were noted with the exterior structures or finishes. The brick exteriors appeared structurally sound with little to no signs of deterioration.

Only minor issues were noted with the windows or skylights, and most appeared to be weatherproof and watertight.



The Custodial Standard Task List identifies various floor cleaning activities. No issues were observed with the floors at one facility, and most of the floors at another facility appeared well maintained. All three facilities received an Adequate rating in the Floors category.

No plumbing fixtures were leaking at two facilities. The backflow preventer inspection tags were current at all three facilities.



Weaknesses

Roadways, parking lots, and walkways were not identified in the PM schedules for the assessed facilities. Cracked and deteriorated concrete walkways were observed at two facilities; both also had vegetation growing from cracks in the walkways and/or roadways.



Damaged gymnasium or play area equipment were observed at two facilities. The bleachers were not identified in the PM schedules for the two applicable facilities. Two facilities had playground equipment; playground inspections were identified in the PM schedule for only one of those facilities, and the associated PM work order was open and aged over 120 days.

Improper storage practices were observed at all three facilities. At one facility, storage was obstructing egress. One facility received a Not Adequate rating in the Interior Cleanliness & Appearance (incl. of Equip. Rooms) category.

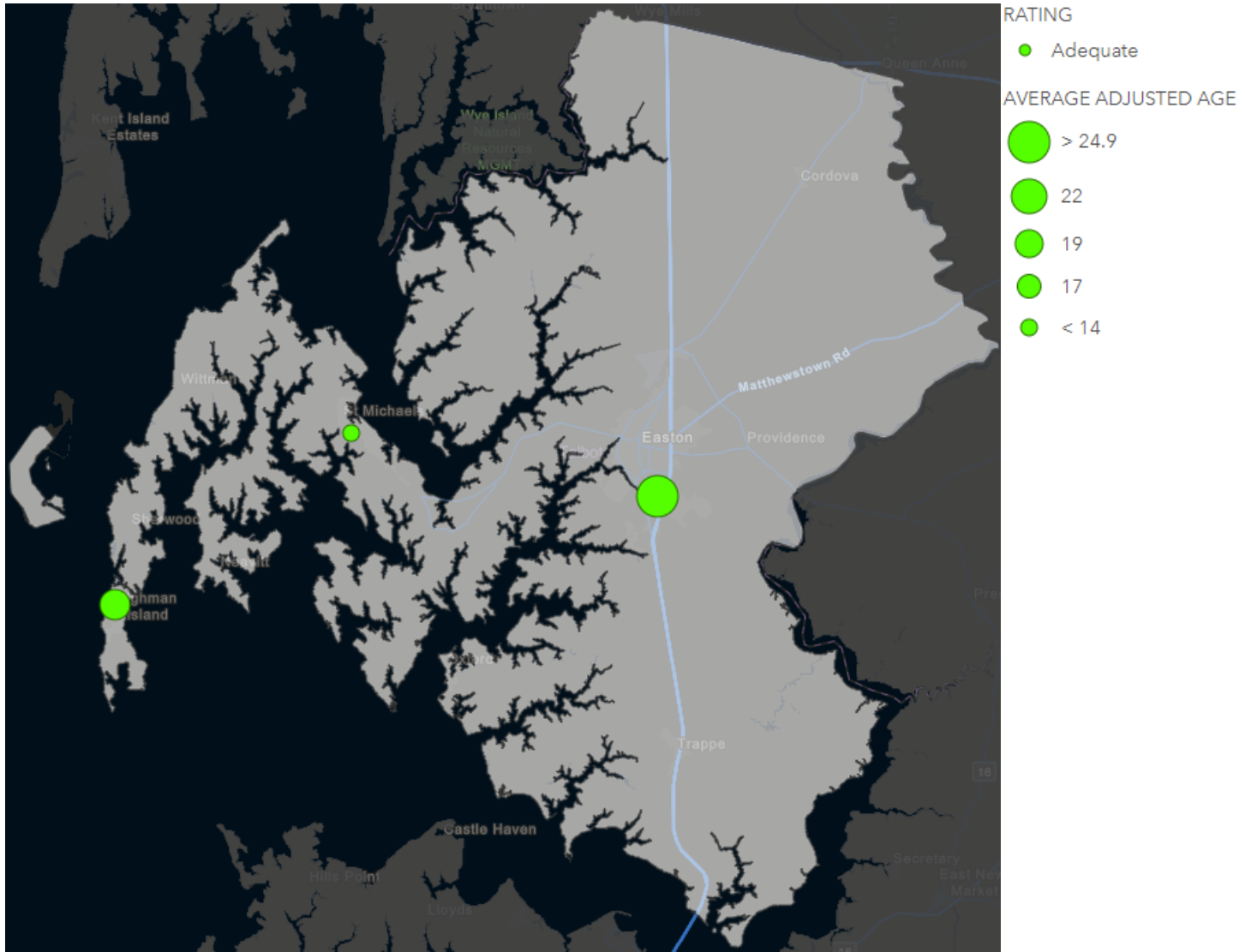


Some essential assets were not identified in the PM schedules for the assessed facilities, such as fire and safety systems, pest management, and some DLLR-regulated equipment.

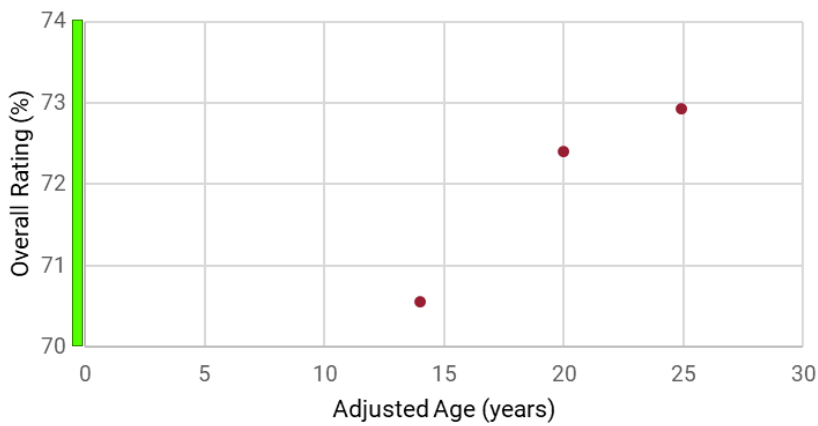
FY 2023 Results: Summary of Deficiencies by Category

| Category | | # of Major Deficiencies | # of Minor Deficiencies |
|------------------------------|--------------------------------------------------------------------|-------------------------|-------------------------|
| Site | Roadways, Parking Lots, & Walkways | 0 | 0 |
| | Grounds | 0 | 0 |
| | Positive Site Drainage Away from Structure(s) | 0 | 0 |
| | Playgrounds, Equipment, & Fields | 0 | 0 |
| | Relocatables & Additional Structures | 0 | 0 |
| Building Exterior | Exterior Structure & Finishes | 0 | 0 |
| | Roof Drains, Gutters, & Downspouts | 0 | 0 |
| | Windows, Caulking, & Skylights | 0 | 0 |
| | Entryways & Exterior Doors | 0 | 0 |
| | Roofs, Flashing, and Gravel Stops | 0 | 0 |
| Building Interior | Interior Doors, Walls, Partitions, & Finishes | 0 | 0 |
| | Floors | 0 | 0 |
| | Interior Cleanliness & Appearance (incl. of Equip. Rooms) | 0 | 0 |
| | Ceilings | 0 | 0 |
| | Interior Lighting | 0 | 0 |
| Building Equipment & Systems | HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters) | 0 | 0 |
| | Electrical Distribution & Service Equipment | 0 | 0 |
| | Boilers, Water Heaters, Steam, & Hot-water Distribution | 0 | 0 |
| | Plumbing Fixtures and Equipment | 0 | 0 |
| | Fire and Safety Systems & Utility Controls | 0 | 0 |
| | Conveyances | 0 | 0 |
| Total | | 0 | 0 |

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- All fire and safety systems and components should have PM activities scheduled at the appropriate frequencies and tracked using the CMMS. Depending on what is installed at each facility, the PM schedule may include PM activities for fire extinguishers, battery-operated emergency lights and exit features, fire doors, kitchen hood suppression, smoke evacuation dampers, and stairwell pressurization fans.
- All site-specific PM schedules should have the remainder of essential and applicable non-essential assets added and auto-populating PM work orders created to address all maintainable features of equipment and systems at industry-standard frequencies.
- Training for custodial staff should be enhanced or refreshed with an emphasis on safety requirements, including clearances around equipment and blockage of egress points. The CMMS could be used to track some or all custodial responsibilities in order to establish and ensure accountability.
- Additional training on playground maintenance procedures and requirements may be needed to ensure the required inspections, cleaning, and repairs are taking place. Safety issues should be reported and addressed immediately.

WASHINGTON COUNTY

Total School Facilities Assessed in FY 2023: 6

Smithsburg Elementary

Fiscal Year 2023: Key Facts

46
facilities

Washington County has 46 active school facilities.
No change since FY 2022.

35.8
years old

The average adjusted age of all 46 school facilities is 35.8 years old.
+ 1 year since FY 2022.

> 3.4 M
GSF

Washington County maintains 3,476,622 SF throughout its 46 school facilities. It has the 11th greatest amount of SF of LEAs in MD.

No change since FY 2022.

< \$1.6 B

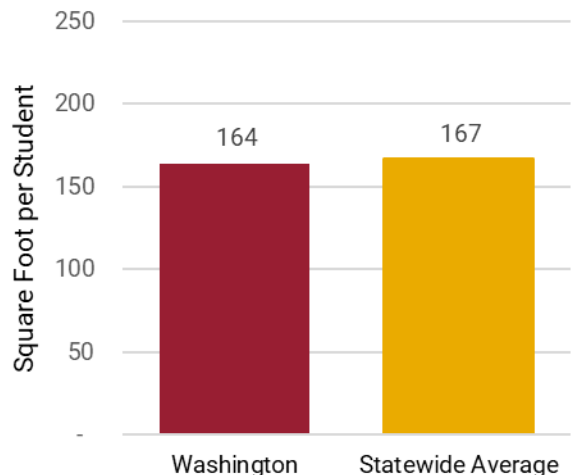
The current replacement value for Washington County's GSF, at the IAC's current replacement cost/SF, is nearly \$1.6 B.

68.03% (Not Adequate) = Average Overall Rating for FY 2023
- 5.22% since FY 22

FY 2023 Overall Rating Results by School Type

| | Elementary | Middle | High | |
|--------------|------------|--------|------|---|
| Superior | | | | |
| Good | | | | |
| Adequate | 1 | 1 | | 2 |
| Not Adequate | 3 | 1 | | 4 |
| Poor | | | | |
| Totals | 4 | 2 | | 6 |

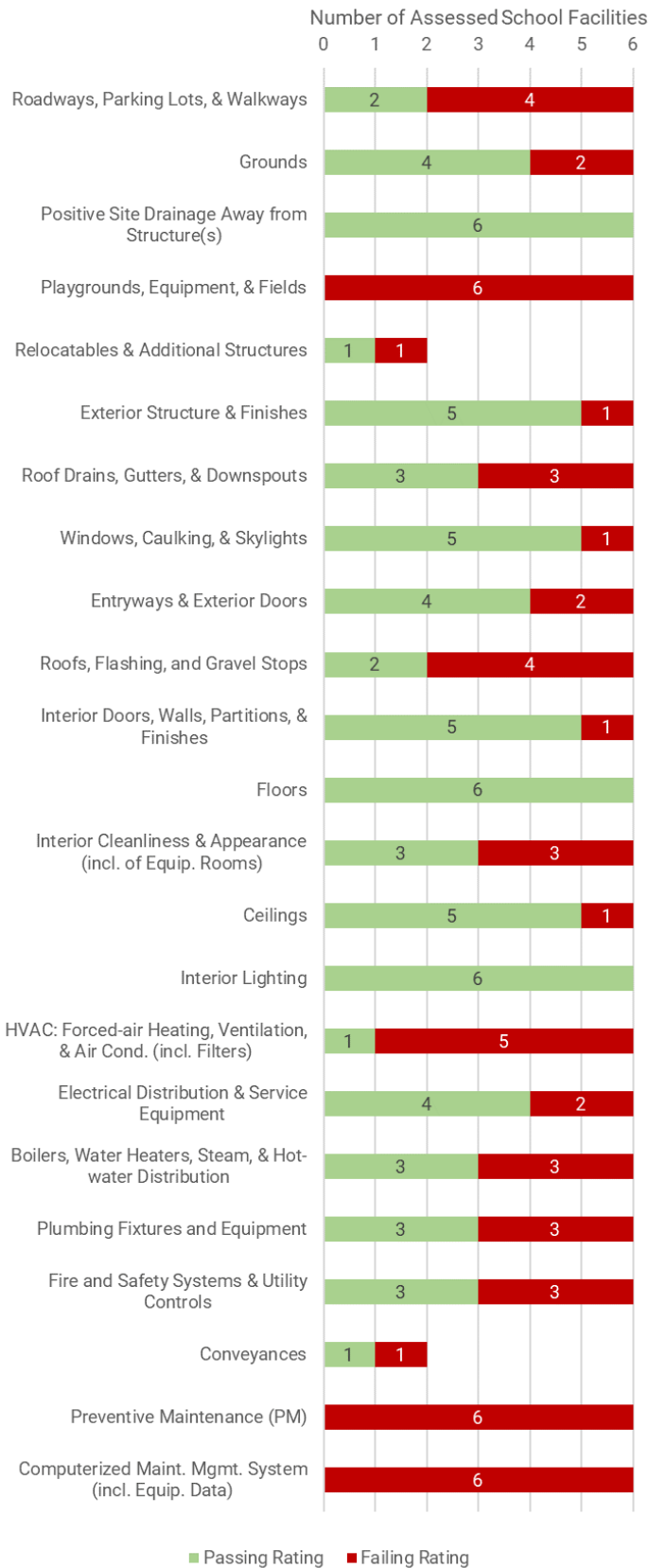
Average Square Foot per Student



FY 2023 Results: Summary of School Ratings

| School Name | School Type | Square Footage | Adjusted Age | Overall Rating | Rating of Individual Categories (does not include items not rated) | | | | | Deficiencies | |
|----------------------------------------|-------------|----------------|--------------|----------------|--------------------------------------------------------------------|------|----------|--------------|------|--------------|-------|
| | | | | | Superior | Good | Adequate | Not Adequate | Poor | Major | Minor |
| 1. Hickory Elementary (21.004) | Elementary | 39,571 | 47 | Adequate | 0 | 0 | 14 | 7 | 0 | 0 | 0 |
| 2. Clear Spring Middle (21.007) | Middle | 66,122 | 43 | Adequate | 0 | 1 | 13 | 7 | 0 | 0 | 0 |
| 3. Boonsboro Middle (21.010) | Middle | 105,590 | 46 | Not Adequate | 0 | 0 | 11 | 10 | 0 | 0 | 7 |
| 4. Bester Elementary (21.021) | Elementary | 72,951 | 8 | Not Adequate | 0 | 0 | 14 | 8 | 0 | 0 | 3 |
| 5. Williamsport Elementary (21.029) | Elementary | 64,112 | 19 | Not Adequate | 0 | 0 | 12 | 10 | 0 | 0 | 2 |
| 6. Smithsburg Elementary (21.036) | Elementary | 48,587 | 25 | Not Adequate | 0 | 0 | 12 | 11 | 0 | 0 | 1 |
| Totals | | | | | 0 | 1 | 76 | 53 | 0 | 0 | 13 |
| Percentage of Total Ratings for System | | | | | 0% | 1% | 58% | 41% | 0% | | |

FY23 Passing vs Failing Rating per Category



Strengths



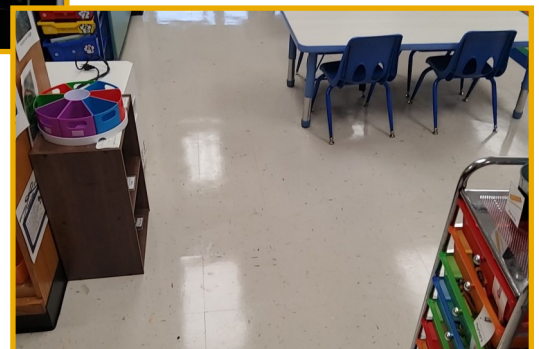
The majority of classrooms appeared to be well lit with functional lighting fixtures. Daily lighting maintenance tasks are identified in the Custodial Manual.

No evidence of ponding water at the buildings' foundations or water intrusion were observed at any of the assessed facilities. All six facilities received an Adequate rating in the Positive Site Drainage Away from Structure(s) category.



Two facilities were observed with no issues or concerns with the windows or skylights, and the other facilities did not have any major issues noted. Some facilities have their classroom windows identified with the room number identification visible from the exterior which is considered a best practice.

Cleaning routines for various floor types are identified in the Custodial Manual. All six assessed facilities received an Adequate rating in the Floors category.



Weaknesses

Inoperable exhaust fans were noted at five facilities, and the exhaust fans were observed with cracked belts at five facilities. Dirty filters and/or coils were identified at all six assessed facilities. Five facilities received a Not Adequate rating in the HVAC category.



Some essential assets were not identified in the PM schedules for the assessed facilities, such as water heaters, emergency lighting, and backflow preventers. Closing aging PM work orders also appeared to be a challenge as several were open 30 days or more at all six facilities; aged HVAC-related PM work orders were identified at all six facilities.



Ponding water or evidence of ponding was observed at five facilities. These same five facilities were also noted with either open seams or cracks in seam sealants. Four facilities received a Not Adequate rating in the Roofs, Flashing, and Gravel Stops category.

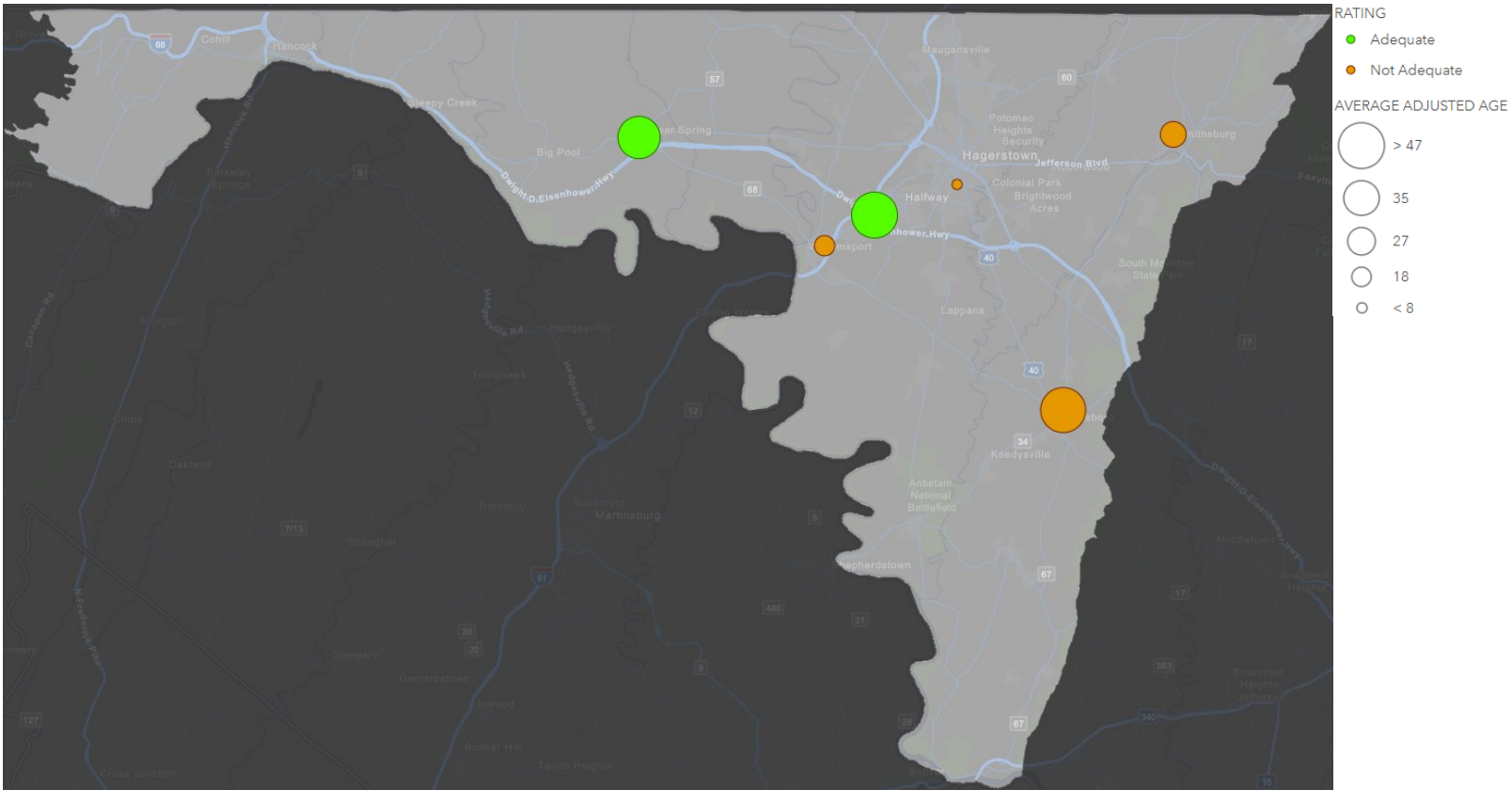


Damaged or deteriorated rubberized protective surfaces were observed on the playground equipment at four facilities. Vegetation was growing from cracks in the athletic courts at three facilities.

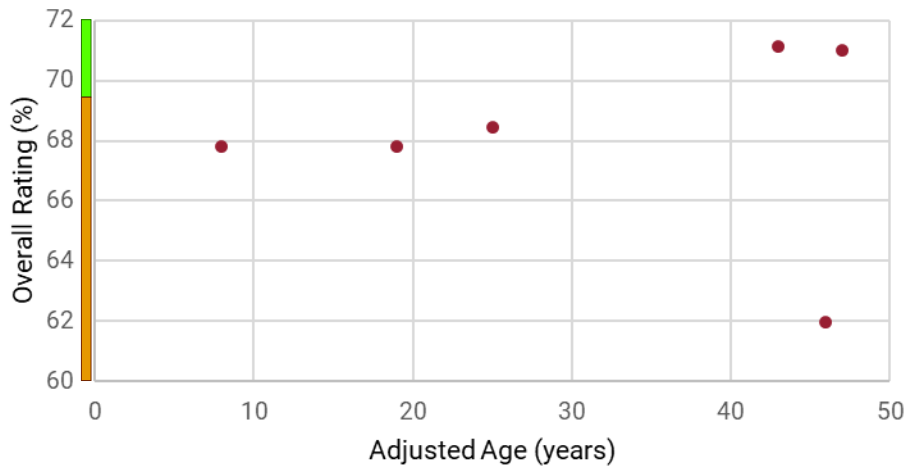
FY 2023 Results: Summary of Deficiencies by Category

| | Category | # of Major Deficiencies | # of Minor Deficiencies |
|------------------------------|--------------------------------------------------------------------|-------------------------|-------------------------|
| Site | Roadways, Parking Lots, & Walkways | 0 | 3 |
| | Grounds | 0 | 0 |
| | Positive Site Drainage Away from Structure(s) | 0 | 0 |
| | Playgrounds, Equipment, & Fields | 0 | 3 |
| | Relocatables & Additional Structures | 0 | 0 |
| Building Exterior | Exterior Structure & Finishes | 0 | 0 |
| | Roof Drains, Gutters, & Downspouts | 0 | 0 |
| | Windows, Caulking, & Skylights | 0 | 0 |
| | Entryways & Exterior Doors | 0 | 0 |
| | Roofs, Flashing, and Gravel Stops | 0 | 1 |
| Building Interior | Interior Doors, Walls, Partitions, & Finishes | 0 | 1 |
| | Floors | 0 | 0 |
| | Interior Cleanliness & Appearance (incl. of Equip. Rooms) | 0 | 2 |
| | Ceilings | 0 | 1 |
| | Interior Lighting | 0 | 0 |
| Building Equipment & Systems | HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters) | 0 | 0 |
| | Electrical Distribution & Service Equipment | 0 | 0 |
| | Boilers, Water Heaters, Steam, & Hot-water Distribution | 0 | 0 |
| | Plumbing Fixtures and Equipment | 0 | 1 |
| | Fire and Safety Systems & Utility Controls | 0 | 1 |
| | Conveyances | 0 | 0 |
| | Total | 0 | 13 |

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- All site-specific PM schedules should have the remainder of essential and applicable non-essential assets added and auto-populating PM work orders created to address all maintainable features of equipment and systems at industry-standard frequencies.
- Implementing quality control procedures is recommended to ensure PM work orders are being completed effectively and the actions taken to complete the work are recorded accurately.
- Regularly scheduled playground and bleacher inspections should be created and tracked using the CMMS. Additional training on playground and bleacher maintenance procedures and requirements may be needed to ensure the required inspections, cleaning, and repairs are taking place. Safety issues should be reported and addressed immediately.
- Additional PM checks and/or additional oversight are recommended to ensure the HVAC systems receive the necessary amount of PM work at the appropriate frequency to remain functional and efficient.

WICOMICO COUNTY

Total School Facilities Assessed in FY 2023: 3



Wicomico Middle

Fiscal Year 2023: Key Facts

24 facilities

Wicomico County has 24 active school facilities.
No change since FY 2022.

28.7 years old

The average adjusted age of all 24 school facilities is 28.7 years old.
- 0.7 years since FY 2022.

> 2.2 M GSF

Wicomico County maintains 2,283,618 SF throughout its 24 school facilities. It has the 14th greatest amount of SF of LEAs in MD.

+ 39,300 SF since FY 2022.

> \$1.0 B

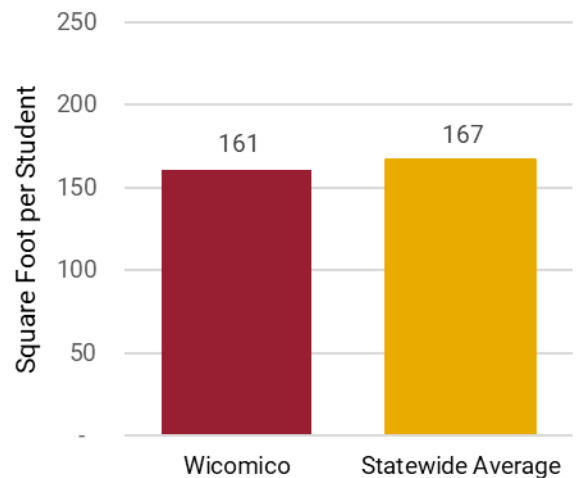
The current replacement value for Wicomico County's GSF, at the IAC's current replacement cost/SF, is greater than \$1.0 B.

73.76% (Adequate) = Average Overall Rating for FY 2023
- 5.07% since FY 22

FY 2023 Overall Rating Results by School Type

| | Elementary | Middle | High | |
|--------------|------------|--------|------|---|
| Superior | | | | |
| Good | | | | |
| Adequate | 2 | 1 | | 3 |
| Not Adequate | | | | |
| Poor | | | | |
| Totals | 2 | 1 | | 3 |

Average Square Foot per Student

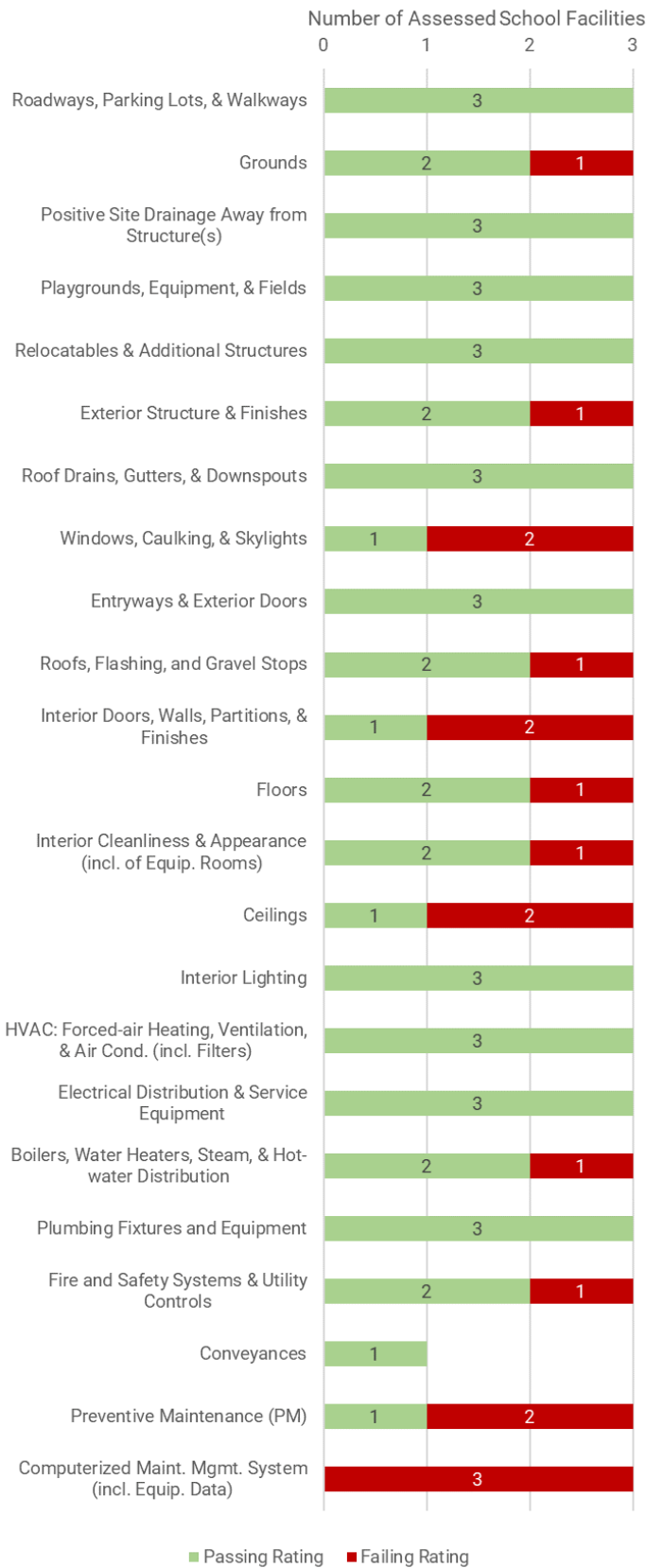


FY 2023 Results: Summary of School Ratings

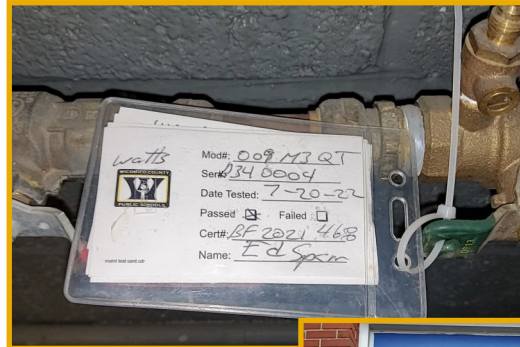
| School Name | School Type | Square Footage | Adjusted Age | Overall Rating | Rating of Individual Categories (does not include items not rated) | | | | | Deficiencies | |
|----------------------------------------|-------------|----------------|--------------|----------------|--------------------------------------------------------------------|----------|-----------|--------------|----------|--------------|----------|
| | | | | | Superior | Good | Adequate | Not Adequate | Poor | Major | Minor |
| 1. East Salisbury Elementary (22.003) | Elementary | 61,889 | 47 | Adequate | 1 | 1 | 14 | 6 | 0 | 0 | 0 |
| 2. Wicomico Middle (22.015) | Middle | 135,750 | 45 | Adequate | 1 | 0 | 12 | 10 | 0 | 0 | 0 |
| 3. Fruitland Primary (22.016) | Elementary | 56,308 | 46 | Adequate | 1 | 4 | 15 | 2 | 0 | 0 | 0 |
| Totals | | | | | 3 | 5 | 41 | 18 | 0 | 0 | 0 |
| Percentage of Total Ratings for System | | | | | 4% | 7% | 61% | 27% | 0% | | |

FY 2023 Results: Assessment Findings by Category

FY23 Passing vs Failing Rating per Category



Strengths



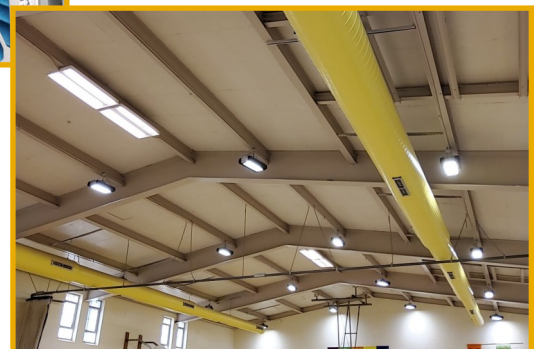
The inspection tags on the backflow preventers were current at all three facilities. Annual backflow preventer inspections were included in the PM schedule at every facility assessed.

Most of the exterior doors appeared to be weatherproof and watertight with little to no signs of deterioration. Annual exterior door inspections were included in the PM schedule at every facility assessed.



The HVAC filters appeared to be dated and serviced according to industry standards. Multiple HVAC assets were included in the PM schedule at every facility assessed, such as summer coil cleaning and electrical unit heater cleaning, annual exhaust fan inspections, and quarterly air handler unit inspections.

Most areas in the facilities appeared well lit. No instances of non-functioning light fixtures were noted at one facility, and another facility was observed with only one inoperable light.



Weaknesses

Sagging ceiling tiles were observed at all three facilities, and two facilities were noted with multiple stained ceiling tiles in both classroom and non-classroom areas. Ceilings were not identified in the PM schedules for the assessed facilities.



Damaged walls and peeling paint were noted at all three facilities. Two facilities received a Not Adequate rating in the Interior Doors, Walls, Partitions, & Finishes category.

Two facilities were observed with ponding water or evidence of ponding water on their roofs, and two facilities were noted with vegetative growth. The roof inspection report for one facility indicated that the roof leaks every time it rains but no work orders were identified in the open or closed work order history to address the issues noted in the report.

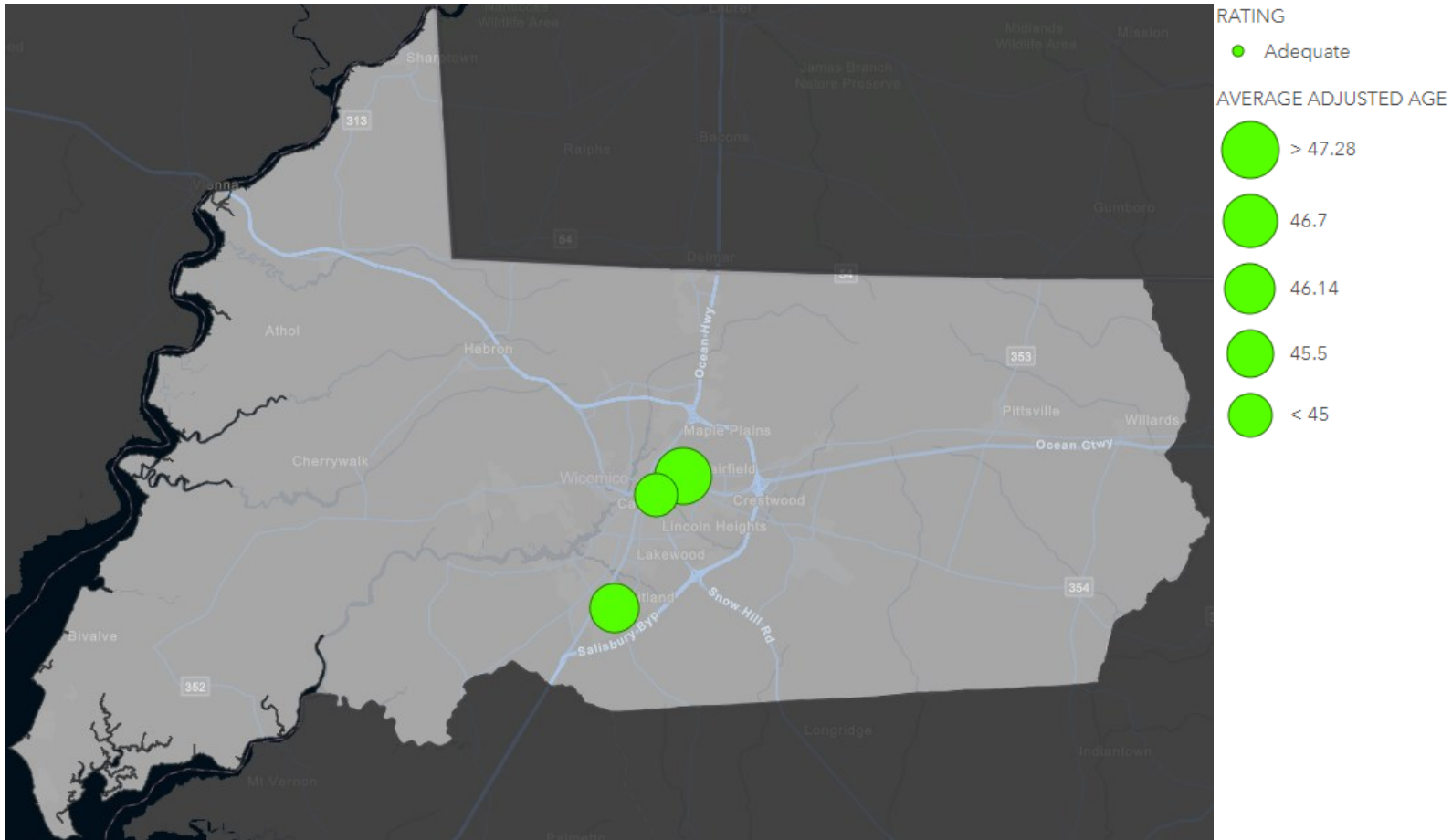


Some essential assets were not identified in the PM schedules and/or asset lists for the assessed facilities, such as emergency lighting, water heaters, and pumps.

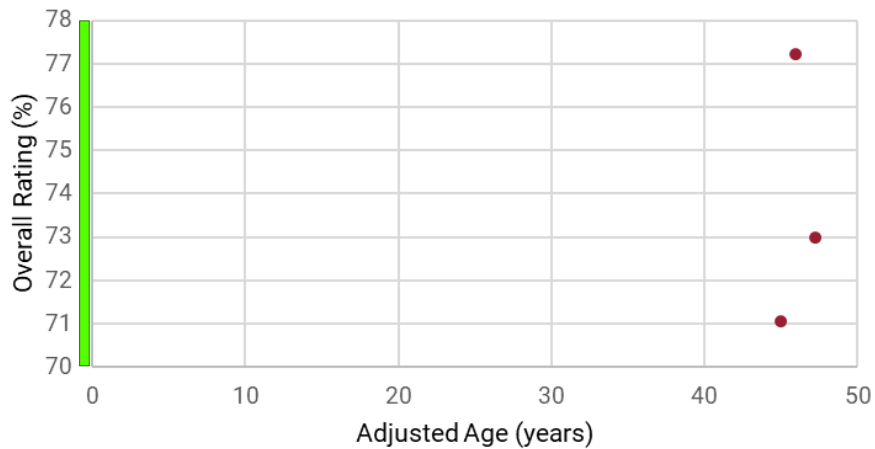
FY 2023 Results: Summary of Deficiencies by Category

| Category | | # of Major Deficiencies | # of Minor Deficiencies |
|------------------------------|--------------------------------------------------------------------|-------------------------|-------------------------|
| Site | Roadways, Parking Lots, & Walkways | 0 | 0 |
| | Grounds | 0 | 0 |
| | Positive Site Drainage Away from Structure(s) | 0 | 0 |
| | Playgrounds, Equipment, & Fields | 0 | 0 |
| | Relocatables & Additional Structures | 0 | 0 |
| Building Exterior | Exterior Structure & Finishes | 0 | 0 |
| | Roof Drains, Gutters, & Downspouts | 0 | 0 |
| | Windows, Caulking, & Skylights | 0 | 0 |
| | Entryways & Exterior Doors | 0 | 0 |
| | Roofs, Flashing, and Gravel Stops | 0 | 0 |
| Building Interior | Interior Doors, Walls, Partitions, & Finishes | 0 | 0 |
| | Floors | 0 | 0 |
| | Interior Cleanliness & Appearance (incl. of Equip. Rooms) | 0 | 0 |
| | Ceilings | 0 | 0 |
| | Interior Lighting | 0 | 0 |
| Building Equipment & Systems | HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters) | 0 | 0 |
| | Electrical Distribution & Service Equipment | 0 | 0 |
| | Boilers, Water Heaters, Steam, & Hot-water Distribution | 0 | 0 |
| | Plumbing Fixtures and Equipment | 0 | 0 |
| | Fire and Safety Systems & Utility Controls | 0 | 0 |
| | Conveyances | 0 | 0 |
| Total | | 0 | 0 |

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- All site-specific PM schedules should have the remainder of essential and applicable non-essential assets added and auto-populating PM work orders created to address all maintainable features of equipment and systems at industry-standard frequencies.
- A field should be created in the CMMS to track the days each work order has aged to help identify causes of possible bottlenecks and streamline workflow processes. Fields should also be set up to track labor hours and costs to assist in establishing predictable cost trends and support more efficient resource management.
- Expand the asset list for each facility to encompass all essential and non-essential assets to store and manage asset-specific data (such as asset name, purchase date, purchase price, expected life span, model number, serial number, asset tag number or unique identification, type of asset, location, and any other relevant details), and use the CMMS to track the maintenance and repair history as well as performance of each asset over time.
- Regularly scheduled ceiling inspections should be created and tracked using the CMMS to identify any ceiling tiles missing, stained, or damaged. Corrective work orders should be created in the CMMS immediately following any inspection where deficiencies or issues are noted. Stained ceiling tiles should be replaced once the cause is identified and repaired.

WORCESTER COUNTY



Total School Facilities Assessed in FY 2023: 3

Fiscal Year 2023: Key Facts

14 facilities

Worcester County has 14 active school facilities.
No change since FY 2022.

27.0 years old

The average adjusted age of all 14 school facilities is 27.0 years old.
+ 0.5 years since FY 2022.

> 1.3 M GSF

Worcester County maintains 1,310,647 SF throughout its 14 school facilities. It has the 17th greatest amount of SF of LEAs in MD.

+ 24,795 since FY 2022.

~ \$0.6 B

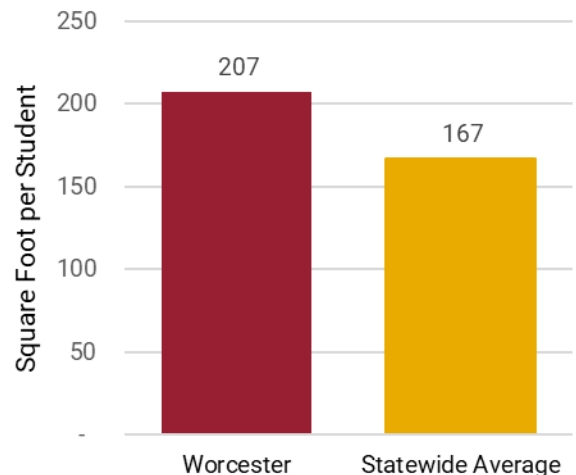
The current replacement value for Worcester County's GSF, at the IAC's current replacement cost/SF, is approximately \$0.6 B.

71.28% (Adequate) = Average Overall Rating for FY 2023
- 1.89% since FY 22

FY 2023 Overall Rating Results by School Type

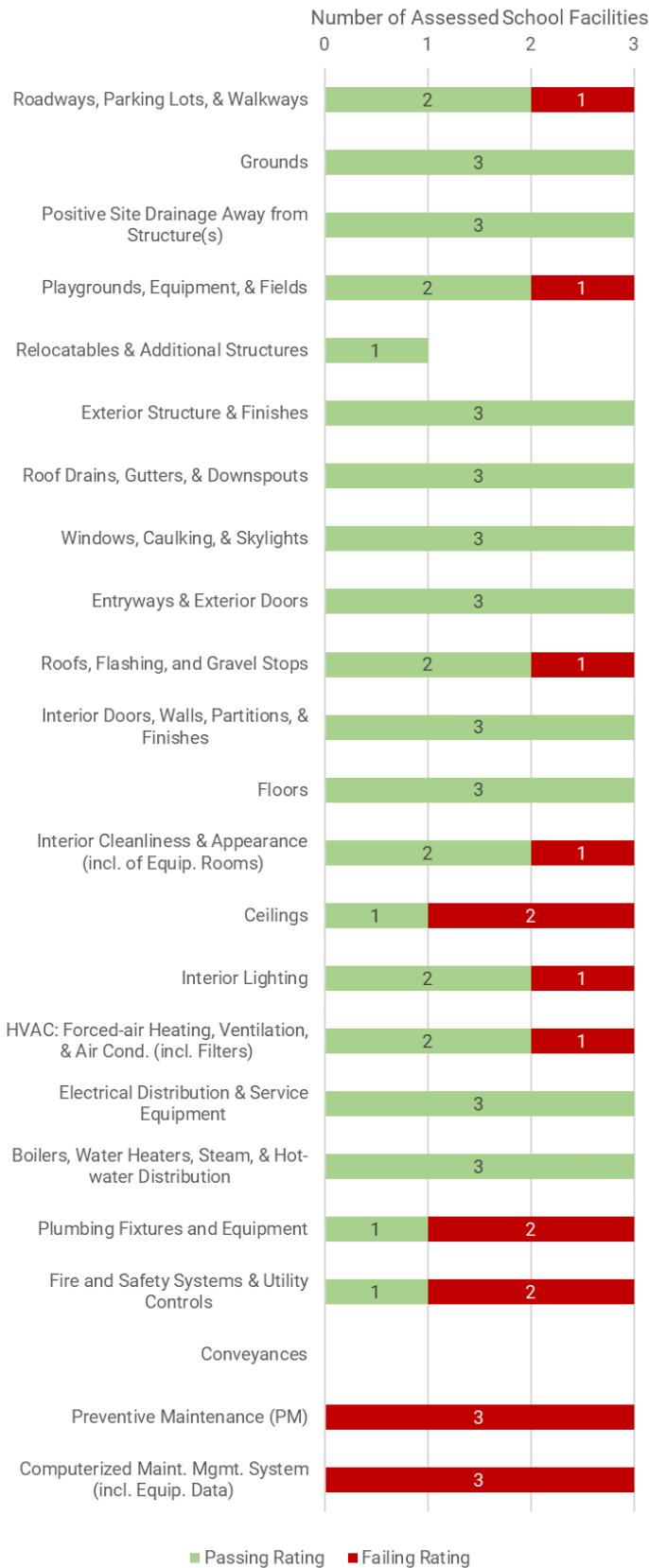
| | Elementary | Elementary/ Middle | High | |
|--------------|------------|-----------------------|------|---|
| Superior | | | | |
| Good | | | | |
| Adequate | | 1 | 1 | 2 |
| Not Adequate | 1 | | | 1 |
| Poor | | | | |
| Totals | 1 | 1 | 1 | 3 |

Average Square Foot per Student



| School Name | School Type | Square Footage | Adjusted Age | Overall Rating | Rating of Individual Categories (does not include items not rated) | | | | | Deficiencies | |
|----------------------------------------|-----------------------|----------------|--------------|----------------|--------------------------------------------------------------------|----------|-----------|--------------|----------|--------------|----------|
| | | | | | Superior | Good | Adequate | Not Adequate | Poor | Major | Minor |
| 1. Snow Hill High (23.005) | High | 122,310 | 6 | Adequate | 0 | 0 | 18 | 4 | 0 | 0 | 0 |
| 2. Ocean City Elementary (23.006) | Elementary | 87,477 | 17 | Not Adequate | 0 | 0 | 14 | 7 | 0 | 0 | 2 |
| 3. Pocomoke Middle (23.011) | Elementary/ Middle | 87,600 | 53 | Adequate | 0 | 3 | 12 | 6 | 0 | 0 | 0 |
| Totals | | | | | 0 | 3 | 44 | 17 | 0 | 0 | 2 |
| Percentage of Total Ratings for System | | | | | 0% | 5% | 69% | 27% | 0% | | |

FY23 Passing vs Failing Rating per Category



Strengths



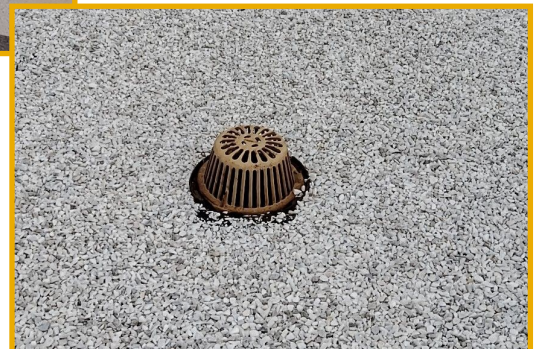
All of the assessed windows operated as expected. The PM schedules at two facilities identified yearly PM for windows. The skylights at the one applicable facility appeared watertight.

No issues or concerns were identified with the water heaters or hot water distribution at any of the assessed facilities. The DLLR certificates were current and on display for all applicable water heaters.



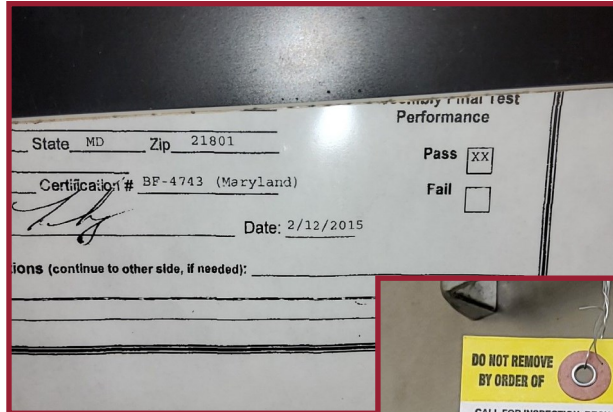
No issues or concerns were identified with the flooring at one facility, and the other two facilities had no issues noted concerning flooring in classroom areas. Floor cleaning procedures for various surface types are detailed in the Custodial Training and Procedures Manual document.

The roof drains, gutters, and downspouts were clean and free of debris at two facilities. These assets are evaluated annually during the routine roof inspection.

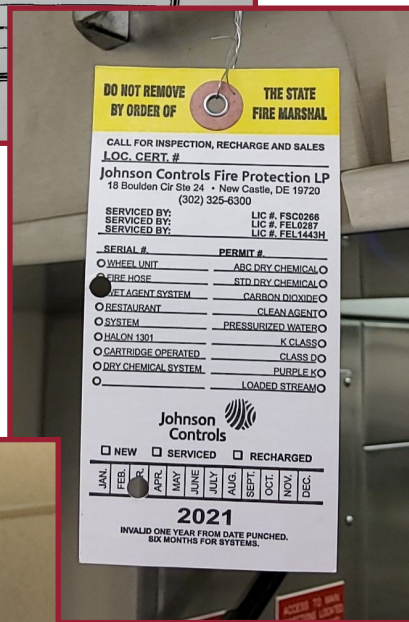


Weaknesses

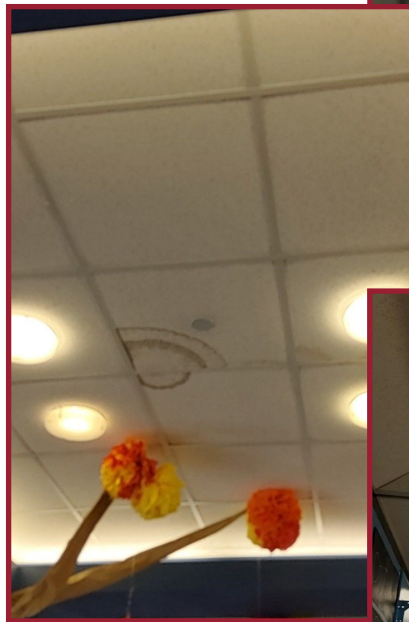
Plumbing fixtures are not identified in the PM schedules for the assessed facilities, and leaks were observed at the plumbing fixtures or equipment at two facilities. Two facilities were noted with backflow preventer inspection tags missing or expired.



Fire and safety systems were not identified in the PM schedule for one facility. Some fire and safety assets were included in the PM schedules for the other two facilities but most did not appear in the PM work order histories. One facility was noted with an expired kitchen hood suppression system inspection tag. Deficiencies were noted in various fire and safety inspection reports provided in the pre-assessment documentation for all three facilities but no corrective action work orders were identified in the CMMS work order histories to address the identified deficiencies.



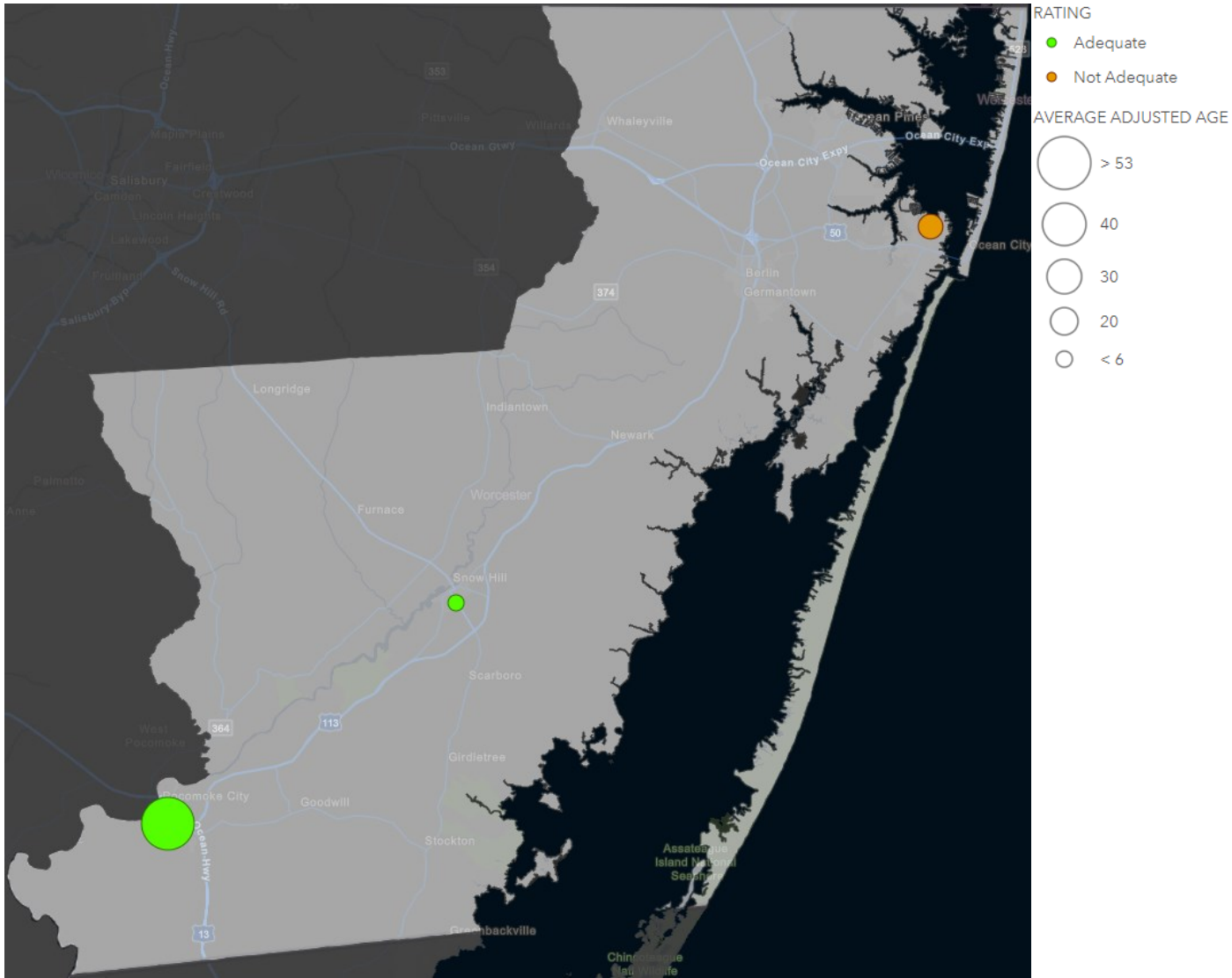
Ceilings were not identified in the PM schedules for the assessed facilities, and multiple stained ceiling tiles were observed in classrooms as well as other areas at all three facilities. Two facilities received a Not Adequate rating in the Ceilings category. Ceilings were also identified as a weakness for WCPS in FY20 and FY22 due to stained ceiling tiles.



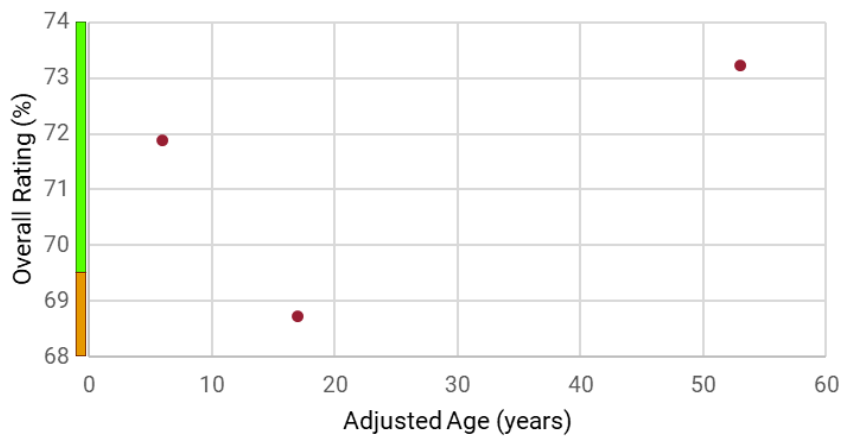
Some essential assets were not identified in the PM schedules for the assessed facilities, such as interior lighting, ceilings, plumbing fixtures, and some fire and safety systems.

| Category | | # of Major Deficiencies | # of Minor Deficiencies |
|------------------------------|--------------------------------------------------------------------|-------------------------|-------------------------|
| Site | Roadways, Parking Lots, & Walkways | 0 | 1 |
| | Grounds | 0 | 0 |
| | Positive Site Drainage Away from Structure(s) | 0 | 0 |
| | Playgrounds, Equipment, & Fields | 0 | 1 |
| | Relocatables & Additional Structures | 0 | 0 |
| Building Exterior | Exterior Structure & Finishes | 0 | 0 |
| | Roof Drains, Gutters, & Downspouts | 0 | 0 |
| | Windows, Caulking, & Skylights | 0 | 0 |
| | Entryways & Exterior Doors | 0 | 0 |
| | Roofs, Flashing, and Gravel Stops | 0 | 0 |
| Building Interior | Interior Doors, Walls, Partitions, & Finishes | 0 | 0 |
| | Floors | 0 | 0 |
| | Interior Cleanliness & Appearance (incl. of Equip. Rooms) | 0 | 0 |
| | Ceilings | 0 | 0 |
| | Interior Lighting | 0 | 0 |
| Building Equipment & Systems | HVAC: Forced-air Heating, Ventilation, & Air Cond. (incl. Filters) | 0 | 0 |
| | Electrical Distribution & Service Equipment | 0 | 0 |
| | Boilers, Water Heaters, Steam, & Hot-water Distribution | 0 | 0 |
| | Plumbing Fixtures and Equipment | 0 | 0 |
| | Fire and Safety Systems & Utility Controls | 0 | 0 |
| | Conveyances | 0 | 0 |
| Total | | 0 | 2 |

Overall Rating vs Adjusted Building Age



Overall Rating vs. Adjusted Age



- All site-specific PM schedules should have the remainder of essential and applicable non-essential assets added and auto-populating PM work orders created to address all maintainable features of equipment and systems at industry-standard frequencies.
- Corrective work orders should be created in the CMMS immediately following any inspection where deficiencies or issues are noted and identified as inspection deficiencies. This will help identify trends and common issues in order to better proactively maintain areas.
- Regularly scheduled ceiling inspections should be created and tracked using the CMMS to identify any ceiling tiles missing, stained, or damaged. Corrective work orders should be created in the CMMS immediately following any inspection where deficiencies or issues are noted. Stained ceiling tiles should be replaced once the cause is identified and repaired.
- PM activities for fire and safety systems and plumbing fixtures and equipment should be added to each facility's PM schedule to help extend the useful life of the existing surfaces and assets, prevent hazardous conditions, and avoid premature capital replacement projects.
- A field should be created in the CMMS to track the days each work order has aged to help identify causes of possible bottlenecks and streamline workflow processes. Fields should also be set up to track labor hours and costs to assist in establishing predictable cost trends and support more efficient resource management.

Item 6. IAC Fiscal Year 2023 Annual Report

Motion:

To approve the final draft of the comprehensive *IAC Fiscal Year 2023 Annual Report*, pending non-substantive edits by staff.

Background Information:

Following this agenda item is the final draft of the IAC's second annual report. The *IAC Fiscal Year 2023 Annual Report* includes summary data for the IAC's funding programs and assessments, information on facility funding formulas and variables, and two interviews with County representatives on fiscal sustainability, among other topics.

State of Maryland Interagency Commission on School Construction

Fiscal Year 2023 Annual Report



IAC

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Questions? Email iac.pscp@maryland.gov

A Message From IAC Chair Ed Kasemeyer

One year ago we published the IAC's first ever comprehensive annual report, which was an appropriate start to a year where the IAC focused first and foremost on enhancing our communication and collaboration with all of our various stakeholders. As Chair of the Commission and on behalf of the Commission members, I'm proud to provide this second installment of the IAC's annual report, which provides details regarding our six public funding programs, two non-public funding programs, ongoing annual maintenance assessments, our first refresh of the Statewide Facilities Assessment, and more.

We have been hard at work implementing years of legislative and policy changes and improvements and building the relationships and information access that must be at the heart of all of our work. In December, the Commission selected Alex Donahue as the IAC's Executive Director. The Commission and our staff have been working with significant success to fill vacant IAC positions with the right staff to meet the needs of our various stakeholders, and to streamline our submission and approval processes. Through it all, we remain committed to our mission of ensuring that all of Maryland's students have a healthy, safe, and educationally sufficient learning environment today and in the future.

We will continue our hard work, and I look forward to reporting the results of our efforts to you next year, when we will have finished the configuration of and launched our new business management system. We also will have updated our programmatic funding factors—including not only the State cost shares and the cost per square foot for construction, but also the gross area baselines—in order to meet project needs. And, we will undoubtedly be able to provide other information about how we are facing new school facilities challenges.



Edward Kasemeyer
Chair



The IAC's Second Annual Report

This report is provided, in conjunction with the IAC's website, as a tool for public information regarding the IAC's programs and services. With a shared mission to achieve a safe, healthy, and educationally sufficient learning environment for every child attending a public school in Maryland, the IAC collaborates with Local Education Agencies in an effort for constant improvement and long-term sustainability of our state's portfolio of schools. The IAC's vision is a fiscally sustainable statewide portfolio of K-12 school facilities that will remain educationally sufficient for current and future generations of students and teachers.

We hope that you will enjoy, share, and refer back to the IAC's second annual report.

2023

\$65B

REPLACEMENT VALUE

= 142.1 M GSF x \$458 (FY 2024 construction cost per SF plus site)

1,370 ACTIVE & HOLDING
K-12 PUBLIC SCHOOLS

142.1M GROSS SQUARE FEET

853K+ STUDENTS

IAC Members & Organization

IAC Members

- Edward Kasemeyer**, Chair, Appointee of the President of the Senate, Member of the Public
- Linda Eberhart**, Vice-chair, Appointee of the Speaker of the House, Member of the Public
- Atif Chaudhry**, Secretary, Maryland Department of General Services
- Mohammed Choudhury**, Superintendent, Maryland State Department of Education
- Michael Darenberg**, Appointee of the Governor, Member of the Public
- Rebecca Flora**, Secretary, Maryland Department of Planning
- Brian Gibbons**, Appointee of the Speaker of the House, Member of the Public
- Gloria Lawlah**, Appointee of the President of the Senate, Member of the Public

The 9 IAC Members are reported to by:

MSDE

MD Dept. of Education

Designee - State Superintendent

- Review Ed Specs for alignment with LEA goals
- Review Feasibility Studies
- Review design submissions for alignment with Ed Specs
- Provide technical assistance and advice on school facilities architecture

MDP

MD Dept. of Planning

Designee - Secretary of Planning

- Develop annual enrollment projections
- Review Educational Facility Master Plans
- Site reviews and recommendations
- Planning advice to IAC and LEAs

DGS

MD Dept. of General Services

Designee - Secretary of General Services

- Review design development and construction documents
- Review eligibility of items
- Technical advice to the IAC and LEAs

IAC

Interagency Commission

Executive Director & Staff

- Manage programs and fiscal records
- Maintain facilities inventory database
- Facility and maintenance assessments
- Share best practices and provide technical support
- Recommend contract awards
- Approve Ed Specs

Legislative Update

New legislation implemented in the 2023 legislative session impacting the IAC is outlined below.

HB458 (Ch. 679, 2023) - Alterations established the IAC as an independent unit of State government as of July 1, 2023 (previously the IAC operated as a unit of the Maryland State Department of Education). This bill also makes alterations to school construction approvals by the State Superintendent and Board of Public Works and to provisions related to a public-private partnership agreement in Prince George's County. HB458 can be read [on the General Assembly website](#).

HB366/SB175 (Ch. 639, 2023) - Eligibility repeals the termination date on the eligibility of the Maryland School for the Blind for IAC funding, which was previously available for FY 2013 to 2029 only.

The IAC continues to work on implementing five years worth of major legislation since the passage of the 21st Century School Facilities Act (House Bill 1783/Chapter 14) in 2018.

The 21st Century School Facilities Act (Ch. 14, 2018) codified recommendations of the 21st Century School Facilities Commission, transformed the IAC from the Interagency *Committee* to the Interagency *Commission* of a body of nine members with school construction responsibilities previously held by the Board of Public Works, and created Workgroups for Educational Development Specifications and Assessment and Funding of School Facilities.

In 2021, the Built to Learn Act (Ch. 20, 2020) provided for a significant amount of school construction funding (up to \$2.2 billion in revenue bonds) requiring project scope and funding approval by the IAC, increased expenses eligible for State participation to include design and other project expenses, and extended the Healthy School Facility Fund, among other changes.

In 2020 and subsequent years, legislation laying out the Blueprint for Maryland's Future required that school districts begin to expand the pre-Kindergarten and other selected programs and services that they offer, thereby causing changes and/or increases to the demands placed upon school facilities. In 2022, HB 1290 required that the IAC update its Gross Area Baselines (GABs) to take these demands into account. To meet this requirement, the IAC convened a workgroup of school districts, counties, and State agency representatives to inform updated GABs that would be brought to the IAC for adoption in fall 2023.

In the last five years the IAC has seen a dramatically increased scope of work for its staff, increased school construction funding requiring management, and a growing staff to begin addressing these needs. The IAC and its staff appreciates the partnerships with Local Education Agencies and other State Agencies which allows all of this work to move forward.

School Openings





Highlandtown Elementary/Middle in Baltimore City



Montebello Elementary/Middle in Baltimore City



Rossville Elementary in Baltimore County



Waverley Elementary in Frederick County



Talbott Springs Elementary in Howard County



Cherokee Lane Elementary in Prince George's County



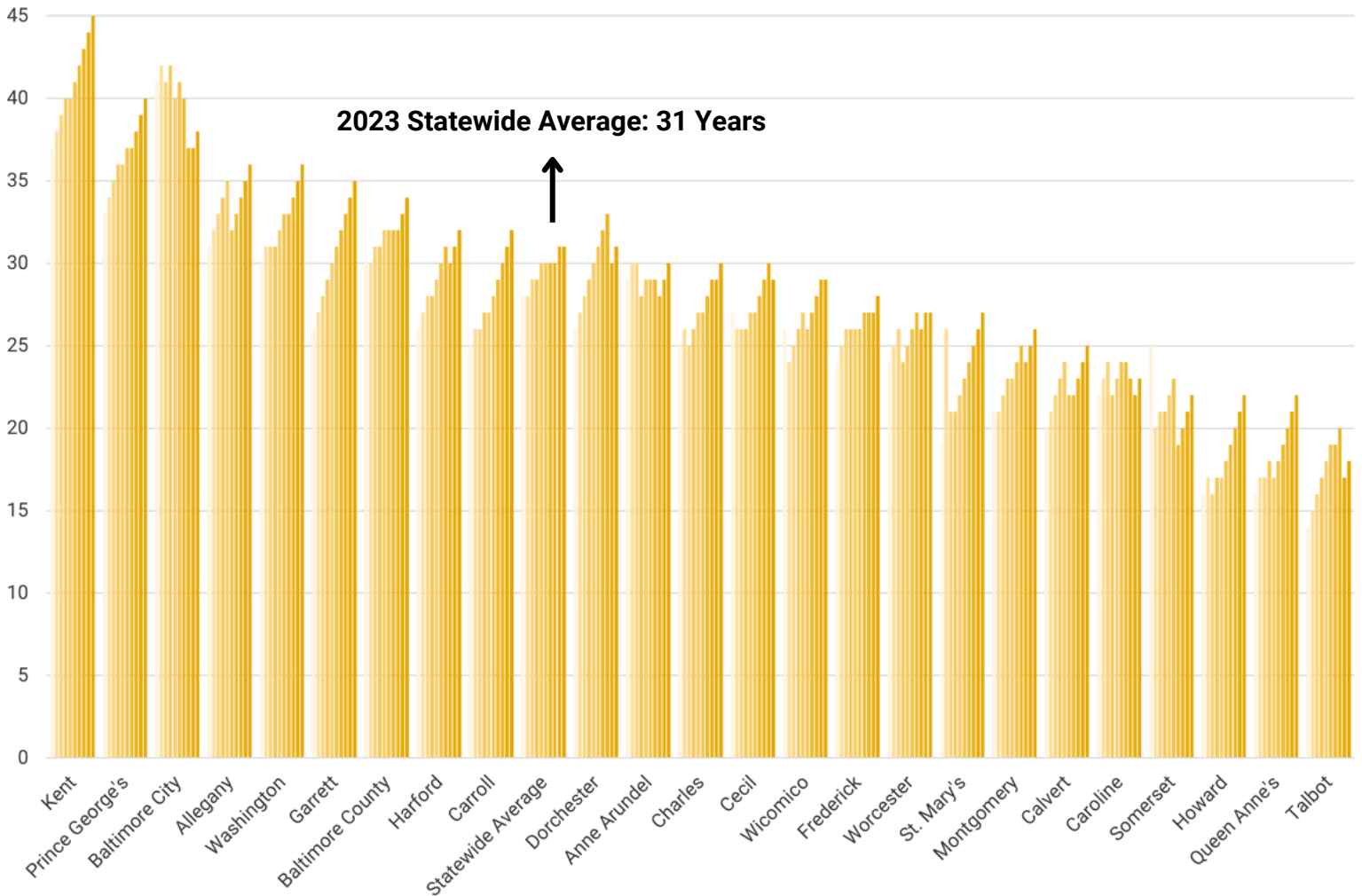
Beaver Run Elementary in Wicomico County

Facility Condition & Maintenance



SCHOOL FACILITY CONDITION INDICATORS

Based solely on the **average age of square footage** statewide, the average age of school facilities in Maryland is 31 years.



For 2023, all LEAs saw an increase in their Average Age from their 2022 Average Age figure with the exception of Wicomico and Worcester counties which held steady and Cecil County which saw a one year decrease. This has led the Statewide Average Age of Facilities to hold steady at 31 years.

The IAC's two assessments, the **Statewide Facilities Assessment** and the **Maintenance Effectiveness Assessment**, provide more sophisticated and accurate evaluations of the condition and maintenance of Maryland's public school facilities. Those two assessments are detailed on the following pages.

Statewide Facilities Assessment

The SFA assesses the physical condition and educational sufficiency of school facilities in Maryland to give the State the ability to identify the facilities with the highest needs, and to provide critical information to both State and local decision makers so they are better equipped to focus capital dollars on those facilities. The IAC will re-assess each facility at least every four years to ensure the data is up to date, as mandated by law.

Using data collected in the assessment, **each facility receives an overall Facility Condition Index (FCI) score**, which is the amount the facility is depleted with respect to the Expected Useful Lifespan of its systems. The **Statewide average FCI is 48%** indicating that, on average, facilities and their systems are nearly halfway through their expected life-cycle. A comfortable and more fiscally sustainable average FCI level would be in the 30-35% range.

After relevancy weighting is determined by the Workgroup on the Assessment and Funding of School Facilities, the FCI score will be combined with considerations of the IAC's Educational Facilities Sufficiency Standards to create a combined facility score called the **Maryland Condition Index (MDCI), which will reflect both the condition and educational sufficiency of the facility** and allow the State and LEAs to compare each facility against all others and make informed, data driven decisions to determine funding priority for capital construction projects based on need.

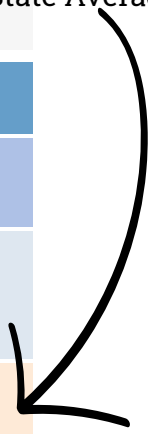
Download the SFA Info Packet to learn more 

48%

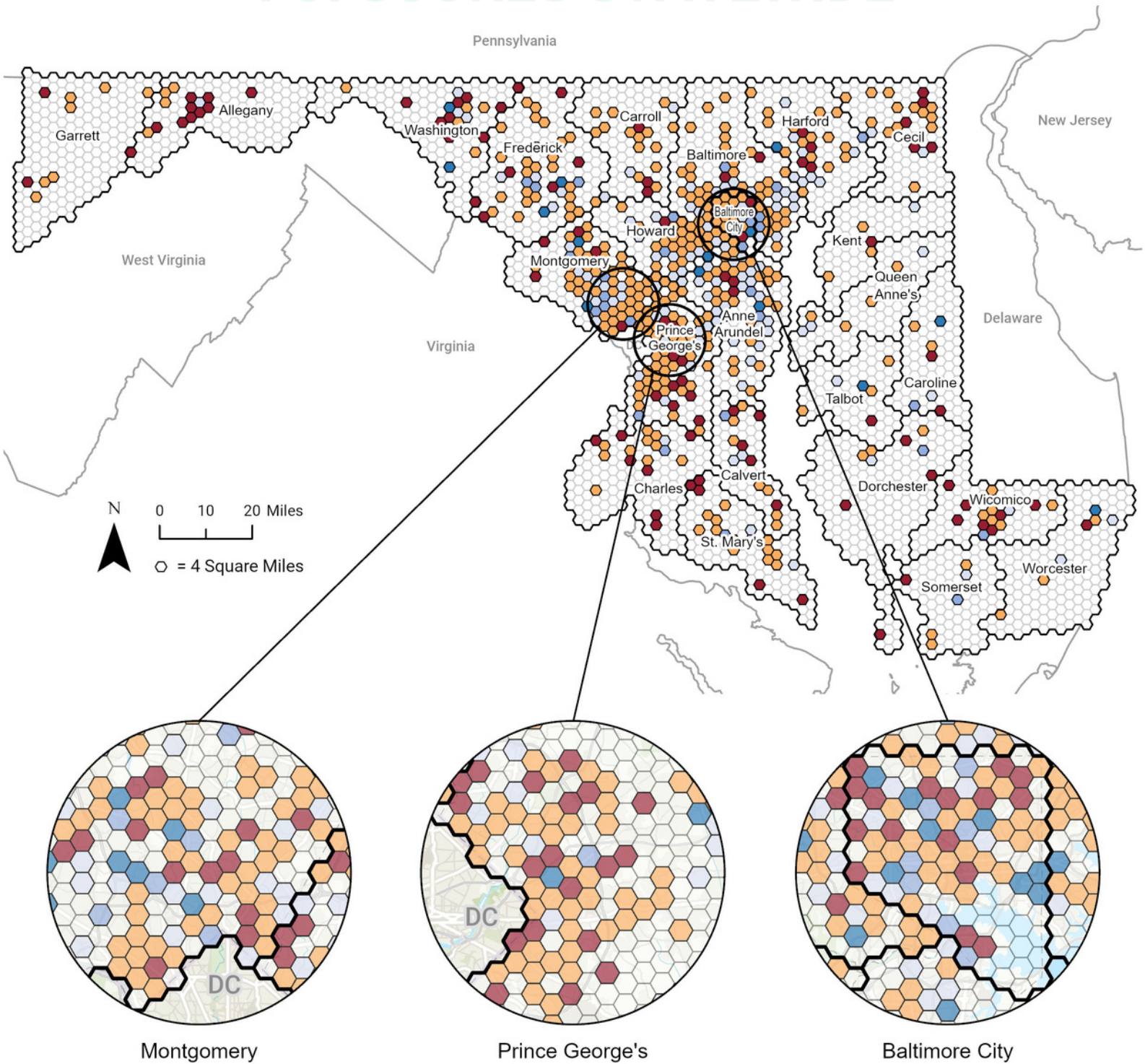
State Average FCI



| FCI | Common First Perceptions |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15% and below | Feels essentially like a new building! |
| 15-30% | Good condition. Comfortable. Appears to be in good overall repair. Generally, everything operates as intended. |
| 30-45% | Condition is satisfactory, although some repairs are needed. Does not generally feel uncomfortable anywhere in the occupied spaces of the facility. |
| 45-60% | Visibly in need of repair. Conditions verge on uncomfortable with some areas of the facility worse than others. Building generally functions OK, but occasionally becomes unreliable. LEA should be considering and planning improvement solutions. |
| Above 60% | Building functions have become unreliable. Not esthetically or environmentally comfortable in some or all areas of the facility. Should be considered imminently for improvements (including potential renovation/replacement) |



FCI SCORES STATEWIDE

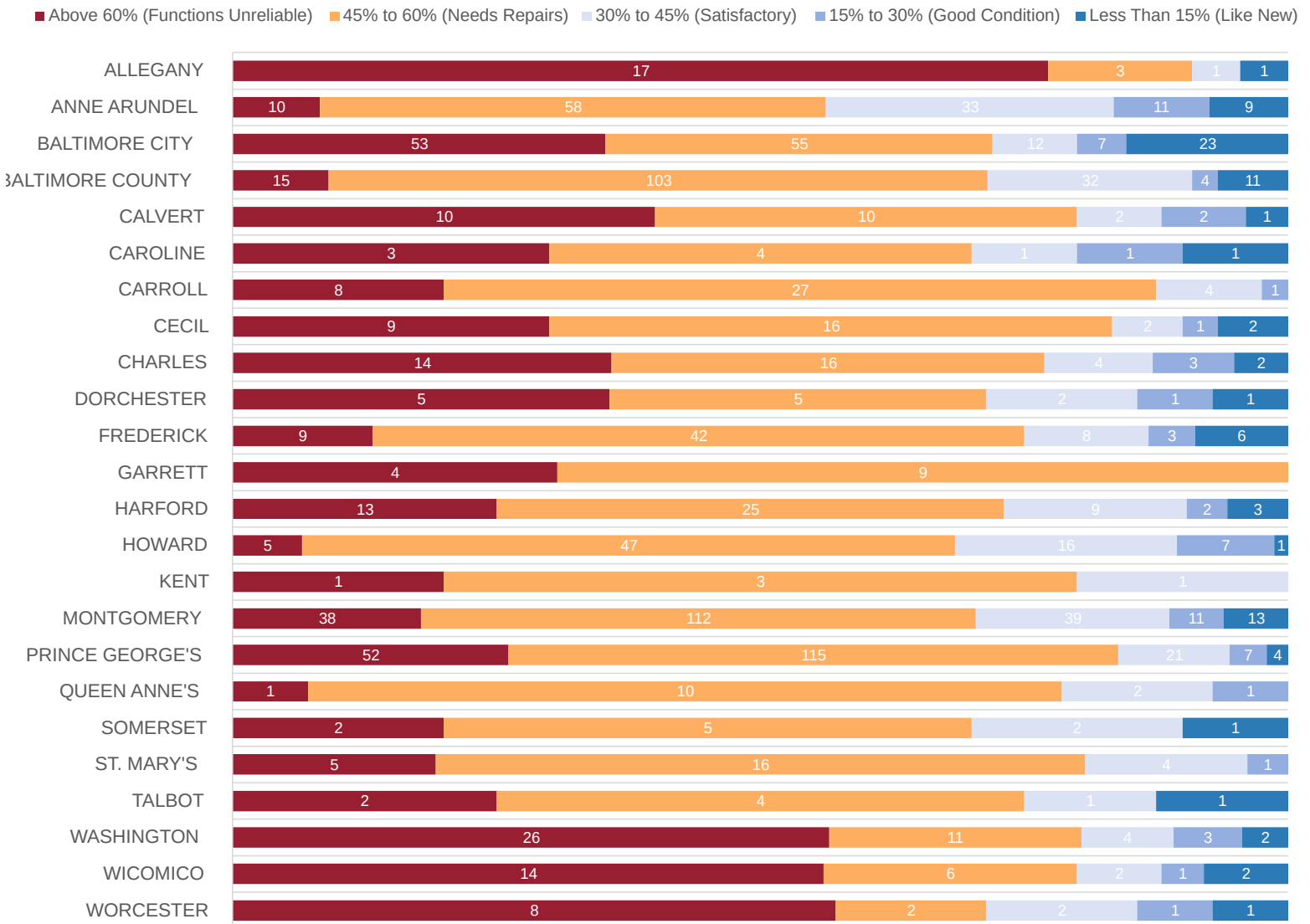


Facility Condition Index (FCI) aggregated by 4 sq. mi. hexagonal grid. Given jurisdiction edges are approximated by the grids; facilities whose true location is outside of their gridded jurisdiction boundary have been reassigned to the nearest grid within the proper jurisdiction.

The three large scale (1 sq mi. hexagonal grid) call-out exhibits display aggregate FCI for areas in which density of school facilities exceeds 7 facilities per 4 sq. mi. hexagonal grid in the statewide figure.

FCI scores for individual facilities can be found on the [IAC website](#).

FCI BY LEA



The baseline assessment, conducted from December 2020-June 2021 assessed 1,383 facilities. 392 facilities were reassessed in the first refresh cycle from July-October 2022, and 328 in the second refresh cycle from January-August 2023.

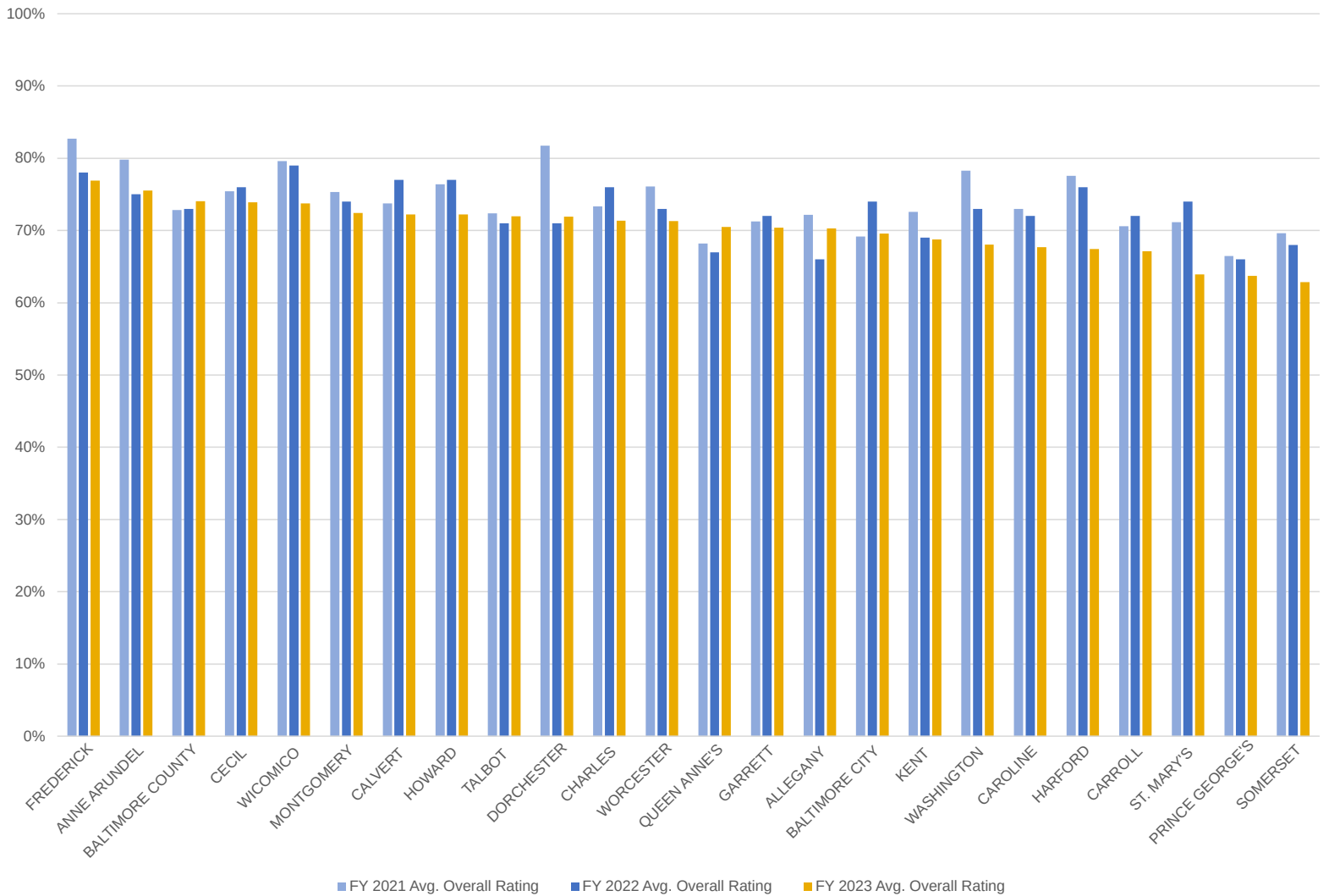
The IAC's facilities assessment team will continue to conduct physical refresh assessments each year of approximately 25% of school facilities in the state, ensuring that every facility in Maryland is re-assessed at least every four years. Facilities not assessed in a given year will have their scores mathematically updated.

Maintenance Effectiveness Assessment

172 facilities were assessed as part of the Maintenance Effectiveness Assessment in FY 2023. The Annual Maintenance Report is currently being compiled; it is released every October on the IAC website.

Because of significant changes to the MEA process, results of the FY 2021 and subsequent fiscal year assessments are not comparable to results in prior years. Please note that a different sample set of facilities is assessed each year, so results from one year to the next are not necessarily directly comparable and may be a result of the specific facilities selected, especially in smaller LEAs with small sample sets.

FY 2021 - FY 2023 Maintenance-Effectiveness Assessment Scores



The Annual Maintenance Report is released every October on the IAC website.



Learn more about the MEA through the IAC's Reference Guide and Preventive-Maintenance Task List



State & Local Features

Collaborating for Fiscal Sustainability

An Interview with Jennifer Lynch, Ph.D, Sr. Policy Advisor of Education and Workforce, Baltimore County.

IAC: Can you tell us a bit about your role with Baltimore County?

Lynch: As the Senior Policy Advisor of Education and Workforce to Baltimore County Executive Olszewski, I serve as a liaison to both the Baltimore County Board of Education and Baltimore County Public Schools (BCPS) administration, engage key stakeholders and community members on behalf of the County Executive, and help coordinate the administration's education-focused policies in alignment with the County's Strategic Plan.



IAC: What is the biggest challenge counties face in terms of school-facilities portfolio management? And Baltimore County in particular?

Lynch: Across our state, counties are facing aging infrastructure and increased costs for construction projects. Baltimore County has the third oldest and third largest school portfolio in the state. In order to assess and address the full scope of needs in our county, Baltimore County Government partnered with CannonDesign to develop the Multiyear Improvement Plan for All Schools (MYIPAS) – Baltimore County's long-range multi-billion dollar roadmap that equitably prioritizes capital improvements across all of Baltimore County's 177 schools.



IAC: What is your approach to balancing local fiscal constraints with available funding from the State?

Lynch: Baltimore County Government closely partners with the IAC to evaluate current and future projects identified in Baltimore County's long-range capital plan. In partnership with BCPS and the IAC, we create a strategic approach that both maximizes multiple funding streams while also ensuring that our projects have the greatest impact across the County. In addition, County Executive Olszewski works closely with State legislative partners to advocate for additional funding to address our capital needs. As a result of this partnership, we have been able to secure and leverage Built to Learn funding and Pass-through Grant funds to accelerate key school construction projects.

IAC: How do you suggest Maryland’s counties work with the IAC to obtain value and gain support for school projects that are local priorities?

Lynch: Baltimore County has benefited greatly from our close relationship with the IAC. We have been able to balance and prioritize projects in a manner that maximizes our funding streams. As a result of this transparent relationship, we are confident that we are able to effectively secure more funding and efficiently move projects through to completion.

IAC: With Baltimore County’s large school-facilities portfolio, how does the county work to vet and sequence all of the potential solutions to facilities needs?

Lynch: Commissioned under the partnership of Baltimore County Government and Baltimore County Public Schools, MYIPAS was developed with input from 100 school stakeholders and over 25,000 BCPS community members. The process included a comprehensive assessment of every public school in Baltimore County for facility condition, educational adequacy, and capacity needs. MYIPAS provides a 15-year sequence of strategic capital investments intended to maximize State funding and provide all students and teachers a safe environment in which to teach and learn, with enough capacity in each community to provide a space for every student. The Baltimore County team utilizes MYIPAS as a roadmap to determine a sequence of projects. In consultation with the IAC, the team determines the scope and timing of each project.



Fix It or Replace It?

A Conversation with Bob Wilkinson, Frederick County Public Schools' Director of Maintenance and Operations

Bob Wilkinson, Frederick County Public Schools' Director of Maintenance and Operations, is a leader of the FCPS team working to decrease the average age of school facilities by forgoing capital maintenance projects in favor of coordinated facility renovation and replacement. Wilkinson's soup-to-nuts background in facilities and public works (everything from waste management with the City of Frederick to ten years on the Navy's tactical ballistic defense system) gives a solid footing for a holistic and creative approach to school facility portfolio management.

We spoke recently with Wilkinson about Frederick County's lifecycle alignment approach to portfolio sustainability.

IAC: Can you tell us a bit about your role with FCPS and what brought you to work there?

Wilkinson: Nineteen years ago, I approached FCPS to explore the prospect of teaching, and through fortuitous timing I applied for my current position as Director of Maintenance and Operations. I was selected for the position, and I inherited a very disciplined and talented team.

As Director, I lead a 155-member team of professionals who operate and maintain 68 school buildings for more than 45,000 students. My team has accomplished incredible feats. In terms of asset inventory and work process control, our computerized maintenance management system implementation is considered within the top ten of the software application's 7,000 educational-facility users. Our technicians are adept at performing the planned and emergent work necessary to avoid interruptions to instruction. We have also focused efforts outside of our core business areas to improve staff selection and professional development. As a result, our team was awarded the Association of School Business Officials International Pinnacle of Excellence Award for our employee onboarding program. We continue to pursue facility management excellence, and through our evolving trades apprentice program we hope to ensure a bright future for our profession, and for FCPS.

“*There is an inherent virtue in working with public education, and I have found this organization to offer a most innovative and enriching work environment.*”



IAC: What are the main components of your LEA’s plan to ensure fiscal sustainability of your school facility portfolio?

Wilkinson: The lifecycle alignment approach means that new facilities are built with a goal that building systems will reach their end of life at the same time, notably at the 35 and 70 year marks. Planning for milestones of limited renovation after 35 years of operation and replacement after 70 years of operation will allow us to channel limited financial resources at the local and State levels into large consolidated projects that will minimize disruptions to facility use and instruction time.

IAC: How did your LEA decide to move towards this approach for managing capital maintenance projects?

Wilkinson: The idea of reducing building-system replacements in favor of full-facility renewals originated from the maintenance team. The notion will not appeal to many in maintenance, due to the risk of building-system failures. In our case, our roofs were in good shape, and our team’s predictive- and preventive-maintenance efforts allow us to extend the life of our systems. All that we asked was that a portion of the capital funding be set aside for contingencies so that, in the event of a system failure, the funding is available to enact a timely repair or replacement.

In lieu of capital-maintenance, we plan to maintain systems until failure, and when necessary we will repair or replace failed systems with CIP contingency funds that are provided by the Frederick County Government.
FCPS Comprehensive Maintenance Plan

IAC: Your LEA has a unique approach to anticipating and scheduling systems aging in each facility. Can you tell us about this approach?

Wilkinson: Our maintenance team is involved in the design, construction, and prioritization of projects with our Capital Program staff. Our mutual focus on planned capital renewal will also reduce funds spent on maintaining systems that are obsolete based on new or current regulations for ADA compliance, HVAC, and fire suppression, among other areas. Instead we can focus on major infrastructure updates that will meet these regulations and align with educational specifications.

IAC: How has planning for system aging to coincide impacted the total cost of ownership for Frederick’s portfolio?

Wilkinson: Our capital maintenance strategy focusing on “Maintaining to Fail” has been in place since 2020. Long term planning and utilizing \$125 K of reserve contingency funds for unscheduled repair has helped us to avoid around \$21 million in capital maintenance. Over the next eight years, we plan to flip our existing ratio of new construction to capital renewal from 4-to-1 to 1-to-4.

IAC: Do you have suggestions for LEAs who are considering trying this method out?

Wilkinson: Changing any process entails some leap-of-faith, and we must acknowledge that any significant change to capital planning may result in long-term, significant consequences. I think that perhaps one should only consider this method if you have already arrived at two conclusions: 1) the existing method is hypothetically viable and based on industry protocol, but it has proven to be unsustainable given the conditions of the existing facility portfolio and the available capital resources, and 2) there is no other authority or funding agency that is going to intervene to make the existing system sustainable.

“*That’s your call-to-action; when you have people stating that “someone has to do something”, that “someone” may be you. When resigned to change, it’s always best to gain a consensus from stakeholders – especially the funding agencies. Not everyone will be comfortable, or even amenable, with abandoning existing methodology.*”

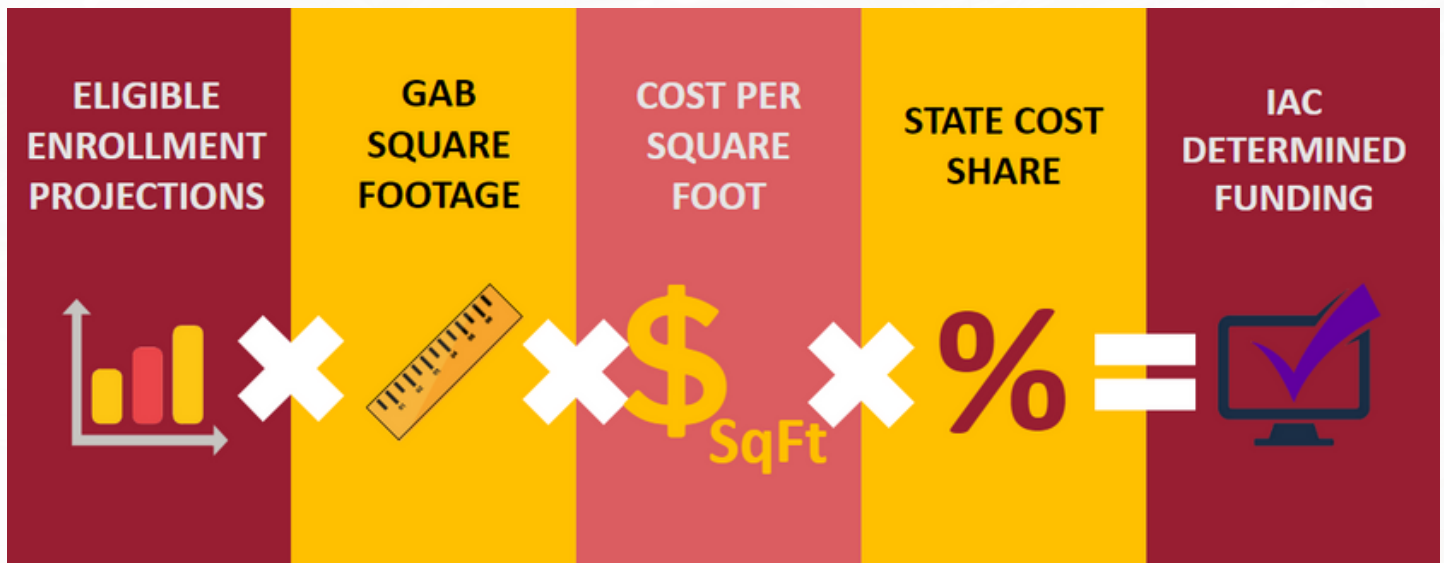


Registered Plumbing Apprentices Toby White and Melanie Edgar, the first plumbing apprentices FCPS hired since 1985, replumbing a bathroom at Brunswick High School

Financial & Program Reports

Facility Funding Formulas & Variables

The IAC uses four funding factors in a formula to determine project funding participation in several of its programs, including its two largest programs, the Capital Improvement Program (CIP) with typically between \$280 million and \$400 million annually in funding and the Built to Learn Program (BTL) with up to \$1.7 billion in funding anticipated over the course of the program.



The Funding Factors (eligible enrollment projections, Gross Area Baselines square footage, cost per square foot, and the State cost share) are evaluated together to set the Maximum State Allocation for a project. This estimate of the State's participation in a project is set when the project receives first-time construction funding and is used again for any subsequent funding requests for the project.

The use of the Funding Factors in setting the maximum funding amount ensures that the State does not devote more scarce State dollars to fund the seats, space, and construction costs than necessary to provide an adequate learning environment to a given student population, thereby depriving another student population of the funds needed to address its needs. While the same formula is used on every major CIP and BTL project, the IAC allows and encourages conversation between Local Education Agencies (LEAs) and IAC staff to address project specific adjustments for each of the Factors when needed.

The delicate balance between ensuring that State dollars go as far as they can go and that individual projects receive the appropriate and equitable level of support is a driving focus for the State's evaluation of funding requests from LEAs until each Funding Factor, and eventually the Maximum State Allocation, is set for a project. Together, the IAC and LEAs work together for a balanced and thoughtfully funded facilities portfolio on both the State and local levels.

Each Funding Factor

Eligible Enrollment
Gross Area Baselines Square Footage
Cost per Square Foot
State Cost Share Percentages

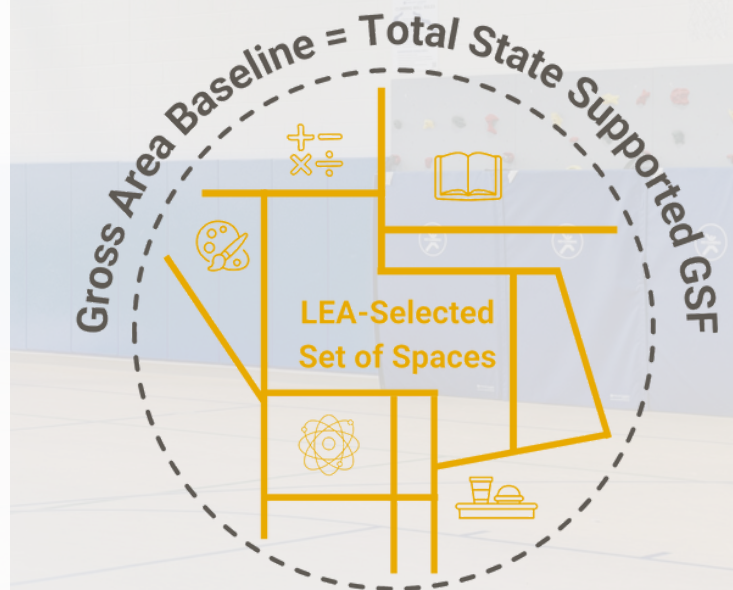
can be reviewed and adjusted based on the following:

Eligible Enrollment

The enrollment number eligible for State funding for a facility is the net difference between the State Rated Capacity (SRC, which is essentially how many students the State determines the facility can support) and the sum of the projected full-time equivalent seven-year enrollments for the project school and similar adjacent schools. *LEAs have the opportunity to request an exclusion of specific schools in the adjacency determination for a number of reasons, including geographical barriers, transportation constraints, and enrollment projections.*

Gross Area Baselines Square Footage

The Gross Area Baselines (GABs), established in 2019, are the maximum square footages per student that the State can support for each school facility. The GABs are currently under review by the Blueprint Facility Workgroup and IAC staff. The GAB is a reasonable outer boundary of size determined on a per-student basis that varies depending on the type of facility and the eligible projected enrollment. *A variance process exists in which the IAC can grant additional square footage on a case-by-case basis if the LEA provides sufficient data to support it.*



Cost per Square Foot

Established annually by the IAC in the July prior to each CIP approval, the State supportable cost per square foot is based on industry sources and anticipated cost escalation factors used by Maryland's State agencies. *The IAC is able to increase the cost per square foot (in accordance with COMAR 14.39.02.07) on a project specific basis when the LEA can demonstrate the reasonableness of the project budget and the LEA's efforts to reduce construction costs.*

See the past and projected school construction costs on the IAC website.



State Cost Share Percentages

Most of the IAC's programs are subject to a cost sharing between the State and County, which is determined for each fiscal year based on a variety of financial and demographic factors for each LEA. While the cost share cannot be adjusted upon LEA request, the IAC approved in July 2023 that *decreases would be phased in over a two year period.*

Additionally, beginning in FY 2024, LEAs can receive add-ons (up to 100% of the eligible project costs) to the State share percentage based on the status or qualifications of schools:

With a Concentration of Poverty between 55% and 80% (5 percentage point increase).

With a Concentration of Poverty above 80% (10 percentage point increase).

That received a Superior or Good rating on their most recent Maintenance Effectiveness Assessment (MEA) OR facilities that received an Adequate rating and for which the average achieved lifespan of all systems in the school is at least 120% of the expected useful lifespan (5 percentage point increase).

That were designed and built as net zero energy facilities (5 percentage point increase).

Together, the Funding Factors and opportunities to adjust them are a driving support for the collaborative work between LEAs and the IAC to build and maintain a fiscally sustainable statewide portfolio of K-12 school facilities.

Financial Reports

The final section of this report includes summary information and data for each of the IAC’s funding programs active in Fiscal Year 2023. Full details, including procedures guides, eligibility requirements, past year information, and legacy programs, are available on the IAC website.

Funding amounts for the State's Capital Improvement Program are based on funding targets, which are a combination of the LEA's ten-year funding average and enrollment. Other programs use different allocation methods. Some IAC programs have statutory minimums for projects and some are competitive based on need. All funding is provided to the extent that the LEA requests funding for projects that are eligible. Details regarding eligibility and requirements for each program are available on the IAC website.

\$730,499,990

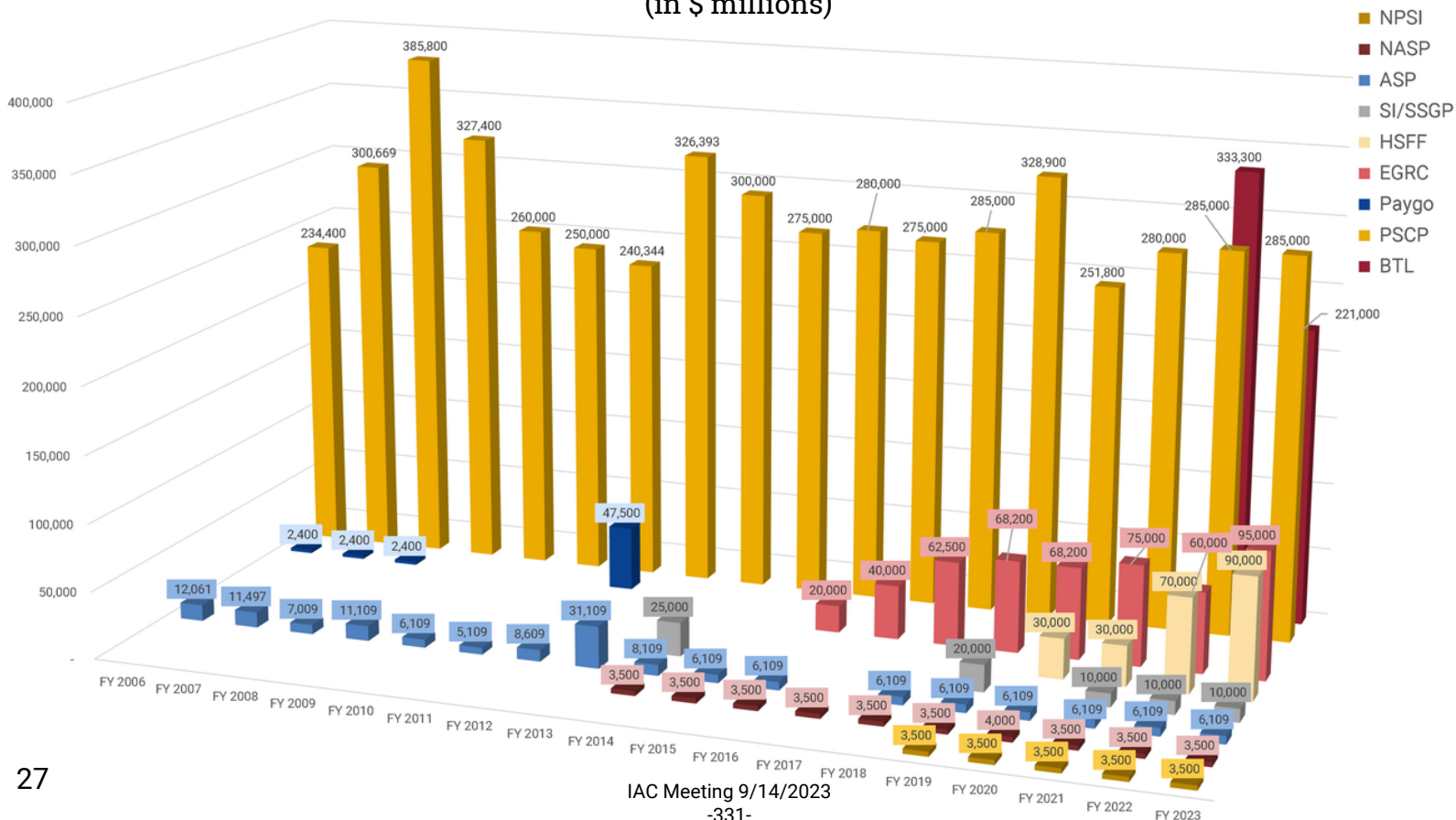
Appropriated

\$983,159,157

Awarded

Includes Federal HSFF Funds

Capital Funding by IAC Program FY 2006-2023
(in \$ millions)



Public Funding Programs

Capital Improvement Program

\$412.5M **114** Schools **22** LEAs

Awarded

The State's largest school construction grant program. Can be used for major new, renewal, replacement, addition, or capital maintenance (systemic renovation) projects and includes add-ons for certain LEAs through the Enrollment Growth and Relocatable Classroom program.

Pass-Through Funding

\$237M **40** Schools **22** LEAs

Awarded

2022 Md. Laws, Ch. 344 (SB291) appropriated \$237 million to be distributed to specified LEAs for school construction projects selected by each County government. These funds are statutorily required to be allocated as block grants to the LEAs with minimal oversight by the IAC.

Healthy School Facility Fund

\$89.6M **31** Schools **12** LEAs

Awarded

For projects improving HVAC, mold remediation, temperature regulation, plumbing (including lead in drinking water), roofs, and windows. Priority is given to issues posing an immediate life, safety, or health threat to occupants. HSFF allocations for FY 2023 included \$40 million in Federal funding. A total of \$89,568,925 of the available \$90M was awarded.

Public Funding Programs

School Safety Grant Program

\$9.9M Awarded **276** Schools **25** LEAs

Provides funds for school security improvements such as access control, new camera surveillance systems, door hardware and improvements, emergency generators, campus lighting, etc.

Aging Schools Program

\$6M Awarded **53** Schools **18** LEAs

Funds projects in aging facilities for capital improvements, repairs, maintenance, and deferred maintenance. Funds can also be used to address life, safety, and public health risks that may negatively impact building occupants.

Information on the Built to Learn Program, which is a multi-year funding program, can be found on pages 30-31.

Information on Nonpublic Funding Programs can be found on page 39.

Public Funding Programs

Built to Learn Program

Unlike the IAC funding programs listed on the previous page, the Built to Learn Program is a multi-year funding program in which funds were appropriated for the full life of the program rather than for one fiscal year of the program. BTL projects are awarded on a rolling basis.

The program involves revenue bonds issued by the Maryland Stadium Authority (MSA) to fund school construction projects and provides for MSA to manage projects. The total available funding for BTL is based on bond proceeds; the most recent estimate is \$1.7 billion.

| LEA | Awards During FY 2022 | Awards During FY 2023 | Awards During FY 2024 (as of publication) | Remaining Available Allocation |
|----------------|-----------------------|-----------------------|-------------------------------------------|--------------------------------|
| ALLEGANY | | | | \$ 6,937,020 |
| ANNE ARUNDEL | \$ 131,443,000 | \$ 34,264,000 | | \$ 46,793,000 |
| BALTIMORE CITY | | \$ 147,913,000 | | \$ 209,087,000 |
| BALTIMORE CO. | \$ 198,979,000 | \$ 8,887,000 | | \$ 149,134,000 |
| CALVERT | | | | \$ 13,566,212 |
| CAROLINE | | \$ 4,802,284 | | |
| CARROLL | \$ 23,818,913 | | | |
| CECIL | | \$ 12,724,701 | | |
| CHARLES | \$ 16,900,000 | | | \$ 6,277,756 |
| DORCHESTER | | | | \$ 3,894,498 |
| FREDERICK | \$ 87,170,062 | | | \$ (470,062) |
| GARRETT | | | | \$ 3,162,862 |
| HARFORD | \$ 31,454,000 | \$ 4,231,083 | | |
| HOWARD | \$ 34,901,360 | \$ 1,742,000 | | \$ 75,556,640 |
| KENT | | | | \$ 1,569,659 |
| MONTGOMERY | \$ 207,716,500 | \$ 6,693,000 | \$ 54,900,000 | \$ 87,690,500 |
| QUEEN ANNE'S | | | | \$ 6,544,605 |
| SOMERSET | | | | \$ 2,341,408 |
| ST. MARY'S | | | | \$ 14,944,896 |
| TALBOT | | | | \$ 3,878,801 |
| WASHINGTON | | | | \$ 19,036,473 |
| WICOMICO | \$ 13,815,508 | | | |
| WORCESTER | | | | \$ 5,599,322 |

Funding Awarded during FY 2022

\$750M

29 Schools **9** LEAs

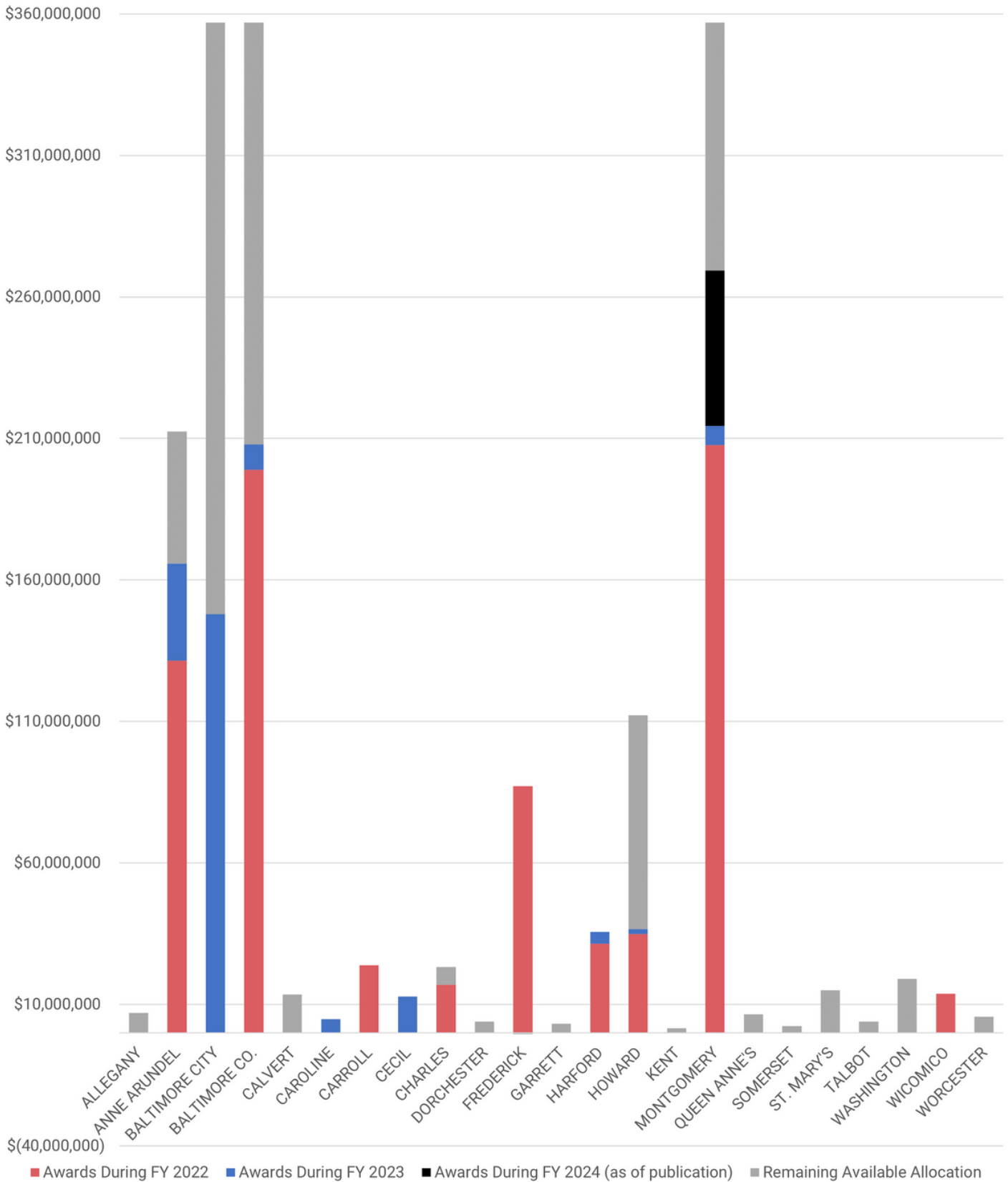
Funding Awarded during FY 2023

\$221M

10 Schools **9** LEAs

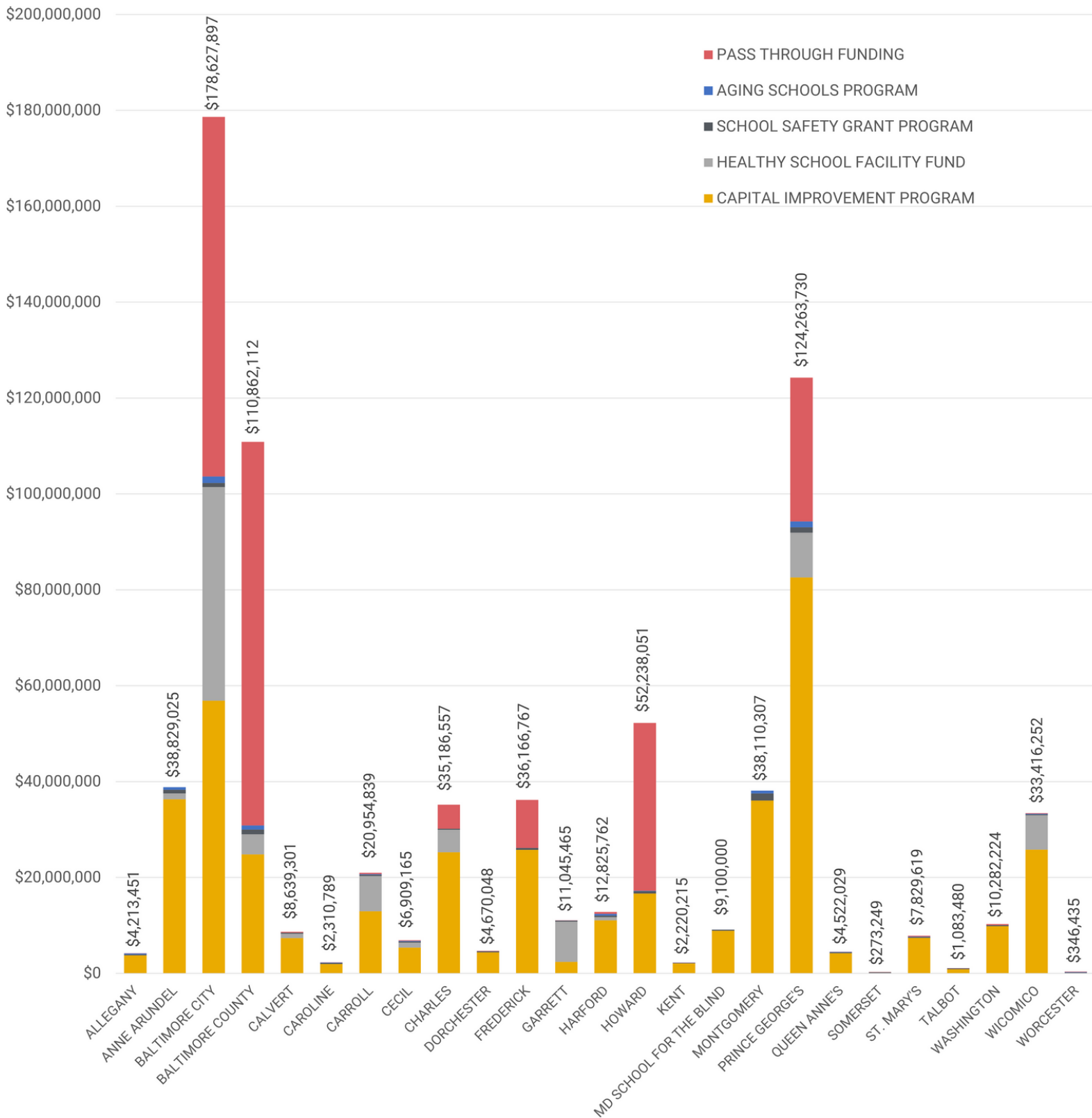
Public Funding Programs

Built to Learn Program Funding to Date



Total IAC Funding

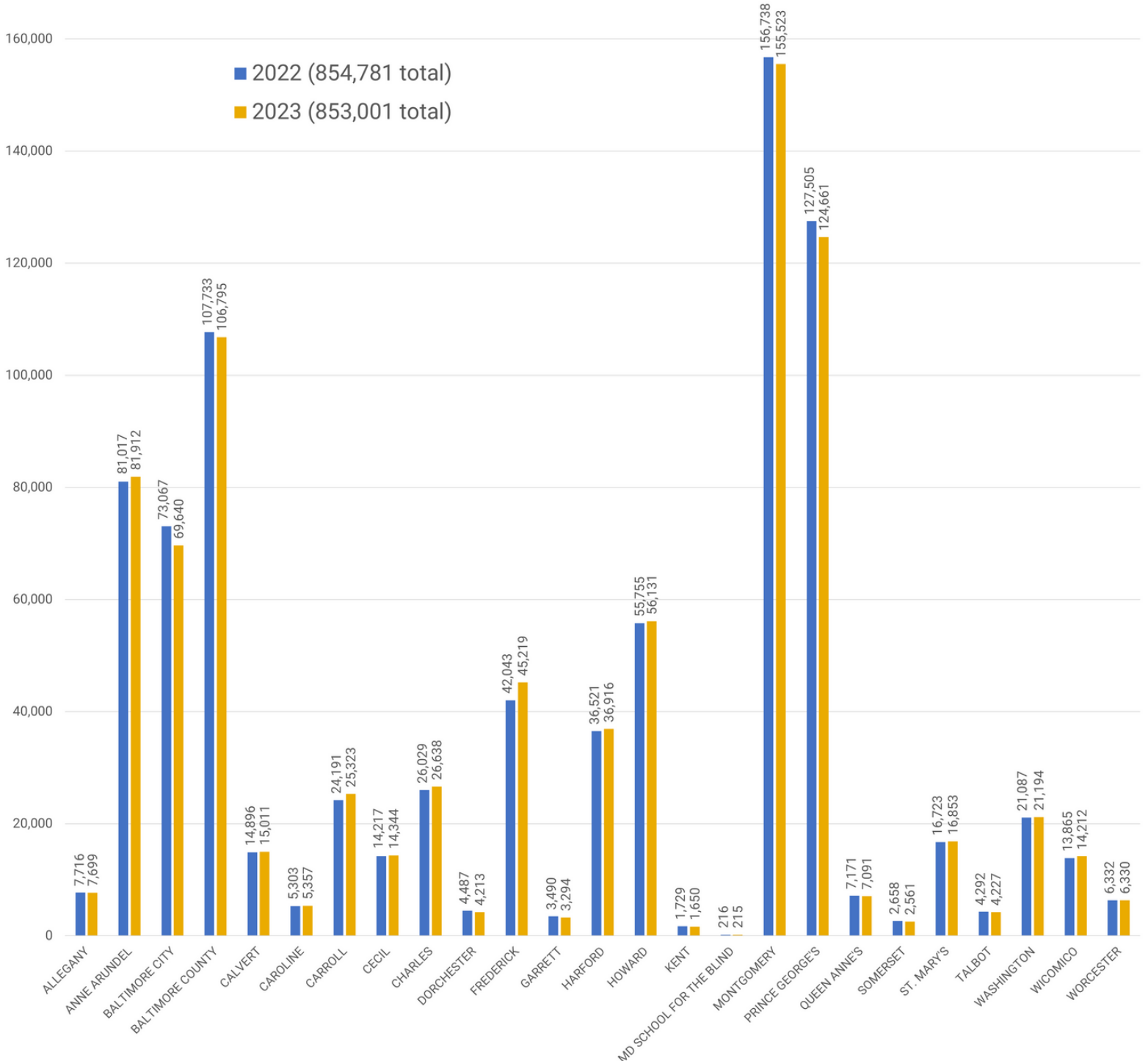
FY 2023 Total Public Funding Program Awards by LEA



Enrollment by LEA

Some, but not all, IAC funding programs and allocations are driven by enrollments, either as a formula like SSGP or as a rough target like the CIP. Compare the enrollment graph below with the funding chart on the previous page to see that generally, the distribution of State funding follows enrollments fairly closely.

FY 2022-2023 Public School Enrollment by LEA

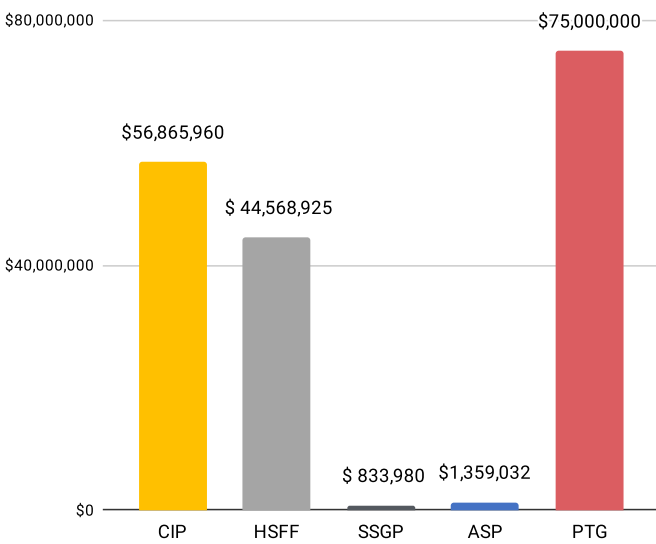


IAC Funding by LEA

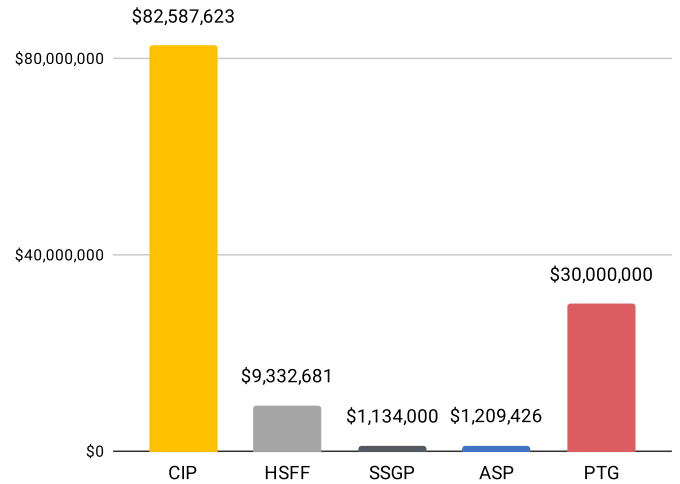
FY 2023 IAC public funding program allocations, excluding Built to Learn funding, for each LEA and the Maryland School for the Blind are displayed on the following pages.

LEA graphs are in order of greatest to least total funding allocation, with the y axis adjusted accordingly for each.

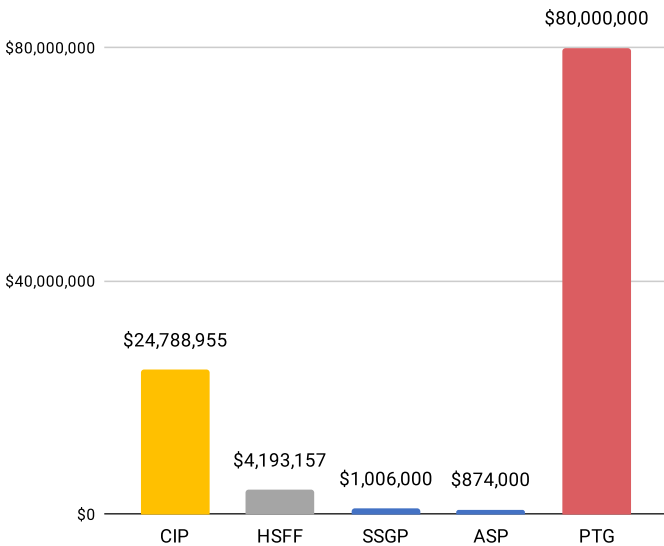
BALTIMORE CITY



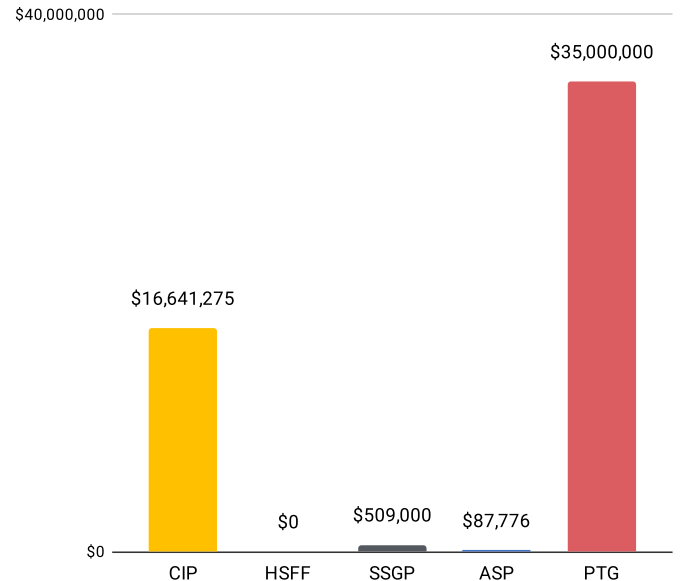
PRINCE GEORGE'S COUNTY



BALTIMORE COUNTY



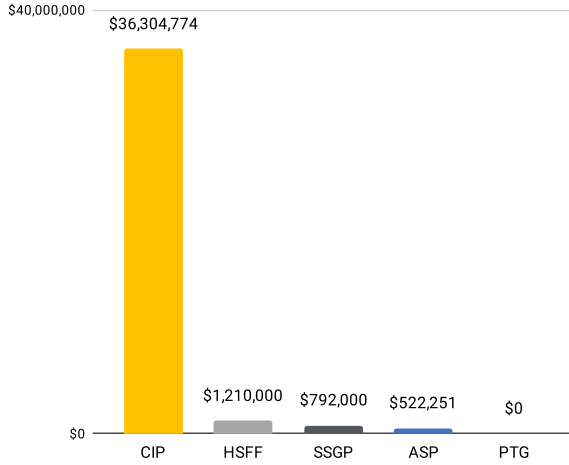
HOWARD COUNTY



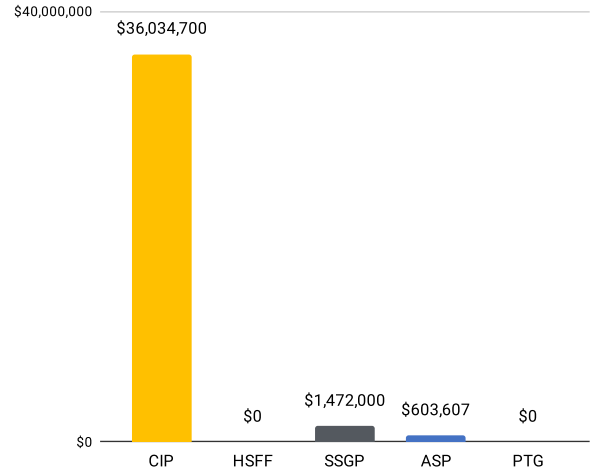
IAC Funding by LEA

LEA graphs are in order of greatest to least total funding allocation, with the y axis adjusted accordingly for each.

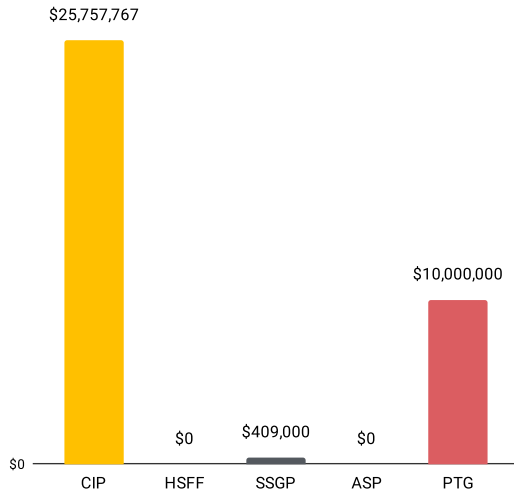
ANNE ARUNDEL COUNTY



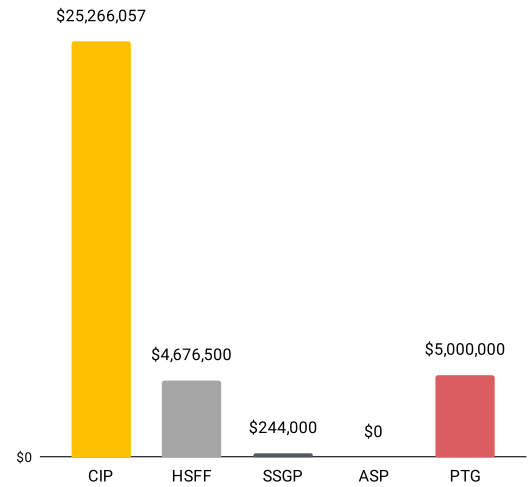
MONTGOMERY COUNTY



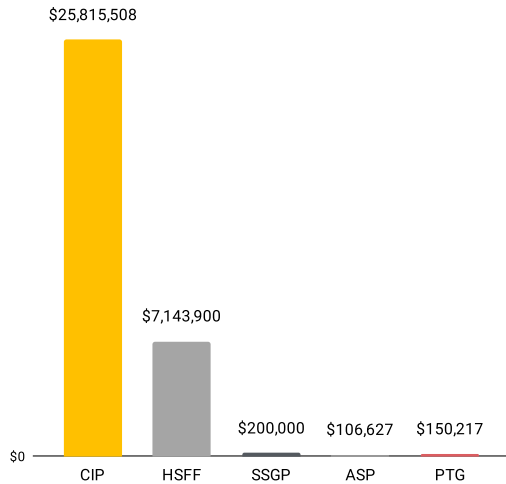
FREDERICK COUNTY



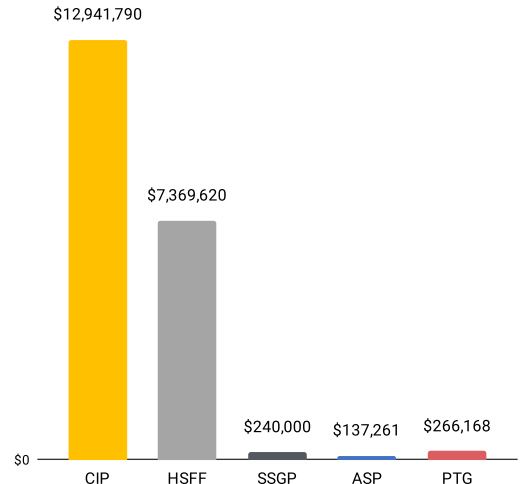
CHARLES COUNTY



WICOMICO COUNTY



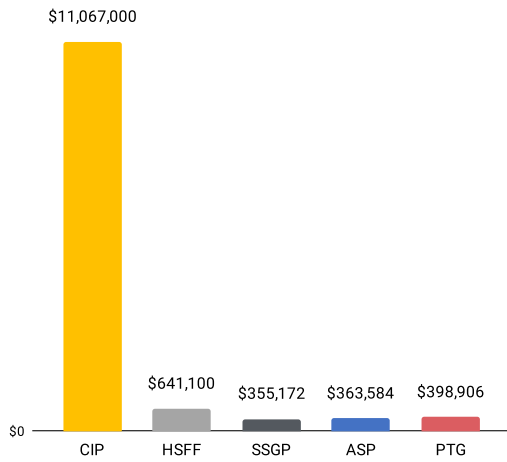
CARROLL COUNTY



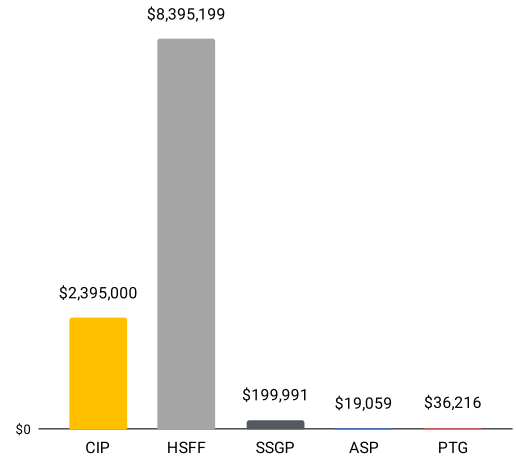
IAC Funding by LEA

LEA graphs are in order of greatest to least total funding allocation, with the y axis adjusted accordingly for each.

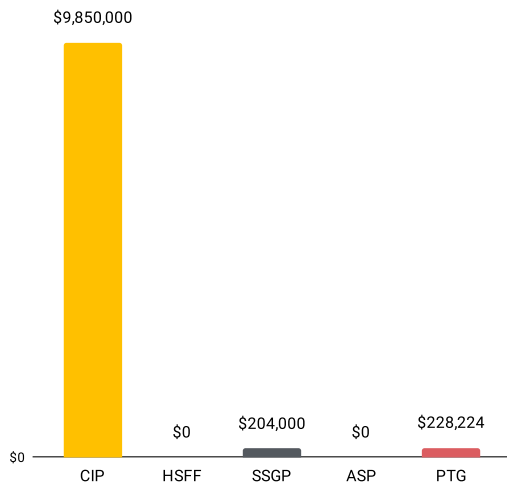
HARFORD COUNTY



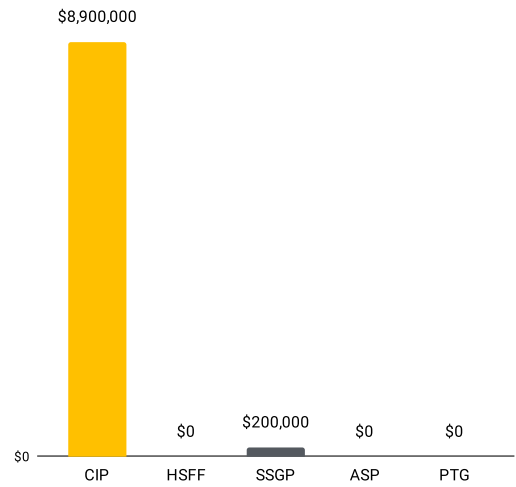
GARRETT COUNTY



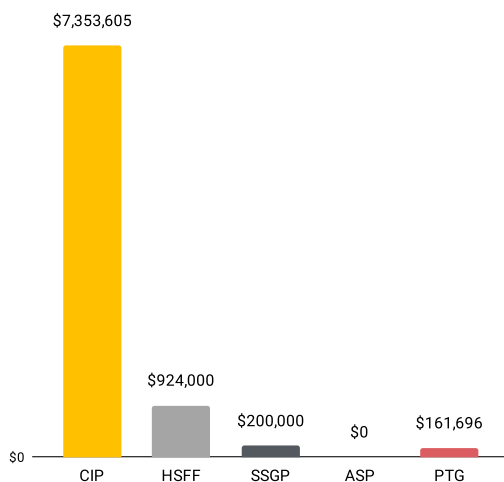
WASHINGTON COUNTY



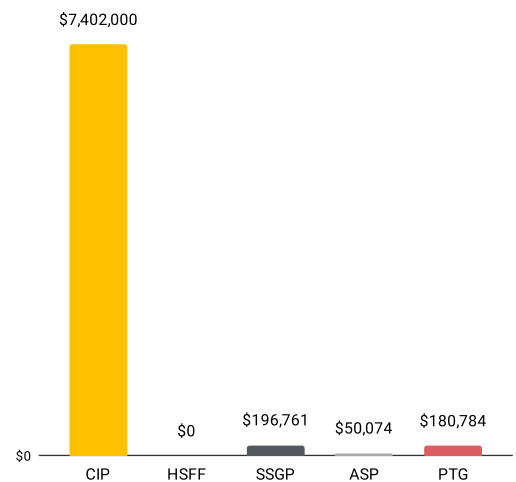
MARYLAND SCHOOL FOR THE BLIND



CALVERT COUNTY



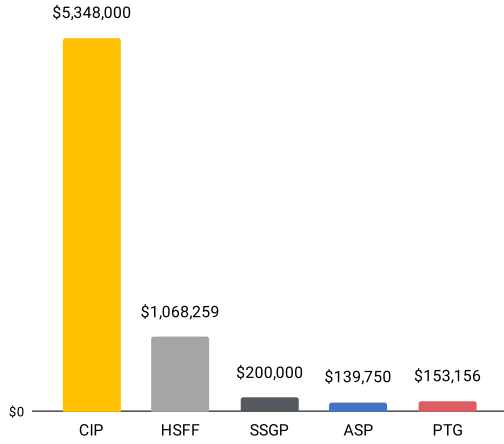
ST. MARY'S COUNTY



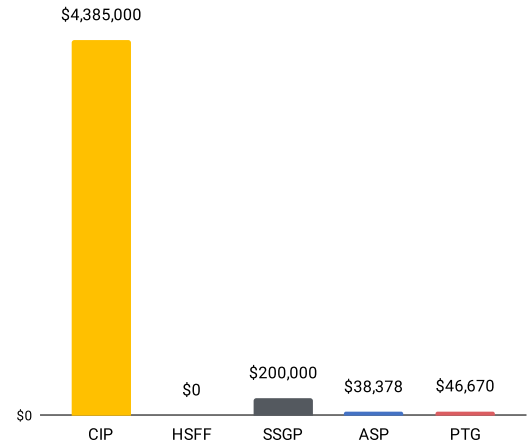
IAC Funding by LEA

LEA graphs are in order of greatest to least total funding allocation, with the y axis adjusted accordingly for each.

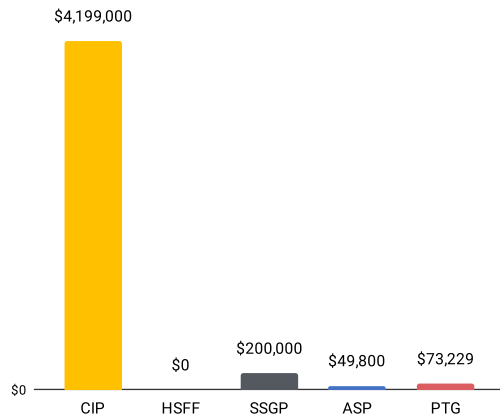
CECIL COUNTY



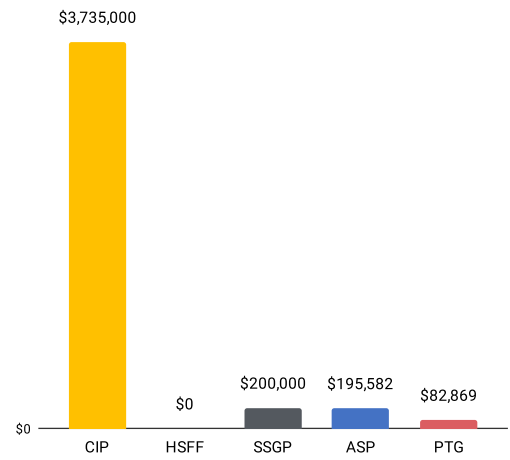
DORCHESTER COUNTY



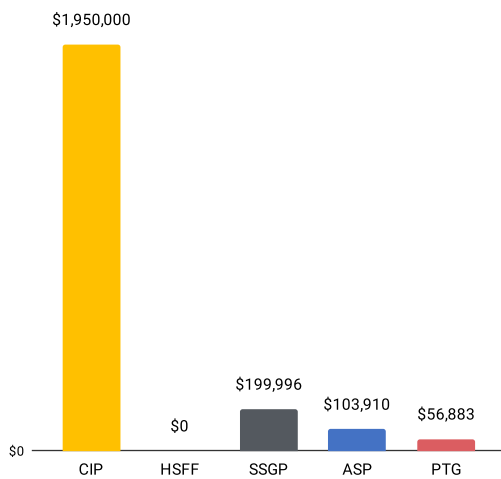
QUEEN ANNE'S COUNTY



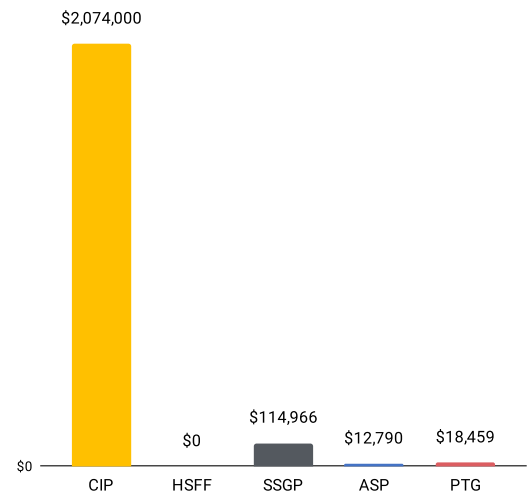
ALLEGANY COUNTY



CAROLINE COUNTY



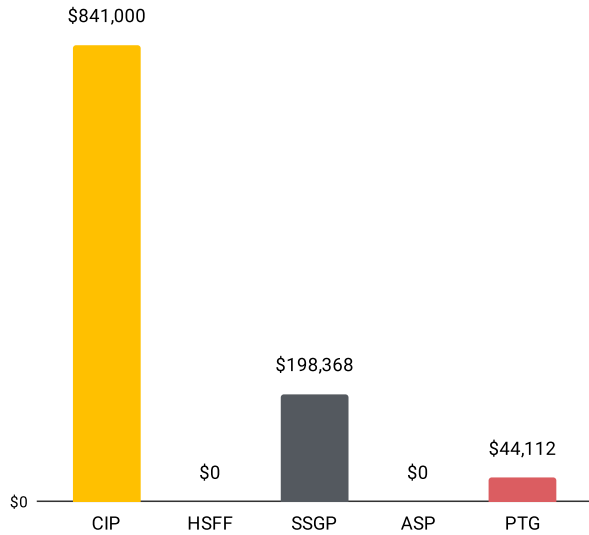
KENT COUNTY



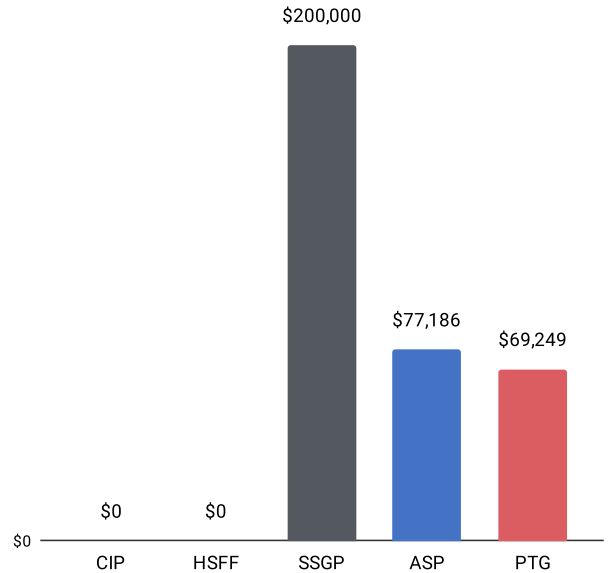
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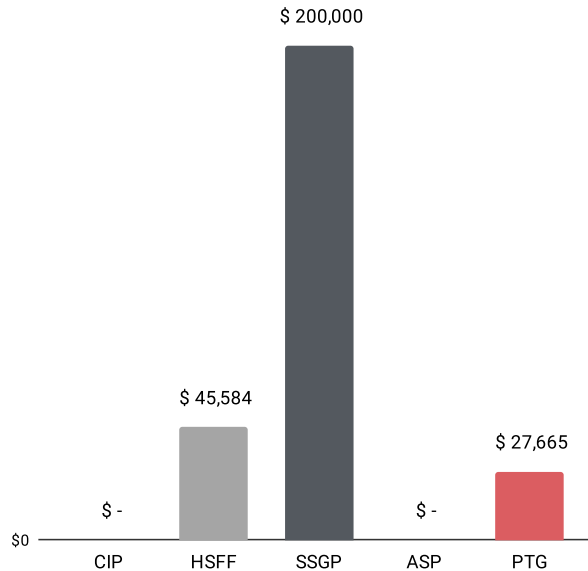
TALBOT COUNTY



WORCESTER COUNTY



SOMERSET COUNTY



Nonpublic Funding Programs

While the vast majority of the IAC's funding programs provide support for public school construction, FY 2023 included funding for two small programs for nonpublic schools in Maryland. To receive funding, schools must be eligible for participation in the Maryland State Department of Education's Aid to Nonpublic Schools Textbook Loan Program, which ensures that eligible schools have tuition at or below the statewide average per pupil expenditure by Local Education Agencies from the second prior fiscal year.

The Nonpublic Schools Safety Improvements program provides grants for renovations and safety improvements with an estimated life expectancy of at least 15 years. The Nonpublic Aging Schools Program provides grants for projects that protect the school from deterioration.

Nonpublic Aging Schools Program

\$3.5M

Awarded

177

Schools

18

Counties

The Senator James E. "Ed" DeGrange Nonpublic Aging Schools Program provides grants for renovations and improvements to existing nonpublic school buildings. \$3,499,998.38 was allocated by the IAC at their meeting on April 20, 2023, with \$1.62 of unobligated funds remaining.

Nonpublic School Safety Grants

\$3.5M

Awarded

111

Schools

20

Counties

Provide grants for safety improvements to existing nonpublic school buildings. This program is managed by the Maryland Center for School Safety. The total award amount for fiscal year 2023 was \$3,475,321.45 with \$24,678.55 of unobligated funds remaining.

Interagency Commission on School Construction Staff

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Hannah Sturm, Communications Coordinator

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Deterrion Sims, Funding Programs Assistant

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Ashley Hicks, Finance & Operations Assistant

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Brett Stevens, Assistant Director of IT
Robert Davis, Software Engineer
Robert Goetz, Systems Trainer

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Kenneth Johnson, Lead School Facilities Assessor
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Michael Bitz, Facilities Assessor
Kyle Connolly, Facilities Assessor
Ben Kaplan, Assessment Data Coordinator
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Diego Mora, Facilities Assessor
Soulihe Nida, Facilities Assessor
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Gene Shanholtz, Lead Capital Projects Manager
Lisa Vaughn, Capital Projects Manager
Sean Vorsteg, Capital Projects Manager
LaQuay Fleming, Field Operations Administrator

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Graham Twibell, Regional Planner

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Neil Joshi, Architect
Jo Anne Murray, Architect
Maria Prawirodihardjo, Architect
Myron Mason, Program Officer

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Jill Lemke, Manager of Infrastructure and Development

Department of General Services

Craig Curtis, Chief of Public Schools & Community Colleges Construction Program
Katie Shaffer, Public Schools Construction Administrator