



PRINCE WILLIAM COUNTY PUBLIC SCHOOLS
LAUNCHING THRIVING FUTURES

APPROVED CAPITAL IMPROVEMENT PROGRAM

Fiscal Years 2027-31

P.O. Box 389, Manassas, VA 20108
www.pwcs.edu

FY 2027-31 Capital Improvement Program

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571-374-6839

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571-374-6839

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PRINCE WILLIAM COUNTY PUBLIC SCHOOLS

Capital Improvement Program

Fiscal Years 2027–2031 | Report Body

PROGRAM OVERVIEW AND FIVE-YEAR CAPITAL PLAN

The Prince William County Public Schools (PWCS) Capital Improvement Program (CIP) outlines the division's plans for facility projects, including the construction of new schools, expansions and renovations to existing buildings, the installation of new features, and major maintenance and repair work, as well as the systematic replacement of capital assets over the next five years. It aligns with the PWCS Elevate 2030 Strategic Plan by not only focusing on creating welcoming, safe, and sustainable facilities, but also ensuring that strategic priorities are driving investments.

The CIP's anticipated accomplishments for the upcoming year include the opening of the replacement of Occoquan Elementary School—the first net-zero facility in PWCS—as well as the opening of the new “Woodbridge Area” Elementary School. Additional planned milestones include the installation of the division's inaugural turf management program facility at Brentsville District High School and the establishment of a Global Welcome Center in the Manassas area.

The approved CIP for fiscal years 2027-31 (FY 2027-2031) reflects a strong commitment to organizational coherence, demonstrated through extensive internal stakeholder engagement. The collaboration between and amongst the Chief Operating Officer and the Facilities Department, the Chief Financial Officer and the Budget and Finance Departments and the Chief Information Officer and the Research, Assessment and Data Service Department has been pivotal in shaping this year's CIP.

PWCS is the second largest school division in Virginia and the 33rd largest in the United States. For the 2025-26 academic year, PWCS served 89,731 PK-12 students across its 98 schools that have a combined capacity to accommodate approximately 93,137 students.

CIP's Alignment with PWCS Elevate 2030, Strategic Plan

The CIP enables the school division to address the changing enrollment patterns and utilize facilities in ways that are consistent with the PWCS Elevate 2030, Strategic Plan. The CIP specifically aligns with the following commitments, objectives, and goals:

Commitment 2: Positive Climate and Culture

Objective 2.3: PWCS facilities will be welcoming, safe, healthy, and sustainable.

- 10% increase in students reporting they feel safe in their school.
- 25% reduction in greenhouse gas emissions.
- 100% of building automation systems will integrate smart technologies to enable real-time optimization and predictive maintenance.
- 100% of PWCS students will have access to school-based outdoor learning environments.

Commitment 3: Family and Community Engagement

Objective 3.2: PWCS will work collaboratively with community agencies and business partners to turn strategic initiatives into engines of equity, excellence, and inspiration—and elevate them to their fullest potential.

- PWCS families will have access to three school-based health clinics.

Commitment 4: Organizational Coherence

Objective 4.3: PWCS will modernize our core business and instructional technology platforms and improve our use of Artificial Intelligence.

- Upgrading facilities management and HVAC systems for smarter energy use and reliability.

CIP Development Process

Overview

Each year, the Superintendent prepares a proposed budget for the upcoming school year that includes a dedicated section for funding the division's CIP. The budget proposal undergoes a meticulous revision process, incorporating feedback from work sessions, the School Board, and public discussions. Following these collaborations, the School Board approves a comprehensive budget for the next school year that encompasses the funds earmarked for the division's CIP projects.

The Prince William Board of County Supervisors (BOCS) subsequently reviews the school division's advertised budget, focusing on the CIP allocations within the school division's financial plan. Funding of the school division's advertised budget is assured if the BOCS sets a tax rate that generates adequate revenue to fully fund PWCS's proposed budget through the revenue sharing agreement. If the advertised budget is not fully funded, then a revision process of the school division's budget begins that could result in reducing scope of, or delaying, projects in the proposed CIP.

Strategic Fiscal Planning

A multi-year outlook is essential for aligning spending with expected revenues. Analytics, like student enrollment projections, and best practices for public finances guide the planning. For instance, renovation projects are prioritized based on a Facility Condition Index assessed by a third-party consultant, while optimizing capital funds to use. These practices have helped Prince William County maintain its triple-AAA bond rating.

Residential Development Community Contributions - Proffers

Monetary and in-kind contributions from residential rezoning help offset capital costs associated with residential development, thereby supporting the school division's demand-driven growth. The current balance of monetary contributions held by Prince William County for Schools Use is \$6,405,228.30. These funds are to be used to support various capacity-increasing construction projects undertaken by the school division.

Navigating Evolving Construction Markets

In the wake of recent global events, the construction industry has seen dynamic shifts, with rising material costs, supply chain adjustments, and labor market evolution. These variables exhibit early signs of stabilization. PWCS has proactively navigated these changes, encountering elevated pricing, extended lead times for select materials, and a more competitive bidding environment. Despite these factors, PWCS remains steadfast in its commitment to providing facilities that support student learning.

PWCS staff are actively engaged in analyzing market trends, both locally and nationally, to adeptly prepare for and adapt to the evolving landscape of current and future projects. The resilience of our planning is not only reflected in the inclusion of more informed contingencies for cost variations within our proposed construction budgets but also by evaluating project costs each year and revising, as needed, in the CIP.

CIP – Timeline and Process

Community engagement for the CIP began with the School Board's work session on January 14 where staff outlined justification for its projects. Opportunities for public engagement included a public meeting on February 9, a public hearing at the School Board meeting on February 18, and the presentation of the School Board's budget, which included the CIP, to the Board of County Supervisors on April 7.

Below is a timeline that outlines the CIP process for reference and planning purposes:

Month	Task
September–October	- September 30th Enrollment - Analyze student enrollment data and projection - Prioritize schools for renovations based on Facility Condition Assessments and Programmatic Evaluations - Review and prioritize significant facility maintenance projects
November–December	- Identify strategies to address existing and future capacity shortages and compile a list of specific capital improvements planned for implementation over the next five years - Review available funding - Engage with Executive Cabinet - Superintendent approves content of CIP
January	Work session to present proposed CIP to School Board
February	- Superintendent present proposed budget and CIP to the School Board - Public Meeting and Hearing on the proposed budget and CIP - Budget holders submit proposed departmental budgets - Proposed CIP Executive Summary publicly available
March	- Work session and mark-up on the budget - School Board approves budget and CIP, and submits it to the Board of County Supervisors
April	Board of County Supervisors approves School Board budget

Student Enrollments Trends - Planning

Capital improvement planning is an ongoing, adaptive process that plays a critical role in meeting division-wide capacity needs driven by both current and projected student enrollment trends. As the educational landscape evolves—shaped by changing conditions, programmatic shifts, and fluctuations in student populations, our priorities must remain flexible and responsive to ensure alignment with these dynamic factors.

As of September 30, 2025, PWCS reported a PK-12 student enrollment count of 89,731, reflecting a marginal decrease of 978 students or (-1.1%) compared to the previous year. The distribution of this change across different school levels is as follows:

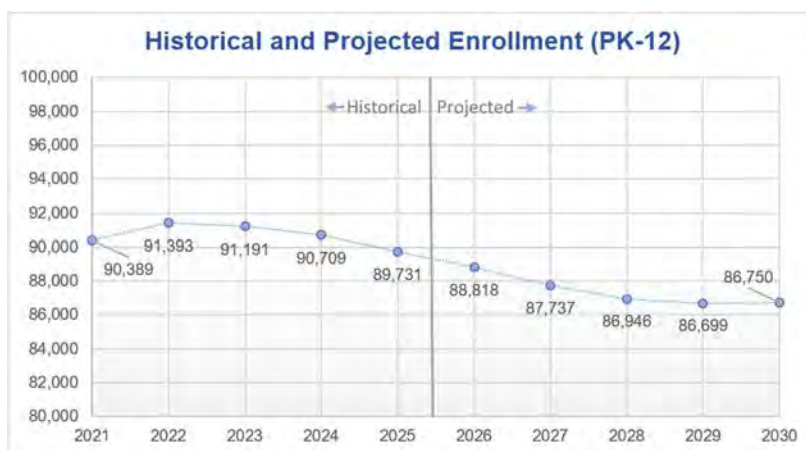
School Level	Change (2024 to 2025)	
	Number	Percentage
Elementary	- 372 students	-1.0%
Middle	+ 169 students	-0.8%
High	- 562 students	-2.0%
Other School types (i.e., Preschool, PACE West, Independence Nontraditional, Thomas Jefferson HS Regional)	- 213 students	-7.1%
Total	- 978 students	-1.1%

Enrollment projections indicate a continuing steady decline through 2030, with this general downward trend anticipated to continue through 2035.

Several demographic and housing trends are influencing student enrollment patterns across PWCS. Key factors include:

- Outmigration from the Northern Virginia area to its exurbs, the Greater Richmond metropolitan region and growing metros in the southern United States.
- Selective outmigration potentially contributing to aging counties throughout Virginia.
- Declining birth rates observed in Prince William County.
- While new housing construction is generally increasing, homes built within the past 10 years are producing fewer students than historical yield rates.

Given these trends, the progression of student cohorts—without rising birth rates or significant net in-migration will lead to enrollment declines over time.



K-12 Enrollment Projections

Five-year short-range outlook: Enrollment is projected to decrease by 3,177 students with 11,803 projected spaces available. Note that the space available assumes that capacity-enhancing projects in the FY 2026-30 CIP are constructed.

School Level	Student Enrollment			Space Available
	SY 2025	SY 2030 (Projected)	Change	2030 (Projected)
Elementary	38,182	37,275	-907	6,155
Middle	20,606	19,031	-1,575	3,122
High	28,155	27,460	-695	2,526
Total	86,943	83,766	-3,177	11,803

Ten-year long-range outlook: Enrollment is projected to decrease by 6,184 students with 14,810 projected spaces available. Note that the space available assumes that capacity-enhancing projects in the FY 2026-30 CIP are constructed. Also, the long-range projections are a simple linear extrapolation based on recent historical enrollment and short-range enrollment projections used to estimate the long-range projections.

School Level	Student Enrollment			Space Available
	SY 2025	SY 2035 (Projected)	Change	2035 (Projected)
Elementary	38,182	35,218	-2,964	8,212
Middle	20,606	19,156	-1,450	2,997
High	28,155	26,385	-1,770	3,601
Total	86,943	80,759	-6,184	14,810

Proposed CIP – Recap of FY 2027-31 Process

Given the projected decline in student enrollment, the increase in available capacity, and the significant rise in construction costs, the FY27 proposed CIP presented two scenarios to the School Board:

Scenario A

The first scenario moved forward with the 14th High School, requiring an additional \$128.2 million in funding based on independent reviews that established a revised total project cost of \$352 million.

Scenario B

The second scenario discontinued the 14th High School project, reducing CIP costs by \$191 million. In place of the 14th High School, this scenario introduced several new initiatives, including the construction of robotic centers at Gar-Field High School and Unity Reed High School to provide dedicated learning spaces. It also incorporated energy and sustainability measures such as geothermal integration in Bull Run Middle School's HVAC replacement, critical building automation upgrades at 25 schools over the five-year CIP window, and LED lighting upgrades at five additional schools. Even with these investments, the future cost-avoidance in not building the 14th High School would total more than \$256 million.

14th High School Updated Cost Estimates

FY 2026 CIP Cost Estimates	
Building, Site, and Soft Costs	\$207,800,000
Site Acquisition	\$16,000,000
Total All In Cost	\$223,800,000

FY 2027 CIP Cost Estimates			
Construction Component	Downey & Scott	Forella	Axias
Building Only	\$158,527,026	\$155,033,850	\$152,134,192
Site Only	\$70,015,392	\$48,187,525	\$74,977,535
GC mark-up, Escalation	\$37,999,420	\$32,758,980	\$42,226,789
Construction Cost (Bldg + Site, Including GC mark-up, Escalation and Contingency)	\$266,541,838	\$235,980,355	\$269,338,516
Soft Cost (% and number)	25%	35%	27%
approx (Design fees, legal, admin, permit + review, PM/CM fees)	\$66,635,459	\$82,593,124	\$72,721,399
Site Acquisition	\$16,000,000	\$16,000,000	\$16,000,000
Total All In Cost	\$349,177,297	\$334,573,479	\$358,059,915

Comparison of Scenarios A and B Project Inclusions

Scenario A		Scenario B		Difference Scenario A vs. Scenario B	
Project	CIP Amount	Project	CIP Amount		
14th HS - Additional Funding (Revised total cost estimate - \$352 million) Includes Robotics Center and School-Based Health Clinic	\$128,200,000	14th HS - Discontinuation	-\$191,014,000	Total CIP Net Cost Difference	\$256,464,000
		Gar-Field HS - Robotics Center (East)	\$8,500,000		
		Unity Reed HS - Robotics Center (West)	\$8,500,000		
		Bull Run MS - HVAC Replacement - Add Geothermal	\$4,000,000		
		LED Upgrades at 5 Schools	\$5,250,000		
		Building Automation System (BAS) Upgrades (Siemens to EcoStruxture-Schneider)	\$35,000,000		
		Strategic Facilities Directions - Feasibility Study	\$1,500,000		
		Total	-\$128,264,000		

As part of the Superintendent's Proposed Capital Improvement Program, formal authorization was requested by the School Board to proceed with either Scenario A or Scenario B.

The Prince William County School Board voted to officially discontinue plans for 14th high school.

The board, in a 7-1 vote, directed Superintendent LaTanya McDade's staff to proceed with Scenario B of the division's Capital Improvement Program, which does not include plans for the new high school.

Approved CIP Highlights

The approved FY 2027–2031 CIP introduces new projects and revises previously approved ones through scope adjustments, schedule changes, and project deferrals. These modifications are driven by anticipated K–12 enrollment declines over the next five years and by site constraints identified in plans approved under the FY 2026–2030 CIP.

New Facilities

Over the last five years, the construction of three new schools and capacity enhancements at two existing schools have collectively increased capacity by approximately 5,027 students. The new schools constructed were Gainesville High, Potomac Shores Middle, and Innovation Elementary. Additionally, classroom additions were made to two middle schools (Gainesville and Ronald Wilson Reagan).

The following table provides an overview of the facilities included in the Approved FY 2027–2031 CIP. While no entirely new school construction projects were introduced compared to the FY 2026–2030 plan, there are notable adjustments. The FY27 budget for the Global Welcome Center includes \$10.7 million, representing funding that was previously scheduled for the project. With \$7.5 million previously budgeted, the project's total funding requirement is \$18.2 million. Additionally, the table reflects discontinuing the 14th High School.

Approved Changes

New Facilities

Project Type	Sched Compl	Project	Estimated Project Amount		Project Funding	
			Previous Estimate	Updated Estimate	Prior Funding	Funding in FY27 CIP
Facility Replacement	Apr-26	Occoquan ES - Replacement School	\$ 80,000,000		\$80,000,000	
New Facility	May-26	Brentsville Turf Management Program Facility	\$ 9,100,000		\$9,100,000	
New Facility	May-26	Woodbridge Elementary School	\$ 59,644,000		\$59,644,000	
New Facility	Dec-26	Global Welcome Center - Manassas	\$ 18,200,000		\$7,500,000	\$10,700,000
New Facility	May-27	Potomac Shores Area Elementary School	\$ 70,500,000		\$70,500,000	
New Facility	----	14th High School - Discontinued	\$207,800,000	\$0	\$16,786,000	\$0

Additions to Existing Buildings

The following table provides an overview of the additions included in the approved CIP. Notably, the Pennington Traditional School addition is now scheduled for completion in May 2029 due to permitting challenges with the City of Manassas. For the Marsteller Middle School addition, the Pennington addition, and the Dale City Elementary addition and renovation, smaller projects at each school that were previously planned have now been consolidated into their respective additions. This approach allows these projects to be executed simultaneously, creating greater efficiency and potential cost savings. Additionally, the table includes two robotics centers—one at Gar-Field High School in the eastern region and the other at Unity Reed High School in the western region—designed to provide dedicated, state-of-the-art robotics learning spaces.

Approved Changes

Additions

Project Type	Sched Compl	Project	Estimated Project Amount		Project Funding	
			Previous Estimate	Updated Estimate	Prior Funding	Funding in FY27 CIP
Addition	Jul-27	Nokesville School - Addition (10-classrooms)	\$ 30,400,000		\$21,500,000	\$8,900,000
Addition	Aug-27	Washington-Reid PK - Addition / Minor Renovation (15-classrooms)	\$ 29,400,000		\$6,700,000	\$22,700,000
Addition	Jun-28	Marsteller MS - Addition (10-classrooms)	\$ 22,400,000	\$56,400,000	\$6,600,000	\$49,800,000
Addition	May-29	Pennington TS - Addition (10-classrooms)	\$ 27,000,000	\$30,000,000	\$15,200,000	\$14,800,000
Addition	Jun-31	Dale City ES - Addition / Renovation (15-classrooms)	\$ 51,600,000	\$51,750,000	\$1,651,000	\$50,099,000
Addition	Jun-29	Gar-Field HS - Robotics Center (East)	\$ 8,500,000			\$8,500,000
Addition	Jun-29	Unity Reed HS - Robotics Center (West)	\$ 8,500,000			\$8,500,000

Major Renovations

Regular maintenance of buildings and large physical assets, like chillers and HVAC systems, is essential. Scheduled renovations ensure that all schools remain safe, functional, and equipped to support current educational programs, regardless of the building's age. Currently, 60 of the school division's 98 schools and facilities are 25 years or older.

Over the past five years, major renovations projects have been conducted at 13 facilities totaling nearly \$159M. Additionally, lighting, boilers, chillers, and other infrastructure upgrades have been completed at many schools. The school division continues to assess and improve school safety, including multi-million-dollar enhancements in new school design and upgrades to existing buildings.

All school facilities within the division's 98 schools, except for the newly constructed Innovation Elementary School and the to-be-replaced Occoquan Elementary School, have undergone a Facility Condition Assessment (FCA). The resulting Facility Condition Indexes (FCIs) have supported the reprioritization of previously scheduled renovations.

The following table provides an overview of the additions and key adjustments within the approved FY 2027–2031 CIP with respect to major renovations. One notable change is the revised completion date for Vaughan Elementary School which has shifted from 2028 to 2029. Additional CIP funding has also been allocated for both Woodbridge Middle School and Brentsville District High School, based on external independent reviews of their drawings and plans to ensure accurate cost estimates. Furthermore, the FY 2027 CIP introduces the inclusion of Hampton Middle School, with a major renovation scheduled for completion in 2032 at an estimated cost of \$85 million (\$75 million within the 2027-31 CIP, and \$10 million in future years). These updates reflect the division's commitment to addressing site-specific challenges, maintaining project accuracy, and strategically investing in facilities to meet evolving programming and enrollment needs.

Approved Changes

Major Renovations

Project Type	Sched Compl	Project	Estimated Project Amount		Project Funding	
			Previous Estimate	Updated Estimate	Prior Funding	Funding in FY27 CIP
Major Renovation	Aug-28	Graham Park MS - Renovation	\$ 40,500,000		\$40,500,000	
Major Renovation	Aug-28	Fred M. Lynn MS - Renovation	\$ 79,100,000		\$18,500,000	\$60,600,000
Major Renovation	Jun-29	Vaughan ES - Renovation	\$ 74,600,000		\$2,500,000	\$72,100,000
Major Renovation	Jun-29	Woodbridge MS - Renovation	\$ 59,493,000	\$72,493,000	\$2,844,000	\$69,649,000
Major Renovation	Jun-29	Brentsville District HS - Renovation	\$ 71,993,000	\$91,993,000	\$4,399,000	\$87,594,000
Major Renovation	Jun-32	Hampton MS - Renovation	\$ 85,000,000			\$75,000,000

Facility Modifications

The table below presents a comprehensive overview of the division's facility modifications planned across multiple schools. Projects are grouped by categories including Exterior Upgrades, Interior Upgrades, Kitchen projects, Minor Projects, Minor Renovations, and Site Improvements.

Across all projects, the division plans a total investment of approximately \$38.5 million in facility modifications over the 5-year CIP period.

Key themes include:

- Exterior upgrades such as running track replacement and structural repairs.
- Interior upgrades focusing on restroom renovations and classroom modifications.
- Kitchen improvements to modernize food service areas.
- Major projects including HVAC replacements, fire alarm systems, and comprehensive building system upgrades.
- Minor renovations addressing interior finishes, accessibility improvements, and space modifications.
- Safety improvements such as front entrance enhancements and playground upgrades.

FY 2027-31 Capital Improvement Program

Facility Modifications

Category	Project Type	Sched Comp	Location	Project	5-Year CIP Totals by Revenue Source		
					Bonds	General Revenue	Total
Facility Modifications	Exterior Upgrade	2027	Gainesville High School	Running Track Replacement		\$1,250,000	\$1,250,000
	Interior Upgrade	2027	Osborn Park High School	Interior Modifications/ General Education Classrooms Construction	\$2,000,000		\$2,000,000
		2028	New Dominion Transportation Center	Interior Modifications		\$480,000	\$480,000
		2028	Woodbridge High School	Interior Modifications	\$6,000,000		\$6,000,000
		2029	Gar-Field High School	Interior Modifications	\$6,000,000		\$6,000,000
			Kelly Leadership Center	Interior Modifications		\$500,000	\$500,000
	Kitchen	2028	Coles Elementary School	Kitchen Upgrades	\$2,000,000		\$2,000,000
		2028	Neabsco Elementary School	Kitchen Upgrades	\$2,000,000		\$2,000,000
	Minor Project	2027	Gar-Field High School	Greenhouse	\$1,500,000		\$1,500,000
		2027	Gar-Field High School	Health Clinic - Modular		\$2,500,000	\$2,500,000
	Minor Renovation	2027	Forest Park High School	Gym Floor Replacement	\$555,000		\$555,000
		2027	Potomac High School	Baseball Press Box Replacement	\$1,500,000		\$1,500,000
		2028	Rippon Middle School	FACS Classrooms - Renovation	\$425,000		\$425,000
		2028	Woodbridge High School	Baseball Press-Box / Concession Building / Softball Storage Building	\$3,000,000		\$3,000,000
		2031	Independent Hill Complex -- Bldg 3 & 4	IHC Building 3 & 4 - Elevator / Accessibility	\$4,000,000		\$4,000,000
			Divisionwide	CTE Classrooms - Renovation		\$2,500,000	\$2,500,000
			Divisionwide	Security Apartment Renovations		\$750,000	\$750,000
	Site Improvement	2027	Yorkshire Elementary School	Parking Lot Expansion	\$1,500,000		\$1,500,000
	Total - Facility Modifications				\$30,480,000	\$7,980,000	\$38,460,000

Overall, the table highlights a significant, strategic investment aimed at maintaining safe, modern, and functional school facilities across the division.

Artificial Turf and Track

The approved FY 2027–2031 CIP also includes a standard turf lifecycle replacement at Potomac High School. The plan also addresses the scheduled replacement of turf fields at several middle schools over the next few years. There is a total of seven middle school turf fields originally funded through a cooperative agreement with Prince William County. Under this agreement, Prince William County Schools will assume responsibility for replacing the turf carpets on three and a half fields, including Gainesville, Lake Ridge, and Woodbridge Middle Schools, while sharing one-half of the cost for Graham Park Middle School. These replacements are part of a broader effort to maintain safe, high-quality athletic facilities and ensure long-term sustainability of existing investments.

Approved Changes Artificial Turf

Location	Project	Project Funding	
		Prior Funding	Funding in FY27 CIP
Brentsville District High School	Artificial Turf & Track	\$ 6,871,465	
C.D. Hylton High School	Artificial Turf & Track	\$ 2,566,964	
Osborn Park High School	Artificial Turf & Track, Concession Bldg	\$ 8,967,290	
Patriot High School	Stadium & Playfield Turf & Track Replacement	\$ 2,900,000	
Gar-Field High School	Artificial Turf & Track, Concession Bldg	\$ 6,414,645	
High Schools	New Practice Turf Fields	\$ 24,000,000	
Potomac High School	Artificial Turf Replacement		\$ 1,500,000
Gainesville Middle School	MS Turf - PWC Agreement		\$ 1,000,000
Graham Park Middle School	MS Turf - PWC Agreement		\$ 500,000
Lake Ridge Middle School	MS Turf - PWC Agreement		\$ 1,010,000
Woodbridge Middle School	MS Turf - PWC Agreement		\$ 1,020,000

Major Maintenance and Repair

PWCS continues to invest in its schools to ensure that every student and staff member learns and works in a safe, welcoming, and well-equipped environment. The division is committed to the ongoing maintenance of school facilities and uses the Facility Condition Index (FCI) to identify major repair, and replacement needs that extend the useful life of buildings. This process includes improving, upgrading, or replacing components that have reached or are nearing the end of their lifecycle. When a school is scheduled for renovation, the cost of these maintenance repairs is incorporated into the overall renovation budget. This comprehensive approach ensures that all necessary updates are addressed efficiently, supporting the long-term sustainability and functionality of our facilities. The table above outlines the division's major maintenance projects by project type.

Approved CIP

School Maintenance and Repair by Project Type

Location	Project	5-Year CIP Totals by Revenue Source		
		Bonds	General Revenue	Total
Various Facilities (TBD based on existing conditions)	Asphalt		\$36,910,000	\$36,910,000
	Electrical	\$4,500,000	\$1,400,000	\$5,900,000
	Electronic Systems		\$3,349,750	\$3,349,750
	Energy Infrastructure		\$5,000,000	\$5,000,000
	Environmental		\$8,535,000	\$8,535,000
	Equipment Repair		\$375,000	\$375,000
	Equipment Replacement	\$1,700,000	\$19,500,000	\$21,200,000
	Exterior Upgrade		\$2,410,000	\$2,410,000
	Fenestration	\$11,163,000	\$500,000	\$11,663,000
	HVAC	\$121,840,000	\$57,092,500	\$178,932,500
	Interior Upgrade	\$4,600,000	\$2,770,000	\$7,370,000
	Kitchen		\$750,000	\$750,000
	Maintenance		\$31,600,000	\$31,600,000
	Minor Project		\$3,000,000	\$3,000,000
	Minor Renovation		\$23,365,000	\$23,365,000
	MS4		\$5,434,000	\$5,434,000
	Plumbing	\$3,000,000	\$3,247,000	\$6,247,000
	Portable classroom		\$5,075,000	\$5,075,000
	Roof Replacement and Repair	\$24,552,000	\$1,400,000	\$25,952,000
	Security	\$124,000	\$2,200,000	\$2,324,000
	Site Improvement		\$4,400,000	\$4,400,000
	Sustainability	\$51,410,000	\$12,638,000	\$64,048,000
	Title IX		\$375,000	\$375,000
	Repair		\$3,386,965	\$3,386,965
Total - School Maintenance and Repair		\$222,889,000	\$234,713,215	\$457,602,215

Capital Asset Replacement Program

Within this plan, PWCS introduces a structured, formal program to monitor and replace existing resources. The program focuses on five key resource categories, as shown in the chart below, and enhances current replacement strategies while establishing a more strategic, data-driven approach to managing the full scope of the division's resources. Additional categories—such as custodial equipment, climate control systems, and school furniture—will be developed for inclusion in future iterations of the program. This initiative represents the first step toward a more analytical approach to resource management, ensuring that students and staff have safe, reliable equipment available for daily use. By proactively addressing lifecycle needs, the program reduces administrative burdens on school principals, allowing them to focus on their core responsibility: leading student instruction. Ultimately, this approach supports operational efficiency, cost savings, and the long-term sustainability of school assets.

Approved Changes Capital Asset Replacements

In collaboration with stakeholders, evaluated existing assets.

Identified and evaluated asset conditions, life expectancies of assets, costs to replace.

Created 5-year funding plan for inclusion in the proposed CIP.

Total proposed CIP cost is \$15,705,000.

Key Asset Categories

Asset Category	Stakeholder	Proposed CIP Amount
School Playgrounds	Risk, Safety, and Environmental Department	\$13,100,000
School Stage Curtains	Facilities Department	\$1,723,000
Maintenance Equipment Trailers	Facilities Department	\$515,000
Capital Equipment	Aquatics Center	\$290,000
Centralized Custodial Equipment	Facilities Department	\$77,000
Total		\$15,705,000



Sustainability

In June 2020, the School Board launched the Sustainability Initiative, establishing a comprehensive strategy for PWCS to reduce its carbon footprint, decrease reliance on fossil fuels, and promote sustainability education through project-based learning opportunities for students. This broad set of goals addresses division wide sustainability, including the design and construction of high-performance facilities, integration of environmental literacy into the curriculum, and improvements to mechanical systems and building efficiencies. Similarly, the Prince William Board of County Supervisors adopted a resolution on energy and environmental sustainability, leading to the creation of a Joint Environmental Taskforce for both Boards to collaborate on these efforts.

Program Goals

- Create healthy learning environments for students and staff
- Utilize emerging energy technologies, including renewables such as geothermal and photovoltaic solar arrays
- Incorporate sustainable, maintainable high-performance design standards while balancing CIP priorities and available funding
- Integrate environmental literacy into the PWCS curriculum

Superintendent's Advisory Council on Sustainability Recommendations

Achievements and Initiatives in Progress

- Site-specific design for new construction projects
- Feasibility studies for:
 - o Renovating HVAC systems with geothermal where possible
 - o Transitioning fleet vehicles to electric models



The table below illustrates the sustainability projects included in the approved FY 2027–2031 CIP. A key highlight is the additional \$26.4 million investment in LED lighting upgrades at 27 schools, significantly improving energy efficiency across the division.

FY 2027-31 Capital Improvement Program

Sustainability Measures

Category	Project Type	Location	Project	5-Year CIP Totals by Revenue Source		
				Bonds	General Revenue	Total
Sustainability	Indoor Air Quality (IAQ)	41 School Locations	Retrocommissioning (RCx)	\$0	\$8,638,000	\$8,638,000
	LED Upgrades	27 new projects (FY27) 10 existing projects (FY26)	LED Lighting Upgrades	\$26,360,000	\$0	\$26,360,000
	Outdoor Learning Environments (OLE)	28 School Locations	Construct and/or Renovate Outdoor Learning Environments	\$6,550,000	\$0	\$6,550,000
	Solar PV Array	6 New Projects (FY27) 6 Existing Projects (FY26)	Install Solar PV Arrays	\$18,500,000	\$4,000,000	\$22,500,000
	Total - Sustainability			\$51,410,000	\$12,638,000	\$64,048,000

The plan also allocates \$6.55 million for outdoor learning environments at 28 schools, supporting innovative educational spaces that connect students with nature. Another major initiative is \$8.6 million for retro-commissioning at 41 schools, ensuring that HVAC systems operate efficiently and according to design specifications to provide improved indoor air quality. While all schools are already fully automated for HVAC control, this process verifies sensor accuracy and mechanical performance, creating comfortable learning environments while reducing energy waste.

Finally, the CIP includes a total of \$22.5 million for solar photovoltaic (PV) arrays at twelve schools. The FY 2027-31 CIP adds six additional facilities at a cost of \$11.5 million and \$11.0 million already approved within last year's CIP. This investment will advance PWCS's commitment to renewable energy and sustainability.

These initiatives reflect a comprehensive approach to energy efficiency and environmental stewardship, aligning with the division's long-term sustainability goals and reducing operational costs over time.

Funding for the Approved FY 2027-2030 CIP

Prince William County Public Schools funds its Capital Improvement Program through a combination of long-term capital financing and annual commitments from both the school division and Prince William County government. The foundation of PWCS's capital program is **county issued bond financing**, which provides the primary source of funding for major construction, additions, renovations, and systemwide modernization projects. Bond funding enables the division to implement large-scale, multiyear capital initiatives aligned with enrollment projections and facility needs.

To complement bond financing, PWCS also utilizes **school division operational funds** to support recurring major maintenance, infrastructure replacements, and other capital related needs that are not bond eligible. These operational contributions help address critical facility requirements on an annual basis.

Select projects may also incorporate **developer proffers or contributions**, particularly in areas experiencing new residential growth where additional school capacity or site improvements are warranted.

Together, this multilayered funding structure allows PWCS to strategically implement its five-year Capital Improvement Program. By balancing long term capital commitments with recurring operational and county support, PWCS can responsibly sequence projects, manage cost escalation, and maintain a strong focus on both capacity needs and equitable learning environments across the division.

Comparison of FY 2027-31 with FY 2026-30 CIP CIP Amounts by Funding Source

FY 2027-31 CIP		FY 2026-30 CIP		Change FY27 - FY26	
Funding Source	Amount	Funding Source	Amount	Funding Source	Amount
Bonds	\$815,341,000	Bonds	\$869,430,000	Bonds	(\$54,089,000)
General Fund Transfers	\$263,787,215	General Fund Transfers	\$159,177,250	General Fund Transfers	\$104,609,965
Proffer		Proffer	\$24,968,000	Proffer	(\$24,968,000)
Total	\$1,079,128,215	Total	\$1,053,575,250	Total	\$25,552,965

The table presents a clear comparison between the Approved FY 2027–31 CIP funding structure and the previously adopted FY 2026–30 CIP. It demonstrates how changes in project assumptions, most notably the decision not to proceed with the 14th High School, directly impacted the division's overall capital financing plan.

The Approved CIP presents shift in funding needs. Bond funding decreases by roughly \$54.1 million, while General Fund transfers increase by approximately \$104.6 million to support alternative investments such as robotics centers and sustainability upgrades. Proffer contributions decreased by \$24.9 million. Overall, the FY 2027-31 CIP results in a net increase of \$25.6 million over the FY 2026–30 CIP.

The FY 2027–31 CIP reflects PWCS's commitment to modernizing aging facilities, responsibly managing enrollment changes, and sustaining long-term capital investments through a balanced and predictable funding structure.

Schedule of Construction, Renovations, Modifications and Maintenance by Funding Source Approved FY 2027 - 31 Capital Improvement Program

Category	Project Type	Sched Comp	Location	Project	5-Year CIP Totals by Revenue Source			Future Funding	Total Project Amount	Additional Capacity (5-Year)	
					Bonds	General Revenue	Total				
New Facilities and Additions	Facility Replacement	2026	Occoquan Elementary School	Occoquan Elementary - Replacement					\$80,000,000	226	
	New Facility	2026	Brentsville District High School	Brentsville Turf Management Program Facility					\$9,100,000		
		2026	Global Welcome Center	Global Welcome Center - Manassas	\$10,700,000		\$10,700,000		\$18,200,000		
		2026	Woodbridge Area Elementary School	Woodbridge Area Elementary					\$59,644,000	632	
		2027	Potomac Shores Area Elementary School	Potomac Shores Area Elementary					\$70,500,000	1,050	
	Addition	2027	The Nokesville School	Nokesville School - Addition (10-classrooms)	\$8,900,000		\$8,900,000		\$30,400,000	243	
		2027	Washington-Reid Preschool Center	Washington-Reid PK - Addition / Minor Renovation (15-classrooms)	\$22,700,000		\$22,700,000		\$29,400,000		
		2028	Marsteller Middle School	Marsteller Middle - Addition (10-classrooms)	\$49,800,000		\$49,800,000		\$56,400,000	210	
		2029	Pennington Traditional School	Pennington Traditional - Addition (10-classrooms)	\$14,800,000		\$14,800,000		\$34,000,000		
		2029	Gar-Field High School	Gar-Field High - Robotics Center (East)	\$8,500,000		\$8,500,000		\$8,500,000		
		2029	Unity Reed High School	Unity Reed High - Robotics Center (West)	\$8,500,000		\$8,500,000		\$8,500,000		
		2031	Dale City Elementary School	Dale City Elementary - Addition / Renovation (15-classrooms)	\$50,099,000		\$50,099,000		\$51,750,000	295	
Total - New Construction				\$173,999,000		\$173,999,000		\$456,394,000	2,656		
Major Renovations	Major Renovation	2028	Graham Park Middle School	Graham Park Middle - Renovation					\$40,500,000		
		2028	Fred M. Lynn Middle School	Fred M. Lynn Middle - Renovation	\$60,600,000		\$60,600,000		\$79,100,000		
		2029	Brentsville District High School	Brentsville District High - Renovation	\$87,594,000		\$87,594,000		\$91,993,000		
		2029	Vaughan Elementary School	Vaughan Elementary - Renovation	\$72,100,000		\$72,100,000		\$74,600,000		
		2029	Woodbridge Middle School	Woodbridge Middle - Renovation	\$69,649,000		\$69,649,000		\$72,493,000		
		2032	Hampton Middle School	Hampton Middle - Renovation	\$75,000,000		\$75,000,000	\$10,000,000	\$85,000,000		
	Total - Major Renovations				\$364,943,000		\$364,943,000	\$10,000,000	\$443,686,000		
Facility Modifications	Exterior Upgrade	2027	Gainesville High School	Running Track Replacement		\$1,250,000	\$1,250,000		\$1,250,000		
	Interior Upgrade	2027	Osborn Park High School	Interior Modifications/ General Education Classrooms Construction	\$2,000,000		\$2,000,000		\$2,000,000		
		2028	New Dominion Transportation Center	Interior Modifications		\$480,000	\$480,000		\$480,000		
		2028	Woodbridge High School	Interior Modifications	\$6,000,000		\$6,000,000		\$6,000,000		
		2029	Gar-Field High School	Interior Modifications	\$6,000,000		\$6,000,000		\$6,000,000		
			Kelly Leadership Center	Interior Modifications		\$500,000	\$500,000		\$500,000		
	Kitchen	2028	Coles Elementary School	Kitchen Upgrades	\$2,000,000		\$2,000,000		\$2,000,000		
		2028	Neabasco Elementary School	Kitchen Upgrades	\$2,000,000		\$2,000,000		\$2,000,000		
	Minor Project	2027	Gar-Field High School	Greenhouse	\$1,500,000		\$1,500,000		\$2,200,000		
		2027	Gar-Field High School	Health Clinic - Modular		\$2,500,000	\$2,500,000		\$2,500,000		
	Minor Renovation	2027	Forest Park High School	Gym Floor Replacement	\$555,000		\$555,000		\$555,000		
		2027	Potomac High School	Baseball Press Box Replacement	\$1,500,000		\$1,500,000		\$1,500,000		
		2028	Rippon Middle School	FACS Classrooms - Renovation	\$425,000		\$425,000		\$425,000		
		2028	Woodbridge High School	Baseball Press-Box / Concession Building / Softball Storage Building	\$3,000,000		\$3,000,000		\$3,000,000		
		2031	Independent Hill Complex -- Bldg 3 & 4	IHC Building 3 & 4 - Elevator / Accessibility	\$4,000,000		\$4,000,000		\$4,000,000		
			Divisionwide	CTE Classrooms - Renovation		\$2,500,000	\$2,500,000		\$3,000,000		
		Divisionwide	Security Apartment Renovations		\$750,000	\$750,000		\$900,000			
	Site Improvement	2027	Yorkshire Elementary School	Parking Lot Expansion	\$1,500,000		\$1,500,000		\$1,500,000		
	Total - Facility Modifications				\$30,480,000	\$7,980,000	\$38,460,000		\$39,810,000		
	Artificial Turf and Track	Equipment Replacement	2027	Gainesville Middle School	MS Turf - PWC Agreement	\$1,000,000		\$1,000,000		\$1,000,000	
2028			Lake Ridge Middle School	MS Turf - PWC Agreement	\$1,010,000		\$1,010,000		\$1,010,000		
2029			Potomac High School	Artificial Turf Replacement	\$1,500,000		\$1,500,000		\$1,500,000		
2029			Woodbridge Middle School	MS Turf - PWC Agreement	\$1,020,000		\$1,020,000		\$1,020,000		
2030			Graham Park Middle School	MS Turf - PWC Agreement	\$500,000		\$500,000		\$500,000		
Minor Project		2029	Divisionwide	New Practice Turf Fields - HS locations	\$18,000,000		\$18,000,000		\$24,000,000		
Total - Artificial Turf & Track Replacements				\$23,030,000		\$23,030,000		\$29,030,000			
School Maintenance and Repair			Various Facilities (TBD based on existing conditions)	Asphalt		\$36,910,000	\$36,910,000		\$39,870,000		
				Electrical	\$4,500,000	\$1,400,000	\$5,900,000		\$5,900,000		
				Electronic Systems		\$3,349,750	\$3,349,750		\$3,349,750		
				Energy Infrastructure		\$5,000,000	\$5,000,000		\$10,000,000		
				Environmental		\$8,535,000	\$8,535,000		\$10,195,000		
				Equipment Repair		\$375,000	\$375,000		\$375,000		
				Equipment Replacement	\$1,700,000	\$19,500,000	\$21,200,000		\$22,431,000		
				Exterior Upgrade		\$2,410,000	\$2,410,000		\$2,610,000		
				Fenestration	\$11,163,000	\$500,000	\$11,663,000		\$12,013,000		
				HVAC	\$121,840,000	\$57,092,500	\$178,932,500		\$194,813,000		
				Interior Upgrade	\$4,600,000	\$2,770,000	\$7,370,000		\$11,500,000		
				Kitchen		\$750,000	\$750,000		\$900,000		
				Maintenance		\$31,600,000	\$31,600,000		\$36,780,000		
				Minor Project		\$3,000,000	\$3,000,000		\$3,000,000		
				Minor Renovation		\$23,365,000	\$23,365,000		\$23,365,000		
				MS4		\$5,434,000	\$5,434,000		\$8,634,000		
				Plumbing	\$3,000,000	\$3,247,000	\$6,247,000		\$6,607,000		
				Portable classroom		\$5,075,000	\$5,075,000		\$8,075,000		
				Roof Replacement and Repair	\$24,552,000	\$1,400,000	\$25,952,000		\$26,152,000		
				Security	\$124,000	\$2,200,000	\$2,324,000		\$2,449,000		
				Site Improvement		\$4,400,000	\$4,400,000		\$4,800,000		
				Sustainability	\$51,410,000	\$12,638,000	\$64,048,000		\$64,048,000		
				Table IX		\$375,000	\$375,000		\$2,015,000		
				Repair		\$3,386,965	\$3,386,965		\$3,386,965		
				Total - School Maintenance and Repair				\$222,889,000	\$234,713,215	\$457,602,215	
Financial	Construction Fund		Divisionwide	Positions		\$21,094,000	\$21,094,000		\$21,094,000		
	Total - Financial					\$21,094,000	\$21,094,000		\$21,094,000		
	FY 2027 - 31 Capital Improvement Program Total				\$815,341,000	\$263,787,215	\$1,079,128,215	\$10,000,000	\$1,493,282,715	2,656	

PRINCE WILLIAM COUNTY PUBLIC SCHOOLS

Appendix A

FY 2027-2031 Project Profiles

Individual project-level profiles for each capital project, covering project scope, scale, funding plan, and programmed expenditures.

SECTION

New Facilities

Project profiles for newly constructed schools and support facilities

BRENTSVILLE TURF MANAGEMENT

New Facility

Project 553T | Brentsville District | 29.0-acre site

CONSTRUCTION



A focused investment to create a Turf Management program educational facility.

ESTIMATED PROJECT COST

\$7.61M

Current CIP estimate

TARGET COMPLETION

AUG 2026

Estimated completion date,

NEW CAPACITY

TBD

Student seats

NEW CLASSROOMS

3

New classrooms

NEW BUILDING AREA

5,581

Building area

GENERAL CONTRACTOR

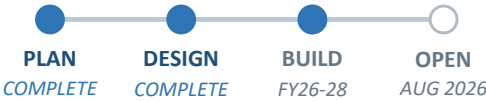
Alta Vista Consultants, LLC

Existing facility

PROJECT PURPOSE

WHAT	New stand-alone turf-management program facility, including classroom, lab, and workshop
WHY	Provide educational space for award-winning program in turf management
PHASE	Construction

DELIVERY ROADMAP



FUNDING PLAN

Funding type	Prior	FY27	FY28	FY29	FY30	FY31	Total
BOND	\$4.87	-	-	-	-	-	\$4.87
CASH	\$2.74	-	-	-	-	-	\$2.74
PROFFER	-	-	-	-	-	-	-
TOTAL	\$7.61	-	-	-	-	-	\$7.61

PROGRAMMED EXPENDITURES

Expenditure type	Prior	FY27	FY28	FY29	FY30	FY31	Total
Site Acquisition / Land	-	-	-	-	-	-	-
Planning / design	\$0.37	\$0.02	-	-	-	-	\$0.39
Construction	\$4.62	\$2.60	-	-	-	-	\$7.22
TOTAL	\$4.99	\$2.62	-	-	-	-	\$7.61

COST RECONCILIATION

Estimated cost \$7.61M | Programmed expenditures \$7.61M | Difference \$0.00M

GLOBAL WELCOME CENTER - MANASSAS

New Facility

Project 362L | Gainesville District | 15.0-acre site

CONSTRUCTION



A community-focused project to help families who are new to the County and country register their students for school.

ESTIMATED PROJECT COST

\$16.9M

Current CIP estimate

TARGET COMPLETION

DEC 2026

Estimated completion date

NEW CAPACITY

n/a

Student seats

NEW CLASSROOMS

30 (offices)

New classrooms

NEW BUILDING AREA

17,131

Building area

GENERAL CONTRACTOR

Winmar Construction, Inc.

Existing facility

PROJECT PURPOSE

WHAT

New facility for the intake of English-language learners, located on the Sinclair Elementary School site

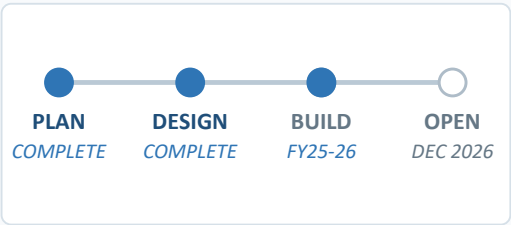
WHY

Centralize registration and assessment point for non-English speaking students and families

PHASE

Construction

DELIVERY ROADMAP



FUNDING PLAN

Funding type	Prior	FY27	FY28	FY29	FY30	FY31	Total
BOND	\$7.50	\$9.36	-	-	-	-	\$16.86
CASH	-	-	-	-	-	-	-
PROFFER	-	-	-	-	-	-	-
TOTAL	\$7.50	\$9.36	-	-	-	-	\$16.86

PROGRAMMED EXPENDITURES

Expenditure type	Prior	FY27	FY28	FY29	FY30	FY31	Total
Site Acquisition / Land	-	-	-	-	-	-	-
Planning / design	\$1.05	\$0.08	-	-	-	-	\$1.12
Construction	\$6.41	\$9.00	\$0.32	-	-	-	\$15.73
TOTAL	\$7.46	\$9.08	\$0.32	-	-	-	\$16.86

COST RECONCILIATION

Estimated cost \$16.86M | Programmed expenditures \$16.86M | Difference \$0.00M

OCCOQUAN ELEMENTARY SCHOOL

Replacement

CONSTRUCTION

Project 326H | Occoquan District | 10.6-acre site



A focused investment to replace the existing Occoquan Elementary School on the same site.

ESTIMATED PROJECT COST

\$80.3M

Current CIP estimate

TARGET COMPLETION

AUG 2026

Estimated completion date

NEW CAPACITY

719

Student seats

NEW CLASSROOMS

44

New classrooms

NEW BUILDING AREA

119,710

Building area

GENERAL CONTRACTOR

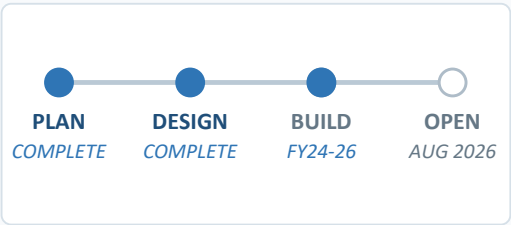
Hess Construction Company, LLC

Existing facility

PROJECT PURPOSE

WHAT	Net-zero school to replace the existing Occoquan Elementary School, increasing available capacity by 226 student seats
WHY	Replace the oldest school (1927) in the division with energy efficient state-of-the art school
PHASE	Construction

DELIVERY ROADMAP



FUNDING PLAN

Funding type	Prior	FY27	FY28	FY29	FY30	FY31	Total
BOND	\$72.72	-	-	-	-	-	\$72.72
CASH	\$7.63	-	-	-	-	-	\$7.63
PROFFER	-	-	-	-	-	-	-
TOTAL	\$80.34	-	-	-	-	-	\$80.34

PROGRAMMED EXPENDITURES

Expenditure type	Prior	FY27	FY28	FY29	FY30	FY31	Total
Site Acquisition / Land	-	-	-	-	-	-	-
Planning / design	\$5.59	-	-	-	-	-	\$5.59
Construction	\$59.35	\$15.40	-	-	-	-	\$74.75
TOTAL	\$64.94	\$15.40	-	-	-	-	\$80.34

COST RECONCILIATION Estimated cost \$80.34M | Programmed expenditures \$80.34M | Difference \$0.00M

POTOMAC SHORES AREA ELEMENTARY

New Facility

CONSTRUCTION

Project 314A | Potomac District | 6.0-acre site



An investment to construct a new elementary school to relieve nearby elementary school overcrowding.

ESTIMATED PROJECT COST

\$68.5M

Current CIP estimate

TARGET COMPLETION

AUG 2027

Estimated completion date

NEW CAPACITY

1,050

Student seats

NEW CLASSROOMS

52

New classrooms

NEW BUILDING AREA

153,486

Building area

GENERAL CONTRACTOR

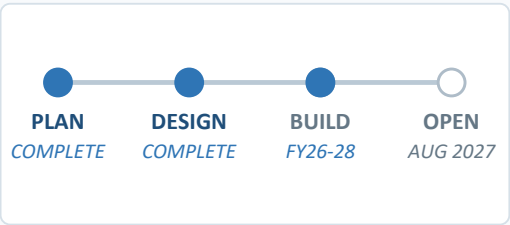
Hess Construction Company, LLC

Existing facility

PROJECT PURPOSE

WHAT	New elementary school facility
WHY	Reduce significant overcrowding in area elementary schools and reduce reliance on portable classrooms
PHASE	Construction

DELIVERY ROADMAP



FUNDING PLAN

Funding type	Prior	FY27	FY28	FY29	FY30	FY31	Total ¹	Site Acquisition / Land
BOND	\$56.64	-	-	-	-	-	\$56.28	\$0.36
CASH	\$8.25	-	-	-	-	-	\$8.25	-
PROFFER	\$7.26	-	-	-	-	-	\$0.31	\$3.24
TOTAL	\$72.14	-	-	-	-	-	\$68.54	\$3.60

PROGRAMMED EXPENDITURES

Expenditure type	Prior	FY27	FY28	FY29	FY30	FY31	Total ¹	Site Acquisition / Land
Site Acquisition / Land	\$3.57	\$0.03	-	-	-	-	-	\$3.60
Planning / Design	\$3.73	\$1.50	-	-	-	-	\$5.23	-
Construction	\$19.28	\$40.40	\$3.63	-	-	-	\$63.31	-
TOTAL	\$26.58	\$41.93	\$3.63	-	-	-	\$68.54	\$3.60

COST RECONCILIATION Estimated cost \$68.54M | Programmed expenditures \$68.54M | Difference \$0.00M

¹ Total does not include site acquisition / land expenses, which are external to project costs.
Dollar amounts shown in millions | Figures may not sum to total due to rounding | Target completion dates updated as of June 30, 2026 | Estimated project cost may differ from the approved CIP amount due to variances arising from the actual bid award. Any remaining budget balance is transferred to reserves and may be allocated to other approved capital projects.

PROJECT 315E

WOODBIDGE ELEMENTARY SCHOOL

New Facility

Project 305A | Woodbridge District | 10.3-acre site

CONSTRUCTION



A project to construct an elementary school in the northern Route 1 area to provide targeted elementary school overcrowding relief.

ESTIMATED PROJECT COST

\$59.9M

Current CIP estimate

TARGET COMPLETION

AUG 2026

Estimated completion date

NEW CAPACITY

632

Student seats

NEW CLASSROOMS

43

New classrooms

NEW BUILDING AREA

129,903

Building area

GENERAL CONTRACTOR

V.F. Pavone Construction Company

Existing facility

PROJECT PURPOSE

WHAT

New elementary school

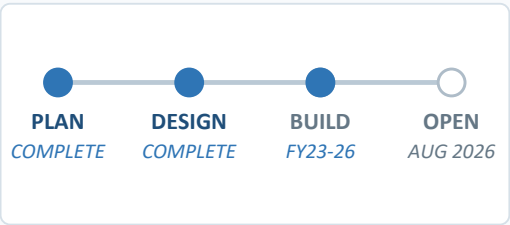
WHY

To provide overcrowding relief for area elementary schools and reduce reliance on portable classrooms

PHASE

Construction

DELIVERY ROADMAP



FUNDING PLAN

Funding type	Prior	FY27	FY28	FY29	FY30	FY31	Total ¹	Site Acquisition / Land
BOND	\$54.18	-	-	-	-	-	\$54.10	\$0.08
CASH	\$8.01	-	-	-	-	-	\$5.51	\$2.50
PROFFER	\$7.72	-	-	-	-	-	\$0.31	\$7.41
TOTAL	\$69.92	-	-	-	-	-	\$59.93	\$9.99

PROGRAMMED EXPENDITURES

Expenditure type	Prior	FY27	FY28	FY29	FY30	FY31	Total ¹	Site Acquisition / Land
Site Acquisition / Land	\$7.56	-	-	-	-	-	-	\$7.56
Planning / Design	\$3.32	-	-	-	-	-	\$3.32	-
Construction	\$51.43	\$5.17	-	-	-	-	\$56.60	-
TOTAL	\$62.31	\$5.17	-	-	-	-	\$59.93	\$7.56

COST RECONCILIATION

Estimated cost \$59.93M | Programmed expenditures \$59.93M | Difference \$0.00M

¹ Total does not include site acquisition / land expenses, which are external to project costs.
Dollar amounts shown in millions | Figures may not sum to total due to rounding | Target completion dates updated as of June 30, 2026 | Estimated project cost may differ from the approved CIP amount due to variances arising from the actual bid award. Any remaining budget balance is transferred to reserves and may be allocated to other approved capital projects.

PROJECT 315E

SECTION

Additions to Existing Facilities

Project profiles for classroom additions and related renovations

DALE CITY ELEMENTARY SCHOOL

Addition / Renovation

PLANNING + DESIGN

Project 361J | Neabsco District | 14.8-acre site



A focused investment to add fifteen classrooms and renovate learning and support spaces.

ESTIMATED PROJECT COST

\$51.8M

Current CIP estimate

TARGET COMPLETION

AUG 2031

Estimated completion date

ADDITIONAL CAPACITY

295

Student seats

CLASSROOM ADDITION

15

New classrooms

ADDITIONAL AREA

36,150

Building area

YEAR OPENED

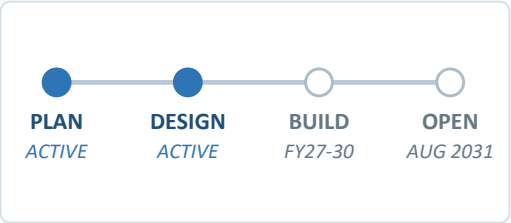
1967

Existing facility

PROJECT PURPOSE

WHAT	Fifteen-classroom addition
WHY	Add classroom and support spaces and reduce reliance on portable classrooms
PHASE	Planning + design

DELIVERY ROADMAP



FUNDING PLAN

Funding type	Prior	FY27	FY28	FY29	FY30	FY31	Total
BOND	-	\$2.55	\$2.35	\$22.30	\$22.10	\$0.80	\$50.10
CASH	-	-	-	-	-	-	-
PROFFER	\$1.65	-	-	-	-	-	\$1.65
TOTAL	\$1.65	\$2.55	\$2.35	\$22.30	\$22.10	\$0.80	\$51.75

PROGRAMMED EXPENDITURES

Expenditure type	Prior	FY27	FY28	FY29	FY30	FY31	Total
Site Acquisition / Land	-	-	-	-	-	-	-
Planning / Design	\$1.16	\$1.33	\$0.44	\$0.44	\$0.44	-	\$3.79
Construction	-	\$6.20	\$17.16	\$12.30	\$12.30	-	\$47.96
TOTAL	\$1.16	\$7.53	\$17.60	\$12.74	\$12.74	-	\$51.75

COST RECONCILIATION	Estimated cost \$51.75M Programmed expenditures \$51.75M Difference \$0.00M
---------------------	---

GAR-FIELD HIGH SCHOOL - ROBOTICS

Addition

PLANNING + DESIGN

Project 569-01 | Neabsco District | 91.5-acre site



A project to construct a Robotics Center addition to offer this new program of studies to students.

ESTIMATED PROJECT COST

\$8.5M

Current CIP estimate

TARGET COMPLETION

AUG 2029

Estimated completion date

ADDITIONAL CAPACITY

TBD

Student seats

CLASSROOM ADDITION

TBD

New classrooms

ADDITIONAL AREA

TBD

Building area

YEAR OPENED

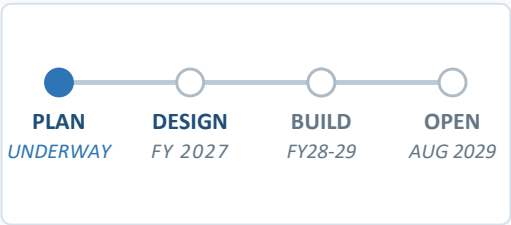
1972

Existing facility

PROJECT PURPOSE

WHAT	Facility addition to provide dedicated Robotics teaching spaces. Exact scope and scale to be determined.
WHY	Provide educational space for this new program
PHASE	Planning + Design

DELIVERY ROADMAP



FUNDING PLAN

Funding type	Prior	FY27	FY28	FY29	FY30	FY31	Total
BOND	-	-	\$1.00	\$7.50	-	-	\$8.50
CASH	-	-	-	-	-	-	-
PROFFER	-	-	-	-	-	-	-
TOTAL	-	-	\$1.00	\$7.50	-	-	\$8.50

PROGRAMMED EXPENDITURES

Expenditure type	Prior	FY27	FY28	FY29	FY30	FY31	Total
Site Acquisition / Land	-	-	-	-	-	-	-
Planning / design	\$0.00	\$0.25	\$0.15	\$0.15	-	-	\$0.55
Construction	-	\$0.25	\$3.85	\$3.85	-	-	\$7.95
TOTAL	\$0.00	\$0.50	\$4.00	\$4.00	-	-	\$8.50

COST RECONCILIATION Estimated cost \$8.50M | Programmed expenditures \$8.50M | Difference \$0.00M

MARSTELLER MIDDLE SCHOOL

Addition / HVAC Replacement

Project 421E | Brentsville District | 36.4-acre site

CONSTRUCTION



A focused investment to add ten classrooms and replace the school’s HVAC system with geothermal.

ESTIMATED PROJECT COST

\$58.4M

Current CIP estimate

TARGET COMPLETION

JUNE 2028

Estimated completion date

ADDITIONAL CAPACITY

210

Student seats

CLASSROOM ADDITION

10

New classrooms

ADDITIONAL AREA

24,916

Building area

YEAR OPENED

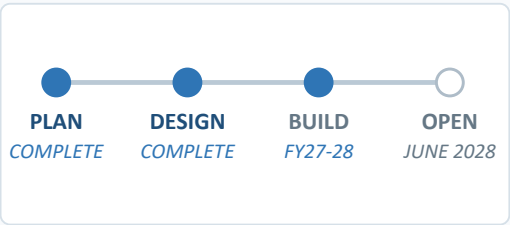
2002

Existing facility

PROJECT PURPOSE

WHAT	Ten-classroom addition and replacement of the existing HVAC system
WHY	Add classroom and support spaces, reduce reliance on portable classrooms and provide reliable space conditioning utilizing efficient geothermal technology
PHASE	Construction

DELIVERY ROADMAP



FUNDING PLAN

Funding type	Prior	FY27	FY28	FY29	FY30	FY31	Total
BOND	\$0.27	\$17.10	\$33.35	\$1.30	-	-	\$52.02
CASH	\$3.03	-	-	-	-	-	\$3.03
PROFFER	\$3.30	-	-	-	-	-	\$3.30
TOTAL	\$6.60	\$17.10	\$33.35	\$1.30	-	-	\$58.35

PROGRAMMED EXPENDITURES

Expenditure type	Prior	FY27	FY28	FY29	FY30	FY31	Total
Site Acquisition / Land	-	-	-	-	-	-	-
Planning / design	\$1.24	\$0.21	\$0.21	\$0.10	-	-	\$1.75
Construction	\$0.03	\$8.00	\$25.00	\$23.56	--	-	\$56.59
TOTAL	\$1.27	\$8.21	\$25.21	\$23.66	-	-	\$58.35

COST RECONCILIATION	Estimated cost \$58.35M Programmed expenditures \$58.35M Difference \$0.00M
---------------------	---

THE NOKESVILLE SCHOOL

Addition

Project 315E | Brentsville District | 48.2-acre site

CONSTRUCTION



A focused investment to add ten classrooms to house elementary students. Classrooms to be built to middle school specifications.

ESTIMATED PROJECT COST

\$25.0M

Current CIP estimate

TARGET COMPLETION

AUG 2027

Estimated completion date

ADDITIONAL CAPACITY

243

Student seats

CLASSROOM ADDITION

10

New classrooms

ADDITIONAL AREA

28,000

Building area

YEAR OPENED

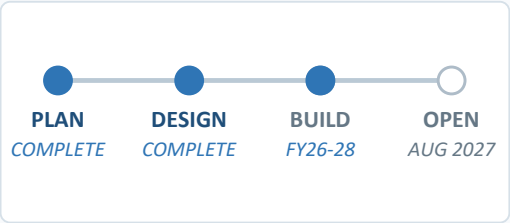
2014

Existing facility

PROJECT PURPOSE

WHAT	Ten-classroom addition
WHY	Add classroom and support spaces, reduce reliance on existing existing portable classrooms
PHASE	Construction

DELIVERY ROADMAP



FUNDING PLAN

Funding type	Prior	FY27	FY28	FY29	FY30	FY31	Total
BOND	\$15.50	\$3.47	-	-	-	-	\$18.97
CASH	-	-	-	-	-	-	-
PROFFER	\$6.00	-	-	-	-	-	\$6.00
TOTAL	\$21.50	\$3.47	-	-	-	-	\$24.97

PROGRAMMED EXPENDITURES

Expenditure type	Prior	FY27	FY28	FY29	FY30	FY31	Total
Site Acquisition / Land	-	-	-	-	-	-	-
Planning / Design	\$1.71	\$0.34	-	-	-	-	\$2.04
Construction	\$8.24	\$13.00	\$1.68	-	-	-	\$22.92
TOTAL	\$9.95	\$13.34	\$1.68	-	-	-	\$24.97

COST RECONCILIATION	Estimated cost \$24.97M Programmed expenditures \$24.97M Difference \$0.00M
---------------------	---

PENNINGTON TRADITIONAL SCHOOL

Addition

Project 340F | City of Manassas | 15.0-acre site

CONSTRUCTION



A focused investment to add ten classrooms to help support existing student population and provide adequate program space.

ESTIMATED PROJECT COST

\$34.0M

Current CIP estimate

TARGET COMPLETION

JUNE 2029

Estimated completion date

ADDITIONAL CAPACITY

0

Student seats

CLASSROOM ADDITION

10

New classrooms

ADDITIONAL AREA

43,500

Building area

YEAR OPENED

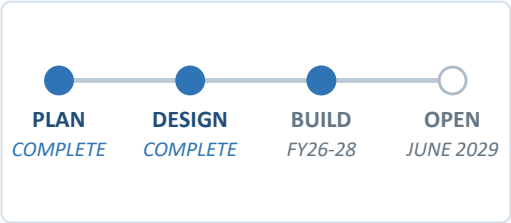
1969

Existing facility

PROJECT PURPOSE

WHAT	Ten-classroom addition
WHY	Add classroom and support spaces to help support the elementary and middle school portions of the school and provide adequate space for current students
PHASE	Construction

DELIVERY ROADMAP



FUNDING PLAN

Funding type	Prior	FY27	FY28	FY29	FY30	FY31	Total
BOND	\$9.53	\$13.00	\$1.47	-	-	-	\$24.00
CASH	-	-	-	-	-	-	-
PROFFER	\$10.00	-	-	-	-	-	\$10.00
TOTAL	\$19.53	\$13.00	\$1.47	-	-	-	\$34.00

PROGRAMMED EXPENDITURES

Expenditure type	Prior	FY27	FY28	FY29	FY30	FY31	Total
Site Acquisition / Land	-	-	-	-	-	-	-
Planning / design	\$1.50	\$0.16	\$0.16	\$0.16	-	-	\$1.98
Construction	\$0.07	\$10.50	\$13.50	\$7.95	-	-	\$32.02
TOTAL	\$1.57	\$10.66	\$13.66	\$8.11	-	-	\$34.00

COST RECONCILIATION	Estimated cost \$34.00M Programmed expenditures \$34.00M Difference \$0.00M
---------------------	---

UNITY REED HIGH SCHOOL - ROBOTICS

Addition

PLANNING + DESIGN

Project 5685 | Brentsville District | 56.6-acre site



A project to construct a Robotics Center addition to offer this new program of studies to students.

ESTIMATED PROJECT COST

\$8.5M

Current CIP estimate

TARGET COMPLETION

AUG 2029

Estimated completion date

ADDITIONAL CAPACITY

TBD

Student seats

CLASSROOM ADDITION

TBD

New classrooms

ADDITIONAL AREA

TBD

Building area

YEAR OPENED

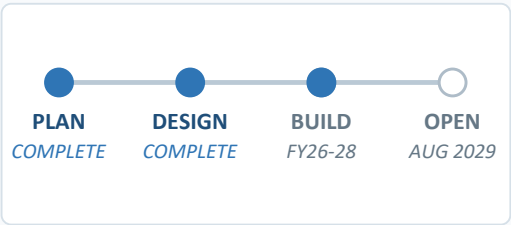
1973

Existing facility

PROJECT PURPOSE

WHAT	Two-classroom addition to provide dedicated Robotics teaching spaces
WHY	Provide educational space for this new program
PHASE	Planning + Design

DELIVERY ROADMAP



FUNDING PLAN

Funding type	Prior	FY27	FY28	FY29	FY30	FY31	Total
BOND	-	-	\$1.00	\$7.50	-	-	\$8.50
CASH	-	-	-	-	-	-	-
PROFFER	-	-	-	-	-	-	-
TOTAL	-	-	\$1.00	\$7.50	-	-	\$8.50

PROGRAMMED EXPENDITURES

Expenditure type	Prior	FY27	FY28	FY29	FY30	FY31	Total
Site Acquisition / Land	-	-	-	-	-	-	-
Planning / design	-	\$0.25	\$0.15	\$0.15	-	-	\$0.55
Construction	-	\$0.25	\$3.85	\$3.85	-	-	\$7.95
TOTAL	-	\$0.50	\$4.00	\$4.00	-	-	\$8.50

COST RECONCILIATION Estimated cost \$8.50M | Programmed expenditures \$8.50M | Difference \$0.00M

WASHINGTON-REID PRE-K CENTER

Addition / Minor Renovation

CONSTRUCTION

Project 341E | Potomac District | 9.2-acre site



An investment to add fifteen classrooms to house a Pre-K Center.

ESTIMATED PROJECT COST

\$33.2M

Current CIP estimate

TARGET COMPLETION

AUG 2027

Estimated completion date

ADDITIONAL CAPACITY

--

Student seats

CLASSROOM ADDITION

15

New classrooms

ADDITIONAL AREA

30,000

Building area

YEAR OPENED

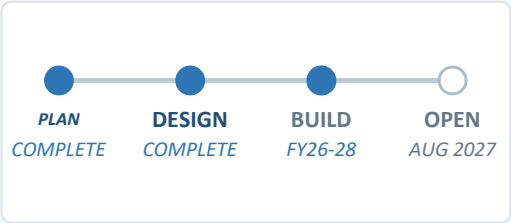
1951

Existing facility

PROJECT PURPOSE

WHAT	Fifteen-classroom addition
WHY	Add classroom and support spaces to facilitate the creation of a new Pre-K Center
PHASE	Construction

DELIVERY ROADMAP



FUNDING PLAN

Funding type	Prior	FY27	FY28	FY29	FY30	FY31	Total
BOND	\$10.74	\$21.62	\$0.80	-	-	-	\$33.16
CASH	-	-	-	-	-	-	-
PROFFER	-	-	-	-	-	-	-
TOTAL	\$10.74	\$21.62	\$0.80	-	-	-	\$33.16

PROGRAMMED EXPENDITURES

Expenditure type	Prior	FY27	FY28	FY29	FY30	FY31	Total
Site Acquisition / Land	-	-	-	-	-	-	-
Planning / design	\$1.92	\$0.06	\$0.01	-	-	-	\$1.99
Construction	\$16.14	\$14.50	\$0.53	-	-	-	\$31.17
TOTAL	\$18.06	\$14.56	\$0.54	-	-	-	\$33.16

COST RECONCILIATION Estimated cost \$33.16M | Programmed expenditures \$33.16M | Difference \$0.00M

SECTION

Major Renovations to Existing Facilities



Project profiles for major renovations of existing school facilities

BRENTSVILLE DISTRICT HIGH SCHOOL

Renovation

Project 553R | Brentsville District | 29.0-acre site

CONSTRUCTION



A focused investment to renovate Brentsville District High School.

ESTIMATED PROJECT COST

\$73.1M

Current CIP estimate

TARGET COMPLETION

AUG 2029

Estimated completion date

YEAR OPENED

1965

Existing facility

BUDGET UTILIZATION RATE –FY26

76.1%

(Encumbrances + Expenditures) / Total Project Budget

EXISTING SQUARE FOOTAGE

163,066

Building area

CAPACITY

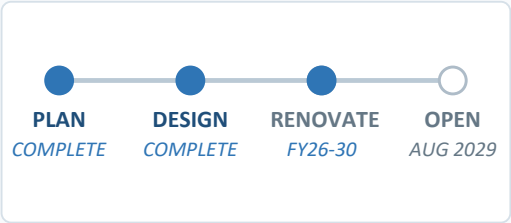
1,078

Student seats

PROJECT PURPOSE

WHAT	Major Renovation
WHY	Renovate classroom and support spaces
PHASE	Construction

DELIVERY ROADMAP



FUNDING PLAN

Funding type	Prior	FY27	FY28	FY29	FY30	FY31	Total
BOND	\$2.24	\$15.00	\$36.00	\$16.51	-	-	\$69.75
CASH	\$3.36	-	-	-	-	-	\$3.36
PROFFER	-	-	-	-	-	-	-
TOTAL	\$5.61	\$15.00	\$36.00	\$16.51	-	-	\$73.11

PROGRAMMED EXPENDITURES

Expenditure type	Prior	FY27	FY28	FY29	FY30	FY31	Total
Site Acquisition / Land	-	-	-	-	-	-	-
Planning / Design	\$3.27	\$0.27	\$0.27	\$0.27	\$0.10	-	\$4.16
Construction	\$0.16	\$24.00	\$27.01	\$13.88	\$3.90	-	\$68.95
TOTAL	\$3.43	\$24.27	\$27.28	\$14.14	\$4.00	-	\$73.11

COST RECONCILIATION

Estimated cost \$73.11M | Programmed expenditures \$73.11M | Difference \$0.00M

FRED M. LYNN MIDDLE SCHOOL

Renovation

Project 452R | Woodbridge District | 28.6-acre site

CONSTRUCTION



A project to renovate Fred M. Lynn Middle School.

ESTIMATED PROJECT COST

\$69.8M

Current CIP estimate

TARGET COMPLETION

AUG 2028

Estimated completion date

YEAR OPENED

1963

Existing facility

BUDGET UTILIZATION RATE –FY26

85.8%

(Encumbrances + Expenditures) / Total Project Budget

EXISTING SQUARE FOOTAGE

131,974

Building area

CAPACITY

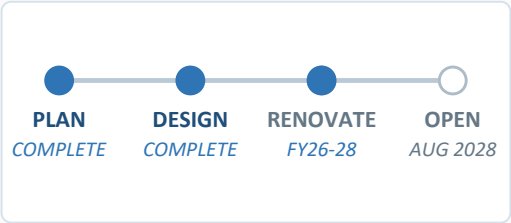
1,170

Student seats

PROJECT PURPOSE

WHAT	Major Renovation
WHY	Renovate classroom and support spaces
PHASE	Construction

DELIVERY ROADMAP



FUNDING PLAN

Funding type	Prior	FY27	FY28	FY29	FY30	FY31	Total
BOND	\$19.24	\$28.20	\$21.70	\$0.70	-	-	\$69.83
CASH	-	-	-	-	-	-	-
PROFFER	-	-	-	-	-	-	-
TOTAL	\$19.24	\$28.20	\$21.70	\$0.70	-	-	\$69.83

PROGRAMMED EXPENDITURES

Expenditure type	Prior	FY27	FY28	FY29	FY30	FY31	Total
Site Acquisition / Land	-	-	-	-	-	-	-
Planning / Design	\$4.29	\$0.30	\$0.30	\$0.08	-	-	\$4.97
Construction	\$8.49	\$30.50	\$22.00	\$3.88	-	-	\$64.87
TOTAL	\$12.78	\$30.80	\$22.30	\$3.96	-	-	\$69.83

COST RECONCILIATION	Estimated cost \$69.83M Programmed expenditures \$69.83M Difference \$0.00M
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GRAHAM PARK MIDDLE SCHOOL

Renovation

Project 451P | Potomac District | 21.9-acre site

CONSTRUCTION



A focused investment to renovate Graham Park Middle School.

ESTIMATED PROJECT COST

\$39.6M

Current CIP estimate

TARGET COMPLETION

AUG 2028

Estimated completion date

YEAR OPENED

1963

Existing facility

BUDGET UTILIZATION RATE –FY26

81.5%

(Encumbrances + Expenditures) / Total Project Budget

EXISTING SQUARE FOOTAGE

110,514

Building area

CAPACITY

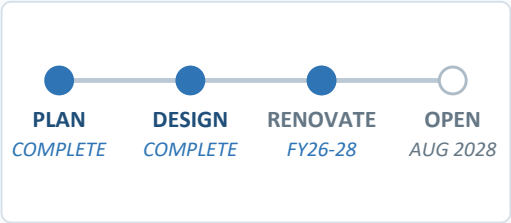
868

Student seats

PROJECT PURPOSE

WHAT	Major Renovation
WHY	Renovate classroom and support spaces
PHASE	Construction

DELIVERY ROADMAP



FUNDING PLAN

Funding type	Prior	FY27	FY28	FY29	FY30	FY31	Total
BOND	\$28.16	-	-	-	-	-	\$28.16
CASH	\$11.44	-	-	-	-	-	\$11.44
PROFFER	-	-	-	-	-	-	-
TOTAL	\$39.60	-	-	-	-	-	\$39.60

PROGRAMMED EXPENDITURES

Expenditure type	Prior	FY27	FY28	FY29	FY30	FY31	Total
Site Acquisition / Land	-	-	-	-	-	-	-
Planning / Design	\$1.51	\$0.23	\$0.23	-	-	-	\$1.97
Construction	\$14.39	\$16.00	\$7.24	-	-	-	\$37.63
TOTAL	\$15.90	\$16.23	\$7.47	-	-	-	\$39.60

COST RECONCILIATION	Estimated cost \$39.60M Programmed expenditures \$39.60M Difference \$0.00M
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HAMPTON MIDDLE SCHOOL

Renovation

Project 464- | Neabsco District | 30.0-acre site

PLANNING



A project to renovate George M. Hampton Middle School.

ESTIMATED PROJECT COST

\$85.0M

Current CIP estimate

TARGET COMPLETION

AUG 2032

Estimated completion date

YEAR OPENED

1970

Existing facility

BUDGET UTILIZATION RATE –FY26

0.0%

(Encumbrances + Expenditures) / Total Project Budget

EXISTING SQUARE FOOTAGE

124,610

Building area

CAPACITY

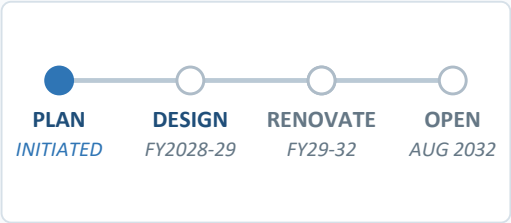
1,009

Student seats

PROJECT PURPOSE

WHAT	Major Renovation
WHY	Renovate classrooms and support spaces, replacing HVAC system
PHASE	Planning

DELIVERY ROADMAP



FUNDING PLAN

Funding type	Prior	FY27	FY28	FY29	FY30	FY31	Future	Total
BOND	-	-	-	\$8.50	\$33.25	\$33.25	\$10.00	\$85.00
CASH	-	-	-	-	-	-	-	-
PROFFER	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	\$85.00

PROGRAMMED EXPENDITURES

Expenditure type	Prior	FY27	FY28	FY29	FY30	FY31	Future	Total
Site Acquisition / Land	-	-	-	-	-	-	-	-
Planning / Design	-	-	-	\$4.45	\$0.85	\$0.85	\$0.85	\$7.00
Construction	-	-	-	-	\$29.00	\$29.00	20.00	\$78.00
TOTAL	-	-	-	\$4.45	\$29.85	\$29.85	\$20.85	\$85.00

COST RECONCILIATION	Estimated cost \$85.00M Programmed expenditures \$85.00M Difference \$0.00M
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TRANSPORTATION – BRENTSVILLE CENTER

Renovation

CONSTRUCTION

Project 702B | Brentsville District | 20.0-acre site



A project to renovate Brentsville Transportation Center.

ESTIMATED PROJECT COST

\$5.8M

Current CIP estimate

TARGET COMPLETION

AUG 2026

Estimated completion date

YEAR OPENED

1979

Existing facility

BUDGET UTILIZATION RATE –FY26

92.0%

(Encumbrances + Expenditures) / Total Project Budget

EXISTING SQUARE FOOTAGE

28,028

Building area

CAPACITY

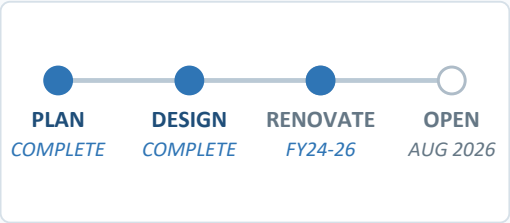
n/a

Student seats

PROJECT PURPOSE

WHAT	Major Renovation
WHY	Renovate support spaces
PHASE	Construction

DELIVERY ROADMAP



FUNDING PLAN

Funding type	Prior	FY27	FY28	FY29	FY30	FY31	Total
BOND	\$4.71	-	-	-	-	-	\$4.71
CASH	\$1.09	-	-	-	-	-	\$1.09
PROFFER	-	-	-	-	-	-	-
TOTAL	\$5.80	-	-	-	-	-	\$5.80

PROGRAMMED EXPENDITURES

Expenditure type	Prior	FY27	FY28	FY29	FY30	FY31	Total
Site Acquisition / Land	-	-	-	-	-	-	-
Planning / Design	\$0.44	-	-	-	-	-	\$0.44
Construction	\$4.84	\$0.52	-	-	-	-	\$5.35
TOTAL	\$5.28	\$0.52	-	-	-	-	\$5.80

COST RECONCILIATION

Estimated cost \$5.80M | Programmed expenditures \$5.80M | Difference \$0.00M

TRANSPORTATION – POTOMAC CENTER

Renovation

Project 704B | Potomac District | 16.8-acre site

CONSTRUCTION



A project to renovate the Potomac Transportation Center.

ESTIMATED PROJECT COST

\$2.8M

Current CIP estimate

TARGET COMPLETION

AUG 2026

Estimated completion date

YEAR OPENED

2002

Existing facility

BUDGET UTILIZATION RATE –FY26

87.4%

(Encumbrances + Expenditures) / Total Project Budget

EXISTING SQUARE FOOTAGE

14,565

Building area

CAPACITY

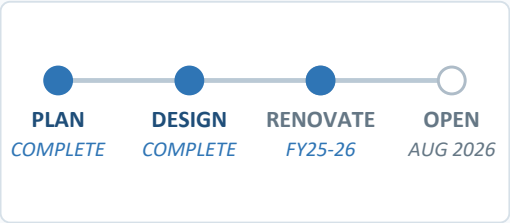
n/a

Student seats

PROJECT PURPOSE

WHAT	Major Renovation
WHY	Renovate support spaces
PHASE	Construction

DELIVERY ROADMAP



FUNDING PLAN

Funding type	Prior	FY27	FY28	FY29	FY30	FY31	Total
BOND	\$2.78	-	-	-	-	-	\$2.78
CASH	-	-	-	-	-	-	-
PROFFER	-	-	-	-	-	-	-
TOTAL	\$2.78	-	-	-	-	-	\$2.78

PROGRAMMED EXPENDITURES

Expenditure type	Prior	FY27	FY28	FY29	FY30	FY31	Total
Site Acquisition / Land	-	-	-	-	-	-	-
Planning / Design	\$0.49	-	-	-	-	-	\$0.49
Construction	\$1.87	\$0.43	-	-	-	-	\$2.30
TOTAL	\$2.35	\$0.43	-	-	-	-	\$2.78

COST RECONCILIATION Estimated cost \$2.78M | Programmed expenditures \$2.78M | Difference \$0.00M

Vaughan Elementary School

Renovation

Project 358E | Woodbridge District | 13.6-acre site

CONSTRUCTION



A focused investment to provide a major renovation Vaughan Elementary School.

ESTIMATED PROJECT COST

\$65.3M

Current CIP estimate

TARGET COMPLETION

AUG 2029

Estimated completion date

YEAR OPENED

1964

Existing facility

BUDGET UTILIZATION RATE –FY26

87.2%

(Encumbrances + Expenditures) / Total Project Budget

EXISTING SQUARE FOOTAGE

58,967

Building area

CAPACITY

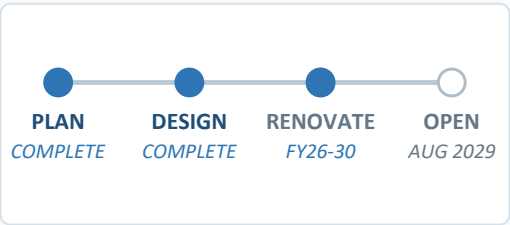
588

Student seats

PROJECT PURPOSE

WHAT	Major Renovation, Increasing square footage of school by 32,227, or 54.7%
WHY	Renovate classrooms and support spaces
PHASE	Construction

DELIVERY ROADMAP



FUNDING PLAN

Funding type	Prior	FY27	FY28	FY29	FY30	FY31	Total
BOND	\$2.19	\$37.00	\$25.55	-	-	-	\$64.73
CASH	\$0.52	-	-	-	-	-	\$0.52
PROFFER	-	-	-	-	-	-	-
TOTAL	\$2.70	\$37.00	\$25.55	-	-	-	\$65.25

PROGRAMMED EXPENDITURES

Expenditure type	Prior	FY27	FY28	FY29	FY30	FY31	Total
Site Acquisition / Land	-	-	-	-	-	-	-
Planning / Design	\$2.49	\$0.21	\$0.21	\$0.28	-	-	\$3.19
Construction	\$6.67	\$23.00	\$22.00	\$10.39	-	-	\$62.07
TOTAL	\$9.16	\$23.21	\$22.21	\$10.67	-	-	\$65.25

COST RECONCILIATION	Estimated cost \$65.25M Programmed expenditures \$65.25M Difference \$0.00M
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WOODBIDGE MIDDLE SCHOOL

Renovation

Project 456S | Woodbridge District | 37.4-acre site

CONSTRUCTION



A project to renovate Woodbridge Middle School.

ESTIMATED PROJECT COST

\$63.4M

Current CIP estimate

TARGET COMPLETION

AUG 2029

Estimated completion date

YEAR OPENED

1964

Existing facility

BUDGET UTILIZATION RATE –FY26

81.4%

(Encumbrances + Expenditures) / Total Project Budget

EXISTING SQUARE FOOTAGE

124,511

Building area

CAPACITY

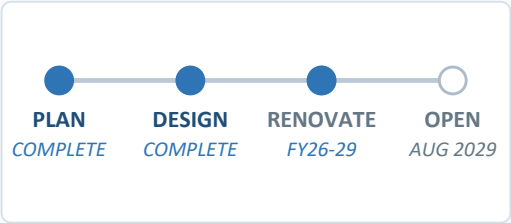
1,123

Student seats

PROJECT PURPOSE

WHAT	Major Renovation
WHY	Renovate classrooms and support spaces
PHASE	Construction

DELIVERY ROADMAP



FUNDING PLAN

Funding type	Prior	FY27	FY28	FY29	FY30	FY31	Total
BOND	\$2.36	\$24.86	\$33.24	\$0.78	-	-	\$61.23
CASH	\$2.14	-	-	-	-	-	\$2.14
PROFFER	-	-	-	-	-	-	-
TOTAL	\$4.50	\$24.86	\$33.24	\$0.78	-	-	\$63.37

PROGRAMMED EXPENDITURES

Expenditure type	Prior	FY27	FY28	FY29	FY30	FY31	Total
Site Acquisition / Land	-	-	-	-	-	-	-
Planning / Design	\$2.50	\$0.25	\$0.25	\$0.25	-	-	\$3.25
Construction	\$0.03	\$21.00	\$20.00	\$15.00	\$4.09	-	\$60.12
TOTAL	\$3.43	\$24.27	\$27.28	\$14.14	\$4.00	-	\$63.37

COST RECONCILIATION	Estimated cost \$63.37M Programmed expenditures \$63.37M Difference \$0.00M
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PRINCE WILLIAM COUNTY PUBLIC SCHOOLS

Appendix B

Student Enrollment & Housing Data

Current and projected student enrollment data, capacity analysis and graphical analyses of various aspects of facility usage.

Student Enrollment Projections

Data-driven Support for Capital Improvement Strategic Planning

Capital improvement planning is a dynamic and continuous process, essential for addressing the evolving system-wide capacity needs, driven by both current and anticipated student enrollment trends. As the educational landscape shifts—marked by changes in individual facility conditions, programmatic adjustments, and fluctuations in student population figures, too must our priorities adapt to ensure alignment with these variables.

As of September 30, 2025, Prince William County Public Schools (PWCS) reported a student enrollment count of **89,731**, reflecting a decrease of **978 students** (or **-1.1%**) compared to the previous year. The distribution of this change across different school levels is as follows:

- Elementary School: A decrease of 372 students (or -1.0%)
- Middle School: An increase of 169 students (or 0.8%)
- High School: A decrease of 562 students (or -2.0%)
- Other School Types: A decrease of 213 students (or -7.1%)

These enrollment figures are not mere statistics; they form the baseline of the student enrollment projections that support this CIP and are pivotal in guiding a multitude of planning and decision-making processes, particularly in operational and capital budgeting. Accurate predictions of future student enrollment are critical for long-range strategic planning, budget allocation, staffing requirements, and the anticipation of future infrastructure and capital needs to accommodate PWCS students.

While most enrollment projections share common characteristics—such as being extrapolations of historical data, leveraging the industry standard grade-progression ratio method, incorporating subject matter expertise, and acknowledging the inherent limitations of predicting the future—it is crucial to continuously scrutinize and refine our forecasting methodologies to enhance their precision.

Recent Redesign of Projection Model

In fall of 2023, two consulting firms, both experienced in calculating K-12 student enrollment projections, contributed valuable insights to the redesigning of the model utilized by PWCS to project student enrollment. Notably, one of these firms previously audited PWCS's student enrollment projection methods in 2019. Recommendations from both firms led to several enhancements in PWCS's projection methods. Firstly, the prior model, which was built upon a modified, housing-unit method, has been replaced with one built upon the grade-progression-ratio method, the industry standard.

Secondly, the number of out years projected has been adjusted, reducing the forecast period from 10 years to five years for elementary and middle schools, and to seven years for high schools. This change is motivated by the acknowledgment that projecting beyond five years for elementary students introduces heightened variability and potential errors because of the absence of historical birth records needed to project kindergarten cohorts beyond six years in the future. Additionally, the literature supports projections built upon the grade-progression ratio method for no more than five years in the future.

Efficiency improvements have been implemented through the adoption of cloud-based databases, GIS modeling, and coding in Python. These improvements ensure robust, repeatable, and efficient methods, particularly crucial when projecting numerous grade levels across numerous schools over a multi-year span. Additionally, historical birth data specific to each elementary school's attendance area are incorporated to refine kindergarten projections, addressing the non-uniform distribution of births across the county and improving the accuracy of projections at the school level.

The industry-standard cohort-survival method is now employed at the school level, departing from the previous top-down approach, resulting in more accurate projections. The revised bottom-up approach aligns with best practices and reduces variability inherent in smaller-scale calculations like neighborhood projections. The evaluation of projected housing units against historical construction rates also ensures that future residential development is appropriately factored into enrollment projections.

Additionally, the averaging of three years of data for student transfer rates and the control for new construction effects in grade-progression ratios contribute to smoother and more accurate projections.

The isolation of a school's net-student-transfer rate when calculating neighborhood-level projections mitigates biases introduced by previous school assignments, enhancing the accuracy of projections in response to changes in school boundaries. These enhancements reflect a commitment to continuous improvement in projection methodologies in response to evolving knowledge, technological advancements, and industry standards.

By committing to this rigorous approach of continuous improvement, we not only uphold our responsibility to current and future generations of students but also ensure the judicious use of resources in our pursuit of educational excellence and sustainability. The techniques employed to generate student enrollment projections for PWCS are elucidated in the subsequent pages, followed by detailed flow charts for clarity.

Overview of K-12 Student Enrollment Projection Methods

Projecting K-12 student enrollment using the grade-progression ratio method involves a systematic approach that utilizes historical data to forecast future enrollments. This method calculates the ratio of students advancing from one grade to the next and applies these ratios to current enrollment figures to estimate the number of students that will progress in subsequent years. A key component of this method is the birth-to-kindergarten ratio, which takes into account local birth rates and the percentage of these births that will enroll in kindergarten five years later. This ratio is particularly important as it sets the foundation for projecting enrollments in the earliest grades.

To enhance the accuracy of the projections, the model aligns the number of years of historical data with the number of years being projected forward. For instance, if the goal is to project enrollment for the next five years, then five years of past enrollment data are analyzed. This ensures consistency and leverages a comprehensive dataset for more reliable forecasts.

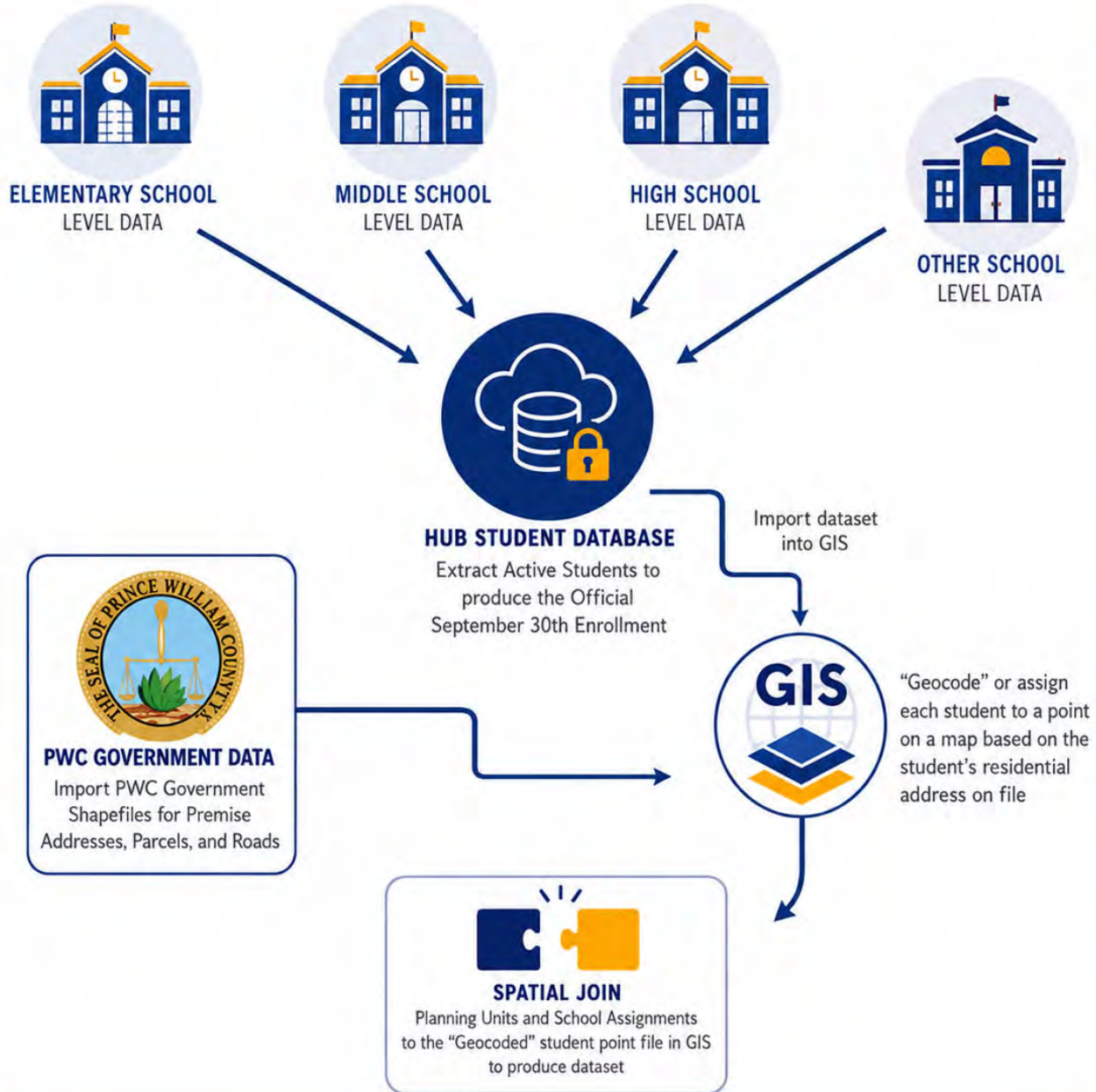
Additionally, the model incorporates student yields from future residential construction using the housing-unit method. This method estimates the number of students likely to come from new housing developments based on the types and quantities of housing units being built. By considering the potential influx of students from these new constructions, the model can provide a more complete picture of future enrollment changes.

The process is executed using a bottom-up approach, meaning that individual school projections are compiled to form the overall division's projections. Each school's projected enrollment is calculated independently, taking into account its unique grade-progression ratios, birth-to-kindergarten ratios, and expected yields from new housing. The sum of all school projections then constitutes the division-wide enrollment forecast, ensuring that local factors are adequately reflected in the broader prediction.

This meticulous method allows for a nuanced and detailed projection of student enrollment, crucial for effective planning and resource allocation in K-12 education systems. By considering historical trends, birth rates, and housing developments, the grade-progression ratio method provides a comprehensive tool for anticipating future educational needs.

The flow of data, data manipulations, and calculations are represented graphically on the next few pages.

STUDENT ENROLLMENT DATA PREPARATION



ANALYSIS OF HOUSING UNIT INFORMATION



Prince William County Planning Office
Premise Points with Housing Unit Data



Prince William County
Geographic Information System



Prince William County
Planning Office



RESIDENTIAL INFORMATION
Geodatabase in GIS

PWCS Staff converts
information into
geographic data



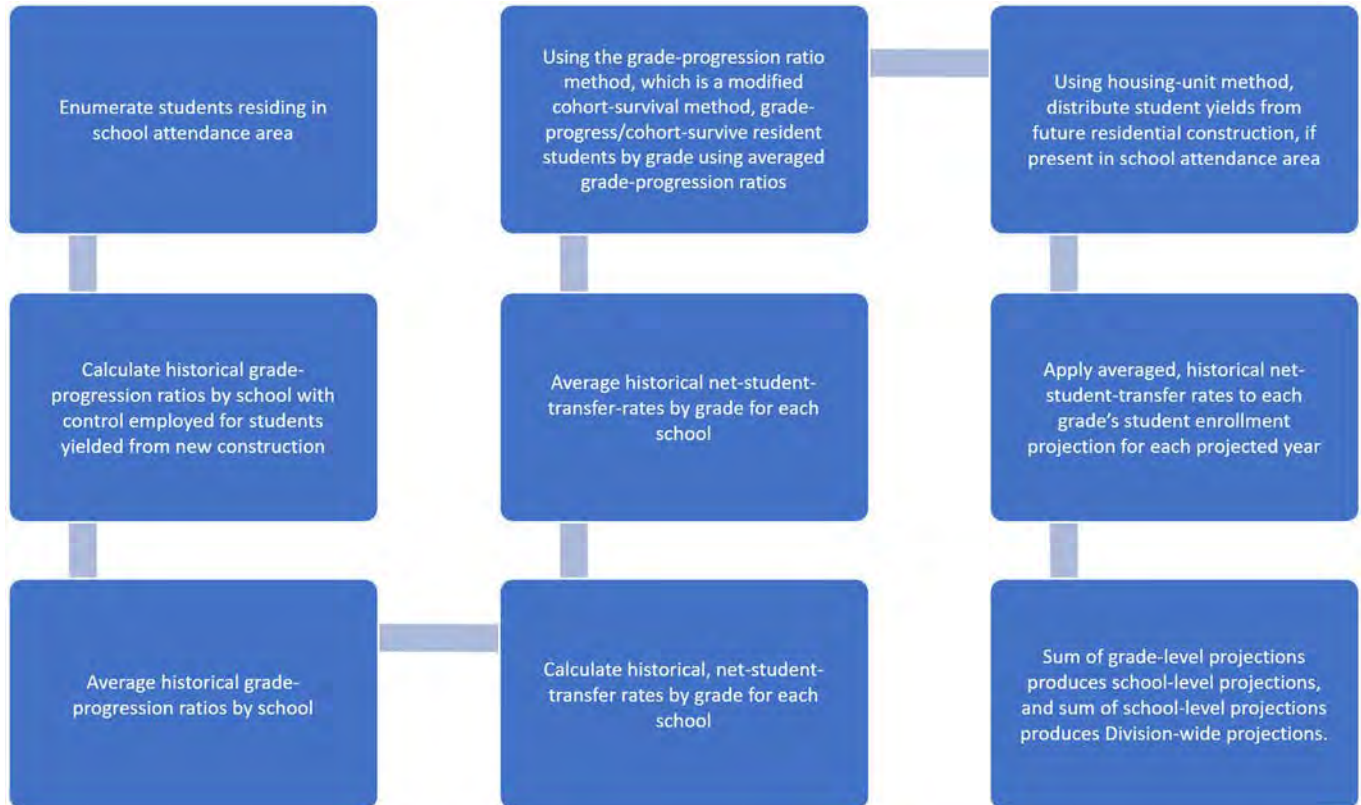
Outside data vendors provide
additional information on pace of
development (e.g., COG Housing
Forecasts, Residential Development, etc.)



Historical, current and 5-Year
Projection of Housing Units
by Unit Type and development



STUDENT ENROLLMENT FORECASTING PREPARATION



Planning Capacity and Program Capacity

Planning Capacity is a static estimate established during a school's design phase, based on standard staffing models and average program assumptions. It does not reflect future changes in student needs, instructional delivery, or the space required to support specialized services and accommodations. New school construction and building additions are initially reflected using planning capacity until staff have the opportunity to evaluate the programs and space allocations within the newly constructed areas.

In contrast, Program Capacity is dynamic and reflects the actual educational programs in place within a school. It accounts for physical space, scheduling factors, and the specific requirements of programs such as special education, gifted education, Pre-Kindergarten, K-3 Primary Class Size Reduction, Career and Technical Education (CTE), high school specialty programs, as well as English Language Learner programs. Because it incorporates these real-time programmatic and operational needs, Program Capacity provides a more accurate and practical measure of a school's usable capacity for planning and decision-making.

The 2026 enrollment capacities and projections at all three school levels utilize Program Capacity figures for CIP and boundary planning and will be updated as needed/on a routine basis.

Student Enrollment Data: Current and Projected Enrollment

Elementary Schools (Table 1 of 2)

SY 2025-26 to SY 2030-31

Elementary School	Current Enrollment				Five-Year Projected Student Enrollment											
	2025 Program Capacity ¹	Portable Classrooms	2025-26		2026 Program Capacity ²	2026-27		2027 Program Capacity ³	2027-28		2028-29		2029-30		2030-31	
			Students ⁴	Utilization		Students ⁴	Utilization		Students ⁴	Utilization	Students ⁴	Utilization	Students ⁴	Utilization		
Alvey Elementary School	809	0	493	60.9%	809	486	60.1%	809	467	57.7%	486	60.1%	492	60.8%	517	63.9%
Antietam Elementary School	779	0	705	90.5%	779	687	88.2%	779	681	87.4%	681	87.4%	673	86.4%	672	86.3%
Ashland Elementary School	873	0	737	84.4%	873	724	82.9%	873	685	78.5%	651	74.6%	644	73.8%	647	74.1%
Bel Air Elementary School	350	3	367	104.9%	350	345	98.6%	350	312	89.1%	309	88.3%	281	80.3%	284	81.1%
Belmont Elementary School	559	0	581	103.9%	559	538	96.2%	559	518	92.7%	524	93.7%	536	95.9%	582	104.1%
Bennett Elementary School	772	4	714	92.5%	772	727	94.2%	772	738	95.6%	761	98.6%	779	100.9%	813	105.3%
Bristow Run Elementary School	819	0	574	70.1%	819	557	68.0%	819	534	65.2%	526	64.2%	507	61.9%	487	59.5%
Buckland Mills Elementary School	888	0	711	80.1%	888	676	76.1%	888	668	75.2%	661	74.4%	652	73.4%	684	77.0%
Cedar Point Elementary School	811	0	515	63.5%	811	480	59.2%	811	482	59.4%	483	59.6%	489	60.3%	505	62.3%
Chris Yung Elementary School	806	0	731	90.7%	806	762	94.5%	806	776	96.3%	804	99.8%	876	108.7%	947	117.5%
Coles Elementary School	388	4	404	104.1%	388	410	105.7%	388	431	111.1%	430	110.8%	448	115.5%	461	118.8%
Covington-Harper Elementary School	800	11	1,054	131.8%	800	1,082	135.3%	800	See Redistricted Schools Table Below on Projection Data							
Dale City Elementary School	358	5	435	121.5%	358	419	117.0%	358	433	120.9%	422	117.9%	424	118.4%	427	119.3%
Dumfries Elementary School	411	5	444	108.0%	411	422	102.7%	411	See Redistricted Schools Table Below on Projection Data							
Ellis Elementary School	501	0	404	80.6%	501	421	84.0%	501	417	83.2%	406	81.0%	447	89.2%	473	94.4%
Enterprise Elementary School	348	10	409	117.5%	348	405	116.4%	348	392	112.6%	371	106.6%	364	104.6%	370	106.3%
Featherstone Elementary School	444	3	450	101.4%	444	445	100.2%	444	433	97.5%	439	98.9%	415	93.5%	401	90.3%
Fitzgerald Elementary School	753	8	892	118.5%	753	841	111.7%	753	See Redistricted Schools Table Below on Projection Data							
Glenkirk Elementary School	797	0	492	61.7%	797	466	58.5%	797	433	54.3%	418	52.4%	391	49.1%	375	47.1%
Gravelly Elementary School	900	0	801	89.0%	900	839	93.2%	900	844	93.8%	849	94.3%	852	94.7%	859	95.4%
Haymarket Elementary School	912	3	989	108.4%	912	1,045	114.6%	912	1,055	115.7%	1,043	114.4%	1,035	113.5%	1,105	121.2%
Henderson Elementary School	807	4	808	100.1%	807	792	98.1%	807	See Redistricted Schools Table Below on Projection Data							
Innovation Elementary School	727	0	589	81.0%	727	566	77.9%	727	555	76.3%	518	71.3%	516	71.0%	521	71.7%
John D. Jenkins Elementary School	693	0	647	93.4%	693	659	95.1%	693	669	96.5%	689	99.4%	729	105.2%	769	111.0%
Kerrydale Elementary School	352	1	302	85.8%	352	300	85.2%	352	301	85.5%	295	83.8%	291	82.7%	302	85.8%
Kilby Elementary School	700	0	583	83.3%	700	535	76.4%	700	See Redistricted Schools Table Below on Projection Data							
King Elementary School	429	2	462	107.7%	429	471	109.8%	429	460	107.2%	458	106.8%	466	108.6%	505	117.7%
Kyle Wilson Elementary School	840	2	839	99.9%	840	838	99.8%	840	804	95.7%	781	93.0%	772	91.9%	768	91.4%
Lake Ridge Elementary School	716	0	632	88.3%	716	616	86.0%	716	600	83.8%	602	84.1%	594	83.0%	614	85.8%
Leesylvania Elementary School	773	0	764	98.8%	773	776	100.4%	773	784	101.4%	796	103.0%	821	106.2%	831	107.5%
Loch Lomond Elementary School	445	3	458	102.9%	445	448	100.7%	445	448	100.7%	434	97.5%	425	95.5%	426	95.7%
Marshall Elementary School	694	1	635	91.5%	694	659	95.0%	694	667	96.1%	667	96.1%	672	96.8%	717	103.3%
Marumsco Hills Elementary School	519	7	524	101.0%	519	529	101.9%	519	507	97.7%	472	90.9%	461	88.8%	477	91.9%
Mary Williams Elementary School	681	2	674	99.0%	681	639	93.8%	681	See Redistricted Schools Table Below on Projection Data							
McAuliffe Elementary School	418	1	380	90.9%	418	369	88.3%	418	347	83.0%	346	82.8%	325	77.8%	308	73.7%
Minnieville Elementary School	623	1	569	91.3%	623	557	89.4%	623	522	83.8%	493	79.1%	502	80.6%	502	80.6%
Montclair Elementary School	592	2	622	105.1%	592	585	98.8%	592	598	101.0%	587	99.2%	568	95.9%	564	95.3%
Mountain View Elementary School	698	0	402	57.6%	698	397	56.9%	698	379	54.3%	375	53.7%	378	54.2%	383	54.9%
Mullen Elementary School	717	0	630	87.9%	717	621	86.6%	717	595	83.0%	565	78.8%	540	75.3%	538	75.0%
Neabasco Elementary School	663	1	617	93.1%	663	606	91.4%	663	581	87.6%	584	88.1%	550	83.0%	569	85.8%
Ocoquan Elementary School	493	5	575	116.6%	493	572	79.6%	493	560	77.9%	557	77.5%	532	74.0%	522	72.6%
Old Bridge Elementary School	553	0	512	92.6%	553	528	95.5%	553	520	94.0%	526	95.1%	508	91.9%	519	93.9%
Pattie Elementary School	632	6	775	122.6%	632	791	125.2%	632	See Redistricted Schools Table Below on Projection Data							
Penn Elementary School	728	3	757	104.0%	728	746	102.5%	728	726	99.7%	694	95.3%	685	94.1%	691	94.9%
Pennington Traditional School	402	0	407	101.2%	402	405	100.7%	402	405	100.7%	405	100.7%	405	100.7%	405	100.7%
Piney Branch Elementary School	884	0	748	84.6%	884	723	81.8%	884	703	79.5%	707	80.0%	703	79.5%	705	79.8%
Porter Traditional School	414	0	416	100.5%	414	415	100.2%	414	415	100.2%	415	100.2%	415	100.2%	415	100.2%
Potomac Shores #2 Elementary School	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1,050	See Redistricted Schools Table Below on Projection Data							
Potomac View Elementary School	550	3	563	102.4%	School is closing with the opening of Woodbridge Elementary School											
River Oaks Elementary School	603	4	662	109.8%	603	648	107.5%	603	See Redistricted Schools Table Below on Projection Data							
Rockledge Elementary School	508	1	488	96.1%	508	492	96.9%	508	509	100.2%	485	95.5%	487	95.9%	493	97.0%
Rosa Parks Elementary School	703	0	574	81.7%	703	557	79.2%	703	555	78.9%	563	80.1%	547	77.8%	561	79.8%
Signal Hill Elementary School	751	7	807	107.5%	751	802	106.8%	751	811	108.0%	825	109.9%	858	114.2%	891	118.6%
Sinclair Elementary School	651	3	651	100.0%	651	637	97.8%	651	610	93.7%	611	93.9%	605	92.9%	601	92.3%
Springwoods Elementary School	737	1	841	114.1%	737	825	111.9%	737	798	108.3%	786	106.6%	774	105.0%	813	110.3%
Sudley Elementary School	626	3	610	97.4%	626	604	96.5%	626	573	91.5%	578	92.3%	599	95.7%	623	99.5%
Swans Creek Elementary School	593	2	629	106.1%	593	616	103.9%	593	See Redistricted Schools Table Below on Projection Data							
T. Clay Wood Elementary School	900	0	700	77.8%	900	645	71.7%	900	602	66.9%	560	62.2%	538	59.8%	556	61.8%
The Nokesville School	633	9	734	116.0%	633	745	117.7%	633	759	119.9%	743	117.4%	763	120.5%	853	134.8%
Triangle Elementary School	712	2	807	113.3%	712	812	114.0%	712	See Redistricted Schools Table Below on Projection Data							
Tyler Elementary School	483	0	458	94.8%	483	449	93.0%	483	446	92.3%	448	92.8%	456	94.4%	466	96.5%
Vaughan Elementary School	588	3	578	98.3%	588	565	96.1%	588	See Redistricted Schools Table Below on Projection Data							
Victory Elementary School	857	0	621	72.5%	857	599	69.9%	857	577	67.3%	549	64.1%	505	58.9%	483	56.4%
West Gate Elementary School	527	3	484	91.8%	527	452	85.8%	527	424	80.5%	405	76.9%	381	72.3%	384	72.9%
Westridge Elementary School	649	0	608	93.7%	649	601	92.6%	649	606	93.4%	648	99.8%	633	97.5%	620	95.5%
Woodbridge Elementary School	N/A	N/A	N/A	N/A	632	619	97.9%	632	See Redistricted Schools Table Below on Projection Data							
Yorkshire Elementary School	753	7	837	111.2%	753	847	112.5%	753	866	115.0%	860	114.2%	844	112.1%	848	112.6%
Total	42,095	145	39,881	94.7%	42,403	39,435	93.0%	43,453	38,843 ⁵	89.4%	38,412 ⁵	88.4%	38,294 ⁵	88.1%	39,152 ⁵	90.1%

Student Enrollment Data: Current and Projected Enrollment

Elementary Schools (Table 2 of 2)

SY 2025-26 to SY 2030-31

Elementary School Affected by Redistricting	2025 Program Capacity ¹	Portable Classrooms	2025-26		2026 Program Capacity ²	2026-27		2027 Program Capacity ³	2027-28		2028-29		2029-30		2030-31	
			Students	Utilization		Students	Utilization		Students ⁶	Utilization	Students ⁶	Utilization	Students ⁶	Utilization	Students ⁶	Utilization
Potomac Shores #2	See Above Table for Current Enrollment Data				1,050	See Above Table for Projection Data for 2026-27 School Year		1,050	878	83.6%	853	81.2%	903	86.0%	983	93.6%
Woodbridge Elementary					631			631	617	97.8%	608	96.4%	593	94.0%	599	94.9%
Covington-Harper					800			800	784	98.0%	821	102.6%	833	104.1%	833	104.1%
Dumfries					411			411	372	90.5%	360	87.6%	374	91.0%	402	97.8%
Fitzgerald					753			753	744	98.8%	688	91.4%	669	88.8%	660	87.6%
Henderson					807			807	700	86.7%	705	87.4%	694	86.0%	685	84.9%
Kilby					700			700	721	103.0%	714	102.0%	680	97.1%	676	96.6%
Mary Williams					681			681	727	106.8%	684	100.4%	675	99.1%	674	99.0%
Pattie					632			632	585	92.6%	580	91.8%	577	91.3%	547	86.6%
River Oaks					603			603	628	104.1%	597	99.0%	589	97.7%	584	96.8%
Swans Creek					593			593	600	101.2%	598	100.8%	587	99.0%	602	101.5%
Triangle					712			712	699	98.2%	711	99.9%	714	100.3%	768	107.9%
Vaughan					588			588	616	104.8%	601	102.2%	631	107.3%	670	113.9%

Notes:

Table displays rounded figures; thus their summation may not equal the displayed total.

Schools in italics are new schools; Woodbridge Area Elementary School is scheduled to open in 2026-27 and Potomac Shores #2 is scheduled to open in 2027-28.

¹ Program capacity used to calculate a schools capacity utilization for the 2025-26 school year.

² Program capacity used to calculate a schools capacity utilization for the 2026-27 school year.

³ Program capacity used to calculate a schools capacity utilization for the 2027-28 through 2030-31.

⁴ The column reflects all kindergarten through fifth grade students, as well as all PK students.

⁵ Total represent the anticipated PK-5 student count, including students affected by redistricting shown in the table below. Totals do not align because historical net transfer rates are not applied to schools impacted by the redistricting.

⁶ The column includes all projected K-5 residing students within the new attendance areas plus anticipated approximation number of PK students from the September 30 snapshot. Historical net school transfer rates are not reflected.

Student Enrollment Data: Current and Projected Enrollment

Elementary Schools – Additional Space to be Constructed

SY 2026-27 to SY 2030-31

Elementary School	2026-27		2027-28		2028-29		2029-30		2030-31	
	Anticipated Additional Space	Capacity Utilization	Anticipated Additional Space	Capacity Utilization	Anticipated Additional Space	Capacity Utilization	Anticipated Additional Space	Capacity Utilization	Anticipated Additional Space	Capacity Utilization
2026										
Woodbridge Elementary School ¹										
Occoquan Replacement School ¹										
2027										
Elementary School (Potomac Shores Area) ¹										
The Nokesville School - Addition (10-classroom)			243		243		243		243	
Sum of Additional Seats			243		243		243		243	
Totals (when adding additional capacity)	2,968	93.0%	4,853	88.9%	5,284	87.9%	5,402	87.6%	4,544	89.6%

Note: ¹ The additional space for these schools has already been incorporated into the current and projected enrollment table; therefore, the anticipated capacity reflects the added seats at each site.

Student Enrollment Data: Current and Projected Enrollment

Middle Schools

SY 2025-26 to SY 2030-31

Middle School	Current Enrollment					Five-Year Projected Student Enrollment										
	2025 Program Capacity ¹	Portable Classrooms	2025-26			2026 Program Capacity ²	2026-27		2027-28		2028-29		2029-30		2030-31	
			Students	Space	Utilization		Students	Utilization	Students	Utilization	Students	Utilization	Students	Utilization		
Benton Middle School	1,367	0	1,371	-4	100.3%	1,367	1,335	97.7%	1,320	96.6%	1,279	93.6%	1,248	91.3%	1,206	88.2%
Beville Middle School	1,232	3	1,167	65	94.7%	1,232	1,153	93.6%	1,126	91.4%	1,189	96.5%	1,183	96.0%	1,155	93.8%
Bull Run Middle School	1,207	0	1,121	86	92.9%	1,207	1,082	89.6%	1,055	87.4%	1,043	86.4%	1,028	85.2%	988	81.9%
Fred M. Lynn Middle School	1,170	0	975	195	83.3%	1,170	983	84.0%	989	84.5%	982	83.9%	981	83.8%	938	80.2%
Gainesville Middle School	1,422	0	1,359	63	95.6%	1,422	1,320	92.8%	1,257	88.4%	1,216	85.5%	1,154	81.2%	1,101	77.4%
Graham Park Middle School	868	0	702	166	80.9%	868	724	83.4%	735	84.7%	737	84.9%	769	88.6%	729	84.0%
Hampton Middle School	1,009	3	908	101	90.0%	1,009	924	91.6%	934	92.6%	933	92.5%	922	91.4%	860	85.2%
Lake Ridge Middle School	1,540	0	1,525	15	99.0%	1,540	1,452	94.3%	1,443	93.7%	1,394	90.5%	1,380	89.6%	1,320	85.7%
Marsteller Middle School	1,184	5	1,152	32	97.3%	1,184	1,125	95.0%	1,151	97.2%	1,105	93.3%	1,041	87.9%	985	83.2%
Parkside Middle School	1,373	4	1,365	8	99.4%	1,373	1,343	97.8%	1,386	100.9%	1,402	102.1%	1,378	100.4%	1,350	98.3%
Pennington Traditional School	252	0	250	2	99.2%	252	252	100.0%	252	100.0%	252	100.0%	252	100.0%	252	100.0%
Porter Traditional School	261	0	263	-2	100.8%	261	261	100.0%	261	100.0%	261	100.0%	261	100.0%	261	100.0%
Potomac Middle School	1,418	0	978	440	69.0%	1,418	934	65.9%	924	65.2%	938	66.1%	906	63.9%	876	61.8%
Potomac Shores Middle School	1,519	0	1,304	215	85.8%	1,519	1,293	85.1%	1,258	82.8%	1,246	82.0%	1,163	76.6%	1,173	77.2%
Rippon Middle School	1,340	0	1,163	177	86.8%	1,340	1,158	86.4%	1,160	86.6%	1,158	86.4%	1,146	85.5%	1,090	81.3%
Ronald Wilson Reagan Middle School	1,311	2	1,357	-46	103.5%	1,311	1,324	101.0%	1,286	98.1%	1,311	100.0%	1,317	100.5%	1,243	94.8%
Saunders Middle School	1,187	2	1,222	-35	102.9%	1,187	1,251	105.4%	1,255	105.7%	1,220	102.8%	1,179	99.3%	1,131	95.3%
The Nokesville School	406	7	460	-54	113.3%	406	466	114.8%	463	114.0%	435	107.1%	439	108.1%	451	111.1%
Unity Braxton Middle School	1,267	0	1,067	200	84.2%	1,267	1,076	84.9%	1,126	88.9%	1,121	88.5%	1,111	87.7%	1,100	86.8%
Woodbridge Middle School	1,123	0	897	226	79.9%	1,123	894	79.6%	901	80.2%	883	78.6%	884	78.7%	821	73.1%
Total	22,456	26	20,606	1,850	91.8%	22,456	20,351	90.6%	20,283	90.3%	20,106	89.5%	19,743	87.9%	19,031	84.7%

Notes:
Table displayed on this page employs rounded figures; thus their summation may not equal the displayed total.
¹ Program capacity used to calculate a schools capacity utilization for the 2025-26 school year.
² Program capacity used to calculate a schools capacity utilization for the 2026-27 through 2030-31 school years.

Student Enrollment Data: Current and Projected Enrollment

Middle Schools - Additional Space to be Constructed

SY 2026-27 to SY 2030-31

Middle School	2026-27		2027-28		2028-29		2029-30		2030-31	
	Anticipated Additional Space	Capacity Utilization	Anticipated Additional Space	Capacity Utilization	Anticipated Additional Space	Capacity Utilization	Anticipated Additional Space	Capacity Utilization	Anticipated Additional Space	Capacity Utilization
2028										
Marsteller - Addition (10-classroom)					210		210		210	
Sum of Additional Seats					210		210		210	
Totals (when adding additional capacity)	2,105	90.6%	2,173	90.3%	2,560	88.7%	2,923	87.1%	3,635	84.0%

Student Enrollment Data: Current and Projected Enrollment

High Schools

SY 2025-26 to SY 2032-33

High School	Current Enrollment			Seven-Year Projected Student Enrollment														
	2025 Program Capacity ¹	2025-26		2026 Program Capacity ¹	2026-27		2027-28		2028-29		2029-30		2030-31		2031-32		2032-33	
		Students ²	Utilization		Students ²	Utilization	Students ²	Utilization	Students ²	Utilization	Students ²	Utilization	Students ²	Utilization	Students	Utilization	Students	Utilization
Battlefield High School	2,118	1,987	93.8%	2,118	1,871	88.3%	1,773	83.7%	1,628	76.9%	1,480	69.9%	1,376	65.0%	1,240	58.5%	1,160	54.8%
Brentsville District High School	1,078	844	78.2%	1,078	894	82.9%	870	80.7%	882	81.8%	887	82.3%	889	82.5%	904	83.9%	890	82.6%
C.D. Hylton High School	1,897	1,702	89.7%	1,897	1,691	89.1%	1,615	85.1%	1,616	85.2%	1,634	86.1%	1,650	87.0%	1,638	86.3%	1,638	86.3%
Charles J. Colgan Sr. High School	2,457	2,932	119.3%	2,457	2,962	120.6%	2,953	120.2%	2,960	120.5%	3,028	123.2%	2,973	121.0%	3,018	122.8%	2,894	117.8%
Forest Park High School	2,240	2,259	100.8%	2,240	2,316	103.4%	2,360	105.4%	2,332	104.1%	2,384	106.4%	2,425	108.3%	2,402	107.2%	2,369	105.8%
Freedom High School	2,157	2,177	100.9%	2,157	2,167	100.5%	2,167	100.5%	2,186	101.3%	2,221	103.0%	2,237	103.7%	2,217	102.8%	2,138	99.1%
Gainesville High School	2,492	2,594	104.1%	2,492	2,575	103.3%	2,598	104.3%	2,606	104.6%	2,539	101.9%	2,539	101.9%	2,495	100.1%	2,416	97.0%
Gar-Field High School	2,535	2,416	95.3%	2,535	2,360	93.1%	2,374	93.6%	2,342	92.4%	2,367	93.4%	2,468	97.4%	2,405	94.9%	2,377	93.8%
Osborn Park High School	2,391	2,517	105.3%	2,391	2,609	109.1%	2,630	110.0%	2,820	117.9%	3,048	127.5%	3,172	132.7%	3,377	141.2%	3,470	145.1%
Patriot High School	2,155	1,981	91.9%	2,155	1,912	88.7%	1,734	80.5%	1,621	75.2%	1,546	71.7%	1,433	66.5%	1,327	61.6%	1,207	56.0%
Potomac High School	2,108	2,132	101.1%	2,108	2,118	100.5%	2,135	101.3%	2,085	98.9%	2,207	104.7%	2,191	103.9%	2,199	104.3%	2,169	102.9%
Unity Reed High School	2,249	1,855	82.5%	2,249	1,771	78.7%	1,648	73.3%	1,587	70.6%	1,560	69.4%	1,525	67.8%	1,484	66.0%	1,373	61.0%
Woodbridge High School	2,709	2,878	106.2%	2,709	2,814	103.9%	2,782	102.7%	2,791	103.0%	2,789	103.0%	2,717	100.3%	2,651	97.9%	2,566	94.7%
Total	28,586	28,272	98.9%	28,586	28,059	98.2%	27,638	96.7%	27,455	96.0%	27,689	96.9%	27,594	96.5%	27,357	95.7%	26,667	93.3%

Notes:

Table displayed on this page employs rounded figures; thus, their summation may not equal the displayed total.

¹ Program capacity used to calculate a school’s capacity utilization for the 2025-26 through 2032-33 school years.

Student Enrollment Data: Current Enrollment

Preschools and Other Schools

SY 2025-26

Preschool & Other Schools	2025-26	
	Portable Classrooms	Students
Preschool Child Find		0
School-based Preschool		1,816
Washington-Reid Preschool Center	1	86
PACE West	3	68
Special Ed. Private Facility		228
Independence Nontraditional School - ED Center		66
Independence Nontraditional School - Middle		21
Independence Nontraditional School - High		325
Virtual Learning Academy		0
TJHS Regional		178
Total	4	2,788

I. Non-public middle and high school students may enroll in PWCS for one or two classes. These students are counted as 0.25 and 0.5 of a student, respectively, per Virginia State Guidelines. Such fractions of a student may affect totals because of rounding.

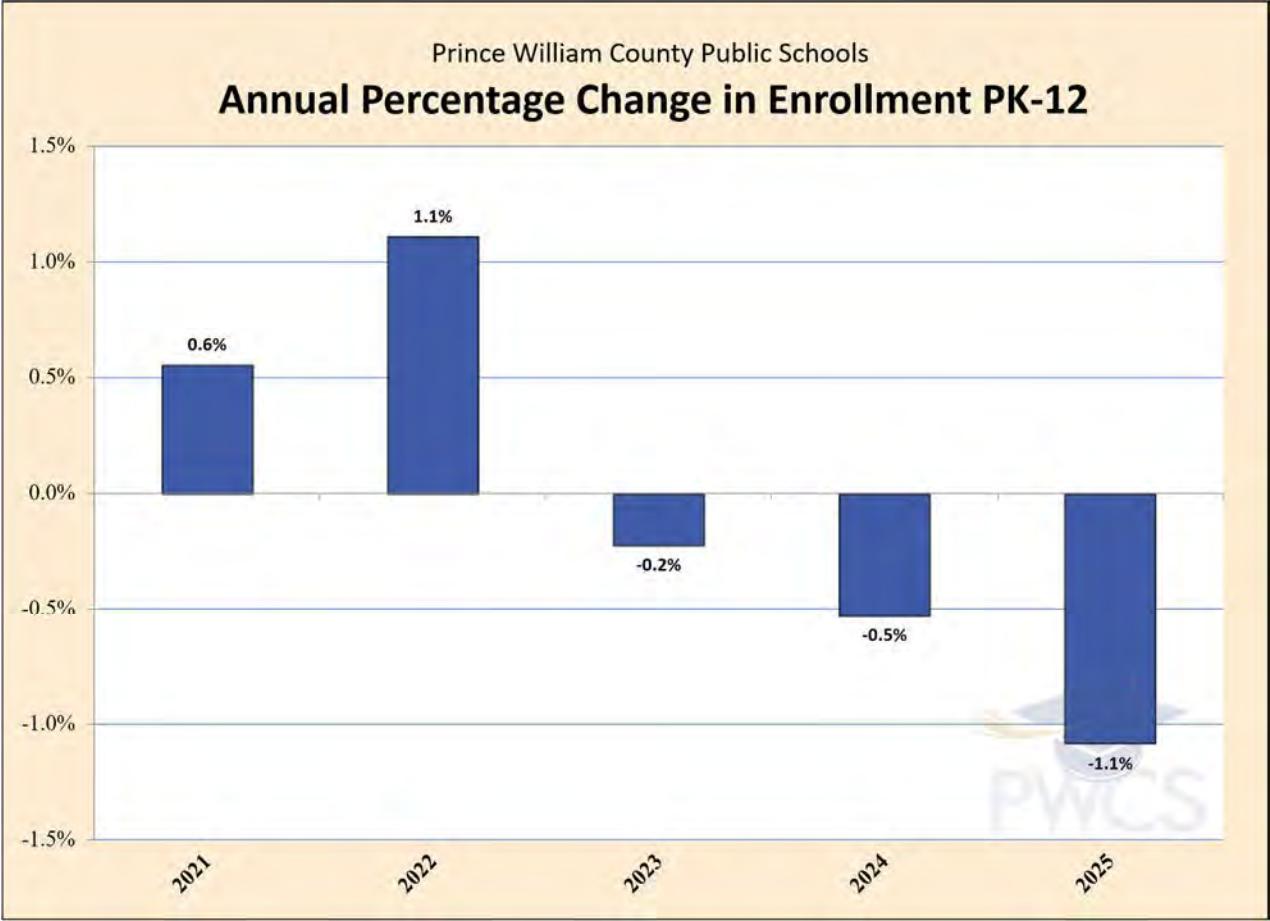
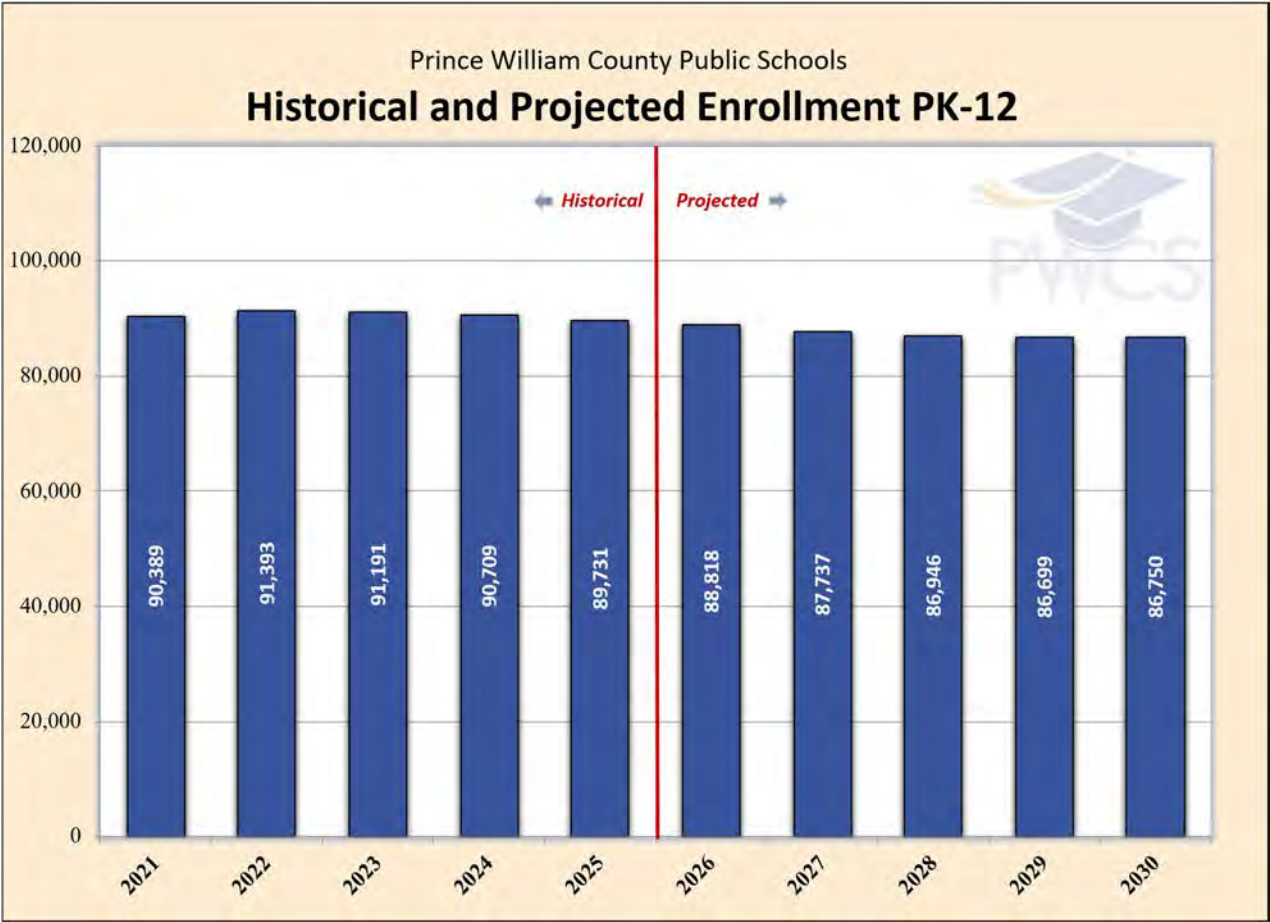
Student Enrollment Data: Historical and Projected

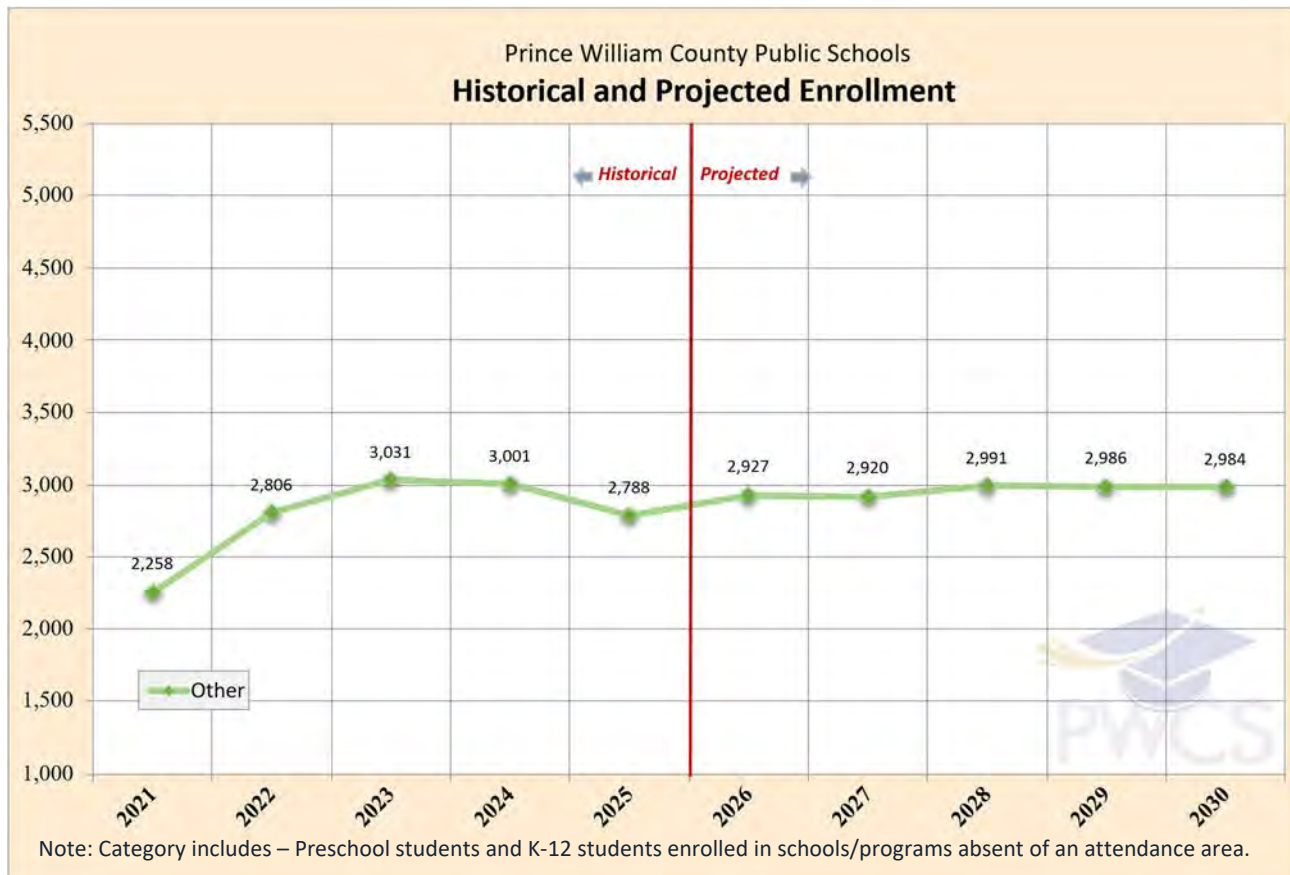
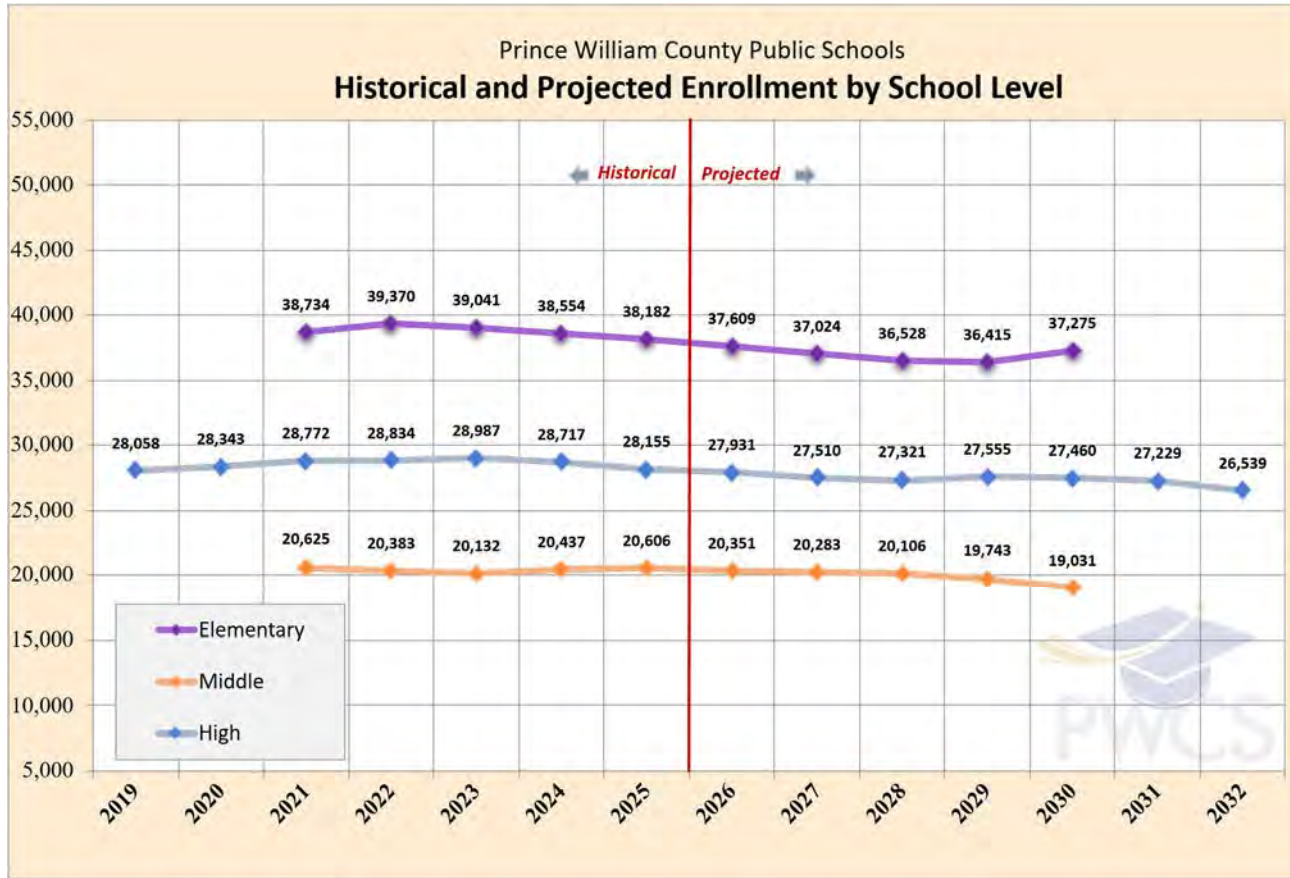
Enrollment by School Type

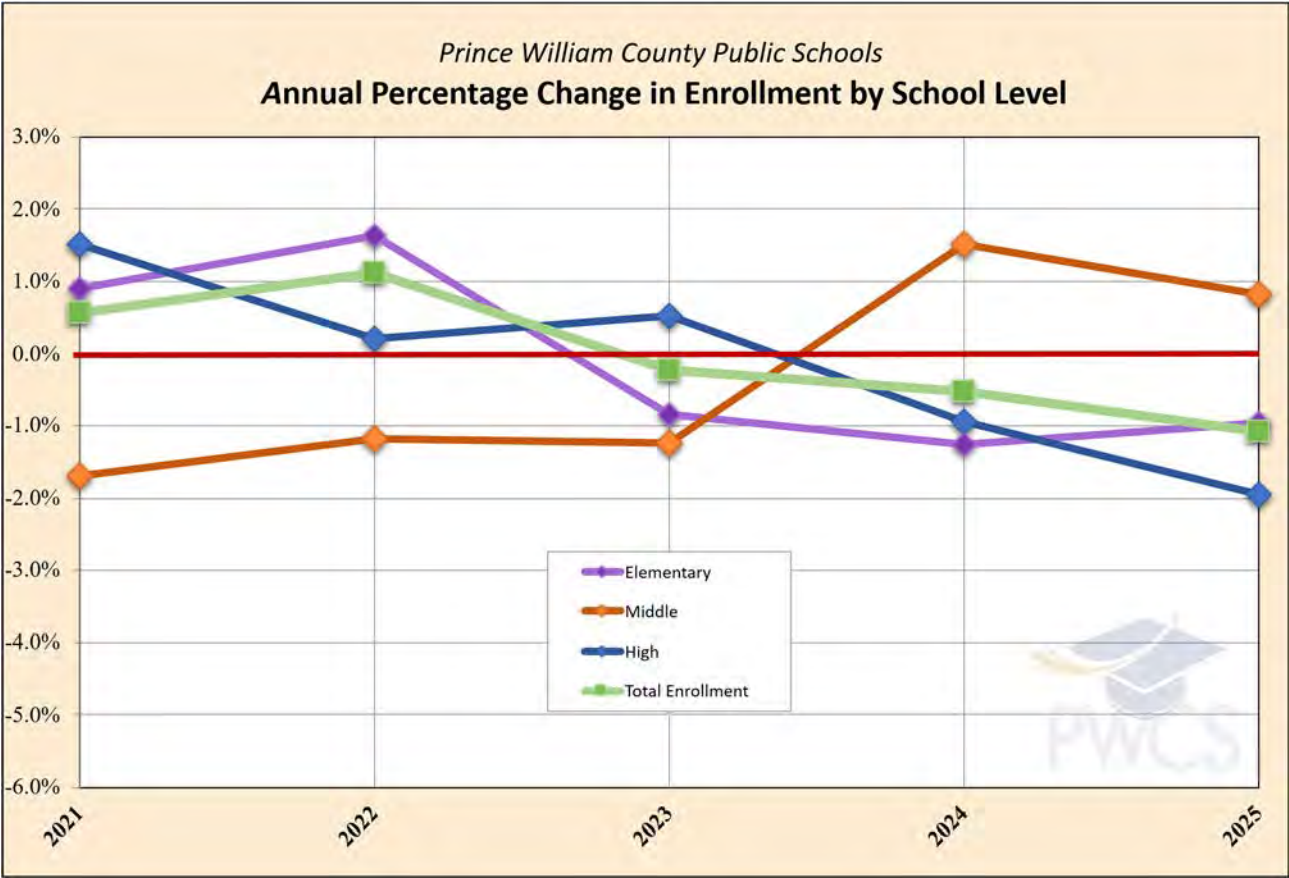
2021-2032

Year	School Type				Total	Annual Change	
	Elementary	Middle	High	Other		Number	Percentage
2021	38,734	20,625	28,772	2,258	90,389	501	0.6%
2022	39,370	20,383	28,834	2,806	91,393	1,004	1.1%
2023	39,041	20,132	28,987	3,031	91,191	-202	-0.2%
2024	38,554	20,437	28,717	3,001	90,709	-482	-0.5%
2025	38,182	20,606	28,155	2,788	89,731	-978	-1.1%
2026	37,609	20,351	27,931	2,927	88,818	-913	-1.0%
2027	37,024	20,283	27,510	2,920	87,737	-1,081	-1.2%
2028	36,528	20,106	27,321	2,991	86,946	-791	-0.9%
2029	36,415	19,743	27,555	2,986	86,699	-247	-0.3%
2030	37,275	19,031	27,460	2,984	86,750	51	0.1%
2031	Intentionally left blank. ¹		27,229	Intentionally left blank. ¹			
2032			26,539				

¹ Projections for high-school grades are extended two additional years beyond those in elementary and middle schools to better support the Capital Improvement Program.

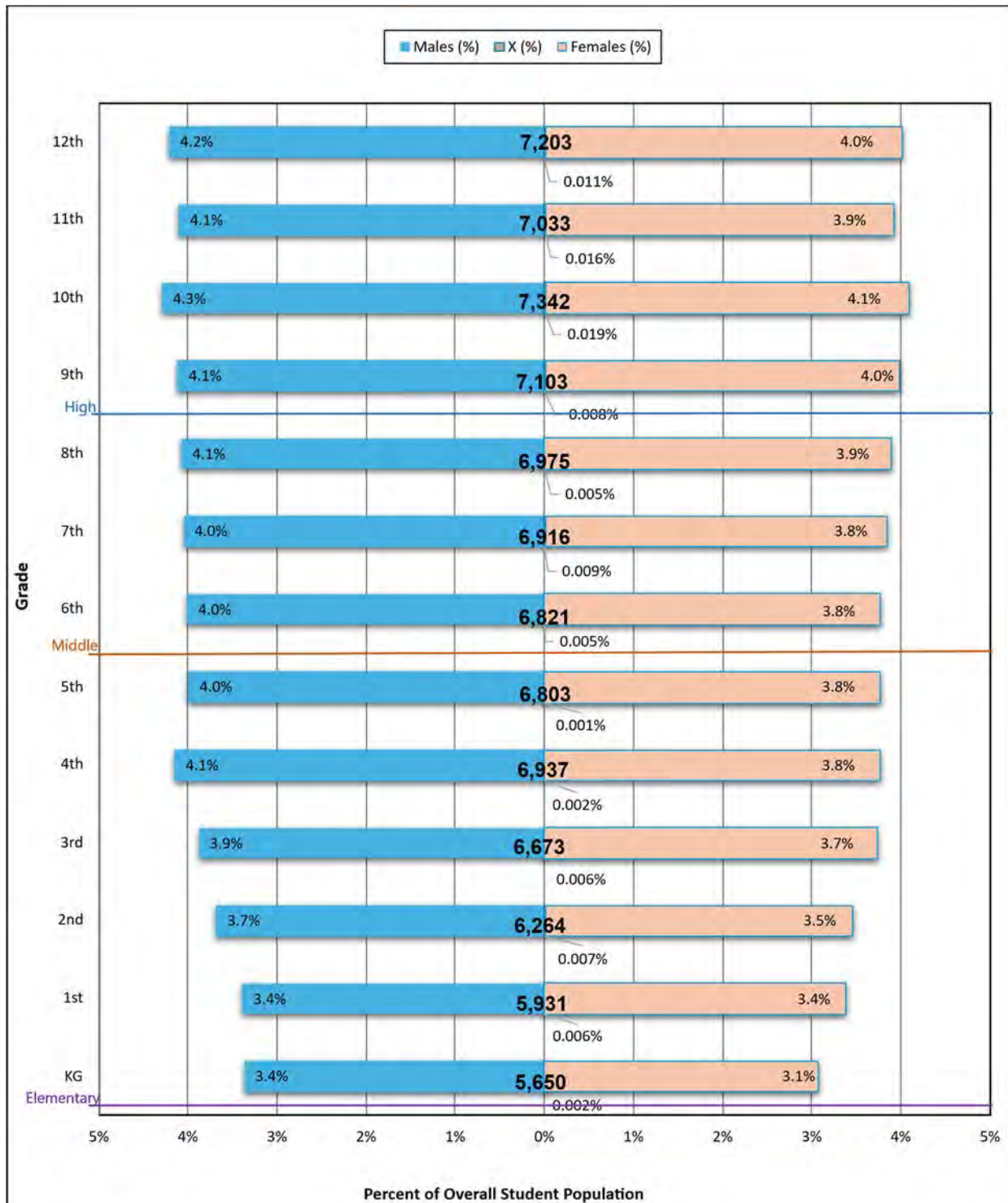






Student Enrollment by Grade and Gender

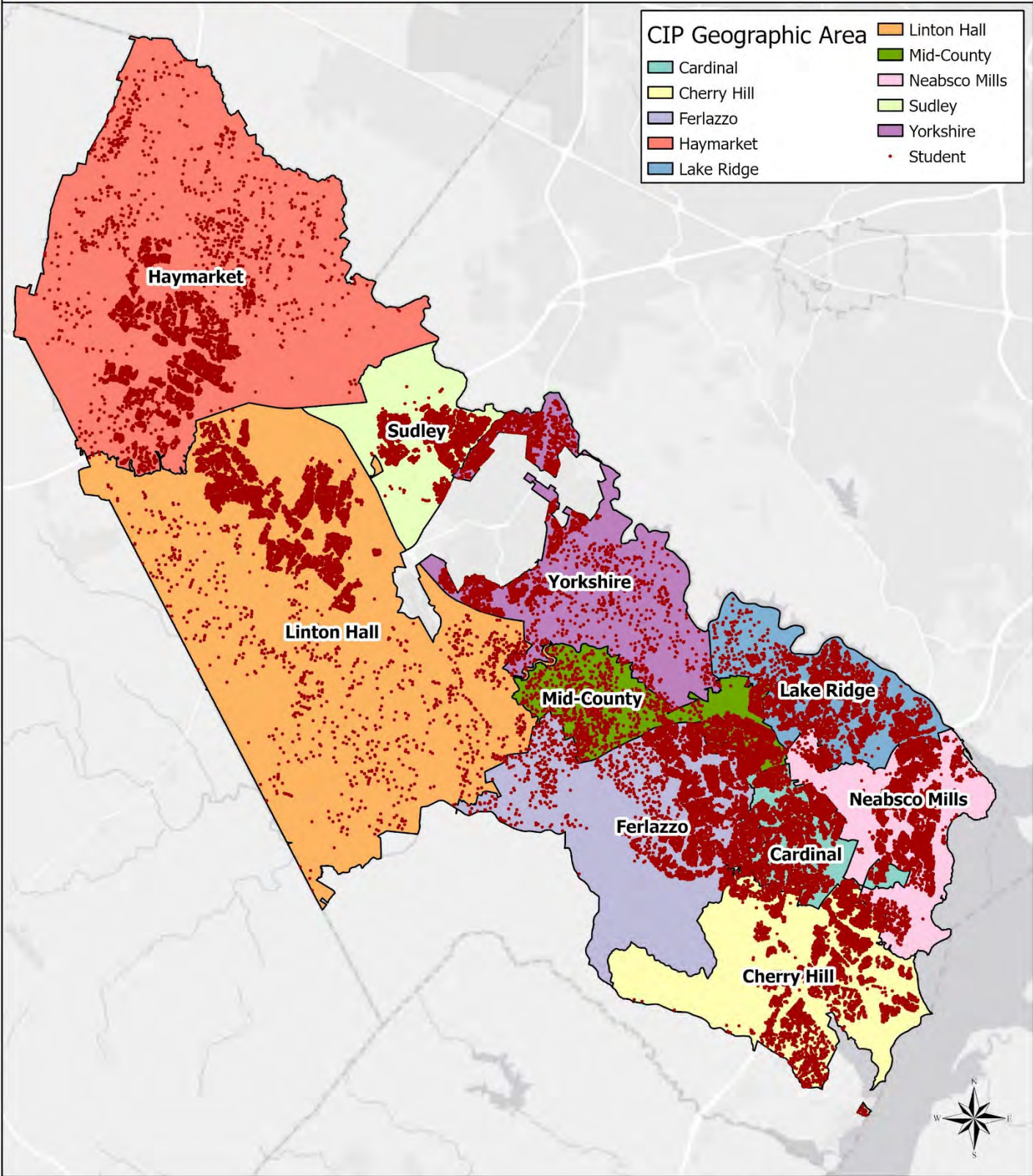
By Grade and Gender 2025-26



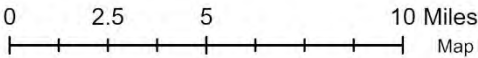
Note: Total enrollment by grade level includes students in "Other" schools.

2025-26 School Year Student Distribution

Prince William County Public Schools



Data:
CIP_Areas
Official_Geocode_2025_26



Prepared by Planning, Facilities Department
Prince William County Public Schools
Map Projection: WGS 1984 Web Mercator Auxiliary Sphere
April 2026

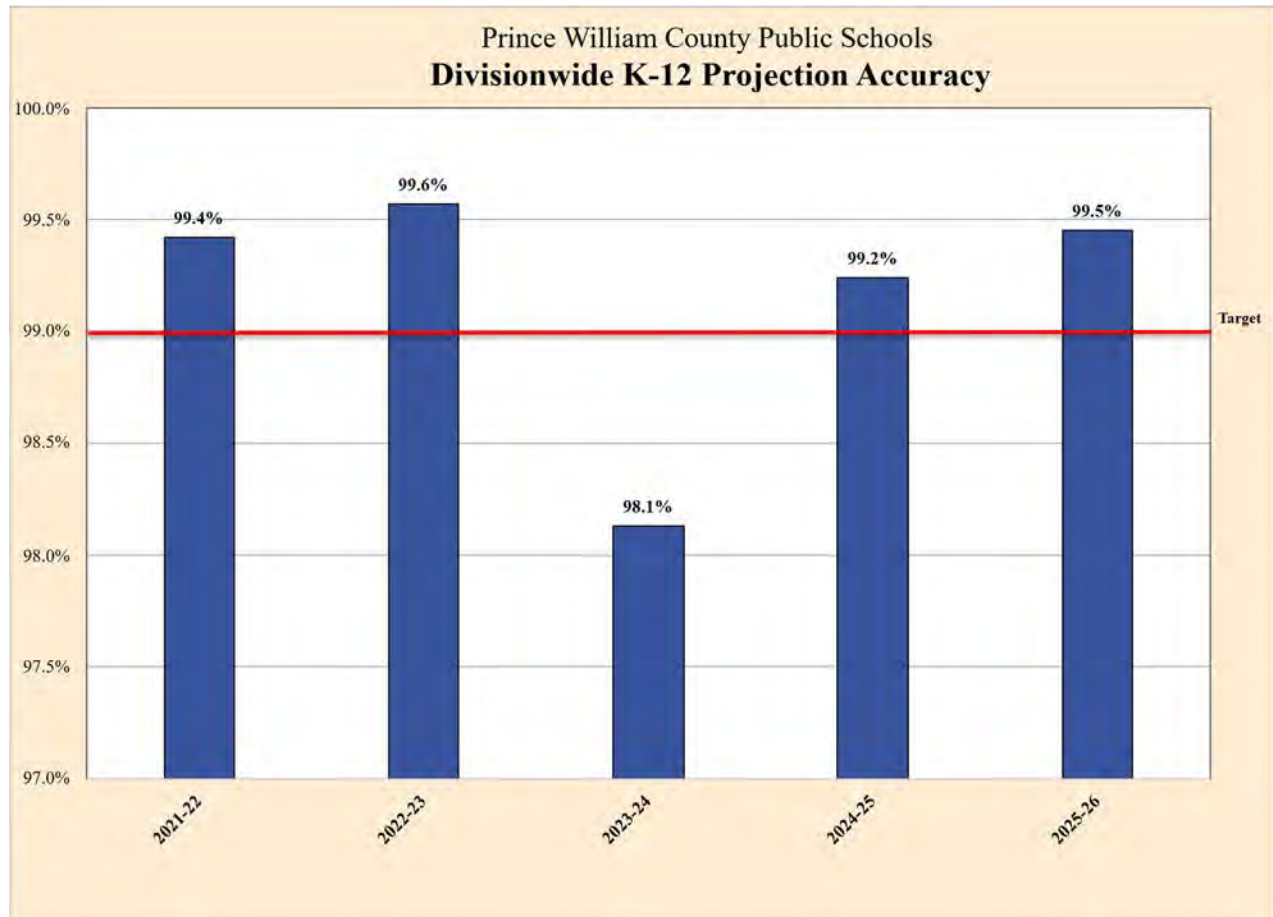
K-12 Student Enrollment Projections

Error Rate Analysis

School Year	Student Enrollment	Student Enrollment Projections								
		One Year Before			Two Years Before		Four Years Before		Five Years Before	
		Projection	Difference	% Error *	Projection	% Error *	Projection	% Error *	Projection	% Error *
2021-22	89,468	89,991	523	0.58%	92,989	3.94%	94,630	5.77%	97,416	8.88%
2022-23	90,226	89,837	(389)	-0.43%	93,274	3.38%	93,552	3.69%	96,066	6.47%
2023-24	89,945	91,631	1,686	1.87%	92,570	2.92%	94,537	5.11%	97,777	8.71%
2024-25	88,651	89,324	673	0.76%	91,901	3.67%	93,704	5.70%	94,644	6.76%
2025-26	87,829	87,365	(464)	-0.53%	88,541	0.81%	92,576	5.40%	93,755	6.75%
5-Year (MPE) Mean Percentage Error ¹				0.45%		2.94%		5.13%		7.51%
5-Year (MAPE) Mean Absolute Percentage Error ¹				0.84%		2.94%		5.13%		7.37%

Note:

A negative forecast error indicates that the projection was less than the actual value.



Housing Units in Residential Development

By Elementary School Attendance Area and Stage of Development

September 2025

Elementary School	Rezoning Application Submitted				Rezoning Approved				Under Construction				Total
	MFA	SFA	SFD	Total	MFA	SFA	SFD	Total	MFA	SFA	SFD	Total	
Alvey Elementary School											6	6	6
Bel Air Elementary School			18	18									18
Belmont Elementary School	343	324		667	1,018			1,018	240	77		317	2,002
Bennett Elementary School		492	12	504			26	26		100	492	592	1,122
Bristow Run Elementary School											4	4	4
Buckland Mills Elementary School	78	115	119	312			234	234					546
Cedar Point Elementary School		229	15	244									244
Chris Yung Elementary School		85		85							65	65	150
Coles Elementary School						60	26	86			195	195	281
Covington-Harper Elementary School									1,172	56	152	1,380	1,380
Dale City Elementary School											4	4	4
Dumfries Elementary School	378	132		510						152	18	170	680
Ellis Elementary School					1,041			1,041	908	428	1	1,337	2,378
Featherstone Elementary School											13	13	13
Fitzgerald Elementary School		74	18	92		347		347					439
Gravelly Elementary School							13	13			1,309	1,309	1,322
Haymarket Elementary School	144	333		477			16	16			37	37	530
Henderson Elementary School			40	40							3	3	43
John D. Jenkins Elementary School	142	57		199	776	238	6	1,020	760	610		1,370	2,589
Kilby Elementary School					298	175		473			2	2	475
King Elementary School	174	159		333									333
Kyle Wilson Elementary School			15	15					163			163	178
Leesylvania Elementary School					320			320					320
Marshall Elementary School	226	396	13	635			65	65			122	122	822
Mary Williams Elementary School									71			71	71
Montclair Elementary School											7	7	7
Mountain View Elementary School							222	222			41	41	263
Mullen Elementary School		28		28									28
Occoquan Elementary School		80		80					52		19	71	151
Old Bridge Elementary School							1	1					1
Pattie Elementary School		191		191									191
Penn Elementary School	82			82						12	15	27	109
Potomac View Elementary School							14	14			29	29	43
River Oaks Elementary School	300			300									300
Rosa Parks Elementary School		214	13	227	99		11	110					337
Signal Hill Elementary School		180		180			190	190	16		93	109	479
Sinclair Elementary School		95		95		225		225	138			138	458
Springwoods Elementary School	202	37		239									239
Swans Creek Elementary School							15	15	73			73	88
T. Clay Wood Elementary School		193	108	301							40	40	341
The Nokesville School		882	1,317	2,199		395	260	655			732	732	3,586
Triangle Elementary School									230		81	311	311
Tyler Elementary School					20	187	188	395			23	23	418
Victory Elementary School	237			237									237
Westridge Elementary School											5	5	5
Yorkshire Elementary School					20			20	386			386	406
Total	2,306	4,296	1,688	8,290	3,592	1,627	1,287	6,506	4,209	1,435	3,508	9,152	23,948

Notes:

Under Construction = Rezoning approved by Board of County Supervisors and site development permit issued.

Rezoning Approved = Rezoning approved has been by Board of County Supervisors.

Rezoning Application Submitted = Rezoning application submitted, CPA request submitted or initiated (if applicable), or no recent progress has occurred.

Housing Types: SFD = Single-Family Detached, SFA = Single-Family Attached, MFA = Multi-Family Attached.

Schools without additional residential development within their respective attendance areas are omitted.

Housing Units in Residential Development

By Middle School Attendance Area and Stage of Development

September 2025

Middle School	Rezoning Application Submitted				Rezoning Approved				Under Construction				Total
	MFA	SFA	SFD	Total	MFA	SFA	SFD	Total	MFA	SFA	SFD	Total	
Benton Middle School	226	396	13	635		60	104	164		12	337	349	1,148
Beville Middle School	474	196	15	685	233			233	405	610		1,015	1,933
Bull Run Middle School		85		85	20	412	423	855	138		165	303	1,243
Fred M. Lynn Middle School	343	404		747	1,168	175		1,343	292	77	21	390	2,480
Gainesville Middle School	237			237							69	69	306
Graham Park Middle School	378	323		701					230	152	99	481	1,182
Hampton Middle School			18	18					163		11	174	192
Marsteller Middle School		450	123	573					812	370	40	1,222	1,795
Parkside Middle School		672	12	684	20		203	223	402	100	586	1,088	1,995
Potomac Middle School			58	58		275		275	71		3	74	407
Potomac Shores Middle School	300			300			15	15	1,245	56	152	1,453	1,768
Rippon Middle School		74		74	468	72	14	554			42	42	670
Ronald Wilson Reagan Middle School	222	448	119	789			250	250			1,251	1,251	2,290
Saunders Middle School		214	13	227	99		11	110					337
The Nokesville School		882	1,317	2,199		395	260	655			732	732	3,586
Unity Braxton Middle School		95		95	1,041			1,041	96	58		154	1,290
Woodbridge Middle School	126	57		183	543	238	7	788	355			355	1,326
Total	2,306	4,296	1,688	8,290	3,592	1,627	1,287	6,506	4,209	1,435	3,508	9,152	23,948

Notes:

Under Construction = Rezoning approved by Board of County Supervisors and site development permit issued.

Rezoning Approved = Rezoning approved has been by Board of County Supervisors.

Rezoning Application Submitted = Rezoning application submitted, CPA request submitted or initiated (if applicable), or no recent progress has occurred.

Housing Types: SFD = Single-Family Detached, SFA = Single-Family Attached, MFA = Multi-Family Attached.

Schools without additional residential development within their respective attendance areas are omitted.

Housing Units in Residential Development

By High School Attendance Area and Stage of Development

September 2025

High School	Rezoning Application Submitted				Rezoning Approved				Under Construction				Total
	MFA	SFA	SFD	Total	MFA	SFA	SFD	Total	MFA	SFA	SFD	Total	
Battlefield High School		232		232		187	427	614			1,379	1,379	2,225
Brentsville District High School		1,130	1,317	2,447		395	286	681			732	732	3,860
C.D. Hylton High School	174	373	28	575	99		11	110				-	685
Charles J. Colgan Sr. High School	308	396	13	717		60	104	164		12	322	334	1,215
Forest Park High School	378	323		701				-	230	152	23	405	1,106
Freedom High School	343	398	18	759	1,486	347	14	1,847	240	77	42	359	2,965
Gainesville High School	222	216	119	557	20		246	266			102	102	925
Gar-Field High School	344	37	18	399	677		7	684	923	610	11	1,544	2,627
Osborn Park High School		672	12	684	20		177	197	402	100	601	1,103	1,984
Patriot High School		174	123	297				-			44	44	341
Potomac High School	300		40	340			15	15	1,316	56	231	1,603	1,958
Unity Reed High School	237	208		445	1,041	225		1,266	1,046	428		1,474	3,185
Woodbridge High School		137		137	249	413		662	52		21	73	872
Total	2,306	4,296	1,688	8,290	3,592	1,627	1,287	6,506	4,209	1,435	3,508	9,152	23,948

Note:

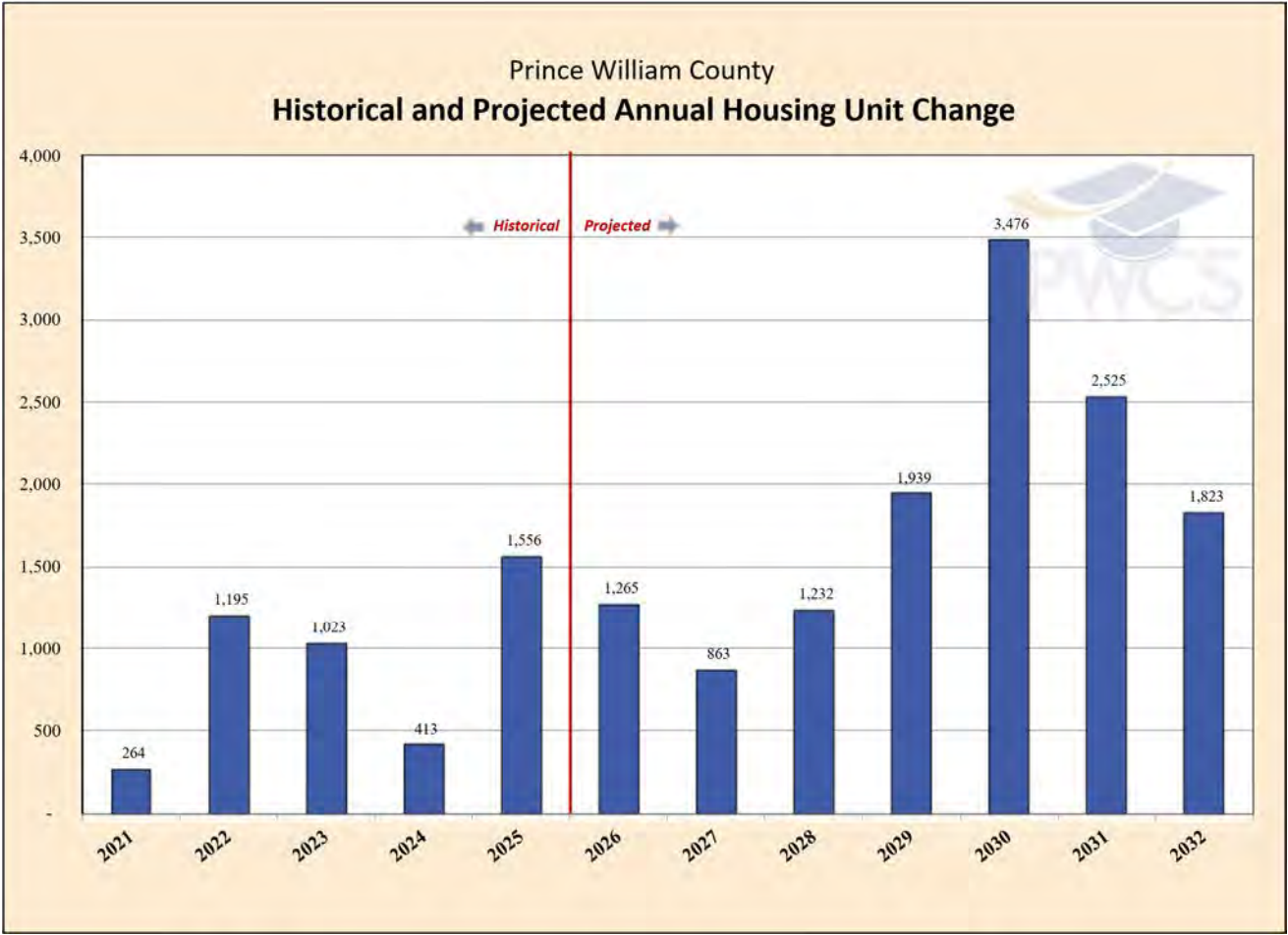
Under Construction = Rezoning approved by Board of County Supervisors and site development permit issued.

Rezoning Approved = Rezoning approved has been by Board of County Supervisors.

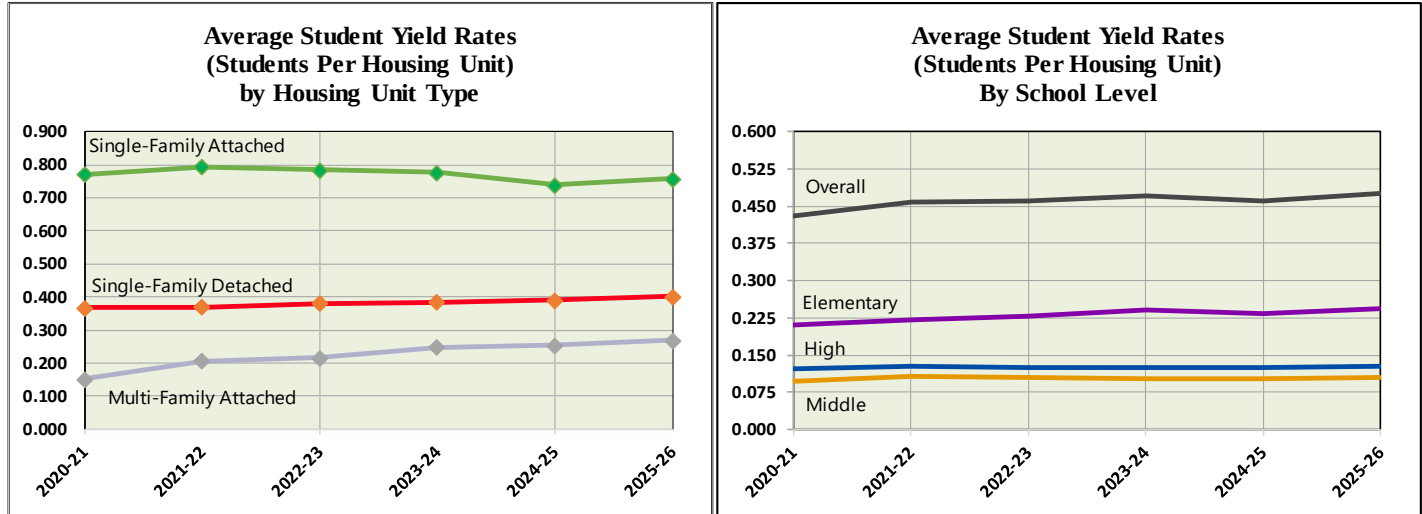
Rezoning Application Submitted = Rezoning application submitted, CPA request submitted or initiated (if applicable), or no recent progress has occurred.

Housing Types: SFD = Single-Family Detached, SFA = Single-Family Attached, MFA = Multi-Family Attached.

Schools without additional residential development within their respective attendance areas are omitted.



Average Student Yield Rates by School Level and Housing Unit Type For Housing Units 10 Years of Age and Newer



Historical Data					
2025-26	School Type	Unit Type			Total
		SFD	SFA	MFA	
	Elementary	0.374	0.220	0.140	0.245
	Middle	0.178	0.088	0.046	0.104
	High	0.206	0.094	0.081	0.127
	Total	0.758	0.402	0.268	0.476
2022-23	School Type	Unit Type			Total
		SFD	SFA	MFA	
	Elementary	0.380	0.206	0.101	0.229
	Middle	0.182	0.080	0.053	0.105
	High	0.224	0.094	0.061	0.126
	Total	0.785	0.381	0.216	0.461
2024-25	School Type	Unit Type			Total
		SFD	SFA	MFA	
	Elementary	0.366	0.208	0.125	0.233
	Middle	0.177	0.083	0.047	0.102
	High	0.196	0.099	0.081	0.125
	Total	0.739	0.390	0.253	0.461
2021-22	School Type	Unit Type			Total
		SFD	SFA	MFA	
	Elementary	0.382	0.191	0.090	0.221
	Middle	0.186	0.080	0.056	0.107
	High	0.225	0.098	0.060	0.128
	Total	0.793	0.370	0.207	0.457
2023-24	School Type	Unit Type			Total
		SFD	SFA	MFA	
	Elementary	0.386	0.209	0.130	0.242
	Middle	0.172	0.079	0.054	0.102
	High	0.218	0.097	0.064	0.126
	Total	0.776	0.385	0.249	0.470
2020-21	School Type	Unit Type			Total
		SFD	SFA	MFA	
	Elementary	0.366	0.191	0.075	0.211
	Middle	0.183	0.080	0.030	0.098
	High	0.222	0.096	0.047	0.122
	Total	0.771	0.368	0.152	0.430

Notes: 1) The 'Student Yield Rate' is a mathematical representation of the relationship between housing units in Prince William County and the number of students enrolled in Prince William County Public Schools on September 30th of each year. In other words, it is the number of enrolled students per total number of housing units by type.

2) In 2022-23, approximately 3,500 2-over-2 multi-family attached units were reclassified from multi-family attached to single-family attached, thus contributing to a notable increase in student yields in multi-family units and a decrease in student yields of single-family attached units.

3) Numbers are rounded up to the nearest thousandth; thus totals, may be affected because of rounding.

4) Housing Types: SFD = Single-Family Detached, SFA = Single-Family Attached, MFA = Multi-Family Attached

5) Students unable to be geocoded with housing type due to incomplete addresses information or residing out of district were not included in student yield calculations.

6) Calculated student yields were based on housing units from quarter 2. Units constructed after June 30, 2024 were not included in this analysis.

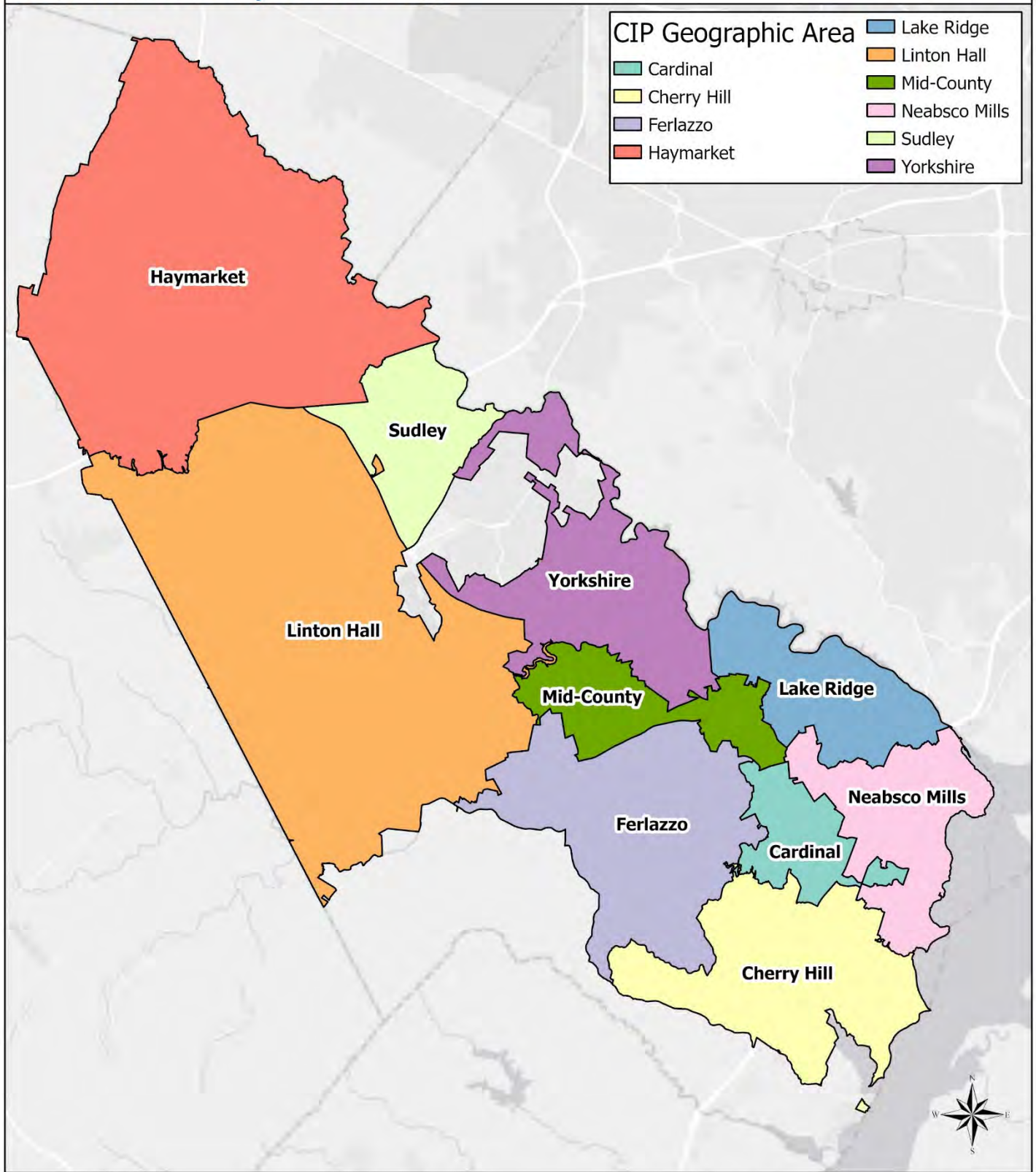
Elementary Schools
By CIP Geographic Areas

CIP Region	Schools
Cardinal Area	Bel Air Elementary School
	Dale City Elementary School
	Fitzgerald Elementary School
	Henderson Elementary School
	Minnieville Elementary School
	Neabsco Elementary School
Cherry Hill Area	Covington-Harper Elementary School
	Dumfries Elementary School
	Mary Williams Elementary School
	Pattie Elementary School
	River Oaks Elementary School
	Swans Creek Elementary School
Ferlazzo Area	Triangle Elementary School
	Ashland Elementary School
	Coles Elementary School
	Enterprise Elementary School
	King Elementary School
	Kyle Wilson Elementary School
	McAuliffe Elementary School
	Montclair Elementary School
	Rosa Parks Elementary School
Haymarket Area	Alvey Elementary School
	Buckland Mills Elementary School
	Gravelly Elementary School
	Haymarket Elementary School
	Mountain View Elementary School
	Tyler Elementary School
Lake Ridge Area	Antietam Elementary School
	John D. Jenkins Elementary School
	Lake Ridge Elementary School
	Occoquan Elementary School
	Old Bridge Elementary School
	Rockledge Elementary School
	Springwoods Elementary School
	Westridge Elementary School

CIP Region	Schools
Linton Hall Area	Bennett Elementary School
	Bristow Run Elementary School
	Cedar Point Elementary School
	Chris Yung Elementary School
	Glenkirk Elementary School
	Piney Branch Elementary School
	T. Clay Wood Elementary School
	The Nokesville School
Mid-County Area	Victory Elementary School
	Kerrydale Elementary School
	Marshall Elementary School
Neabsco Mills / Northern Route 1	Penn Elementary School
	Belmont Elementary School
	Featherstone Elementary School
	Kilby Elementary School
	Leesylvania Elementary School
	Marumco Hills Elementary School
	Potomac View Elementary School
	Vaughan Elementary School
Sudley Area	Ellis Elementary School
	Innovation Elementary School
	Mullen Elementary School
	Sinclair Elementary School
	Sudley Elementary School
Yorkshire Area	West Gate Elementary School
	Loch Lomond Elementary School
	Signal Hill Elementary School
	Yorkshire Elementary School

CIP Geographic Areas

Prince William County Public Schools



Data:
CIP_Areas

0 2.5 5 10 Miles

Prepared by Planning, Facilities Department
Prince William County Public Schools
Map Projection: WGS 1984 Web Mercator Auxiliary Sphere
April 2026

Fall Membership
By Virginia School Division
 SY 2020-21 to SY 2025-26

Division Name	Division Membership, PK- Grade 12						Change 2020 to 2025			
	2025-26	2024-25	2023-24	2022-23	2021-22	2020-21	Number	Rank in Virginia	Percent	Rank in Virginia
Alexandria City Public Schools	16,302	16,613	16,439	16,089	15,712	15,845	457	16	2.9%	41
Arlington County Public Schools	27,670	27,986	27,536	27,582	27,045	26,833	837	6	3.1%	37
Charlottesville City Public Schools	4,361	4,443	4,444	4,491	4,290	4,259	102	36	2.4%	42
Chesapeake City Public Schools	40,364	40,685	40,640	40,821	40,478	39,673	691	10	1.7%	45
Chesterfield County Public Schools	63,955	64,254	64,183	63,962	62,500	60,904	3,051	1	5.0%	24
Culpeper County Public Schools	8,350	8,381	8,368	8,353	8,366	8,256	94	38	1.1%	51
Fairfax County Public Schools	177,249	180,558	180,970	180,127	178,635	180,076	-2,827	130	-1.6%	71
Falls Church City Public Schools	2,675	2,677	2,616	2,507	2,483	2,500	175	27	7.0%	17
Fauquier County Public Schools	10,714	10,861	10,845	10,839	10,874	10,292	422	17	4.1%	29
Fredericksburg City Public Schools	3,610	3,632	3,532	3,762	3,624	3,545	65	46	1.8%	44
Harrisonburg City Public Schools	6,739	6,823	6,792	6,684	6,660	6,508	231	24	3.5%	33
Henrico County Public Schools	50,499	50,916	50,464	50,389	49,991	50,191	308	23	0.6%	54
Loudoun County Public Schools	80,410	81,578	82,028	82,082	81,511	81,319	-909	126	-1.1%	68
Manassas City Public Schools	8,263	7,663	7,676	7,711	7,592	7,607	656	11	8.6%	11
Manassas Park City Public Schools	3,226	3,393	3,410	3,434	3,508	3,500	-274	112	-7.8%	113
Prince William County Public Schools	89,662	90,629	90,654	91,180	90,135	89,577	85	41	0.1%	61
Spotsylvania County Public Schools	23,883	24,095	24,064	24,260	23,794	23,036	847	4	3.7%	32
Stafford County Public Schools	31,817	31,992	31,700	31,160	30,473	29,395	2,422	2	8.2%	13
Virginia Beach City Public Schools	63,969	64,823	65,078	65,550	65,498	65,612	-1,643	128	-2.5%	76
State Totals	1,246,285	1,261,387	1,261,962	1,263,342	1,251,970	1,252,756	-6,471		-0.5%	

Source: Virginia Department of Education, Fall Membership Report.

Note: Excluded from the September 30 Fall Membership count are special education preschool pupils, pupils in hospitals, clinics or detention homes, and local programs, such as vocational and alternative education centers (i.e., centers or schools that receive, but do not officially enroll students).

Appendix C

Facility Information

- School Counts
- Facilities - Summary Information
- Facilities – Detail Information by Use Type
 - Elementary
 - Combined
 - Middle
 - High
 - Other
 - Administrative
 - Transportation
- Portable Classrooms

Facilities — School Count and Summary Information

School Facilities

2021–22 to 2025–26

School Type	Count of School Facilities				
	2021-22	2022-23	2023-24	2024-25	2025-26
Elementary Schools	61	61	62	62	62
Combined Schools	3	3	3	3	3
Middle Schools	17	17	17	17	17
High Schools	13	13	13	13	13
Other Schools	3	3	3	3	3
Total	97	97	98	98	98

Facilities — Summary Information

2025–26

Use Type	Facility Type	Facility Count	Program Capacity	Portable Classrooms	Square Feet	Acres
Educational	Elementary	62	40,646	136	4,898,284	1,031.3
	Combined	3	2,368	16	271,423	80.1
	Middle	17	21,537	19	2,461,480	610.2
	High	13	28,586	45	3,940,005	926.3
	Other	3	-	4	187,559	32.6
Non-Educational	Administrative	7	-	-	347,054	65.3
	Transportation	6	-	-	98,350	104.2
Total		111	93,137	220	12,204,155	2,850.0

Facilities — Detail Information by Use Type

Elementary School	Year Opened	Renovation		Capacity Enhancement				Building Square Feet	Site Acres
		Next	Last	Addition #1 Year	# Classrooms	Addition #2 Year	# Classrooms		
Alvey Elementary School	2003							83,084	20.2
Antietam Elementary School	1990		2018	2019	13			84,257	14.9
Ashland Elementary School	2002			2008	5			98,461	18.1
Bel Air Elementary School	1968		2008	2008	8			53,712	15.0
Belmont Elementary School	1967		2006	2006	4	2017	10	74,142	14.3
Bennett Elementary School	1996		2022	2000	8			88,054	15.3
Bristow Run Elementary School	1998		2023	2004	8			83,885	21.7
Buckland Mills Elementary School	2006							89,936	15.0
Cedar Point Elementary School	2001		2025					87,654	15.5
Chris Yung Elementary School	2015							107,273	20.8
Coles Elementary School	1968		2009					52,745	17.0
Covington-Harper Elementary School	2017							101,288	21.4
Dale City Elementary School	1967	2031	2006	2001	4	2031	15	47,632	14.8
Dumfries Elementary School	1939		2014	1989	8			44,925	10.0
Ellis Elementary School	2004							76,724	10.5
Enterprise Elementary School	1978		2009					54,281	15.0
Featherstone Elementary School	1961		2001	2015	6			56,246	12.0
Fitzgerald Elementary School	2008							106,170	11.2
Glenkirk Elementary School	2005							83,084	15.6
Gravelly Elementary School	2008							95,314	18.0
Haymarket Elementary School	2014							98,736	24.3
Henderson Elementary School	1985		2016	2017	10			75,495	14.9
Innovation Elementary School	2023							129,883	19.6
John D. Jenkins Elementary School	2019							100,264	17.2
Kerrydale Elementary School	1973		2007					51,900	15.4
Kilby Elementary School	2017							98,615	12.8
King Elementary School	1981		2016					57,677	15.2
Kyle Wilson Elementary School	2016							106,345	19.5
Lake Ridge Elementary School	1983		2016	2019	13			83,358	15.1
Leesylvania Elementary School	1996		2019	2019	4			91,374	16.3
Loch Lomond Elementary School	1962		2016	2013	4			58,278	10.7
Marshall Elementary School	1994		2019	1999	4			62,700	24.2
Marumco Hills Elementary School	1966		2006	2006	2	2009	4	56,651	12.2
Mary Williams Elementary School	2004							83,084	13.6
McAuliffe Elementary School	1989		2018					59,517	15.1
Minnieville Elementary School	1972		2005	2019	10			75,070	15.2
Montclair Elementary School	1991		2019	2008	4			70,928	15.9
Mountain View Elementary School	1995		2020	2002	4	2020	1	73,415	30.0
Mullen Elementary School	1990		2018	1999	4	2013	6	82,219	15.0
Neabsco Elementary School	1969		2009	2017	8			77,389	12.8
Occoquan Elementary School	1927		2002	2003	5			55,225	10.6
Old Bridge Elementary School	1995		2019	2019				77,804	17.9
Pattie Elementary School	1978		2013	2018	11	2011		69,375	15.0
Penn Elementary School	1998		2021	2013	7			87,542	16.9
Piney Branch Elementary School	2011							104,448	21.0
Potomac View Elementary School	1964		2005	2005	4	2009	4	60,756	12.4
River Oaks Elementary School	1990		2018	2014	7			80,618	15.2
Rockledge Elementary School	1972		2007	2009	7			64,769	16.2
Rosa Parks Elementary School	2006							83,084	15.2
Signal Hill Elementary School	2000		2023					83,084	24.5
Sinclair Elementary School	1968		2009	2001	6	2013	11	75,698	15.0
Springwoods Elementary School	1985		2016	2019	13			83,260	15.1
Sudley Elementary School	1972		2004	2013	10			73,457	14.0
Swans Creek Elementary School	2001		2025	2012	6			86,934	18.5
T. Clay Wood Elementary School	2011							104,448	33.8
Triangle Elementary School	2010							103,679	18.9
Tyler Elementary School	1968		2007	2007	4			56,560	25.5
Vaughan Elementary School	1964	2029	2005	2001	4	2009	9	58,967	13.6
Victory Elementary School	2005							89,911	21.2
West Gate Elementary School	1964		2009	2013	4			59,727	12.1
Westridge Elementary School	1989		2018	2012	6			70,559	15.0
Yorkshire Elementary School	2009							106,614	13.3
Subtotal (Elementary)								4,898,284	1,031.3

Facilities — Detail Information by Use Type

Combined School	Year Opened	Renovation		Capacity Enhancement				Building Square Feet	Site Acres
		Next	Last	Addition #1 Year	# Classrooms	Addition #2 Year	# Classrooms		
Pennington Traditional School	1969		2012	2029	10			58,346	15.0
Porter Traditional School	2004							71,245	16.9
The Nokesville School	2014			2027	10			141,832	48.2
Subtotal (Combined)								271,423	80.1

Middle School	Year Opened	Renovation		Capacity Enhancement				Building Square Feet	Site Acres
		Next	Last	Addition #1 Year	# Classrooms	Addition #2 Year	# Classrooms		
Benton Middle School	2000			2013	11			155,732	48.2
Beville Middle School	1991		2021	2021	2			137,540	42.1
Bull Run Middle School	2002							135,309	39.4
Fred M. Lynn Middle School	1963	2028	2001					131,974	28.6
Gainesville Middle School	2007			2022	11			149,210	39.4
Graham Park Middle School	1963	2028	2001	2001	4			110,514	21.9
Hampton Middle School	1970	2032	2010	2002	8			124,610	30.0
Lake Ridge Middle School	1989		2018	2018	13			158,900	34.1
Marsteller Middle School	2002			2028	10			135,309	36.4
Parkside Middle School	1963		2023	2014	15			160,094	30.0
Potomac Middle School	2006			2013	11			151,130	36.4
Potomac Shores Middle School	2021							197,954	52.5
Rippon Middle School	1967		2010	2016	8			156,094	30.2
Ronald Wilson Reagan Middle School	2012			2022	6			142,962	41.9
Saunders Middle School	1988		2018					137,088	29.5
Unity Braxton Middle School	1964		2002	2019	17			152,549	32.2
Woodbridge Middle School	1964	2029	2003					124,511	37.4
Subtotal (Middle)								2,461,480	610.2

High School	Year Opened	Renovation		Capacity Enhancement				Building Square Feet	Site Acres
		Next	Last	Addition #1 Year	# Classrooms	Addition #2 Year	# Classrooms		
Battlefield High School	2004							285,086	78.8
Brentsville District High School	1965	2029	2000	2000	9	1980		163,066	29.0
C.D. Hylton High School	1991		2023					282,346	74.8
Charles J. Colgan Sr. High School	2016							308,058	108.4
Forest Park High School	2000							283,268	79.1
Freedom High School	2004							285,886	80.7
Gainesville High School	2021							334,885	83.5
Gar-Field High School	1972		2003	2021				374,138	91.5
Osborn Park High School	1975		2006					328,386	56.1
Patriot High School	2011							320,124	60.0
Potomac High School	1981		2012	2013	30			273,329	75.1
Unity Reed High School	1973		2005					328,540	56.6
Woodbridge High School	1974		2004	2021				372,893	52.7
Subtotal (High)								3,940,005	926.3

Other School	Year Opened	Renovation		Capacity Enhancement				Building Square Feet	Site Acres
		Next	Last	Addition #1 Year	# Classrooms	Addition #2 Year	# Classrooms		
Independence Nontraditional School	2018							122,850	9.9
PACE West	2012							39,998	13.5
Washington-Reid Preschool Center	1951		2013	2027	15			24,711	9.2
Subtotal (Other)								187,559	32.6

Facilities — Detail Information by Use Type

Administrative	Year Opened	Renovation		Capacity Enhancement				Building Square Feet	Site Acres
		Next	Last	Addition #1 Year	Size	Addition #2 Year	Size		
Ann Ludwig	1975							14,220	4.8
Global Welcome Center - Manassas	2011							2,202	-
Global Welcome Center - Woodbridge	2019							5,040	-
Independent Hill Complex	1968							139,947	37.6
Kelly Leadership Center	2008							145,747	20.3
PWCS Aquatics Center	2016							31,578	0.8
Woodbine Child Find Evaluation Center	1953		2021					8,320	1.9
Subtotal (Administrative)								347,054	65.3

Transportation	Year Opened	Renovation		Capacity Enhancement				Building Square Feet	Site Acres
		Next	Last	Addition #1 Year	Size	Addition #2 Year	Size		
Brentsville Transportation Center	1979		2025					28,028	20.0
Central Transportation Center	2005							14,934	29.9
McCuin Transportation Center	2002							8,400	11.5
New Dominion Transportation Center	1975		2020					14,749	9.3
Potomac Transportation Center	2002		2025					14,565	16.8
Western Transportation Center	2019							17,674	16.7
Subtotal (Transportation)								98,350	104.2
Totals (All Facilities)								12,204,155	2,850.0

Portable Classrooms

Portable Classrooms

2021–22 to 2025–26

Year	School Type				Total
	Elementary	Middle	High	Other	
2021	74	46	67	1	188
2022	90	24	56	1	171
2023	98	26	48	2	174
2024	137	21	43	2	203
2025	145	26	45	4	220

Appendix D

School Construction Financial Data

- School Construction Projects by Types of Expenditures
- Bond Expenditures by Issuance
- Elementary School Construction Cost Comparatives

School Construction Projects

School Construction Projects - Expenditures by Type

FY 2012 to FY 2026

Project Name	Opening Date	Latest C/P Construction Project Budget ⁹	Construction Expenditures							Total Project Costs Outside of Construction Contract	Total Construction Expenditures (thru FY26)	Site Acquisition Costs ⁸
			Construction Contract ¹	Construction Contract Change Orders ²	Construction Contract Expenses (thru FY26)	Project Costs Outside of Construction Contract						
						Temporary Employees ³	Engineering Services ⁴	Furnishings & Equipment ⁵	Other Non-Construction Contract Costs ⁶			
Potomac Shores Area Elementary	Aug-27	\$70,500,000	\$55,400,000	\$290,047	\$19,226,378	\$52,759	\$3,564,790	\$0	\$146,236	\$3,763,785	\$22,990,164	\$3,591,342
Ocoquan Elementary School (Repl)	Aug-26	\$80,000,000	\$60,917,000	\$4,217,931	\$58,721,847	\$169,771	\$5,402,529	\$286,604	\$360,645	\$6,219,550	\$64,941,397	\$0
Woodbridge Area Elementary School	Aug-26	\$59,644,000	\$45,533,000	\$3,323,506	\$48,856,506	\$232,747	\$2,052,714	\$905,287	\$2,270,421	\$5,461,169	\$54,317,676	\$8,070,864
Completed Projects												
Innovation Elementary School	Sep-22	\$40,855,000	\$35,000,000	\$9,502		\$187,712	\$2,904,196	\$1,922,616	\$1,958,658	\$6,973,182	\$41,982,684	\$64,187
Gainesville High School	Sep-21	\$127,400,000	\$108,500,000	\$853,294		\$330,318	\$6,702,980	\$5,107,005	\$3,928,721	\$16,069,024	\$125,422,318	\$16,655,233
Potomac Shores Middle School	Sep-21	\$64,119,000	\$52,474,000	\$67,298		\$272,553	\$3,191,922	\$3,041,754	\$1,419,596	\$7,925,826	\$60,467,124	\$0
Western Transportation Center	Sep-19	\$12,500,000	\$11,677,000	\$820,865		\$156,917	\$920,252	\$587,870	\$389,402	\$2,054,441	\$14,552,306	\$3,757,833
John D. Jenkins Elementary School	Sep-19	\$32,686,000	\$27,209,000	\$817,515		\$123,003	\$1,637,732	\$1,561,780	\$1,610,634	\$4,933,150	\$32,959,664	\$8,026,917
Independence Nontraditional School	Sep-18	\$35,850,000	\$27,180,000	\$1,458,528		\$180,077	\$2,112,436	\$1,906,731	\$3,570,028	\$7,769,273	\$36,407,801	\$0
Covington-Harper Elementary School	Sep-17	\$29,374,000	\$20,831,000	-\$15,314		\$21,731	\$1,155,231	\$1,785,236	\$536,680	\$3,498,877	\$24,314,563	\$0
Kilby Elementary School (Repl)	Sep-17	\$31,476,000	\$21,888,000	\$86,297		\$222,608	\$1,371,454	\$1,580,106	\$1,197,695	\$4,371,863	\$26,346,160	\$135,398
Kyle Wilson Elementary School	Sep-16	\$28,534,000	\$20,753,000	-\$16,905		\$63,670	\$1,205,054	\$1,579,018	\$886,041	\$3,733,783	\$24,469,878	\$0
Maintenance Facility (Bldg 52)	Sep-16	\$11,444,000	\$8,074,000	\$37,561		\$130,361	\$1,344,226	\$322,155	\$1,048,806	\$2,845,548	\$10,957,109	\$0
Colgan High School	Sep-16	\$110,943,000	\$97,907,000	\$145,919		\$521,568	\$5,126,308	\$4,776,207	-\$6,670,372	\$3,753,711	\$101,806,630	\$8,785,796
Chris Yung Elementary School	Sep-15	\$25,987,000	\$20,286,000	\$54,809		\$197,660	\$1,004,729	\$1,412,402	\$770,928	\$3,385,718	\$23,726,527	\$3,345,844
Haymarket Elementary School	Sep-14	\$27,663,000	\$18,788,000	-\$262,583		\$135,764	\$1,133,312	\$1,120,361	\$994,640	\$3,384,077	\$21,909,494	\$16,679
The Nokesville School	Sep-14	\$31,000,000	\$28,402,000	\$174,854		\$124,920	\$2,252,698	\$1,363,551	\$2,213,724	\$5,954,893	\$34,531,747	\$236,665
PACE West	Sep-12	\$11,526,000	\$7,698,000	\$265,453		\$156,019	\$753,631	\$644,474	\$882,705	\$2,436,829	\$10,400,282	\$93,537
Reagan Middle School	Sep-12	\$26,382,000	\$18,914,000	\$196,592		\$188,871	\$1,017,882	\$2,178,833	\$1,442,048	\$4,827,634	\$23,938,226	\$4,261

¹ Construction contract to build the facility; may include site preparation work, road improvements, and other construction items as specified in the bid documents

² Change orders include errors and omissions, charges initiated by the owner, inspection outcomes, school-based staff generated changes, and unanticipated site conditions

³ On-site construction project managers, custodial services

⁴ Architectural and Engineering Services, traffic analyses, environmental analyses, archeological studies

⁵ Outfitting costs for desks, smart-boards, office furniture, computers, servers, athletic and PE equipment, lab equipment, and other equipment that is not part of the physical structure of the building

⁶ Utility Fees, easements, traffic signalization, inspection services, stormwater fees, wetlands mitigation and monitoring, erosion controls, and other unclassified expenses

⁷ Expendable Equipment and Materials to include: instructional supplies, office supplies, instruction kits, textbooks, library books, glassware, P.E. equipment, uniforms for athletics / music programs, etc., as well as the salaries of the principal and bookkeeper during the initial startup period

⁸ Purchase of properties, easements, rights of way, and associated settlement and title fees

⁹ Balances remaining in projects are transferred to Construction Fund Reserves. Reserves are utilized for projects which require additional funding.

Bond Expenditures by Issuance

Bond Issuance – Virginia Public School Authority 2025

V25A

Bond Issuance	Project Name	Func	Anticipated /Estimated Cost in CIP	Adjustments -Year 1	Adjustments - Year 2	Resulting Project Amount
			Original Bond Disbursement			
V25A	Potomac Shores Area Elementary School	314A	\$ 34,484,000	\$ -	\$ -	\$ 34,484,000
V25A	Nokesville School - Addition (10 classrooms)	315E	\$ 11,500,000	\$ -	\$ -	\$ 11,500,000
V25A	Pennington TS - Addition (10 classrooms)	340F	\$ 8,100,000	\$ -	\$ -	\$ 8,100,000
V25A	Washington Reid PK Addition/Minor Renovation (15 classrooms)	341E	\$ 4,500,000	\$ -	\$ -	\$ 4,500,000
V25A	Potomac View Elementary School - PreK Center	355H		\$ 2,271,015		\$ 2,271,015
V25A	Global Welcome Center - Manassas	362L	\$ 5,000,000	\$ -	\$ -	\$ 5,000,000
V25A	Graham Park Middle School - Renovation	451P	\$ 18,031,000	\$ -	\$ -	\$ 18,031,000
V25A	Fred Lynn MS - Renovation	452R	\$ 16,000,000	\$ -	\$ -	\$ 16,000,000
V25A	14th HS Site Building, New	517A	\$ 2,785,000	\$ (2,271,015)	\$ -	\$ 513,985
V25A	Brentsville HS - Turf Management Program Facility	553T	\$ 4,600,000	\$ -	\$ -	\$ 4,600,000
Total			\$ 105,000,000	\$ (0)	\$ -	\$ 105,000,000

Bond Issuance – Virginia Public School Authority 2024

V24A

Bond Issuance	Project Name	Func	Anticipated /Estimated Cost in CIP	Adjustments -Year 1	Adjustments - Year 2	Resulting Project Amount
			Original Bond Disbursement			
V24A	Construction	0370	\$ -	\$ 1,405,288	\$ (1,405,288)	\$ 0
V24A	Elementary School (Woodbridge Area)	305A	\$ 10,617,000	\$ -	\$ 238,253	\$ 10,855,253
V24A	Elementary School (Potomac Shores Area)	314A	\$ 28,853,320	\$ -	\$ (10,688,777)	\$ 18,164,543
V24A	The Nokesville School - Addition	315E	\$ 4,000,000	\$ -	\$ -	\$ 4,000,000
V24A	Occoquan ES Replacement	326H	\$ 60,885,000	\$ -	\$ (2,282,903)	\$ 58,602,097
V24A	Occoquan ES - Preschool Center - New School Construction	326J	\$ 2,400,000	\$ (2,355,288)	\$ -	\$ 44,712
V24A	Pennington Traditional School - Addition	340F	\$ 1,100,000	\$ -	\$ -	\$ 1,100,000
V24A	Washington-Reid Preschool Center - New School Construction	341E	\$ 2,200,000	\$ -	\$ 4,025,427	\$ 6,225,427
V24A	Vaughan ES - Renovation	358E	\$ 1,500,000	\$ -	\$ 686,679	\$ 2,186,679
V24A	Global Welcome Center - Manassas - New Facility Construction	362L	\$ 2,500,000	\$ -	\$ (64,871)	\$ 2,435,129
V24A	Tyler ES - HVAC Replacement incl. controls-Aaon/Intelipak	363H	\$ -	\$ -	\$ 2,920,857	\$ 2,920,857
V24A	Coles ES - Boiler Replacement	366K	\$ -	\$ -	\$ 237,328	\$ 237,328
V24A	Potomac MS - Tennis Court Paving	417E	\$ -	\$ -	\$ 151,060	\$ 151,060
V24A	Marsteller MS Addition (11 Classroom)	421E	\$ -	\$ -	\$ 270,218	\$ 270,218
V24A	Graham Park MS - Renovation	451P	\$ 13,220,680	\$ -	\$ (3,464,440)	\$ 9,756,240
V24A	Woodbridge MS - Renovation	456S	\$ -	\$ -	\$ 1,311,340	\$ 1,311,340
V24A	Bull Run MS - Roof Replacement/Repair	492E	\$ 3,390,000	\$ -	\$ (500,000)	\$ 2,890,000
V24A	Bull Run MS HVAC Replacement	492G	\$ -	\$ -	\$ 800,000	\$ 800,000
V24A	Woodbridge HS Tennis Court Paving	5065	\$ -	\$ -	\$ 841,256	\$ 841,256
V24A	Woodbridge HS - Fenestration	506T	\$ 1,029,000	\$ -	\$ -	\$ 1,029,000
V24A	14th HS Site Building, New	517A	\$ 5,290,000	\$ -	\$ 183,694	\$ 5,473,694
V24A	Patriot HS - LED Upgrade	542C	\$ -	\$ -	\$ 918,060	\$ 918,060
V24A	Brentsville HS - Renovation	553R	\$ -	\$ -	\$ 2,157,884	\$ 2,157,884
V24A	Brentsville HS - Chiller Replacement	553S	\$ -	\$ -	\$ 204,908	\$ 204,908
V24A	Brentsville HS - Tennis Court Lighting	553U	\$ -	\$ -	\$ 112,781	\$ 112,781
V24A	GarField HS HVAC all RTUs	5692	\$ -	\$ -	\$ 257,552	\$ 257,552
V24A	GarField HS - LED Upgrade	5695	\$ -	\$ -	\$ 1,126,128	\$ 1,126,128
V24A	GarField HS - Tennis Court Lighting	5698	\$ -	\$ -	\$ 233,632	\$ 233,632
V24A	Gar-Field HS - Fenestration	569Y	\$ 1,029,000	\$ -	\$ (750,000)	\$ 279,000
V24A	Forest Park HS - Replace HVAC Piping and Insulation	587J	\$ 3,500,000	\$ -	\$ (1,608,049)	\$ 1,891,951
V24A	Forest Park HS - Interior Bleacher Replacement	587K	\$ -	\$ -	\$ 380,000	\$ 380,000
V24A	IHC - Bldg 51 HVAC Replacement	603T	\$ -	\$ -	\$ 2,392,153	\$ 2,392,153
V24A	Kelly Leadership Center - Kitchen Area Renovation	604G	\$ -	\$ -	\$ 154,446	\$ 154,446
V24A	Transportation - Brentsville Renovation	702B	\$ -	\$ -	\$ 1,362,673	\$ 1,362,673
V24A	Transportation - Potomac Center - Renovation	704B	\$ 2,986,000	\$ -	\$ (202,000)	\$ 2,784,000
V24A	HVAC Equipment & Controls	HVAC	\$ -	\$ 950,000	\$ -	\$ 950,000
Total			\$ 144,500,000	\$ 0	\$ (0)	\$ 144,500,000

Bond Issuance – Virginia Public School Authority 2023

V23A

Bond Issuance	Project Name	Func	Anticipated /Estimated Cost in CIP	Adjustments -Year 1	Adjustments - Year 2	Resulting Project Amount
			Original Bond Disbursement			
V23A	Construction	0370	\$ 2,198,020	\$ -	\$ (2,198,020)	\$ -
V23A	Sudley ES Chiller Replacement	302L	\$ -	\$ -	\$ 457,430	\$ 457,430
V23A	Elementary School (Woodbridge Area)	305A	\$ 34,703,000	\$ -	\$ 5,502,804	\$ 40,205,804
V23A	Enterprise ES Boiler Replacement	312G	\$ -	\$ -	\$ 187,469	\$ 187,469
V23A	Elementary School (Potomac Shores Area)	314A	\$ 3,146,680	\$ -	\$ (10,879)	\$ 3,135,801
V23A	Rosemount Lewis ES (Innovation ES)	317A	\$ 250,000	\$ -	\$ (55,911)	\$ 194,089
V23A	Occoquan ES Replacement	326H	\$ 9,840,000	\$ -	\$ (592,916)	\$ 9,247,084
V23A	Ellis ES - Chiller Replacement (Upsize)	327C	\$ -	\$ -	\$ 414,428	\$ 414,428
V23A	Springwoods ES Replace Addition Rooftops (Humidity) & Chiller	332E	\$ -	\$ -	\$ 452,048	\$ 452,048
V23A	Pennington TS - Addition	340F	\$ -	\$ -	\$ 334,073	\$ 334,073
V23A	Washington Reid HVAC Full Replacement	341C	\$ 2,017,000	\$ -	\$ (2,017,000)	\$ -
V23A	Sinclair ES - Parking Improvements	362K	\$ -	\$ -	\$ 1,495,761	\$ 1,495,761
V23A	Bennett ES - Chiller Replacement	365G	\$ -	\$ -	\$ 466,711	\$ 466,711
V23A	Coles ES - Boiler Replacement	366K	\$ -	\$ -	\$ 219,205	\$ 219,205
V23A	Bel Air ES - HVAC	367C	\$ -	\$ -	\$ 762,867	\$ 762,867
V23A	Neabsco ES - Elevator Repl and Exterior ADA	370F	\$ 3,325,000	\$ -	\$ (1,922,328)	\$ 1,402,672
V23A	Bristow Run ES - Renewal	386E	\$ -	\$ -	\$ 280,984	\$ 280,984
V23A	Swans Creek ES - Renovation	389D	\$ 3,764,000	\$ -	\$ 4,348,393	\$ 8,112,393
V23A	Cedar Point ES - Renovation	390D	\$ 6,592,885	\$ -	\$ 3,693,681	\$ 10,286,566
V23A	Signal Hill ES - Renewal	397D	\$ -	\$ -	\$ 294,446	\$ 294,446
V23A	Marsteller MS Construct Secure Vestibule	421C	\$ 1,250,000	\$ -	\$ (1,092,887)	\$ 157,113
V23A	Unity Braxton MS - Fencing	448S	\$ -	\$ -	\$ 378,391	\$ 378,391
V23A	Unity Braxton MS - Gym Floor Replacement	448T	\$ -	\$ -	\$ 195,166	\$ 195,166
V23A	Parkside Ms - Renewal	450N	\$ 70,000	\$ -	\$ (1,693)	\$ 68,307
V23A	Graham Park MS - Fenestration	451M	\$ 200,000	\$ -	\$ (11,978)	\$ 188,022
V23A	Fred Lynn MS - Renovation	452R	\$ 2,500,000	\$ -	\$ 736,255	\$ 3,236,255
V23A	Woodbridge MS - Renovation	456S	\$ -	\$ -	\$ 1,049,763	\$ 1,049,763
V23A	Rippon MS - Roof Replacement	459N	\$ 2,100,000	\$ -	\$ 5,916	\$ 2,105,916
V23A	Rippon MS - HVAC Replacement	459Q	\$ 515,100	\$ -	\$ 2,229,974	\$ 2,745,074
V23A	Bull Run MS Construct Secure Vestibule	492D	\$ 1,250,000	\$ -	\$ (1,030,255)	\$ 219,745
V23A	Gainesville MS Construct Secure Vestibule	496E	\$ 1,250,000	\$ -	\$ (1,092,404)	\$ 157,596
V23A	Woodbridge HS Internal Modifications	5063	\$ 2,500,000	\$ -	\$ (1,965,712)	\$ 534,288
V23A	Woodbridge HS - Fenestration	506T	\$ 5,117,655	\$ -	\$ 215,441	\$ 5,333,096
V23A	Woodbridge HS - Cosmetology Lab Reno	506U	\$ 1,019,000	\$ -	\$ (370,317)	\$ 648,683
V23A	Woodbridge HS all RTUs	506V	\$ -	\$ -	\$ 1,119,863	\$ 1,119,863
V23A	Osborn Park HS - Artificial Turf	508V	\$ 5,479,790	\$ -	\$ (735,325)	\$ 4,744,465
V23A	Gainesville HS - Site Improvements	513C	\$ 1,275,000	\$ -	\$ (919,141)	\$ 355,859
V23A	Gainesville HS - Gym Floor Replacement	513D	\$ -	\$ -	\$ 102,739	\$ 102,739
V23A	Potomac HS - Tennis Court Paving	514P	\$ -	\$ -	\$ 902,710	\$ 902,710
V23A	14th HS Site Building, New	517A	\$ 16,210	\$ -	\$ -	\$ 16,210
V23A	Patriot HS Stadium Turf & Track & Playfield Replacement	542D	\$ 1,500,000	\$ -	\$ -	\$ 1,500,000
V23A	Brentsville HS - Artificial Turf	553P	\$ 25,000	\$ -	\$ (24,126)	\$ 874
V23A	Brentsville HS - Renovation	553R	\$ 2,117,000	\$ -	\$ (2,031,838)	\$ 85,162
V23A	Brentsville HS - Chiller Replacement	553S	\$ 5,500,000	\$ -	\$ (5,349,820)	\$ 150,180
V23A	Brentsville HS - Turf Management Program Facility	553T	\$ 4,500,000	\$ -	\$ (4,230,715)	\$ 269,285
V23A	Unity Reed HS - Interior Bleacher Replacement	568Z	\$ -	\$ -	\$ 642,900	\$ 642,900
V23A	GarField HS HVAC all RTUs	5692	\$ 6,174,000	\$ -	\$ 4,004,750	\$ 10,178,750
V23A	Gar-Field HS Fenestration	569Y	\$ 4,424,660	\$ -	\$ (352,182)	\$ 4,072,478
V23A	Gar-Field HS Artificial Turf/Concession Bldg	569Z	\$ 4,160,000	\$ -	\$ (345,775)	\$ 3,814,225
V23A	Hylton HS Renewal	571M	\$ 1,750,000	\$ -	\$ (166,615)	\$ 1,583,385
V23A	Hylton HS - ADA Bathroom SPED	571V	\$ -	\$ -	\$ 186,678	\$ 186,678
V23A	Forest Park HS - Roof Replacement	587F	\$ 1,950,000	\$ -	\$ (121,655)	\$ 1,828,345
V23A	KLC - Revolving Door Replacement	604D	\$ 930,000	\$ -	\$ (455,424)	\$ 474,576
V23A	KLC - Interior Modifications	604E	\$ 2,800,000	\$ -	\$ (429,974)	\$ 2,370,026
V23A	KLC - Kitchen Area Renovation	604G	\$ -	\$ -	\$ 917,290	\$ 917,290
V23A	Security Operation Center - Bldg 19 Renovation	619B	\$ 1,300,000	\$ -	\$ (38,104)	\$ 1,261,896
V23A	Transportation - Brentsville Renovation	702B	\$ 5,550,000	\$ -	\$ (2,337,103)	\$ 3,212,897
V23A	Various Locations CTE Woodworking Lab Conversions	CTEW	\$ 1,100,000	\$ -	\$ (444,344)	\$ 655,656
V23A	Energy Conservation Measures	ENRG	\$ 6,000,000	\$ -	\$ (1,073,538)	\$ 4,926,462
V23A	Security Upgrades	SECU	\$ 1,220,000	\$ -	\$ (180,157)	\$ 1,039,843
Total			\$ 141,380,000	\$ -	\$ -	\$ 141,380,000

Elementary School Construction Cost Comparatives

Elementary School Construction Cost Data

2003-04 through 2025-26

Elementary School	Building Square Footage	School Construction Contract			Building Cost		Site Cost	
		Bid Date	Contract Total	Contract Cost Per Sq Ft	Bldg Cost Total	Bldg Cost Per Sq Ft	Site Cost Total	Site Cost Per Sq Ft
Potomac Shores Area Elementary School	153,000	Apr-25	\$55,400,000	\$362.09	\$52,231,140	\$341.38	\$3,168,860	\$20.71
Occoquan Elementary School (Repl)	119,710	Mar-24	\$60,917,000	\$508.87	\$52,237,963	\$436.37	\$8,679,037	\$72.50
Woodbridge Area Elementary School	129,903	Jan-23	\$45,533,000	\$350.52	\$39,291,000	\$302.46	\$6,262,000	\$48.21
Innovation Elementary School	116,500	Jan-21	\$35,000,000	\$300.43	\$25,100,000	\$215.45	\$9,900,000	\$84.98
John D. Jenkins Elementary School	100,264	Feb-18	\$27,209,000	\$271.37	\$19,624,164	\$195.72	\$7,584,836	\$75.65
Covington-Harper Elementary School	101,528	Feb-16	\$20,831,000	\$205.17	\$15,981,000	\$157.40	\$4,850,000	\$47.77
Kilby Elementary School (Repl)	98,976	Mar-15	\$21,888,000	\$221.14	\$15,788,000	\$159.51	\$6,100,000	\$61.63
Kyle Wilson Elementary School	106,854	Feb-15	\$20,753,000	\$194.22	\$16,753,000	\$156.78	\$4,000,000	\$37.43
Chris Yung Elementary School	107,273	Dec-13	\$20,286,000	\$189.11	\$16,186,000	\$150.89	\$4,100,000	\$38.22
Haymarket Elementary School ⁵	99,135	Jan-13	\$18,788,000	\$189.52	\$14,396,000	\$145.22	\$4,392,000	\$44.30
T. Clay Wood Elementary School ⁴	104,958	Feb-10	\$13,859,000	\$132.04	\$12,437,000	\$118.50	\$1,422,000	\$13.55
Piney Branch Elementary School	104,958	Feb-10	\$15,799,000	\$150.53	\$12,999,000	\$123.85	\$2,800,000	\$26.68
Triangle Elementary School (Repl)	103,679	Feb-08	\$19,769,000	\$190.68	\$16,169,000	\$155.95	\$3,600,000	\$34.72
Yorkshire Elementary School (Repl)	106,614	Jun-07	\$18,863,000	\$176.93	\$16,292,000	\$152.81	\$2,571,000	\$24.12
Samuel L. Gravely Elementary School	95,074	Feb-07	\$17,250,000	\$181.44	\$15,449,000	\$162.49	\$1,801,000	\$18.94
Fannie Fitzgerald Elementary School ³	106,170	Feb-07	\$17,580,000	\$165.58	\$15,880,000	\$149.57	\$1,700,000	\$16.01
Buckland Mills Elementary School	89,911	Feb-05	\$12,765,000	\$141.97	\$10,245,000	\$113.95	\$2,520,000	\$28.03
Rosa Parks Elementary School	83,084	Feb-05	\$12,277,000	\$147.77	\$9,622,000	\$115.81	\$2,655,000	\$31.96
Glenkirk Elementary School	83,084	Feb-04	\$11,711,000	\$140.95	\$8,364,000	\$100.67	\$3,347,000	\$40.28
Victory Elementary School ²	89,911	Feb-04	\$11,380,000	\$126.57	\$9,505,000	\$105.72	\$1,875,000	\$20.85
Mary Williams Elementary School ¹	83,084	Feb-03	\$10,570,000	\$127.22	\$8,061,000	\$97.02	\$2,509,000	\$30.20
Suella Ellis Elementary School	76,724	Feb-03	\$8,869,000	\$115.60	\$7,638,000	\$99.55	\$1,231,000	\$16.04
Mary Porter Traditional School	71,245	Feb-03	\$8,945,000	\$125.55	\$7,338,000	\$103.00	\$1,607,000	\$22.56

¹ Actual bid was 12.570. Approximately 2.0 million is for site work associated with adjacent middle school. For project comparison purposes bid amount and site sq. ft. amounts have been adjusted accordingly.

² This site was pre-graded by the developer, value approximately 1.2 million. For project comparison purposes add 13.35 to project sq. ft. cost and to site sq. ft. cost.

³ This site was pre-graded by the developer, value approximately 700K. For project comparison purposes add 6.59 to project sq. ft. cost and to site sq. ft. cost.

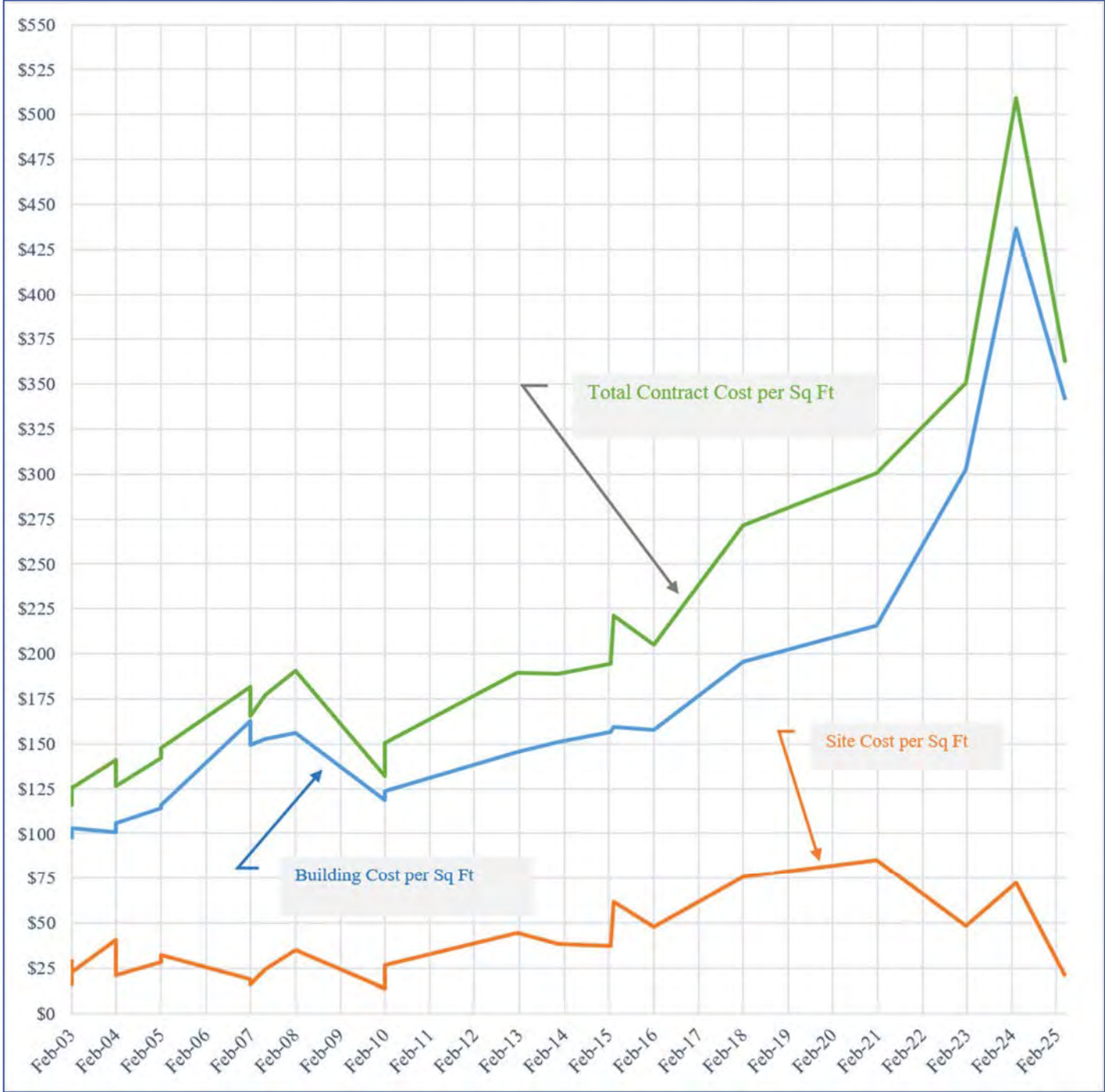
⁴ This site was pre-graded which included partial utilities infrastructure and bus loop as part of the adjacent high school project, value approximately \$650K. For project comparison purposes add 6.19 to project sq. ft. cost and to site sq. ft. cost.

⁵ This site was heavily wooded and contained \$845k in offsite utility / roadwork cost.

* A separate strings classroom was added to the architectural program beginning with the design of the T.C. Wood Elementary School

Elementary School Construction Costs Per Square Foot

2003-04 through 2025-26



Appendix E

Energy and Sustainability

- o **Introduction**
- o **Energy Conservation**
- o **Sustainability**
- o **Energy Infrastructure Improvements**
- o **Utilities**

Energy & Sustainability

Introduction

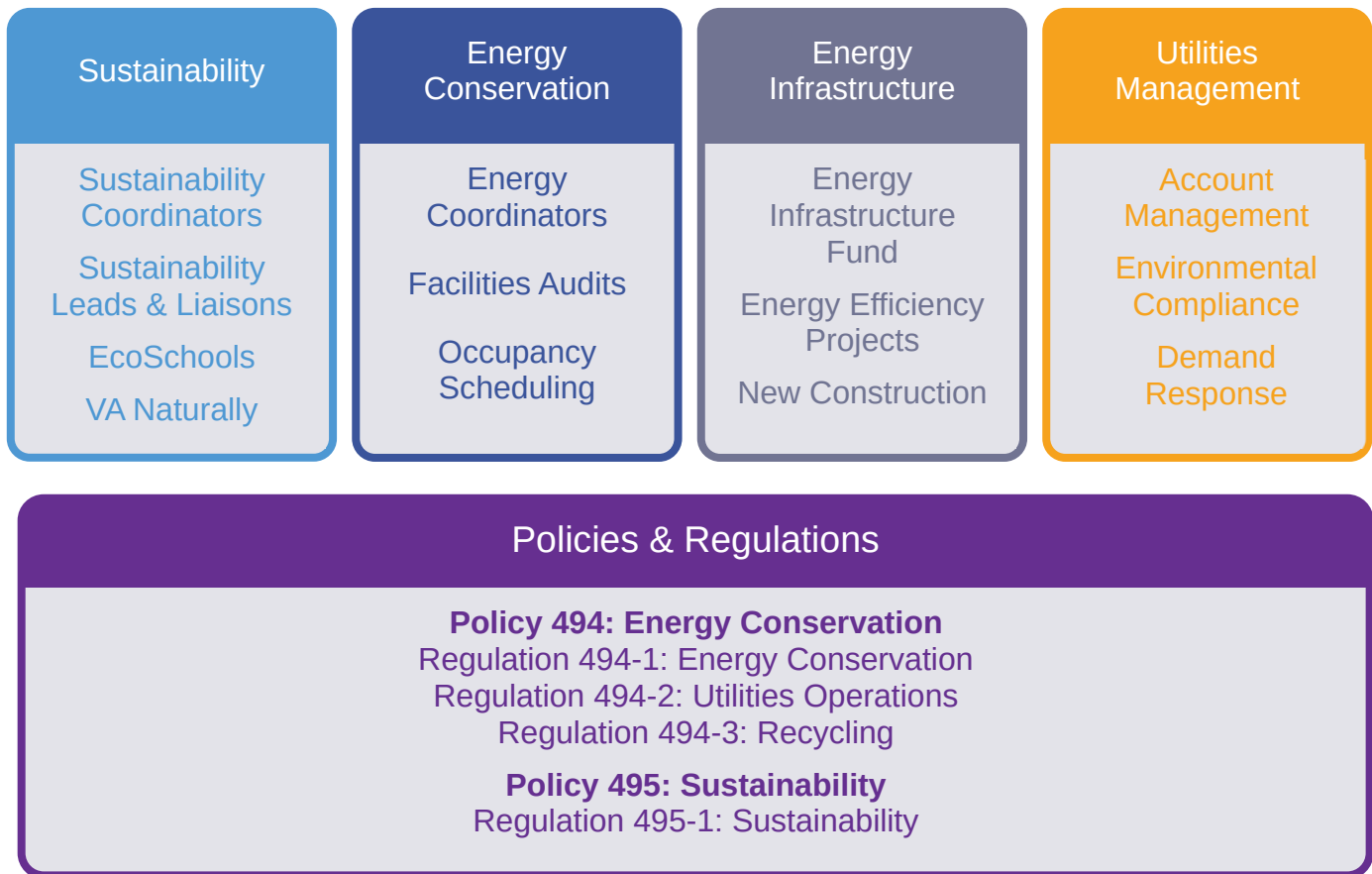
PWCS takes a comprehensive approach to energy conservation and environmental stewardship. Policy 494 emphasizes the division's responsibility to conserve energy and natural resources. Policy 495 supports a strong sustainability program aimed at reducing the division's greenhouse gas emissions, protecting the environment, and enhancing the overall user experience.

While the Facilities Department oversees these efforts, each school and facility appoints a site administrator responsible for supporting and implementing energy conservation and sustainability practices at their location.

Following Regulations 494-1 and 495-1, the program is led by a team that includes the Supervisor of Energy Management and Sustainability, Energy Coordinators, and Sustainability Coordinators. All implementation decisions are guided by practical, common-sense principles.

To track progress, the Facilities Department maintains accurate records of energy use, costs, and emissions for each site, ensuring measurable and verifiable results.

Figure 1 - Key components of the PWCS Energy & Sustainability program.



Energy Coordinators

Energy Coordinators play a key role in promoting energy accountability across all levels of Prince William County Public Schools. They are responsible for developing, implementing, and monitoring the division's energy management program in alignment with School Board-approved policies aimed at reducing utility use and greenhouse gas emissions.

The core responsibilities of the Energy Coordinators include:

- Program administration and recordkeeping
- Ensuring accountability and compliance with energy policies
- Implementing energy-saving initiatives
- Encouraging staff and student participation across the division
- Reporting on program outcomes
- Verifying adherence to energy management guidelines
- To track performance, they use CarbonHub to monitor greenhouse gas emissions and EnergyCAP to analyze energy usage trends.

Energy Coordinators are essential to the success of PWCS's energy conservation efforts, helping to reduce costs and redirect savings to where they matter most—supporting students in the classroom.

Facility Energy Audits and Dashboards

Energy Coordinators will conduct regular audits at all PWCS sites. During the school week, audits focus on evaluating how well staff understand and apply Policy 494 and Regulation 494-1. After-hours and low-occupancy periods—such as holidays, school closures, and extended shutdowns—are the primary times for conducting in-depth audits to assess energy use when buildings are minimally occupied. These audits help ensure consistent energy conservation practices across the division.

The Energy & Sustainability team also creates [divisionwide and site-specific dashboards](#) that detail the energy use, water consumption, and emissions at each PWCS site. Schools can request more detailed data for exploration or for use as part of a lesson. The Energy Coordinators are available to support school staff and students in exploring utility data for their school and the division.

Facility Occupancy Scheduling

Effective facility use and scheduling are essential to energy management in Prince William County Public Schools (PWCS). Each building is evaluated for occupancy and usage patterns to identify times of low or no activity. During these periods, automated building control systems adjust mechanical operations—such as heating and cooling—to reduce energy consumption.

Schedules are reviewed regularly and updated based on seasonal changes and system performance.

Schools hosting events outside of regular hours must enter those activities into the division's facility scheduling software. According to Regulation 494-1 (Energy Conservation), HVAC systems automatically switch to unoccupied settings after hours, on weekends, and during holidays. If heating or cooling is needed for an event, staff must check the HVAC box in the scheduling request. If this step is missed, HVAC service will not be provided.

Per Regulation 930-1 (Community Use of School Facilities):

- Commercial events must be submitted at least 30 business days in advance.
- All other events must be submitted at least 15 business days in advance.

This ensures HVAC and other services can be scheduled appropriately.

Figure 2 - Estimated cost avoided since the start of PWCS' energy management program.

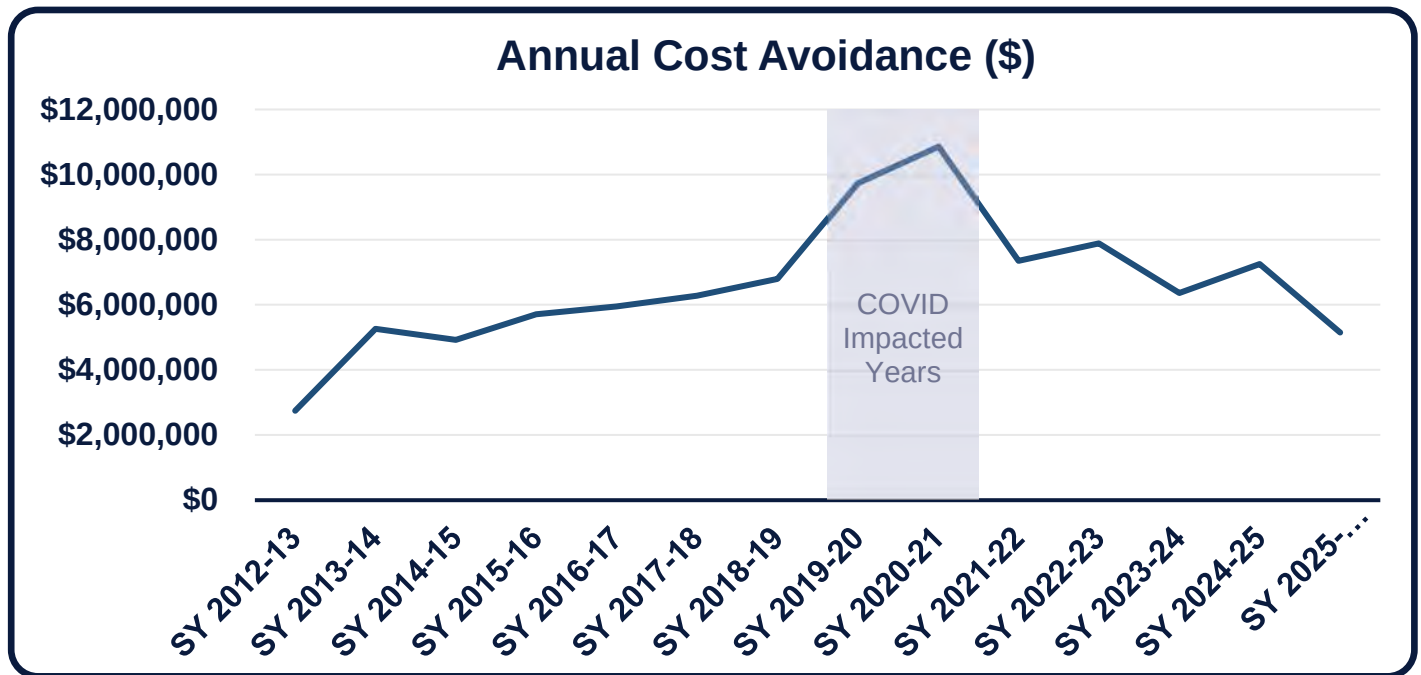


Table 1 - Estimated cost avoided since the start of PWCS' energy management program.

School Year	Annual Cost Avoidance (\$)	Avg. Annual Cost Avoid (%)
SY 2012-13	\$2,748,890	12.7%
SY 2013-14	\$5,259,879	21.9%
SY 2014-15	\$4,921,547	20.0%
SY 2015-16	\$5,708,153	23.2%
SY 2016-17	\$5,946,215	23.9%
SY 2017-18	\$6,278,852	24.0%
SY 2018-19	\$6,791,655	25.1%
SY 2019-20	\$9,755,719	34.7%
SY 2020-21	\$10,875,343	40.1%
SY 2021-22	\$7,347,135	26.7%
SY 2022-23	\$7,883,563	25.6%
SY 2023-24	\$6,360,631	21.5%
SY 2024-25	\$7,250,167	24.6%
SY 2025-26*	\$5,149,338	23.7%
Total	\$92,277,087	24.9%
Total (excluding COVID-impacted years)	\$79,284,559	22.5%

*Eight months only

Sustainability Coordinators

Sustainability Coordinators lead efforts to implement and track sustainability goals across the Prince William County Schools. This role develops and manages the Division's Sustainability Program in alignment with School Board policies, aiming to reduce environmental impact and advance sustainability within schools and across the division.

The core responsibilities of the Sustainability Coordinators include:

- Program administration, tracking, and reporting
- Ensuring accountability and compliance with sustainability policies
- Implementing sustainability initiatives
- Encouraging staff and student participation in PWCS sustainability efforts

Sustainability Coordinators are essential to the success of PWCS's sustainability programs, helping to reduce the Division's environmental impacts through waste reduction, environmental literacy, and other aligned efforts.

Sustainability Liaisons

The Sustainability Liaison plays a vital part in promoting environmental awareness at each school or facility. Acting as a representative of the Energy & Sustainability team, the liaison helps spread the message of environmental leadership within their site.

Liaisons are encouraged to:

- Start conversations about sustainability and energy conservation
- Support school-wide efforts to build a culture of sustainability
- Use resources provided by the Facilities Department to engage staff and students

Volunteers serving as site-based Sustainability Liaisons may be eligible to earn recertification hours for their participation.

Starting in the 2025-26 school year, an additional role of Sustainability Lead was established to support the Sustainability Liaisons. The Lead serves as a mentor for the Liaisons and acts as a conduit between the Energy & Sustainability team and the school-based Liaisons. This added position ensures the Sustainability Liaisons have access to all the resources and support they need to bring sustainability and conservation to their schools.

Sustainability Education

The PWCS Facilities Department supports the division's new *PWCS Elevate 2030 Strategic Plan* by incorporating energy and sustainability education for both students and staff.

The Energy & Sustainability team helps develop and implement place-based, project-based learning activities focused on:

- Energy and water conservation
- Waste reduction and recycling
- High-performance, sustainable school facilities

These activities enhance STEAM (Science, Technology, Engineering, Art, and Math) education while promoting environmental awareness. Students gain hands-on experience solving real-world environmental challenges in their schools and communities, fostering civic engagement.

A key component of this educational effort is the annual EcoQuest (formerly Energy Challenge), where participating schools and their Sustainability Liaisons can receive funds to support sustainability initiatives. The EcoQuest program and funding amounts are being redesigned for the 2025-26 school year.

PWCS also offers a sustainability-focused professional development program for staff and teachers. This program equips educators with the skills to:

- Create indoor and outdoor experiential learning spaces
- Integrate environmental literacy into the curriculum
- Identify features that support or hinder sustainable classrooms
- Use school buildings as teaching tools to model environmental responsibility

Sustainability and Environmental Recognition

The Energy & Sustainability team supports schools in applying for other school-specific recognition programs, including the National Wildlife Federation's EcoSchools U.S. program and the Virginia Department of Wildlife Resources' Virginia Naturally program.

The Green Ribbon Schools program, sponsored by the U.S. Department of Education, honors schools and districts that demonstrate excellence in environmental sustainability, energy efficiency, community engagement, and student health and wellness.

Prince William County Public Schools (PWCS) received national recognition in the district category in 2021. Several individual schools have also earned this prestigious award:

- Coles Elementary School – 2015
- Freedom High School – 2023
- Dale City Elementary School – 2024
- Mullen Elementary School – 2024
- Belmont Elementary School – 2025¹

In addition to Belmont Elementary's recognition as a sustainability leader, PWCS received several other accolades, including:

- Forest Park High School awarded the EcoSchools U.S. Green Flag, the program's highest designation,
- 30 PWCS schools acknowledged for exemplary efforts to increase environmental literacy of students, the largest number of schools of any division in the commonwealth,
- PWCS' Environmental Literacy program recognized as Educational Sector Awardee by Metropolitan Washington Council of Governments,
- PWCS named a 2026 Governor's Environmental Excellence Awards Gold Medal Winner, recognized for sustainability and environmental responsibility.



These achievements reflect PWCS's ongoing commitment to creating healthy, sustainable learning environments.

¹ The Virginia State Department of Education nominated Belmont Elementary School for a 2025 Green Ribbon Schools Award. However, the U.S. Department of Education did not award national recognition as part of the Green Ribbon Schools program in 2025. In the absence of federal recognition, two dozen supporting organizations, including the U.S. Green Buildings Council's Center for Green Schools, recognized Belmont Elementary and other state nominees for their "significant strides toward reducing environmental impact, protecting health and wellbeing, and increasing environmental and sustainability literacy."

Energy Infrastructure Improvements

Energy Infrastructure Funds

The PWCS Capital Improvement Program (CIP) allocates a portion of projected energy savings toward infrastructure upgrades that enhance efficiency and generate additional long-term savings. These investments support the Facilities Department's broad priorities while delivering measurable Return on Investment (ROI).

The Energy & Sustainability team collaborates with stakeholders across the division to identify and prioritize impactful projects.

Examples of eligible infrastructure improvements include:

- Converting heating systems from fuel oil to natural gas to lower operating costs
- Installing and upgrading building management systems for better control and efficiency
- Implementing lighting control systems to reduce energy use
- Replacing outdated or inefficient mechanical equipment through lifecycle modernization
- Improving building envelopes, including insulation, windows, doors, and exterior materials
- Installing sensors to measure energy quality and indoor air quality
- Adding sustainability-focused features that support learning, such as:
 - o Outdoor classrooms and activity trails
 - o Renewable energy installations
 - o Feasibility studies and civil engineering training opportunities

These improvements not only reduce energy consumption but also enhance educational opportunities and support the division's long-term sustainability goals.

Table 2 - Anticipated Annual Energy Infrastructure Funding Priorities through SY 2030-31

Energy Infrastructure Improvement Project	SY 2027-28 - SY 2030-31
Building Automation Improvements, Indoor Air Quality Monitoring	\$200,000
Monitoring Based Analytics, Retrocommissioning	\$350,000
LED Lighting Retrofits	\$50,000
Equipment and Mechanical Infrastructure	\$50,000
Building Envelope/Thermal Insulation	\$50,000
Third-Party Energy Audits/Feasibility Studies	\$200,000
Water Conservation	\$50,000
Outdoor Learning Environments	\$50,000
Total	\$1,000,000

Table 3 – Planned Energy Infrastructure Improvement Projects for Fiscal Year 2026

Location	Project Scope
Divisionwide	Building Automation Improvements
King ES, Saunders MS, Parkside MS, Osbourn Park HS, Sudley ES, Westgate ES, Hylton HS, Forest Park HS, Unity Braxton MS, Rippon MS, Buckland Mills ES	LED Lighting Retrofits
Marshall ES, Neabsco ES	Performance Contracting
Divisionwide	Predictive Maintenance Analytics
Benton MS, Nokesville K-8, Unity Braxton MS, Parkside MS	Retrocommissioning

Table 4 – Potential Energy Infrastructure Improvement Projects for Fiscal Year 2027

Location	Project Scope
Divisionwide	Building Automation Improvements
Divisionwide	LED Lighting Retrofits
Divisionwide	Performance Contracting
Divisionwide	Predictive Maintenance Analytics
Divisionwide	Retrocommissioning
Divisionwide	Indoor/Outdoor Air Quality (IAQ/OAQ) Monitoring

Construction

The Facilities Department is dedicated to building energy-efficient, high-performance schools. During the design and development of all new construction, renovations, and alterations, the Energy & Sustainability team reviews all energy-consuming systems to ensure alignment with the *PWCS Sustainable Design Principles for High-Performance Buildings*.

The Supervisor of Energy & Sustainability works closely with the Supervisor of Construction to finalize energy-related specifications and construction details.

These efforts support the strategic goals outlined in Commitment 2, Objective 2.3 of the *PWCS Elevate 2030 Strategic Plan*. Leading into PWCS' new strategic plan, the division recently completed its first Net-Zero Energy school.

Occoquan Elementary School was selected as the first Net-Zero Energy school replacement in PWCS. The project incorporates sustainable design strategies to minimize environmental impact and maximize energy efficiency. Key features include:

- Optimized solar orientation for maximum energy generation
- Daylighting and indoor environmental quality enhancements
- Ground source heat pump for efficient heating and cooling
- Target Energy Use Intensity (EUI) of 24
- Photovoltaic (PV) solar array to generate on-site renewable energy
- Educational signage throughout the building and grounds to support environmental literacy

All new construction and major renovation projects follow the *PWCS Sustainable Design Principles for High-Performance Buildings*, which provide guidance on:

- Third-party certifications
- Environmental impact
- Materials and resource selection
- Energy and water efficiency
- Life-cycle cost analysis
- User experience
- Commissioning and sustainability reviews

The Energy & Sustainability team continues to advocate year-round for conservation strategies and sustainable practices in design, construction, maintenance, and operations across all PWCS facilities.

Utilities

Account Management

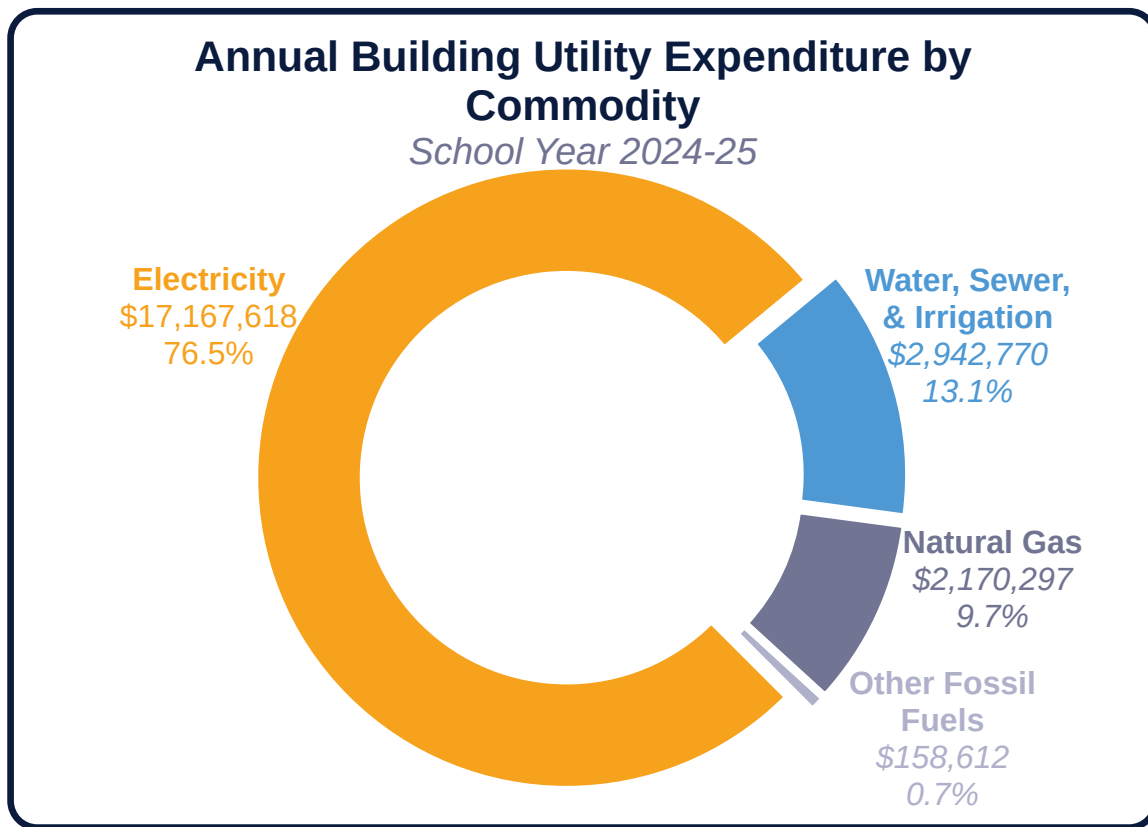
Regulation 494-2 outlines the responsibilities and procedures for managing utilities within PWCS, under the oversight of the Facilities Department. The Energy & Sustainability team is responsible for ensuring the delivery of utility services and providing technical support for the proper operation and maintenance of school facilities.

All utility invoices are processed using EnergyCAP, a customized utility management software. The Supervisor of Energy & Sustainability serves as the primary liaison for third-party utility providers and private service contracts.

Utilities covered under this regulation include heating fuels, electrical services, and water and sewer services.

To promote transparency and community engagement, utility billing data for all PWCS sites is now publicly accessible through the PWCS Energy & Sustainability website.

Figure 3- Annual Building Utility Expenditure by Commodity for SY 2024-25



Environmental Compliance

Before any heating fuel is procured, delivered, or paid for, the Supervisor of Energy Management & Sustainability coordinates with the Administrative Coordinator for Environmental Services. This coordination ensures proper delivery procedures are followed, spill control measures are in place, and the quantity delivered is verified.

The Supervisor of Energy & Sustainability is also responsible for submitting the required annual report on stored fuel quantities to the Department of Environmental Quality.

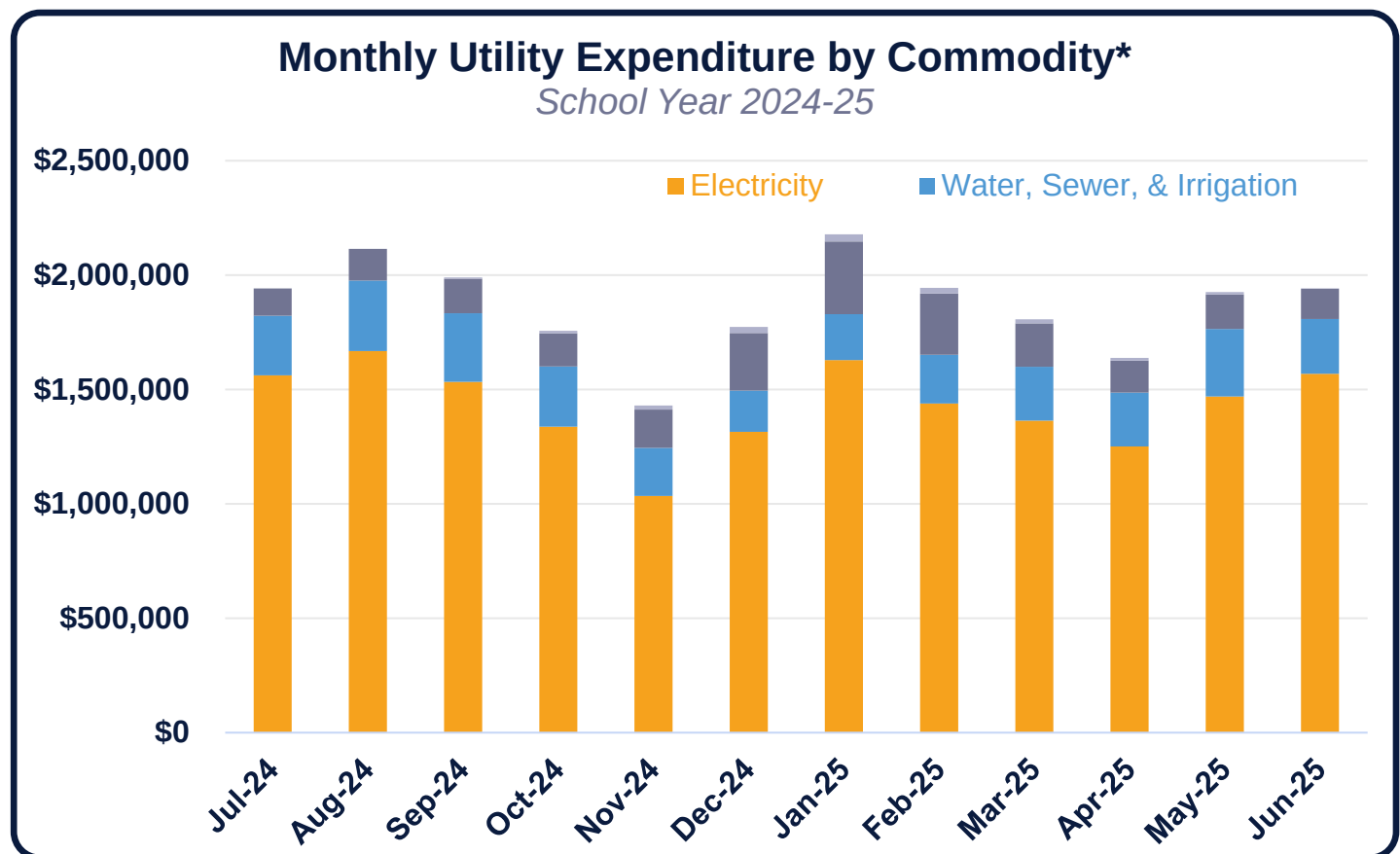
Demand Response

Due to limitations in available electrical utility capacity and increasing demand, utility providers sometimes need to manage electricity distribution to prevent overloading the grid. One method they use is demand response, which encourages customers to voluntarily reduce their energy use during peak periods—typically in the summer—when the grid is under the most stress.

Utility companies often subcontract the administration of these demand response programs. When enrolled, customers receive notifications during critical periods and are asked to temporarily reduce their energy consumption. In return, they may receive rebates based on how much energy they successfully curtail.

For Prince William County Public Schools (PWCS), summer break presents an ideal opportunity to participate in demand response programs. Since many school facilities already operate on a reduced schedule during this time, PWCS can take advantage of the program with minimal disruption. Participation not only supports grid stability but also offers a potential revenue stream through utility incentives.

Figure 4 - Annual Utility Expenditure by Commodity for SY 2024-25*



* One of PWCS' electricity utility providers issues annual refunds in the month of November. Because of this, utility costs for that month are significantly lower than typical. Electricity consumption for November is typically similar to that in October and December.