

FAIRFAX COUNTY PUBLIC SCHOOLS

CIP

Capital Improvement Program




ADOPTED | FY 2022-26



December 17, 2020

MEMORANDUM

TO: School Board

FROM: Scott S. Brabrand, Ed.D. 

SUBJECT: Capital Improvement Program (CIP) Fiscal Year (FY) 2022-26

I am pleased to submit to you the proposed Capital Improvement Program (CIP) for the Fiscal Year (FY) 2022-26.

Since School Year (SY) 2011-12, student membership in Fairfax County Public Schools (FCPS) has grown by an average of over 1,300 students each year for a total membership growth of more than 10,000 students. This year, between SY 2019-20 to SY 2020-21, the total September 30th membership decreased by -8,859 students for a total membership of 180,151 students. The COVID-19 pandemic has had an impact on membership at several school divisions in the country, including FCPS. In addition to an overall decline of student membership, FCPS has a lower birth to kindergarten ratio and a negative net migration for SY 2020-21. Whether these trends are temporary for this school year will depend on many factors, including the future course of the pandemic and economic conditions.

The changing conditions of the COVID-19 pandemic and a virtual start to school have impacted several elements that are part of the CIP approach. A five-year projection set has not been produced as the possible future impact of the unique decline in membership for SY 2020-21 will depend on many factors, including the future course of the pandemic and economic conditions. An assessment of facility capacity was not completed, and program capacity utilization was not calculated due to a virtual start to the school year and ongoing planning for a return to school with social distancing which required using all available rooms for core instruction. The FY 2022-26 CIP focuses on capital projects, including new school construction, capacity enhancements, and renovations. This CIP is modified to provide the schedule of capital projects and adds detailed project pages about the status and funding of upcoming capital projects.

FCPS continues to experience uneven growth throughout the division for various reasons, including changes in population, new development, and migration. These trends of growth are inconsistent across the county and continue to present a facilities capacity challenge. The school system struggles to provide sufficient capacity in our schools. Despite the planned additional capacity intended to address projected needs, uneven membership growth throughout the county will necessitate the continuation of small- and large-scale boundary adjustments to take advantage of available capacity whenever it is practicable to do so.

The capital funding stream shown in the FY 2022-26 CIP reflects \$360 million approved by county voters in the 2019 School Bond Referendum. This funding will allow for the construction of one new elementary school, the relocation of one modular addition, the construction of three high school additions, and renovations of five elementary schools and two middle schools. The bond also included funding for the planning of one new elementary school and the renovations of five elementary schools.

Funding for capital improvement projects is currently limited by a \$180 million yearly cap on General Obligation Bonds by the financial management principles of the Fairfax County Board of Supervisors. Providing the additional new schools and capacity enhancements required to accommodate membership growth will cause delays in the schedule of many future renovation projects. Fairfax County government and FCPS staff have been working to develop ideas and strategies for the future that will better integrate the needs of both capital programs and identify areas for improvement. The School Board and Board of Supervisors formed a committee in FY 2014 to study ways to solve the long renovation cycle of our schools due to the limited capital funding available. The Infrastructure Finance Committee recognized that the bond items which pertain to the replacement of key infrastructures such as roofs, parking lots, and mechanical systems were delaying the implementation of school renovations and established an annual transfer for infrastructure management. This year, the Board of Supervisors transferred \$13.1 million to FCPS to offset the infrastructure replacement, benefiting renovation projects in the near future.

Project costs have also been updated in this document to reflect those currently being experienced. As a result, the FY 2022-26 five-year capital requirement totals approximately \$1.1 billion. The five-year requirement represents roughly 58 percent of approximately \$1.9 billion total CIP cost for FY 2022-31. Funds approved in the 2019 School Bond Referendum and previous referenda will address approximately \$337 million of the five-year requirement leaving a balance of approximately \$790 million unfunded. We anticipate the next bond referendum in the fall of 2021.

Capital improvement requirements for the ensuing five-year period (FY 2027-31) have been included in the CIP to conform to Fairfax County's CIP format. Approximately \$1 billion in capital project requirements are included within this out-year time frame.

We continue to enhance the CIP to assist readers in understanding our long term goals as we continue to contend with changing demographics and limited capital funding. New to this version of the CIP is the additional capital projects pages which provide information on the membership, capacity, capital project funding sources, and expenditures. Also included is information on the Net Zero Energy (NZE) and Net Zero Ready (NZR) study.

SSB/kv
Attachment

cc: Leadership Team

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Staff acknowledges and thanks the members of the Facilities Planning Advisory Council (FPAC) for their contributions to the preparation of the FY 2022–26 Capital Improvement Program.

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Additional information about FPAC can be found online at
www.fcps.edu/committee/fpac-facilities-planning-advisory-council.



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HIGHLIGHTS

SUMMARY HIGHLIGHTS

The Fiscal Year (FY) 2022-26 Capital Improvement Program (CIP) has been modified due to changing conditions related to the COVID-19 pandemic and the virtual start to school. The CIP, as in previous years, updates and builds upon the previously approved program of capital expenditures. The CIP project schedule assumes continuation of an annual limit of \$180 million, imposed by the Fairfax County Board of Supervisors (FCBOS), with regard to general obligation bond funding. School construction projects approved in the November 2019 School Bond Referendum are included in this CIP as funded projects.

The COVID-19 pandemic has had an impact on Fairfax County Public Schools (FCPS) membership. FCPS saw a decline in student membership for CIP planning purposes, from 188,236 students in School Year (SY) 2019-20 to 179,542 students in SY 2020-21. FCPS began SY 2020-21 with students attending classes virtually, without classes in the school facilities. The changing conditions of the COVID-19 pandemic and the virtual start to school have impacted several elements that are part of the CIP approach. A five-year projection set has not been produced as the possible future impact of the unique decline in membership for SY 2020-21 will depend on many factors, including the future course of the pandemic and economic conditions. The CIP in years past collected classroom use information as the basis of existing conditions for facility planning. An assessment of facility capacity was not completed, and program capacity utilization was not calculated due to a virtual start to the school year, ongoing planning for a return to school with social distancing which required using all available rooms for core instruction.

The FY 2022-26 CIP focuses on capital projects, including new school construction, capacity enhancements, and renovations, continuing progress towards completing the Renovation Queue. Each year, the Capital Construction Cash Flow is updated to reflect progress on capital projects. This CIP is modified to provide the schedule of projects in the region summaries and adds detailed project pages about the status and funding of upcoming capital projects. This document provides advanced notice to school communities about capital projects. Information on the facility maintenance asset management program, maps, split feeder information, and a glossary of terms is included.

The projects included in this CIP reflect the reality that Fairfax County continues to urbanize and new housing is forecast to rise in the number of units, but the composition is anticipated to change. Forecasts of housing in Fairfax County and the City of Fairfax include larger numbers and proportions of mid-and high-rise residential developments. FCPS is monitoring these mid-and high-rise residential developments for the potential number of school-aged children that may reside in these buildings once they are occupied. The anticipation of the completion of the Silver Line Metro has already spurred higher density residential growth along that corridor which may result in an increase in students within FCPS.

The FY 2022-26 CIP continues to include the construction of a new high school in the western area of the county to provide capacity relief for high schools in the Centreville, Chantilly, Herndon, Oakton, South Lakes, and Westfield areas.

It also identifies the following:

- New school construction of four elementary schools;
- Repurposing of three facilities to schools;
- Capacity enhancements at three high schools;
- Relocation of one modular;
- Renovations of 25 elementary schools, five middle schools, and four high schools; and
- Expenditures to acquire land for future facilities.

The renovations included in this CIP are based upon several criteria, compiled and referred to as the Renovation Queue. The current renovation queue was prepared in 2008 and approved by the Fairfax County School Board (FCSB) in January of 2009. An independent architectural and engineering firm evaluated and ranked the order in which schools would be renovated. Due to the continuing increase in student membership in past school years, it should be noted that the construction of new capacity, whether it is a new school or an addition, could adversely impact the timing of renovation projects. To the extent known, any such delays are shown in this year's CIP. Although construction costs are rising, the increases will be offset by additional funding approved by the FCBO to cover infrastructure replacement costs. It is likely that a new renovation queue will need to be created by 2022.

Despite the planned additional capacity intended to address current and projected needs, uneven membership growth throughout the county will necessitate the continuation of boundary adjustments to take advantage of available capacity whenever it is practicable to do so. Potential boundary adjustment options are included in the CIP for future consideration only. Any option chosen for potential implementation will be discussed and decided through a transparent process that engages the community, in accordance with FCSB policies and regulations.

For more information about facility needs, visit our web page at www.fcps.edu/about-fcps/facilities-planning-future/capital-improvement-program.

IMPORTANT NOTE

The FCPS FY 2022–26 Capital Improvement Program (CIP) is a planning and fiscal management tool used to coordinate the location, timing, and funding of projects over a five-year period. The CIP includes the proposed capital improvement projects, a year-by-year schedule of anticipated spending, and actual and estimated costs. The CIP is a working document and is updated annually to reflect changing conditions within our schools and communities. Additionally, it offers a broader planning schedule in order to focus staff efforts and community conversations. FCPS faces significant capacity challenges that require strategic decisions about boundaries, capacity enhancements, new schools, and programmatic changes. Parallel work is also underway to design a new, more systematic approach to future decision-making processes that impact facilities planning.



OVERVIEW

OVERVIEW

The Fairfax County Public Schools (FCPS) Capital Improvement Program (CIP) evaluates shifts in the total number of students relative to equitable access to all educational opportunities within the school district. Equitable access involves the distribution of programs and facilities throughout the division in response to changes in the demand for capacity within individual schools related to growth and/or programmatic needs.

The annual update to the CIP is intended to examine current student membership, capital facilities data, and identify future capital needs for new construction, capacity enhancements, and facility renovations. Several elements that are part of the CIP approach have been impacted this year due to changing conditions of the COVID 19 pandemic and the virtual start to school, including the development of a five year membership projection set and the assessment of facility capacity. A five year projection set has not been produced as the possible future impact of the unique decline in membership for School Year (SY) 2020 21 will depend on many factors, including the future course of the pandemic and economic conditions. An assessment of facility capacity was not completed, and program capacity utilization was not calculated due to a virtual start to the school year, ongoing planning for a return to school with social distancing which required using all available rooms for core instruction.

Other elements, including the assessment of impacts to future membership from new residential development, an annual update to the schedule of capital projects and funding, and a facilities management program summary have been updated. Each of these elements is essential to the CIP, which has become focused upon balancing a range of demands for capacity, the renovation schedule of school buildings, and effective facilities maintenance with a limited amount of available resources.

The CIP is also informed by policies, regulations, and guiding principles of the Fairfax County School Board (FCSB), in addition to an annual report submitted by the Facilities Planning Advisory Council (FPAC).

CURRENT OPERATING ENVIRONMENT

The growth of student membership over the past several decades and the unique program offerings in FCPS has resulted in a growing demand for additional capacity within school facilities and a corresponding increase in both capital and operational funding requirements. Current challenges affecting the fiscal mitigation of these increases include the need for new construction and capacity enhancements, a growing list of facilities entering the renovation cycle, instructional program requirements, and higher transportation costs.

Capital projects are funded by general obligation bonds through the Fairfax County Board of Supervisors, and current capital funding requirements outpace the Fairfax County debt cap. Although the debt cap is necessary to maintain a high bond rating for Fairfax County, the annual cash flow of \$180 million for capital expenditures is insufficient to fund the capital requirements on the schedule of capital improvements. Furthermore, fiscal constraints on operating budgets negatively affect the ability to maintain facility resources within recommended lifecycles. Deferred maintenance has a cumulative effect that becomes more difficult to overcome as resources are directed toward immediate concerns.

PROGRAM SUMMARY

The annual CIP reviews current student membership and facilities data in order to identify future capital requirements for new construction, capacity enhancements, facility renovations, and potential site acquisitions.

Capital requirements on the CIP schedule are explained as follows:

- New school construction projects are considered when significant capacity deficits are likely to persist over time. Although this is the costliest method of accommodating student growth, it is an important option when capacity needs cannot be met within a given area of the school system. An important component of new school construction is site acquisition. Recently, construction has been completed on the new McNair Upper ES.
- Capacity enhancements are defined as permanent methods for accommodating future needs and are completed for both program changes and in response to growth. Examples of project types include the construction of additions to existing schools or installation of modular buildings. A recent capacity enhancement project includes the installation of a modular building at McLean HS to accommodate an increase in membership.
- Facility renovations are aimed at ensuring that all schools provide the facilities necessary to support current educational programs, regardless of the age of the buildings. Presently, 45 of the 63 schools in the Renovation Queue have received funding for planning or construction. Over the past seven years, 29 schools have been renovated, with six currently in construction. The current estimates based upon construction costs, available funding, and projected capacity requirements indicate that all schools within the queue will have funding for either planning or construction by the fall of 2027. It is likely that a new queue will need to be created and approved by 2022.
- Potential sites are identified in areas where a new school will be needed as the result of anticipated residential development in the long-range planning timeframe.

In addition to accounting for changes in membership and facilities data, the CIP is directed by policies, regulations, and guiding principles of FCSB. Policies are officially adopted positions, while regulations are procedures and rules for the implementation of policy positions. An annual report submitted by FPAC is also considered in development of the CIP. FPAC was established in September of 2010 to "advise and inform in the development of comprehensive, long-term plans for facilities needs in the most effective and efficient way," and an annual report is submitted to FCSB which includes recommendations to aid in future facilities planning efforts.

PROGRAM ELEMENTS

The CIP utilizes the following elements to identify the capacity needs for future students and the best strategies to address those needs. The limitations in the current and possible future budgets remain along with the urgency to address significant and continuing capacity deficits. A portion of capital spending is directed towards capacity enhancement for schools that are likely to experience continued pressures from high student membership. As previously noted, the five-year membership projection set and assessment of facility capacity have been impacted due to changing conditions of the COVID-19 pandemic and the virtual start to school.

Development of a Five-Year Membership Projection Set

FCPS produces a five-year membership projection set after each school year begins. However, this year a five-year projection set has not been produced because of the unique decrease in membership due to the impact of the COVID-19 pandemic. The projection set is used for facilities planning and to update the schedule of capital projects included in the CIP for the next five-year planning period, but this current planning period has not been updated due to gaps of information to prepare a CIP with similar information that has been presented in the past. The projection methodology and correlated assumptions are sensitive to dynamic and complex variables including economic, demographic, and urban development trends. Projections are developed through a process that begins with a data update at the individual school level, high school pyramid level, region level, and at the district level. An annual Membership Trends Report is produced to review these trends and patterns in student membership within the school division. The report includes summary data tables that compare the current and prior year membership, births, migration, and transfer conditions for the school district and by school level (elementary, middle, and high). Understanding membership changes is essential to the planning process, as the changes form the basis for additional capital planning and construction recommendations. Although the following steps describe the actions normally taken to determine capacity needs, it has been noted that capacity needs identified in this CIP are based upon the previous five-year planning period of FY 2021- 25:

Step 1: The Office of Facilities Planning Services develops the overall school system membership projection set each October for a five-year period. The projection set is used in forecasting student membership trends and future requirements and recommendations of the CIP. At the same time, each September, school facility floor plans are analyzed to determine the current capacity utilization for each school facility as it accommodates program needs. School facility capacity surplus and deficit values are established.

Step 2: Projected membership and capacities are compared. Capacity deficits and surpluses are identified.

Step 3: Recommended solutions to the capacity imbalances are developed and evaluated for both short-term and long-term accommodation needs.

Monitoring Membership Impacts from New Housing

The Office of Facilities Planning Services works with the Fairfax County government to determine the impacts that proposed residential developments may have on school facilities. A school impact analysis, including estimated student yields generated by planned and proposed development, is provided to the Fairfax County government and the appropriate FCSB members. In addition, recommendations are provided to address future school facilities needs in relation to Fairfax County long-range planning initiatives and comprehensive plan studies, including Tysons Urban Center, Reston, Dulles Suburban Center (Route 28 Corridor), Bailey's Crossroads Community Business Center (CBC), Seven Corners CBC, Huntington Transit Station Area (TSA), Franconia-Springfield TSA, Embark Richmond Highway (Route 1), Fairfax Center, Lincolnia CBC, Merrifield Suburban Center, McLean CBC, and West Falls Church TSA. These long-range planning initiatives and comprehensive plan studies are often the first step for planned new housing.

Staff conduct field verification of residential development in order to track construction status. This field verification process allows staff to gain insight into changes within a school community and helps to provide a better understanding for when and where students (as a result of new housing) may impact nearby schools.

Assessment of Facility Capacity

Understanding and accurately capturing school capacity is important to:

- ensure the most efficient use of school facilities and capital funds,
- assess appropriate program placement,
- develop student accommodation solutions,
- ensure that classroom spaces are sized appropriately and designed with flexibility in order to meet the needs of multiple and/or changing instructional programs, and
- formulate long-term facility plans.

It is important to note that school capacity is measured differently depending upon the school type. Elementary schools are calculated based upon the number of core classrooms and self-contained special education classrooms. Some middle school students are team taught, which limits the number of students to the quantity of rooms required to support a team, while others follow the departmental teaching model and must be assessed similarly to high schools. High school capacity is far more complex than that in elementary and middle schools. The capacity of a high school is based upon the required core programs and the various elective options available.

When formulating a methodology to assess capacity for elementary, middle, and high schools, it is necessary to evaluate how each individual school uses its spaces. The Office of Facilities Planning Services staff includes capacity architects who perform the assessment comparisons between membership and capacity at the division, region, high school pyramid, and individual school level. The Region Summaries section of this document, beginning on page 83, provides detailed information for current and projected capacity assessment and utilization. To view information on school capacity terminology and methodology refer to the Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.

Schedule of Capital Projects and Funding

The capacity assessment can identify deficits that cannot be addressed through lower cost methods such as school boundary changes, program relocations, temporary facilities, or other interior building modifications designed to recapture underutilized or unused capacity. These deficits are proposed to be solved through the CIP capital project list, which, along with supporting materials, comprises a “statement of need” to address these types of capacity issues, and can be found on page 88 of this document.

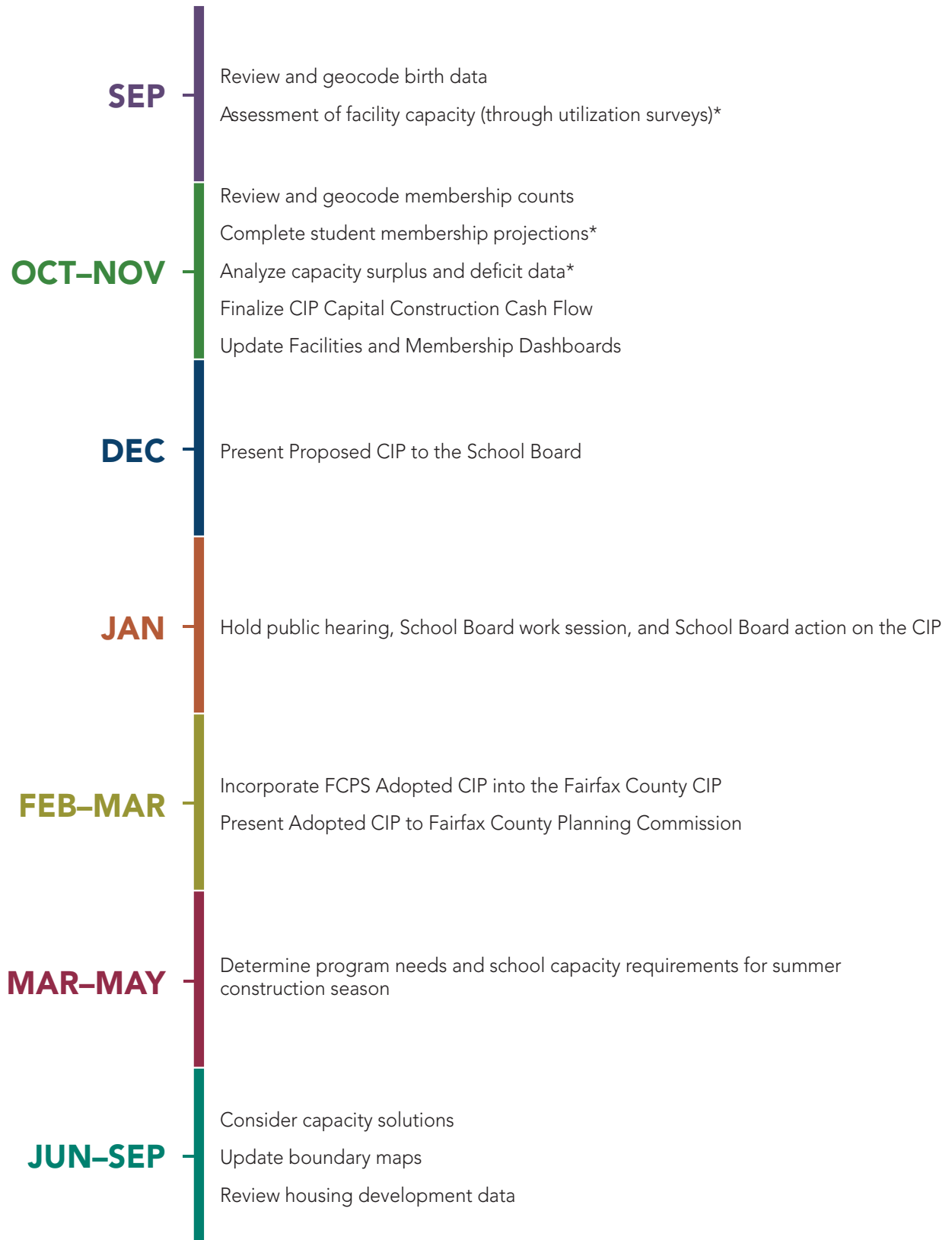
The Office of Design and Construction Services is responsible for the acquisition of school sites, the design and construction of new school facilities (including additions made to existing schools), and the renovation of existing school facilities in accordance with approved educational specifications. Currently, the office is:

- Implementing projects contained in the 2013, 2015, 2017, and 2019 School Bond Referenda;
- Managing funding provided for temporary classrooms and for facility modifications transferred from the School Operating Fund; and
- Providing equipment for new schools, additions to existing school, and renovations of existing facilities through funding from approved bond sales and a transfer from the School Operating Fund.

Facilities Management Program

The facilities management program provides additional protection for FCPS capital investments and, as such, impacts the funding available for capacity projects. The preventive approach helps to minimize the need for premature replacement of costly elements. Ongoing funding of major infrastructure maintenance projects helps to prevent the failure of critical systems, deterioration of major capital investments, and significant health and safety hazards. Although all facilities management related cost is funded through the operating budget, the program has an integral relationship with capital expenditures.

TYPICAL CIP PROCESS AND CYCLE



Note: * Indicates that a five-year projection set and facility assessment have not been produced this year due to changing conditions of the COVID-19 pandemic, a virtual start to the school year, ongoing planning for a return to school with social distancing which required using all available rooms for core instruction.



REGULATION

REGULATORY FRAMEWORK

The Fairfax County Public Schools (FCPS) Capital Improvement Program (CIP) operates within a regulatory framework that has been established at the national, state, county, and division level by multiple departments, agencies, officials, planning documents, guidelines, and policies. Education is primarily a state and local responsibility in the United States; however, the passage of the Elementary and Secondary Education Act of 1965 has continued to provide guidance for states and local school systems throughout the country, with the most-recent reauthorization in 2015. The Laws of the Commonwealth of Virginia mandate a free public elementary and secondary school system, administered by the Virginia Board of Education (VBOE), the Superintendent of Public Instruction (SPI), local school division superintendents, and school boards.

COMMONWEALTH OF VIRGINIA

The Virginia Department of the Treasury incorporates several boards and authorities including the Virginia Public School Authority. The authority consists of the State Treasurer; the State Comptroller; the SPI; and five additional members who are appointed by the Governor, subject to confirmation by the General Assembly of Virginia. The General Assembly convenes in January each year and all approved legislation becomes effective in July of the same year, unless otherwise indicated. Any information concerning actions to be taken by local school boards is included in a summary of each bill that is tracked by the Virginia Department of Education. The department is the administrative agency for the commonwealth's public schools, with the SPI leading the external functions of the agency, as well as managing internal operations. The Division of Budget, Finance, and Operations, which is part of the leadership team under the direction of the SPI, is responsible for distributing state and federal funds to school divisions and providing technical assistance to local school divisions in the area school facilities, among others.

Virginia Law requires the VBOE to prescribe Standards of Quality (SOQ) for public schools. The SOQ serves as the foundation program and are reviewed approximately every two years. There are ten SOQ, five of which are the most applicable to the facilities planning program:

- Instructional programs supporting the Standards of Learning and other educational objectives;
- Instructional, administrative, and support personnel;
- Quality of classroom instruction and educational leadership;
- Planning and public involvement; and
- School Board policies.

The Board of Education Comprehensive Plan is developed with statewide participation at the local level and identifies the objectives and strategies for public education in Virginia, including strategies for the management of facilities capacity in relation to changes in membership. It is reviewed biennially and revised as necessary. The Board of Education Comprehensive Plan: 2018-2023 provides the framework for the leadership of the VBOE, its advocacy, and oversight to prioritize and meet the future needs and goals of students, educators, and schools. The following priorities are outlined in the plan:

- Priority 1: Provide high-quality, effective learning environments for all students;
- Priority 2: Advance policies that increase the number of candidates entering the teaching profession and encourage and support the recruitment, development, and retention of well-prepared and skilled teachers and school leaders; and
- Priority 3: Ensure successful implementation of the *Profile of a Virginia Graduate* and the accountability system for school quality as embodied in the revisions to the Standards of Accreditation.

FAIRFAX COUNTY BOARD OF SUPERVISORS

Although the General Assembly regulates the establishment and administration of public schools throughout the Commonwealth, the fiscal management of programs and facilities is the responsibility of local governments and school divisions, as most recently reaffirmed in January of 2019, by the Office of the Attorney General:

“While the Virginia Constitution establishes education as a fundamental right, it places the responsibility for funding the required educational program on the General Assembly. The General Assembly has elected to require localities to provide the majority amount of funding for construction and improvement of public schools.”

The Fairfax County School Board (FCSB) submits budget requirements, including the schedule of capital projects identified in the CIP, to the Fairfax County Board of Supervisors (FCBOS) annually, along with all other county departments and divisions. The FCBOS then prepares and approves a budget for all contemplated expenditures, estimated revenues, and borrowings for the ensuing fiscal year and fixes a tax rate accordingly. During this process, the FCBOS makes appropriations to the FCSB from the funds derived for operation, capital outlay, and debt service. The funding is required to be equal to or greater than the cost apportioned to the governing body for maintaining an educational program meeting the SOQ. A formula is used to determine the percentage of cost that must be funded locally. The formula and funding process are described in the Funding section of this document, beginning on page 21.

FAIRFAX COUNTY SCHOOL DIVISION

The supervision of schools within each school division is vested in a school board, and for each school division there is a division superintendent of schools appointed. The FCSB consists of elected officials who serve four-year terms, and hold the following duties related to facilities planning, as stated in the Code of Virginia § 22.1-79.

- Care for, manage and control the property of the school division and provide for the erecting, furnishing, equipping, and noninstructional operating of necessary school buildings and appurtenances and the maintenance thereof by purchase, lease, or other contracts;
- Provide for the consolidation of schools or redistricting of school boundaries or adopt pupil assignment plans whenever such procedure will contribute to the efficiency of the school division; and
- Obtain public comment through a public hearing not less than 10 days after reasonable notice to the public in a newspaper of general circulation in the school division prior to providing
 - » for the consolidation of schools;
 - » the transfer from the public school system of the administration of all instructional services for any public school classroom or all noninstructional services in the school division pursuant to a contract with any private entity or organization; or
 - » in school divisions having 15,000 pupils or more in average daily membership, for redistricting of school boundaries or adopting any pupil assignment plan affecting the assignment of 15 percent or more of the pupils in average daily membership in the affected school.

Every two years, the FCSB adopts a Divisionwide Comprehensive Plan (DWCP) that is consistent with, and is included within, the Board of Education Comprehensive Plan. A report is presented by the FCSB to the public by November 1 of each odd-numbered year describing the extent to which the objectives of the DWCP have been met during the previous two school years. The DWCP is required to include, among other topics:

- Forecast of membership changes; and
- Plan for projecting and managing membership changes including consideration of the consolidation of schools to provide for a more comprehensive and effective delivery of instructional services to students and economies in school operations.

The Facilities Planning Advisory Council (FPAC) was established in September of 2010 to “advise and inform the staff and School Board in the development of comprehensive, long-term plans for facilities needs in the most effective and efficient way.” An annual report is submitted to FCSB which includes recommendations to aid in future facilities planning efforts.

FPAC recommendations have been made over time and been incorporated into an ongoing improvement process moving toward a more comprehensive facilities planning program that includes multiple solutions in addition to traditional capital investment.

The FPAC SY 2020-21 charges that are being addressed in the FY 2022-26 CIP are:

- continue to develop the long-range vision for FCPS school facilities;
- provide support to facilitate implementation of the accepted FPAC major maintenance and asset management recommendations;
- develop recommendations on facility resiliency, to include accessibility, sustainability, and design justice; and
- advise and assist with the development and implementation of updated boundary policies and processes.
- assess and evaluate how facility design and construction can be adjusted to accommodate social distancing and a safe environment.

The superintendent performs duties as prescribed by law, by the FCSB, and by the VBOE, including the preparation of budget requirements, presentation of divisionwide ratio of students in average daily membership to full-time equivalent teaching positions, and the identification of critical shortages of teachers and administrative personnel.

It is important to maintain strong, connected school communities and community/neighborhood schools that are safe and conducive to learning for all students. The FCSB has established the following list of guiding principles, created over time, in order to direct certain outcomes in facilities planning and to provide a context for decisions impacting the division's capital needs so that limited capital resources and supporting quality educational spaces are maximized. Each school and each school community has its own unique needs, thus these statements may not be applicable or appropriate in all circumstances.

- Unique program offerings should be made available in all division pyramids in order to keep students within their zoned pyramid throughout their K-12 experience, where conditions are conducive to program needs;
- Attendance islands will be alleviated;
- Utilize existing and/or projected surplus capacity in nearby schools by adjusting boundaries in order to address overcrowding in some schools;
- Add additional capacity to stated division standards when renovating small schools;
- Repurpose existing inventory of school facilities not currently being used as schools to address capacity challenges;
- Construct new schools only where surplus capacity or existing school inventory are not available in order to maximize limited capital monies;
- Community engagement and transparency are essential parts of the process. With any major capital improvement project, the community impacted by the project will be actively engaged as per FCPS School Board Policies and Regulations; and
- FCPS is committed to continue to take innovative and cost-effective steps to help our country achieve climate stabilization. That includes prioritization of systems and practices that maximize energy efficiency and provide for the cost-effective transition to clean and renewable alternatives to fossil fuels.

FCPS maintains policies, regulations, and notices that guide expectations related to the CIP. Policies are officially adopted FCSB positions and specifications; regulations are procedures and rules for the implementation of policy positions and guidelines that are approved by the division superintendent or designee; and notices contain information about yearly or one-time occurrences of short duration. Notices are approved by the division superintendent or designee, and are reissued, not revised. **Table 1** and **Table 2** identify policies and regulations that are specific to facilities planning or that influence facilities planning.

Table 1 Policies and Regulations, Facilities and Transportation Services (FTS)

NUMBER	SERIES	CATEGORY and TITLE	PURPOSE
Policy 8110	FTS	Facilities Planning Five-Year Capital Improvement Program Planning	To establish procedures for five-year capital improvement program planning.
Regulation 8110	FTS	Facilities Planning Five-Year Capital Improvement Program Planning	To establish responsibilities and the calendar for capital improvement program (CIP) planning.
Policy 8120	FTS	Facilities Design and Construction School Planning	To prescribe steps to be followed in school planning.
Regulation 8120	FTS	Facilities Design and Construction Educational Specifications	To designate the groups responsible for the development of educational specifications for school buildings.
Policy 8130	FTS	Facilities Planning Local School Boundaries, Program Assignments, and School Closings	To describe the authority of the School Board to determine the assignment of students to schools and programs, to close schools and programs where appropriate, and to define the considerations and procedures for such determinations.
Regulation 8130	FTS	Facilities Planning Local School Boundaries, Program Assignments, and School Closings	To provide specific guidance for implementing the current version of Policy 8130, Local School Boundaries, Program Assignments, and School Closings.
Policy 8170	FTS	Facilities Planning Naming School Facilities and Dedicating Areas of School Facilities or Grounds	To establish guidelines for the naming of school facilities and the permanent dedication or naming of areas of school facilities or grounds to honor individuals or for assigning naming rights for portions of school facilities in order to recognize private or corporate entities that make a significant contribution to benefit Fairfax County Public Schools.
Regulation 8170	FTS	Facilities Planning Procedure for Naming School Facilities and Dedicating Areas of School Facilities or Grounds	To provide procedures for naming and renaming school facilities and for dedicating areas of school facilities or grounds.
Policy 8210	FTS	Facilities Design and Construction Management Responsibility— Capital Improvements	To establish management responsibility for capital improvements.
Policy 8230	FTS	Facilities Design and Construction School Design	To establish procedure to be followed for school design.
Regulation 8230	FTS	Facilities Design and Construction School Design—Guidelines	To establish guidelines to be followed with regard to school design.

[continued on next page]

Table 1 Policies and Regulations, Facilities and Transportation Services (FTS) (Cont.)

NUMBER	SERIES	CATEGORY and TITLE	PURPOSE
Policy 8258	FTS	Facilities Design and Construction Building Evaluation, Building Renovation, and Infrastructure Maintenance	To establish goals and procedures for building evaluation, building renovation, and infrastructure maintenance of school facilities and other School Board-owned buildings.
Regulation 8260	FTS	Facilities Design and Construction Building Evaluation and Renovation	To provide procedures for the evaluation and renovation of buildings.
Regulation 8270	FTS	Facilities Design and Construction Capital Outlay and Facilities Improvements	To prescribe procedures to be followed by a program manager to initiate additions to, or changes to, existing school buildings and grounds.
Policy 8310	FTS	Facilities Design and Construction Site Planning and Development	To establish procedures for site planning and development.
Policy 8320	FTS	Facilities Design and Construction Site and Building Acquisition	To establish a policy for school and building site acquisition.
Regulation 8320	FTS	Facilities Design and Construction Site Acquisition—Procedures	To establish procedures for site and building acquisition.
Policy 8420	FTS	Leasing and Community Use of Facilities Community Use of School Facilities	To encourage the use of school buildings and grounds by the community for educational, recreational, civic, and cultural activities to the extent possible under the law and consistent with school operations.
Regulation 8420	FTS	Leasing and Community Use Section Community Use of School Facilities	To establish the procedures and determine the conditions for community use of Fairfax County Public Schools (FCPS) buildings and grounds.
Regulation 8534	FTS	Facilities Management Energy Conservation Measures	To minimize facilities operation expenses by conserving energy.
Policy 8542	FTS	Facilities and Transportation Services Environmental Stewardship	To prioritize the practices to be developed and implemented by staff members in order to address global warming and to meet other important environmental initiatives.
Policy 8560	FTS	Facilities Management Maintenance of Physical Facilities	To assign responsibilities for the maintenance of school buildings and systems.
Policy 8561	FTS	Leasing and Community Use of Facilities Child Care Services	To establish criteria for the use of School Board facilities by child care programs sponsored by the county or other public agencies.

Source: FCPS, *School Board Policies and Regulations*.

Table 2 Policies and Regulations Related to Facilities Planning

NUMBER	SERIES	CATEGORY AND TITLE	PURPOSE
Policy 2201	Special Services	Admissions, Residency, and Attendance Compulsory Attendance Requirements	To set policy regarding compulsory school attendance pursuant to Code of Virginia requirements.
Policy 2202	Special Services	Admissions, Residency, and Attendance Eligibility for Enrollment	To establish the eligibility requirements for enrollment in Fairfax County Public Schools (FCPS).
Regulation 2202	Special Services	Admissions, Residency, and Attendance Required Admission Credentials for Students	To establish the admission credentials required for students entering Fairfax County Public Schools (FCPS) for the first time.
Regulation 2204	Special Services	Admissions, Residency, and Attendance Admission Requirements - Determination of Eligibility for Admission	To establish procedures for the enrollment of all nontuition-paying and tuition-paying students.
Regulation 2205	Special Services	Admissions, Residency, and Attendance Enrollment of Homeless Students	To provide procedures for the identification and enrollment in school of homeless students so as to maintain a stable educational environment by minimizing the effect of mobility on academic achievement.
Regulation 2212	Special Services	Admissions, Residency, and Attendance Enrollment of Students in Foster Care	To provide procedures for the identification and enrollment in school of students in foster care so as to maintain a stable educational environment by minimizing the effect of mobility on academic achievement.
Policy 2220	Special Services	Admissions, Residency, and Attendance Admissions of Postgraduate Students	To establish policy regarding admission of postgraduate students.
Regulation 2220	Special Services	Admissions, Residency, and Attendance Admission of Postgraduate Students	To establish rules and procedures for the enrollment of postgraduate students in a regular high school program.
Regulation 2230	Special Services	Admissions, Residency, and Attendance Student Transfer Process	To define procedures for considering student transfer requests for school-age (K-12) students to attend schools other than their base schools.
Policy 3335	Instruction	Special Programs Advanced Academic Programs, Grades K-12	To establish policy for advanced academic programs, grades K-12.
Regulation 3333	Instruction	Special Programs and Services Location Guidelines	To outline procedures to be followed when relocating or establishing new or existing programs and services, including special education, Advanced Academic Programs (AAP), Family and Early Childhood Education program (FECEP) and Head Start and English for Speakers of Other Languages (ESOL).

Source: FCPS, *School Board Policies and Regulations*.

ESSENTIAL PLANNING DOCUMENTS

The following key documents articulate the mission and vision of FCPS. These documents are interrelated and provide the blueprint for facilities planning.

FCPS Divisionwide Comprehensive Plan (DWCP)

Standard 6 of the SOQ for public schools in Virginia requires that local school boards biennially adopt a DWCP. The purpose of the divisionwide comprehensive plan is to provide a platform for communicating major divisionwide initiatives and operational plans. The divisionwide comprehensive plan consists of FCSB strategic plan goals, aligned with the operational plans of the system. The goals are reviewed and assessed annually. A report on the progress made in each area is prepared and disseminated as part of the divisionwide continuous improvement cycle.

Portrait of a Graduate (POG)

Portrait of a Graduate encompasses all that we want our students to be. The FCPS graduate will engage in the lifelong pursuit of academic knowledge and interdisciplinary learning by being a communicator, a collaborator, an ethical and global citizen, a creative and critical thinker, and a goal-directed and resilient individual.

FCPS Strategic Plan: Ignite

The Strategic Plan represents the cooperative work of the FCSB and Leadership Team to create a long-term strategic plan for FCPS. The FCSB approved four strategic goals: student success, caring culture, premier workforce, and resource stewardship.

Strategic Governance Manual (SGM)

The SGM outlines a governing process that allows the FCSB to exercise its responsibilities in a manner that assures that the staff, under the authority of the Superintendent, has the freedom and authority to do its work but also has full accountability for the results of its decisions.

Fairfax County Comprehensive Plan (FCCP)

Fairfax County's Comprehensive Plan guides the county government in decision-making about the built and natural environment. It is a dynamic document which is used by the FCBOS, the Planning Commission, county staff, and the public to guide land use, transportation, and public facility decision making. Based on the information it provides, the CIP considers the effect of development on the school system.

FCPS Capital Improvement Program (CIP)

The FCPS CIP determines the capital projects submitted to the FCBOS for inclusion in the county CIP and as part of the bond referenda to be placed before the voters of Fairfax County. The primary source of funding for school construction projects is the sale of bonds authorized by the voters in these referenda. It is updated annually and contains a five-year forecast.

Fairfax County CIP

The CIP is the county's five-year roadmap for creating, maintaining, and funding present and future capital infrastructure requirements and includes capital projects in the FCPS CIP. The CIP serves as a planning instrument to identify needed capital projects and coordinate the financing and timing of improvements. The CIP provides the framework for the Fairfax County Executive and the FCBOS with respect to managing bond sales, investment planning, and project planning. Fairfax County's CIP also includes a future outlook with a glance at the potential long-term requirements beyond the current five-year period.

Current Budget

The budget process begins in January with the Superintendent's Proposed Budget, which details projected revenue and expenditures. After the Superintendent's Proposed Budget is released, public hearings are held and the FCSB has the opportunity to make changes. In the event of changes, that amended budget, known as the FCSB Advertised Budget, is submitted to FCBOS for incorporation into the county's Advertised Budget. Once revenue for the coming year is known, including the direct funding from the county that comprises over 71 percent of FCPS funding, the FCSB works with employees and citizens to finalize the budget. This finalized budget is passed in May as the Approved Budget and details the revenue and expenditures for the next fiscal year.

Facilities Planning Advisory Council (FPAC) Annual Report

The Facilities Planning Advisory Council (FPAC) provides an annual report to the FCSB and includes recommendations to aid in future facilities planning efforts. The report focuses on FPAC activities related to carrying out the charge from the FCSB; significant findings and recommendations in each area of the charge; the results of FPAC's investigation into energy efficiency of school facilities; observations and recommendations regarding the relationship of the FCBOS; and information on meetings, community outreach, membership, and the year ahead.

FCPS Membership Trends Report

The Membership Trends Report informs the capacity evaluations which are part of the CIP. The report includes summary data tables that compare the current and prior year membership, births, migration, and transfer conditions for the school district and by school level (elementary, middle, and high), region, high school pyramid, and by school. Understanding membership changes from SY 2019–20 to SY 2020–21 is essential to the annual planning process, as the changes form the basis for additional capital planning and construction recommendations.

Joint Committee on Infrastructure Financing Report, February 18, 2014

The Infrastructure Financing Committee (IFC), a joint FCSB/FCBOS Committee, was established in April 2013, as a working group to collaborate and review both Fairfax County and FCPS Capital Improvement Program (CIP) and capital requirements. The Committee provided a final report to the FCBOS and FCSB containing recommendations to begin to address the capital challenges related to facilities management. The Report included support for conducting capital needs assessments, new policy recommendations for capital financing, including a capital sinking fund and increased annual General Fund supported funding, the adoption of common definitions related to all types of maintenance, support for joint use opportunities for facilities, and continued support for evaluating ways to further reduce capital costs.

Standards of Quality (SOQ)

Virginia Law requires the VBOE to prescribe SOQ for public schools, which are reviewed approximately every two years. The SOQ are the requirements that must be met by all Virginia public schools and school divisions.



2

FUNDING

FUNDING

The Laws of Virginia regulate the institution and administration of public schools throughout the Commonwealth; however, the fiscal management of programs and facilities is the responsibility of local governments and school divisions. The proportion of state and local funding is determined every two years by the Virginia Department of Education, utilizing an established formula of algorithms based upon student membership and program requirements, in addition to several economic indicators.

The primary local source of funding for the Fairfax County government is real estate and personal property tax dollars. Additionally, the county has used the sale of general obligation bonds to fund capital improvement projects, which has enabled the fiscal impact to be spread over the many years that the facilities are used. Voter approval authorizes the Fairfax County Board of Supervisors (FCBOS) to sell bonds, when needed, to generate the funds for a range of public facilities, including schools. The most recent School Bond Referendum was approved by county residents in November 2019.

PROCESS

The General Assembly of Virginia has elected to require localities to provide the majority amount of funding for the construction and improvement of public schools and a formula is utilized to determine the specific proportion annually. Virginia utilizes a foundation program formula to determine basic program funding, taking the average daily membership multiplied by the per student cost. The basic program cost is that which provides the minimum instructional and support staff required to fulfill the Virginia Board of Education Standards of Quality (SOQ) in addition to accreditation requirements. The divisionwide per student cost is determined annually using a methodology agreed on by the Washington Area Boards of Education (WABE), of which the Fairfax County School Board (FCSB) is a member. The WABE comprises of 11 participating school divisions, including City of Fairfax, and the comparative cost per pupil is calculated by ten participating school divisions after approved budgets are finalized in the spring of each year.

The Local Composite Index (LCI) of Local Ability-to-pay determines how much the General Assembly will contribute to support the efforts of each school division to provide the basic program requirements. The index merges two economic indicators: adjusted gross income and taxable retail sales receipts with the assessed value of homes and other property within each local jurisdiction. This provides the potential tax revenue able to be raised in a given year toward the local portion of per student cost. A larger percentage, or LCI number, is assigned to those divisions in areas that have a greater ability to pay. The most current LCI reflected in the FCPS FY 2021 Approved Budget was established in the fall of FY 2019 for the years of FY 2021 and FY 2022. Fairfax County has an LCI of .6541 meaning that for these years, the proportion of funding would reflect approximately 65 percent local and 35 percent state sources for basic program cost.

The state and local proportionate funding for schools is managed through the annual budgeting process. The FCSB, along with all other county departments and divisions, submits budget requirements, including the schedule of capital projects on page 41 of this document, to the FCBOS. The FCSB also provides notification of the estimated average per pupil cost for public education in the school division for the coming school year, in accordance with the budget estimates provided. The FY 2021 cost per pupil, as identified in the FCPS FY 2021 Approved Budget, is \$16,505. This amount changes every year and is the basis for the recommended per student cash contribution requested by FCPS when development applications are submitted to the county that will result in an increase in school membership. The impact of new development is discussed in further detail in the Factors that Influence Student Membership section of this document, beginning on page 25.

The FCBOS prepares a budget containing all contemplated expenditures, revenues, and borrowings and then fixes a corresponding tax rate for the budget year. During this process, the FCBOS makes appropriations to the FCSB for budgetary needs. The funding allocation must be equal to or greater than the portion designated by the General Assembly for maintaining an educational program meeting the SOQ. The FCPS FY 2021 Approved Budget states that the total funding sources of revenue consist of 69.3 percent local, 25.0 percent state, and 5.7 percent all other sources, including federal funds.

SOURCES

The FCPS Operating Budget consists of multiple funds, including the Governmental Funds category. This category contains the Operating, Capital Projects, and Special Revenue Funds. The FCPS Capital Projects Fund tracks financial transactions used for the acquisition, new construction, or renovation of school sites, buildings, and other major capital improvements. All construction projects are budgeted in the Construction Fund, which is a subset of the Capital Projects Fund, and is primarily funded from the sale of general obligation bonds by the county. Additional funding sources include transfers from the Operating Fund and from the Fairfax County Capital Projects Fund, as well as from the City of Fairfax and Thomas Jefferson HS tuition that has been allocated for capital cost.

General Obligation Bonds

Responsible management of debt allows the county to leverage the bond market to facilitate the delivery of capital projects and infrastructure for the community while holding down the cost of debt to avoid impacts on other programs and services. To ensure that the county bond rating is not jeopardized, the FCBOS adheres to financial management principles that set limits on the annual cost of the county's debt service and net long-term debt. It should be noted, however, that the bond spending cap for FCPS of \$180 million per year has limited the availability of funding to accomplish school facility needs, especially the elimination of temporary classrooms, the reduction of the current 37-year renovation cycle to the desired 20 to 25 years, and the mitigation of schools that are over capacity.

The FCPS CIP is the basis for determining the timing and scope of proposed bond referenda related to schools funding. Actual bond sales are based upon the review of funding requirements prior to each sale in addition to the condition of the bond market. Every two years, in November, school capital facility projects are part of a school bond referendum, which is added to the general election ballot. Actual start and completion dates for CIP projects depend on the Capital Construction Cash Flow and debt service limitations established by the FCBOS. The timeline for capital projects can range from five to seven years or more from the time of approval to completion because of the spending limitation of \$180 million each year. Bond revenue is used for new construction, capacity enhancements, the renovation program, special program facilities, and site acquisition.

Fund Transfers

The Operating and Capital Projects Funds are interrelated in that funds are transferred to the Capital Projects Fund from the Operating Fund. As described in the FCPS FY 2021 Approved Budget, equipment funding for new construction, renewals, and additions is provided through a transfer from the school Operating Fund to the Construction Fund to cover one-third of the cost to equip new school construction, school renovations, and school additions. Bond funds are used to fund the remaining two-thirds of the equipment funding needs.

The transfers from the Fairfax County Capital Projects fund include funds related to both the recommendations of the Synthetic Turf Field Taskforce (FY 2013) and the Infrastructure Financing Committee (FY 2014). As a result of the Infrastructure Financing Committee, the county has provided an annual transfer of \$13.1 million to the Construction Fund for capital replacement and upgrade requirements, freeing general obligation bond funding for large replacement or new capacity requirements. In FY 2019, the county transferred a one-time additional \$2.5 million, for a total of \$15.6 million.

Residential land development in Fairfax County has a considerable impact upon the ability of schools to accommodate students. Changes in membership from year to year fiscally impact the school division by requiring capital investment in new construction to adjust to numbers of students participating in core instruction, as well as various other programs. The Laws of Virginia allow for local governments to continue to approve new development while offsetting the impacts to public facilities in the form of proffers, collected by the local government. Proffers are voluntary conditions agreed upon by the applicant at the time approval is requested of a land use that would result in such impacts. Proffers can address both onsite and offsite impacts, and once accepted, they become a part of the zoning regulations applicable to the property, unless subsequently changed by a development plan amendment or by a new zoning map amendment. Proffers are then allocated to projects related to increasing the capacity of affected schools, after being transferred to the FCSB from the FCBOS. Additional detail about the potential impacts of new development is provided in the Factors that Influence Student Membership section of this document, beginning on page 25.

Table 1 shows the most recent allocation of proffer contributions to FCPS capital projects, by Magisterial District. **Table 2** describes the remaining identified funding sources for the Construction Fund, from which the CIP is funded.

Table 1 FY 2020 Proffer Allocations by Magisterial District

RESIDENTIAL DEVELOPMENT MAGISTERIAL DISTRICT ¹	PROFFER ALLOCATION ²	SCHOOL	PROJECT TYPE
Providence	\$658,852	McLean HS	Modular Relocation Project
Total	\$658,852		

Source: FCPS, *Facilities and Transportation Services*, FY 2020.

¹The magisterial district is based on the location of the residential development project approved by Fairfax County government and may be different from the assigned magisterial district for the school.

²Proffer allocation is the amount of proffer funds assigned to the capital projects in the fiscal year; however, it does not reflect funds expended within the fiscal year.

Table 2 Additional Funding Sources

SOURCE	DESCRIPTION
City of Fairfax	FCPS operates the schools owned by the City of Fairfax. The School Services Agreement between the City of Fairfax and FCPS determines the tuition due to FCPS from the City of Fairfax for educating city students based upon on a projected average daily membership (ADM).
Thomas Jefferson HS Tuition (allocated to capital cost)	FCPS receives tuition for students who reside outside of Fairfax County, including students from neighboring school divisions who attend Thomas Jefferson HS.

Source: FCPS, *Approved Budget*, FY 2021.



FACTORS

FACTORS THAT INFLUENCE STUDENT MEMBERSHIP

Divisionwide student membership is influenced by demographic changes from year-to-year, and the trends that result over time. These trends are influenced by the birth to kindergarten membership ratio, net migration of students into the school division, total population trends, the housing unit inventory by type, and new residential development in the county. Additionally, boundary adjustments and program changes, as well as the transfer of students within the school division, affect student membership and projections at the individual school level.

Many public school systems are currently experiencing a unique decline in total membership as a result of the COVID-19 pandemic. Although the full impact cannot be known until future data is available to analyze, there appear to be correlated factors that have influenced Fairfax County Public Schools (FCPS) total membership for SY 2020-21. FCPS saw a decline in student membership, a lower birth to kindergarten ratio, and a negative net migration for School Year (SY) 2020-21. Whether these trends are temporary for SY 2020-21 will depend on many factors, including the future course of the pandemic and economic conditions.

Total membership decreased by -8,859 students from 189,010 in SY 2019-20 to 180,151 in SY 2020-21. Elementary school membership decreased by -7,729 students from 97,890 to 90,161; middle school membership decreased by -217 students from 29,868 to 29,651; and high school membership decreased by -392 students from 58,633 to 58,241. Center and alternative program membership decreased by -356 students from 1,845 to 1,489. Other category membership decreased by -165 students from 774 to 609.

Three fundamental factors that impact student membership are presented in this section to aid in the evaluation of the change in total membership: 1) the birth to kindergarten ratio, 2) the migration of students into and out of the school division, and 3) the transfer of students from their base schools to other schools within the division, which includes students who transfer from outside the school division to a school within the school division. The COVID-19 pandemic has had an impact on FCPS membership. FCPS saw a decline in student membership, a lower birth to kindergarten ratio, and a negative net migration for School Year (SY) 2020-21. Whether these trends are temporary for SY 2020-21 will depend on many factors, including the future course of the pandemic and economic conditions. To view additional information on these data points refer to the Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.

HISTORICAL AND CURRENT KINDERGARTEN

The birth to kindergarten ratio, shown in **Figure 1**, results from a comparison between the number of births at a point in time and the kindergarten student membership five to six years later. Students are eligible for kindergarten when they have turned five years old prior to September 30 of any given school year. Consequently, the timeframe between birth to kindergarten can be between five and six years. The ratio between the number of births to kindergarten membership decreased to 75 percent, with the overall number of births decreasing by 1.9 percent between the years of 2011-12 and 2020-21, based upon currently available data.

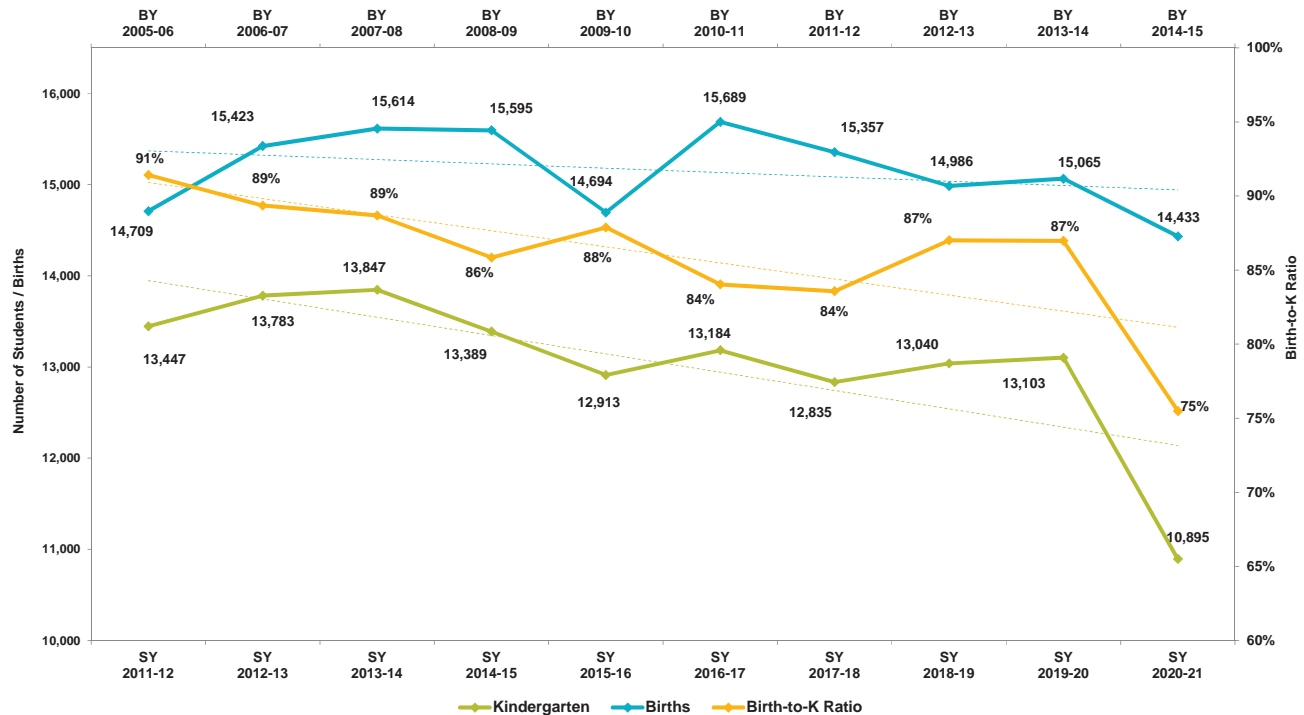


Figure 1 Historical and Current Kindergarten Membership Compared to Births SY 2011-12 to SY 2020-21

Sources:

1. FCPS, *Certified Membership*, September 2011 to September 2020.
2. Virginia Department of Health Division of Health Statistics, *Vital Records and Health Statistics*, 2005 to 2015.

Notes:

1. Membership numbers include general education, special education, special education centers, multi-agency, and home school and private school special education services.
2. Membership numbers do not include adult education, AAP, FCPS PreK, and preschool.
3. Birth numbers only include births by mothers who reside in Fairfax County or City of Fairfax.
4. Dates for student membership projections and official budget counts are based on special education and special education preschool (December 1), nontraditional sites (January 31), and
5. FCPS PreK (March 31).

HISTORICAL AND CURRENT NET MIGRATION

Migration, shown in **Figure 2**, refers to students entering (in-migration) and leaving (out-migration) the school division. Net migration is a term used to describe the difference between in-migration and out-migration. Net migration changed from 1,725 students in SY 2019-20 to -4,953 students in SY 2020-21 indicating that -6,678 fewer students entered the division than withdrew.

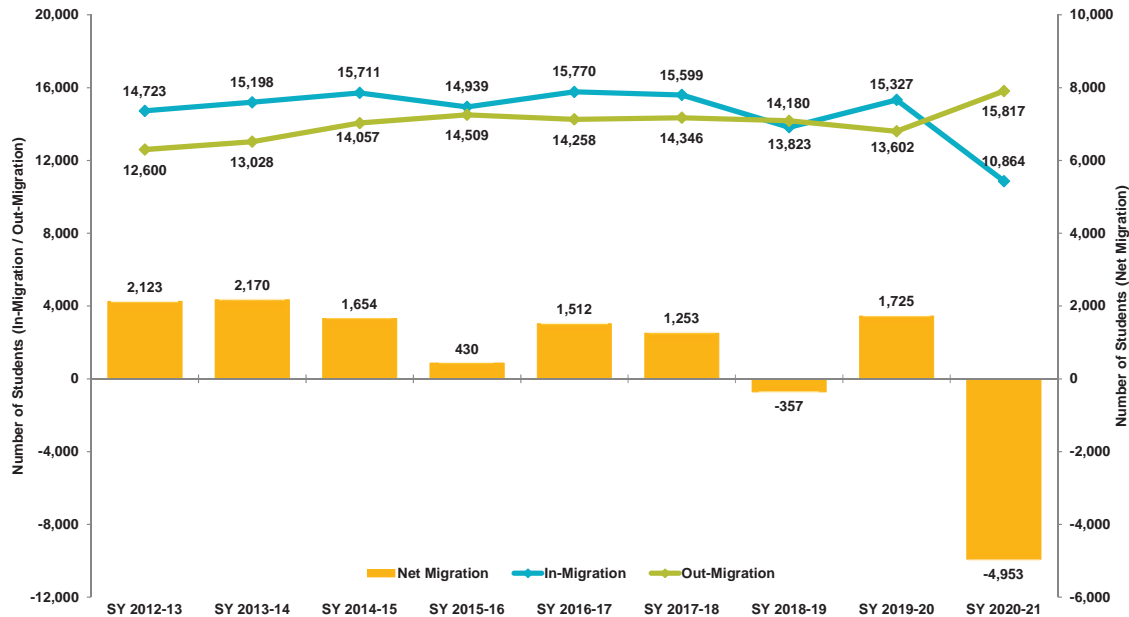


Figure 2 Historical and Current Net Migration SY 2012-13 to SY 2020-21

Source: FCPS, *Certified Membership*, September 2011 to September 2020.

Notes:

1. Membership numbers include general education, special education, AAP, FCPS PreK, preschool, special education centers, alternative programs, adult education, multiagency, and home school and private school special education services.
2. Membership numbers include Thomas Jefferson, Bryant, and Mountain View high schools.
3. Membership numbers include students that attend a FCPS school and reside outside Fairfax County and the City of Fairfax.
4. Membership numbers for SY 2012-13 to SY 2017-18 included ESOL transitional high school.
5. Dates for student membership projections and official budget counts are based on special education and special education preschool (December 1), nontraditional sites (January 31), and FCPS PreK (March 31).

HISTORICAL AND CURRENT NET TRANSFERS

Transfers, shown in **Figure 3**, are students who reside within one school boundary and are assigned to the school associated with that boundary (base school) but attend a school within a different boundary (attending school). Transfer In membership numbers include students that attend an FCPS school and reside outside Fairfax County and the City of Fairfax. Transfer out membership numbers do not include students that attend an FCPS school and reside outside Fairfax County and the City of Fairfax. Net transfer is a term used to describe the difference between student transfers in and transfers out of a school. Transfers also include students who reside outside the school division but attend a school in the school division.

Changes in student transfers from SY 2019-20 to SY 2020-21 include a decrease of -1,962 student transfers in, from a total of 19,385 to 17,423 students, and a decrease of -1,986 student transfers out, from a total of 18,910 to 16,924. The net transfer increased by 24 from 475 to 499.

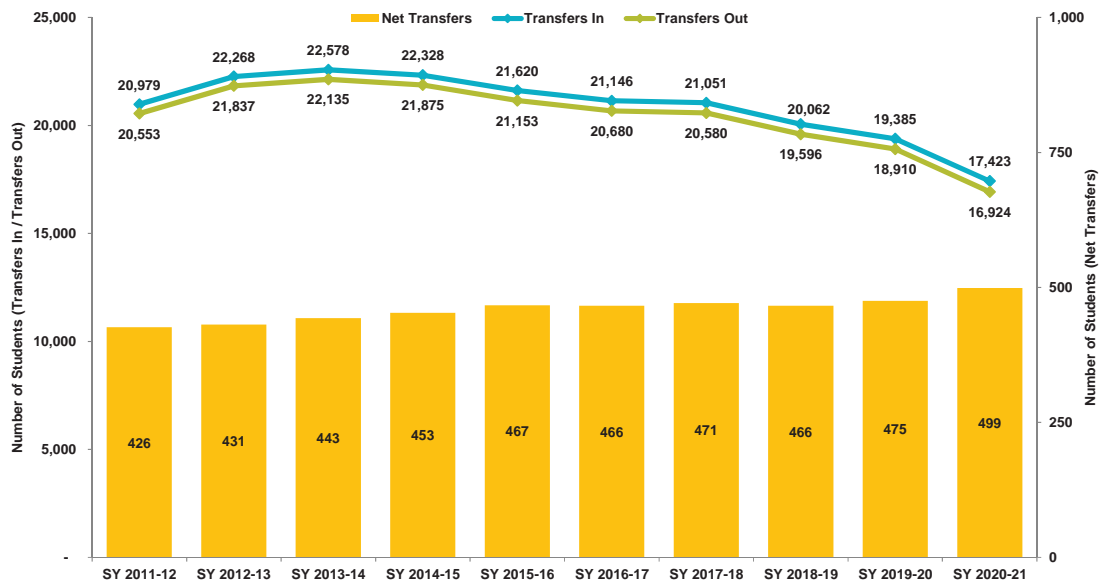


Figure 3 Historical and Current Net Transfers SY 2011-12 to SY 2020-21

Source: FCPS, Certified Membership, September 2011 to September 2020.

Notes:

1. Membership numbers include general education, special education, AAP, FCPS PreK, preschool, special education centers, alternative programs, adult education, multiagency, and home school and private school special education services.
2. Membership numbers include Thomas Jefferson, Bryant, and Mountain View high schools.
3. Membership numbers for SY 2011-12 to SY 2017-18 included ESOL transitional high school.
4. Transfer In membership numbers include students that attend a FCPS school and reside outside Fairfax County and the City of Fairfax. Transfer Out membership numbers do not include students that attend a FCPS school and reside outside Fairfax County and the City of Fairfax.
5. Transfer In and Transfer Out Totals do not match due to students that reside outside Fairfax County and the City of Fairfax, and transfer into an FCPS school or nontraditional school.
6. Dates for student membership projections and official budget counts are based on special education and special education preschool (December 1), nontraditional sites (January 31), and FCPS PreK (March 31).

ACTUAL AND PROJECTED TOTAL POPULATION—FAIRFAX COUNTY

The Fairfax County total population, shown in **Figure 4**, is the sum of two components: household population and group quarters population. Two different methodologies are used to estimate and forecast each relative population by the Fairfax County government. The household population is comprised of those persons who live in housing units. The group quarters population is comprised of those persons who live in institutions such as nursing homes, dormitories, and military facilities. The total population estimates are as of January 1 of each year and are projected to steadily increase from an actual total population of 1,167,000 in 2019 to a projected total population of 1,405,900 in 2045 in the long-range planning timeframe.

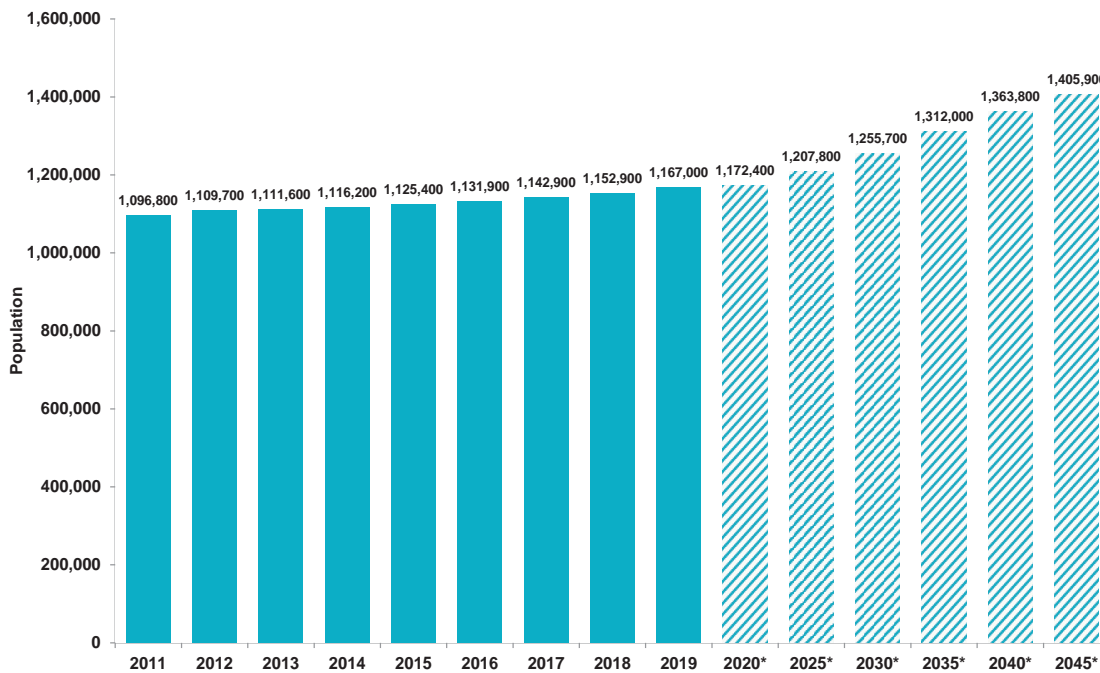


Figure 4 Fairfax County Actual and Projected Total Population 2010 to 2045

*Projected

Source: Fairfax County Department of Management and Budget, *Demographic Report 2019*, December 2019.

Note: Population totals do not include the City of Fairfax.

ACTUAL AND PROJECTED TOTAL HOUSING UNITS BY TYPE—FAIRFAX COUNTY

The Fairfax County total housing units, shown in **Figure 5**, is the sum of three components: multifamily, single family attached, and single family detached housing types. The multifamily housing includes garden, mid-rise, and high-rise units. The single family attached housing includes townhouses, duplexes, and multiplexes units. The single family detached housing includes single family detached units and mobile homes. The total housing unit estimates are as of January 1 of each year and are projected to increase from a total of 421,102 in 2019 to 531,051 in 2045. In 2019, total housing units were composed of 29.4 percent multifamily, 24.1 percent single family attached (townhomes), and 46.5 percent single family detached. In 2045, the total housing units is projected to be composed of 40.9 percent multifamily, 19.7 percent single family attached (townhomes), and 39.4 percent single family detached.

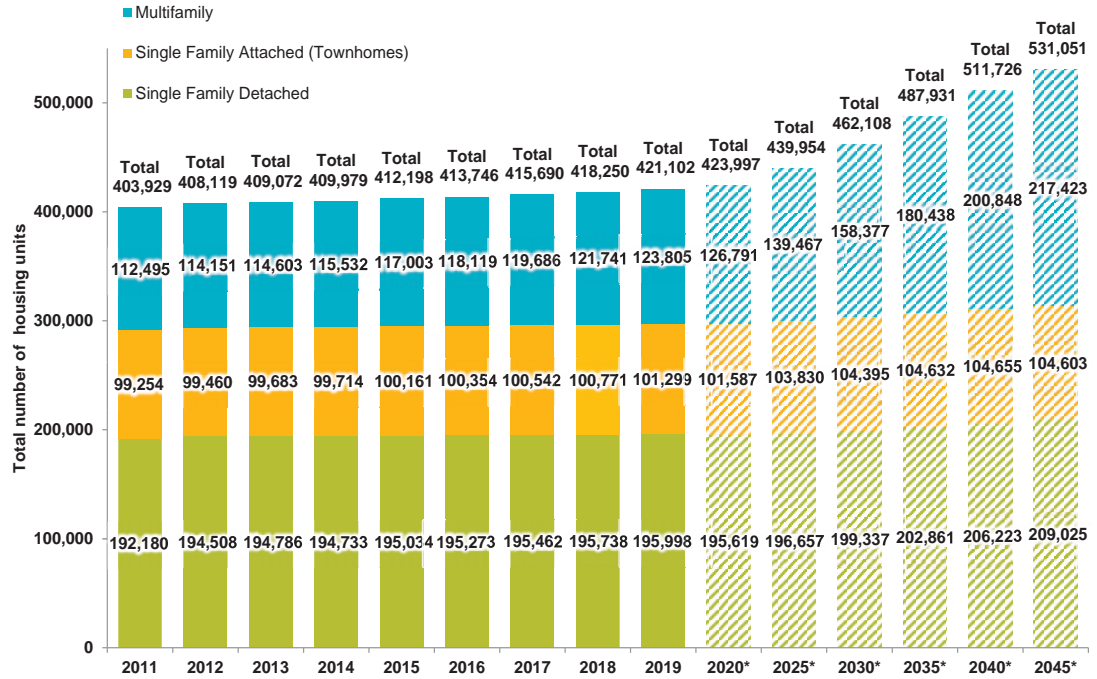


Figure 5 Fairfax County Total Housing Units by Type 2011 to 2045

*Projected

Source: Fairfax County Department of Management and Budget, *Demographic Report*, 2011-2019.

Notes:

1. Housing totals do not include the City of Fairfax.
2. Single family detached housing units includes mobile homes; single family attached housing units include townhouses, duplexes and multiplexes; and multi-family housing units includes garden units, mid-rise housing units, and high-rise housing units.
3. Due to rounding and geography, figures in this table may vary from those in other tables.

ACTUAL TOTAL HOUSING UNITS—FAIRFAX COUNTY

Fairfax County housing units are summarized from county real estate tax assessment files as of January 1 of every year. The summary includes both rented and owned habitable single family detached, single family attached, and multifamily housing units. The average annual change in the total number of these units in the county has increased from 0.22 percent in 2014 to 0.68 percent in 2019, as shown in **Table 1**. It is important to note that the total number of housing units in years following 2012 do not include housing units on the Fort Belvoir military installation.

Table 1 Total Housing Units for Fairfax County 2011 to 2019

YEAR	HOUSING UNITS	AVERAGE ANNUAL CHANGE	
		NUMBER	PERCENTAGE
2011	403,929	7,543	1.90%
2012	408,119	4,190	1.04%
2013	409,072	953	0.23%
2014	409,979	907	0.22%
2015	412,198	2,219	0.54%
2016	413,746	1,548	0.38%
2017	415,690	1,944	0.47%
2018	418,250	2,560	0.62%
2019	421,102	2,852	0.68%

Source: Fairfax County Department of Management and Budget, *Demographic Report* 2019, December 2019.

Note: Growth in housing units are over represented in 2011 and 2012 due to methodology changes. In 2011 continuing care units are included in the housing unit inventory. In 2012 units on Fort Belvoir are included in the housing unit inventory.

MONITORING MEMBERSHIP IMPACTS FROM NEW HOUSING

The Office of Facilities Planning Services works with the Fairfax County government to determine the impacts that proposed residential developments may have on school facilities. A school impact analysis, including estimated student yields generated by planned and proposed development, is provided to the Fairfax County government and the appropriate Fairfax County School Board (FCSB) members. In addition, recommendations are provided to address future school facilities needs in relation to Fairfax County long-range planning initiatives and comprehensive plan studies, including Tysons Urban Center, Reston, Dulles Suburban Center (Route 28 Corridor), Bailey's Crossroads Community Business Center (CBC), Seven Corners CBC, Huntington Transit Station Area (TSA), Franconia-Springfield TSA, Embark Richmond Highway (Route 1), Fairfax Center, Lincolnia CBC, Merrifield Suburban Center, McLean CBC, and West Falls Church TSA. These long-range planning initiatives and comprehensive plan studies are often the first step for planned new housing. For more information on Special Planning Areas in Fairfax County please refer to the following link: www.fairfaxcounty.gov/planning-zoning/comprehensive-plan/special-planning-areas.

In conjunction with monitoring development, FCPS staff conduct field verifications of previously approved development applications in order to track the construction status of residential development, as new housing can be constructed by-right (i.e., does not require the submission of an application for a change in zoning). This field verification process provides context for when and where new membership impacts may become evident within surrounding schools.

Boundary and Advanced Academic Program (AAP) Center Assignment Changes SY 2011-12 to SY 2020-21

Table 2, below, shows the boundary adjustments and program center assignment changes, as of SY 2020-21. The process to assign students to schools and programs is directed by the FCSB Policy 8130 and Regulations 8130 and 3333.

Table 2 Boundary and Advanced Academic Program (AAP) Center Assignment Changes SY 2011-12 to SY 2020-21

IN EFFECT	TITLE	SCHOOLS	TYPE	REGION	HS PYRAMID
SY 2019-20	Fairfax Villa ES AAP assignment: Mosby Woods ES Center to Canterbury Woods ES Center	Fairfax Villa ES, Mosby Woods ES, Canterbury Woods ES	Program	1/5	Woodson/Oakton
SY 2018-19	Bush Hill ES AAP Center ¹	Bush Hill ES, Cameron ES, Clermont ES, Franconia ES, Hayfield ES, Lane ES, Mount Eagle ES, Rose Hill ES, Springfield Estates ES	Program	3	Edison/Hayfield/Lewis
SY 2018-19	Lanier MS AAP Center ¹	Lanier MS, Rocky Run MS	Program	4/5	Fairfax/Chantilly/Centreville
SY 2018-19	Jackson MS to Thoreau MS ¹	Jackson MS, Thoreau MS	Standard	1/2	Falls Church/Madison/Oakton
SY 2016-17	Cooper MS AAP Center ¹	Cooper MS, Kilmer MS, Longfellow MS	Program	1/2	Langley/Marshall/McLean
SY 2016-17	Freedom Hill ES to Vienna ES	Freedom Hill ES, Vienna ES	Expedited	1/2	Madison/Marshall
SY 2016-17	Woodlawn ES to Fort Belvoir ES	Fort Belvoir Primary ES, Fort Belvoir Upper ES, Woodlawn ES	Standard	3	Mount Vernon
SY 2016-17	Woodley Hills ES to Woodlawn ES	Woodlawn ES, Woodley Hills ES	Standard	3	Mount Vernon
SY 2015-16	Daventry Subdivision: Lewis HS to West Springfield HS	Lewis HS, West Springfield HS	Administrative	3/4	Lewis/West Springfield
SY 2015-16	Poplar Tree ES, AAP Center	Brookfield ES, Cub Run ES, Greenbriar West ES, Poplar Tree ES	Program	5	Chantilly/Westfield

(continued on next page)

IN EFFECT	TITLE	SCHOOLS	TYPE	REGION	HS PYRAMID
SY 2014-15	Fairfax HS-Lanier MS ¹ Phase 2	Frost MS, Lanier MS, Rocky Run MS, Chantilly HS, Fairfax HS, Oakton HS, Robinson MS, Robinson HS, Woodson HS	Standard	1/4/5	Chantilly/ Fairfax/Oakton/ Robinson/ Woodson
SY 2014-15	Landmark Mews Subdivision: Weyanoke ES to Bren Mar Park ES, Annandale HS to Edison HS	Bren Mar Park ES, Weyanoke ES, Annandale HS, Edison HS	Administrative	2/3	Annandale/ Edison
SY 2013-14	Fairfax HS-Lanier MS ¹ Phase 1	Franklin MS, Lanier MS, Fairfax HS, Oakton HS	Standard	1/5	Chantilly/ Fairfax/Oakton
SY 2013-14	Lemon Road ES AAP Center, Navy ES AAP Center, Westbriar ES AAP Center, South County MS AAP Center	Haycock ES, Hunters Woods ES, Lemon Road ES, Louise Archer ES, Navy ES, Shreveewood ES, Westbriar ES, Westgate ES, Lake Braddock MS, South County MS	Program	1/2/4	Lake Braddock/ Madison/ Marshall/ McLean/ Oakton/ South County
SY 2013-14	Meadows of Chantilly: Franklin MS to Stone MS	Franklin MS, Stone MS	Administrative	5	Chantilly/ Westfield
SY 2013-14	Southwestern Boundary Study ¹ Phase 2	Centreville ES, Centre Ridge ES, Powell ES, Eagle View ES, Fairfax Villa ES, Greenbriar East ES, Union Mill ES	Standard	4/5	Centreville/ Chantilly/ Fairfax/ Robinson/ Westfield/ Woodson
SY 2012-13	Annandale Regional Study	Annandale Terrace ES, Beech Tree ES, Belvedere ES, Mason Crest ES, Pine Spring ES, Woodburn ES, Frost MS, Glasgow MS, Holmes MS, Jackson MS, Poe MS, Annandale HS, Edison HS, Falls Church HS, Justice HS, Woodson HS	Standard	2/3/5	Annandale/ Edison/Falls Church/Justice/ Woodson
SY 2012-13	Everwood Subdivision: Brookfield ES to Poplar Tree ES	Brookfield ES, Poplar Tree ES	Administrative	5	Chantilly
SY 2012-13	Freedom Hill ES to Lemon Road ES	Freedom Hill ES, Lemon Road ES	Standard	2	Marshall
SY 2012-13	Lorton Valley: Hayfield SS to South County SS	Hayfield SS, South County SS	Administrative	3/4	Hayfield/South County
SY 2012-13	Metro West Development: Mosby Woods ES to Marshall Road ES	Marshall Road ES, Mosby Woods ES	Administrative	1	Madison/ Oakton
SY 2012-13 SY 2011-12	Pine Ridge/Sutton Place/Wynford Estates/ Chesterfield Mews ¹ : Fairhill ES to Mantua ES	Fairhill ES, Mantua ES	Administrative	2/5	Falls Church/ Woodson ²
SY 2011-12	Southwestern Boundary Study ¹ Phase 1	Bonnie Brae ES, Brookfield ES, Bull Run ES, Clifton ES, Cub Run ES, Deer Park ES, Eagle View ES, Fairview ES, Fairfax Villa ES, Greenbriar East ES, Greenbriar West ES, London Towne ES, Oak View ES, Poplar Tree ES, Providence ES, Union Mill ES, Virginia Run ES, Willow Springs ES	Standard	4/5	Centreville/ Chantilly/ Fairfax/ Robinson/ Westfield/ Woodson

¹ Denotes boundary/program changes implemented through phasing (grandfathering) beginning with the effective school year.

² Fairhill ES is currently in the Falls Church pyramid; at the time of the boundary adjustment a portion was assigned to the Woodson pyramid.

Notes:

1. Administrative boundary adjustments on this chart represent those that impacted more than one street.
2. Pyramids on this chart represent those which the schools feed into.
3. For more information about the type of changes, see Policy and Regulation 8130 and Regulation 3333.

OUTLOOK

CURRENT STATE AND FUTURE OUTLOOK

The Fiscal Year (FY) 2022-2026 Capital Improvement Program (CIP) builds upon the previous Capital Construction Cash Flow. The Capital Construction Cash Flow order is based on the Renovation Queue Status order along with projects that are needed to address needed capacity. Due to changing conditions of the COVID-19 pandemic and the virtual start to school, several parts of the CIP have been significantly impacted this year. A five-year projection set has not been produced and assessment of facility capacity was not completed due to the ongoing planning for return to school. Information about recently completed capital projects including new schools, renovations, and capacity enhancements is included.

CURRENT STATE AND FUTURE OUTLOOK

Capital projects are those related to new construction, capacity enhancements, renovations, and site acquisition. Projects take place in three stages: planning, permitting, and construction. Consequently, elementary school renovations typically take four years to complete, while middle and high schools typically take six years to complete. Construction additions typically take four years for planning, permitting, and construction, while relocating modular additions typically takes two years for permitting and construction.

Table 5 shows the Capital Construction Cash Flow, which details how much money has been spent on each of the listed projects, how much approved bond-funded money is planned to be spent in the future, and how much unfunded money (from future bonds) is needed to complete all projects.

At the conclusion of this section, **Table 7** shows the Priority Recommended Boundary adjustments that are proposed in order for FCPS to use new capacity that has been built through the capital program.

STUDENT MEMBERSHIP AND PROJECTIONS

The COVID-19 pandemic has had an impact on FCPS membership. A new five-year projection set was not produced this year because of the unique impact of COVID-19 and the lack of data available to determine possible impacts to future membership. Whether these trends are temporary for SY 2020-21 will depend on many factors, including the future course of the pandemic and economic conditions. Membership in this CIP includes SY 2019-20 and SY 2020-21. The projected SY 2021-22 membership is based on the FCPS projections from fall 2019 as presented in FY 2021-25 for SY 2020-21. It is important to note that membership figures for CIP planning do not include counts of students who receive services through adult education, multi-agency, and home school and private school special education programs, since school facility capacity calculations do not include these counts. It is also important to note that historical CIP planning figures included the ESOL transitional high school program, prior to SY 2018-19, when the program with Fairfax County Adult High School and is no longer part of the CIP planning figures. Therefore, differences in membership from SY 2018-19 onward and past membership is partly due to the removal of the ESOL transitional high school program from the SY 2018-19 figures.

Table 1 Student Membership and Projections SY 2019-20 to SY 2021-22

SCHOOL TYPE	MEMBERSHIP		PROJECTIONS
	SY 2019 20	SY 2020 21	SY 2021-22
Elementary	97,890	90,161	98,232
Middle	29,868	29,651	30,586
High ¹	58,633	58,241	59,300
FCPS Base Sub-Total²	186,391	178,053	188,118
Special Education Centers ³	613	546	621
Preschool Resource	893	720	729
Alternative School Programs ⁴	132	82	155
Alternative Court Programs ⁵	207	141	214
CIP Planning Total	188,236	179,542	189,837
Other ⁶	774	609	797
Total	189,010	180,151	190,634

¹ High school numbers include Thomas Jefferson, Bryant, and Mountain View high schools.

² FCPS base membership numbers include general education, special education, AAP, FCPS PreK, and preschool.

³ Special education center membership numbers include Burke School, Cedar Lane School, Davis Center, Kilmer Center, Key Center, Pulley Center, and Quander Road School.

⁴ Alternative school program membership numbers include nontraditional sites, alternative learning centers, and Achievement, Integrity and Maturity (AIM).

⁵ Alternative court program membership numbers include interagency.

⁶ Other membership numbers include adult education, multi-agency, and home school and private school special education services.

Sources:

1. FCPS, *Certified Membership*, September 2019 to September 2020.
2. FCPS, *Projections*, Fall 2019.

Notes:

1. The impacts of COVID-19 are uncertain and may affect the accuracy of the student membership projections.
2. Dates for student membership projections and official budget counts are special education and special education preschool (December 1), nontraditional sites (January 31), and FCPS PreK (March 31).

Table 2 Historical and Projected Membership SY 2011-12 to SY 2021-22

	SCHOOL YEAR	CIP MEMBERSHIP	GROWTH
HISTORICAL	2011-12	177,716	-
	2012-13	180,668	2,952
	2013-14	183,577	2,909
	2014-15	185,594	2,017
	2015-16	185,834	240
	2016-17	187,202	1,368
	2017-18	188,300	1,098
	2018-19	187,204	-1,096
	2019-20	188,236	1,032
	2020-21	179,542	-8,694
PROJECTED	2021-22	189,837	10,295

Sources:

1. FCPS, *Certified Membership*, September 2011 to September 2020.
2. FCPS, *Projections*, Fall 2019.

Notes:

1. Membership numbers include general education, special education, AAP, FCPS PreK, preschool, and special education centers.
2. Membership numbers include Thomas Jefferson, Bryant, and Mountain View high schools.
3. Membership numbers do not include adult education, multi-agency, and home school and private school special education services.
4. The difference in membership between SY 2017-18 and SY 2018-19 are partly due to the removal of the ESOL transitional high school program from the SY 2018-19 figures.
5. The impacts of COVID-19 are uncertain and may affect the accuracy of the student membership projections.
6. Dates for student membership projections and official budget counts are based on special education and special education preschool (December 1), nontraditional sites (January 31), and FCPS PreK (March 31).

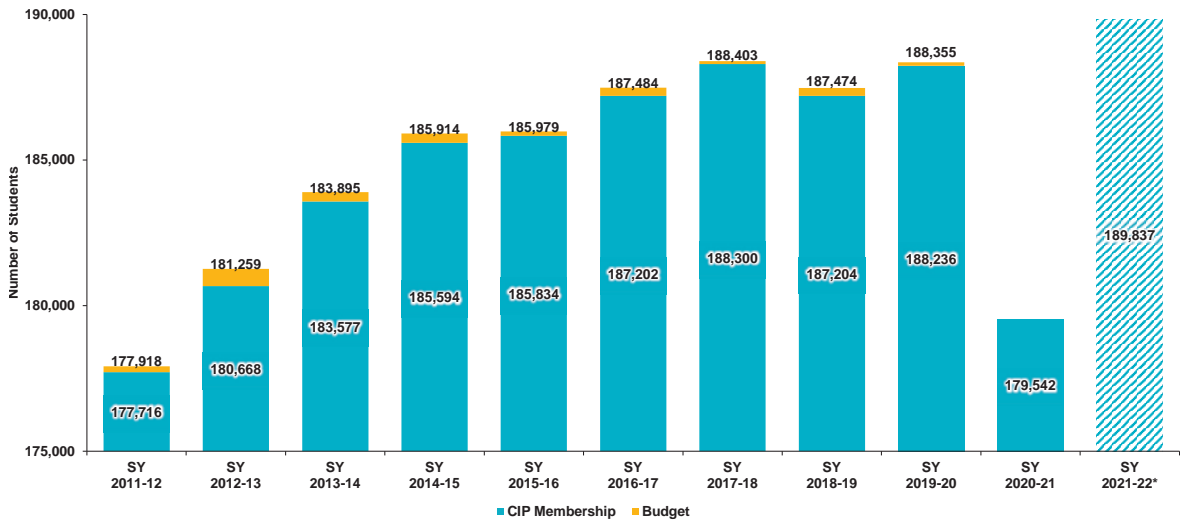


Figure 1 Historical and Projected FCPS Student Membership by Reporting Category SY 2011-12 to SY 2021-22

*Projected

Sources:

1. FCPS, *Certified Membership*, September 2011 to September 2020.
2. FCPS, *Projections*, Fall 2019.
3. FCPS, *Approved Budget*, FY 2016 to FY 2021.

Notes:

1. Membership numbers include general education, special education, AAP, FCPS PreK, preschool, and special education centers.
2. Membership numbers include Thomas Jefferson, Bryant, and Mountain View high schools.
3. Membership numbers do not include adult education, multi-agency, and home school and private school special education services.
4. Differences in membership between SY 2018-19 membership and past membership is partly due to the removal of the ESOL transitional high school program from the SY 2018-19 figures.
5. The impacts of COVID-19 are uncertain and may affect the accuracy of the student membership projections.
6. Dates for student membership projections and official budget counts are special education and special education preschool (December 1), nontraditional sites (January 31), and FCPS PreK (March 31).

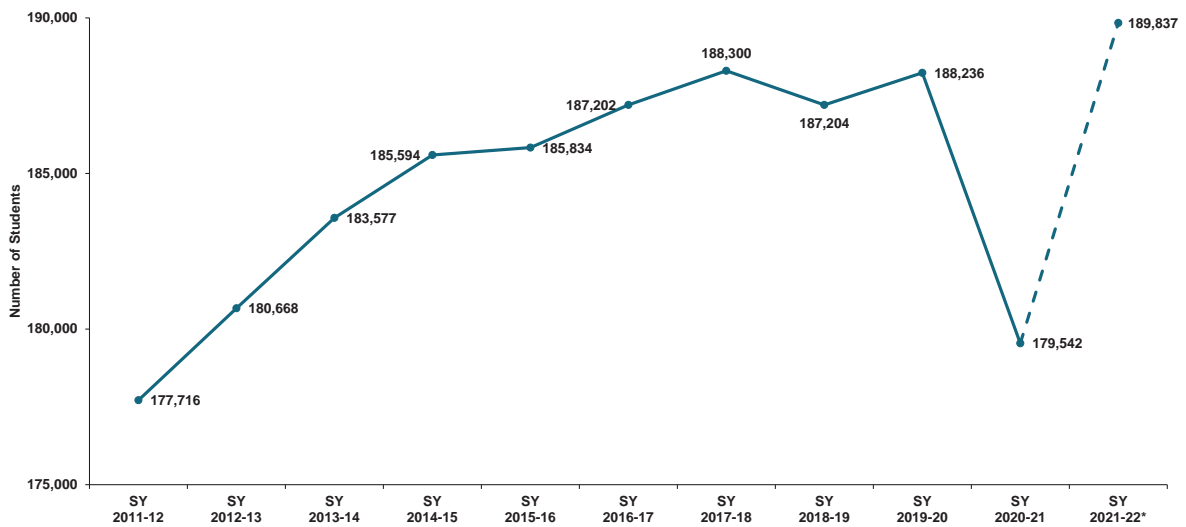


Figure 2 Historical and Projected FCPS Student Membership by Reporting Category

*Projected

Sources:

1. FCPS, *Certified Membership*, September 2011 to September 2020.
2. FCPS, *Projections*, Fall 2019.

Notes:

1. Membership numbers include general education, special education, AAP, FCPS PreK, preschool, and special education centers.
2. Membership numbers include Thomas Jefferson, Bryant, and Mountain View high schools.
3. Membership numbers do not include adult education, multi-agency, and home school and private school special education services.
4. Differences in membership between SY 2018-19 membership and past membership is partly due to the removal of the ESOL transitional high school program from the SY 2018-19 figures.
5. The impacts of COVID-19 are uncertain and may affect the accuracy of the student membership projections.
6. Dates for student membership projections and official budget counts are special education and special education preschool (December 1), nontraditional sites (January 31), and FCPS PreK (March 31).



Figure 3 FCPS Historical K-12 Student Membership by Program and School Type SY 2011-12 to SY 2020-21

Source: FCPS, Certified Membership, September 2011 to September 2020.

Notes:

1. Membership numbers include general education, special education, AAP, FCPS PreK, and preschool.
2. Membership numbers include Thomas Jefferson, Bryant, and Mountain View high schools.
3. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.
4. Percentages for Elementary School do not add up to 100 percent due to AAP being calculated as a percent of the total of the 3rd to 6th grade population.

DETERMINING RENOVATION REQUIREMENTS

Approximately two out of every three CIP dollars are earmarked for renovation of existing school facilities. This significant expenditure reflects both the age of FCPS facilities and the commitment of the Fairfax County School Board (FCSB) to ensure that all schools contain the facilities necessary to support current educational programs. Ideally, renovations should be programmed to accommodate a 20- to 25-year cycle in order to protect capital investment; however, the current renovation cycle is once every 37 years. The renovation program is funded and executed according to a published priority listing, known as the Renovation Queue, which is based upon condition assessments provided by independent architectural and engineering firms.

The Renovation Queue is the result of FCPS commissioned school evaluation studies completed in 1988, 2000, and 2008. The first two studies assessed buildings on two criteria: the condition and age of each facility. The Department of Facilities and Transportation Services (FTS) and the FCSB subsequently determined that these two evaluation criteria were not adequate to capture FCPS needs. The next facility evaluation study was commissioned in 2008, whereby the following evaluation criteria, weighted by importance, were developed:

- Quantity and quality of core instructional spaces 40%
- Age and condition of the facility 30%
- Quantity and quality of supplemental instructional space 10%
- Adequacy of administrative and support space 10%
- Code compliance of the facility 10%

Multiple teams of architects and engineers evaluated the 63 schools that had been constructed or renovated prior to 1992. The scores were totaled from each consulting team, resulting in the ranked order of schools from the lowest need to the highest. The following table displays the ranked order as well as the funding status of the schools within the Renovation Queue.

Table 3 Renovation Queue Status

SCHOOL NAME	RANK	PROJECT STATUS	SCHOOL NAME	RANK	PROJECT STATUS	SCHOOL NAME	RANK	PROJECT STATUS
CLERMONT ES	1	Completed	WEST SPRINGFIELD HS	23	Completed	FALLS CHURCH HS	45	In Planning
TERRASET ES	2	Completed	MOUNT VERNON WOODS ES	24	Completed	BREN MAR PARK ES	46	Unfunded
SUNRISE VALLEY ES	3	Completed	HERNDON HS	25	In Construction	BROOKFIELD ES	47	Unfunded
GARFIELD ES	4	Completed	ROCKY RUN MS	26	Completed	LEES CORNER ES	48	Unfunded
TERRA CENTRE ES	5	Completed	BELLE VIEW ES	27	Completed	ARMSTRONG ES	49	Unfunded
THOREAU MS	6	Completed	ANNANDALE TERRACE ES	28	Completed	WILLOW SPRINGS ES	50	Unfunded
WESTGATE ES	7	Completed	CLEARVIEW ES	29	Completed	CENTREVILLE HS	51	Unfunded
HAYCOCK ES	8	Completed	OAKTON HS	30	In Construction	HERNDON ES	52	Unfunded
LANGLEY HS	9	Completed	HUGHES MS	31	In Construction	DRANESVILLE ES	53	Unfunded
RAVENSWORTH ES	10	Completed	SILVERBROOK ES	32	Completed	CUB RUN ES	54	Unfunded
WOODLAWN ES	11	Completed	HYBLA VALLEY ES	33	In Construction	FRANKLIN MS	55	Unfunded
FORESTVILLE ES	12	Completed	COOPER MS	34	In Construction	UNION MILL ES	56	Unfunded
NORTH SPRINGFIELD ES	13	Completed	FROST MS	35	In Planning	CENTRE RIDGE ES	57	Unfunded
SPRINGFIELD ESTATES ES	14	Completed	WASHINGTON MILL ES	36	In Construction	POPLAR TREE ES	58	Unfunded
KEENE MILL ES	15	Completed	BRADDOCK ES	37	In Planning	WAPLES MILL ES	59	Unfunded
BUCKNELL ES	16	Completed	FOX MILL ES	38	In Planning	SANGSTER ES	60	Unfunded
CHERRY RUN ES	17	Completed	OAK HILL ES	39	In Planning	TWAIN MS	61	Unfunded
WAYNEWOOD ES	18	Completed	WAKEFIELD FOREST ES	40	In Planning	SARATOGA ES	62	Unfunded
STRATFORD LANDING ES	19	Completed	LOUISE ARCHER ES	41	In Planning	VIRGINIA RUN ES	63	Unfunded
NEWINGTON FOREST ES	20	Completed	CROSSFIELD ES	42	In Planning			
HOLLIN MEADOWS ES	21	Completed	MOSBY WOODS ES	43	In Planning			
WHITE OAKS ES	22	Completed	BONNIE BRAE ES	44	In Planning			

Notes:

1. Project Status as of December 2020.
2. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

Presently, 45 of the 63 schools in the 2008 Renovation Queue have received funding for planning or construction. Over the past seven years, 29 schools have been renovated. Five schools are currently in construction and renovation projects at four schools are expected to begin in FY 2021. The current estimates, based upon construction costs, available funding and projected capacity requirements, indicate that all schools within the queue will have funding for either planning or construction by the fall of 2027. It is likely that a new queue will need to be created by 2022. To view information on currently funded projects which are underway refer to the Building for Our Future: Capital Improvement project status at <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

Table 4 Proposed FY 2022-26 Capital Improvement Program Summary

PROJECT	REVISED BUDGET	PRIOR YEARS EXPENDITURE	FIVE YEAR CAPITAL IMPROVEMENT PROGRAM FORECAST					PROJECTED EXPENDITURES FY 2027 - 2031
			PROJECTED EXPENDITURES					
			FY 2022	FY 2023	FY 2024	FY 2025*	FY 2026	
New School Construction	\$420,133,861	\$34,876,582	\$1,244,401	\$2,170,764	\$12,863,619	\$24,441,859	\$30,721,277	\$313,815,359
Capacity Enhancement	\$99,607,396	\$26,227,143	\$39,471,462	\$20,581,525	\$1,327,267	-	-	\$12,000,000
Renovation Programs	\$1,893,792,720	\$489,289,500	\$171,996,475	\$206,718,247	\$179,262,491	\$198,723,344	\$203,116,720	\$444,685,944
Site Acquisition	\$47,351,852		\$2,500,000	\$2,500,000	\$5,000,000	\$12,450,617	\$12,450,617	\$12,450,617
Total Project Cost	\$2,460,885,829	\$550,393,224	\$215,212,338	\$231,970,536	\$198,453,377	\$235,615,820	\$246,288,614	\$782,951,920
Funded Project Cost	\$908,875,796	\$550,393,224	\$175,863,872	\$106,121,785	\$32,827,566	\$18,500,000	\$4,000,000	\$21,169,348
Unfunded Project Cost	\$1,552,010,033		\$39,348,466	\$125,848,750	\$165,625,811	\$217,115,820	\$242,288,614	\$761,782,572

Total Five Year Requirement	\$1,127,540,684
Funded	\$337,313,223
Unfunded	\$790,227,461

Total Ten Year Requirement	\$1,910,492,605
Funded	\$358,482,571
Unfunded	\$1,552,010,033

* Assumes an increase of \$25 million every five years to offset inflation starting from FY 2025.
 Note: **Numbers in red** indicate unfunded amounts and **numbers in blue** indicate funded amounts.

Table 5 Proposed FY 2022-26 CIP Capital Construction Cash Flow

Project	CAPITAL CONSTRUCTION CASH FLOW							
	Revised Budget	Prior Year Expenditures	FY 2022 Expenditures	FY 2023 Expenditures	FY 2024 Expenditures	FY 2025 * Expenditures	FY 2026 Expenditures	Projected Future Project Spending
New School Construction								
McNair Upper ES (North West County ES)	34,820,983	34,176,582	644,401					
Dunn Loring ES (new and repurposed)	36,800,000	700,000	600,000	1,000,000	12,000,000	18,500,000	4,000,000	
Silver Line ES (at location to be determined)	39,573,629			1,170,764	863,619	5,941,859	24,046,917	7,550,470
Western HS	157,707,000						2,674,361	155,032,639
Route 1 ES	21,169,348							21,169,348
3 New and/or Repurposed Schools	130,062,901							130,062,901
Total New School Construction	420,133,861	34,876,582	1,244,401	2,170,764	12,863,619	24,441,859	30,721,277	313,815,359
Funded	94,824,715	34,876,582	1,244,401	2,170,764	12,863,619	18,500,000	4,000,000	21,169,348
Unfunded Portion	325,309,146					5,941,859	26,721,277	292,646,011
Capacity Enhancement								
Modular Relocations	22,000,000	8,000,000	2,000,000					12,000,000
West Potomac HS Addition	34,360,813	8,984,254	15,924,725	9,451,834				
Justice HS Addition	19,715,737	2,795,590	7,277,511	8,315,369	1,327,267			
Madison HS Addition	23,530,846	6,447,298	14,269,226	2,814,322				
Total Capacity Enhancements	99,607,396	26,227,143	39,471,462	20,581,525	1,327,267			12,000,000
Funded	87,607,396	26,227,143	39,471,462	20,581,525	1,327,267			
Unfunded Portion	12,000,000							12,000,000
School Renovations								
Elementary School Renovations								
Belle View	27,011,199	27,011,199						
Annapdale Terrace	27,735,480	27,735,480						
Clearview	26,210,644	26,210,644						
Silverbrook	26,058,026	26,058,026						
Hybla Valley	33,464,912	14,841,539	15,588,499	3,034,875				
Washington Mill	30,004,063	10,335,375	14,881,462	4,787,226				
Braddock	35,637,395	9,294,183	16,633,437	9,709,775				
Fox Mill	29,616,669	5,428,250	13,790,833	10,397,586				
Oak Hill	33,219,385	2,469,405	10,525,165	14,947,740	5,277,075			
Wakefield Forest	30,712,311	1,165,728	6,227,132	18,820,484	4,498,967			
Louise Archer	29,366,836	1,728,657	5,856,818	17,940,889	3,840,471			
Crossfield	31,069,941	714,007	714,007	15,050,265	12,623,350	1,968,311		
Mosby Woods	37,907,334	504,957	865,641	18,458,497	15,708,768	2,369,470		
Bonnie Brae	35,707,191	474,697	813,767	6,880,683	22,226,754	5,311,290		
Bren Mar Park	31,626,846		719,872	1,234,067	10,143,436	17,265,042	2,264,428	
Brookfield	38,721,113		877,942	1,505,043	6,681,280	22,069,392	7,587,457	
Lees Corner	35,998,583		819,368	1,404,632	11,546,885	19,653,856	2,573,841	
Armstrong	31,009,612		1,131,704	1,234,587	14,910,637	13,597,890	134,793	
Willow Springs	38,425,472		896,556	1,536,953	12,314,113	20,955,841	2,722,009	
Hemdon	42,211,421			966,291	1,656,498	13,538,391	23,042,619	3,007,621
Dranesville	38,473,212			1,538,899	1,658,999	16,859,660	18,375,295	160,458
Cub Run	36,515,343				1,422,966	1,422,966	16,036,365	17,633,046
Union Mill	44,932,671				1,029,105	1,764,180	14,411,512	27,727,875
Centre Ridge	43,474,313				1,704,490	1,704,490	19,085,416	20,979,918
Poplar Tree	39,560,735				1,583,241	1,583,241	17,335,830	19,058,424
Waples Mill	43,907,733				1,760,480	1,760,480	19,239,153	21,147,620
Sangster	45,008,590					1,769,280	1,814,516	41,424,814
Saratoga	45,258,914					1,815,572	1,815,572	41,627,771
Virginia Run	43,657,745					1,713,266	1,713,266	40,231,214
Total Elementary Renovations	1,032,503,686	153,972,146	90,342,203	129,448,490	130,467,416	147,122,598	148,152,071	232,998,762
Funded	275,939,233	153,972,146	73,812,811	42,877,202	5,277,075			
Unfunded Portion	756,564,453		16,529,393	86,571,288	125,190,341	147,122,598	148,152,071	232,998,762
Middle School Renovations								
Rocky Run	48,859,188	48,859,188						
Hughes	52,174,400	48,960,412	3,213,988					
Cooper	51,807,267	20,126,709	16,717,390	14,963,168				
Frost	59,012,574	10,473,966	20,150,877	20,028,127	8,359,605			
Franklin	71,411,764				1,306,709	2,240,072	2,240,072	65,624,910
Twain	70,106,633					2,198,128	2,198,128	65,710,377
Total Middle School Renovations	353,371,827	128,420,275	40,082,255	34,991,295	9,666,313	4,438,201	4,438,201	131,335,287
Funded	211,853,429	128,420,275	40,082,255	34,991,295	8,359,605			
Unfunded Portion	141,518,398				1,306,709	4,438,201	4,438,201	131,335,287
High School Renovations								
Hemdon	106,307,648	106,307,648						
Oakton	112,229,271	90,475,327	18,752,944	3,001,000				
Falls Church	142,591,088	10,114,104	20,351,760	35,150,742	35,002,042	31,894,745	10,077,696	
Centreville	146,789,200		2,467,313	4,126,720	4,126,720	15,267,800	40,448,752	80,351,895
Total High School Renovations	507,917,207	206,897,079	41,572,017	42,278,462	39,128,762	47,162,545	50,526,448	80,351,895
Funded	228,651,023	206,897,079	18,752,944	3,001,000				
Unfunded Portion	279,266,184		22,819,073	39,277,462	39,128,762	47,162,545	50,526,448	80,351,895
Total Renovations (All Schools)	1,893,792,720	489,289,500	171,996,475	206,718,247	179,262,491	198,723,344	203,116,720	444,685,944
Funded	716,443,685	489,289,500	132,648,009	80,869,496	13,636,679			
Unfunded Portion	1,177,349,035		39,348,466	125,848,750	165,625,811	198,723,344	203,116,720	444,685,944
Site Acquisition								
Total Site Acquisition	47,351,852		2,500,000	2,500,000	5,000,000	12,450,617	12,450,617	12,450,617
Funded	10,000,000		2,500,000	2,500,000	5,000,000			
Unfunded Portion	37,351,852					12,450,617	12,450,617	12,450,617
Total Project Cost	2,460,885,829	550,393,224	215,212,338	231,970,536	198,453,377	235,615,820	246,288,614	782,951,920
Funded Portion	908,875,796	550,393,224	175,863,872	106,121,785	32,827,566	18,500,000	4,000,000	21,169,348
Unfunded Portion	1,552,010,033		39,348,466	125,848,750	165,625,811	217,115,820	242,288,614	761,782,572

* Assumes an increase of \$25 million every five years to offset inflation starting from FY 2025.

Note: Numbers in red indicate unfunded amounts and numbers in blue indicate funded amounts.

Table 6 Ten-Year Capital Improvement Program Forecast FY 2021 to FY 2030

Ten-Year CIP Forecast											
		2019 Bond	2021 Bond		2023 Bond		2025 Bond		2027 Bond		2029 Bond
School		FY 2021	FY 2022	FY 2023	FY 2024	FY 2025 *	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030*
New											
	McNair Upper ES (North West County ES)										
	Dunn Loring ES										
	Silver Line ES (at Location TBD)										
	Western HS										
	Route 1 ES										
	Tysons ES										
	Pimmit Hills - Repurpose										
	Virginia Hills - Repurpose										
Capacity Enhancement											
	West Potomac HS Addition										
	Justice HS Addition										
	Madison HS Addition										
Queue Rank	ES Renovations										
27	Belle View ES										
28	Annandale Terrace ES										
29	Clearview ES										
32	Silverbrook ES										
33	Hybla Valley ES										
36	Washington Mill ES										
37	Braddock ES										
38	Fox Mill ES										
39	Oak Hill ES										
40	Wakefield Forest ES										
41	Louise Archer ES										
42	Crossfield ES										
43	Mosby Woods ES										
44	Bonnie Brae ES										
46	Bren Mar Park ES										
47	Brookfield ES										
48	Lees Corner ES										
49	Armstrong ES										
50	Willow Springs ES										
52	Herndon ES										
53	Dranesville ES										
54	Cub Run ES										
56	Union Mill ES										
57	Centre Ridge ES										
58	Poplar Tree ES										
59	Waples Mill ES										
60	Sangster ES										
62	Saratoga ES										
63	Virginia Run ES										
MS Renovations											
26	Rocky Run MS										
31	Hughes MS										
34	Cooper MS										
35	Frost MS										
55	Franklin MS										
61	Twain MS										
HS Renovations											
25	Herndon HS										
30	Oakton HS										
45	Falls Church HS										
51	Centreville HS										
Site Acquisition											

Planning
Permitting
Construction

* Assumes an increase of \$25M after every 5 years to offset inflation, starting from FY 2025.
 Note: Estimated Construction Schedule based upon \$180 million Cash Flow through FY 2024.

BOUNDARY ADJUSTMENT PROCESS AND IMPLEMENTED CAPACITY SOLUTIONS

The annual CIP process provides advanced notice to school communities concerning capital projects, capacity enhancements, and possible boundary adjustment options that may occur over the next five years. The membership capacity comparisons include potential solutions for student accommodations. Boundary adjustments are part of the potential solutions considered by staff and FCPS administration to alleviate current and projected school capacity deficits. It should be noted that boundary adjustments are governed by FCSB Policy 8130 and Regulation 8130.

The following is a list of potential solutions to consider alleviating current and projected school capacity deficits. For consideration purposes, as many options as possible have been identified for each school, in no significant order, and may be contingent on other potential solutions listed. Any options chosen for implementation will be discussed and decided through a transparent process with the appropriate stakeholders, in accordance with School Board Policies and Regulations.

- A. Increase efficiency by reassigning instructional spaces within a school to accommodate increase in membership.
- B. Possible program changes.
- C. Minor interior facility modifications to create additional instructional space and help to accommodate capacity deficit.
- D. Add temporary classrooms to accommodate short-term capacity deficit.
- E. Repurpose existing inventory of school facilities not currently being used as schools or build a new school facility.
- F. Capacity enhancement through either a modular or building addition.
- G. Utilize existing space on a school site currently used by non-school programs.
- H. Potential boundary adjustment with schools having a capacity surplus

The following points outline the process of selecting schools for a boundary study as part of the CIP process:

1. **Potential Solutions:** A list of potential solutions, in no significant order, is identified in the CIP for consideration for schools with a capacity deficit. Potential boundary adjustment for schools having a capacity surplus is included as potential solution “H” for consideration of implementation.
2. **Monitoring Capacity Concerns:** FCSB identifies schools for future consideration in which they are monitoring capacity concerns and implementation of potential solutions in **Table 8**.
3. **Priority Recommended Boundary Studies:** FCSB identifies the schools for which boundary adjustments are to be a priority, listed in **Table 7**.

Once schools are selected for a boundary study, the following process occurs, as outlined in Regulation 8130:

1. **Scope of Boundary Study Presentation:** A scope of study for schools to be considered in a boundary study is presented to FCSB for approval.
2. **Community Meetings**
 - a. **Boundary Scoping Community Meeting(s):** The community is asked to suggest which schools and areas should be considered in the boundary adjustment solution. This may be undertaken in advance of a Scope of Boundary Study presentation to the School Board for approval.
 - b. **Boundary Study Community Meeting(s):** Possible boundary change options are prepared by staff for consideration at a meeting held to share the options with the community and to collect feedback on the options.

3. **School Board Meeting/New Business:** Staff present a recommendation for a boundary adjustment to the School Board as New Business at a Regular School Board meeting.
4. **School Board Public Hearing:** The School Board holds a Public Hearing on the boundary adjustment being considered.
5. **School Board Meeting/Action:** The School Board votes on a decision for the boundary adjustment.

As identified in the process outlined above, community engagement during the process includes meetings within the affected school communities that are facilitated by staff, at which potential adjustment options are presented for discussion and feedback is sought regarding the scope of the change. Community input is incorporated into a recommended option presented to FCSB. Additional opportunities for community engagement occur as options are discussed at FCSB meetings and work sessions and a public hearing held for additional public comment before any final action is taken.

Table 7 includes Priority Recommended Boundary Studies determined to be priorities for future consideration by FCSB as part of the approval of the FY 2022-26 CIP. Any boundary study and option chosen for implementation by FCSB will be discussed and decided through a transparent process that engages the community, in accordance with policies and regulations. **Table 8** identifies schools for future consideration in which FCSB is monitoring capacity concerns and implementation of potential solutions.

Table 7 Priority Recommended Boundary Adjustments

REGION	PYRAMID	POTENTIAL SOLUTIONS	SCHOOL	OBJECTIVE	POTENTIAL SCOPING	POTENTIAL BOUNDARY ADJUSTMENT	ANTICIPATED EFFECTIVE DATE
1/2	McLean/Langley	A, D, F, H	McLean HS/ Langley HS	Capacity Balance	Fall 2019	Spring 2020	SY 2021-22
2	Justice	A, B, C, H	Glen Forest ES	Capacity Relief	Spring 2019	Fall 2019	SY 2021-22
2	Marshall	B, D, E, F, H	Shrevevood ES	Capacity Relief	Spring 2020	Fall 2020	SY 2021-22

Table 8 Monitoring Capacity Concerns by FCSB for future consideration:

MAGISTERIAL DISTRICTS	REGION	PYRAMID	SCHOOLS
Braddock/Springfield	4/5	Lake Braddock/Woodson	Kings Glen/Kings Park/Little Run/Olde Creek
Braddock/Springfield	4	Robinson	Fairview ES
Braddock/Springfield/Sully	4	Centreville/Robinson	Clifton Area Elementary Schools
Dranesville	2	McLean	Kent Garden ES
Dranesville	5	TBD	Silver Line ES*
Providence	1	TBD	Dunn Loring ES
Mason	2	Annandale	Bren Mar Park ES
Mason/Providence	2	Falls Church	Falls Church HS
Mason/Providence	2	Falls Church	Woodburn ES
Mount Vernon	3	West Potomac	Waynewood ES
Providence	2	Falls Church	Pine Spring ES
Providence	2	Falls Church	Dunn Loring ES - Repurpose*
Springfield	5	Chantilly	Chantilly HS
Springfield	4	West Springfield	Orange Hunt ES
Springfield/Sully	4	Centreville	Centreville HS

* Indicates new schools or repurposing of sites.
For these, the magisterial district and pyramid of the site are listed.

The following pages outline the capacity history and implemented solutions for the schools identified in **Table 7** that are identified by the FCSB for priority recommended boundary adjustments. Solutions implemented for these schools are on pages 44-46.

McLean HS Capacity Deficit

Potential solutions for implementation are identified in the annual update of the CIP to reflect changing conditions within our schools and communities. As identified on page 42, there are several potential solutions to address a capacity deficit. Some potential solutions are less fiscally demanding than capital projects, such as programming and boundary adjustments. The solutions listed have been implemented after discussion and decisions with the appropriate stakeholders, in accordance with FCSB Policies and Regulations.

McLean HS started to have a capacity deficit in SY 2011-12. The student membership, capacity trends, and solutions implemented to address a capacity deficit over the last ten years for McLean HS are presented below.

Historical Membership, Capacity Utilization, and Solutions Implemented

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²	SOLUTIONS IMPLEMENTED OR IN PROGRESS
SY 2011-12	1,974	102%	
SY 2012-13	2,087	105%	D. Added temporary classrooms to accommodate short-term capacity deficit.
SY 2013-14	2,073	104%	D. Added temporary classrooms to accommodate short-term capacity deficit.
SY 2014-15	2,050	103%	
SY 2015-16	2,089	106%	
SY 2016-17	2,053	104%	
SY 2017-18	2,167	109%	
SY 2018-19	2,255	114%	D. Added temporary classrooms to accommodate short-term capacity deficit. C. Minor interior facility modifications to create additional instructional space
SY 2019-20	2,350	118%	D. Added temporary classrooms to accommodate short-term capacity deficit. C. Minor interior facility modifications to create additional instructional space H. Potential boundary adjustment with schools having a capacity surplus (study ongoing)
SY 2020-21	2,292	Unavailable ³	F. Capacity enhancement through a modular or building addition. <i>Modular completion FY 2021.</i>

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020; FCPS, Design and Construction, *Facilities Improvement List*, December 2020.

Notes:

- To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
- Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

Glen Forest ES Capacity Deficit

Potential solutions for implementation are identified in the annual update of the CIP to reflect changing conditions within our schools and communities. As identified on page 42 of this CIP, there are several potential solutions to address a capacity deficit. Some potential solutions are less fiscally demanding than capital projects, such as programming and boundary adjustments. The solutions listed have been implemented after discussion and decisions with the appropriate stakeholders, in accordance with School Board Policies and Regulations.

Glen Forest ES started to have a capacity deficit in SY 2011-12. The student membership, capacity trends, and solutions implemented to address a capacity deficit over the last ten years for Glen Forest ES are presented below.

Historical Membership, Capacity Utilization, and Solutions Implemented

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²	SOLUTIONS IMPLEMENTED OR IN PROGRESS
SY 2011-12	976	101%	D. Added temporary classrooms to accommodate short-term capacity deficit.
SY 2012-13	999	97%	D. Added temporary classrooms to accommodate short-term capacity deficit.
SY 2013-14	1,043	104%	D. Added temporary classrooms to accommodate short-term capacity deficit.
SY 2014-15	1,070	107%	
SY 2015-16	1,040	94%	A. Increased efficiency by reassigning instructional spaces within a school to accommodate increase in membership. C. Minor interior facility modifications to create additional instructional space and help to accommodate capacity deficit.
SY 2016-17	1,036	95%	A. Increased efficiency by reassigning instructional spaces within a school to accommodate increase in membership. C. Minor interior facility modifications to create additional instructional space and help to accommodate capacity deficit.
SY 2017-18	1,065	97%	
SY 2018-19	1,100	100%	
SY 2019-20	1,092	101%	
SY 2020-21	1,075	Unavailable ³	

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020; FCPS, Design and Construction, *Facilities Improvement List*, December 2020.

Notes:

1. To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
2. Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

Shrevewood ES Capacity Deficit

Potential solutions for implementation are identified in the annual update of the CIP to reflect changing conditions within our schools and communities. As identified on page 42 of this CIP, there are several potential solutions to address a capacity deficit. Some potential solutions are less fiscally demanding than capital projects, such as programming and boundary adjustments. The solutions listed have been implemented after discussion and decisions with the appropriate stakeholders, in accordance with School Board Policies and Regulations.

Shrevewood ES started to have a capacity deficit in SY 2012-13. The student membership, capacity trends, and solutions implemented to address a capacity deficit over the last ten years for Shrevewood ES are presented below.

Historical Membership, Capacity Utilization, and Solutions Implemented

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²	SOLUTIONS IMPLEMENTED OR IN PROGRESS
SY 2011-12	608	99%	D. Added temporary classrooms to accommodate short-term capacity deficit.
SY 2012-13	638	102%	
SY 2013-14	686	106%	D. Added temporary classrooms to accommodate short-term capacity deficit.
SY 2014-15	699	103%	
SY 2015-16	734	106%	A. Increased efficiency by reassigning instructional spaces within a school to accommodate increase in membership. C. Minor interior facility modifications to create additional instructional space and help to accommodate capacity deficit.
SY 2016-17	736	111%	D. Added temporary classrooms to accommodate short-term capacity deficit.
SY 2017-18	770	116%	
SY 2018-19	773	118%	
SY 2019-20	771	118%	B. Program changes.
SY 2020-21	719	Unavailable ³	

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020; FCPS, Design and Construction, *Facilities Improvement List*, December 2020.

Notes:

- To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
- Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

Table 9 shows schools with a capacity utilization of 115% or more, as listed in the FY 2021-25 CIP, when in-person instruction occurred. These schools are considered to have a substantial capacity deficit.

Table 9 Schools at or above 115% Utilization:

SCHOOL NAME	SY 2019-20
McNair ES	146%
Wakefield Forest ES	132%
Oakton HS	130%
Kent Gardens ES	123%
Centreville HS	122%
West Potomac HS	119%
Hybla Valley HS	119%
Shreveewood ES ¹	118%
McLean HS ¹	118%
Justice HS	116%

¹Schools identified in Table 7 for a Priority Recommended Boundary Adjustment.

The following pages outline the capacity history and implemented solutions for the schools identified in **Table 9**, that are not also identified for a boundary study. Solutions implemented for a school over 115% Utilization identified for a boundary study are on pages 48-55.

McNair ES Capacity Deficit

Potential solutions for implementation are identified in the annual update of the CIP to reflect changing conditions within our schools and communities. As identified on page 42 of this CIP, there are several potential solutions to address a capacity deficit. Some potential solutions are less fiscally demanding than capital projects, such as programming and boundary adjustments. The solutions listed have been implemented after discussion and decisions with the appropriate stakeholders, in accordance with School Board Policies and Regulations.

McNair ES started to have a capacity deficit in SY 2012-13. The student membership, capacity trends, and solutions implemented to address a capacity deficit over the last ten years for McNair ES are presented below.

Historical Membership, Capacity Utilization, and Solutions Implemented

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²	SOLUTIONS IMPLEMENTED OR IN PROGRESS
SY 2011-12	833	95%	
SY 2012-13	970	113%	D. Added temporary classrooms to accommodate short-term capacity deficit.
SY 2013-14	1,093	125%	D. Added temporary classrooms to accommodate short-term capacity deficit.
SY 2014-15	1,236	142%	D. Added temporary classrooms to accommodate short-term capacity deficit.
SY 2015-16	1,283	141%	D. Added temporary classrooms to accommodate short-term capacity deficit. Planning funding identified for North West County ES in 2015 Bond.
SY 2016-17	1,342	148%	
SY 2017-18	1,376	151%	D. Added temporary classrooms to accommodate short-term capacity deficit. Construction funding identified for North West County ES in 2017 Bond.
SY 2018-19	1,315	144%	
SY 2019-20	1,301	146%	
SY 2020-21	626	Unavailable ³	E. Repurpose existing inventory of school facilities not currently being used as schools or build a new school facility. Construction finished for North West County ES, formally McNair Upper.

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020; FCPS, Design and Construction, *Facilities Improvement List*, December 2020.

Notes:

- To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
- Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

Wakefield Forest ES Capacity Deficit

Potential solutions for implementation are identified in the annual update of the CIP to reflect changing conditions within our schools and communities. As identified on page 42 of this CIP, there are several potential solutions to address a capacity deficit. Some potential solutions are less fiscally demanding than capital projects, such as programming and boundary adjustments. The solutions listed have been implemented after discussion and decisions with the appropriate stakeholders, in accordance with School Board Policies and Regulations.

Wakefield Forest ES started to have a capacity deficit in SY 2013-14. The student membership, capacity trends, and solutions implemented to address a capacity deficit over the last ten years for Wakefield Forest ES are presented below.

Historical Membership, Capacity Utilization, and Solutions Implemented

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²	SOLUTIONS IMPLEMENTED OR IN PROGRESS
SY 2011-12	480	98%	
SY 2012-13	479	95%	
SY 2013-14	515	101%	
SY 2014-15	546	107%	
SY 2015-16	575	106%	
SY 2016-17	593	112%	
SY 2017-18	609	123%	A. Increased efficiency by reassigning instructional spaces within a school to accommodate increase in membership. D. Added temporary classrooms to accommodate short-term capacity deficit.
SY 2018-19	669	135%	A. Increased efficiency by reassigning instructional spaces within a school to accommodate increase in membership.
SY 2019-20	688	132%	A. Increased efficiency by reassigning instructional spaces within a school to accommodate increase in membership. C. Minor interior facility modifications to create additional instructional space and help to accommodate capacity deficit. D. Added temporary classrooms to accommodate short-term capacity deficit. Renovation Planning funding identified in 2019 Bond.
SY 2020-21	631	Unavailable ³	

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020; FCPS, Design and Construction, *Facilities Improvement List*, December 2020.

Notes:

- To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
- Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

Oakton HS Capacity Deficit

Potential solutions for implementation are identified in the annual update of the CIP to reflect changing conditions within our schools and communities. As identified on page 42 of this CIP, there are several potential solutions to address a capacity deficit. Some potential solutions are less fiscally demanding than capital projects, such as programming and boundary adjustments. The solutions listed have been implemented after discussion and decisions with the appropriate stakeholders, in accordance with School Board Policies and Regulations.

Oakton HS has had a capacity deficit for over ten years. The student membership, capacity trends, and solutions implemented to address a capacity deficit over the last ten years for Oakton HS are presented below.

Historical Membership, Capacity Utilization, and Solutions Implemented

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²	SOLUTIONS IMPLEMENTED OR IN PROGRESS
SY 2011-12	2,218	107%	
SY 2012-13	2,165	104%	
SY 2013-14	2,198	105%	Renovation Planning funding identified in 2013 Bond.
SY 2014-15	2,267	108%	
SY 2015-16	2,412	115%	
SY 2016-17	2,492	121%	
SY 2017-18	2,632	126%	Renovation Construction funding identified in 2017 Bond.
SY 2018-19	2,733	131%	
SY 2019-20	2,722	130%	
SY 2020-21	2,697	Unavailable ³	

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020; FCPS, Design and Construction, *Facilities Improvement List*, December 2020.

Notes:

1. To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
2. Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

Kent Gardens ES Capacity Deficit

Potential solutions for implementation are identified in the annual update of the CIP to reflect changing conditions within our schools and communities. As identified on page 42 of this CIP, there are several potential solutions to address a capacity deficit. Some potential solutions are less fiscally demanding than capital projects, such as programming and boundary adjustments. The solutions listed have been implemented after discussion and decisions with the appropriate stakeholders, in accordance with School Board Policies and Regulations.

Kent Gardens ES has had a capacity deficit for over ten years. The student membership, capacity trends, and solutions implemented to address a capacity deficit over the last ten years for Kent Gardens ES are presented below.

Historical Membership, Capacity Utilization, and Solutions Implemented

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²	SOLUTIONS IMPLEMENTED OR IN PROGRESS
SY 2011-12	894	110%	
SY 2012-13	906	111%	A. Increased efficiency by reassigning instructional spaces within a school to accommodate increase in membership. C. Minor interior facility modifications to create additional instructional space and help to accommodate capacity deficit. D. Added temporary classrooms to accommodate short-term capacity deficit.
SY 2013-14	919	113%	
SY 2014-15	922	113%	
SY 2015-16	928	108%	
SY 2016-17	966	114%	A. Increased efficiency by reassigning instructional spaces within a school to accommodate increase in membership. C. Minor interior facility modifications to create additional instructional space and help to accommodate capacity deficit.
SY 2017-18	1,025	121%	
SY 2018-19	996	117%	
SY 2019-20	1,047	123%	A. Increased efficiency by reassigning instructional spaces within a school to accommodate increase in membership. D. Added temporary classrooms to accommodate short-term capacity deficit.
SY 2020-21	1,016	Unavailable ³	

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020; FCPS, Design and Construction, *Facilities Improvement List*, December 2020.

Notes:

1. To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
2. Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

Centreville HS Capacity Deficit

Potential solutions for implementation are identified in the annual update of the CIP to reflect changing conditions within our schools and communities. As identified on page 42 of this CIP, there are several potential solutions to address a capacity deficit. Some potential solutions are less fiscally demanding than capital projects, such as programming and boundary adjustments. The solutions listed have been implemented after discussion and decisions with the appropriate stakeholders, in accordance with School Board Policies and Regulations.

Centreville HS has had a capacity deficit for over ten years. The student membership, capacity trends, and solutions implemented to address a capacity deficit over the last ten years for Centreville HS are presented below.

Historical Membership, Capacity Utilization, and Solutions Implemented

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²	SOLUTIONS IMPLEMENTED OR IN PROGRESS
SY 2011-12	2,333	113%	
SY 2012-13	2,381	116%	D. Added temporary classrooms to accommodate short-term capacity deficit.
SY 2013-14	2,392	117%	D. Added temporary classrooms to accommodate short-term capacity deficit.
SY 2014-15	2,436	115%	
SY 2015-16	2,472	115%	C. Minor interior facility modifications to create additional instructional space and help to accommodate capacity deficit.
SY 2016-17	2,507	117%	C. Minor interior facility modifications to create additional instructional space and help to accommodate capacity deficit. D. Added temporary classrooms to accommodate short-term capacity deficit.
SY 2017-18	2,568	120%	
SY 2018-19	2,579	120%	
SY 2019-20	2,608	122%	E. Increased efficiency by reassigning instructional spaces within a school to accommodate increase in membership. C. Minor interior facility modifications to create additional instructional space and help to accommodate capacity deficit.
SY 2020-21	2,599	Unavailable ³	

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020; FCPS, Design and Construction, *Facilities Improvement List*, December 2020.

Notes:

- To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
- Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

West Potomac HS Capacity Deficit

Potential solutions for implementation are identified in the annual update of the CIP to reflect changing conditions within our schools and communities. As identified on page 42 of this CIP, there are several potential solutions to address a capacity deficit. Some potential solutions are less fiscally demanding than capital projects, such as programming and boundary adjustments. The solutions listed have been implemented after discussion and decisions with the appropriate stakeholders, in accordance with School Board Policies and Regulations.

West Potomac HS started to have a capacity deficit in SY 2011-12. The student membership, capacity trends, and solutions implemented to address a capacity deficit over the last ten years for West Potomac HS are presented below.

Historical Membership, Capacity Utilization, and Solutions Implemented

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²	SOLUTIONS IMPLEMENTED OR IN PROGRESS
SY 2011-12	2,300	104%	
SY 2012-13	2,271	102%	D. Added temporary classrooms to accommodate short-term capacity deficit.
SY 2013-14	2,325	105%	
SY 2014-15	2,464	111%	
SY 2015-16	2,466	112%	
SY 2016-17	2,575	120%	
SY 2017-18	2,593	117%	F. Capacity enhancement through either a modular or building addition. Addition Planning funding identified in 2017 Bond
SY 2018-19	2,588	117%	A. Increased efficiency by reassigning instructional spaces within a school to accommodate increase in membership. B. Program changes.
SY 2019-20	2,654	119%	C. Minor interior facility modifications to create additional instructional space and help to accommodate capacity deficit. F. Capacity enhancement through either a modular or building addition. Addition Construction funding identified in 2019 Bond.
SY 2020-21	2,618	Unavailable ³	

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020; FCPS, Design and Construction, *Facilities Improvement List*, December 2020.

Notes:

1. To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
2. Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

Hybla Valley ES Capacity Deficit

Potential solutions for implementation are identified in the annual update of the CIP to reflect changing conditions within our schools and communities. As identified on page 42 of this CIP, there are several potential solutions to address a capacity deficit. Some potential solutions are less fiscally demanding than capital projects, such as programming and boundary adjustments. The solutions listed have been implemented after discussion and decisions with the appropriate stakeholders, in accordance with School Board Policies and Regulations.

Hybla Valley ES has had a capacity deficit for over ten years. The student membership, capacity trends, and solutions implemented to address a capacity deficit over the last ten years for Hybla Valley ES are presented below.

Historical Membership, Capacity Utilization, and Solutions Implemented

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²	SOLUTIONS IMPLEMENTED OR IN PROGRESS
SY 2011-12	853	106%	
SY 2012-13	858	112%	D. Added temporary classrooms to accommodate short-term capacity deficit.
SY 2013-14	921	124%	
SY 2014-15	947	126%	
SY 2015-16	974	116%	
SY 2016-17	959	115%	
SY 2017-18	949	113%	Renovation Planning funding identified in 2017 Bond.
SY 2018-19	972	116%	
SY 2019-20	988	119%	C. Minor interior facility modifications to create additional instructional space and help to accommodate capacity deficit. Renovation Construction funding identified in 2019 Bond
SY 2020-21	922	Unavailable ³	

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020; FCPS, Design and Construction, *Facilities Improvement List*, December 2020.

Notes:

1. To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
2. Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

Justice HS Capacity Deficit

Potential solutions for implementation are identified in the annual update of the CIP to reflect changing conditions within our schools and communities. As identified on page 42 of this CIP, there are several potential solutions to address a capacity deficit. Some potential solutions are less fiscally demanding than capital projects, such as programming and boundary adjustments. The solutions listed have been implemented after discussion and decisions with the appropriate stakeholders, in accordance with School Board Policies and Regulations.

Justice HS has had a capacity deficit since SY 2015-16. The student membership, capacity trends, and solutions implemented to address a capacity deficit over the last ten years for Justice HS are presented below.

Historical Membership, Capacity Utilization, and Solutions Implemented

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²	SOLUTIONS IMPLEMENTED OR IN PROGRESS
SY 2011-12	1,741	89%	
SY 2012-13	1,746	90%	
SY 2013-14	1,823	93%	
SY 2014-15	1,945	99%	
SY 2015-16	1,973	100%	A. Increased efficiency by reassigning instructional spaces within a school to accommodate increase in membership. C. Minor interior facility modifications to create additional instructional space and help to accommodate capacity deficit.
SY 2016-17	2,095	105%	A. Increased efficiency by reassigning instructional spaces within a school to accommodate increase in membership. C. Minor interior facility modifications to create additional instructional space and help to accommodate capacity deficit.
SY 2017-18	2,180	109%	A. Increased efficiency by reassigning instructional spaces within a school to accommodate increase in membership. F. Capacity enhancement through either a modular or building addition. Addition Planning funding identified in 2017 Bond
SY 2018-19	2,188	110%	C. Minor interior facility modifications to create additional instructional space and help to accommodate capacity deficit.
SY 2019-20	2,319	116%	A. Increased efficiency by reassigning instructional spaces within a school to accommodate increase in membership. C. Minor interior facility modifications to create additional instructional space and help to accommodate capacity deficit. F. Capacity enhancement through either a modular or building addition. Addition Construction funding identified in 2019 Bond.
SY 2020-21	2,215	Unavailable ³	

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020; FCPS, Design and Construction, *Facilities Improvement List*, December 2020.

Notes:

1. To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
2. Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

NEW SCHOOLS

New schools have been identified in response to growing neighborhoods across the county: one recently completed to address overcrowding in the north west area of the county, one to relieve overcrowding in the Dunn Loring/Falls Church/Tysons area, one near the new Silver Line Metro, one in the Tysons area, and one along Route 1.

McNair Upper Elementary (formerly North West County) School Project

McNair Upper ES is a new facility to accommodate increased enrollment in Region 5, the northwest area of the county. It accommodates grades 3-6, with McNair ES accommodating K-2. McNair Upper ES alleviates overcrowding at McNair ES, which as of SY 2019-20 had a substantial capacity deficit with 146 percent utilization.



Address: 2410 Fox Mill Road, Herndon, VA 20171
FCPS Region: 5
Grades: 3-6
Future Building Area: 105,652 SF
Design Capacity: 840
MS Feeder: Carson MS
HS Pyramid: Westfield HS
Title 1: No
K-3 Cap: N/A
Programs: AAP Center

Historical Membership and Capacity Utilization

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²
SY 2011-12	833	95%
SY 2012-13	970	113%
SY 2013-14	1,093	125%
SY 2014-15	1,236	142%
SY 2015-16	1,283	141%
SY 2016-17	1,342	148%
SY 2017-18	1,376	151%
SY 2018-19	1,315	144%
SY 2019-20	1,301	146%
SY 2020-21	626	Unavailable ³

Project Funding

PROJECT PHASE	FUNDING SOURCE	PRIOR EXPENDITURES	FY 2022 EXPENDITURES	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	TOTAL
Planning	2015 Bond	\$2,466,400				\$2,466,400
Construction	2017 Bond	\$31,710,182	\$644,401			\$32,354,583
					TOTAL	\$34,820,983

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020.

Notes:

- Numbers may not add up due to rounding.
- Numbers in red and highlighted in yellow indicate unfunded amounts.
- Numbers highlighted in yellow indicate a program capacity utilization percentage after a renovation or capacity enhancement.
- To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
- Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.
- Membership numbers from SY 2011-12 to SY 2019-20 include grades K to 6th at McNair ES. Grades 3rd to 6th were assigned to McNair Upper in SY 2020-21.

Dunn Loring Elementary School Project (Est. Completion: FY 2026)

Dunn Loring Elementary School is identified to relieve overcrowding in the Dunn Loring/Falls Church/Tysons area. The project is fully funded for Planning (2017 Bond) and Construction (2019 Bond).

Project Funding

PROJECT PHASE	FUNDING SOURCE	PRIOR YEAR EXPENDITURES	FY 2022 EXPENDITURES	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	FY 2025* EXPENDITURES	FY 2026 EXPENDITURES	TOTAL
Planning	2017 Bond	\$700,000	\$600,000	\$1,000,000	\$811,146			\$3,111,146
Construction	2019 Bond				\$11,188,854	\$18,500,000	\$4,000,000	\$33,688,854
					TOTAL			\$36,800,000

Silver Line Elementary School Project (Est. Completion: FY 2027)

Silver Line Elementary School is identified to relieve current and projected overcrowding near the new Silver Line Metro. The project is fully funded for Planning (2019 Bond). Construction is unfunded.

PROJECT PHASE	FUNDING SOURCE	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	FY 2025 EXPENDITURES	FY 2026 EXPENDITURES	PROJECTED FUTURE PROJECT SPENDING	TOTAL
Planning	2019 Bond	\$1,170,764	\$863,619				\$2,034,383
Construction	Unfunded			\$5,941,859	\$24,046,917	\$7,550,470	\$37,539,246
						TOTAL	\$39,573,629

Route 1 Elementary School Project (Est. Completion: TBD)

Route 1 Elementary School is identified to relieve current and projected overcrowding near Route 1. The project is partially funded by the 2013 Bond.

PROJECT PHASE	FUNDING SOURCE	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	FY 2025 EXPENDITURES	FY 2026 EXPENDITURES	PROJECTED FUTURE PROJECT SPENDING	TOTAL
Construction	2013 Bond					\$21,169,348	\$21,169,348
						TOTAL	\$21,169,348

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020.

Notes:

1. Numbers may not add up due to rounding.
2. Numbers in red and highlighted in yellow indicate unfunded amounts.
3. Numbers highlighted in orange indicate a program capacity utilization percentage after a renovation or capacity enhancement.
4. To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
5. Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

CAPACITY ENHANCEMENTS

McLean High School Modular Project (Est. Completion: FY21)

To accommodate increasing enrollment, a modular was identified for McLean High School. As of SY 2019-20, the building was 118% utilized and had 18 temporary classrooms onsite, indicating a substantial capacity deficit. The modular will replace 12 temporary classrooms, adding 13,646 SF of learning area. The project was fully funded through the 2017 Bond.



Address: 1633 Davidson Rd, McLean, VA 22101

FCPS Region: 2

Grades: 9-12

Opened: 1955

Prior Renovation: 2005

Building Area: 285,612 SF

Modular SF: 13,646 SF

Acreage: 31.28

MS Feeders: Longfellow MS

ES Feeders: Chesterbrook ES, Colvin Run ES, Franklin Sherman ES, Haycock ES, Kent Gardens ES, Lemon Road ES, Spring Hill ES, Timber Lane ES, Westbriar ES, Westgate ES

Programs: HS Advanced Placement, Autism (School-based), Intellectual Disabilities (School-based)

Historical Membership and Capacity Utilization

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²
SY 2011-12	1,974	102%
SY 2012-13	2,087	105%
SY 2013-14	2,073	104%
SY 2014-15	2,050	103%
SY 2015-16	2,089	106%
SY 2016-17	2,053	104%
SY 2017-18	2,167	109%
SY 2018-19	2,255	114%
SY 2019-20	2,350	118%
SY 2020-21	2,292	Unavailable ³

School Capacity

DESIGN CAPACITY	SY 19-20 PROGRAM CAPACITY	TEMPORARY CLASSROOMS	MODULAR CLASSROOMS	ANTICIPATED FUTURE DESIGN CAPACITY
1,993	1,992	18	-	2,343

Project Funding

PROJECT PHASE	FUNDING SOURCE	PRIOR EXPENDITURES	FY 2022 EXPENDITURES	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	TOTAL
Planning/ Construction	2017 Bond	\$2,000,000				\$2,000,000
					TOTAL	\$2,000,000

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, *Design and Construction, Trailer Asset Report*, October 2020.

Notes:

- Numbers may not add up due to rounding.
- Numbers in red and highlighted in yellow indicate unfunded amounts.
- Numbers highlighted in yellow indicate a program capacity utilization percentage after a renovation or capacity enhancement.
- To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
- Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

West Potomac High School Addition Project (Est. Completion: FY 2023)

To accommodate increasing enrollment, an addition was identified for West Potomac High School. As of SY 2019-20, the building was 119 percent utilized, indicating a substantial capacity deficit. The addition will add approximately 70,000 SF of building area. The project was fully funded through the 2017 and 2019 Bonds.

Historical Membership and Capacity Utilization

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²
SY 2011-12	2,300	104%
SY 2012-13	2,271	102%
SY 2013-14	2,325	105%
SY 2014-15	2,464	111%
SY 2015-16	2,482	112%
SY 2016-17	2,592	120%
SY 2017-18	2,610	117%
SY 2018-19	2,598	117%
SY 2019-20	2,654	119%
SY 2020-21	2,618	Unavailable ³



Address: 6500 Quander Rd, Alexandria, VA 22307

FCPS Region: 3

Grades: 9-12

Opened: 1960

Prior Renovation: 2001

Prior Building Area: 388,626 SF
(27,381 SF included for Pulley Center)

Future Building Area: 459,831 SF
(27,381 SF included for Pulley Center)

Acreage: 44.78

MS Feeders: Sandburg MS

ES Feeders: Belle View ES, Bucknell ES, Fort Hunt ES, Groveton ES, Hollin Meadows ES, Hybla Valley ES, Riverside ES, Stratford Landing ES, Waynewood ES

Programs: HS Advanced Placement, HS Academy, Autism, Intellectual Disabilities (School-based), Intellectual Disabilities Severe

School Capacity

DESIGN CAPACITY	SY 19-20 PROGRAM CAPACITY	TEMPORARY CLASSROOMS	MODULAR CLASSROOMS	ANTICIPATED FUTURE DESIGN CAPACITY
2,231	2,229	18	-	3,000

Project Funding

PROJECT PHASE	FUNDING SOURCE	PRIOR EXPENDITURES	FY 2022 EXPENDITURES	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	TOTAL
Planning	2017 Bond	\$2,237,237				\$2,237,237
Construction	2019 Bond	\$6,747,017	\$15,924,725	\$9,451,834		\$32,123,578
					TOTAL	\$34,360,813

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020.

Notes:

- Numbers may not add up due to rounding.
- Numbers in red and highlighted in yellow indicate unfunded amounts.
- Numbers highlighted in yellow indicate a program capacity utilization percentage after a renovation or capacity enhancement.
- To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
- Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

Justice High School Addition Project (Est. Completion: FY 2024)

To accommodate increasing enrollment, an addition was identified for Justice High School. As of SY 2019-20, the building was 116 percent utilized, indicating a substantial capacity deficit. The addition will add approximately 54,900 SF of building area. The project is fully funded by the 2017 and 2019 Bonds.

Historical Membership and Capacity Utilization

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²
SY 2011-12	1,741	89%
SY 2012-13	1,746	90%
SY 2013-14	1,823	93%
SY 2014-15	1,945	99%
SY 2015-16	1,973	100%
SY 2016-17	2,095	105%
SY 2017-18	2,180	109%
SY 2018-19	2,188	110%
SY 2019-20	2,319	116%
SY 2020-21	2,215	Unavailable ³



Address: 3301 Peace Valley Ln, Falls Church, VA 22044

FCPS Region: 2

Grades: 9-12

Opened: 1959

Prior Renovation: 2005

Prior Building Area: 306,667 SF

Future Building Area: 353,889 SF

Acreage: 20.94

MS Feeder: Glasgow MS

ES Feeder: Bailey's ES, Bailey's Upper ES, Beech Tree ES, Belvedere ES, Glen Forest ES, Mason Crest ES, Parklawn ES, Sleepy Hollow ES

Title 1: No

Programs: Adult HS (evening), HS International Baccalaureate, Intellectual Disabilities (School-based), Transition Support Resource Center

School Capacity

DESIGN CAPACITY	SY 19-20 PROGRAM CAPACITY	TEMPORARY CLASSROOMS	MODULAR CLASSROOMS	ANTICIPATED FUTURE DESIGN CAPACITY
1,994	1,991	-	-	2,500

Project Funding

PROJECT PHASE	FUNDING SOURCE	PRIOR EXPENDITURES	FY 2022 EXPENDITURES	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	TOTAL
Planning	2017 Bond	\$1,459,994				\$1,459,994
Construction	2019 Bond	\$1,335,596	\$7,277,511	\$8,315,369	\$1,327,267	\$18,255,743
					TOTAL	\$19,715,737

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020.

Notes:

- Numbers may not add up due to rounding.
- Numbers in red and highlighted in yellow indicate unfunded amounts.
- Numbers highlighted in orange indicate a program capacity utilization percentage after a renovation or capacity enhancement.
- To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
- Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

Madison High School Addition Project (Est. Completion: FY 2023)

To accommodate increasing enrollment, an addition was identified for Madison High School. As of SY 2019-20, the building was 108 percent utilized, indicating a moderate capacity deficit. The addition will add approximately 32,000 SF of building area. The project was fully funded by the 2017 and 2019 Bonds. The addition is in permitting and is estimated to be complete in FY 2023.

Historical Membership and Capacity Utilization

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²
SY 2011-12	1,988	93%
SY 2012-13	1,983	94%
SY 2013-14	1,984	96%
SY 2014-15	2,059	98%
SY 2015-16	2,123	101%
SY 2016-17	2,188	104%
SY 2017-18	2,223	105%
SY 2018-19	2,212	105%
SY 2019-20	2,272	108%
SY 2020-21	2,217	Unavailable ³



Address: 2500 James Madison Dr, Vienna, VA 22181

FCPS Region: 1

Grades: 9-12

Opened: 1959

Prior Renovation: 2005

Prior Building Area: 313,322 SF

Future Building Area: 347,588 SF

Acreage: 31.16

MS Feeder: Thoreau MS, Kilmer MS

ES Feeder: Cunningham Park ES, Flint Hill ES, Louise Archer ES, Marshall Road ES, Oakton ES, Vienna ES, Westbriar ES, Wolftrap ES

Title 1: No

Programs: HS AP, Autism (School-based), Community Services Site, Intellectual Disabilities (School-based)

School Capacity

DESIGN CAPACITY	SY 19-20 PROGRAM CAPACITY	TEMPORARY CLASSROOMS	MODULAR CLASSROOMS	ANTICIPATED FUTURE DESIGN CAPACITY
2,115	2,113	3	-	2,500

Project Funding

PROJECT PHASE	FUNDING SOURCE	PRIOR EXPENDITURES	FY 2022 EXPENDITURES	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	TOTAL
Planning	2017 Bond	\$1,662,023				\$1,662,023
Construction	2019 Bond	\$4,785,275	\$14,269,226	\$2,814,322		\$21,868,823
					TOTAL	\$23,530,846

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020.

Notes:

- Numbers may not add up due to rounding.
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- Numbers highlighted in yellow indicate a program capacity utilization percentage after a renovation or capacity enhancement.
- To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
- Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

ELEMENTARY SCHOOL RENOVATIONS

Belle View Elementary School Renovation Project (Est. Completion: FY 2021)

The project was identified according to a published priority listing, known as the Renovation Queue, established in 2008. Belle View ES is number 27 of the 63 schools in the queue and was funded by the 2013 and 2017 Bonds. Belle View ES has completed construction. The project incorporated modern amenities to the building and added approximately 21,000 SF.



Address: 6701 Fort Hunt Rd, Alexandria, VA 22307
FCPS Region: 3
Grades: K-6
Opened: 1952
Prior Renovation: 1991
2008 Renovation Queue Rank: 27
Prior Building Area: 75,706 SF
Future Building Area: 97,304 SF
Acreage: 10.50
HS Pyramid: West Potomac HS
MS Feeder: Sandburg MS
Title 1: No
K-3 Cap: N/A
Programs: PreK, Foreign Language in the Elementary School, Autism, Intellectual Disabilities, Intellectual Disabilities Severe, SACC (1 classroom)

Historical Membership and Capacity Utilization

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²
SY 2011-12	525	93%
SY 2012-13	533	83%
SY 2013-14	543	87%
SY 2014-15	573	88%
SY 2015-16	531	78%
SY 2016-17	561	83%
SY 2017-18	559	83%
SY 2018-19	535	79%
SY 2019-20	473	70%
SY 2020-21	400	Unavailable ³

School Capacity

DESIGN CAPACITY	SY 19-20 PROGRAM CAPACITY	TEMPORARY CLASSROOMS	MODULAR CLASSROOMS	ANTICIPATED FUTURE DESIGN CAPACITY
764	675	2	-	700

Project Funding

PROJECT PHASE	FUNDING SOURCE	PRIOR EXPENDITURES	FY 2022 EXPENDITURES	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	TOTAL
Planning	2013 Bond	\$1,927,150				\$1,927,150
Construction	2017 Bond	\$25,084,049				\$25,084,049
					TOTAL	\$27,011,199

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020.

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- Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

Annandale Terrace Elementary School Renovation Project (Est. Completion FY 2021)

The project was identified according to a published priority listing, known as the Renovation Queue, established in 2008. Annandale Terrace ES is number 28 of the 63 schools in the queue and was funded by the 2015 and 2017 Bonds. Annandale Terrace ES has completed construction. The project incorporated modern amenities to the building, removed a modular addition, and added approximately 37,000 square feet to the building.

Historical Membership and Capacity Utilization

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²
SY 2011-12	907	124%
SY 2012-13	723	102%
SY 2013-14	709	99%
SY 2014-15	714	99%
SY 2015-16	718	92%
SY 2016-17	684	87%
SY 2017-18	645	83%
SY 2018-19	643	83%
SY 2019-20	641	82%
SY 2020-21	608	Unavailable ³



Address: 7604 Herald St, Annandale, VA 22003
FCPS Region: 2
Grades: K-5
Opened: 1964
Prior Renovation: 1991
2008 Renovation Queue Rank: 28
Prior Building Area: 63,500 SF + 11,726 SF Modular
Future Building Area: 101,044 SF
Acreage: 12.00
HS Pyramid: Annandale HS
MS Feeder: Poe MS
Title 1: Yes
K-3 Cap: 22
Programs: PreK, AAP Local Level IV , Autism, SACC (1 Classroom)

School Capacity

DESIGN CAPACITY	SY 19-20 PROGRAM CAPACITY	TEMPORARY CLASSROOMS	MODULAR CLASSROOMS	ANTICIPATED FUTURE DESIGN CAPACITY
980	778	13	-	750

Project Funding

PROJECT PHASE	FUNDING SOURCE	PRIOR EXPENDITURES	FY 2022 EXPENDITURES	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	TOTAL
Planning	2015 Bond	\$1,930,325				\$1,930,325
Construction	2017 Bond	\$25,805,156				\$25,805,156
					TOTAL	\$27,735,480

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020.

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- Numbers highlighted in orange indicate a program capacity utilization percentage after a renovation or capacity enhancement.
- To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
- Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

Clearview Elementary School Renovation Project (Est. Completion: FY 2021)

The project was identified according to a published priority listing, known as the Renovation Queue, established in 2008. Clearview ES is number 29 of the 63 schools in the queue and was fully funded by the 2015 and 2017 Bonds. Clearview ES has completed construction. The project incorporated modern amenities to the building and added approximately 12,000 square feet to the building.

Historical Membership and Capacity Utilization

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²
SY 2011-12	664	84%
SY 2012-13	676	87%
SY 2013-14	679	87%
SY 2014-15	695	92%
SY 2015-16	688	85%
SY 2016-17	711	95%
SY 2017-18	720	92%
SY 2018-19	706	90%
SY 2019-20	711	90%
SY 2020-21	616	Unavailable ³



Address: 12635 Builders Rd, Herndon, VA 20170

FCPS Region: 1

Grades: K-6

Opened: 1979

Prior Renovation: ---

2008 Renovation Queue Rank: 29

Prior Building Area: 85,637 SF

Future Building Area: 98,358 SF

Acreage: 13.90

HS Pyramid: Herndon HS

MS Feeder: Herndon MS

Title 1: Yes

K-3 Cap: 24

Programs: PreK, Early Head Start, AAP Center, Foreign Language in the Elementary School (School-based), Early Childhood Class Based, Preschool Autism Class

School Capacity

DESIGN CAPACITY	SY 19-20 PROGRAM CAPACITY	TEMPORARY CLASSROOMS	MODULAR CLASSROOMS	ANTICIPATED FUTURE DESIGN CAPACITY
912	786	4	-	800

Project Funding

PROJECT PHASE	FUNDING SOURCE	PRIOR EXPENDITURES	FY 2022 EXPENDITURES	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	TOTAL
Planning	2015 Bond	\$1,862,750				\$1,862,750
Construction	2017 Bond	\$24,347,893				\$24,347,893
					TOTAL	\$26,210,644

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020.

Notes:

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- Numbers highlighted in yellow indicate a program capacity utilization percentage after a renovation or capacity enhancement.
- To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
- Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

Silverbrook Elementary School Renovation Project (Est. Completion: FY 2021)

The project was identified according to a published priority listing, known as the Renovation Queue, established in 2008. Silverbrook ES is number 32 of the 63 schools in the queue and was fully funded by the 2015 and 2017 Bonds. Silverbrook ES has completed construction. The project incorporated modern amenities to the building and added approximately 18,000 square feet to the building.

Historical Membership and Capacity Utilization

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²
SY 2011-12	732	96%
SY 2012-13	749	98%
SY 2013-14	783	99%
SY 2014-15	800	105%
SY 2015-16	777	93%
SY 2016-17	813	97%
SY 2017-18	832	97%
SY 2018-19	838	98%
SY 2019-20	820	96%
SY 2020-21	763	Unavailable ³



Address: 9350 Crosspointe Dr, Fairfax Station, VA 22039
FCPS Region: 4
Grades: K-6
Opened: 1988
Prior Renovation: -
2008 Renovation Queue Rank: 32
Prior Building Area: 85,410 SF
Future Building Area: 104,085 SF
Acreage: 13.93
HS Pyramid: South County HS
MS Feeder: South County MS
Title 1: No
K-3 Cap: N/A
Programs: AAP Local Level IV, Foreign Language in the Elementary School, Autism, SACC (2 classrooms)

School Capacity

DESIGN CAPACITY	SY 19-20 PROGRAM CAPACITY	TEMPORARY CLASSROOMS	MODULAR CLASSROOMS	ANTICIPATED FUTURE DESIGN CAPACITY
896	854	1	-	970

Project Funding

PROJECT PHASE	FUNDING SOURCE	PRIOR EXPENDITURES	FY 2022 EXPENDITURES	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	TOTAL
Planning	2015 Bond	\$ 1,921,099				\$ 1,921,099
Construction	2017 Bond	\$ 24,136,928				\$ 24,136,928
					TOTAL	\$26,058,026

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, *Design and Construction, Trailer Asset Report*, October 2020.

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- Numbers highlighted in yellow indicate a program capacity utilization percentage after a renovation or capacity enhancement.
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- Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

Hybla Valley Elementary School Renovation Project (Est. Completion FY 2023)

The project was identified according to a published priority listing, known as the Renovation Queue, established in 2008. Hybla Valley ES is number 33 of the 63 schools in the queue and was fully funded by the 2017 and 2019 Bonds. Hybla Valley ES is in construction and anticipated to be completed during FY 2023. The project will bring modern amenities to the building and add approximately 30,000 square feet to the building.

Historical Membership and Capacity Utilization

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²
SY 2011-12	853	106%
SY 2012-13	858	112%
SY 2013-14	921	124%
SY 2014-15	947	126%
SY 2015-16	974	116%
SY 2016-17	959	115%
SY 2017-18	949	113%
SY 2018-19	972	116%
SY 2019-20	988	119%
SY 2020-21	922	Unavailable ³



Address: 3415 Lockheed Blvd, Alexandria, VA 22306
FCPS Region: 3
Grades: K-6
Opened: 1964
Prior Renovation: 1989
2008 Renovation Queue Rank: 33
Prior Building Area: 94,310 SF
Future Building Area: 125,539 SF
Acreage: 10.00
HS Pyramid: West Potomac HS
MS Feeder: Sandburg MS
Title 1: Yes
K-3 Cap: 20
Programs: PreK, SACC (1 classroom)

School Capacity

DESIGN CAPACITY	SY 19-20 PROGRAM CAPACITY	TEMPORARY CLASSROOMS	MODULAR CLASSROOMS	ANTICIPATED FUTURE DESIGN CAPACITY
1,008	828	16	-	1,010

Project Funding

PROJECT PHASE	FUNDING SOURCE	PRIOR EXPENDITURES	FY 2022 EXPENDITURES	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	TOTAL
Planning	2017 Bond	\$2,572,254				\$2,572,254
Construction	2019 Bond	\$12,269,285	\$15,588,499	\$3,034,875		\$30,892,658
					TOTAL	\$33,464,912

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020.

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- To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
- Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

Washington Mill Elementary School Renovation Project (Est. Completion: FY 2023)

The project was identified according to a published priority listing, known as the Renovation Queue, established in 2008. Washington Mill ES is number 36 of the 63 schools in the queue and was fully funded by the 2017 and 2019 Bonds. Washington Mill ES is in construction and anticipated to be completed during FY 2023. The project will bring modern amenities to the building, remove a modular, and add approximately 35,000 square feet to the building.

Historical Membership and Capacity Utilization

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²
SY 2011-12	617	107%
SY 2012-13	655	108%
SY 2013-14	664	109%
SY 2014-15	649	104%
SY 2015-16	612	88%
SY 2016-17	586	87%
SY 2017-18	620	116%
SY 2018-19	596	106%
SY 2019-20	591	110%
SY 2020-21	546	Unavailable ³



Address: 9100 Cherrytree Dr, Alexandria, VA 22309
FCPS Region: 3
Grades: K-6
Opened: 1963
Prior Renovation: 1989
2008 Renovation Queue Rank: 36
Prior Building Area: 61,614 SF + 11,825 SF Modular
Future Building Area: 97,248 SF
Acreage: 11.53
HS Pyramid: Mount Vernon HS
MS Feeder: Whitman MS
Title 1: Yes
K-3 Cap: 24
Programs: PreK, AAP Local Level IV, Immersion (School-based), Autism, SACC (2 classrooms)

School Capacity

DESIGN CAPACITY	SY 19-20 PROGRAM CAPACITY	TEMPORARY CLASSROOMS	MODULAR CLASSROOMS	ANTICIPATED FUTURE DESIGN CAPACITY
868	539	16	10	650

Project Funding

PROJECT PHASE	FUNDING SOURCE	PRIOR EXPENDITURES	FY 2022 EXPENDITURES	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	TOTAL
Planning	2017 Bond	\$ 2,153,564				\$2,153,564
Construction	2019 Bond	\$8,181,811	\$14,881,462	\$4,787,226		\$27,850,499
					TOTAL	\$30,004,063

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020.

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- Numbers highlighted in yellow indicate a program capacity utilization percentage after a renovation or capacity enhancement.
- To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
- Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

Braddock Elementary School Renovation Project (Est. Completion: FY 2023)

The project was identified according to a published priority listing, known as the Renovation Queue, established in 2008. Braddock ES is number 37 of the 63 schools in the queue and was fully funded by the 2017 and 2019 Bonds. Braddock ES is in permitting. The project will bring modern amenities to the building, remove a modular, and add approximately 38,000 square feet to the building.

Historical Membership and Capacity Utilization

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²
SY 2011-12	713	86%
SY 2012-13	725	92%
SY 2013-14	814	94%
SY 2014-15	879	96%
SY 2015-16	842	81%
SY 2016-17	806	86%
SY 2017-18	825	89%
SY 2018-19	832	91%
SY 2019-20	888	95%
SY 2020-21	820	Unavailable ³



Address: 7825 Heritage Dr, Annandale, VA 22003
FCPS Region: 2
Grades: K-5
Opened: 1959
Prior Renovation: 1983
2008 Renovation Queue Rank: 37
Current Building Area: 70,714 SF + 11,825 SF Modular
Future Building Area: 108,690 SF
Acreage: 12.32
Title 1: Yes
K-3 Cap: 22
HS Pyramid: Annandale HS
MS Feeder: Poe MS
Programs: PreK, AAP Local Level IV, Immersion (School-based), Foreign Language in the Elementary School, Autism, SACC (2 classrooms)

School Capacity

DESIGN CAPACITY	SY 19-20 PROGRAM CAPACITY	TEMPORARY CLASSROOMS	MODULAR CLASSROOMS	ANTICIPATED FUTURE DESIGN CAPACITY
1,176	934	10	10	900

Project Funding

PROJECT PHASE	FUNDING SOURCE	PRIOR EXPENDITURES	FY 2022 EXPENDITURES	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	TOTAL
Planning	2017 Bond	\$2,548,644				\$2,548,644
Construction	2019 Bond	\$6,745,539	\$16,633,437	\$9,709,775		\$33,088,752
					TOTAL	\$35,637,395

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020.

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- Numbers may not add up due to rounding.
- Numbers in red and highlighted in yellow indicate unfunded amounts.
- Numbers highlighted in yellow indicate a program capacity utilization percentage after a renovation or capacity enhancement.
- To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
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Fox Mill Elementary School Renovation Project (Est. Completion: FY 2023)

The project was identified according to a published priority listing, known as the Renovation Queue, established in 2008. Fox Mill ES is number 38 of the 63 schools in the queue and was fully funded through 2017 and 2019 Bonds. Fox Mill ES is in permitting. The project will bring modern amenities to the building and add approximately 19,000 square feet to the building.



Address: 2611 Viking Dr, Herndon, VA 20171
FCPS Region: 1
Grades: K-6
Opened: 1979
Prior Renovation: -
2008 Renovation Queue Rank: 38
Prior Building Area: 71,718 SF
Future Building Area: 91,123 SF
Acreage: 13.55
Title 1: No
K-3 Cap: N/A
HS Pyramid: South Lakes HS
MS Feeder: Carson MS
Programs: Immersion, Intellectual Disabilities, SACC (1 classroom)

Historical Membership and Capacity Utilization

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²
SY 2011-12	627	88%
SY 2012-13	618	83%
SY 2013-14	632	90%
SY 2014-15	643	92%
SY 2015-16	599	82%
SY 2016-17	606	82%
SY 2017-18	570	91%
SY 2018-19	555	81%
SY 2019-20	598	88%
SY 2020-21	544	Unavailable ³

School Capacity

DESIGN CAPACITY	SY 19-20 PROGRAM CAPACITY	TEMPORARY CLASSROOMS	MODULAR CLASSROOMS	ANTICIPATED FUTURE DESIGN CAPACITY
840	683	2	-	650

Project Funding

PROJECT PHASE	FUNDING SOURCE	PRIOR EXPENDITURES	FY 2022 EXPENDITURES	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	TOTAL
Planning	2017 Bond	\$2,097,206				\$2,097,206
Construction	2019 Bond	\$3,331,044	\$13,790,833	\$10,397,586		\$27,519,462
					TOTAL	\$29,616,669

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020.

Notes:

- Numbers may not add up due to rounding.
- Numbers in red and highlighted in yellow indicate unfunded amounts.
- Numbers highlighted in orange indicate a program capacity utilization percentage after a renovation or capacity enhancement.
- To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
- Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

Oak Hill Elementary School Renovation Project (Est. Completion: FY 2024)

The project was identified according to a published priority listing, known as the Renovation Queue, established in 2008. Oak Hill ES is number 39 of the 63 schools in the queue and was fully funded by the 2017 and 2019 Bonds. Oak Hill ES is in permitting. The project will bring modern amenities to the building, remove a modular, and add approximately 25,000 square feet to the building.

Historical Membership and Capacity Utilization

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²
SY 2011-12	831	99%
SY 2012-13	852	101%
SY 2013-14	879	99%
SY 2014-15	895	101%
SY 2015-16	896	98%
SY 2016-17	842	90%
SY 2017-18	858	88%
SY 2018-19	852	87%
SY 2019-20	843	86%
SY 2020-21	735	Unavailable ³



Address: 3210 Kinross Circle, Herndon, VA 20171

FCPS Region: 5

Grades: K-6

Opened: 1983

Latest Renovation: -

2008 Renovation Queue Rank: 39

Current Building Area: 77,850 SF + 8,118 SF Modular

Future Building Area: 104,141 SF

Acreage: 12.09

HS Pyramid: Chantilly HS (split-feeder: Westfield HS)

MS Feeders: Carson MS, Franklin MS

Title 1: No

K-3 Cap: N/A

Programs: AAP Center, Foreign Language in the Elementary School, Early Childhood Class Based, Preschool Autism Class, SACC (2 classrooms)

School Capacity

DESIGN CAPACITY	SY 19-20 PROGRAM CAPACITY	TEMPORARY CLASSROOMS	MODULAR CLASSROOMS	ANTICIPATED FUTURE DESIGN CAPACITY
1,064	976	2	6	850

Project Funding

PROJECT PHASE	FUNDING SOURCE	PRIOR EXPENDITURES	FY 2022 EXPENDITURES	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	TOTAL
Planning	2017 Bond	\$2,383,583				\$2,383,583
Construction	2019 Bond	\$ 85,822	\$10,525,165	\$14,947,740	\$5,277,075	\$30,835,802
					TOTAL	\$33,219,385

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020.

Notes:

- Numbers may not add up due to rounding.
- Numbers in red and highlighted in yellow indicate unfunded amounts.
- Numbers highlighted in yellow indicate a program capacity utilization percentage after a renovation or capacity enhancement.
- To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
- Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

Wakefield Forest Elementary School Renovation Project (Est. Completion: FY 2024)

The project was identified according to a published priority listing, known as the Renovation Queue, established in 2008. Wakefield Forest ES is number 40 of the 63 schools in the queue and was funded for planning by the 2019 bond. Construction is currently unfunded. Wakefield Forest ES is in planning. The project brings modern amenities to the building and add approximately 35,000 square feet. Square footage may change as design is finalized.



Address: 4011 Iva Ln, Fairfax, VA 22032
FCPS Region: 5
Grades: K-6
Opened: 1955
Prior Renovation: 1994
2008 Renovation Queue Rank: 40
Current Building Area: 64,458 SF
Future Building Area: 102,988 SF
Acreage: 13.59
HS Pyramid: Woodson HS
MS Feeder: Frost MS
Title 1: No
K-3 Cap: N/A
Programs: AAP Local Level IV, SACC (2 classrooms)

Historical Membership and Capacity Utilization

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²
SY 2011-12	480	98%
SY 2012-13	479	95%
SY 2013-14	515	101%
SY 2014-15	546	107%
SY 2015-16	575	106%
SY 2016-17	593	112%
SY 2017-18	609	123%
SY 2018-19	669	135%
SY 2019-20	688	132%
SY 2020-21	631	Unavailable ³

School Capacity

DESIGN CAPACITY	SY 19-20 PROGRAM CAPACITY	TEMPORARY CLASSROOMS	MODULAR CLASSROOMS	ANTICIPATED FUTURE DESIGN CAPACITY
560	521	13	-	800

Project Funding

PROJECT PHASE	FUNDING SOURCE	PRIOR EXPENDITURES	FY 2022 EXPENDITURES	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	TOTAL
Planning	2019 Bond	\$1,165,728				\$1,165,728
Construction	Unfunded		\$6,227,132	\$18,820,484	\$4,498,967	\$29,546,583
					TOTAL	\$30,712,311

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, *Design and Construction, Trailer Asset Report*, October 2020.

Notes:

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- Numbers highlighted in yellow indicate a program capacity utilization percentage after a renovation or capacity enhancement.
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Louise Archer Elementary School Renovation Project (Est. Completion: FY 2024)

The project was identified according to a published priority listing, known as the Renovation Queue, established in 2008. Louise Archer is number 41 of the 63 schools in the queue and planning was funded by the 2019 Bond. Louise Archer is in planning. The project brings modern amenities to the building, removes a modular, and adds over 50,000 square feet to the building.



Address: 324 Nutley St NW, Vienna, VA 22180

FCPS Region: 1

Grades: K-6

Opened: 1939

Prior Renovation: 1991

2008 Renovation Queue Rank: 41

Current Building Area: 52,938 SF + 11,825 SF Modular

Future Building Area: 103,224 SF

Acreage: 7.64

HS Pyramid: Madison HS

MS Feeder: Thoreau MS

Title 1: No

K-3 Cap: N/A

Programs: AAP Center, Autism

Historical Membership and Capacity Utilization

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²
SY 2011-12	793	110%
SY 2012-13	824	114%
SY 2013-14	761	105%
SY 2014-15	699	97%
SY 2015-16	684	90%
SY 2016-17	670	88%
SY 2017-18	641	85%
SY 2018-19	652	90%
SY 2019-20	587	81%
SY 2020-21	526	Unavailable ³

School Capacity

DESIGN CAPACITY	SY 19-20 PROGRAM CAPACITY	TEMPORARY CLASSROOMS	MODULAR CLASSROOMS	ANTICIPATED FUTURE DESIGN CAPACITY
784	725	2	10	700

Project Funding

PROJECT PHASE	FUNDING SOURCE	PRIOR EXPENDITURES	FY 2022 EXPENDITURES	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	TOTAL
Planning	2019 Bond	\$1,728,657				\$1,728,657
Construction	Unfunded		\$5,856,818	\$17,940,889	\$3,840,471	\$27,638,179
						\$29,366,836

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020.

Notes:

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- Numbers highlighted in yellow indicate a program capacity utilization percentage after a renovation or capacity enhancement.
- To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
- Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

Crossfield Elementary School Renovation Project (Est. Completion: FY 2025)

The project was identified according to a published priority listing, known as the Renovation Queue, established in 2008. Crossfield ES is number 42 of the 63 schools in the queue and planning was funded by the 2019 Bond. Construction is currently unfunded. Crossfield ES is anticipated to begin construction in FY 2023.



Address: 2791 Fox Mill Rd, Herndon, VA 20171
FCPS Region: 1
Grades: K-6
Opened: 1988
Prior Renovation: -
2008 Renovation Queue Rank: 42
Current Building Area: 89,134 SF
Future Building Area: 91,123 SF
Acreage: 14.20
HS Pyramid: Oakton HS, (split-feeders: South Lakes HS, Chantilly HS)
MS Feeder: Carson MS, Hughes MS, Franklin MS
Title 1: No
K-3 Cap: N/A
Programs: AAP Local Level IV , Early Childhood Class Based, Autism, SACC (2 classrooms)

Historical Membership and Capacity Utilization

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²
SY 2011-12	777	96%
SY 2012-13	746	93%
SY 2013-14	699	91%
SY 2014-15	686	92%
SY 2015-16	665	85%
SY 2016-17	699	87%
SY 2017-18	668	90%
SY 2018-19	625	88%
SY 2019-20	611	94%
SY 2020-21	542	Unavailable ³

School Capacity

DESIGN CAPACITY	SY 19-20 PROGRAM CAPACITY	TEMPORARY CLASSROOMS	MODULAR CLASSROOMS	ANTICIPATED FUTURE DESIGN CAPACITY
1,008	647	-	-	750

Project Funding

PROJECT PHASE	FUNDING SOURCE	PRIOR EXPENDITURES	FY 2022 EXPENDITURES	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	FY 2025 EXPENDITURES	TOTAL
Planning	2019 Bond	\$714,007	\$714,007				\$1,428,014
Construction	Unfunded			\$15,050,265	\$12,623,350	\$1,968,311	\$29,641,927
						TOTAL	\$31,069,941

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020.

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- Numbers highlighted in yellow indicate a program capacity utilization percentage after a renovation or capacity enhancement.
- To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
- Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

Mosby Woods Elementary School Renovation Project (Est. Completion: FY 2025)

The project was identified according to a published priority listing, known as the Renovation Queue, established in 2008. Mosby Woods is number 43 of the 63 schools in the queue and planning was funded by the 2019 Bond. Construction is currently unfunded. The project will bring modern amenities to the building and add approximately 37,000 SF, alleviating the need for the current modular and temporary classrooms. Square footage may change as the design is finalized.

Historical Membership and Capacity Utilization

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²
SY 2011-12	839	95%
SY 2012-13	923	101%
SY 2013-14	963	104%
SY 2014-15	1,011	110%
SY 2015-16	1,022	106%
SY 2016-17	1,031	105%
SY 2017-18	1,062	109%
SY 2018-19	1,070	108%
SY 2019-20	1,039	105%
SY 2020-21	961	Unavailable ³



Address: 9819 Five Oaks Rd, Fairfax, VA 22031
FCPS Region: 1
Grades: K-6
Opened: 1963
Prior Renovation: 1991
2008 Renovation Queue Rank: 43
Current Building Area: 72,619 SF + 11,825 SF Modular
Future Building Area: 110,000 SF
Acreage: 11.52
HS Pyramid: Oakton HS
MS Feeder: Thoreau MS
Title 1: No
K-3 Cap: N/A
Programs: PreK, AAP Center, SACC (2 Classrooms)

School Capacity

DESIGN CAPACITY	SY 19-20 PROGRAM CAPACITY	TEMPORARY CLASSROOMS	MODULAR CLASSROOMS	ANTICIPATED FUTURE DESIGN CAPACITY
1,038	986	8	10	1,050

Project Funding

PROJECT PHASE	FUNDING SOURCE	PRIOR EXPENDITURES	FY 2022 EXPENDITURES	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	FY 2025 EXPENDITURES	TOTAL
Planning	2019 Bond	\$504,957	\$865,641				\$1,370,598
Construction	Unfunded			\$18,458,497	\$15,708,768	\$2,369,470	\$36,536,735
						TOTAL	\$37,907,334

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020.

Notes:

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- Numbers highlighted in orange indicate a program capacity utilization percentage after a renovation or capacity enhancement.
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Bonnie Brae Elementary School Renovation Project (Est. Completion: FY 2025)

The project was identified according to a published priority listing, known as the Renovation Queue, established in 2008. Bonnie Brae is number 44 of the 63 schools in the queue and was funded for planning by the 2019 Bond. Bonnie Brae is in planning. The project brings modern amenities to the building and adds approximately 13,000 SF. Square footage may change as the design is finalized.



Address: 5420 Sideburn Rd, Fairfax, VA 22032
FCPS Region: 4
Grades: K-6
Opened: 1988
Prior Renovation: -
2008 Renovation Queue Rank: 44
Current Building Area: 86,390 SF
Future Building Area: 100,000 SF
Acreage: 13.29
HS Pyramid: Robinson HS
MS Feeder: Robinson MS
Title 1: No
K-3 Cap: N/A
Programs: PreK, AAP Local Level IV , Early Childhood Class Based, Preschool Autism Class, Autism, SACC (2 classrooms)

Historical Membership and Capacity Utilization

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²
SY 2011-12	752	91%
SY 2012-13	719	88%
SY 2013-14	701	86%
SY 2014-15	713	88%
SY 2015-16	735	96%
SY 2016-17	747	94%
SY 2017-18	786	91%
SY 2018-19	801	91%
SY 2019-20	840	93%
SY 2020-21	753	Unavailable ³

School Capacity

DESIGN CAPACITY	SY 19-20 PROGRAM CAPACITY	TEMPORARY CLASSROOMS	MODULAR CLASSROOMS	ANTICIPATED FUTURE DESIGN CAPACITY
1,008	907	2	-	950

Project Funding

PROJECT PHASE	FUNDING SOURCE	PRIOR EXPENDITURES	FY 2022 EXPENDITURES	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	FY 2025 EXPENDITURES	TOTAL
Planning	2019 Bond	\$474,697	\$813,767				\$1,288,464
Construction	Unfunded			\$6,880,683	\$22,226,754	\$5,311,290	\$34,418,727
						TOTAL	\$35,707,191

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, *Design and Construction, Trailer Asset Report*, October 2020.

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MIDDLE SCHOOL RENOVATIONS

Rocky Run Middle School Renovation Project (Est. Completion: FY 2021)

The project was identified according to a published priority listing, known as the Renovation Queue, established in 2008. Rocky Run is number 26 of the 63 schools in the queue and was fully funded by the 2013 and 2017 Bonds. Rocky Run MS has completed construction. The project brings modern amenities to the building and adds over 60,000 square feet.

Historical Membership and Capacity Utilization

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²
SY 2011-12	996	93%
SY 2012-13	1,018	95%
SY 2013-14	1,098	102%
SY 2014-15	1,137	107%
SY 2015-16	1,166	110%
SY 2016-17	1,258	118%
SY 2017-18	1,320	124%
SY 2018-19	1,280	120%
SY 2019-20	1,151	108%
SY 2020-21	1,051	Unavailable ³



Address: 4400 Stringfellow Rd, Chantilly, VA 20151

FCPS Region: 5

Grades: 7-8

Opened: 1980

Prior Renovation: ---

2008 Renovation Queue Rank: 26

Prior Building Area: 130,400 SF

Future Building Area: 191,146 SF

Acreage: 25.20

HS Pyramid: Chantilly HS

ES Feeders: Brookfield ES, Cub Run ES, Greenbriar East ES, Greenbriar West ES, Poplar Tree ES

Title 1: No

Programs: AAP Center, Autism

School Capacity

DESIGN CAPACITY	SY 19-20 PROGRAM CAPACITY	TEMPORARY CLASSROOMS	MODULAR CLASSROOMS	ANTICIPATED FUTURE DESIGN CAPACITY
1,080	1,065	4	-	1,350

Project Funding

PROJECT PHASE	FUNDING SOURCE	PRIOR EXPENDITURES	FY 2022 EXPENDITURES	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	TOTAL
Planning	2013 Bond	\$ 3,493,766				\$ 3,493,766
Construction	2017 Bond	\$45,365,422				\$45,365,422
					TOTAL	\$48,859,188

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, *Design and Construction, Trailer Asset Report*, October 2020.

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Hughes Middle School Renovation Project (Est. Completion: FY 2022)

The project was identified according to a published priority listing, known as the Renovation Queue, established in 2008. Hughes is number 31 of the 63 schools in the queue and was fully funded by the 2015 and 2017 Bonds. Hughes MS is in construction and is estimated to be complete in FY 2022. The project brings modern amenities to the building and adds approximately 53,900 square feet.

Historical Membership and Capacity Utilization

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²
SY 2011-12	921	88%
SY 2012-13	964	87%
SY 2013-14	1,001	90%
SY 2014-15	1,001	90%
SY 2015-16	964	88%
SY 2016-17	1,017	93%
SY 2017-18	1,029	93%
SY 2018-19	1,046	95%
SY 2019-20	1,056	96%
SY 2020-21	1,016	Unavailable ³



Address: 11401 Ridge Heights Rd, Reston, VA 20191
FCPS Region: 1
Grades: 7-8
Opened: 1980
Prior Renovation: ---
2008 Renovation Queue Rank: 31
Prior Building Area: 129,642 SF
Future Building Area: 183,556 SF
Acreage: 25
HS Feeder: South Lakes HS
ES Feeders: Crossfield ES, Dogwood ES, Forest Edge ES, Hunters Woods ES, Lake Anne ES, Sunrise Valley ES, Terraset ES
Title 1: No
Programs: AAP Center, IB, Intellectual Disabilities, Intellectual Disabilities Severe

School Capacity

DESIGN CAPACITY	SY 19-20 PROGRAM CAPACITY	TEMPORARY CLASSROOMS	MODULAR CLASSROOMS	ANTICIPATED FUTURE DESIGN CAPACITY
1,114	1,106	8	-	1,250

Project Funding

PROJECT PHASE	FUNDING SOURCE	PRIOR EXPENDITURES	FY 2022 EXPENDITURES	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	TOTAL
Planning	2015 Bond	\$3,827,188				\$3,827,188
Construction	2017 Bond	\$45,133,224	\$3,213,988			\$48,347,212
					TOTAL	\$52,174,400

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, *Design and Construction, Trailer Asset Report*, October 2020.

Notes:

- Numbers may not add up due to rounding.
- Numbers in red and highlighted in yellow indicate unfunded amounts.
- Numbers highlighted in orange indicate a program capacity utilization percentage after a renovation or capacity enhancement.
- To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
- Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

Cooper Middle School Renovation Project (Est. Completion: FY 2023)

The project was identified according to a published priority listing, known as the Renovation Queue, established in 2008. Cooper is number 34 of the 63 schools in the queue and was fully funded by the 2015 and 2019 Bonds. Cooper MS is starting construction in FY 2021. The project brings modern amenities to the building and adds approximately 66,000 SF, alleviating the need for the current 13,646 SF modular and temporary classrooms.

Historical Membership and Capacity Utilization

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²
SY 2011-12	829	83%
SY 2012-13	800	74%
SY 2013-14	753	70%
SY 2014-15	727	67%
SY 2015-16	764	87%
SY 2016-17	801	86%
SY 2017-18	911	92%
SY 2018-19	1,031	97%
SY 2019-20	992	92%
SY 2020-21	945	Unavailable ³



Address: 977 Balls Hill Rd, McLean, VA 22101
FCPS Region: 1
Grades: 7-8
Opened: 1962
Prior Renovation: 1989
2008 Renovation Queue Rank: 34
Prior Building Area: 114,350 SF + 13,646 SF Modular
Future Building Area: 179,642 SF
Acreage: 20.22
HS Feeder: Langley HS
ES Feeders: Churchill Road ES, Colvin Run ES, Forestville ES, Franklin Sherman ES, Great Falls ES, Spring Hill ES
Title 1: No
Programs: AAP Center, Immersion, Autism, Intellectual Disability (School-based)

School Capacity

DESIGN CAPACITY	SY 19-20 PROGRAM CAPACITY	TEMPORARY CLASSROOMS	MODULAR CLASSROOMS	ANTICIPATED FUTURE DESIGN CAPACITY
1,080	1,075	4	-	1,120

Project Funding

PROJECT PHASE	FUNDING SOURCE	PRIOR EXPENDITURES	FY 2022 EXPENDITURES	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	TOTAL
Planning	2015 Bond	\$3,771,074				\$3,771,074
Construction	2019 Bond	\$16,355,635	\$16,717,390	\$14,963,168		\$48,036,193
					TOTAL	\$51,807,267

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020.

Notes:

- Numbers may not add up due to rounding.
- Numbers in red and highlighted in yellow indicate unfunded amounts.
- Numbers highlighted in orange indicate a program capacity utilization percentage after a renovation or capacity enhancement.
- To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
- Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

Frost Middle School Renovation Project (Est. Completion: FY 2024)

The project was identified according to a published priority listing, known as the Renovation Queue, established in 2008. Frost is number 35 of the 63 schools in the queue and was fully funded by the 2017 and 2019 Bonds. The project will bring modern amenities to the building and add over 79,000 SF, replacing 11,825 SF modular and temporary classrooms.

Historical Membership and Capacity Utilization

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²
SY 2011-12	1,024	110%
SY 2012-13	1,081	116%
SY 2013-14	1,105	96%
SY 2014-15	1,099	91%
SY 2015-16	1,137	101%
SY 2016-17	1,210	111%
SY 2017-18	1,210	108%
SY 2018-19	1,237	105%
SY 2019-20	1,247	103%
SY 2020-21	1,218	Unavailable ³



Address: 4101 Pickett Road, Fairfax, VA 22032
FCPS Region: 5
Grades: 7-8
Opened: 1964
Prior Renovation: 1991
2008 Renovation Queue Rank: 35
Current Building Area: 126,943 SF + 11,825 SF Modular
Future Building Area: 206,381 SF
Acreage: 24.00
HS Feeder: Woodson HS
ES Feeders: Canterbury Woods ES, Fairfax Villa ES, Little Run ES, Mantua ES, Oak View ES, Olde Creek ES, Wakefield Forest ES
Title I: No
Programs: AAP Center, Community Services Site, Intellectual Disability (School-based), Deaf and Hard of Hearing.

School Capacity

DESIGN CAPACITY	SY 19-20 PROGRAM CAPACITY	TEMPORARY CLASSROOMS	MODULAR CLASSROOMS	ANTICIPATED FUTURE DESIGN CAPACITY
1,368	1,206	9	10	1,400

Project Funding

PROJECT PHASE	FUNDING SOURCE	PRIOR EXPENDITURES	FY 2022 EXPENDITURES	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	TOTAL
Planning	2017 Bond	\$4,091,688				\$4,091,688
Construction	2019 Bond	\$ 6,382,278	\$20,150,877	\$20,028,127	\$ 8,359,605	\$54,920,886
					TOTAL	\$59,012,574

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020.

Notes:

- Numbers may not add up due to rounding.
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- Numbers highlighted in yellow indicate a program capacity utilization percentage after a renovation or capacity enhancement.
- To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
- Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

HIGH SCHOOL RENOVATIONS

Herndon High School Renovation Project (Est. Completion: FY 2022)

The project was identified according to a published priority listing, known as the Renovation Queue, established in 2008. Herndon is number 25 of the 63 schools in the queue and was fully funded by the 2013 and 2015 Bonds. Herndon HS is in construction and is estimated to be complete in FY 2022. The project will bring modern amenities to the building and add approximately 110,000 SF, alleviating the need of the over 20 temporary classrooms.

Historical Membership and Capacity Utilization

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²
SY 2011-12	2,208	109%
SY 2012-13	2,171	108%
SY 2013-14	2,179	108%
SY 2014-15	2,267	109%
SY 2015-16	2,264	107%
SY 2016-17	2,307	108%
SY 2017-18	2,344	109%
SY 2018-19	2,303	107%
SY 2019-20	2,346	109%
SY 2020-21	2,253	Unavailable ³



Address: 700 Bennett St, Herndon, VA 20170
FCPS Region: 1
Grades: 9-12
Opened: 1967
Prior Renovation: 1991
2008 Renovation Queue Rank: 25
Prior Building Area: 292,193 SF
Future Building Area: 415,722 SF
Acreage: 40.22
MS Feeder: Herndon MS
ES Feeders: Aldrin ES, Armstrong ES, Clearview ES, Dranesville ES, Herndon ES, Hutchison ES, Coates ES
Title I: No
Programs: HS Advanced Placement, Intellectual Disability (School-based)

School Capacity

DESIGN CAPACITY	SY 19-20 PROGRAM CAPACITY	TEMPORARY CLASSROOMS	MODULAR CLASSROOMS	ANTICIPATED FUTURE DESIGN CAPACITY
2,146	2,145	22	-	2,500

Project Funding

PROJECT PHASE	FUNDING SOURCE	PRIOR EXPENDITURES	FY 2022 EXPENDITURES	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	TOTAL
Planning	2013 Bond	\$ 6,936,144				\$ 6,936,144
Construction	2015 Bond	\$99,371,504				\$99,371,504
					TOTAL	\$106,307,648

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020.

Notes:

- Numbers may not add up due to rounding.
- Numbers in red and highlighted in yellow indicate unfunded amounts.
- Numbers highlighted in yellow indicate a program capacity utilization percentage after a renovation or capacity enhancement.
- To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
- Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

Oakton High School Renovation Project (Est. Completion: FY 2023)

The project was identified according to a published priority listing, known as the Renovation Queue, established in 2008. Oakton is number 30 of the 63 schools in the queue and was fully funded by the 2013 and 2017 Bonds. Oakton HS is in construction and is estimated to be complete in FY 2023. The project will bring modern amenities to the building and add approximately 109,000 SF.

Historical Membership and Capacity Utilization

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²
SY 2011-12	2,218	107%
SY 2012-13	2,165	104%
SY 2013-14	2,198	105%
SY 2014-15	2,267	108%
SY 2015-16	2,412	115%
SY 2016-17	2,492	121%
SY 2017-18	2,632	126%
SY 2018-19	2,733	131%
SY 2019-20	2,722	130%
SY 2020-21	2,697	Unavailable ³



Address: 2900 Sutton Rd, Vienna, VA 22181

FCPS Region: 1

Grades: 9-12

Opened: 1967

Prior Renovation: 1992

2008 Renovation Queue Rank: 30

Prior Building Area: 300,044 SF

Future Building Area: 409,661 SF

Acreage: 58.84

MS Feeder: Carson MS, Franklin MS, Thoreau MS

ES Feeders: Crossfield ES, Marshall Road ES, Mosby Woods ES, Navy ES, Oakton ES, Waples Mill ES

Title I: No

Programs: HS Advanced Placement, Intellectual Disability (School-based)

School Capacity

DESIGN CAPACITY	SY 19-20 PROGRAM CAPACITY	TEMPORARY CLASSROOMS	MODULAR CLASSROOMS	ANTICIPATED FUTURE DESIGN CAPACITY
2,097	2,094	8	-	2,625

Project Funding

PROJECT PHASE	FUNDING SOURCE	PRIOR EXPENDITURES	FY 2022 EXPENDITURES	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	TOTAL
Planning	2013 Bond	\$ 7,182,000				\$ 7,182,000
Construction	2017 Bond	\$ 83,293,327	\$18,752,944	\$3,001,000		\$105,047,271
						\$112,229,271

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020.

Notes:

1. Numbers may not add up due to rounding.
2. Numbers in red and highlighted in yellow indicate unfunded amounts.
3. Numbers highlighted in yellow indicate a program capacity utilization percentage after a renovation or capacity enhancement.
4. To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
5. Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

Falls Church High School Renovation Project (Est. Completion: FY 2026)

The project was identified according to a published priority listing, known as the Renovation Queue, established in 2008. Falls Church HS is number 45 of the 63 schools in the queue and the planning was funded by the 2017 Bond. Falls Church HS is in planning and estimated to begin construction in FY 2022. The project will bring modern amenities to the building and add approximately 122,000 SF. Square footage may change as the design is finalized.

Historical Membership and Capacity Utilization

SCHOOL YEAR	MEMBERSHIP ¹	PROGRAM CAPACITY UTILIZATION ²
SY 2011-12	1,567	81%
SY 2012-13	1,663	85%
SY 2013-14	1,675	86%
SY 2014-15	1,800	92%
SY 2015-16	1,867	96%
SY 2016-17	1,956	100%
SY 2017-18	2,113	108%
SY 2018-19	2,062	106%
SY 2019-20	2,034	104%
SY 2020-21	1,960	Unavailable ³



Address: 7521 Jaguar Trail, Falls Church, VA 22042

FCPS Region: 2

Grades: 9-12

Opened: 1967

Prior Renovation: 1989

2008 Renovation Queue Rank: 45

Current Building Area: 303,413 SF

Future Building Area: 429,596 SF

Acreage: 39.54

MS Feeder: Jackson MS, Poe MS

ES Feeders: Camelot ES, Fairhill ES, Graham Road ES, Mason Crest ES, Pine Spring ES, Timber Lane ES, Westlawn ES, Woodburn ES

Title 1: No

Programs: HS Advanced Placement, HS Academy, Intellectual Disability (School-based), Physical Disability, Nontraditional

School Capacity

DESIGN CAPACITY	SY 19-20 PROGRAM CAPACITY	TEMPORARY CLASSROOMS	MODULAR CLASSROOMS	ANTICIPATED FUTURE DESIGN CAPACITY
1,962	1,961	8	-	TBD

Project Funding

PROJECT PHASE	FUNDING SOURCE	PRIOR EXPENDITURES	FY 2022 EXPENDITURES	FY 2023 EXPENDITURES	FY 2024 EXPENDITURES	FY 2025 EXPENDITURES	FY 2026 EXPENDITURES	TOTAL
Planning	2017 Bond	\$10,114,104						\$10,114,104
Construction	Unfunded		\$20,351,760	\$35,150,742	\$35,002,042	\$31,894,745	\$10,077,696	\$132,476,984
							TOTAL	\$142,591,088

¹ Membership numbers include general education, special education, AAP, FCPS PreK, and preschool. Membership numbers do not include special education centers, adult education, multi-agency, and home school and private school special education services.

² Pre-construction program capacity was used for schools under construction for that school year.

³ Program capacity utilization percentage is unavailable due to the COVID-19 pandemic.

Sources: FCPS, *Certified Membership*, September 2011 to September 2020; Facilities Planning Services, *Capacity and Utilization Surveys*, SY 2011-12 to SY 2019-20; FCPS, Design and Construction, *Trailer Asset Report*, October 2020.

Notes:

- Numbers may not add up due to rounding.
- Numbers in red and highlighted in yellow indicate unfunded amounts.
- Numbers highlighted in yellow indicate a program capacity utilization percentage after a renovation or capacity enhancement.
- To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.
- Project status as of December 2020. To view updated project status (where applicable) please visit <https://www.fcps.edu/about/Capital-Improvement-Project-Status>.

REGION SUMMARIES

REGION SUMMARIES

As noted in the Highlights and Overview sections, due to changing conditions of the COVID-19 pandemic and the virtual start to school the Region Summaries have been modified this year. A five-year projection set has not been produced as the possible future impact of the unique decline in membership for SY 2020-21 will depend on many factors, including the future course of the pandemic and economic conditions. Additionally, assessment of facility capacity was not completed due to the ongoing planning for return to school, limiting the ability to determine school program capacity.

Understanding and accurately capturing school capacity is important to ensure the most efficient use of school facilities and capital funds, to assess appropriate program placement, to develop student accommodation solutions, to ensure that classroom spaces are sized appropriately and designed with flexibility in order to meet the needs of multiple and/or changing instructional programs, and to formulate long-term facility plans. The following pages detail how capacity is typically calculated and utilized and how it differs for this year's CIP cycle.

Calculating Capacity

It is important to note that school capacity is measured differently depending upon the school type. Elementary schools are calculated based upon the number of core classrooms and self-contained special education classrooms. Some middle school students are team taught, which limits the number of students to the quantity of rooms required to support a team, while others follow the departmental teaching model and must be assessed similarly to high schools. High school capacity is far more complex than that in elementary and middle schools. The capacity of a high school is based upon the required core programs and the various elective options available.

Design Capacity

Design capacity reflects the capacity of a building as it was originally constructed. Newly constructed and renovated facilities are designed to Educational Specifications. Per Regulation 8120.3, *The Instructional Services Department—in cooperation with the Department of Facilities and Transportation Services, the Department of Information Technology, selected principals, instructional staff members, and consultants—shall meet periodically to review the educational specifications and recommend changes based on current approved educational programs.* There is an Educational Specification for each school level (elementary, middle, and high) and a separate Educational Specification for Special Education programming. The Educational Specifications detail how types of spaces are built and specifies size, amenities, and location within a facility. To meet school system goals, schools consist of programs and instructional spaces of various sized spaces to allow for individual, small and large group work. Each space is designed to meet a program's need and each has a different number of students it can accommodate. Based on the programming of a newly designed facility, a design capacity number is created to meet the Educational Specification. Over time, the use of a building changes with each unique program having different accommodations and spatial requirements. This changes the facility's program capacity while the design capacity remains the same. Design capacity changes if the building undergoes a large renovation or addition, the designed programmable space is added or modified, or if the capacity factor of a space changes due to review of budget, staff, and regulations.

Program Capacity

Program capacity refers to the number of students a facility can accommodate based on the programs at a school. Unlike design capacity, the program capacity changes each year depending on programs allocated to a facility and how the space is utilized. Elementary, middle, and high school programs differ from each other and their program capacity is calculated differently. The program capacity of a space is determined by several factors, including square footage, staffing, and bell schedule. The program capacity of a building is calculated by adding the program capacity of all spaces within a facility. It should also be noted that not all spaces have a capacity if they are not used for daily instruction, such as office spaces.

The programs offered at a school impact the program capacity due to state and local standards, such as class size caps and student-to-teacher ratios. For example, a preschool autism room has a capacity ratio of eight, limiting the number of students in a classroom to eight preschool autism students. If that room was scheduled as Kindergarten, it could have a capacity ratio of 28. The same room, with a different use, may have a different program capacity. Due to the unique programs FCPS offers in their facilities, the program capacity will vary from the design capacity in many instances. Over time a school can experience membership fluctuations and evolving community needs. These changes will have a direct impact on programs offered and their respective capacity. Additionally, the capacity ratio can change over time as state and local practices refine their standards.

The usage of space is ultimately decided by the school. To meet the instructional and staff needs of the school, a school administration may change space use, which may also have a direct impact on program capacity. If a principal decides to use a classroom as an office, that space would not have a program capacity and may cause the facility to appear overcrowded in the assessment of facility capacity. The Office of Facilities Planning Services staff includes capacity architects who perform the analysis of schools that are over-capacity and offer several solutions.

Every year, the Office of Facilities Planning Services sends out a survey for principals and staff to fill out, identifying how each space within their building is used so that capacity architects can calculate the program capacity. Due to the ongoing virtual start to the school year and planning for return to school, the surveys were not completed this year limiting the ability to determine school capacity.

Capacity Utilization

In a normal school year, a capacity utilization percentage is shown in the CIP to reflect conditions at a school. The capacity utilization percentage is membership divided by program capacity; it shows what percentage a building is being utilized. The term capacity deficit is used to refer to a school with a membership higher than its program capacity, also known as overcrowded. A school with a utilization percentage greater than 100 percent is considered to have a capacity deficit; however, there are different degrees of capacity deficits. Due to limited funding, thresholds have been established to identify schools with capacity needs which may require adding physical classroom space or simply reprogramming existing spaces. The thresholds below identify the different degrees of capacity deficits.

Capacity Utilization Thresholds

- 115% or More—Schools considered to have a substantial capacity deficit;
- 105%–114%—Schools considered to have a moderate capacity deficit;
- 95%–104%—Schools approaching a capacity deficit or to having a slight capacity deficit;
- 85%–94%—Schools considered to have sufficient capacity for current programs and future growth; and
- Less than 85%—Schools considered to have a capacity surplus.

CAPACITY RELATED TERMS

Please refer to the Glossary of Terms for a definition of the following terms: *design capacity, capacity deficit, capacity enhancements, capacity surplus, capacity utilization, and program capacity.*

Without program capacity, the utilization percentage could not be calculated, nor solutions identified. Additionally, this year's CIP omits projections due to changing conditions of the COVID-19 pandemic and the virtual start to school. Maps showing utilization percentages are also omitted.

School Capacity Deficit and Potential Solutions

Considering the Guiding Principles in the Regulation Framework section and the limited funds available, the following criteria have been established to determine which potential solutions to consider for each school with a capacity deficit (see capacity utilization for definition). Please note that this is used as the initial criteria for preliminary analysis only and is not intended to be a comprehensive list due to the specific characteristics of each school. For schools needing capacity support throughout the school year due to membership growth or programs, a thorough assessment of the school capacity and utilization is performed in order to determine appropriate solutions to consider. Even though utilization percentages were not calculated due to COVID-19, the Office of Facilities Planning Services staff will continue to assist schools with capacity challenges and utilize the below as a guide when determining potential solutions.

- **Renovation:** If the school is in listed in the Renovation Queue or is scheduled for a capacity enhancement, a temporary solution could be considered to accommodate the capacity deficit until the completion of the renovation.
- **School Programs:** The programs in a school could greatly impact the capacity of a school. These can either reduce the size of the classrooms (number of students per class), or increase membership (students transferring into a school).
- **Student Transfers -** The number of students transferring in and out of a school are typically closely related to the programs which the school may or may not have. These transfers can both increase or decrease the

membership in a school and impact the school's utilization percentage.

- **Temporary Classrooms:** The number of temporary classrooms at a school, along with their usage, is reviewed to determine if they are sufficient to address the current capacity deficit. An increasing number of required temporary classrooms could be an indicator that a more permanent solution, such as a building addition or a boundary adjustment, should be considered.
- **Modular Classrooms:** Classrooms in modular buildings are included in the determination of design and program capacity of a school. If a school has both temporary and modular classrooms and also has current and projected capacity deficits, this could be an indicator that a more permanent solution, such as a building addition or a boundary adjustment, may be considered.
- **Schools With Capacity Surplus:** Schools with a capacity surplus may be considered to provide capacity relief to overcrowded schools through boundary adjustments or program changes.

The following is a list of potential solutions that are considered by staff and FCPS administration to alleviate current and projected school capacity deficits. Any options chosen for implementation will be discussed and decided through a transparent process with the appropriate stakeholders, in accordance with School Board Policies and Regulations.

- Increase efficiency by reassigning instructional spaces within a school to accommodate increase in membership.
- Possible program changes.
- Minor interior facility modifications to create additional instructional space and help to accommodate capacity deficit.
- Add temporary classrooms to accommodate short-term capacity deficit.
- Repurpose existing inventory of school facilities not currently being used as schools or build a new school facility.
- Capacity enhancement through either a modular or building addition.
- Utilize existing space on a school site currently used by non-school programs.
- Potential boundary adjustment with schools having a capacity surplus.

The Utilization Survey was not able to be completed this year due to COVID-19 and thus there are no utilization percentages or potential solutions within this document.

School Programs Table

Each regional section contains a Special Education School Programs table. This table includes all the schools (by pyramid) within the region, the school status if any (Title 1, K-3 Cap), and any instructional and/or special education programs. The table indicates if the programs accept students from outside the school boundary or if these are only school-based programs (see key at the bottom of the table). The table also includes the number of dedicated classrooms used for the School Age Child Care (SACC) program. As described in the Program Capacity section, instructional and special education programs have an impact on the capacity of a school since they often have lower student: staff ratios, requiring lower capacity ratios per space.

Region Summary Table

Each region section ends with a region's summary table titled "SY 2020-21 Capacity, Membership, and Projections." The table is divided by high school pyramids, which include all of the assigned K-12 schools. The following information is provided for each school: current membership, SY 20-21 September certified; last year's membership, SY 2019-20 September certified; design capacity; program capacity from SY 2019-20; trailer and modular classroom counts; and Capital Improvement Project status for each school through FY26. The diagram below illustrates the different parts of the table and is presented as a guide to understanding the information provided.

Both SY 2020-21 and SY 2019-20 memberships are shown to highlight this year's reality versus last year's membership. With the COVID-19 pandemic FCPS saw a decline in student membership, a lower birth to kindergarten ratio, and a negative net migration for SY 2020-21. Whether these trends are temporary for SY 2020-21 will depend on many factors, including the future course of the pandemic and economic conditions.

For the purposes of this document, the following tables indicate SY 2019-20's program capacity since the current year is unavailable due to COVID-19 implications. If a school has not had a program change identified in the Instructional and Special Education Programs table, other factors such as grade configuration, membership, and classroom use could change the program capacity. Any identified program changes or change in room uses will have an effect on the program capacity and will be unknown until an assessment of facility capacity occur once in-person instructions begin for all schools and programs.

HIGH SCHOOL PYRAMID

DESIGN CAPACITY

This column shows the design capacity of a school. The design capacity includes the modular design capacity, where applicable. For schools with a modular addition, a line has been added listing the school capacity without modular capacity. The design capacity remains constant year-to-year unless a school has undergone a recent renovation or capacity enhancement. For schools that are projected to have a new capacity due to renovation or a capacity enhancement, the future design capacity is also shown in italics.

PROGRAM CAPACITY

This column shows the program capacity based on the SY 2019-20 programs. Program capacity is calculated annually due to space usage changes; however, SY 2020-21 capacity is not available due to the COVID-19 pandemic.

Pre-construction program capacity is used for schools currently in construction.

MEMBERSHIP SY 2019-20 AND SY 2020-21

are both shown given the unique decline due to the COVID-19 pandemic.

CAPACITY

These columns have information from both SY 2019-20 and SY 2020-21 due to the COVID-19 pandemic. SY 2019-20 information includes the program capacity for when the building was fully used for in-person instruction and the SY 2019-20 membership. SY 2020-21 information includes the student membership, updated number of temporary classrooms, and modular classrooms.

TEMPORARY CLASSROOMS

NOT included in design or program capacity.

MODULAR CLASSROOMS

Included in the design and program capacity of a school.

PROJECT FUNDING

Indicates funding source. Projects here are funded by General Obligation Bonds adopted by Fairfax County voters.

PROJECT SCHEDULE

If a school is identified for funding with this fiscal cycle, the schedule shows which fiscal year, and corresponding school year work will occur. Project schedule is broken out by in planning, permitting, and construction.

PROJECT TYPE

Indicates if the project is a new school, renovation, or capacity enhancement.

PROJECT STATUS

Indicates if the project is unfunded or in planning, permitting, or construction.

HERNDON HS

FACILITY	CAPACITY						CAPITAL PROJECT INFORMATION									
	SCHOOL	DESIGN CAPACITY	SY 2019-20		SY 2020-21		PROJECT TYPE	PROJECT STATUS	PROJECT FUNDING	PROJECT SCHEDULE						
			PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM				MODULAR CLASSROOM	FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26
Herndon HS ³	2,146 / 2,500	2,145	2,346	2,253	22	-	Renovation	In Construction	2013, 2015 Bonds							
Herndon MS	1,176	1,169	1,131	1,146	6	-	-	-	-							
Aldrin ES	896	747	640	558	-	-	-	-	-							
Armstrong ES	784	527	396	358	-	-	Renovation	Unfunded	-							
Clearview ES ^{3,4}	912 / 800	786	711	616	4	-	Renovation	Completed	2015, 2017 Bonds							
Dranesville ES	1,008	834	715	631	-	-	Renovation	Unfunded	-							
Herndon ES ²	1,232	984	836	788	4	10	Renovation	Unfunded	-							
Hutchison ES	1,220	1,040	1,093	1,076	8	-	-	-	-							

ASSUMED PROGRAM CAPACITY CHANGE

Program capacities highlighted in pink indicate a program change identified since SY 2019-20 which may impact future program capacity of the facility.

READ ACROSS THE TABLE

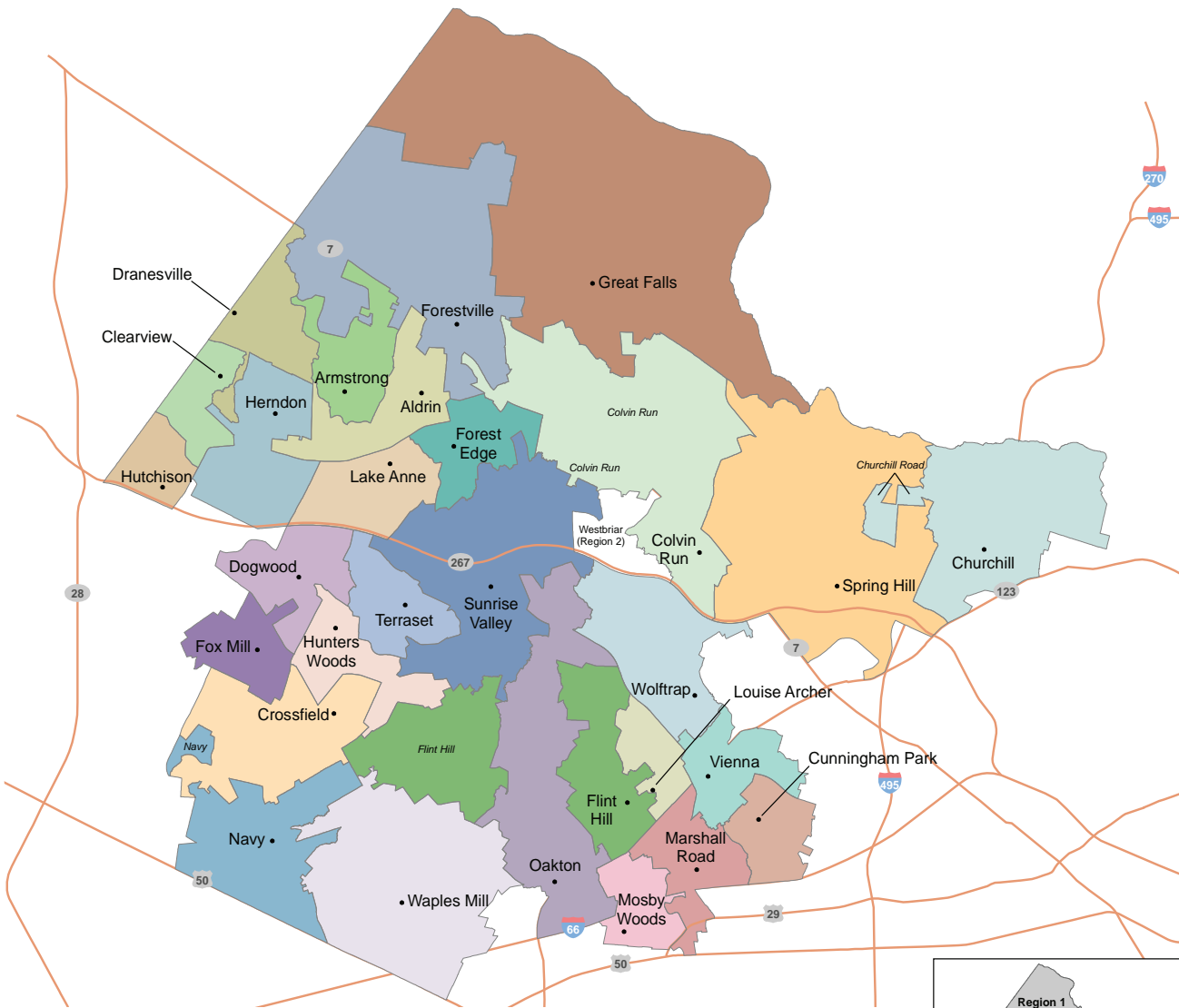
School information is read across the table. For example, Aldrin ES has a design capacity of 896 seats. In SY 2019-20, it had a program capacity of 747 seats and a September certified membership of 640 students. It does not have a project status since it is not one of the 63 schools identified within the 2008 queue of projects.

PROGRAMS AND CAPITAL PROJECTS BY REGION



REGION 1 ELEMENTARY SCHOOL BOUNDARIES

SY 2020-21



Elementary School

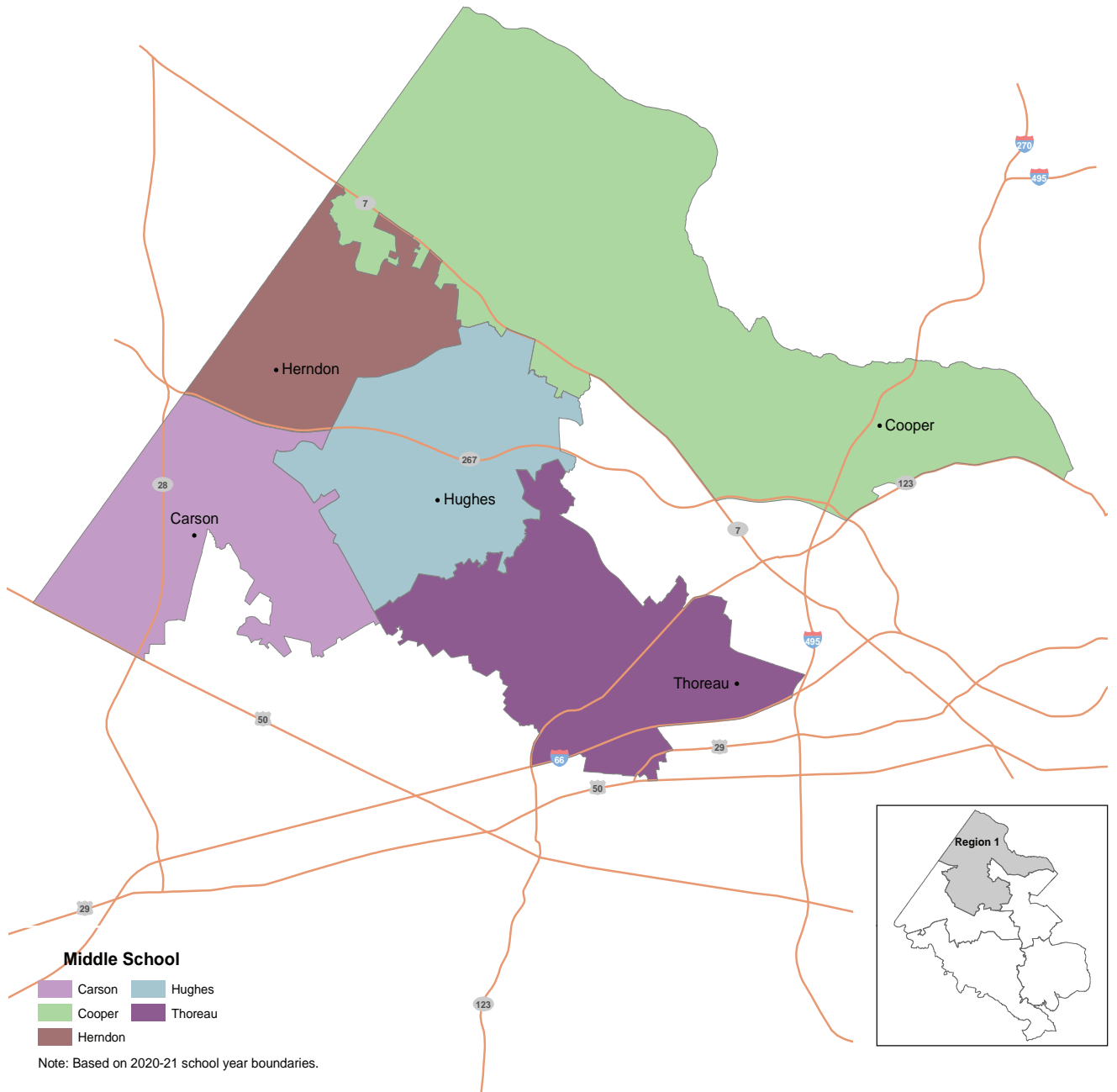
Note: Based on 2020-21 school year boundaries.

REGION 1

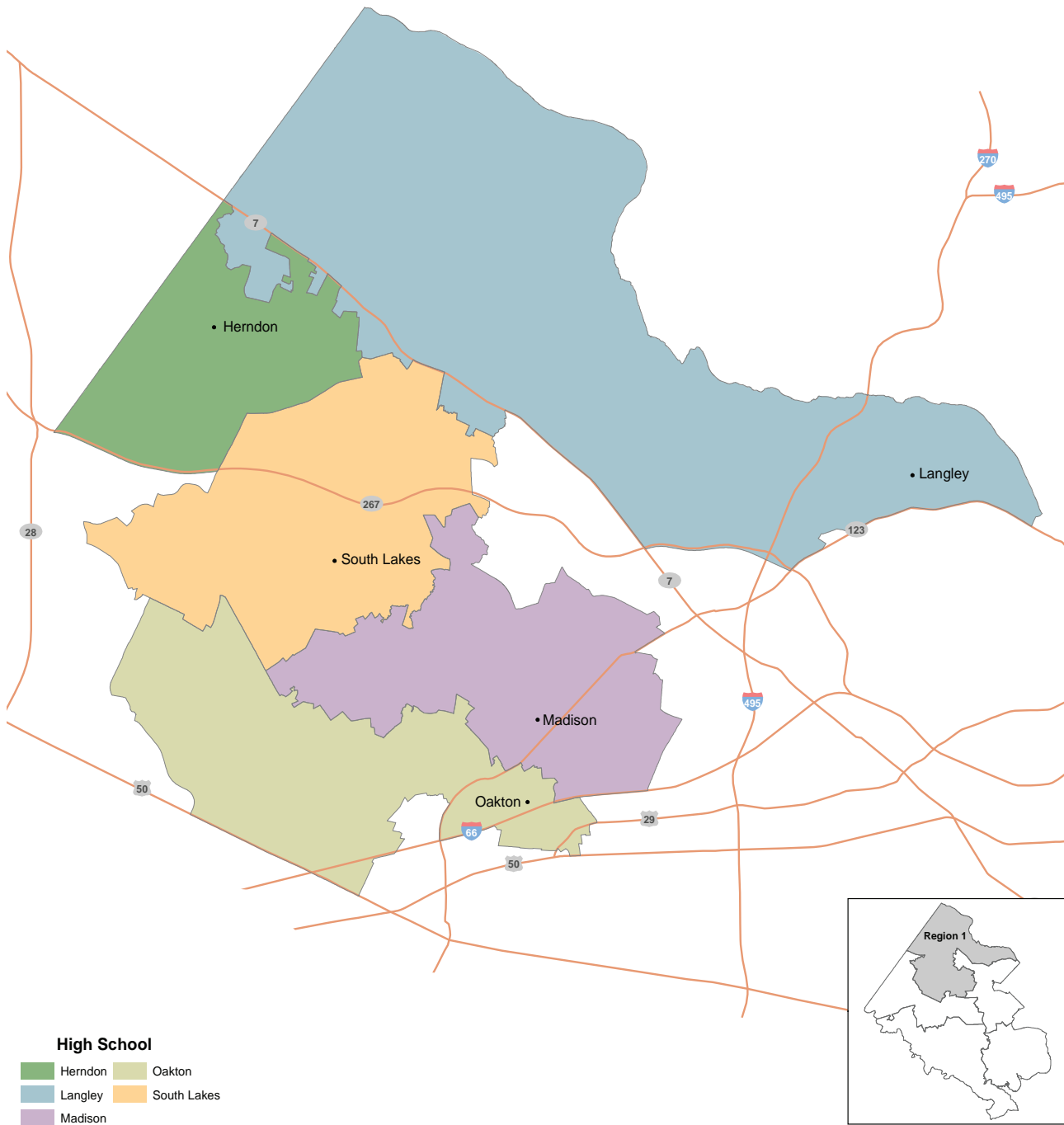


REGION 1 MIDDLE SCHOOL BOUNDARIES

SY 2020-21



REGION 1



Note: Based on 2020-21 school year boundaries.

POTENTIAL SOLUTIONS

The following is a list of potential solutions to consider to alleviate current and projected school capacity deficit(s). For consideration purposes, as many options as possible have been identified for each school, in no significant order and may be contingent on other potential solutions listed. Any option(s) chosen for implementation will be discussed and decided through a transparent process with the appropriate stakeholders, in accordance with School Board Policies and Regulations.

- A. Increase efficiency by reassigning instructional spaces within a school to accommodate increase in membership.
- B. Possible program changes.
- C. Minor interior facility modifications to create additional instructional space and help to accommodate capacity deficit.
- D. Add temporary classrooms to accommodate short-term capacity deficit.
- E. Repurpose existing inventory of school facilities not currently being used as schools or build a new school facility.
- F. Capacity enhancement through either a modular or building addition.
- G. Utilize existing space on a school site currently used by non-school programs.
- H. Potential boundary adjustment with schools having a capacity surplus.

Schools in Construction

The following table lists the schools that are in construction in the current year. The schools remain listed until the anticipated completion of the project. Construction projects include:

- Partial or full renovation of the existing school building. A renovation can result in an increase or decrease of design capacity due to restructuring of uses to provide efficient instructional spaces per the educational specifications.
- Replacement of modular building with a permanent structure that adjoins the existing school building. This type of renovation can result in an increase or decrease in design capacity due to restructuring of uses to provide efficient instructional spaces per the educational specifications.
- Permanent and adjoining building addition with minor modification to the existing building. Additions typically result in an increase of design capacity of a school.
- Modular building addition on a school site. This addition typically results in an increase of design capacity of a school.

Monitoring Student Membership

The following table lists the schools that are monitored for membership in the current school year. Based on the current and projected membership and current program capacity, these schools do not show a capacity deficit, but are monitored to ensure accommodation of unexpected population changes through solutions listed above.

Schools with Modular Additions

The Capacity, Membership, and Capacity Utilization section of the CIP lists the school capacity and utilization percentage of the schools with and without a modular addition. Modular additions have been added as a capacity solution for schools with substantial growth due to program changes or development in the area. Considering these schools without the capacity of the modular addition typically results in a significant capacity deficit and would require additional capacity solutions. These solutions are capacity enhancement through a building addition or potential boundary adjustment with schools having a capacity surplus.

REGION	PYRAMID	LEVEL	SCHOOL	POTENTIAL SOLUTIONS
1	Herndon	HS	Herndon	Renovation in Construction A
1	Herndon	MS	Herndon	Monitor student membership
1	Herndon	ES	Aldrin	Monitor student membership
1	Herndon	ES	Armstrong	Monitor student membership
1	Herndon	ES	Clearview	Monitor student membership
1	Herndon	ES	Dranesville	Monitor student membership
1	Herndon	ES	Herndon	Monitor student membership
1	Herndon	ES	Hutchison	A, B, C, G, H
1	Langley	HS	Langley	Monitor student membership
1	Langley	MS	Cooper	Renovation in Construction
1	Langley	ES	Churchill Road	Monitor student membership
1	Langley	ES	Colvin Run	Monitor student membership
1	Langley	ES	Forestville	Monitor student membership
1	Langley	ES	Great Falls	Monitor student membership
1	Langley	ES	Spring Hill	Monitor student membership
1	Madison	HS	Madison	Addition in Construction A, B, C, F, H
1	Madison	MS	Thoreau	Monitor student membership
1	Madison	ES	Cunningham Park	Monitor student membership
1	Madison	ES	Flint Hill	A, E, H
1	Madison	ES	Louise Archer	Renovation in Planning Monitor student membership
1	Madison	ES	Marshall Road	Monitor student membership
1	Madison	ES	Vienna	Monitor student membership
1	Madison	ES	Wolftrap	A, C
1	Oakton	HS	Oakton	Renovation in Construction A, D, E, F, H
1	Oakton	MS	Carson	B, H
1	Oakton	ES	Crossfield	Renovation in Planning Monitor student membership
1	Oakton	ES	Mosby Woods	Renovation in Planning B, E, H
1	Oakton	ES	Navy	B, G, H
1	Oakton	ES	Oakton	Monitor student membership
1	Oakton	ES	Waples Mill	A, B, G, E, H
1	South Lakes	HS	South Lakes	A
1	South Lakes	MS	Hughes	Renovation in Construction
1	South Lakes	ES	Dogwood	Monitor student membership
1	South Lakes	ES	Forest Edge	Monitor student membership
1	South Lakes	ES	Fox Mill	Renovation in Planning
1	South Lakes	ES	Hunters Woods	Monitor student membership
1	South Lakes	ES	Lake Anne	Monitor student membership
1	South Lakes	ES	Sunrise Valley	Monitor student membership
1	South Lakes	ES	Terraset	Monitor student membership

REGION 1

SY 2020–21 Instructional and Special Education School Programs

PROGRAM ABBREVIATIONS:

FCPS PreK	PRE-KINDERGARTEN
EHS	EARLY HEAD START
ES/MS AAP	ELEMENTARY OR MIDDLE SCHOOL ADVANCED ACADEMIC PROGRAMS
FLES/LTC	FOREIGN LANGUAGE IN THE ELEMENTARY SCHOOL/LANGUAGE THROUGH CONTENT PROGRAM
HS AP	HIGH SCHOOL ADVANCED PLACEMENT
IB MYP/HS IB	INTERNATIONAL BACCALAUREATE MIDDLE YEARS PROGRAM/HIGH SCHOOL INTERNATIONAL BACCALAUREATE DIPLOMA PROGRAM
HS ACADEMY	HIGH SCHOOL ACADEMY
ECCB	EARLY CHILDHOOD CLASS-BASED
PAC	PRESCHOOL AUTISM CLASS
AUT	AUTISM
CSS	COMPREHENSIVE SERVICES SITE
ID	INTELLECTUAL DISABILITIES
IDS	INTELLECTUAL DISABILITIES SEVERE
DHOH	DEAF OR HARD OF HEARING
BVI	BLIND AND VISUALLY IMPAIRED
PD	PHYSICAL DISABILITIES
SACC	SCHOOL-AGE CHILD CARE
STEP	SECONDARY TRANSITION TO EMPLOYMENT PROGRAM
AHS	FAIRFAX COUNTY ADULT HIGH SCHOOL
AIM	ACHIEVEMENT, INTEGRITY, AND MATURITY PROGRAM
ALC	ALTERNATIVE LEARNING CENTERS
NCRA	NONTRADITIONAL CAREER READINESS ACADEMY
TSRC	TRANSITION SUPPORT RESOURCE CENTER
ACE	ADULT AND COMMUNITY EDUCATION

¹ Public Day sites at Burke School, Cedar Lane School, Key Center, Kilmer Center, Pimmit Hills, and Quander Road School.

² Additional Nontraditional Schools include Adult Completion Programs (Fairfax County Adult HS at Plum Center, and Herndon West), and various programs housed in non-FCPS owned facilities in Herndon, Falls Church, Fairfax, Centreville, and Alexandria.

³ AHS at Justice HS and Herndon HS are evening satellite programs.

⁴ Additional NCRA at Spring Village.

⁵ Additional TSRC at Graham Road Community Building, and facilities not owned by FCPS in Annandale, Fairfax Courthouse Complex, Falls Church, and Reston.

⁶ Additional ACE at Graham Road Community Building and Fairfax County Adult High School at Plum Center.

⁷ SACC program is run by the Fairfax County Government, not FCPS. Numbers include SACC in dedicated classrooms. SACC in temporary classrooms or open resource spaces are not included in this count. Additional SACC at Graham Road Community Building.

⁸ Governor's School.

Y - Accepts students from inside and outside school boundary.

Y-SB - School-based students only.

Y-HI - Program for students with hearing impairment.

SY 2020-21 CAPACITY AND MEMBERSHIP | REGION 1 by Pyramid

FACILITY	CAPACITY						CAPITAL PROJECT INFORMATION								
	SY 2019-20			SY 2020-21			PROJECT TYPE	PROJECT STATUS	PROJECT FUNDING	PROJECT SCHEDULE					
	DESIGN CAPACITY	PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM	MODULAR CLASSROOM				FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26
HERNDON HS ³	2,146 / 2,500	2,145	2,346	2,253	22	-	Renovation	In Construction	2013, 2015 Bonds						
Herndon MS	1,176	1,169	1,131	1,146	6	-	-	-	-						
Aldrin ES	896	747	640	558	-	-	-	-	-						
Armstrong ES	784	527	396	358	-	-	Renovation	Unfunded	-						
Clearview ES ^{3,4}	912 / 800	786	711	616	4	-	Renovation	Completed	2015, 2017 Bonds						
Dranesville ES	1,008	834	715	631	-	-	Renovation	Unfunded	-						
Herndon ES ²	1,232	984	836	788	4	10	Renovation	Unfunded	-						
Hutchison ES	1,220	1,040	1,093	1,076	8	-	-	-	-						

HERNDON HS

FACILITY	CAPACITY						CAPITAL PROJECT INFORMATION								
	SY 2019-20			SY 2020-21			PROJECT TYPE	PROJECT STATUS	PROJECT FUNDING	PROJECT SCHEDULE					
	DESIGN CAPACITY	PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM	MODULAR CLASSROOM				FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26
Langley HS	2,370	2,370	1,972	2,008	-	-	-	-	-						
Cooper MS ^{3,4}	1,080 / 1,120	1,075	992	945	4	-	Renovation	In Construction	2015, 2019 Bonds						
Churchill Road ES ⁴	924	876	760	658	3	10	-	-	-						
Colvin Run ES ⁴	1,008	918	783	741	-	-	-	-	-						
Forestville ES	764	661	603	552	-	-	-	-	-						
Great Falls ES	728	637	510	470	-	-	-	-	-						
Spring Hill ES	1,260	1,121	1,000	838	-	-	-	-	-						

LANGLEY HS

FACILITY	CAPACITY						CAPITAL PROJECT INFORMATION								
	SY 2019-20			SY 2020-21			PROJECT TYPE	PROJECT STATUS	PROJECT FUNDING	PROJECT SCHEDULE					
	DESIGN CAPACITY	PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM	MODULAR CLASSROOM				FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26
Madison HS ³	2,115 / 2,500	2,113	2,272	2,217	3	-	Addition	In Permitting	2017, 2019 Bonds						
Thoreau MS ¹	1,395	1,392	1,319	1,229	-	-	-	-	-						
Cunningham Park ES ²	644	571	462	444	-	-	-	-	-						
Flint Hill ES	700	670	679	608	5	-	-	-	-						
Louise Archer ES ^{3,4}	784 / 700	725	587	526	2	10	Renovation	In Permitting	2019 Bond (Design)						
Marshall Road ES	1,036	817	770	663	-	-	-	-	-						
Vienna ES	492	453	448	380	-	-	-	-	-						
Wolftrap ES	616	568	567	538	5	-	-	-	-						

MADISON HS

OAKTON HS

FACILITY		CAPACITY				CAPITAL PROJECT INFORMATION											
		SY 2019-20		SY 2020-21		PROJECT TYPE	PROJECT STATUS	PROJECT FUNDING	PROJECT SCHEDULE								
		PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM				MODULAR CLASSROOM	FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26	FY27 SY26-27	
SCHOOL	DESIGN CAPACITY																
Oakton HS ³	2,097 / 2,425	2,094	2,722	2,697	8	-	Renovation	In Construction	2013, 2017 Bond								
Carson MS ⁴	1,539	1,539	1,535	1,472	8	-	-	-	-								
Crossfield ES ^{2,3}	1,008 / 750	647	611	542	-	-	Renovation	In Design	2019 Bond (Design)								
Mosby Woods ES ^{1,3,4}	1,038 / 1,050	986	1,039	961	8	10	Renovation	In Design	2019 Bond (Design)								
Navy ES ⁴	998	954	993	900	4	-	-	-	-								
Oakton ES	810	806	782	722	4	-	-	-	-								
Waples Mill ES	1,008	855	920	866	8	-	Renovation	Unfunded	-								

SOUTH LAKES HS

FACILITY		CAPACITY				CAPITAL PROJECT INFORMATION											
		SY 2019-20		SY 2020-21		PROJECT TYPE	PROJECT STATUS	PROJECT FUNDING	PROJECT SCHEDULE								
		PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM				MODULAR CLASSROOM	FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26	FY27 SY26-27	
SCHOOL	DESIGN CAPACITY																
South Lakes HS	2,717	2,542	2,492	2,556	4	-	-	-	-								
Hughes MS ^{3,4}	1,114 / 1,250	1,106	1,056	1,016	8	-	Renovation	In Construction	2015, 2017 Bond								
Dogwood ES ²	1,008	784	724	658	8	-	-	-	-								
Forest Edge ES ^{2,4}	980	634	513	491	-	-	-	-	-								
Fox Mill ES ³	840 / 650	683	598	544	2	-	Renovation	In Construction	2017, 2019 Bond								
Hunters Woods ES ⁴	1,008	948	814	742	4	-	-	-	-								
Lake Anne ES	788	720	598	565	2	-	-	-	-								
Sunrise Valley ES ^{2,4}	826	750	606	549	-	-	-	-	-								
Terraset ES ²	914	760	636	597	-	-	-	-	-								

¹ Boundary study impact. Schools currently going through phased-in boundary changes.

² Program change impact. Schools adding or removing new instructional or special education programs. Program capacity is also highlighted in pink to indicate program change.

³ Facility change impact. School going through renovation or having completed renovation in the current school year.

⁴ General education and AAP center school.

⁵ School does not follow typical feeder pattern.

Sources: FCPS, Certified Membership, September 2019 to September 2020; FCPS, Facilities Planning Services, Capacity and Utilization Surveys, SY 2019-20; FCPS, Design and Construction, Trailer Asset Report, October 2020.

Notes:

1. A guide to understanding the information on these tables can be found at the beginning of the Region Summaries section.
2. Membership numbers include general education, special education, AAP, FCPS PreK, and preschool.
3. Membership numbers do not include adult education, multiagency, and home school and private school special education services.
4. For schools with utilization percentage in red, refer to Potential Capacity Solutions table for this region.
5. Numbers highlighted in yellow are current and future design capacity after a renovation or capacity enhancement.
6. Pre-construction program capacity is used for schools currently in construction.
7. To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.

Planning

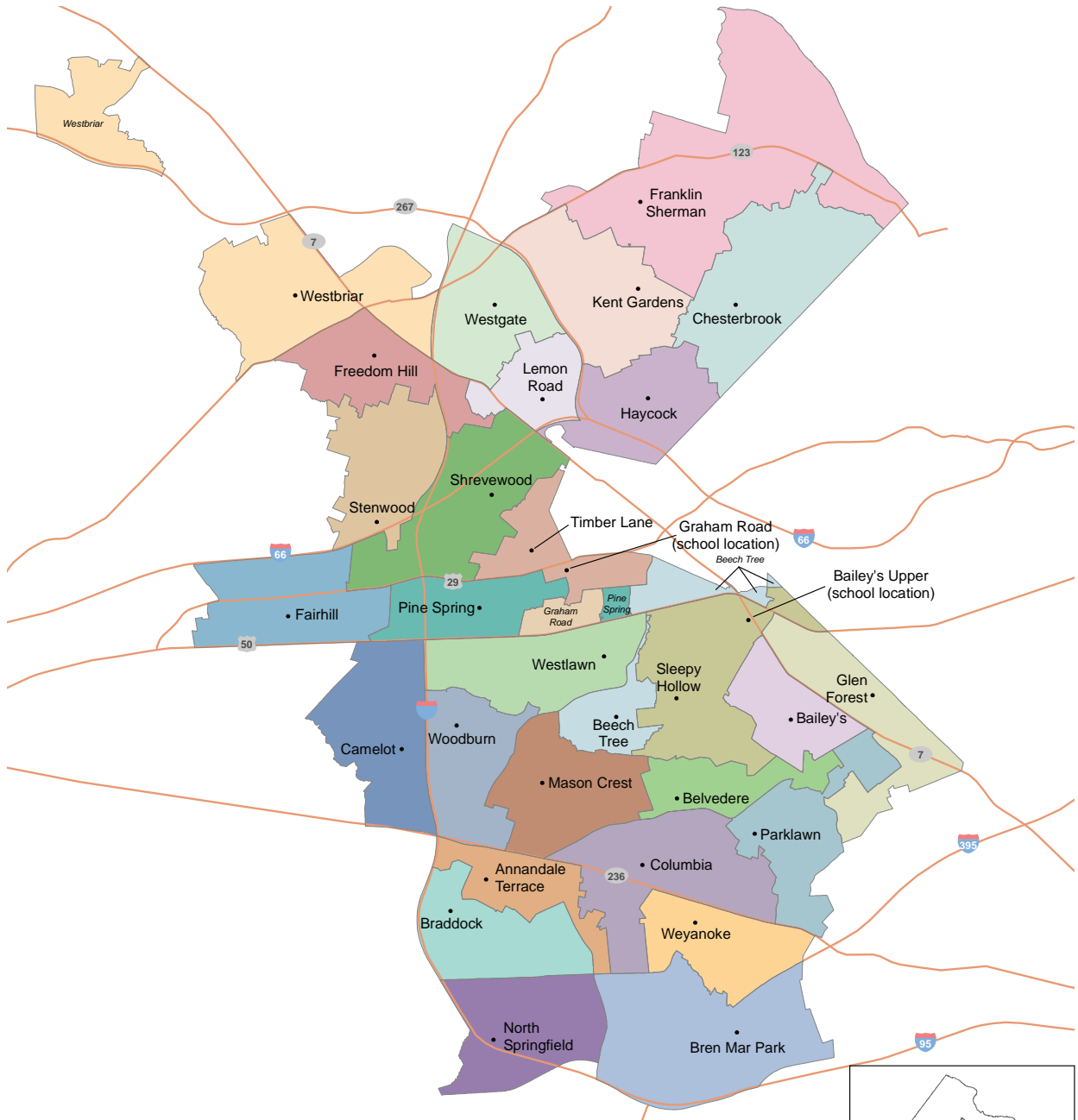
Permitting

Construction

REGION 1

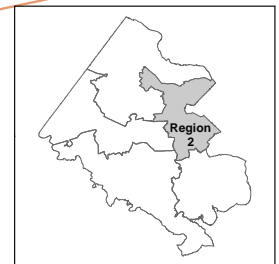
REGION 2 ELEMENTARY SCHOOL BOUNDARIES

SY 2020-21



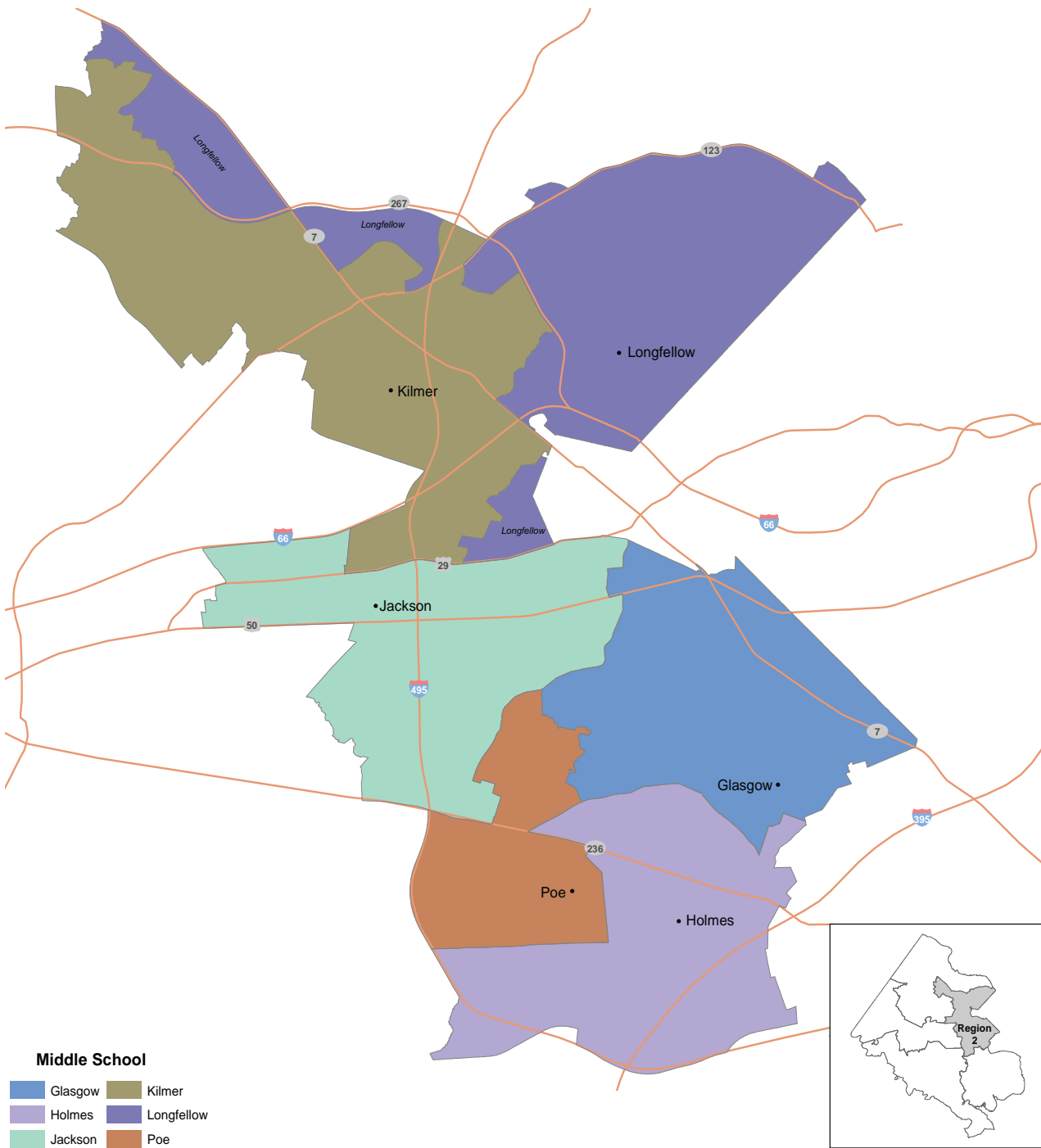
Elementary School

Annandale Terrace	Camelot	Glen Forest	North Springfield	Timber Lane
Bailey's & Bailey's Upper	Chesterbrook	Graham Road	Parklawn	Westbriar
Beech Tree	Columbia	Haycock	Pine Spring	Westgate
Belvedere	Fairhill	Kent Gardens	Shreveewood	Westlawn
Braddock	Franklin Sherman	Lemon Road	Sleepy Hollow	Weyanoke
Bren Mar Park	Freedom Hill	Mason Crest	Stenwood	Woodburn



Note: Based on 2020-21 school year boundaries.

REGION 2

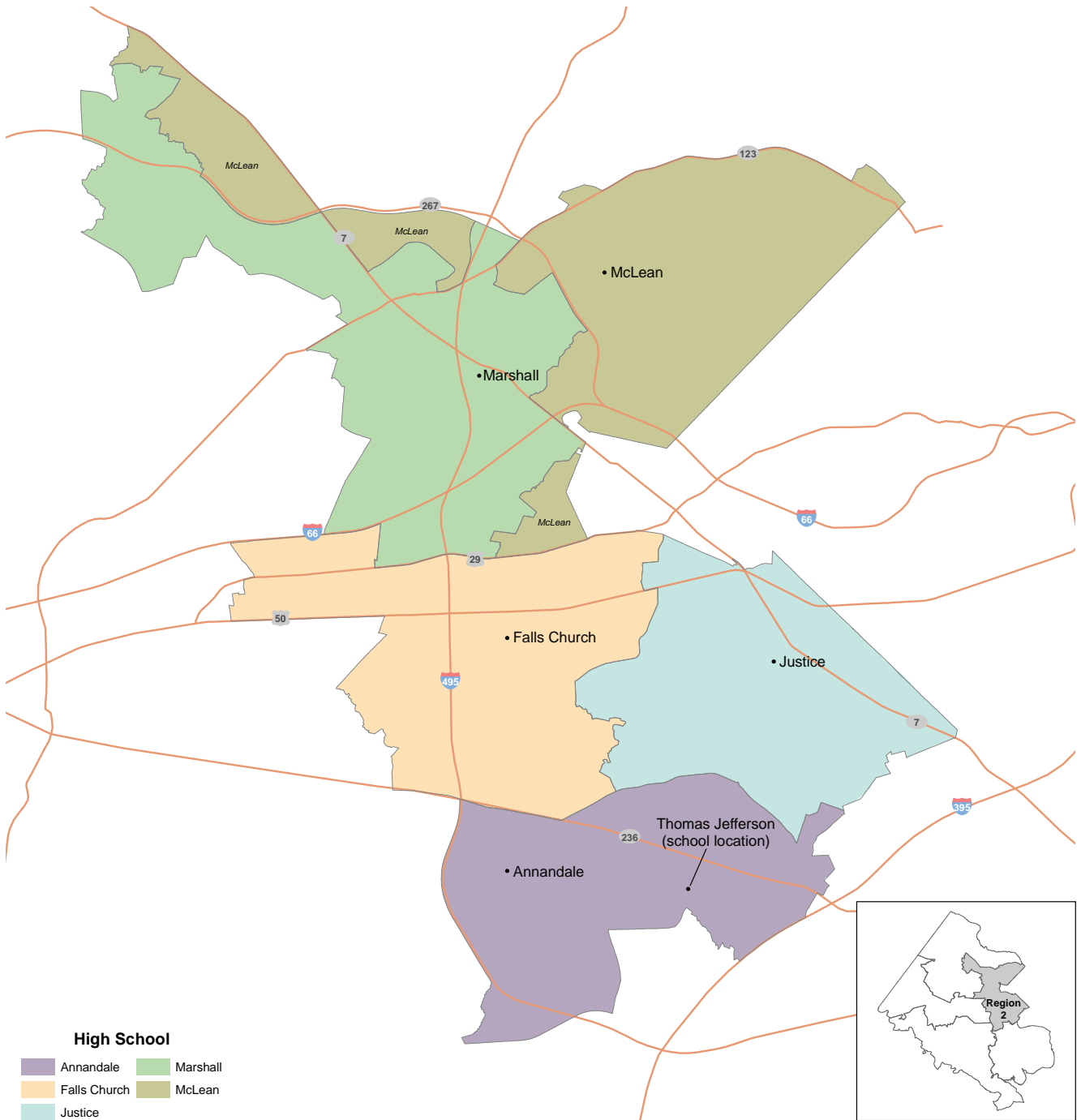


Note: Based on 2020-21 school year boundaries.

REGION 2 HIGH SCHOOL BOUNDARIES

SY 2020-21

100



Note: Based on 2020-21 school year boundaries.



POTENTIAL SOLUTIONS

The following is a list of potential solutions to consider to alleviate current and projected school capacity deficit(s). For consideration purposes, as many options as possible have been identified for each school, in no significant order and may be contingent on other potential solutions listed. Any option(s) chosen for implementation will be discussed and decided through a transparent process with the appropriate stakeholders, in accordance with School Board Policies and Regulations.

- A. Increase efficiency by reassigning instructional spaces within a school to accommodate increase in membership.
- B. Possible program changes.
- C. Minor interior facility modifications to create additional instructional space and help to accommodate capacity deficit.
- D. Add temporary classrooms to accommodate short-term capacity deficit.
- E. Repurpose existing inventory of school facilities not currently being used as schools or build a new school facility.
- F. Capacity enhancement through either a modular or building addition.
- G. Utilize existing space on a school site currently used by non-school programs.
- H. Potential boundary adjustment with schools having a capacity surplus.

Schools in Construction

The following table lists the schools that are in construction in the current year. The schools remain listed until the anticipated completion of the project. Construction projects include:

- Partial or full renovation of the existing school building. A renovation can result in an increase or decrease of design capacity due to restructuring of uses to provide efficient instructional spaces per the educational specifications.
- Replacement of modular building with a permanent structure that adjoins the existing school building. This type of renovation can result in an increase or decrease in design capacity due to restructuring of uses to provide efficient instructional spaces per the educational specifications.
- Permanent and adjoining building addition with minor modification to the existing building. Additions typically result in an increase of design capacity of a school.
- Modular building addition on a school site. This addition typically results in an increase of design capacity of a school.

Monitoring Student Membership

The following table lists the schools that are monitored for membership in the current school year. Based on the current and projected membership and current program capacity, these schools do not show a capacity deficit, but are monitored to ensure accommodation of unexpected population changes through solutions listed above.

Schools with Modular Additions

The Capacity, Membership, and Capacity Utilization section of the CIP lists the school capacity and utilization percentage of the schools with and without a modular addition. Modular additions have been added as a capacity solution for schools with substantial growth due to program changes or development in the area. Considering these schools without the capacity of the modular addition typically results in a significant capacity deficit and would require additional capacity solutions. These solutions are capacity enhancement through a building addition or potential boundary adjustment with schools having a capacity surplus.

REGION	PYRAMID	LEVEL	SCHOOL	POTENTIAL SOLUTIONS
2	Annandale	HS	Annandale	Monitor student membership
2	Annandale	MS	Holmes	Monitor student membership
2	Annandale	MS	Poe	Monitor student membership
2	Annandale	ES	Annandale Terrace	Monitor student membership
2	Annandale	ES	Braddock	Renovation in Construction A, B, G, H
2	Annandale	ES	Bren Mar Park	A, B, C
2	Annandale	ES	Columbia	A, B
2	Annandale	ES	Mason Crest	Monitor student membership
2	Annandale	ES	North Springfield	Monitor student membership
2	Annandale	ES	Weyanoke	Monitor student membership
2	Falls Church	HS	Falls Church	Renovation in Planning A, B, D, F, H
2	Falls Church	MS	Jackson	Monitor student membership
2	Falls Church	ES	Camelot	Monitor student membership
2	Falls Church	ES	Fairhill	A, B, C, E, G, H
2	Falls Church	ES	Graham Road	Monitor student membership
2	Falls Church	ES	Pine Spring	A, B, C, E, F, G, H
2	Falls Church	ES	Westlawn	A, B, E, G, H
2	Falls Church	ES	Woodburn	A, C, E, G, H
2	Justice	HS	Justice	Addition in Construction A, C, F, H
2	Justice	MS	Glasgow	A
2	Justice	ES	Bailey's	Monitor student membership
2	Justice	ES	Bailey's Upper	Monitor student membership
2	Justice	ES	Beech Tree	Monitor student membership
2	Justice	ES	Belvedere	Monitor student membership
2	Justice	ES	Glen Forest	A, B, C, H
2	Justice	ES	Parklawn	Monitor student membership
2	Justice	ES	Sleepy Hollow	Monitor student membership
2	Marshall	HS	Marshall	Monitor student membership
2	Marshall	MS	Kilmer	A, F, H
2	Marshall	ES	Freedom Hill	Monitor student membership
2	Marshall	ES	Lemon Road	B, D, E, G, H
2	Marshall	ES	Shrevewood	B, D, E, F, H
2	Marshall	ES	Stenwood	Monitor student membership
2	Marshall	ES	Westbriar	Monitor student membership
2	Marshall	ES	Westgate	Monitor student membership
2	McLean	HS	McLean	Modular in Construction A, D, H
2	McLean	MS	Longfellow	A, B, D, H
2	McLean	ES	Chesterbrook	Monitor student membership
2	McLean	ES	Franklin Sherman	Monitor student membership
2	McLean	ES	Haycock	A, B, C, D, E, G, H
2	McLean	ES	Kent Gardens	A, B, E, F, G, H
2	McLean	ES	Timber Lane	A, B
2		HS	Thomas Jefferson	Monitor student membership

SY 2020–21 Instructional and Special Education School Programs

PROGRAM ABBREVIATIONS:

FCPS PreK	PRE-KINDERGARTEN
EHS	EARLY HEAD START
ES/MS AAP	ELEMENTARY OR MIDDLE SCHOOL ADVANCED ACADEMIC PROGRAMS
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IB MYP/HS IB	INTERNATIONAL BACCALAUREATE MIDDLE YEARS PROGRAM/HIGH SCHOOL INTERNATIONAL BACCALAUREATE DIPLOMA PROGRAM
HS ACADEMY	HIGH SCHOOL ACADEMY
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SACC	SCHOOL AGE CHILD CARE
STEP	SECONDARY TRANSITION TO EMPLOYMENT PROGRAM
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NCRA	NONTRADITIONAL CAREER READINESS ACADEMY
TSRC	TRANSITION SUPPORT RESOURCE CENTER
ACE	ADULT AND COMMUNITY EDUCATION

¹ Public Day sites at Burke School, Cedar Lane School, Key Center, Kilmer Center, Pimmit Hills, and Quander Road School.

² Additional Nontraditional Schools include Adult Completion Programs (Fairfax County Adult HS at Plum Center, and Herndon West), and various programs housed in non-FCPS owned facilities in Herndon, Falls Church, Fairfax, Centreville, and Alexandria.

³ AHS at Justice HS and Herndon HS are evening satellite programs.

⁴ Additional NCRA at Spring Village.

⁵ Additional TSRC at Graham Road Community Building, and facilities not owned by FCPS in Annandale, Fairfax Courthouse Complex, Falls Church, and Reston.

⁶ Additional ACE at Graham Road Community Building and Fairfax County Adult High School at Plum Center.

⁷ SACC program is run by the Fairfax County Government, not FCPS. Numbers include SACC in dedicated classrooms. SACC in temporary classrooms or open resource spaces are not included in this count. Additional SACC at Graham Road Community Building.

⁸ Governor's School.

Y - Accepts students from inside and outside school boundary.

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REGION 2

SY 2020-21 CAPACITY AND MEMBERSHIP | REGION 2 by Pyramid

FACILITY	CAPACITY						CAPITAL PROJECT INFORMATION								
	SY 2019-20			SY 2020-21			PROJECT TYPE	PROJECT STATUS	PROJECT FUNDING	PROJECT SCHEDULE					
	DESIGN CAPACITY	PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM	MODULAR CLASSROOM				FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26
Annandale HS	2,562	2,561	2,171	2,199	8	14	-	-	-	-	-	-	-	-	-
Holmes MS	1,176	1,148	984	968	-	-	-	-	-	-	-	-	-	-	-
Poe MS	1,356	1,341	995	975	5	-	-	-	-	-	-	-	-	-	-
Annandale Terrace ES ³	980 / 750	778	641	608	13	-	Renovation	Completed	2015, 2017 Bonds						
Braddock ES ³	1,176 / 900	934	888	820	10	10	Renovation	In Construction	2017, 2019 Bonds						
Bren Mar Park ES ²	668	480	494	478	11	-	Renovation	Unfunded	-						
Columbia ES	504	452	468	409	6	-	-	-	-						
Mason Crest ES ²	1,064	666	600	572	-	-	-	-	-						
North Springfield ES	782	639	537	445	-	-	-	-	-						
Weyanoke ES ²	828	681	583	547	3	-	-	-	-						

ANNANDALE HS

FACILITY	CAPACITY						CAPITAL PROJECT INFORMATION								
	SY 2019-20			SY 2020-21			PROJECT TYPE	PROJECT STATUS	PROJECT FUNDING	PROJECT SCHEDULE					
	DESIGN CAPACITY	PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM	MODULAR CLASSROOM				FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26
Falls Church HS ³	1,962	1,961	2,034	1,960	8	-	Renovation	In Permitting	2017 Bond (Design)						
Jackson MS ^{1,4}	1,314	1,231	1,038	1,074	6	-	-	-	-						
Camelot ES ²	764	758	621	558	2	-	-	-	-						
Fairhill ES ²	672	604	576	525	6	-	-	-	-						
Graham Road ES ²	616	508	418	391	4	-	-	-	-						
Pine Spring ES	724	586	629	579	10	-	-	-	-						
Westlawn ES	912	792	815	797	4	-	-	-	-						
Woodburn ES	588	486	542	503	7	-	-	-	-						

FALLS CHURCH HS

FACILITY	CAPACITY						CAPITAL PROJECT INFORMATION								
	SY 2019-20			SY 2020-21			PROJECT TYPE	PROJECT STATUS	PROJECT FUNDING	PROJECT SCHEDULE					
	DESIGN CAPACITY	PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM	MODULAR CLASSROOM				FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26
Justice HS ³	1,994 / 2,500	1,991	2,319	2,215	-	-	Addition	In Permitting	2017, 2019 Bonds						
Glasgow MS ⁴	1,959	1,926	1,906	1,929	-	10	-	-	-						
Bailey's ES ²	1,360	897	839	791	4	10	-	-	-						
Bailey's Upper ES	812	718	552	526	-	-	-	-	-						
Beech Tree ES ²	592	488	382	347	-	-	-	-	-						
Belvedere ES ^{2,4}	840	669	633	569	6	-	-	-	-						
Glen Forest ES	1,344	1,076	1,092	1,075	12	17	-	-	-						
Parklawn ES ²	1,192	780	669	671	7	10	-	-	-						
Sleepy Hollow ES	594	492	424	387	5	-	-	-	-						

JUSTICE HS

FACILITY	CAPACITY						CAPITAL PROJECT INFORMATION									
	SY 2019-20			SY 2020-21			PROJECT TYPE	PROJECT STATUS	PROJECT FUNDING			PROJECT SCHEDULE				
	PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM	MEMBERSHIP	MEMBERSHIP			FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26	FY27 SY26-27	
SCHOOL	DESIGN CAPACITY															
Marshall HS	2,334	2,333	2,134	2,075	-	12	-	-	-	-	-	-	-	-	-	-
Kilmer MS ⁴	1,152	1,146	1,146	1,143	14	-	-	-	-	-	-	-	-	-	-	-
Freedom Hill ES ²	672	650	586	506	4	-	-	-	-	-	-	-	-	-	-	-
Lemon Road ES ⁴	616	583	598	529	2	-	-	-	-	-	-	-	-	-	-	-
Shreveport ES	728	655	771	719	7	-	-	-	-	-	-	-	-	-	-	-
Stenwood ES	596	577	562	531	2	-	-	-	-	-	-	-	-	-	-	-
Westbriar ES ⁴	1,036	997	902	834	-	-	-	-	-	-	-	-	-	-	-	-
Westgate ES ²	790	700	576	575	-	-	-	-	-	-	-	-	-	-	-	-

FACILITY	CAPACITY						CAPITAL PROJECT INFORMATION									
	SY 2019-20			SY 2020-21			PROJECT TYPE	PROJECT STATUS	PROJECT FUNDING			PROJECT SCHEDULE				
	PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM	MEMBERSHIP	MEMBERSHIP			FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26	FY27 SY26-27	
SCHOOL	DESIGN CAPACITY															
McLean HS	1,993 / 2,343	1,992	2,350	2,292	18	-	-	-	-	-	-	-	-	-	-	-
Longfellow MS ⁴	1,374	1,374	1,334	1,336	2	-	-	-	-	-	-	-	-	-	-	-
Chesterbrook ES	700	667	632	565	4	-	-	-	-	-	-	-	-	-	-	-
Franklin Sherman ES	504	440	366	302	-	-	-	-	-	-	-	-	-	-	-	-
Haycock ES ⁴	932	902	972	884	4	-	-	-	-	-	-	-	-	-	-	-
Kent Gardens ES	896	848	1,047	1,016	11	-	-	-	-	-	-	-	-	-	-	-
Timber Lane ES	868	688	657	588	2	-	-	-	-	-	-	-	-	-	-	-

FACILITY	CAPACITY						CAPITAL PROJECT INFORMATION									
	SY 2019-20			SY 2020-21			PROJECT TYPE	PROJECT STATUS	PROJECT FUNDING			PROJECT SCHEDULE				
	PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM	MEMBERSHIP	MEMBERSHIP			FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26	FY27 SY26-27	
SCHOOL	DESIGN CAPACITY															
Thomas Jefferson HS ⁵	2,165	2,164	1,809	1,809	-	-	-	-	-	-	-	-	-	-	-	-

¹ Boundary study impact. Schools currently going through phased-in boundary changes.

² Program change impact. Schools adding or removing new instructional or special education programs. Program capacity is also highlighted in pink to indicate program change.

³ Facility change impact. School going through renovation or having completed renovation in the current school year.

⁴ General education and AAP center school.

⁵ School does not follow typical feeder pattern.

Sources: FCPS, Certified Membership, September 2019 to September 2020; FCPS, Facilities Planning Services, Capacity and Utilization Surveys, SY 2019-20; FCPS, Design and Construction, Trailer Asset Report, October 2020.

Notes:

1. A guide to understanding the information on these tables can be found at the beginning of the Region Summaries section.

2. Membership numbers include general education, special education, AAP, FCPS PreK, and preschool.

3. Membership numbers do not include adult education, multiagency, and home school and private school special education services.

4. For schools with utilization percentage in red, refer to Potential Capacity Solutions table for this region.

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6. Pre-construction program capacity is used for schools currently in construction.

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Planning

Permitting

Construction

REGION 3 ELEMENTARY SCHOOL BOUNDARIES

SY 2020-21



Elementary School

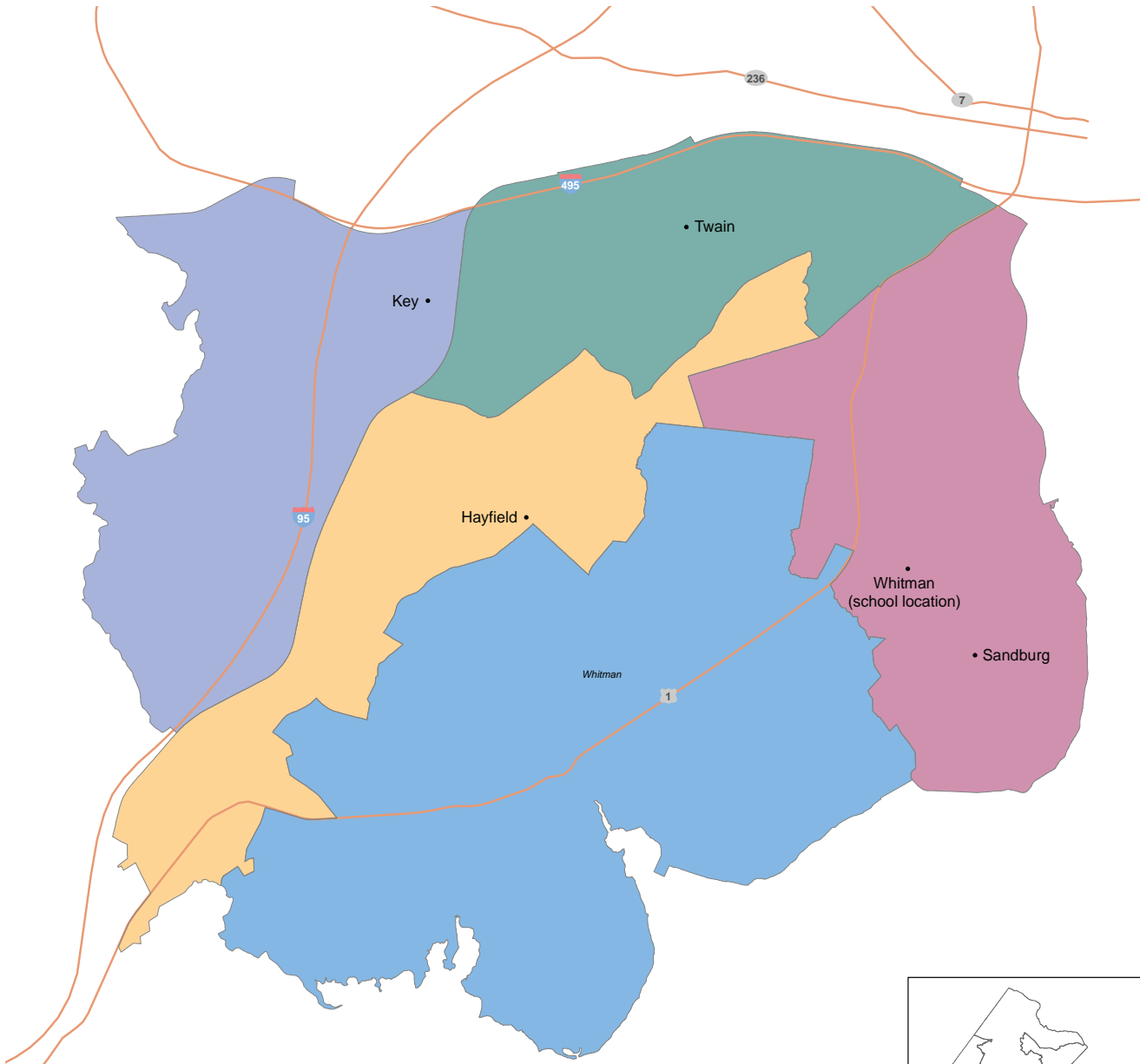
Belle View	Fort Hunt	Island Creek	Saratoga
Bucknell	Franconia	Lane	Springfield Estates
Bush Hill	Garfield	Lorton Station	Stratford Landing
Cameron	Groveton	Lynbrook	Washington Mill
Clermont	Gunston	Mount Eagle	Waynewood
Crestwood	Hayfield	Mount Vernon Woods	Woodlawn
Forestdale	Hollin Meadows	Riverside	Woodley Hills
Fort Belvoir Primary & Fort Belvoir Upper	Hybla Valley	Rose Hill	

Note: Based on 2020-21 school year boundaries.



REGION 3 MIDDLE SCHOOL BOUNDARIES

SY 2020-21



Middle School

- Hayfield
- Twain
- Key
- Whitman
- Sandburg

Note: Based on 2020-21 school year boundaries.

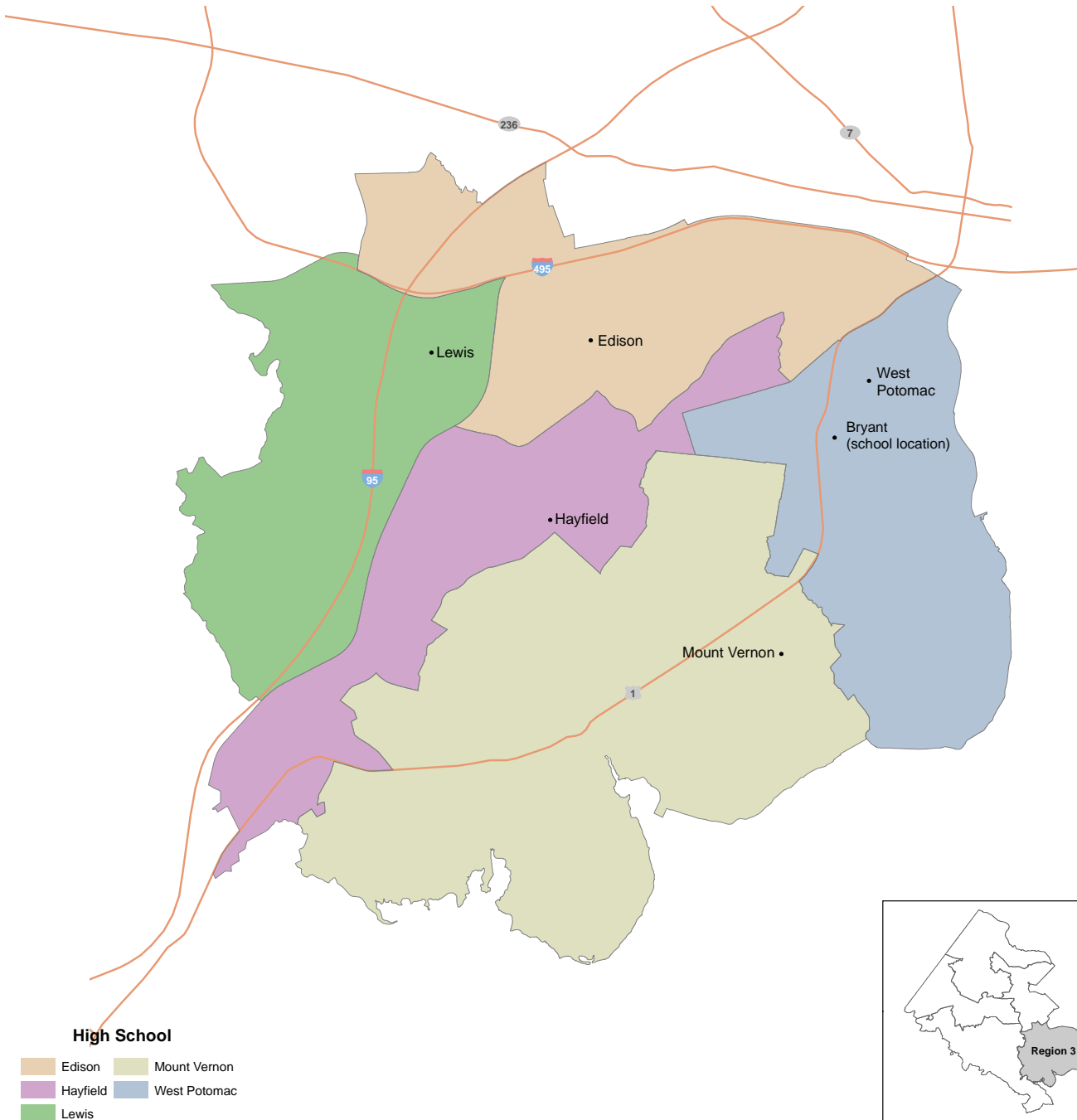


REGION 3

REGION 3 HIGH SCHOOL BOUNDARIES

SY 2020-21

110



Note: Based on 2020-21 school year boundaries.



McNAIR UPPER ELEMENTARY SCHOOL
2412 GORDON HILL ROAD

POTENTIAL SOLUTIONS

The following is a list of potential solutions to consider to alleviate current and projected school capacity deficit(s). For consideration purposes, as many options as possible have been identified for each school, in no significant order and may be contingent on other potential solutions listed. Any option(s) chosen for implementation will be discussed and decided through a transparent process with the appropriate stakeholders, in accordance with School Board Policies and Regulations.

- A. Increase efficiency by reassigning instructional spaces within a school to accommodate increase in membership.
- B. Possible program changes.
- C. Minor interior facility modifications to create additional instructional space and help to accommodate capacity deficit.
- D. Add temporary classrooms to accommodate short-term capacity deficit.
- E. Repurpose existing inventory of school facilities not currently being used as schools or build a new school facility.
- F. Capacity enhancement through either a modular or building addition.
- G. Utilize existing space on a school site currently used by non-school programs.
- H. Potential boundary adjustment with schools having a capacity surplus.

Schools in Construction

The following table lists the schools that are in construction in the current year. The schools remain listed until the anticipated completion of the project. Construction projects include:

- Partial or full renovation of the existing school building. A renovation can result in an increase or decrease of design capacity due to restructuring of uses to provide efficient instructional spaces per the educational specifications.
- Replacement of modular building with a permanent structure that adjoins the existing school building. This type of renovation can result in an increase or decrease in design capacity due to restructuring of uses to provide efficient instructional spaces per the educational specifications.
- Permanent and adjoining building addition with minor modification to the existing building. Additions typically result in an increase of design capacity of a school.
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Monitoring Student Membership

The following table lists the schools that are monitored for membership in the current school year. Based on the current and projected membership and current program capacity, these schools do not show a capacity deficit, but are monitored to ensure accommodation of unexpected population changes through solutions listed above.

Schools with Modular Additions

The Capacity, Membership, and Capacity Utilization section of the CIP lists the school capacity and utilization percentage of the schools with and without a modular addition. Modular additions have been added as a capacity solution for schools with substantial growth due to program changes or development in the area. Considering these schools without the capacity of the modular addition typically results in a significant capacity deficit and would require additional capacity solutions. These solutions are capacity enhancement through a building addition or potential boundary adjustment with schools having a capacity surplus.

REGION	PYRAMID	LEVEL	SCHOOL	POTENTIAL SOLUTIONS
3	Edison	HS	Edison	A, B, C, H
3	Edison	MS	Twain	A, B, F, H
3	Edison	ES	Bush Hill	Monitor student membership
3	Edison	ES	Cameron	Monitor student membership
3	Edison	ES	Clermont	Monitor student membership
3	Edison	ES	Franconia	A, B, D, F, H
3	Edison	ES	Mount Eagle	Monitor student membership
3	Edison	ES	Rose Hill	Monitor student membership
3	Hayfield	HS	Hayfield	A
3	Hayfield	MS	Hayfield	Monitor student membership
3	Hayfield	ES	Gunston	Monitor student membership
3	Hayfield	ES	Hayfield	Monitor student membership
3	Hayfield	ES	Island Creek	Monitor student membership
3	Hayfield	ES	Lane	Monitor student membership
3	Hayfield	ES	Lorton Station	Monitor student membership
3	Lewis	HS	Lewis	Monitor student membership
3	Lewis	MS	Key	Monitor student membership
3	Lewis	ES	Crestwood	Monitor student membership
3	Lewis	ES	Forestdale	Monitor student membership
3	Lewis	ES	Garfield	Monitor student membership
3	Lewis	ES	Lynbrook	Monitor student membership
3	Lewis	ES	Saratoga	Monitor student membership
3	Lewis	ES	Springfield Estates	Monitor student membership
3	Mount Vernon	HS	Mount Vernon	Monitor student membership
3	Mount Vernon	MS	Whitman	Monitor student membership
3	Mount Vernon	ES	Fort Belvoir Primary	Monitor student membership
3	Mount Vernon	ES	Fort Belvoir Upper	Monitor student membership
3	Mount Vernon	ES	Mount Vernon Woods	Monitor student membership
3	Mount Vernon	ES	Riverside	Monitor student membership
3	Mount Vernon	ES	Washington Mill	Renovation in Construction
3	Mount Vernon	ES	Woodlawn	Monitor student membership
3	Mount Vernon	ES	Woodley Hills	Monitor student membership
3	West Potomac	HS	West Potomac	Addition in Construction A, F, H
3	West Potomac	MS	Sandburg	A, B, C, D, H
3	West Potomac	ES	Belle View	Monitor student membership
3	West Potomac	ES	Bucknell	Monitor student membership
3	West Potomac	ES	Fort Hunt	Monitor student membership
3	West Potomac	ES	Groveton	Monitor student membership
3	West Potomac	ES	Hollin Meadows	Monitor student membership
3	West Potomac	ES	Hybla Valley	Renovation in Construction
3	West Potomac	ES	Stratford Landing	Monitor student membership
3	West Potomac	ES	Waynehood	A, D, G, H

REGION 3

SY 2020–21 Instructional and Special Education School Programs

PROGRAM ABBREVIATIONS:

FCPS PreK	PRE-KINDERGARTEN
EHS	EARLY HEAD START
ES/MS AAP	ELEMENTARY OR MIDDLE SCHOOL ADVANCED ACADEMIC PROGRAMS
FLES/LITC	FOREIGN LANGUAGE IN THE ELEMENTARY SCHOOL/LANGUAGE THROUGH CONTENT PROGRAM
HS AP	HIGH SCHOOL ADVANCED PLACEMENT
IB MYP/HS IB	INTERNATIONAL BACCALAUREATE MIDDLE YEARS PROGRAM/HIGH SCHOOL INTERNATIONAL BACCALAUREATE DIPLOMA PROGRAM
HS ACADEMY	HIGH SCHOOL ACADEMY
ECCB	EARLY CHILDHOOD CLASS-BASED
PAC	PRESCHOOL AUTISM CLASS
AUT	AUTISM
CSS	COMPREHENSIVE SERVICES SITE
ID	INTELLECTUAL DISABILITIES
IDS	INTELLECTUAL DISABILITIES SEVERE
DHOH	DEAF OR HARD OF HEARING
BVI	BLIND AND VISUALLY IMPAIRED
PD	PHYSICAL DISABILITIES
SACC	SCHOOL AGE CHILD CARE
STEP	SECONDARY TRANSITION TO EMPLOYMENT PROGRAM
AHS	FAIRFAX COUNTY ADULT HIGH SCHOOL
AIM	ACHIEVEMENT, INTEGRITY, AND MATURITY PROGRAM
ALC	ALTERNATIVE LEARNING CENTERS
NCRA	NONTRADITIONAL CAREER READINESS ACADEMY
TSRC	TRANSITION SUPPORT RESOURCE CENTER
ACE	ADULT AND COMMUNITY EDUCATION

¹ Public Day sites at Burke School, Cedar Lane School, Key Center, Kilmer Center, Pimmit Hills, and Quander Road School.

² Additional Nontraditional Schools include Adult Completion Programs (Fairfax County Adult HS at Plum Center, and Herndon West), and various programs housed in non-FCPS owned facilities in Herndon, Falls Church, Fairfax, Centreville, and Alexandria.

³ AHS at Justice HS and Herndon HS are evening satellite programs.

⁴ Additional NCRA at Spring Village.

⁵ Additional TSRC at Graham Road Community Building, and facilities not owned by FCPS in Annandale, Fairfax Courthouse Complex, Falls Church, and Reston.

⁶ Additional ACE at Graham Road Community Building and Fairfax County Adult High School at Plum Center.

⁷ SACC program is run by the Fairfax County Government, not FCPS. Numbers include SACC in dedicated classrooms. SACC in temporary classrooms or open resource spaces are not included in this count. Additional SACC at Graham Road Community Building.

⁸ Governor's School.

Y - Accepts students from inside and outside school boundary.

Y-SB - School-based students only.

Y-HI - Program for students with hearing impairment.

REGION 3

SY 2020-21 CAPACITY AND MEMBERSHIP | REGION 3 by Pyramid

FACILITY	DESIGN CAPACITY	CAPACITY				CAPITAL PROJECT INFORMATION											
		SY 2019-20		SY 2020-21		PROJECT TYPE	PROJECT STATUS	PROJECT FUNDING					PROJECT SCHEDULE				
		PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM			MODULAR CLASSROOM	FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26	FY27 SY26-27		
Edison HS	2,138	2,135	2,158	2,119	-	-	Renovation	-	-	-	-	-	-	-	-	-	
Twain MS ⁴	1,027	1,023	1,080	1,127	4	-	-	Unfunded	-	-	-	-	-	-	-	-	
Bush Hill ES ^{1,4}	926	794	590	595	-	10	-	-	-	-	-	-	-	-	-	-	
Cameron ES ²	1,012	630	517	487	-	8	-	-	-	-	-	-	-	-	-	-	
Clermont ES	624	616	609	552	-	-	-	-	-	-	-	-	-	-	-	-	
Franconia ES ²	616	549	590	556	4	-	-	-	-	-	-	-	-	-	-	-	
Mount Eagle ES	548	452	377	334	2	8	-	-	-	-	-	-	-	-	-	-	
Rose Hill ES	1,260	798	694	676	1	10	-	-	-	-	-	-	-	-	-	-	

EDISON HS

FACILITY	DESIGN CAPACITY	CAPACITY				CAPITAL PROJECT INFORMATION											
		SY 2019-20		SY 2020-21		PROJECT TYPE	PROJECT STATUS	PROJECT FUNDING					PROJECT SCHEDULE				
		PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM			MODULAR CLASSROOM	FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26	FY27 SY26-27		
Hayfield HS	2,249	2,245	2,081	2,115	-	-	-	-	-	-	-	-	-	-	-	-	
Hayfield MS ²	1,283	1,095	1,015	974	-	-	-	-	-	-	-	-	-	-	-	-	
Gunston ES	744	618	532	526	3	-	-	-	-	-	-	-	-	-	-	-	
Hayfield ES	840	798	773	686	2	-	-	-	-	-	-	-	-	-	-	-	
Island Creek ES ²	1,008	863	786	711	-	-	-	-	-	-	-	-	-	-	-	-	
Lane ES	1,008	845	756	721	-	-	-	-	-	-	-	-	-	-	-	-	
Lorton Station ES ⁴	1,036	864	824	764	10	-	-	-	-	-	-	-	-	-	-	-	

HAYFIELD HS

FACILITY	DESIGN CAPACITY	CAPACITY				CAPITAL PROJECT INFORMATION											
		SY 2019-20		SY 2020-21		PROJECT TYPE	PROJECT STATUS	PROJECT FUNDING					PROJECT SCHEDULE				
		PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM			MODULAR CLASSROOM	FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26	FY27 SY26-27		
Lewis HS	2,139	2,028	1,763	1,740	-	-	-	-	-	-	-	-	-	-	-	-	
Key MS	1,164	1,026	815	799	-	-	-	-	-	-	-	-	-	-	-	-	
Crestwood ES	924	708	619	555	9	10	-	-	-	-	-	-	-	-	-	-	
Forestdale ES	868	596	517	488	6	12	-	-	-	-	-	-	-	-	-	-	
Garfield ES	576	448	350	337	-	-	-	-	-	-	-	-	-	-	-	-	
Lynbrook ES	940	704	607	589	11	-	-	-	-	-	-	-	-	-	-	-	
Saratoga ES	1,048	804	668	598	4	-	Renovation	Unfunded	-	-	-	-	-	-	-	-	
Springfield Estates ES ^{1,4}	904	834	760	652	-	-	-	-	-	-	-	-	-	-	-	-	

LEWIS HS

FACILITY	SCHOOL	DESIGN CAPACITY	CAPACITY				CAPITAL PROJECT INFORMATION										
			SY 2019-20		SY 2020-21		PROJECT TYPE	PROJECT STATUS	PROJECT FUNDING			PROJECT SCHEDULE					
			PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM			MODULAR CLASSROOM	FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26	FY27 SY26-27	
	Mount Vernon HS	2,451	2,451	1,966	1,980	-	-	-	-	-	-	-	-	-	-	-	-
	Whitman MS	1,344	1,199	980	911	-	-	-	-	-	-	-	-	-	-	-	-
	Fort Belvoir Primary ES ²	1,540	1,064	934	549	-	-	-	-	-	-	-	-	-	-	-	-
	Fort Belvoir Upper ES ²	840	624	537	616	-	-	-	-	-	-	-	-	-	-	-	-
	Mount Vernon Woods ES	750	843	642	612	2	-	-	-	-	-	-	-	-	-	-	-
	Riverside ES ⁴	1,092	886	821	777	7	-	-	-	-	-	-	-	-	-	-	-
	Washington Mill ES ³	868 / 650	539	591	546	16	10	Renovation	In Construction	2017, 2019 Bonds	-	-	-	-	-	-	-
	Woodlawn ES ²	916	660	560	474	-	-	-	-	-	-	-	-	-	-	-	-
	Woodley Hills ES	1,064	733	555	493	-	-	-	-	-	-	-	-	-	-	-	-

MOUNT VERNON HS

FACILITY	SCHOOL	DESIGN CAPACITY	CAPACITY				CAPITAL PROJECT INFORMATION										
			SY 2019-20		SY 2020-21		PROJECT TYPE	PROJECT STATUS	PROJECT FUNDING			PROJECT SCHEDULE					
			PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM			MODULAR CLASSROOM	FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26	FY27 SY26-27	
	West Potomac HS ²	2,231 / 3,000	2,229	2,654	2,618	18	-	Addition	In Construction	2017, 2019 Bonds	-	-	-	-	-	-	-
	Sandburg MS ⁴	1,460	1,455	1,516	1,545	-	-	-	-	-	-	-	-	-	-	-	-
	Belle View ES ³	764 / 700	675	473	400	2	-	Renovation	Completed	2013, 2017 Bonds	-	-	-	-	-	-	-
	Bucknell ES ²	906	744	286	258	-	-	-	-	-	-	-	-	-	-	-	-
	Fort Hunt ES	812	756	594	513	-	-	-	-	-	-	-	-	-	-	-	-
	Groveton ES ²	1,064	878	765	715	4	10	-	-	-	-	-	-	-	-	-	-
	Hollin Meadows ES	888	782	688	624	-	-	-	-	-	-	-	-	-	-	-	-
	Hybla Valley ES ³	1,008 / 1,010	828	988	922	16	-	Renovation	In Construction	2017, 2019 Bonds	-	-	-	-	-	-	-
	Stratford Landing ES ^{2,4}	1,056	897	788	706	-	-	-	-	-	-	-	-	-	-	-	-
	Waynewood ES ²	792	753	773	671	-	-	-	-	-	-	-	-	-	-	-	-

WEST POTOMAC HS

FACILITY	SCHOOL	DESIGN CAPACITY	CAPACITY				CAPITAL PROJECT INFORMATION										
			SY 2019-20		SY 2020-21		PROJECT TYPE	PROJECT STATUS	PROJECT FUNDING			PROJECT SCHEDULE					
			PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM			MODULAR CLASSROOM	FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26	FY27 SY26-27	
	Bryant HS ⁵	-	-	266	200	7	-	-	-	-	-	-	-	-	-	-	-

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² Program change impact. Schools adding or removing new instructional or special education programs. Program capacity is also highlighted in pink to indicate program change.

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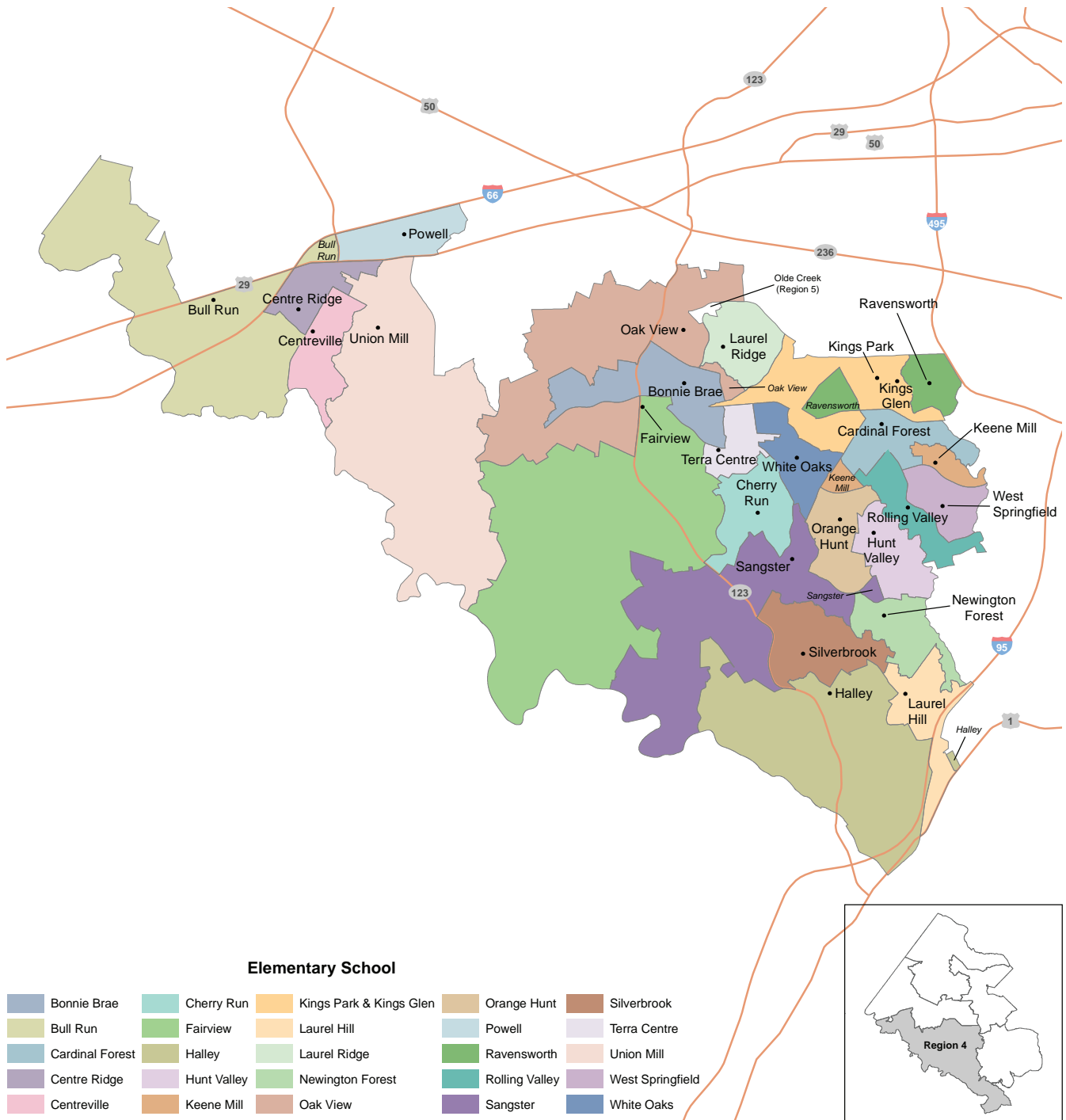
Planning

Permitting

Construction

REGION 4 ELEMENTARY SCHOOL BOUNDARIES SY 2020-21

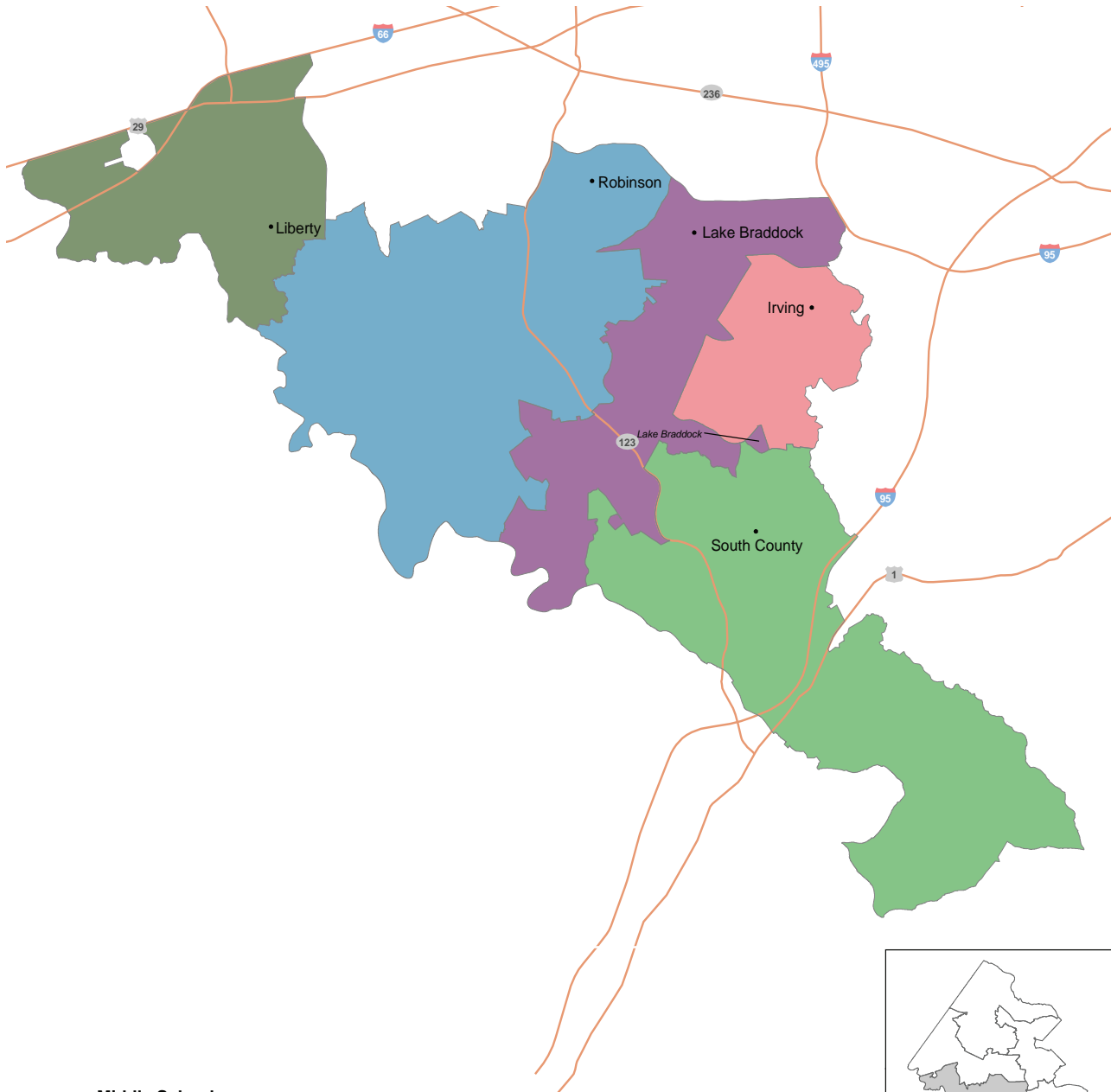
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Note: Based on 2020-21 school year boundaries.

REGION 4 MIDDLE SCHOOL BOUNDARIES

SY 2020-21



Middle School

- Irving
- Robinson
- Lake Braddock
- South County
- Liberty

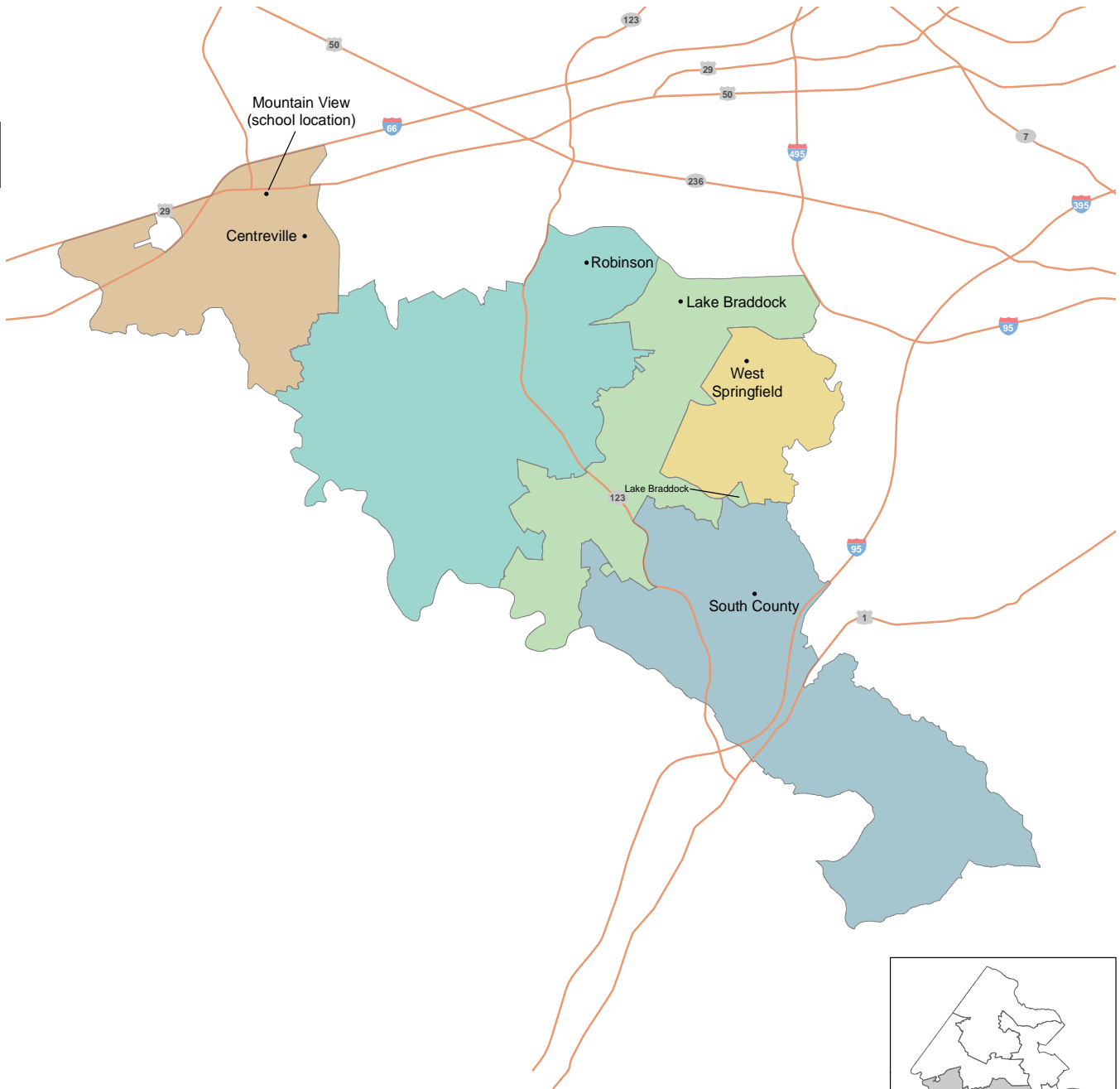
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REGION 4

REGION 4 HIGH SCHOOL BOUNDARIES

SY 2020-21

120



High School

- Centreville
- Robinson
- Lake Braddock
- South County
- West Springfield

Note: Based on 2020-21 school year boundaries.





POTENTIAL SOLUTIONS

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REGION	PYRAMID	LEVEL	SCHOOL	POTENTIAL SOLUTIONS
4	Centreville	HS	Centreville	A, B, C, H
4	Centreville	MS	Liberty	Monitor student membership
4	Centreville	ES	Bull Run	Monitor student membership
4	Centreville	ES	Centre Ridge	Monitor student membership
4	Centreville	ES	Centreville	Monitor student membership
4	Centreville	ES	Powell	Monitor student membership
4	Centreville	ES	Union Mill	Monitor student membership
4	Lake Braddock	HS	Lake Braddock	Monitor student membership
4	Lake Braddock	MS	Lake Braddock	Monitor student membership
4	Lake Braddock	ES	Cherry Run	Monitor student membership
4	Lake Braddock	ES	Kings Glen	Monitor student membership
4	Lake Braddock	ES	Kings Park	Monitor student membership
4	Lake Braddock	ES	Ravensworth	Monitor student membership
4	Lake Braddock	ES	Sangster	B, C, D, G, H
4	Lake Braddock	ES	White Oaks	Monitor student membership
4	Robinson	HS	Robinson	Monitor student membership
4	Robinson	MS	Robinson	A
4	Robinson	ES	Bonnie Brae	Renovation in Planning Monitor student membership
4	Robinson	ES	Fairview	A, B, C, D, F, H
4	Robinson	ES	Laurel Ridge	Monitor student membership
4	Robinson	ES	Oak View	Monitor student membership
4	Robinson	ES	Terra Centre	A, B, C, D, H
4	South County	HS	South County	Monitor student membership
4	South County	MS	South County	Monitor student membership
4	South County	ES	Halley	Monitor student membership
4	South County	ES	Laurel Hill	Monitor student membership
4	South County	ES	Newington Forest	Monitor student membership
4	South County	ES	Silverbrook	Monitor student membership
4	West Springfield	HS	West Springfield	A, D, H
4	West Springfield	MS	Irving	A, D, H
4	West Springfield	ES	Cardinal Forest	Monitor student membership
4	West Springfield	ES	Hunt Valley	Monitor student membership
4	West Springfield	ES	Keene Mill	A, B, D, G, H
4	West Springfield	ES	Orange Hunt	A, B, C, F, H
4	West Springfield	ES	Rolling Valley	Monitor student membership
4	West Springfield	ES	West Springfield	A, B, C, D

REGION 4

SY 2020–21 Instructional and Special Education School Programs

PROGRAM ABBREVIATIONS:

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HS AP	HIGH SCHOOL ADVANCED PLACEMENT
IB MYP/HS IB	INTERNATIONAL BACCALAUREATE MIDDLE YEARS PROGRAM/HIGH SCHOOL INTERNATIONAL BACCALAUREATE DIPLOMA PROGRAM
HS ACADEMY	HIGH SCHOOL ACADEMY
ECCB	EARLY CHILDHOOD CLASS-BASED
PAC	PRESCHOOL-AUTISM CLASS
AUT	AUTISM
CSS	COMPREHENSIVE SERVICES SITE
ID	INTELLECTUAL DISABILITIES
IDS	INTELLECTUAL DISABILITIES SEVERE
DHOH	DEAF OR HARD OF HEARING
BVI	BLIND AND VISUALLY IMPAIRED
PD	PHYSICAL DISABILITIES
SACC	SCHOOL AGE CHILD CARE
STEP	SECONDARY TRANSITION TO EMPLOYMENT PROGRAM
AHS	FAIRFAX COUNTY ADULT HIGH SCHOOL
AIM	ACHIEVEMENT, INTEGRITY, AND MATURITY PROGRAM
ALC	ALTERNATIVE LEARNING CENTERS
NCRA	NONTRADITIONAL CAREER READINESS ACADEMY
TSRC	TRANSITION SUPPORT RESOURCE CENTER
ACE	ADULT AND COMMUNITY EDUCATION

¹ Public Day sites at Burke School, Cedar Lane School, Key Center, Kilmer Center, Pimmit Hills, and Quander Road School.

² Additional Nontraditional Schools include Adult Completion Programs (Fairfax County Adult HS at Plum Center and Herndon West), and various programs housed in non-FCPS owned facilities in Herndon, Falls Church, Fairfax, Centreville, and Alexandria.

³ AHS at Justice HS and Herndon HS are evening satellite programs.

⁴ Additional NCRA at Spring Village.

⁵ Additional TSRC at Graham Road Community Building, and facilities not owned by FCPS in Annandale, Fairfax Courthouse Complex, Falls Church, and Reston.

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⁸ Governor's School.

Y - Accepts students from inside and outside school boundary.

Y-SB - School-based students only.

Y-HI - Program for students with hearing impairment.

REGION 4

SY 2020-21 CAPACITY AND MEMBERSHIP | REGION 4 by Pyramid

FACILITY	CAPACITY						CAPITAL PROJECT INFORMATION										
	SY 2019-20			SY 2020-21			PROJECT TYPE	PROJECT STATUS	PROJECT FUNDING	PROJECT SCHEDULE							
	DESIGN CAPACITY	PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM	MODULAR CLASSROOM				FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26	FY27 SY26-27	
SCHOOL																	
Centreville HS	2,143	2,141	2,608	2,599	14	8	Renovation	Unfunded	-								
Liberty MS	1,350	1,238	1,099	1,071	-	-	-	-	-								
Bull Run ES ^{2,4}	1,008	952	787	761	4	-	-	-	-								
Centre Ridge ES ²	1,008	852	786	738	6	-	Renovation	Unfunded	-								
Centreville ES ²	1,288	934	814	794	-	10	-	-	-								
Powell ES ²	1,288	1,038	958	929	-	10	-	-	-								
Union Mill ES	1,120	1,029	934	847	4	-	Renovation	Unfunded	-								

CENTREVILLE HS

FACILITY	CAPACITY						CAPITAL PROJECT INFORMATION										
	SY 2019-20			SY 2020-21			PROJECT TYPE	PROJECT STATUS	PROJECT FUNDING	PROJECT SCHEDULE							
	DESIGN CAPACITY	PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM	MODULAR CLASSROOM				FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26	FY27 SY26-27	
SCHOOL																	
Lake Braddock HS	3,124	3,118	2,800	2,784	-	-	-	-	-								
Lake Braddock MS ⁴	1,644	1,619	1,488	1,534	-	-	-	-	-								
Cherry Run ES ²	594	588	473	401	-	-	-	-	-								
Kings Glen ES	672	570	482	424	3	-	-	-	-								
Kings Park ES	940	708	656	567	2	-	-	-	-								
Ravensworth ES	662	639	586	562	-	-	-	-	-								
Sangster ES ⁴	1,008	975	1,005	887	5	-	Renovation	Unfunded	-								
White Oaks ES ^{2,4}	990	948	792	698	-	-	-	-	-								

LAKE BRADDOCK HS

FACILITY	CAPACITY						CAPITAL PROJECT INFORMATION										
	SY 2019-20			SY 2020-21			PROJECT TYPE	PROJECT STATUS	PROJECT FUNDING	PROJECT SCHEDULE							
	DESIGN CAPACITY	PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM	MODULAR CLASSROOM				FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26	FY27 SY26-27	
SCHOOL																	
Robinson HS ²	2,752	2,744	2,626	2,551	17	10	-	-	-								
Robinson MS	1,334	1,271	1,156	1,203	-	-	-	-	-								
Bonnie Brae ES ³	1,008 / 950	907	840	753	2	-	Renovation	In Design	2019 Bond (Design)								
Fairview ES	812	773	781	730	2	-	-	-	-								
Laurel Ridge ES	1,092	927	846	752	4	-	-	-	-								
Oak View ES	924	862	841	774	-	-	-	-	-								
Terra Centre ES ²	618	616	638	558	2	-	-	-	-								

ROBINSON HS

SOUTH COUNTY HS

FACILITY	CAPACITY						CAPITAL PROJECT INFORMATION							
	SY 2019-20			SY 2020-21			PROJECT TYPE	PROJECT STATUS	PROJECT FUNDING		PROJECT SCHEDULE			
	DESIGN CAPACITY	PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM	MODULAR CLASSROOM			FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26
South County HS	2,500	2,498	2,216	2,261	-	-	-	-	-	-	-	-	-	-
South County MS ⁴	1,410	1,324	1,049	1,053	-	-	-	-	-	-	-	-	-	-
Halley ES	1,008	737	604	596	-	-	-	-	-	-	-	-	-	-
Laurel Hill ES	1,064	895	805	752	2	-	-	-	-	-	-	-	-	-
Newington Forest ES ²	782	594	540	502	-	-	-	-	-	-	-	-	-	-
Silverbrook ES ³	896 / 970	854	820	763	1	-	Renovation	Completed	2015, 2017 Bonds	-	-	-	-	-

WEST SPRINGFIELD HS

FACILITY	CAPACITY						CAPITAL PROJECT INFORMATION							
	SY 2019-20			SY 2020-21			PROJECT TYPE	PROJECT STATUS	PROJECT FUNDING		PROJECT SCHEDULE			
	DESIGN CAPACITY	PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM	MODULAR CLASSROOM			FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26
West Springfield HS	2,505	2,486	2,382	2,485	-	-	-	-	-	-	-	-	-	-
Irving MS	1,152	1,152	1,116	1,194	-	-	-	-	-	-	-	-	-	-
Cardinal Forest ES ²	800	706	613	582	3	-	-	-	-	-	-	-	-	-
Hunt Valley ES	878	815	735	640	-	-	-	-	-	-	-	-	-	-
Keene Mill ES ⁴	784	766	822	784	2	-	-	-	-	-	-	-	-	-
Orange Hunt ES	952	901	981	893	8	-	-	-	-	-	-	-	-	-
Rolling Valley ES ²	784	651	613	591	4	-	-	-	-	-	-	-	-	-
West Springfield ES	680	618	586	562	3	-	-	-	-	-	-	-	-	-

FACILITY

FACILITY	CAPACITY						CAPITAL PROJECT INFORMATION							
	SY 2019-20			SY 2020-21			PROJECT TYPE	PROJECT STATUS	PROJECT FUNDING		PROJECT SCHEDULE			
	DESIGN CAPACITY	PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM	MODULAR CLASSROOM			FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26
Mountain View HS ⁵	-	-	255	139	-	-	-	-	-	-	-	-	-	-

¹ Boundary study impact. Schools currently going through phased-in boundary changes.

² Program change impact. Schools adding or removing new instructional or special education programs. Program capacity is also highlighted in pink to indicate program change.

³ Facility change impact. School going through renovation or having completed renovation in the current school year.

⁴ General education and AAP center school.

⁵ School does not follow typical feeder pattern.

Sources: FCPS, Certified Membership, September 2019 to September 2020; FCPS, Facilities Planning Services, Capacity and Utilization Surveys, SY 2019-20; FCPS, Design and Construction, Trailer Asset Report, October 2020.

Notes:

1. A guide to understanding the information on these tables can be found at the beginning of the Region Summaries section.
2. Membership numbers include general education, special education, AAP, FCPS PreK, and preschool.
3. Membership numbers do not include adult education, multiagency, and home school and private school special education services.
4. For schools with utilization percentage in red, refer to Potential Capacity Solutions table for this region.
5. Numbers highlighted in yellow are current and future design capacity after a renovation or capacity enhancement.
6. Pre-construction program capacity is used for schools currently in construction.
7. To view information pertaining to membership, facilities, and capacity, please visit the FCPS Facilities and Membership Dashboards at www.fcps.edu/membershipdashboards.

Planning

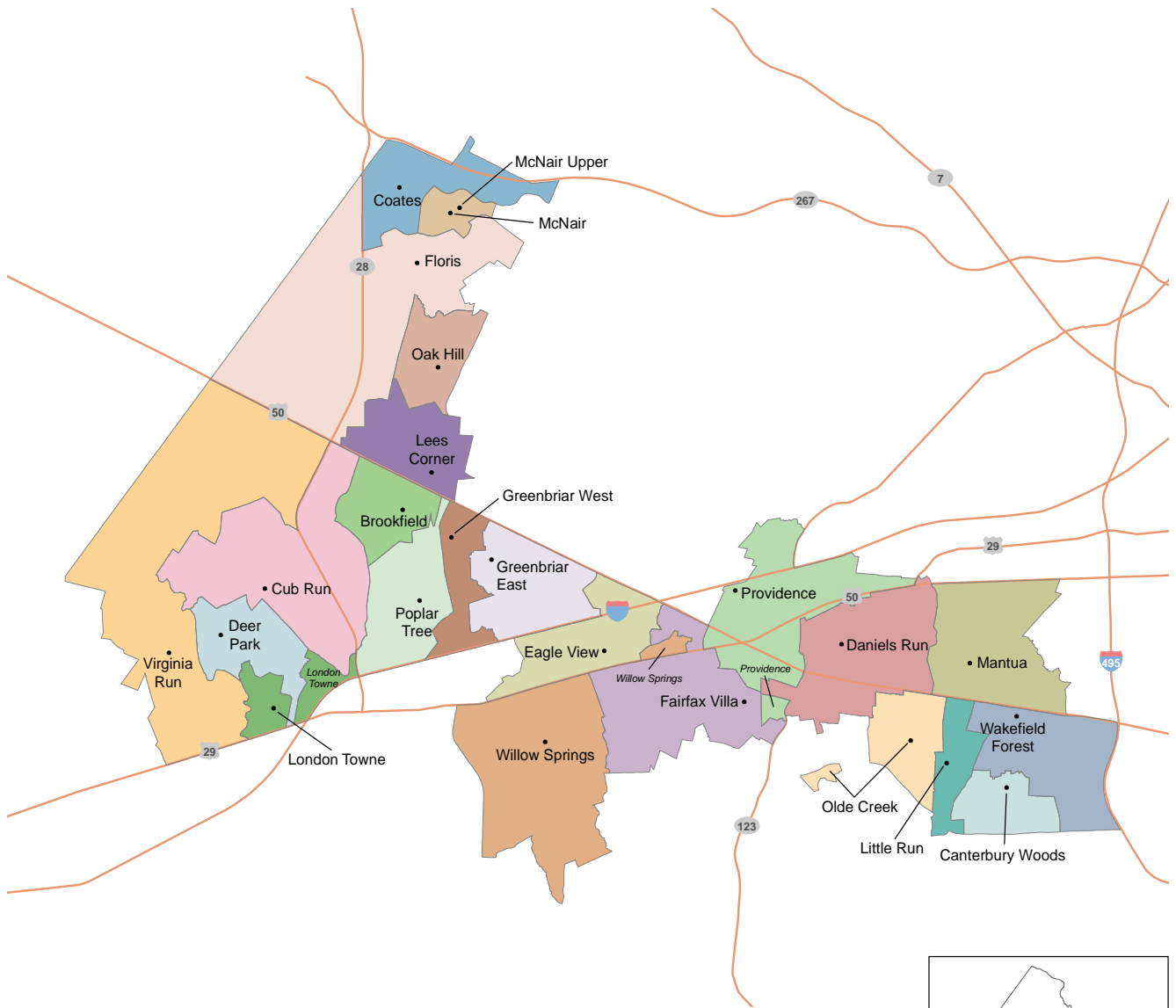
Permitting

Construction

REGION 4

REGION 5 ELEMENTARY SCHOOL BOUNDARIES

SY 2020-21



Elementary School

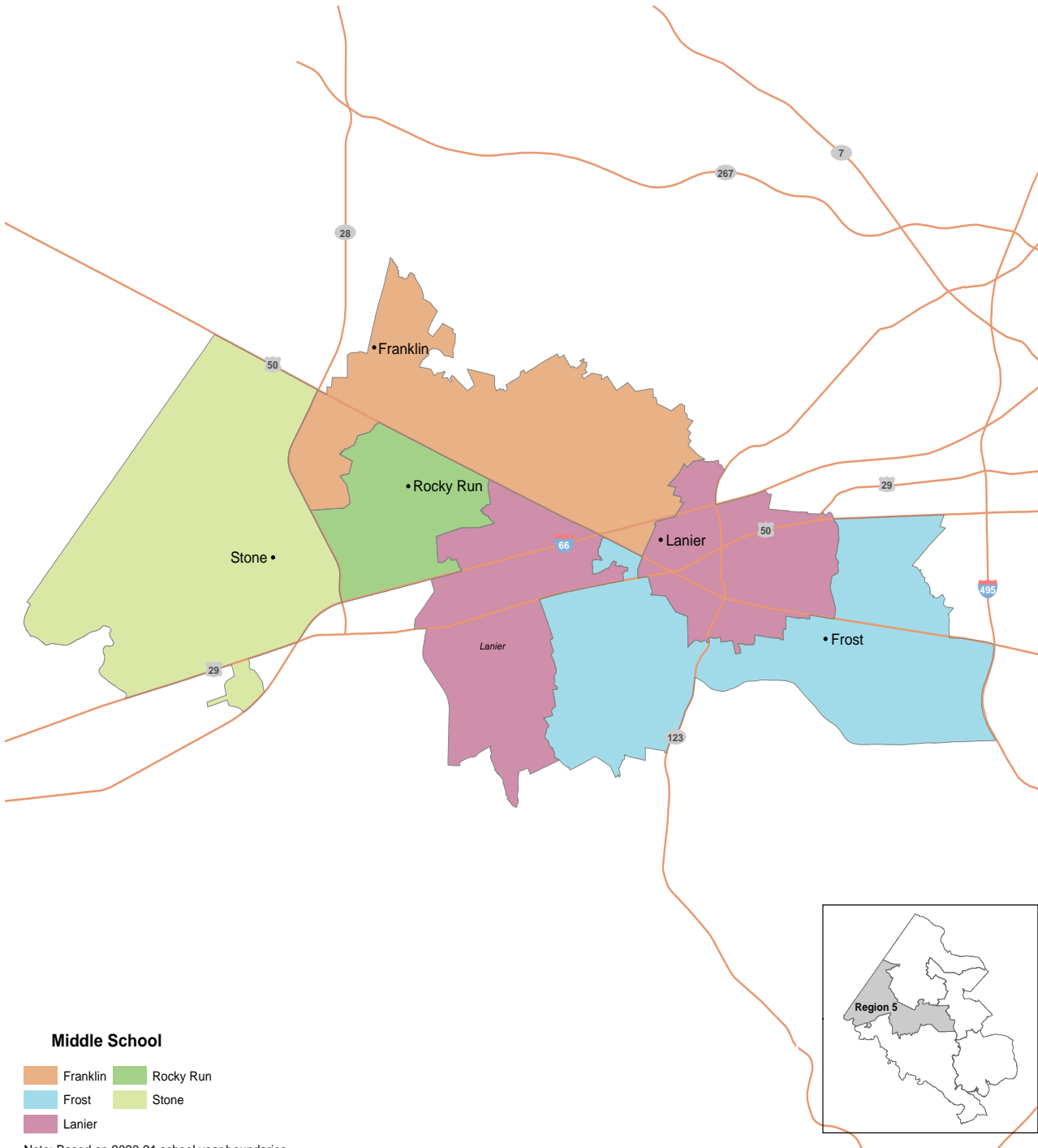
Brookfield	Deer Park	Greenbriar West	McNair & McNair Upper	Virginia Run
Canterbury Woods	Eagle View	Lees Corner	Oak Hill	Wakefield Forest
Coates	Fairfax Villa	Little Run	Olde Creek	Willow Springs
Cub Run	Floris	London Towne	Poplar Tree	
Daniels Run	Greenbriar East	Mantua	Providence	



Note: Based on 2020-21 school year boundaries.

REGION 5 MIDDLE SCHOOL BOUNDARIES

SY 2020-21



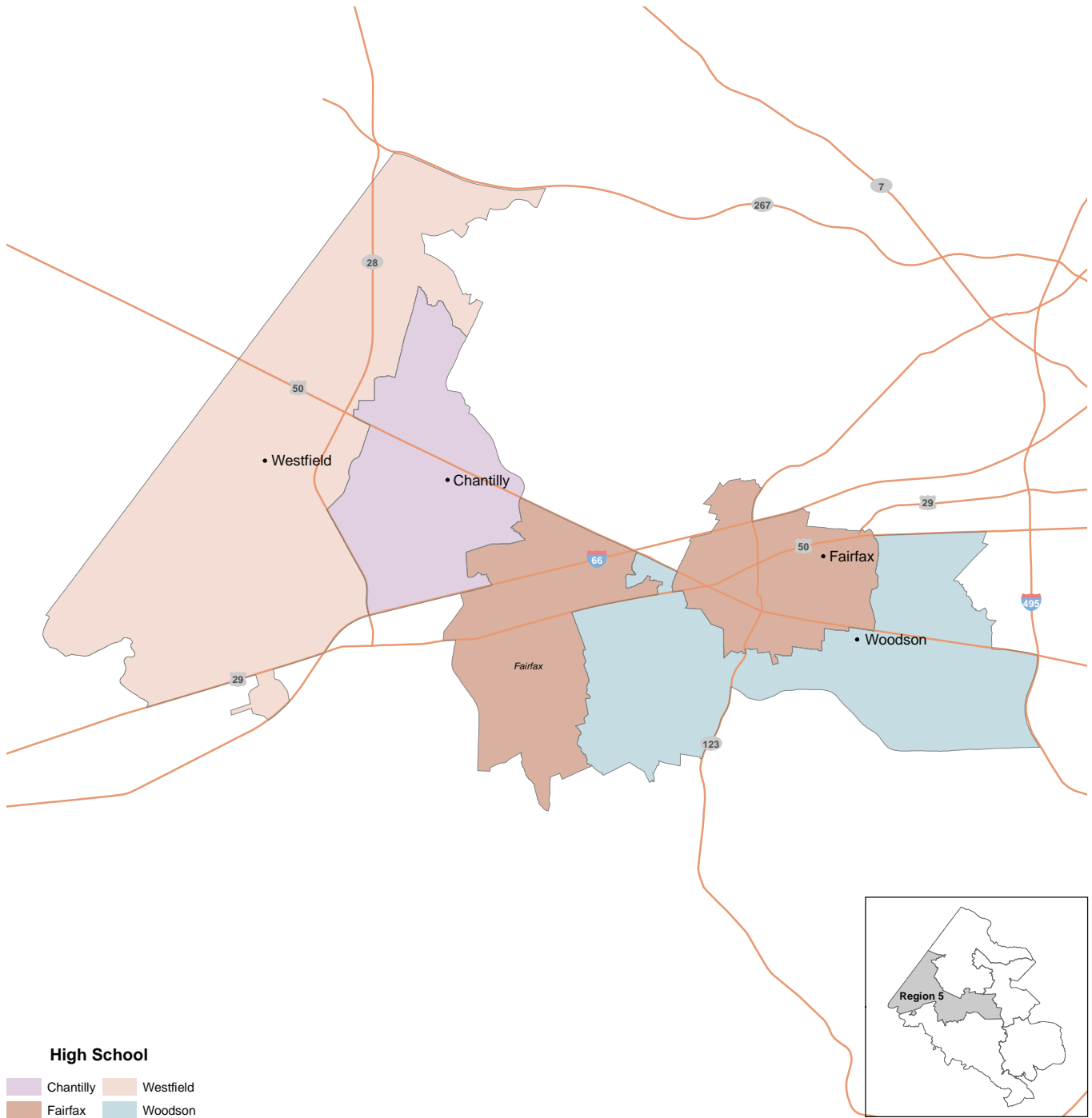
- Middle School**
- Franklin
 - Rocky Run
 - Frost
 - Stone
 - Lanier

Note: Based on 2020-21 school year boundaries.

REGION 5 HIGH SCHOOL BOUNDARIES

SY 2020-21

130





POTENTIAL SOLUTIONS

The following is a list of potential solutions to consider to alleviate current and projected school capacity deficit(s). For consideration purposes, as many options as possible have been identified for each school, in no significant order and may be contingent on other potential solutions listed. Any option(s) chosen for implementation will be discussed and decided through a transparent process with the appropriate stakeholders, in accordance with School Board Policies and Regulations.

- A. Increase efficiency by reassigning instructional spaces within a school to accommodate increase in membership.
- B. Possible program changes.
- C. Minor interior facility modifications to create additional instructional space and help to accommodate capacity deficit.
- D. Add temporary classrooms to accommodate short-term capacity deficit.
- E. Repurpose existing inventory of school facilities not currently being used as schools or build a new school facility.
- F. Capacity enhancement through either a modular or building addition.
- G. Utilize existing space on a school site currently used by non-school programs.
- H. Potential boundary adjustment with schools having a capacity surplus.

Schools in Construction

The following table lists the schools that are in construction in the current year. The schools remain listed until the anticipated completion of the project. Construction projects include:

- Partial or full renovation of the existing school building. A renovation can result in an increase or decrease of design capacity due to restructuring of uses to provide efficient instructional spaces per the educational specifications.
- Replacement of modular building with a permanent structure that adjoins the existing school building. This type of renovation can result in an increase or decrease in design capacity due to restructuring of uses to provide efficient instructional spaces per the educational specifications.
- Permanent and adjoining building addition with minor modification to the existing building. Additions typically result in an increase of design capacity of a school.
- Modular building addition on a school site. This addition typically results in an increase of design capacity of a school.

Monitoring Student Membership

The following table lists the schools that are monitored for membership in the current school year. Based on the current and projected membership and current program capacity, these schools do not show a capacity deficit, but are monitored to ensure accommodation of unexpected population changes through solutions listed above.

Schools with Modular Additions

The Capacity, Membership, and Capacity Utilization section of the CIP lists the school capacity and utilization percentage of the schools with and without a modular addition. Modular additions have been added as a capacity solution for schools with substantial growth due to program changes or development in the area. Considering these schools without the capacity of the modular addition typically results in a significant capacity deficit and would require additional capacity solutions. These solutions are capacity enhancement through a building addition or potential boundary adjustment with schools having a capacity surplus.

REGION	PYRAMID	LEVEL	SCHOOL	POTENTIAL SOLUTIONS
5	Chantilly	HS	Chantilly	A, B, C, D, E, F, H
5	Chantilly	MS	Franklin	Monitor student membership
5	Chantilly	MS	Rocky Run	Monitor student membership
5	Chantilly	ES	Brookfield	Monitor student membership
5	Chantilly	ES	Greenbriar East	Monitor student membership
5	Chantilly	ES	Greenbriar West	Monitor student membership
5	Chantilly	ES	Lees Corner	Monitor student membership
5	Chantilly	ES	Oak Hill	Renovation in Planning
5	Chantilly	ES	Poplar Tree	Monitor student membership
5	Fairfax	HS	Fairfax	A
5	Fairfax	MS	Lanier	Monitor student membership
5	Fairfax	ES	Daniels Run	Monitor student membership
5	Fairfax	ES	Eagle View	Monitor student membership
5	Fairfax	ES	Providence	A, B, E, G, H
5	Fairfax	ES	Willow Springs	A, B, C, F, H
5	Westfield	HS	Westfield	Monitor student membership
5	Westfield	MS	Stone	Monitor student membership
5	Westfield	ES	Coates	A, C
5	Westfield	ES	Cub Run	Monitor student membership
5	Westfield	ES	Deer Park	Monitor student membership
5	Westfield	ES	Floris	A, B, C, D, E, F, G, H
5	Westfield	ES	London Towne	Monitor student membership
5	Westfield	ES	McNair	Monitor student membership
5	Westfield	ES	McNair Upper	Monitor student membership
5	Westfield	HS	Virginia Run	Monitor student membership
5	Woodson	HS	Woodson	A, B, D, G, H
5	Woodson	MS	Frost	Renovation in Planning
5	Woodson	ES	Canterbury Woods	Monitor student membership
5	Woodson	ES	Fairfax Villa	Monitor student membership
5	Woodson	ES	Little Run	Monitor student membership
5	Woodson	ES	Mantua	Monitor student membership
5	Woodson	ES	Olde Creek	Monitor student membership
5	Woodson	ES	Wakefield Forest	Renovation in Planning

REGION 5

SY 2020–21 Instructional and Special Education School Programs

PROGRAM ABBREVIATIONS:

FCPS PreK	PRE-KINDERGARTEN
EHS	EARLY HEAD START
ES/MS AAP	ELEMENTARY OR MIDDLE SCHOOL ADVANCED ACADEMIC PROGRAMS
FLES/LTC	FOREIGN LANGUAGE IN THE ELEMENTARY SCHOOL/LANGUAGE THROUGH CONTENT PROGRAM
HS AP	HIGH SCHOOL ADVANCED PLACEMENT
IB MYP/HS IB	INTERNATIONAL BACCALAUREATE MIDDLE YEARS PROGRAM/HIGH SCHOOL INTERNATIONAL BACCALAUREATE DIPLOMA PROGRAM
HS ACADEMY	HIGH SCHOOL ACADEMY
ECCB	EARLY CHILDHOOD CLASS-BASED
PAC	PRESCHOOL-AUTISM CLASS
AUT	AUTISM
CSS	COMPREHENSIVE SERVICES SITE
ID	INTELLECTUAL DISABILITIES
IDS	INTELLECTUAL DISABILITIES SEVERE
DHOH	DEAF OR HARD OF HEARING
BVI	BLIND AND VISUALLY IMPAIRED
PD	PHYSICAL DISABILITIES
SACC	SCHOOL AGE CHILD CARE
STEP	SECONDARY TRANSITION TO EMPLOYMENT PROGRAM
AHS	FAIRFAX COUNTY ADULT HIGH SCHOOL
AIM	ACHIEVEMENT, INTEGRITY, AND MATURITY PROGRAM
ALC	ALTERNATIVE LEARNING CENTERS
NCRA	NONTRADITIONAL CAREER READINESS ACADEMY
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ACE	ADULT AND COMMUNITY EDUCATION

¹ Public Day sites at Burke School, Cedar Lane School, Key Center, Kilmer Center, Pimmit Hills, and Quander Road School.

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³ AHS at Justice HS and Herndon HS are evening satellite programs.

⁴ Additional NCRA at Spring Village.

⁵ Additional TSRC at Graham Road Community Building, and facilities not owned by FCPS in Annandale, Fairfax Courthouse Complex, Falls Church, and Reston.

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REGION 5

SY 2020-21 CAPACITY AND MEMBERSHIP | REGION 5 by Pyramid

FACILITY		CAPACITY						CAPITAL PROJECT INFORMATION								
		SY 2019-20			SY 2020-21			PROJECT TYPE	PROJECT STATUS	PROJECT FUNDING	PROJECT SCHEDULE					
		DESIGN CAPACITY	PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM	MODULAR CLASSROOM				FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26
SCHOOL		2,581	2,580	2,902	2,917	9	14	-	-	-	-	-	-	-	-	-
Chantilly HS ²		2,581	2,580	2,902	2,917	9	14	-	-	-	-	-	-	-	-	-
Franklin MS		1,215	964	893	906	-	-	Renovation	Unfunded	-	-	-	-	-	-	-
Rocky Run MS ^{3,4}		1,080 / 1,350	1,065	1,151	1,051	4	-	Renovation	Completed	2013, 2017 Bonds	-	-	-	-	-	-
Brookfield ES		1,036	886	823	727	5	-	Renovation	Unfunded	-	-	-	-	-	-	-
Greenbriar East ES ²		1,176	989	920	883	4	-	-	-	-	-	-	-	-	-	-
Greenbriar West ES ^{2,4}		924	876	744	683	6	-	-	-	-	-	-	-	-	-	-
Lees Corner ES		896	800	734	668	4	-	Renovation	Unfunded	-	-	-	-	-	-	-
Oak Hill ES ^{3,4}		1,064 / 850	976	843	735	2	6	Renovation	In Permitting	2017, 2019 Bonds	-	-	-	-	-	-
Poplar Tree ES ^{2,4}		896	794	730	638	3	-	Renovation	Unfunded	-	-	-	-	-	-	-

CHANTILLY HS

FACILITY		CAPACITY						CAPITAL PROJECT INFORMATION								
		SY 2019-20			SY 2020-21			PROJECT TYPE	PROJECT STATUS	PROJECT FUNDING	PROJECT SCHEDULE					
		DESIGN CAPACITY	PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM	MODULAR CLASSROOM				FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26
SCHOOL		2,416	2,407	2,336	2,313	8	-	-	-	-	-	-	-	-	-	-
Fairfax HS		2,416	2,407	2,336	2,313	8	-	-	-	-	-	-	-	-	-	-
Lanier MS ⁴		1,311	1,222	1,055	1,088	-	-	-	-	-	-	-	-	-	-	-
Daniels Run ES ²		980	786	758	726	2	-	-	-	-	-	-	-	-	-	-
Eagle View ES ²		1,008	747	642	596	-	-	-	-	-	-	-	-	-	-	-
Providence ES ²		1,092	910	908	867	2	-	-	-	-	-	-	-	-	-	-
Willow Springs ES ⁴		1,036	977	987	938	8	-	Renovation	Unfunded	-	-	-	-	-	-	-

FAIRFAX HS

FACILITY		CAPACITY						CAPITAL PROJECT INFORMATION								
		SY 2019-20			SY 2020-21			PROJECT TYPE	PROJECT STATUS	PROJECT FUNDING	PROJECT SCHEDULE					
		DESIGN CAPACITY	PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM	MODULAR CLASSROOM				FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26
SCHOOL		2,823	2,820	2,602	2,651	13	-	-	-	-	-	-	-	-	-	-
Westfield HS		2,823	2,820	2,602	2,651	13	-	-	-	-	-	-	-	-	-	-
Stone MS		1,104	930	772	744	1	-	-	-	-	-	-	-	-	-	-
Coates ES ²		868	728	743	731	8	-	-	-	-	-	-	-	-	-	-
Cub Run ES		874	624	547	550	4	-	Renovation	Unfunded	-	-	-	-	-	-	-
Deer Park ES		1,064	713	595	554	-	10	-	-	-	-	-	-	-	-	-
Floris ES		924	865	854	794	2	-	-	-	-	-	-	-	-	-	-
London Towne ES		1,204	986	831	788	2	10	-	-	-	-	-	-	-	-	-
McNair ES ^{2,4}		1,008 / 1,758	894	1,301	626	20	-	-	-	-	-	-	-	-	-	-
McNair Upper ES ^{3,4}		-	-	-	677	-	-	New School	Completed	2015, 2017 Bond	-	-	-	-	-	-
Virginia Run ES		1,008	780	679	641	3	-	Renovation	Unfunded	-	-	-	-	-	-	-

WESTFIELD HS

FACILITY		CAPACITY						CAPITAL PROJECT INFORMATION									
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		PROGRAM CAPACITY	MEMBERSHIP	MEMBERSHIP	TEMPORARY CLASSROOM	MEMBERSHIP	MODULAR CLASSROOM		PROJECT TYPE	PROJECT STATUS	FY21 SY20-21	FY22 SY21-22	FY23 SY22-23	FY24 SY23-24	FY25 SY24-25	FY26 SY25-26	FY27 SY26-27
Woodson HS	2,331	2,327	2,397	2,488	2	-	-	-	-	-	-	-	-	-	-	-	-
Frost MS ^{3,4}	1,368 / 1,400	1,206	1,247	1,218	9	10	Renovation	In Permitting	2017, 2019 Bonds								
Canterbury Woods ES ⁴	917	870	802	777	2	-	-	-	-	-	-	-	-	-	-	-	-
Fairfax Villa ES	694	689	599	536	6	-	-	-	-	-	-	-	-	-	-	-	-
Little Run ES	476	412	326	289	4	-	-	-	-	-	-	-	-	-	-	-	-
Mantua ES ⁴	1,170	1,103	1,091	985	4	8	-	-	-	-	-	-	-	-	-	-	-
Olde Creek ES	628	392	377	349	6	-	-	-	-	-	-	-	-	-	-	-	-
Wakefield Forest ES ³	560 / 800	521	688	631	13	-	Renovation	In Permitting	2019 Bond (Design)								

¹ Boundary study impact. Schools currently going through phased-in boundary changes.

² Program change impact. Schools adding or removing new instructional or special education programs. Program capacity is also highlighted in pink to indicate program change.

³ Facility change impact. School going through renovation or having completed renovation in the current school year.

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Planning
Permitting
Construction

REGION 5

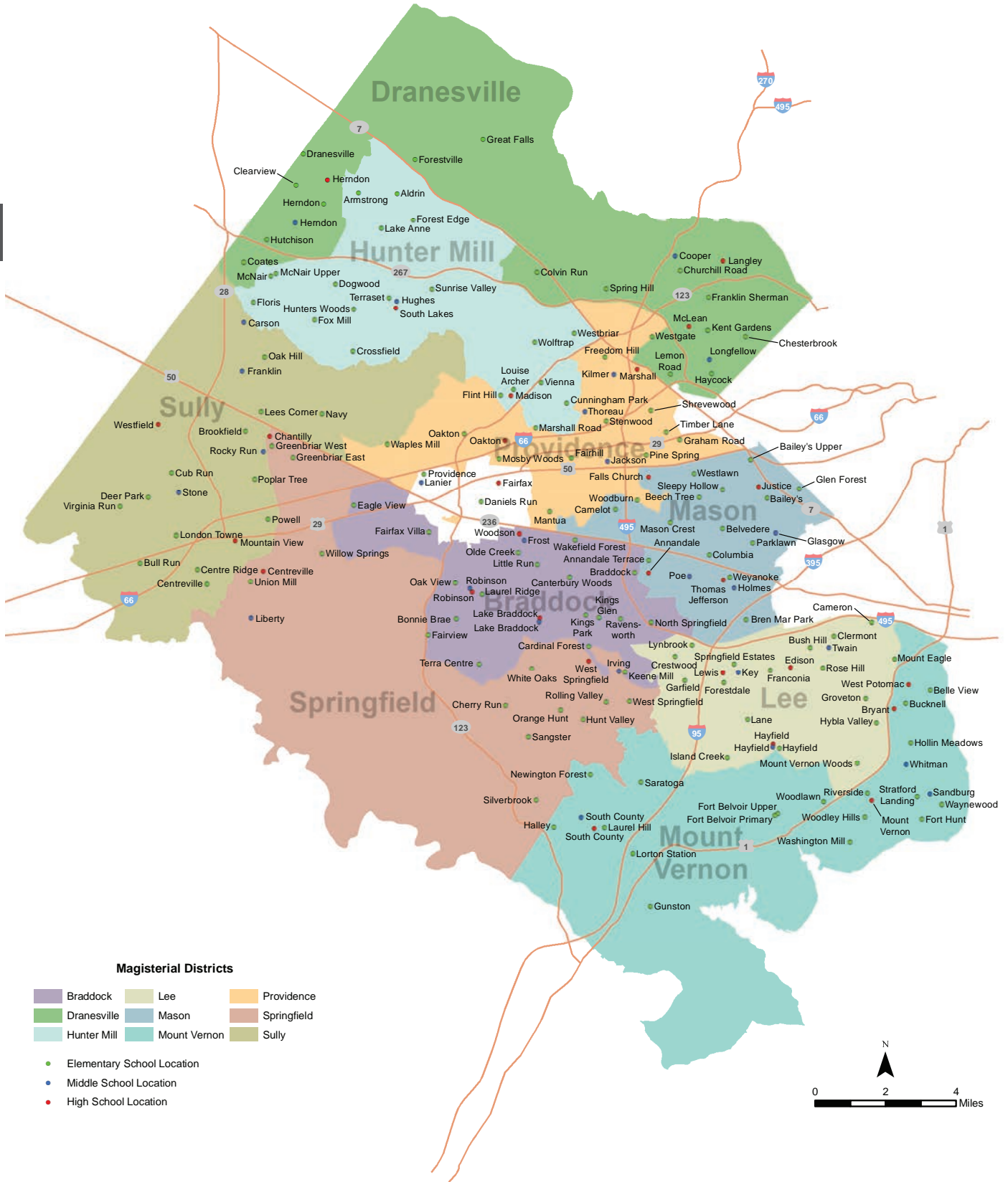


RESOURCES

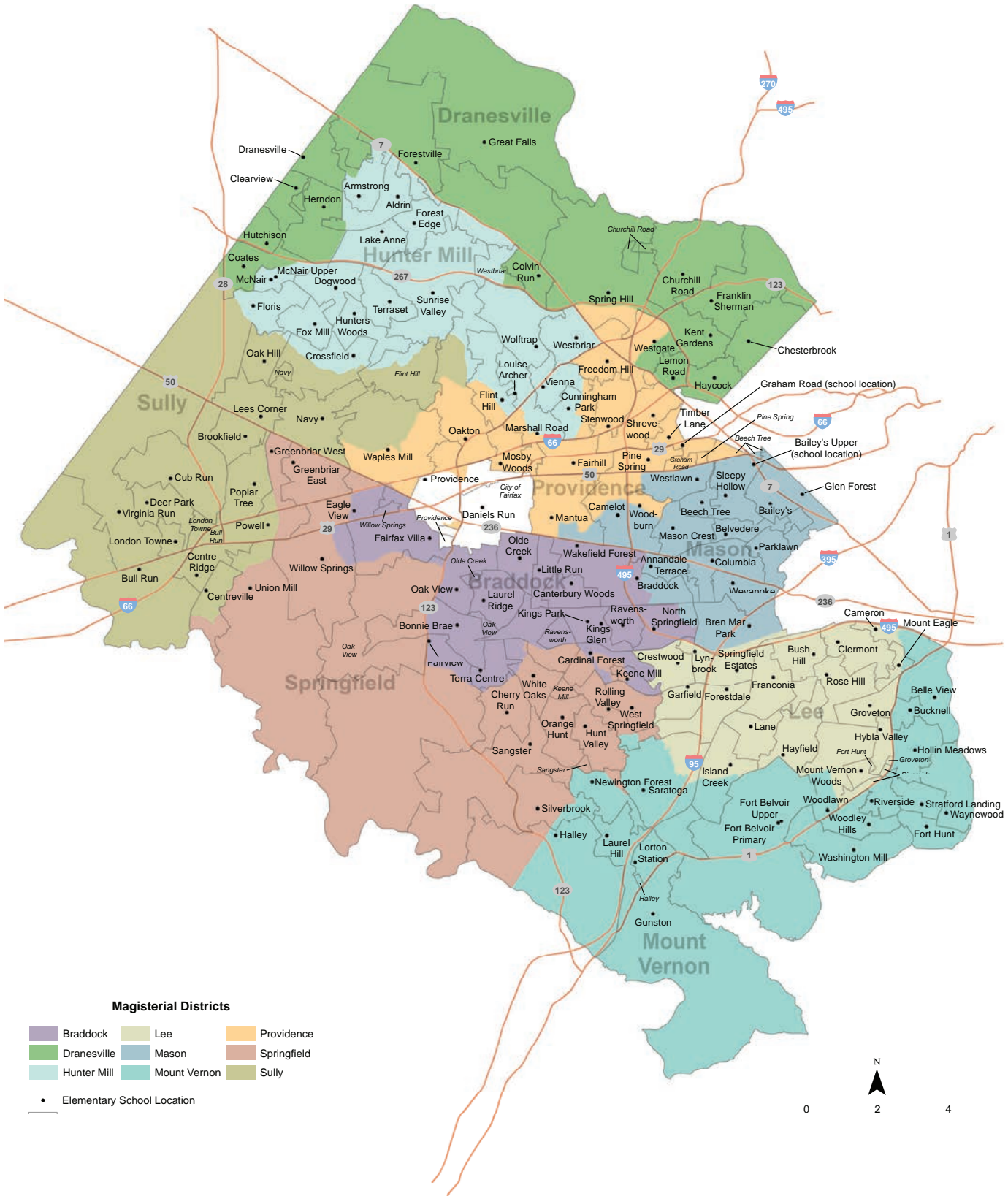
MAGISTERIAL MAPS

SCHOOL LOCATIONS | SY 2020-21

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ELEMENTARY SCHOOL BOUNDARIES | SY 2020-21



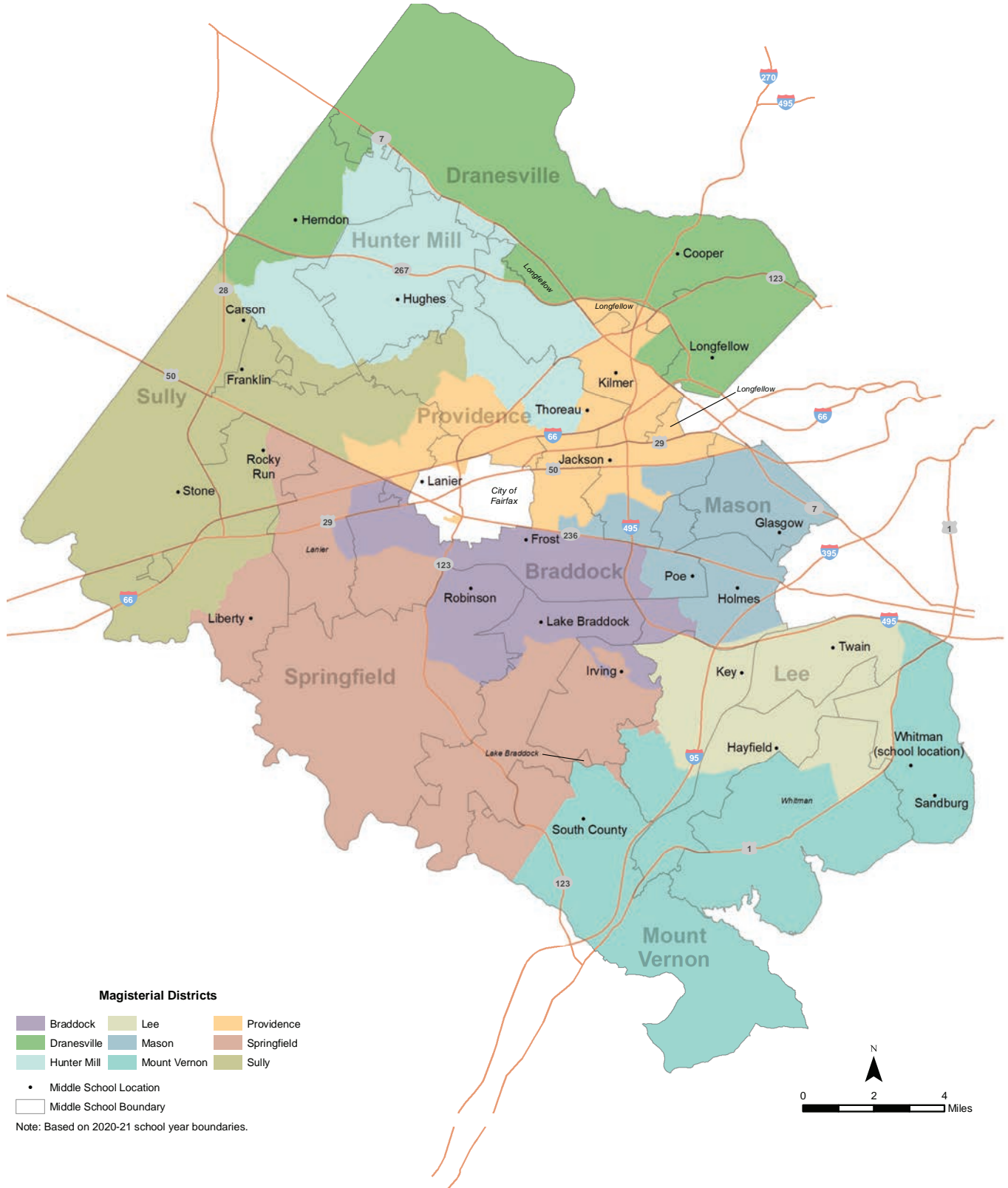
Magisterial Districts

- Braddock
- Lee
- Providence
- Dranesville
- Mason
- Springfield
- Hunter Mill
- Mount Vernon
- Sully

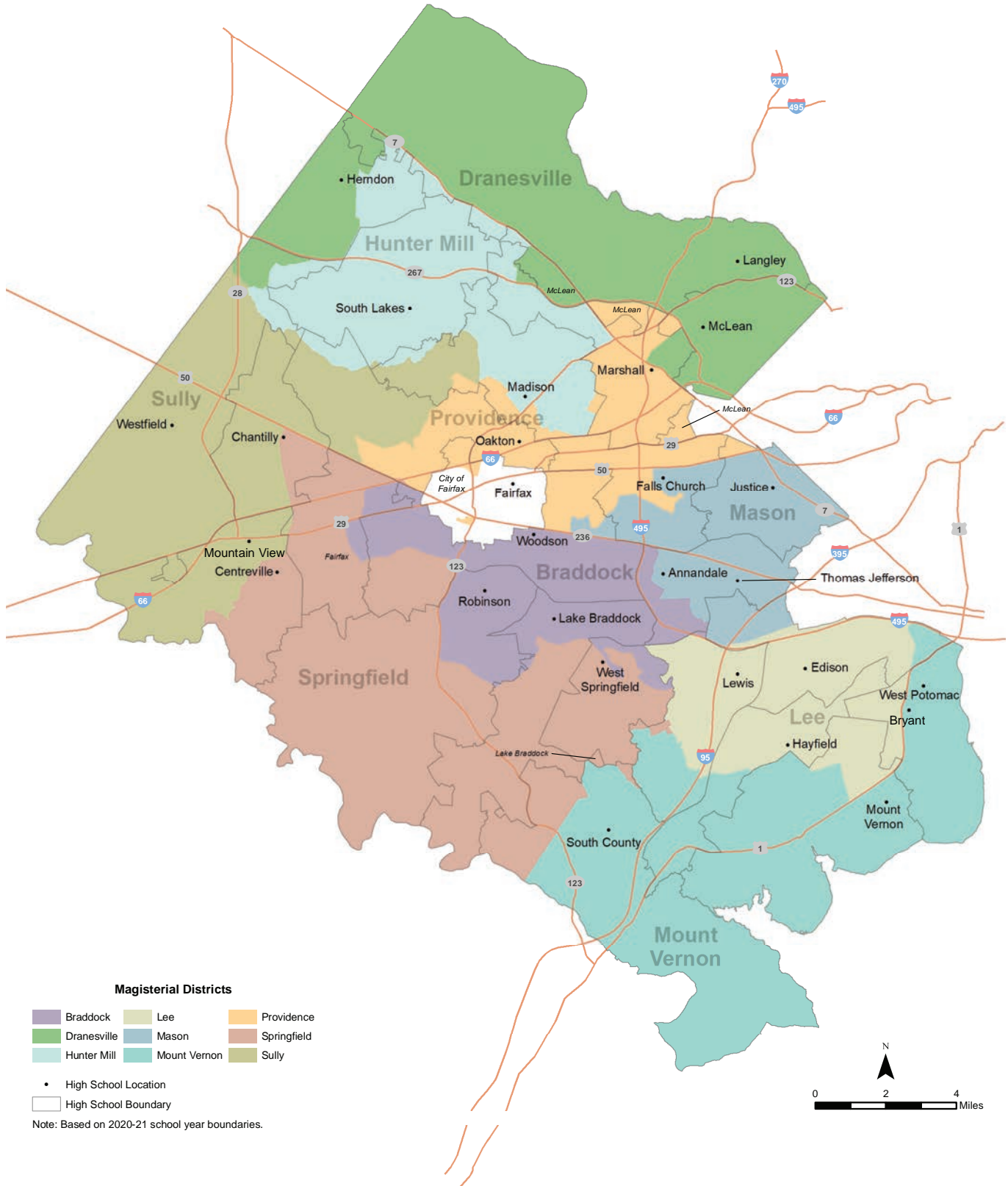
• Elementary School Location



MIDDLE SCHOOL BOUNDARIES | SY 2020-21



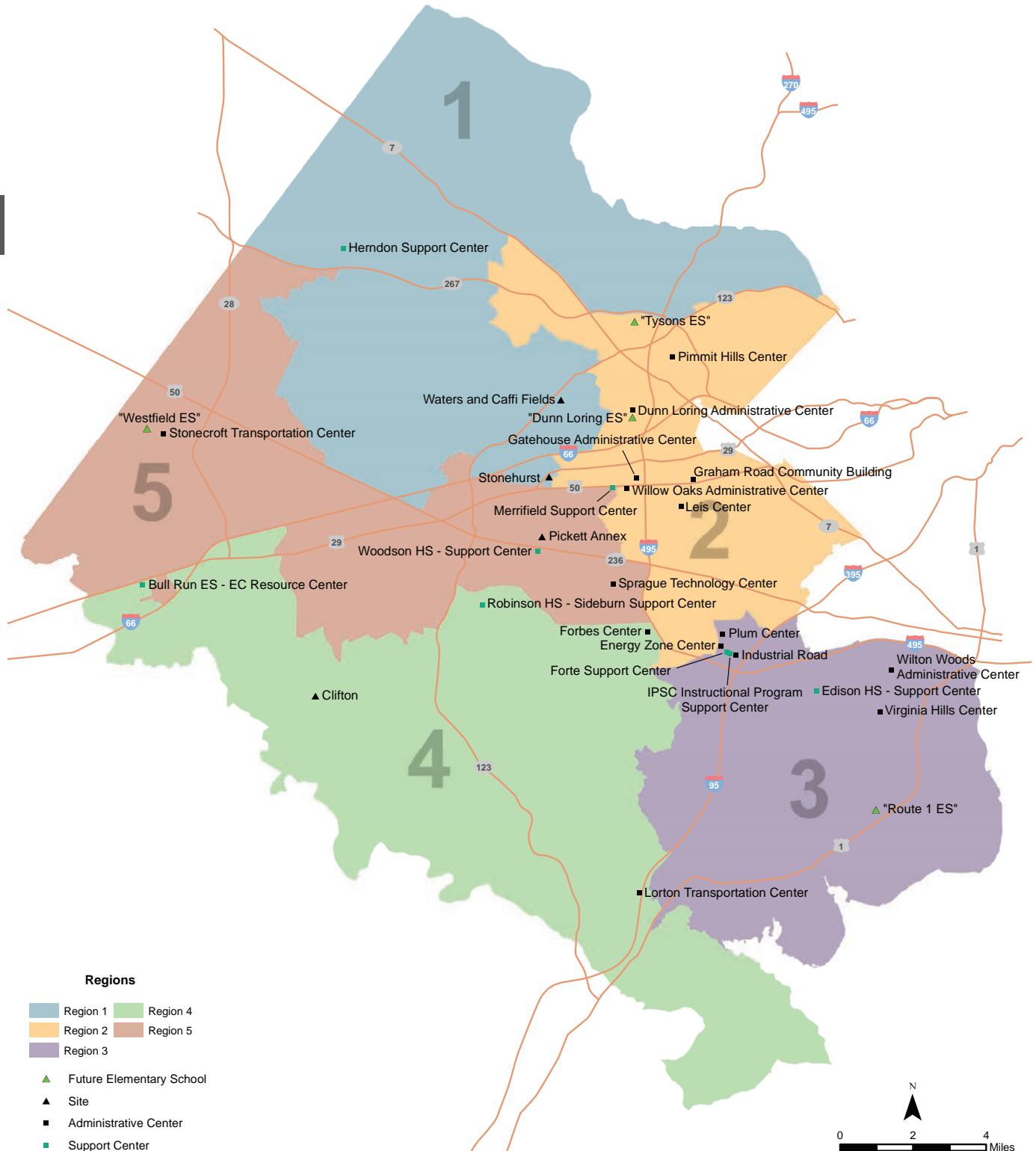
HIGH SCHOOL BOUNDARIES | SY 2020–21



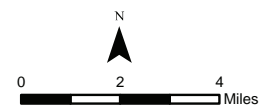
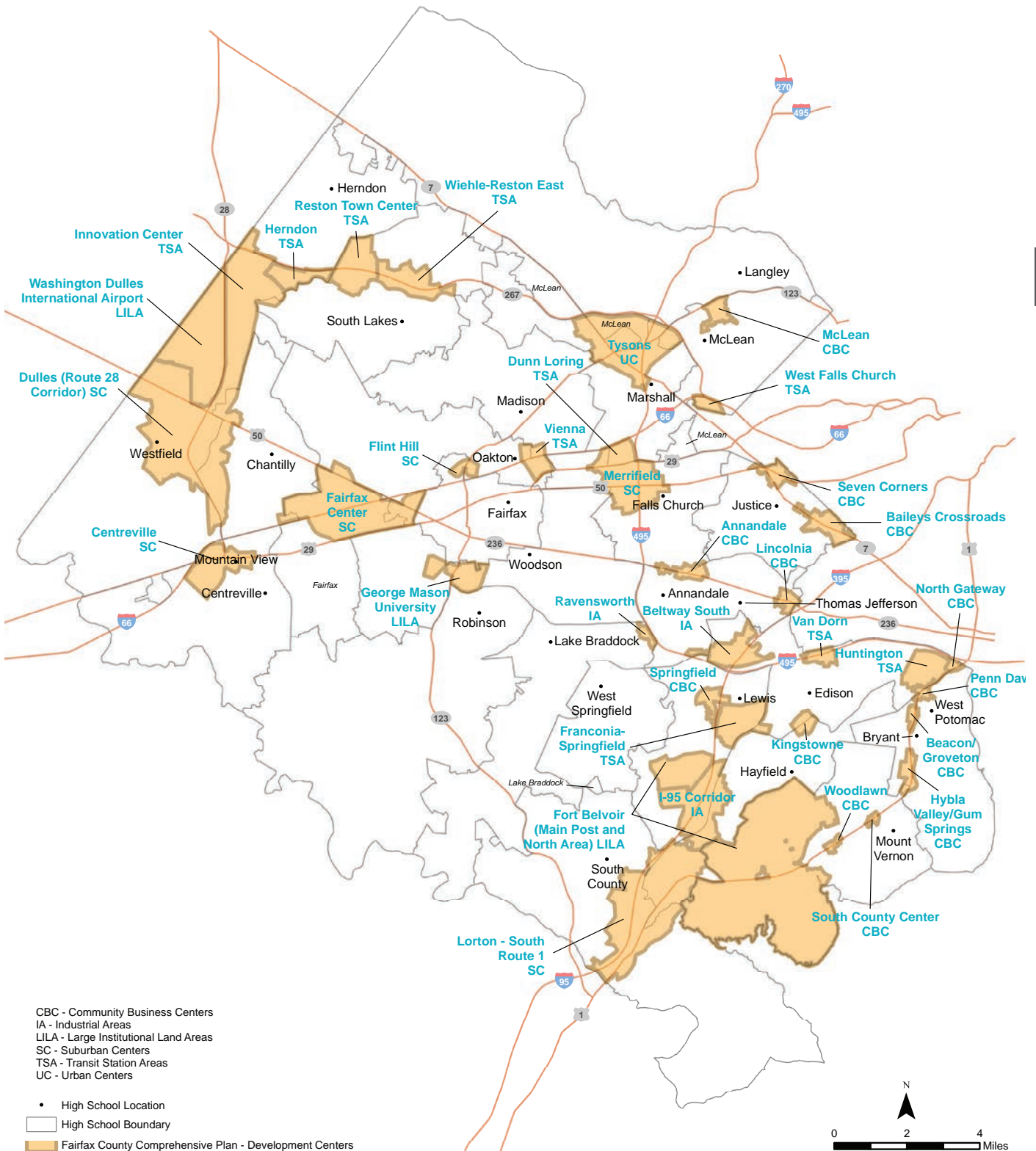
ADDITIONAL MAPS

ADMINISTRATIVE BUILDING, SUPPORT CENTER, AND SITE LOCATIONS SY 2020-21

144



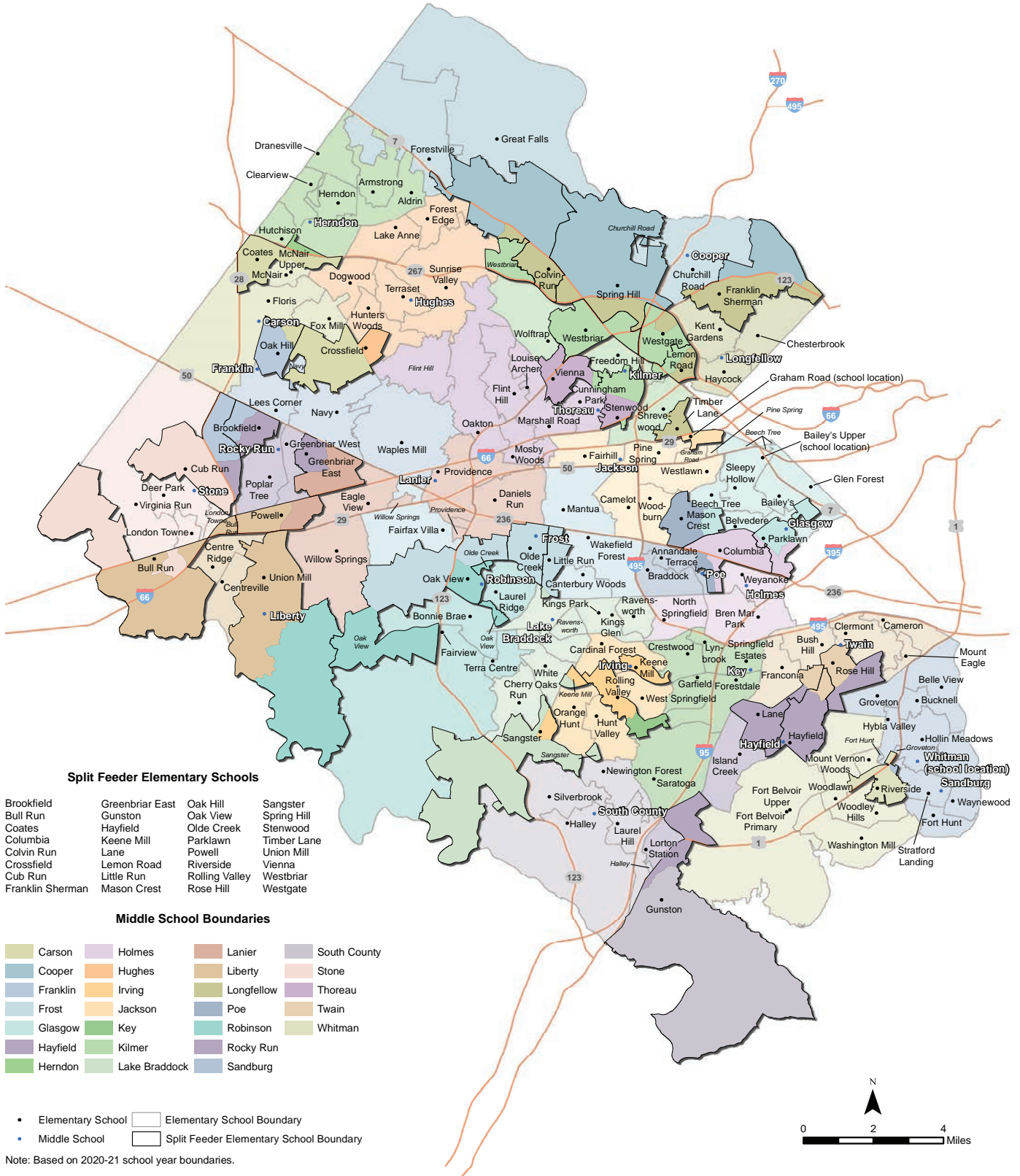
FAIRFAX COUNTY COMPREHENSIVE PLAN: SPECIAL PLANNING AREAS WITH HIGH SCHOOL BOUNDARIES | SY 2020-21



SPLIT FEEDER INFORMATION

ELEMENTARY SCHOOL BOUNDARIES | SY 2020-21

With Middle School Boundaries



MIDDLE SCHOOL FEEDERS AND SPLIT FEEDERS* | SY 2020–21

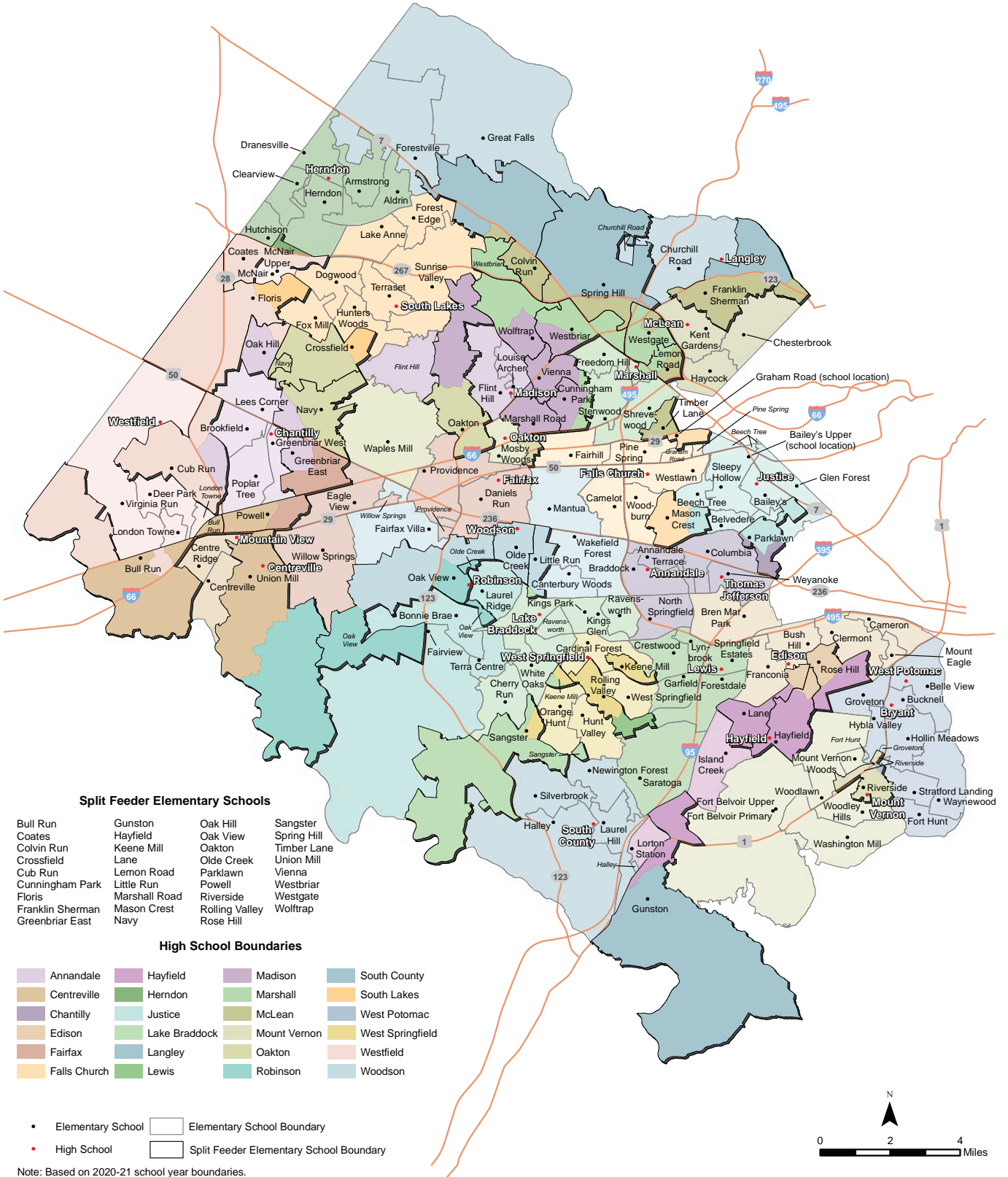
by Elementary Schools

MIDDLE SCHOOL	ELEMENTARY SCHOOL	MIDDLE SCHOOL	ELEMENTARY SCHOOL	MIDDLE SCHOOL	ELEMENTARY SCHOOL
Carson	Coates* Crossfield* Floris Fox Mill McNair McNair Upper Oak Hill*	Irving	Cardinal Forest Hunt Valley Keene Mill* Orange Hunt Rolling Valley* Sangster* West Springfield	Robinson	Bonnie Brae Fairview Laurel Ridge Oak View* Olde Creek* Terra Centre Union Mill*
Cooper	Churchill Road Colvin Run* Forestville Franklin Sherman* Great Falls Spring Hill*	Jackson	Camelot Fairhill Graham Road Pine Spring Timber Lane* Westlawn Woodburn	Rocky Run	Brookfield* Cub Run* Greenbriar East* Greenbriar West Poplar Tree
Franklin	Brookfield* Crossfield* Cub Run* Lees Corner Navy Oak Hill* Waples Mill	Key	Crestwood Forestdale Garfield Lynbrook Rolling Valley* Saratoga Springfield Estates	Sandburg	Belle View Bucknell Fort Hunt Groveton Hollin Meadows Hybla Valley Riverside* Stratford Landing Waynewood
Frost	Canterbury Woods Fairfax Villa Little Run* Mantua Oak View* Olde Creek* Wakefield Forest	Kilmer	Freedom Hill Lemon Road* Shreewood Stenwood* Vienna* Westbriar* Westgate* Wolftrap	South County	Gunston* Halley Laurel Hill Newington Forest Silverbrook
Glasgow	Bailey's Bailey's Upper Beech Tree Belvedere Glen Forest Mason Crest* Parklawn* Sleepy Hollow	Lake Braddock	Cherry Run Keene Mill* Kings Glen Kings Park Little Run* Ravensworth Sangster* White Oaks	Stone	Bull Run* Cub Run* Deer Park London Towne Virginia Run
Hayfield	Gunston* Hayfield* Island Creek Lane* Lorton Station Rose Hill*	Lanier	Daniels Run Eagle View Greenbriar East* Powell* Providence Willow Springs	Thoreau	Cunningham Park Flint Hill Louise Archer Marshall Road Mosby Woods Oakton Stenwood* Vienna*
Herndon	Aldrin Armstrong Clearview Coates* Dranesville Herndon Hutchison	Liberty	Bull Run* Centre Ridge Centreville Powell* Union Mill*	Twain	Bush Hill Cameron Clermont Franconia Hayfield* Lane* Mount Eagle Rose Hill*
Holmes	Bren Mar Park Columbia* North Springfield Parklawn* Weyanoke	Longfellow	Chesterbrook Colvin Run* Franklin Sherman* Haycock Kent Gardens Lemon Road* Spring Hill* Timber Lane* Westbriar* Westgate*	Whitman	Fort Belvoir Primary Fort Belvoir Upper Mount Vernon Woods Riverside* Washington Mill Woodlawn Woodley Hills
Hughes	Crossfield* Dogwood Forest Edge Hunters Woods Lake Anne Sunrise Valley Terraset	Poe	Annandale Terrace Braddock Columbia* Mason Crest*		

Note: Based on 2020-21 school year boundaries.

ELEMENTARY SCHOOL BOUNDARIES | SY 2020-21

With High School Boundaries



HIGH SCHOOL FEEDERS AND SPLIT FEEDERS* | SY 2020–21

by Elementary Schools

HIGH SCHOOL	ELEMENTARY SCHOOL
Annandale	Annandale Terrace Braddock Columbia North Springfield Parklawn* Weyanoke
Centreville	Bull Run* Centre Ridge Centreville Powell* Union Mill*
Chantilly	Brookfield Crossfield* Cub Run* Greenbriar East* Greenbriar West Lees Corner Navy* Oak Hill* Poplar Tree
Edison	Bren Mar Park Bush Hill Cameron Clermont Hayfield* Franconia Lane* Mount Eagle Rose Hill*
Fairfax	Daniels Run Eagle View Greenbriar East* Powell* Providence Willow Springs
Falls Church	Camelot Fairhill Graham Road Mason Crest* Pine Spring Timber Lane* Westlawn Woodburn
Hayfield	Gunston* Hayfield* Island Creek Lane* Lorton Station Rose Hill*
Herndon	Aldrin Armstrong Clearview Coates* Dranesville Herndon Hutchison

HIGH SCHOOL	ELEMENTARY SCHOOL
Justice	Bailey's Bailey's Upper Beech Tree Belvedere Glen Forest Mason Crest* Parklawn* Sleepy Hollow
Lake Braddock	Cherry Run Keene Mill* Kings Glen Kings Park Little Run* Ravensworth Sangster* White Oaks
Langley	Churchill Road Colvin Run* Forestville Franklin Sherman* Great Falls Spring Hill*
Lewis	Crestwood Forestdale Garfield Lynbrook Rolling Valley* Saratoga Springfield Estates
Madison	Cunningham Park* Flint Hill Louise Archer Marshall Road* Oakton* Vienna* Westbriar* Wolftrap*
Marshall	Cunningham Park* Freedom Hill Lemon Road* Shrewwood Stenwood Vienna* Westbriar* Westgate* Wolftrap*
McLean	Chesterbrook Colvin Run* Franklin Sherman* Haycock Kent Gardens Lemon Road* Spring Hill* Timber Lane* Westbriar* Westgate*
Mount Vernon	Fort Belvoir Primary Fort Belvoir Upper Mount Vernon Woods Riverside* Washington Mill Woodlawn Woodley Hills

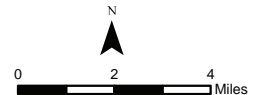
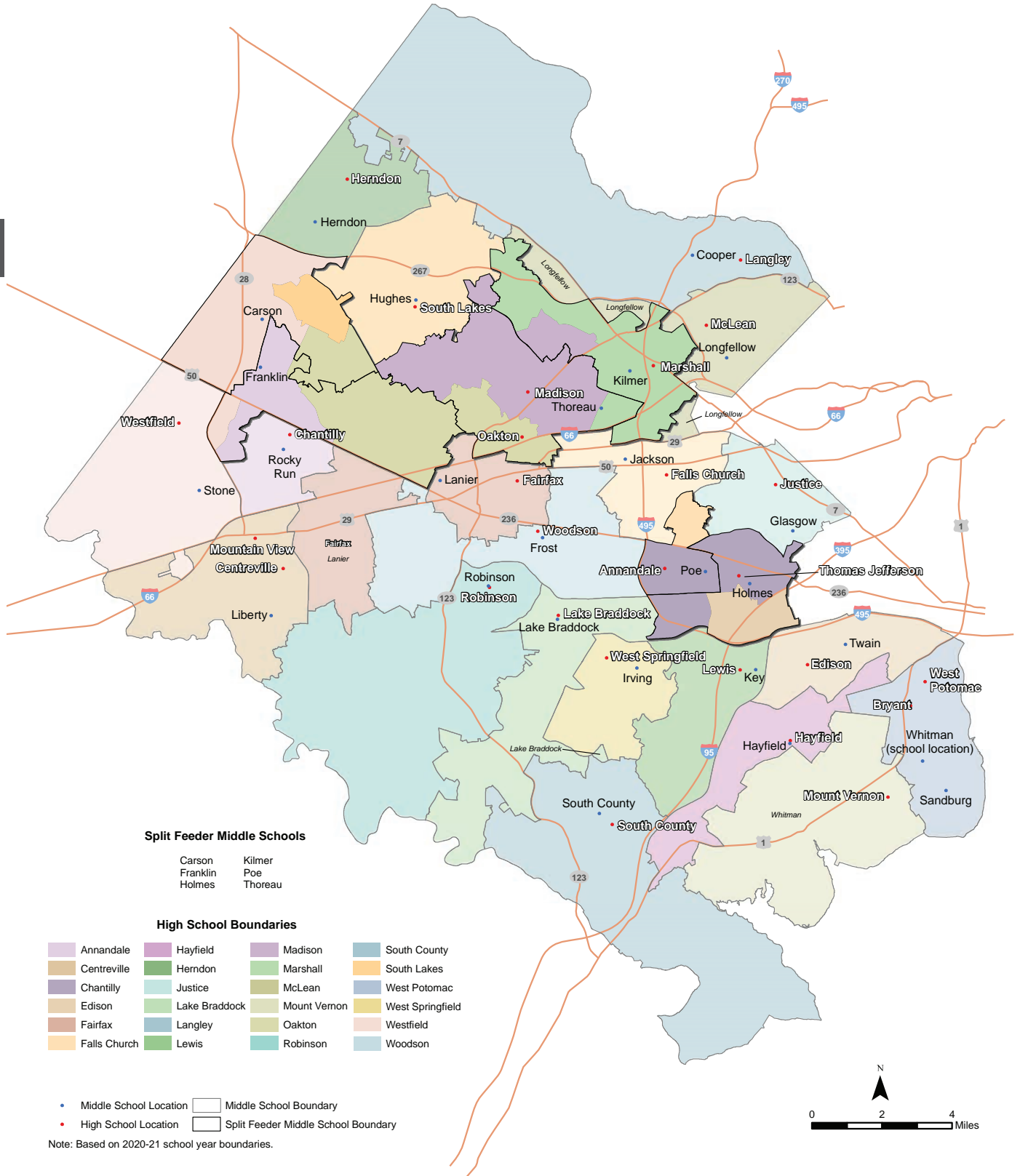
HIGH SCHOOL	ELEMENTARY SCHOOL
Oakton	Crossfield* Marshall Road* Mosby Woods Navy* Oakton* Waples Mill
Robinson	Bonnie Brae Fairview Laurel Ridge Oak View* Olde Creek* Terra Centre Union Mill*
South County	Gunston* Halley Laurel Hill Newington Forest Silverbrook
South Lakes	Crossfield* Dogwood Floris* Forest Edge Fox Mill Hunters Woods Lake Anne Sunrise Valley Terraset
West Potomac	Belle View Bucknell Fort Hunt Groveton Hollin Meadows Hybla Valley Riverside* Stratford Landing Waynewood
West Springfield	Cardinal Forest Hunt Valley Keene Mill* Orange Hunt Rolling Valley* Sangster* West Springfield
Westfield	Bull Run* Coates* Cub Run* Deer Park Floris* London Towne McNair McNair Upper Oak Hill* Virginia Run
Woodson	Canterbury Woods Fairfax Villa Little Run* Mantua Oak View* Olde Creek* Wakefield Forest

Note: Based on 2020-21 school year boundaries.

MIDDLE SCHOOL BOUNDARIES | SY 2020-21

With High School Boundaries

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HIGH SCHOOL FEEDERS AND SPLIT FEEDERS* | SY 2020–21

by Middle Schools

HIGH SCHOOL	MIDDLE SCHOOL
Annandale	Holmes* Poe*
Centreville	Liberty
Chantilly	Franklin* Rocky Run
Edison	Holmes* Twain
Fairfax	Lanier
Falls Church	Jackson Poe*
Hayfield	Hayfield
Herndon	Herndon
Justice	Glasgow
Lake Braddock	Lake Braddock
Langley	Cooper
Lewis	Key
Madison	Kilmer* Thoreau*
Marshall	Kilmer* Thoreau*
McLean	Longfellow
Mount Vernon	Whitman
Oakton	Carson* Franklin* Thoreau*
Robinson	Robinson
South County	South County
South Lakes	Carson* Hughes
West Potomac	Sandburg
West Springfield	Irving
Westfield	Carson* Franklin* Stone
Woodson	Frost

Note: Based on 2020-21 school year boundaries.

ELEMENTARY SCHOOL SPLIT FEEDERS | SY 2020-21

ELEMENTARY SCHOOL	MIDDLE SCHOOL	HIGH SCHOOL	ELEMENTARY SCHOOL	MIDDLE SCHOOL	HIGH SCHOOL
Brookfield	Franklin Rocky Run	Chantilly	Navy	Franklin	Chantilly Oakton
Bull Run	Liberty Stone	Centreville Westfield	Oak Hill	Carson Franklin	Westfield Chantilly
Coates	Carson Herndon	Westfield Herndon	Oak View	Frost Robinson	Woodson Robinson
Columbia	Holmes Poe	Annandale	Oakton	Thoreau	Oakton Madison
Colvin Run	Cooper Longfellow	Langley McLean	Olde Creek	Frost Robinson	Woodson Robinson
Crossfield	Carson Franklin Hughes	Oakton Chantilly South Lakes	Parklawn	Glasgow Holmes	Justice Annandale
Cub Run	Franklin Rocky Run Stone	Chantilly Westfield	Powell	Lanier Liberty	Fairfax Centreville
Cunningham Park	Thoreau	Madison Marshall	Riverside	Sandburg Whitman	West Potomac Mount Vernon
Floris	Carson	South Lakes Westfield	Rolling Valley	Irving Key	West Springfield Lewis
Franklin Sherman	Cooper Longfellow	Langley McLean	Rose Hill	Hayfield Twain	Hayfield Edison
Greenbriar East	Lanier Rocky Run	Fairfax Chantilly	Sangster	Irving Lake Braddock	West Springfield Lake Braddock
Gunston	Hayfield South County	Hayfield South County	Spring Hill	Cooper Longfellow	Langley McLean
Hayfield	Hayfield Twain	Hayfield Edison	Stenwood	Kilmer Thoreau	Marshall
Keene Mill	Irving Lake Braddock	West Springfield Lake Braddock	Timber Lane	Jackson Longfellow	Falls Church McLean
Lane	Hayfield Twain	Hayfield Edison	Union Mill	Liberty Robinson	Centreville Robinson
Lemon Road	Kilmer Longfellow	Marshall McLean	Vienna	Kilmer Thoreau	Marshall Madison
Little Run	Frost Lake Braddock	Woodson Lake Braddock	Westbriar	Kilmer Longfellow	Madison Marshall McLean
Marshall Road	Thoreau	Oakton Madison	Westgate	Kilmer Longfellow	Marshall McLean
Mason Crest	Glasgow Poe	Justice Falls Church	Wolftrap	Kilmer	Madison Marshall

Note: Based on 2020-21 school year boundaries.

MIDDLE SCHOOL SPLIT FEEDERS | SY 2020-21

MIDDLE SCHOOL	HIGH SCHOOL
Carson	Westfield Oakton South Lakes
Franklin	Chantilly Westfield Oakton
Holmes	Edison Annandale
Kilmer	Marshall Madison
Poe	Annandale Falls Church
Thoreau	Madison Marshall Oakton

Note: Based on 2020-21 school year boundaries.

ATTENDANCE ISLANDS | SY 2020-21

ELEMENTARY SCHOOL	MIDDLE SCHOOL	HIGH SCHOOL
Beech Tree Bull Run Flint Hill Fort Hunt Groveton Halley Keene Mill London Towne Navy Oak View Olde Creek Pine Spring Providence Ravensworth Sangster Westbriar Willow Springs	Lake Braddock Lanier Longfellow	Fairfax Lake Braddock McLean

Note: Based on 2020-21 school year boundaries.

PROGRAM INFORMATION

ELEMENTARY SCHOOL ADVANCED ACADEMIC PROGRAM CENTER BOUNDARIES AND LOCAL LEVEL IV ACADEMIC PROGRAMS | SY 2020-21



Advanced Academic Program (AAP) Centers

Belvedere	Forest Edge	Louise Archer	Riverside
Bull Run	Greenbriar West	Mantua	Sangster
Bush Hill	Haycock	McNair Upper	Springfield Estates
Canterbury Woods	Hunters Woods	Mosby Woods	Stratford Landing
Churchill Road	Navy	Sunrise Valley	Westbriar
Clearview	Lemon Road	Oak Hill	White Oaks
Colvin Run	Lorton Station	Poplar Tree	Willow Springs

- ★ AAP Center
- Advanced Academic Local Level IV Program
- Elementary School Location
- Elementary School Boundary

Notes:
 1. Based on 2020-21 school boundaries.
 2. Bush Hill ES / Springfield Estates ES and Canterbury Woods / Mosby Woods ES AAP Centers are in the process of a grade-by-grade phase-in of a boundary adjustment.
 3. For more information about grade level assignments at these AAP Centers, contact the AAP office at 571-423-4740.

ELEMENTARY SCHOOL AAP CENTER ASSIGNMENT FOR ELEMENTARY SCHOOLS | SY 2020–21

ELEMENTARY AAP CENTER	ELEMENTARY	ELEMENTARY AAP CENTER	ELEMENTARY	ELEMENTARY AAP CENTER	ELEMENTARY
Belvedere	Bailey's Bailey's Upper Beech Tree Belvedere Bren Mar Park Columbia Glen Forest Mason Crest Parklawn Sleepy Hollow Weyanoke	Haycock	Chesterbrook Franklin Sherman Haycock Timber Lane	Poplar Tree	Brookfield Cub Run Poplar Tree
Bull Run	Bull Run Centre Ridge Deer Park London Towne Virginia Run	Hunters Woods	Hunters Woods Waples Mill	Riverside	Fort Belvoir Primary Fort Belvoir Upper Mount Vernon Woods Riverside Washington Mill Woodlawn Woodley Hills
Bush Hill	Bush Hill Cameron Clermont Franconia Mount Eagle Rose Hill	Keene Mill	Cardinal Forest Keene Mill Kings Glen Kings Park Ravensworth Rolling Valley West Springfield	Sangster	Cherry Run Hunt Valley Orange Hunt Sangster
Canterbury Woods	Annandale Terrace Braddock Canterbury Woods Fairfax Villa Little Run North Springfield Olde Creek Wakefield Forest	Lemon Road	Lemon Road Shreveewood Westgate	Springfield Estates	Crestwood Forestdale Garfield Hayfield Island Creek Lane Lynbrook Springfield Estates
Churchill Road	Churchill Road Kent Gardens Spring Hill	Lorton Station	Gunston Halley Laurel Hill Lorton Station Newington Forest Saratoga Silverbrook	Stratford Landing	Belle View Bucknell Fort Hunt Groveton Hollin Meadows Hybla Valley Stratford Landing Waynewood
Clearview	Clearview Dranesville Herndon Hutchison	Louise Archer	Cunningham Park Flint Hill Louise Archer Vienna Wolftrap	Sunrise Valley	Dogwood Flint Hill Oakton Sunrise Valley Terraset
Colvin Run	Colvin Run Great Falls	Mantua	Camelot Fairhill Graham Road Mantua Pine Spring Timber Lane Westlawn Woodburn	Westbriar	Freedom Hill Stenwood Westbriar
Forest Edge	Aldrin Armstrong Forest Edge Forestville Lake Anne	McNair Upper	Coates Floris McNair McNair Upper	White Oaks	Bonnie Brae Fairview Laurel Ridge Terra Centre White Oaks
Greenbriar West	Greenbriar East Greenbriar West Powell	Mosby Woods	Daniels Run Marshall Road Mosby Woods Providence	Willow Springs	Centreville Eagle View Fairfax Villa Oak View Union Mill Willow Springs
		Navy	Crossfield Navy		
		Oak Hill	Fox Mill Lees Corner Oak Hill		

Notes:

1. Bush Hill ES / Springfield Estates ES and Canterbury Woods / Mosby Woods ES AAP Centers are in the process of a grade-by-grade phase-in of a boundary adjustment.
2. Based on 2020-21 school year boundaries.
3. For more information about grade level assignments at these AAP Centers, contact the AAP office at 571-423-4740.

MIDDLE SCHOOL ADVANCED ACADEMIC PROGRAM CENTER BOUNDARIES | SY 2020-21

by Elementary School



Notes:
 1. Based on 2020-21 school year boundaries
 2. For more information about grade level assignments at these AAP Centers, contact the AAP office at 571-423-4740.

MIDDLE SCHOOL AAP CENTER ASSIGNMENT FOR ELEMENTARY SCHOOLS | SY 2020–21

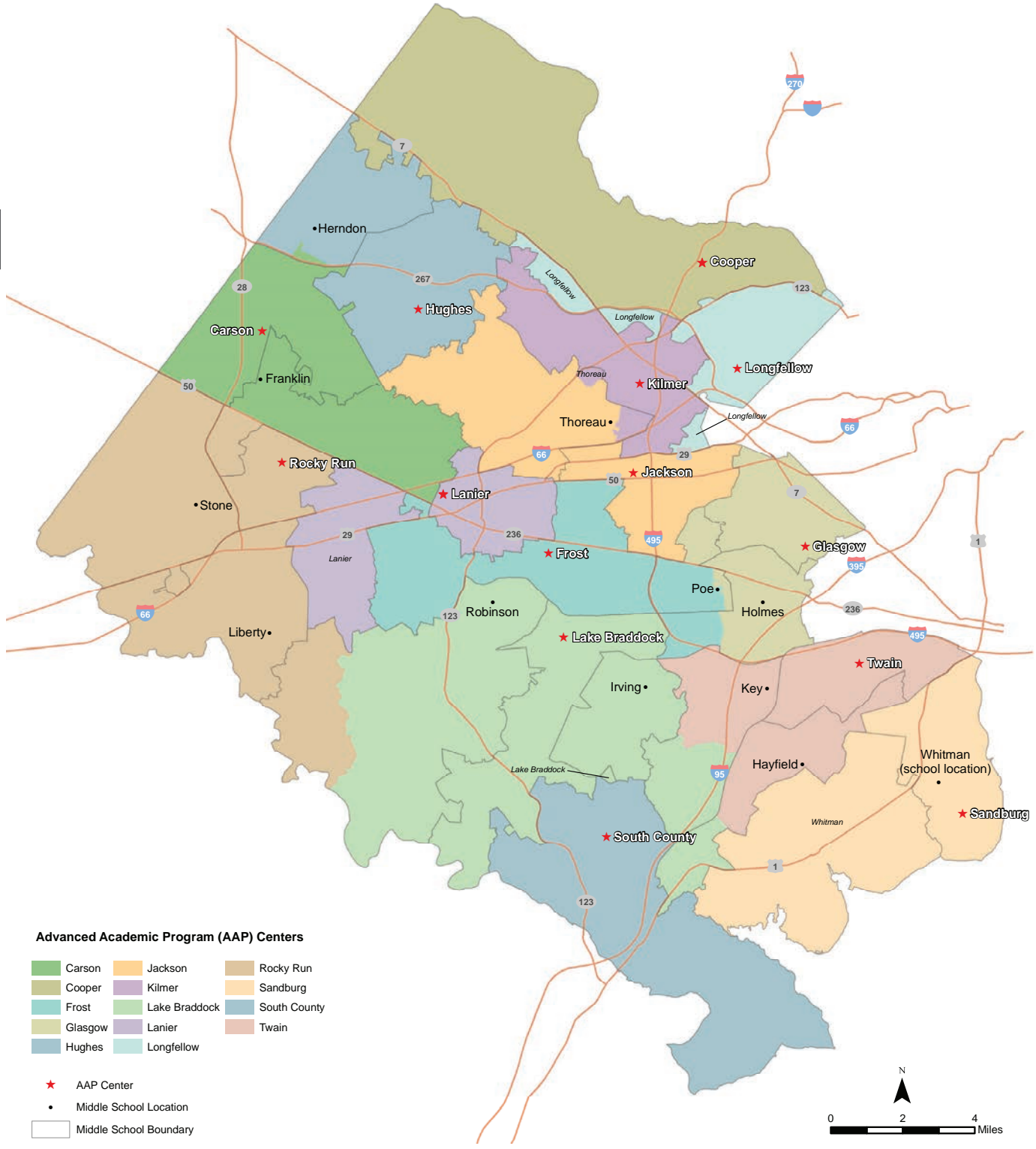
MIDDLE AAP CENTER	ELEMENTARY	MIDDLE AAP CENTER	ELEMENTARY	MIDDLE AAP CENTER	ELEMENTARY
Carson	Coates Crossfield Floris Fox Mill Lees Corner McNair McNair Upper Navy Oak Hill Waples Mill	Jackson	Camelot Cunningham Park Fairhill Flint Hill Graham Road Louise Archer Marshall Road Mosby Woods Oakton Pine Spring Timber Lane Vienna Westlawn Woodburn	Longfellow	Chesterbrook Colvin Run Franklin Sherman Haycock Kent Gardens Lemon Road Spring Hill Timber Lane Westbriar Westgate
Cooper	Churchill Road Colvin Run Forestville Franklin Sherman Great Falls Spring Hill	Kilmer	Freedom Hill Lemon Road Shrevewood Stenwood Vienna Westbriar Westgate Wolftrap	Rocky Run	Brookfield Bull Run Centre Ridge Centreville Cub Run Deer Park Greenbriar East Greenbriar West London Towne Poplar Tree Powell Union Mill Virginia Run
Frost	Annandale Terrace Braddock Canterbury Woods Fairfax Villa Little Run Mantua North Springfield Oak View Olde Creek Wakefield Forest	Lake Braddock	Bonnie Brae Cardinal Forest Cherry Run Fairview Gunston Hunt Valley Keene Mill Kings Glen Kings Park Laurel Ridge Little Run Lorton Station Oak View Olde Creek Orange Hunt Ravensworth Rolling Valley Sangster Saratoga Terra Centre West Springfield White Oaks	Sandburg	Belle View Bucknell Fort Belvoir Primary Fort Belvoir Upper Fort Hunt Groveton Hollin Meadows Hybla Valley Mount Vernon Woods Riverside Stratford Landing Washington Mill Waynewood Woodlawn Woodley Hills
Glasgow	Bailey's Bailey's Upper Beech Tree Belvedere Bren Mar Park Columbia Glen Forest Mason Crest Parklawn Sleepy Hollow Weyanoke	Lanier	Daniels Run Eagle View Greenbriar East Powell Providence Willow Springs	South County	Gunston Halley Laurel Hill Newington Forest Silverbrook
Hughes	Aldrin Armstrong Clearview Crossfield Dogwood Dranesville Forest Edge Herndon Hunters Woods Hutchison Lake Anne Sunrise Valley Terraset			Twain	Bush Hill Cameron Clermont Crestwood Forestdale Franconia Garfield Hayfield Island Creek Lane Lynbrook Mount Eagle Rose Hill Springfield Estates

Notes:

1. Based on 2020-21 school year boundaries.
2. For more information about grade level assignments at these AAP Centers, contact the AAP office at 571-423-4740.

MIDDLE SCHOOL ADVANCED ACADEMIC PROGRAM CENTER BOUNDARIES | SY 2020-21

by Middle School



MIDDLE SCHOOL AAP CENTER ASSIGNMENT FOR MIDDLE SCHOOLS | SY 2020–21

MIDDLE AAP CENTER	MIDDLE
Carson	Carson Franklin Herndon
Cooper	Cooper
Frost	Frost Holmes Poe
Glasgow	Glasgow Holmes Poe
Hughes	Herndon Hughes
Jackson	Jackson Thoreau
Kilmer	Kilmer Thoreau
Lake Braddock	Hayfield Irving Key Lake Braddock Robinson
Lanier	Lanier
Longfellow	Longfellow
Rocky Run	Franklin Liberty Robinson Rocky Run Stone
Sandburg	Sandburg Whitman
South County	South County
Twain	Hayfield Key Twain

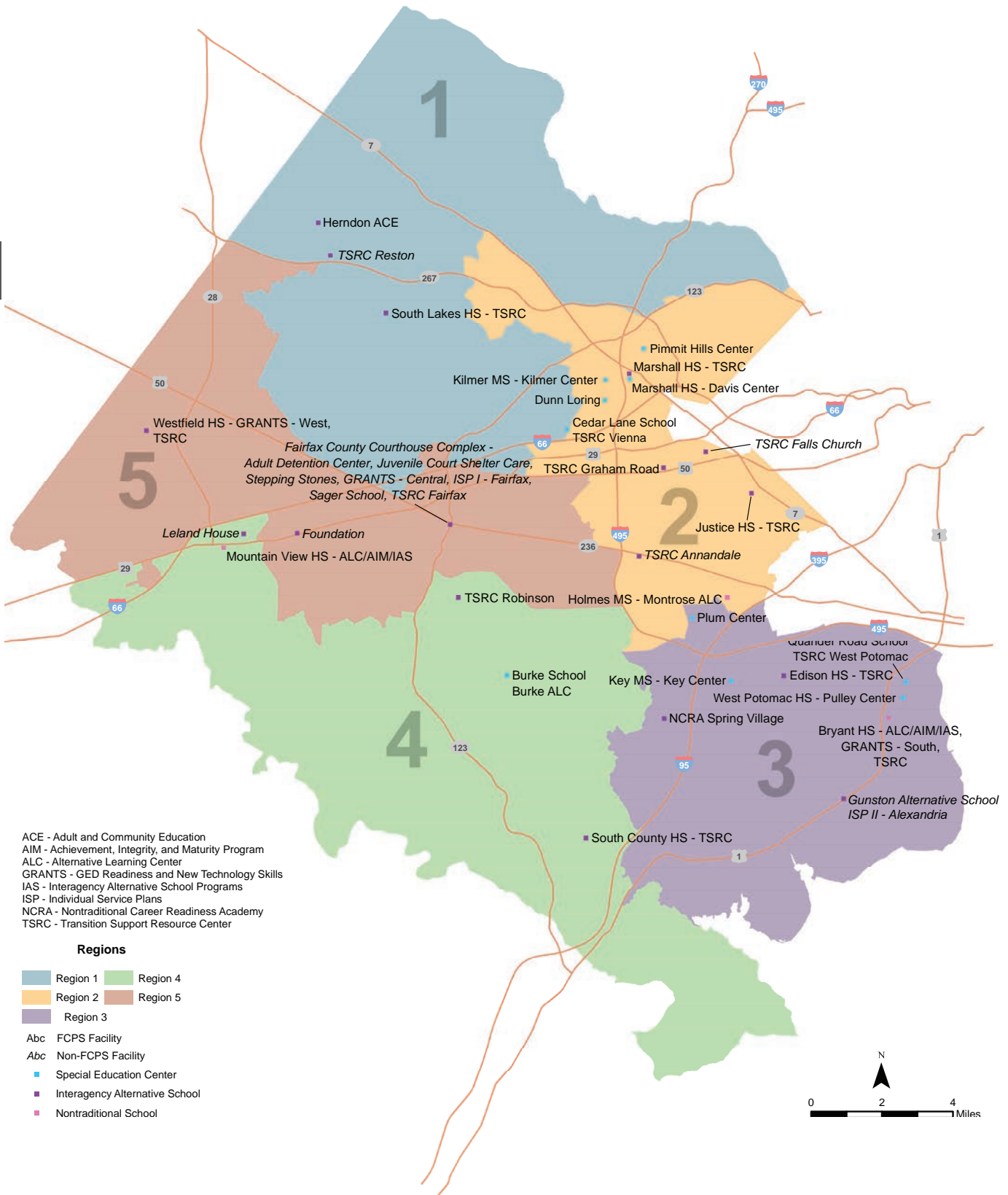
Notes:

1. Based on 2020-21 school year boundaries.
2. For more information about grade level assignments at these AAP Centers, contact the AAP office at 571-423-4740.

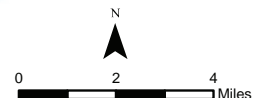
SPECIAL EDUCATION AND NONTRADITIONAL PROGRAM LOCATIONS

SY 2020-21

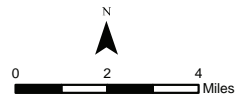
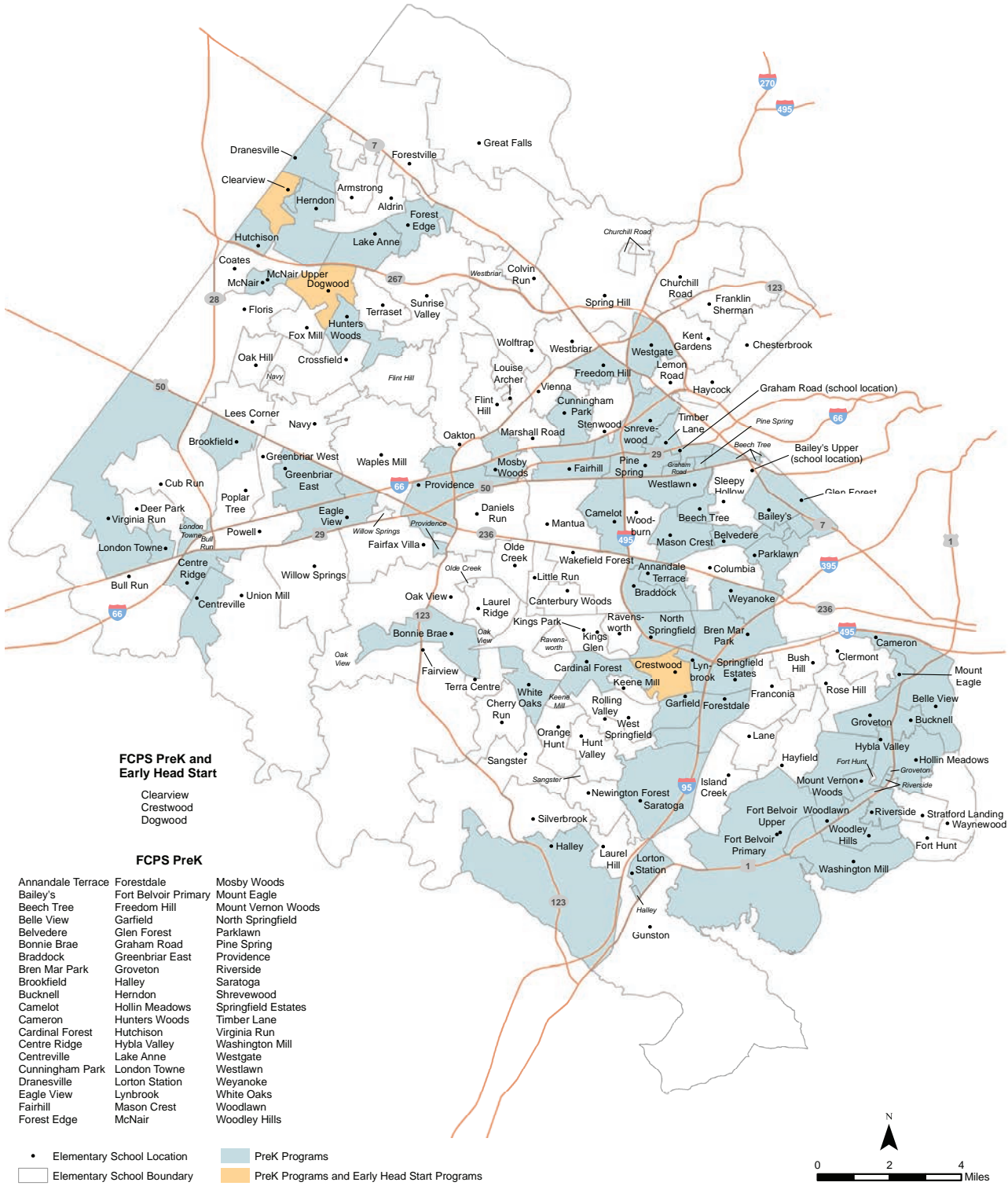
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ACE - Adult and Community Education
 AIM - Achievement, Integrity, and Maturity Program
 ALC - Alternative Learning Center
 GRANTS - GED Readiness and New Technology Skills
 IAS - Interagency Alternative School Programs
 ISP - Individual Service Plans
 NCRA - Nontraditional Career Readiness Academy
 TSRC - Transition Support Resource Center

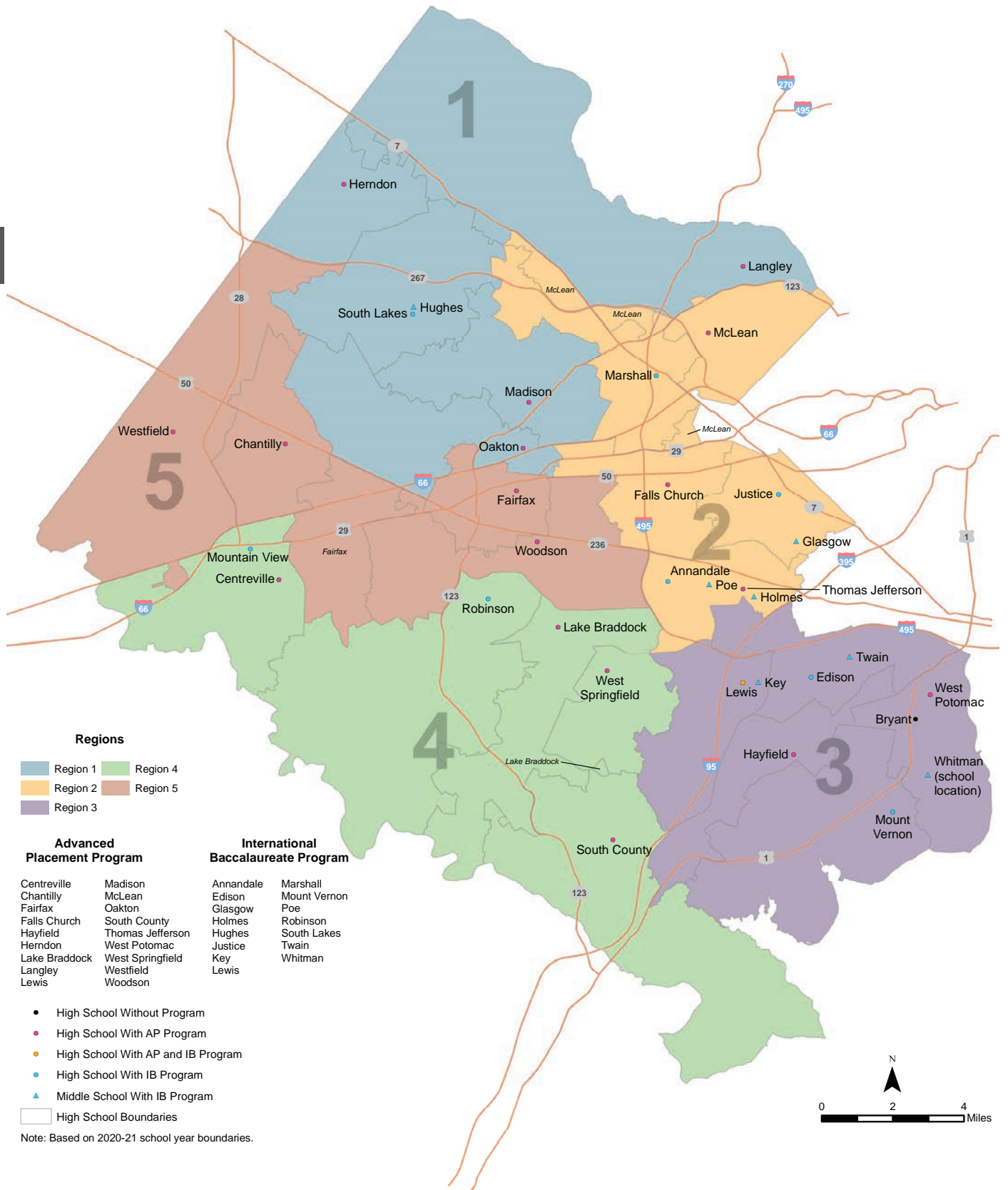


ELEMENTARY SCHOOL LOCATIONS WITH FAMILY AND EARLY CHILDHOOD EDUCATION PROGRAMS/HEAD START (FCPS PreK/HS) AND EARLY HEAD START (EHS) PROGRAMS | SY 2020-21

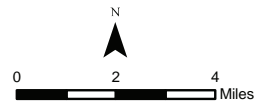
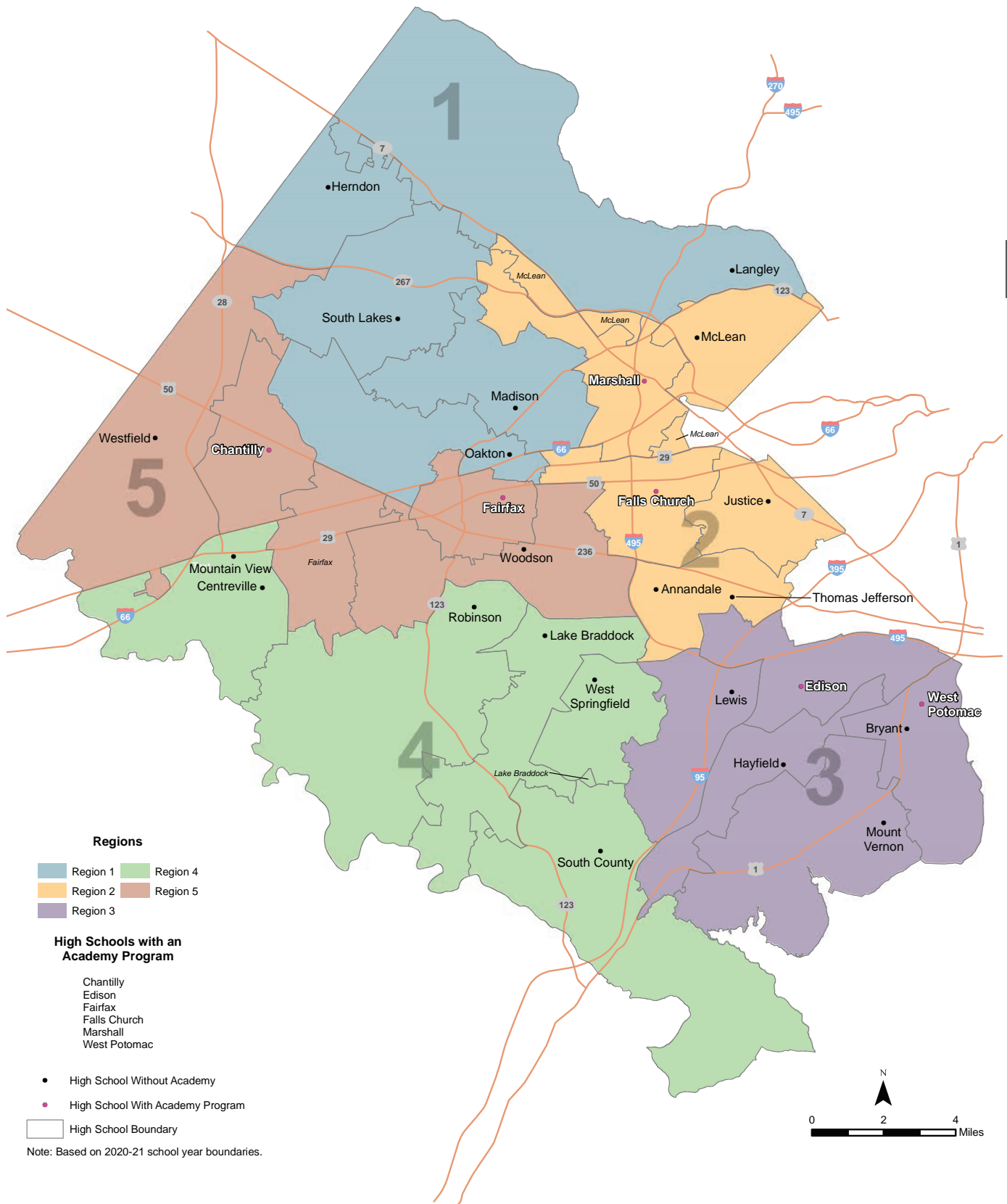


MIDDLE AND HIGH SCHOOL LOCATIONS WITH ADVANCED PLACEMENT (AP) AND INTERNATIONAL BACCALAUREATE (IB) PROGRAMS | SY 2020-21

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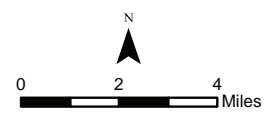
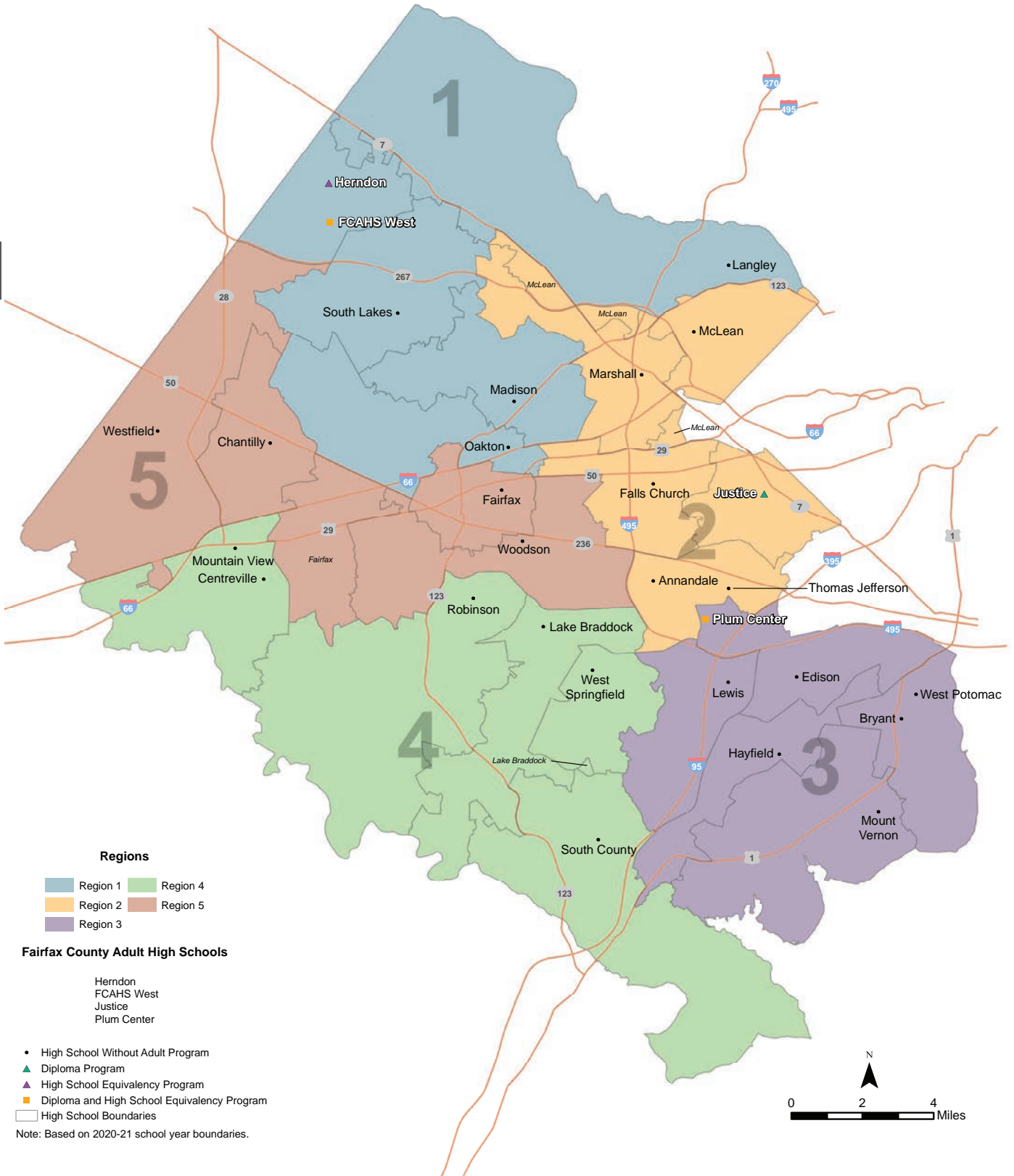


HIGH SCHOOL LOCATIONS WITH ACADEMY PROGRAMS | SY 2020–21



HIGH SCHOOL LOCATIONS WITH FAIRFAX COUNTY ADULT HIGH SCHOOLS | SY 2020-21

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ASSET MANAGEMENT PROGRAM

The Department of Facilities and Transportation Services, Office of Facility Management (OFM) instituted an asset management program in the early 2000s as part of its core mission. The program inventoried all major building systems, as well as associated equipment, and developed analytics to identify life-cycle expectations and optimize service life by application of an effective maintenance and replacement strategy. Along with life cycle analysis, OFM has implemented a process to perform and assign a base condition and mission criticality rating to each asset. The asset condition and criticality rating combine to provide an industry accepted asset assessment index (AI) value, which allows staff to prioritize resources for maintenance and replacement. The core program provides the foundation to ensure proper Resource Stewardship but needs additional investment to engage a third party for comprehensive condition assessment of each asset.

As defined in the Office of Auditor General (OAG) FY 2018 Facilities Maintenance Audit (FY 18 Audit); "Facilities condition assessment is the process of developing a comprehensive picture of physical conditions and the functional performance of buildings and infrastructure; analyzing the results of data collection and observations; and reporting and presenting findings. The main objective of the facilities condition assessment is to measure the condition and functionality factors that make both the building and its infrastructure of adequate condition and appropriate for intended functions. FCPS has never performed an asset-level facility condition assessment (FCA) to adequately validate the deferred maintenance backlog and to assist with prioritization of capital renewal needs."

OAG recommends further elevation and escalation of the need to initiate an asset-level facility condition assessment based on industry standards. The goal is to provide objective, consistent, accurate, and repeatable results to generate a more precise capital renewal funding forecast. This will also provide credibility in defending the balanced and equitable distribution of funding among FCPS schools. This effort will allow FCPS to have regular assessments of schools, identify specific projects, and allow the Fairfax County School Board (FCSB) and staff to ensure most urgent requirements are being addressed in a timely manner. OFM should adopt an asset level FCA program to adequately validate backlogs of deferred maintenance and prioritize capital renewal needs.

During the summer of 2008, per the request of the FCSB, the Department of Facilities and Transportation Services, Office of Design and Construction (D&C) dispatched an independent third-party engineering consultant firm, to evaluate the school renovation queue based on factors such as fundamental educational requirements and facility condition (building envelope) assessment. However, the survey did not entail an adequate assessment of capital assets at the asset level.

Critical building systems and components have been inventoried at all FCPS facilities, except for the schools currently under renovation. There are other capital assets that remain to be inventoried or completed such as; finished flooring, plumbing fixtures, exterior buildings, that will require capital investment to replace. Inventorying these assets will also increase existing financial requirements both in future needs and current deferred replacement backlog.

Based on findings in the 2012 Final Report for Performance Management Assessment, conducted by Facility Engineering Associates (FEA), it was identified that FCPS should realistically have a deferred maintenance backlog of \$530M.

Assets not currently included (or complete) in inventory:

- Asphalt (currently in progress)
- Roofing (currently handled by D&C)
- General flooring *
- Trails and paths

- Lockers
- Athletic buildings (concession, press, ticket) *
- Electric disconnects
- Athletic field lighting*
- Hardscape (basketball courts, aggregate parking/roads, concrete curb and gutter/sidewalks, fencing, exterior signage) *
- Landscape (non-turf, turf) *
- Field/Grounds maintenance (athletic fields, athletic fencing and backstop) *
- Signs (building and site signs) *
- Handicapped equipment –Door openers
- Storm Water Management Facility
- Plumbing fixtures *
- Painting-Interior and Exterior

(*) indicates assets not yet inventoried but to be done in the future

The FY 2018 Audit states: "It shall be the further goal of the Fairfax County School Board to provide for the systematic maintenance of major and critical building infrastructure components, primarily through the comprehensive building renovation program and, additionally, through the establishment of infrastructure maintenance programs in annual planning and budgeting. Infrastructure maintenance programs shall be based on the life cycle expectancy of building systems and components and shall assure that mechanical, electrical, electronic, and structural systems will support the effective and efficient operation of buildings.

Lack of adequate funding for facilities maintenance is allowing systems to run past the useful life cycle, is inefficient, and introduces a myriad of other risks and higher maintenance costs. The lack of funding support for a capital asset replacement program has created an environment where potential equipment failures are more likely to occur, which can result in the potential disruption of instructional time, though OFM strives to minimize both factors."

Currently, the average asset age of capital assets inventoried is 17 years with 30 percent of these past their life cycle as shown in **Table 1**

Table 1 Capital Asset Inventory and Life Cycle Information

ASSET CATEGORY	TOTAL ASSETS	ASSETS PAST USEFUL LIFE	LIFE CYCLE (YEARS)	AVGERAGE ASSET AGE (YEARS)	ESTIMATED REPLACEMENT COST
ADA Accessibility	27	10	27	22	\$ 569,249
Asphalt/Pavement	1,300	436	1,300	17	\$ 52,730,440
Athletic Infrastructure	474	108	474	16	\$ 68,609,037
Energy Management Systems	212	68	212	14	\$ 168,559,594
Fire Sprinkler Systems	3,453	1,164	3,453	20	\$ 16,729,749
HVAC Infrastructure	25,071	8,285	25,071	17	\$ 386,795,454
Mechanical/Electrical Systems	19,790	6,337	19,790	17	\$ 283,139,884
Playground Systems	248	131	248	16	\$ 33,965,075
Plumbing Systems	2,115	591	2,115	13	\$ 28,253,910
Structural Systems	708	343	708	19	\$ 42,208,475
Grand Total	53,398	17,473	53,398	17	\$ 1,081,560,868

According to the National Research Council (NCR) report entitled *Committing to the Cost of Ownership: The Maintenance and Repair of Public Building* as referenced in the 2012 Final Report for Performance Management Assessment, conducted by Facility Engineering Associates (FEA) “The appropriate level of Maintenance and Repair spending should be, on average, in the range of 2 to 4 percent of Current Replacement Value (CRV).” The funding level for capital infrastructure replacement has remained unchanged for the last five years at \$5.6M, which is the portion available from the County Transfer. The current capital infrastructure replacement backlog is at \$200M, and the projected 5-year capital asset End of Useful Life replacement requirements is an additional \$138M, as shown in **Table 2**.

Table 2 Infrastructure Replacement Backlog and Project Replacement Requirements

TYPE	BACKLOG	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Value
HVAC Capital Requirements	\$118.4M	\$19.4M	\$14.2M	\$9.1M	\$21.7M	\$10.8M	\$193.6M
Athletic Capital Requirements	\$5.1M	\$1.7M	\$1.1M	\$2.1M	\$1.5M	\$3.4M	\$14.9M
Asphalt Capital Requirements	\$9.4M	\$1.1M	\$881.3K	\$3.0M	\$1.5M	\$295.8K	\$16.2M
Major Maintenance Requirements	\$67.2M	\$6.8M	\$5.9M	\$9.4M	\$11.0M	\$13.6M	\$113.9M
Total Requirements	\$200.1M	\$29.1M	\$22.0M	\$23.6M	\$35.7M	\$28.1M	\$338.6M

Analyzing the five-year projected asset replacement forecast and factoring in current funding levels, a 27 percent increase in the total backlog amount is anticipated. FCPS will need an increase in the Infrastructure Replacement Funding (County Transfer) and Major Maintenance allocation to keep pace and provide effective resources good stewardship of FCPS capital assets, as shown in **Figure 1**. This increase will positively impact health, safety and indoor air quality, and provide an educationally inspiring environment in which students and staff can thrive.

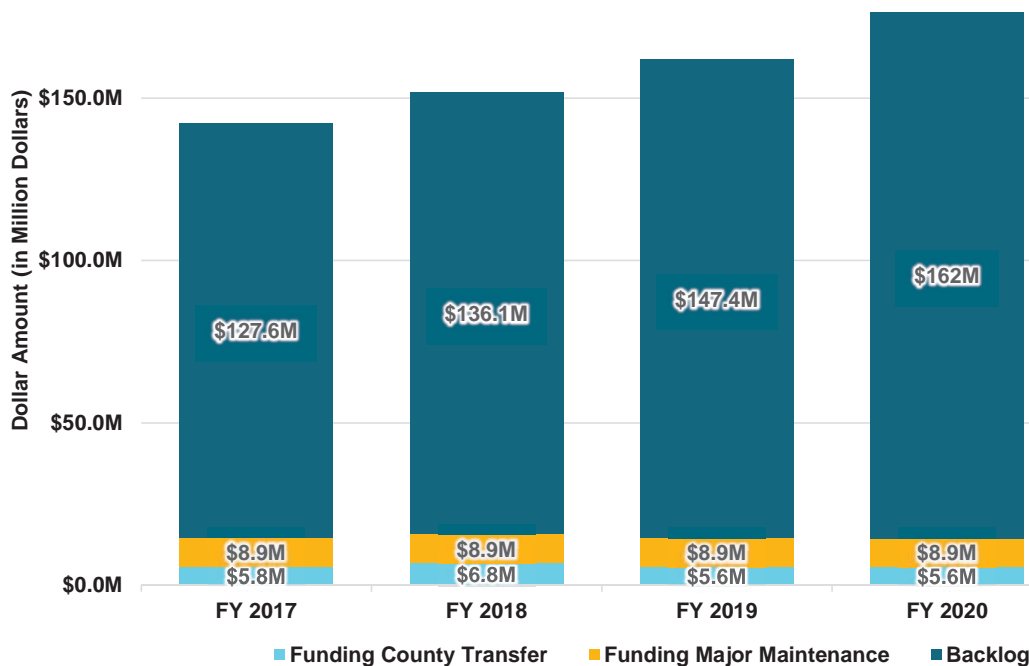


Figure 1 Five-Year Cash Flow Requirements

The County Transfer funds are solely dedicated to capital asset replacement, while Major Maintenance funds mostly cover major repair work. **Table 3** illustrates the allocation of the County Transfer within FCPS.

Table 3: FY 2017-21 Allocated Funding for Capital Asset Replacement and Maintenance Repair

CATEGORY	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
HVAC Capital	\$ 3,830,774	\$ 4,825,000	\$ 3,625,000	\$ 3,625,000	\$ 3,625,000
Asphalt Capital	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000
Athletic Capital	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000
Technology	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000
ADA Upgrades	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000
Safety and Security Enhancement	\$ 700,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000
Roof Replacements	\$ 3,625,000	\$ 3,625,000	\$ 6,125,000	\$ 3,625,000	\$ 3,625,000
Major Maintenance	\$ 10,000,000	\$ 10,000,000	\$ 10,000,000	\$ 10,000,000	\$ 10,000,000
Total	\$ 23,405,774	\$ 24,300,000	\$ 25,600,000	\$ 23,100,000	\$ 23,100,000

Another contributing factor to the current infrastructure backlog is the current building renovation schedule. As schools are renovated, D&C replaces and updates all building systems that have reached the end of the useful life. Useful life of school facilities and building assets require renovation of buildings on 25-year cycles which is also detailed in FCSB Policy 8252.2. The current cycle between renovations is approximately 37 years. However, infrastructure investments of building assets are required at shorter intervals based on the specific life cycle, as shown in **Figure 2**. These replacements are required to keep the building functional, maintain a satisfactory learning environment, and avoid excessive maintenance and repair.

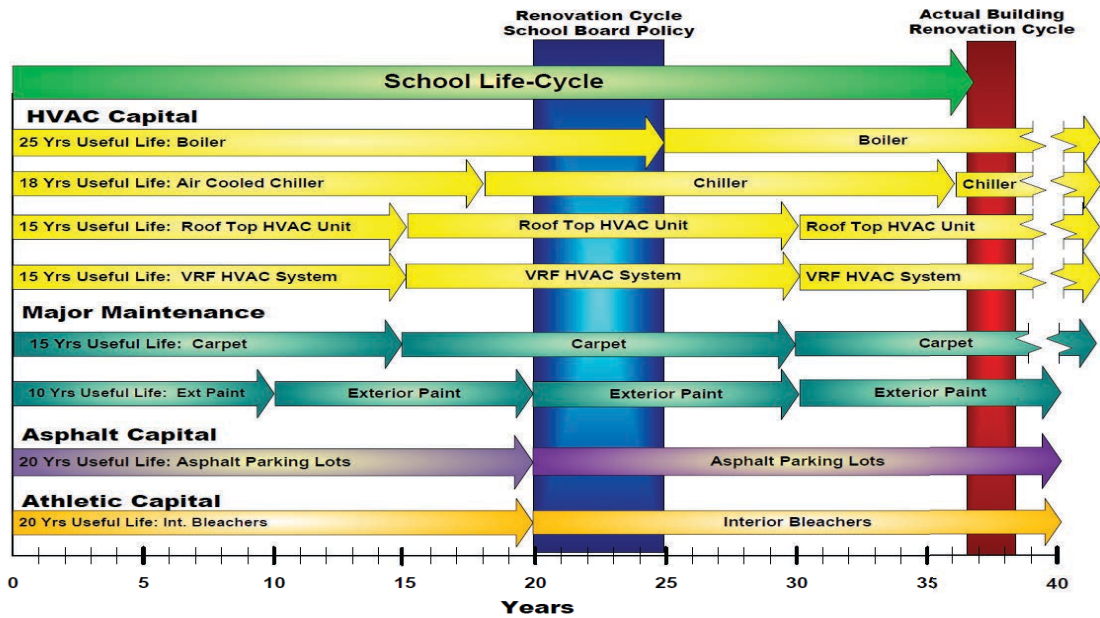


Figure 2 Renovation Cycle School Board Policy

OFM receives, on average, \$5.6M of the County Transfer a year. Based on the current funding, critical assets have been identified that need to be replaced, based on the following criteria:

- Safety and health
- Impending failures
- Maintaining immediate needs for normal occupying functions
- End of useful life (EOUL)
- Organizational liability

The five-year expenditure program, shown in **Table 4**, will also utilize a portion of the Major Maintenance budget support capital asset replacement.

Table 4 Capital Asset Replacement Five-Year Expenditure Program

PROJECT TYPE	NUMBER OF PROJECTS	EXPENDITURE
Asphalt Infrastructure	3	\$1M
Athletic Infrastructure	1	\$200K
HVAC and EMS	9	\$4M
Structural	1	\$400K
FY 2022 Capital Asset Replacement Total	14	\$5M
Asphalt Infrastructure	3	958K
Athletic Infrastructure	3	\$1M
HVAC and EMS	6	\$3M
Structural	1	\$600K
FY 2023 Capital Asset Replacement Total	13	\$6M
Asphalt Infrastructure	5	\$824K
Athletic Infrastructure	3	\$1M
HVAC and EMS	10	\$4M
FY 2024 Capital Asset Replacement Total	18	\$6M
Asphalt Infrastructure	5	\$890K
Athletic Infrastructure	4	\$1M
HVAC and EMS	7	\$4M
FY 2025 Capital Asset Replacement Total	16	\$6M
Asphalt Infrastructure	6	\$708K
Athletic Infrastructure	1	\$100K
HVAC and EMS	5	\$5M
FY 2026 Capital Asset Replacement Total	12	\$6M
Grand Total	73	\$28M

Major Maintenance funding supports repair maintenance projects, but also funds capital asset replacement needs. From FY 2016-20 Bond funding and the County Transfer has accounted for \$29M in capital asset replacement, as shown in **Table 5**.

Table 5 FY 2016–20 Bond and County Transfer Projects

FUND SOURCE	PROJECT TYPE	NUMBER OF PROJECTS	EXPENDITURE
FY 2011 Bond	HVAC	1	\$1M
FY 2011 Bond	HVAC	9	\$2M
FY 2013 Bond	HVAC	2	\$642K
Bond Total		12	\$3M
County Transfer	Asphalt Infrastructure Replacement and Upgrade	42	\$4M
	Athletic Infrastructure Replacement and Upgrade	14	\$3M
	HVAC Infrastructure Replacement and Upgrade	72	\$18M
County Transfer Total		128	\$25M
Grant Total		140	\$29M

During the same time period Major Maintenance has supported an additional \$15M in capital asset replacement projects, as shown in **Table 6**.

Table 6 FY 2016–20 Capital Asset Replacement Projects Supported by Major Maintenance

FUND SOURCE	PROJECT TYPE	NUMBER OF PROJECTS
Major Maintenance	ADA Playground Improvement	2
	Asphalt	37
	Indoor Bleachers	2
	Boiler Repairs/Retube	4
	Generators	2
	Gym/Stage Floors	5
	Hot Water Tanks	22
	Playgrounds/Equipment	48
	Tennis Courts	1
	Auditorium Seats	1
	HVAC	12
	HVAC Chiller Replacement	1
	HVAC MAUs Replacement	1
	HVAC RTUs Replacement	2
Grand Total		140

Between FY 2016-20 Major Maintenance funding has been used for over 3,000 projects at a cost of \$45M.

Table 7, below, documents maintenance and repair work funded by Major Maintenance.

Table 7 FY 2016–20 Maintenance and Repair Work Funded by Major Maintenance

FUND SOURCE	PROJECT TYPE	NUMBER OF PROJECTS	EXPENDITURE
Major Maintenance	ADA Playground Improvement	3	\$315K
	A/C	4	\$74K
	Asbestos	273	\$4M
	Asphalt	154	\$4M
	Indoor Bleachers	27	\$586K
	Outdoor Bleachers	7	\$16K
	Boiler Repairs/Retube	14	\$1M
	Carpet	68	\$596K
	Concrete	186	\$3M
	Electrical Service	6	\$111K
	Elevators	1	\$1K
	Poles	1	\$9K
	Floor Tile	340	\$3M
	Folding Doors/Gates	3	\$8K
	Generators	5	\$151K
	Gym/Storage Floors	89	\$1M
	Hot Water Tanks	28	\$764K
	Lockers	12	\$295K
	Lighting	3	\$29K
	Playground/Equipment	645	\$12M
	Radon	1	\$2K
	Stage Curtains	6	\$49K
	Tracks	49	\$1M
	Tennis Courts	27	\$1M
	Plumbing	25	\$578K
	Wink O Matics	1	\$8K
	Windows	3	\$63K
	Doors	7	\$31K
	Unprogrammed	245	\$2M
	Oil Tanks	18	\$330K
	Auditorium Seats	7	\$238K
	Fire Sprinklers	7	\$124K
	Painting Exterior	22	\$253K
	Playgrounds/Surfacing	5	\$73K
	Painting Interior	39	\$583K
	HVAC	95	\$4M
	Opening Doors for Sub-contractors	54	\$304K
	Gymnasium Vinyl Divider Walls	9	\$102K
	Fencing	63	\$317K
	Sewage Treatment Plant	8	\$29K
	Engineering Services (EE Staff)	8	\$56K
	Design Services (Outsource)	57	\$771K
	Ceiling Tiles	2	\$51K
	Landscaping Projects	3	\$15K
	Parking Lot Striping	12	\$71K
	Switchgear	78	\$607K
	Mulch Dig Out	2	\$94K
	Parking Lot Sweeping	524	\$550K
	Playground Mulch Top-off	1	\$8K
	HVAC Chiller Replacement	1	\$163K
	HVAC RTUs Replacement	2	\$302K
	HVAC MAUs Replacement	1	\$217K
Grand Total		3251	\$45M

The Facilities Planning Advisory Council (FPAC) advises the FCSB in areas concerning the development of a strategic, comprehensive, and long-term plans for facilities within the division. FPAC is intended to enhance community outreach and input into the facilities planning process.

Based on the FPAC Annual report for the 2016-2017 school year FPAC recommended that FCPS develop a proactive facilities maintenance program, to include:

- Continuing with the high-level facilities inspection to establish the order in which more in-depth inspections should occur and to develop overall budgetary requirements.
- Implementing a systematic review process to inspect all facilities over a five-year period, or 20 percent of facilities each year. This effort will allow FCPS to have regular facility assessments, identify specific projects, and allow the FCSB and staff to address the most urgent requirements in a timely manner.
- Calculating the total facilities deferred maintenance backlog to understand the financial impact on capital projects detailed in the CIP.
- Developing a backlog reduction spending plan equal to 1 percent of the current replacement value, or \$62 million/year, to align with industry standards. If this is not affordable, determine the amount of funds necessary to keep the backlog from increasing year over year, and fund at least that amount.
- Developing a resourcing plan to allow facilities maintenance program funds to grow proportional to increases in square footage, and to reflect standard inflation rates or another benchmark rate that is chosen.

Based on the FPAC Annual report for the 2017-2018 school year, the FPAC charge from FCSB for school year 2018-2019 is:

Continue to work with staff and build on work in the following areas:

- Develop a plan to identify major maintenance and asset management requirements;
- Develop a CIP that reflects the capacity and major maintenance requirements of FCPS and demonstrates the impact of the current funding limitations;

As relates to the major maintenance and asset management requirements, FPAC recommends that:

- FCPS provide support to the Facilities Maintenance staff to complete the asset inventory and assessment, and to create an asset management plan consisting of both periodic maintenance and major capital investments.
- A summary of the assessments and capital requirements should be included in the CIP.
- All building/facility assets and all sources of funding related to maintenance and construction of capital assets should be included in the CIP
- All FCPS facilities should be included in the CIP, not just the K-12 school buildings. The academies, special facilities, staff office buildings (e.g., Gatehouse), re-purposed prior school buildings, etc.; all require maintenance and renovation.
- All capital funding, regardless of the source, should be included in the CIP. Presently, the CIP includes bond funds, but not the \$13.1M transfer from the Fairfax County Board of Supervisors or other major maintenance funds from the operating budget.
- The CIP should include details of major maintenance, details of maintenance backlog, and details of how far behind industry standards FCPS is. The CIP should show the increase in deferred maintenance over time.

2020-2021 FPAC Annual Charge from School Board:

- Provide support to facilitate implementation of the accepted FPAC major maintenance and asset management recommendation.

Implementing the recommendations of OAG, FEA, and FPAC will ultimately improve the capital planning process to maximize the return on investment while decreasing asset failure rates and negative impact on facilities. Adequate funding of major infrastructure maintenance will help protect FCPS infrastructure investment while preventing failure of critical systems, deterioration of major capital investments, and significant health and safety hazards.



ENVIRONMENTAL SUSTAINABILITY AT FCPS

FCPS is one of the largest school districts in the United States. There are 220 facilities, including 198 K–12 schools. The division has been committed to taking innovative and cost-effective steps in order to contribute to climate stabilization. As a result, in 2008 the FCSB adopted Policy 8542 on Environmental Stewardship. In 2013 the policy was revised with the intent of supporting global environmental initiatives at a local level. FCPS is committed to including students and staff members within the responsibilities of environmental stewardship by utilizing readily available critical-thinking and communication skills to determine the most appropriate measures for FCPS to take in this effort. In October 2018, the FCSB passed the Resolution on Climate Change Action calling for state and federal action on climate change.

The resolution calls on the members of the Virginia General Assembly and the United States Congress to act on climate change and provide a regulatory framework that removes barriers to progress on climate action and encourages the rapid replacement of fossil fuels with renewable energy technology. It also directs the Superintendent to report in a timely manner to the FCSB any changes in state and federal policy that support the goal of reducing carbon consumption, along with staff proposals to make best use of those opportunities in facilities and transportation planning. In 2018, FCPS Regulation 8534 Energy Conservation Measures set guidelines for conserving energy in buildings and FCPS-operated vehicles.

POLICIES AND INITIATIVES

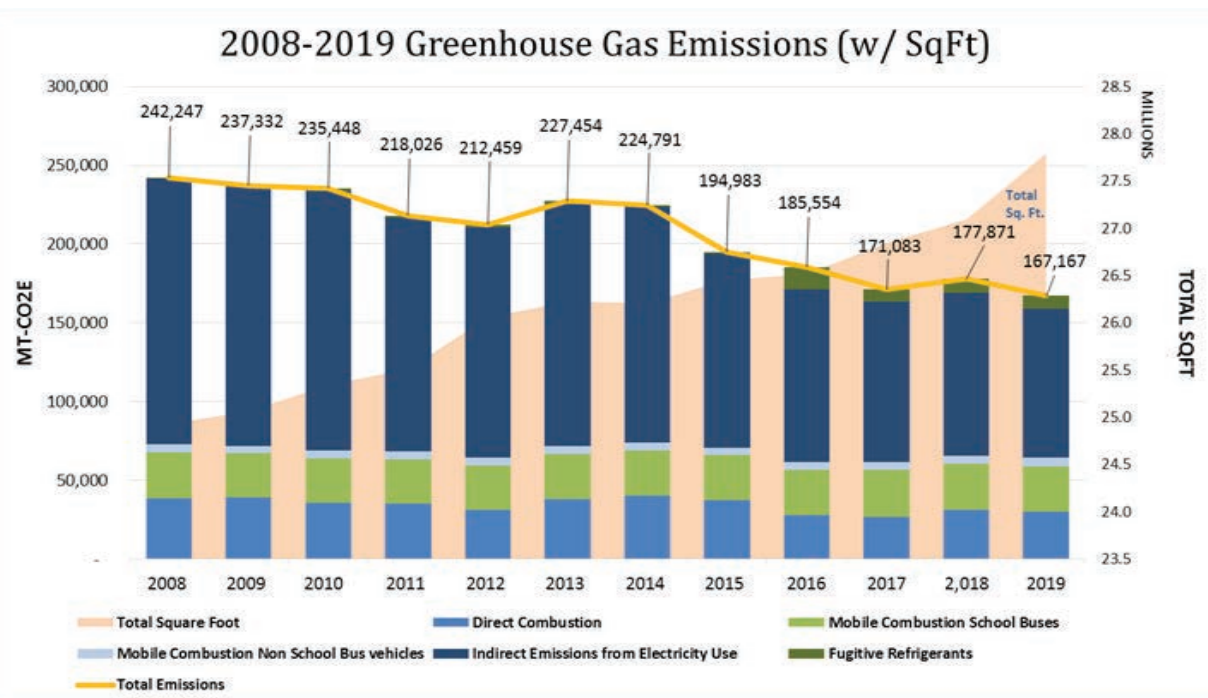
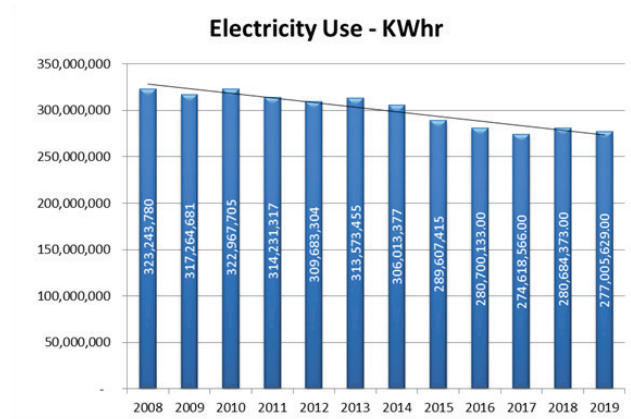
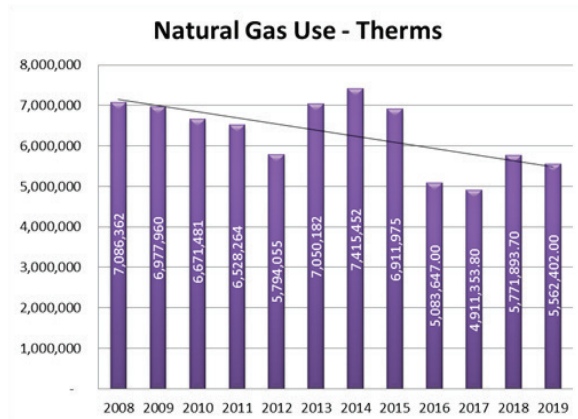
Policies and initiatives at FCPS are aligned with local, regional, and national goals for environmental stewardship. Most notably are those identified in the Metropolitan-Washington Council of Government's (MWCOG) Regional Climate and Energy Action Plan and the U.S. Department of Energy Better Buildings Challenge. Goals include energy intensity reduction of 20 percent over a 10-year period and of 80 percent by the year 2050. FCPS has reduced energy intensity over 18 percent in the first six years of the 10-year period. Both plans put forth commitments and recommended actions aimed at reducing the carbon impact of the built environment, including those related to energy usage and transportation, while increasing resiliency and improving education and outreach.

In addition to aligning with these goals, FCPS works closely with Fairfax County and its Environmental Vision which recognizes the responsibility to be good stewards in order to ensure a sustainable future. The vision focuses on two key principles: (1) to conserve our limited natural resources and (2) to commit to providing the resources needed to protect our environment.

RESULTS OF ENERGY EFFICIENCY IMPROVEMENTS AND GREENHOUSE GAS REDUCTIONS

- **Reduced Energy Use:** FCPS has most recently achieved an annual reduction of 18 percent in total energy use divisionwide in 2019 compared to 2013.
- **Savings from Energy Use Reductions:** Cumulative energy cost avoidance of more than \$31 million has resulted from the reduced energy consumption since 2013.
- **Reduced Greenhouse Gas Emissions (CO₂e):**
 - » FCPS emitted 167,167 metric tons of CO₂e. This is a decrease in emissions from the 2018 inventory of 6.59 percent.
 - » From 2008 to 2019 GHG emissions have decreased 30.9 percent.

The energy and CO₂e reductions have been achieved despite the addition of 696,198 square feet of school building space from 2018 to 2019 to accommodate increasing student membership as more families send their children to FCPS schools. The number of students in FCPS grades K–12 is over 202,000, an increase of 4338 between SY 2017-2018 and SY 2018-2019 school years.



Accomplishments in sustainability have been recognized by the Environmental Protection Agency (EPA):

- Energy Efficiency:** FCPS earned the ENERGY STAR PARTNER OF THE YEAR award from the United States Department of Energy in 2017 and 2018. In 2019 and 2020, FCPS earned the 2019 ENERGY STAR Partner of the Year—Sustained Excellence Award in recognition of its ongoing energy achievements. This award is given in recognition of superior energy and sustainability performance and practices.
- ENERGY STAR CERTIFIED School Buildings:** All FCPS schools have been and continue to be benchmarked in the EPA ENERGY STAR Portfolio Manager website. FCPS makes all of this information available to the general public with the following credentials:
- ENERGY STAR Portfolio Manager:**
<https://portfoliomanager.energystar.gov/pm/login.html>
 - » User ID: FCPSguest
 - » Password: VIEWonly!
- 184 FCPS facilities have earned an ENERGY STAR certification at least one time
- FCPS has earned a total of 579 ENERGY STAR certifications





DEVELOPING SUSTAINABLE CITIZENS THROUGH GET2GREEN

FCPS has a goal of graduating students as ethical and global citizens who are stewards of the environment. FCPS pursues this goal through Get2Green, the division's comprehensive environmental stewardship and sustainability program. Get2Green's mission is to promote student learning and action using the environment as a foundation. Initiatives are aligned with the goals of Student Success and Caring Culture in the FCPS Strategic Plan. Get2Green provides support for school-based teams working on hands-on environmental action to improve the sustainability of their school and community. Green teams are active at many schools with student-driven stewardship activities such as reducing waste, planting and maintaining wildlife habitat, conserving energy, and tending edible gardens. Some highlights of Get2Green's work include:

- Professional development provided to teachers working on school-based Get2Green activities to support them in leading students in hands-on environmental stewardship connected to the development of Portrait of a Graduate attributes.
- 136 FCPS Eco-Schools registered with the National Wildlife Federation Eco-Schools USA program (and an additional 37 schools interested in becoming Eco-Schools).
- 53 schools achieved awards through the Eco-Schools USA program, including the only schools nationwide with permanent Green Flag status (Lanier MS, Centreville ES, and Flint Hill ES).
- 89 schools with edible gardens (and an additional 41 schools interested in starting an edible garden).
- 118 schools with wildlife habitats containing plants native to Virginia (and an additional 30 schools interested in starting a wildlife habitat).
- 56 schools engaging students in hands-on energy conservation programs (and an additional 65 schools interested in starting a program).
- \$80,000 from grants acquired since 2018 to support further student engagement in environmental stewardship activities, to expand equitable access to these opportunities, and to equip classrooms for environmental science 9th grade pilot course.
- FCPS Earth Week programming offered since 2018 to engage staff and students in simple and educational environmental stewardship activities on such topics as watersheds, consumption and waste, energy, biodiversity, and climate change.
- Grow at Home Kits created in collaboration with Food and Nutrition Services. In summer 2020, 4,000 kits were distributed to 9,000 students at 63 meal distribution sites throughout the county.
- Communication improved with more than 7,500 subscribers to the monthly Get2Green newsletter and more than 900 followers to the @fcpsget2green Twitter account. The newsletter and Twitter platforms are used to share information about environmental stewardship initiatives, opportunities, and resources in FCPS.

One of the most notable accomplishments of the FCPS Get2Green team is the continued success of a public Get2Green website with school-specific energy and recycling data that went live in summer 2016. In 2020, the website was updated with a new resource hub and resources for engaging students and teachers in environmental stewardship virtually.

REDUCTION OF ENVIRONMENTAL IMPACTS

FCPS has reduced the environmental impacts of facilities in the areas of energy usage, non-point source pollution, water conservation and waste. The division is a charter member of the Collaborative for High Performance Schools (CHPS) and is following the Virginia CHPS Criteria (VA-CHPS) benchmark system for design and construction of high performing and sustainable school buildings that are efficient, comfortable, environmentally responsible, and providing healthy spaces for learning.

The most energy efficient building products, heating and cooling system components, and lighting systems that the project budgets allow are included in school renovations, new construction, and equipment replacements. These include roofing, wall, and window components along with heating and cooling equipment such as condensing boilers and Energy Recovery Units (ERUs), and Variable Refrigerant Flow (VRF) systems. LED lighting and Automatic Temperature Control (ATC) systems that enable tight occupancy scheduling are also included. Design features in renovations and new construction include window designs that allow more controllable natural lighting in classroom spaces (eliminating need for electric lighting at times), the reduction of glare and solar heat by Low E coatings and light shelves (less solar heat requires less cooling), occupancy sensors for lighting based on occupancy so lights are turned off when not in use, and de-lamping that reduces the number of light fixtures while providing appropriate lighting levels.

In older schools with components at or beyond useful life, equipment replacement includes ATC systems replacing existing temperature control systems, heating and cooling equipment as mentioned above, and lighting improvements that include de-lamping, all to the extent budgets allow. Measures FCPS utilizes to promote the reduction of environmental impacts in these areas follow.

Energy Conservation Measures Reducing Greenhouse Gas (GHG) Emissions:

- Behavioral Energy Consumption:** FCPS launched a divisionwide energy management, conservation, and educational program in partnership with Cenergistic, Inc. in 2014. The program focused on organizational and behavioral changes to conserve energy, with the goal of saving dollars to be reinvested in facility and equipment improvements. Since expiration of the partnership, FCPS has incorporated the program into its Energy Management Section. Cost avoidance savings of the program to-date are \$24.6 million.
- Energy Efficient Roofs, Walls, and Windows:** The building envelope is a very important part of construction. Every dollar spent on it has a long-term effect on the building's energy efficiency. In addition to upgrading wall insulation, an air barrier product is used to make the wall even more efficient by reducing air infiltration. Double glazed, low-E windows with thermal insulated frames are installed. Reflective R-30 white gravel cool roof assemblies reduce the amount of solar heat reaching occupied spaces, reducing the cooling loads for HVAC equipment.



Daylighting design improves the quality of lighting and reduce electricity use; LEDs consume 80 percent less electricity than Incandescent lighting.

- **Automatic Temperature Control (ATC):** HVAC equipment is controlled by a computerized Automatic Temperature Control (ATC) system. It saves energy by stopping and starting equipment, setting temperatures back during unoccupied times, controlling the intake of fresh air, and it allows network access to help Energy Management manage efficiency and troubleshoot equipment without putting trucks on the road unnecessarily.
- **Energy Recovery Units (ERU):** Energy Recovery Units exchange heat energy between incoming unconditioned ventilation air and outgoing conditioned exhaust air. This exchange effectively pre-conditions the incoming air for cooling or heating, saving a corresponding amount of energy. (In order to maintain indoor air quality, fresh air must be added to occupied spaces and stale air removed. The volume of fresh air must match the volume of stale air exhausted.)
- **Efficient Boilers:** Conventional boilers are 80 percent efficient at best, while condensing boilers are 90 percent+ efficient using natural gas. Conventional boilers allow most of the exhaust heat from combustion gases to escape, while condensing boilers transfer/direct this heat to the spaces being heated instead.
- **Efficient Chillers:** Cooling occupied spaces is accomplished with magnetic bearing, water cooled, screw chillers that provide enhanced efficiency of chiller operation.
- **Ground Source Heat Pumps (GSHP):** Ground Source Heat Pumps heat and cool using the constant temperature of the earth extracted from wells hundreds of feet deep for the source of heat transfer. This improves efficiency of the heat pump technology.
- **Variable Refrigerant Flow (VRF) systems:** VRF units work only at the rate needed allowing for energy savings at load conditions. In addition to the improved efficiency, interior temperatures in rooms can be controlled individually instead of being included in larger zones.

- **Variable Frequency Drive (VFD):** VFDs are installed on large HVAC equipment to control speed of the motors in response to system demand. This feature prevents pumps and fans from running at full speed when they do not need to, thus saving energy.
- **ECM motors (Electronically Commutated Motors):** These motors are specified for pumps and fans to reduce electricity use during operations. They adjust the power of the motor in response to changing load conditions in order to maintain work output.
- **Electrical Plug Load:** FCPS uses power management controls of computers and the installation of ENERGY STAR rated walk-in coolers, ovens, ice makers, refrigerators, and holding/proofing cabinets in school kitchens. (Electrical plug load is the electricity required to operate equipment plugged into electrical outlets, such as computers and appliances.)
- **LED Lighting:** Highly efficient LED lamp fixtures are installed in interior spaces, replacing fluorescent and incandescent to reduce electricity use. LED lamp fixtures are also used for exterior lighting (building exterior, parking lots, sidewalks, athletic fields, etc. LED lamps consume 80 percent less electricity than incandescent lamps.
- **Lighting Based on Occupancy:** Occupancy sensors are installed in classrooms to help ensure that lights do not remain on when a room is empty. Multi-level switches in classrooms allow occupants to control levels of lighting in combination with natural light to save electricity.
- **De-Lamping:** Numbers of lighting fixtures and/or numbers of lamps



Ground Source Heat Pumps heat and cool using the constant temperature of the earth extracted from wells hundreds of feet deep for the source of heat transfer.

in fixtures are eliminated to reduce energy use while maintaining the same or improved quality of lighting.

- **Daylighting:** Every effort to introduce natural light into each classroom and large spaces such as libraries, lobbies, and gyms to improve the quality of lighting and reduce electricity use is made during design. Daylighting is achieved through design features such as window sizes, Low E coatings, placement, shades, light shelves, skylights, and solar light tubes.
- **Grounds Equipment:** Gasoline powered equipment is being replaced with diesel powered equipment adhering to EPA's Tier 4 (T4) emission standard when equipment is due for replacement. Tier 4 engines include after treatment devices such as diesel oxidation catalysts (DOC) and DPF to further reduce FCPS environmental impact.
- **Transportation:**
 - » When selecting replacement vehicles, preference given to those with improved fuel economy and reduced emissions.
 - » School bus routes are designed for efficiently picking up and delivering students.
 - » Retrofitting diesel powered buses with diesel particulate filters (DPF) and temperature control devices (TCD) within the exhaust systems in conjunction with Fairfax County and the Virginia Department of Environmental Quality (DEQ).
 - » FCPS is assessing electric vehicle technology in order to determine when electric vehicles will become smart investments as an alternative for diesel powered buses. Reliability and range are critical components to supporting FCPS' mission of safe student transport and delivery, so electric vehicles are not viable alternatives to diesel as of yet. Also, Dominion Energy has a limited grant program supporting purchasing of an electric bus which FCPS is applying for.

Water Conservation Measures Reducing Consumption:

- **Efficient Plumbing Components:** Significant reductions in water consumption by occupants result from the installation of EPA WaterSense qualified faucets, toilets, urinals, and sensor type faucets. These toilets use 0.5 gallons per flush (GPF) and Urinals 0.125 GPF rather than the higher Federal plumbing standards of 1.6 gallons per flush (GPF) for toilets. Many older toilets use as many as 3.5, 5, or even up to 7 GPF.
- **Reducing Irrigation:**
 - » Installation of cisterns has been done on FCPS school sites on a small scale for local irrigation of landscaping, and on a large scale for irrigation of natural turf athletic fields. A cistern is a collection facility to hold rainwater for later use, typically for irrigation, and to control flow of water into a storm sewer. (The Marshall HS cistern has a capacity of about 335,000 gallons of storm water.)
 - » Replacement of natural turf athletic fields with artificial turf eliminates the need for irrigation. The artificial turf fields also eliminate the Greenhouse Gas Emissions produced by motorized mowing and landscaping equipment required by natural turf.
- **Rain Barrels:** Schools maintaining their own gardens typically use rain barrels rather than municipal water for spot watering plants. FCPS facilitates the acquisition and installation of the rain barrels.



Roof rainwater storage container for watering plants in the greenhouse at Thomas Jefferson High School for Science and Technology.

Environmental Pollution Reducing Measures:

- **Recycling:** FCPS coordinates its recycling with Fairfax County Department of Public Works and Environmental Services. Plastics numbered 1 and 2, paper, cardboard, and aluminum and tin cans are required to be collected at schools, offices, and support facilities for recycling. The designation of these materials is based on what materials are being accepted for recycling at this time.
- **Reducing Plastic Waste from Water Bottles:** Water bottle filling stations allow school occupants to refill water bottles rather than putting them into the recycling or trash streams. The stations are well used by environmentally aware students. Just one of the water bottle filling stations located in George C. Marshall High School keeps over 40,000 bottles out of the recycling or trash streams every year.
- **Repurposing Existing school Building Structure:** Construction waste materials are separated and recycled, reused, or repurposed as much as possible. Wherever possible during renovations and expansions, existing building structures are retained and repurposed to reduce construction costs and the volume of demolished construction materials that must be either salvaged, recycled, or sent to the landfill for disposal.
- **Regionally Sourced Building Materials:** Using regionally sourced building materials and other products along with local recycled-content and rapidly renewable construction materials to the degree possible.
- **Controlling Point Pollution from Storm Water Runoff:** A substantial percentage of the cost of a construction project goes towards storm water management. In addition to meeting the PFM requirements, FCPS partners with the Fairfax County Storm Water Planning Division (SWPD) to enhance storm water management beyond what is required at a Bond funded project. FCPS also coordinates with the SWPD when there are opportunities at schools not undergoing renewals. FCPS Bond construction projects have many storm water control elements, such as:
 - A. **Improved Water Infiltration into the Ground:** The soils in our area typically do not allow water to infiltrate into the ground very rapidly. To encourage storm water to percolate into the ground and replenish the ground water system, soil amendments are used where practical to increase storm water infiltration. Organic material is tilled into the soil to help offset the effect of the clay typically found in the soil in our area.
 - B. **Storm Water Detention:** This type of facility collects and stores runoff from parking lots and fields, releasing it slowly into the storm sewer system. At sites where an adequate infiltration rate is present, the facility can also release water for infiltration into the ground. Parking lots, landscaping, walkways and fields are usually installed over an underground storm water detention facility.



- C. **Reforestation:** The reforestation of areas on school sites help mitigate storm water runoff by absorbing water. Drought resistant trees and plants native to this region are used because they are suited for this climate and do not require irrigation. The trees absorb carbon dioxide and assist with improved air quality around the schools. Over 1,500 trees and over 4,100 shrubs were planted by FCPS in the past two years. With few exceptions, only native and non-toxic fruit bearing vegetation was planted. No invasive species were planted, and in most cases existing invasive species are removed using procedures prescribed by Fairfax County's Urban Forest Management Department.
- D. **Bio Swales and Dry Ponds:** A dry pond and a bio swale store storm water and allow water to simultaneously infiltrate into the ground with excess water during heavy rains being released slowly into a storm sewer system. They drain until empty. Trees, plants, and grasses provide filtering of released water, reducing pollution. Dry ponds are less desirable than other more expensive options because land is devoted to just the one purpose and cannot do "double duty" like underground options can.
- E. **Filterras:** A Filterra is an engineered bio-filtration system filled with a filter media to filter pollutants out of storm water runoff before it enters the main part of the storm sewer system. Storm water runoff enters Filterra system and flows through a specially designed filter media mixture which captures and immobilizes pollutants. Pollutants are then decomposed, volatilized and incorporated into the biomass of the Filterra system's micro/macro fauna and flora.
- F. **Pervious Hard Surfaces:** Pavement, concrete, and pavers that allow rainwater to soak through and infiltrate into the ground rather than run off are being installed in appropriate locations. A very important location is vehicle parking areas because contaminated water infiltrates the ground rather than flowing directly into storm sewers.
- **Reduction of Light Pollution:** LED exterior and parking lot light fixtures are designed and positioned to eliminate general light pollution and to shield wildlife living in adjoining natural areas from light trespass.
 - **Indoor Environmental Quality (IEQ):** High efficiency filtration media are used to filter air in occupied spaces of the schools. Also, Demand Control Ventilation based on humidity is installed in key areas. Ventilation in high occupancy areas such as gymnasiums, cafeterias, and libraries is controlled by the levels of CO₂ in those spaces to help assure improved IEQ.
 - **Low Volatile Organic Compound (VOC) emitting materials and paints:** Low VOC construction components plus furniture, carpets, and paints are selected for reduced indoor pollutants due to reduced off-gassing of VOCs.
 - **Green Cleaning:** Green cleaning products and procedures are practiced to minimize negative effects on IEQ and help protect the health of employees and students. FCPS utilizes microfiber cleaning cloths, treated dust mops, Green Seal certified cleaning chemicals, HEPA vacuums, dust collecting burnishers, as well as walk-off floor matting. FCPS adheres to more stringent indoor air quality standards than are required by the Environmental Protection Agency (EPA).



Filterras® storm water bio-filtration systems are installed to filter pollutants from stormwater at renovated schools' parking areas.

(Left photo) Native trees are planted during school renovations, tree replacements, habitat enhancements, and student education.

RENEWABLE ENERGY—SOLAR AND GEOTHERMAL

FCPS has been a leader in Virginia in the utilization of solar energy since the 1970's when the division constructed the first schools on the East Coast to utilize solar panels as an energy source (Terraset and Terra Centre Elementary Schools). Currently, there are six solar installations on FCPS facilities: three roof-mounted photo-voltaic solar arrays at Rachel Carson MS, Thomas Jefferson HS, and Frost MS (funded by grants and fundraising), one ground-mounted photo-voltaic solar array at Franklin Sherman ES (donated by local business) and two roof-mounted installations for solar thermal heating of potable water at Glasgow MS (funded by bonds through the FCPS CIP) and Thomas Jefferson HS (funded by grants and fundraising). In addition to solar, FCPS also has one geo-thermal installation at Mason Crest ES (CIP). These projects highlight divisionwide enthusiasm toward renewable energy and provided excellent hands-on educational tools for science, technology, engineering, and mathematics (STEM) subjects taught to students.

Large solar projects were not pursued in the years leading up to 2015 by FCPS. Funding such projects could not be justified due to the combination of low utility rates paid by FCPS and high acquisition cost for solar systems at that time. In 2015, Power Purchase Agreements (PPAs) were becoming attractive as costs of solar power generation equipment fell and electric utility rates increased. FCPS began conducting feasibility studies to determine the environmental and economic benefits. With a Power Purchase Agreement, a solar PPA company installs solar equipment and maintains the solar system while the PPA client pays for solar power generated at agreed-to electricity rates instead of paying a utility for non-renewable power. It was determined that electric rates associated with PPA solar power generation were still too high in 2015, so FCPS continued to explore options through 2018.

2018 brought new potential for solar as costs continued to decline. FCPS amended its Capital Improvement Program (CIP) to expand its commitment to renewable energy resources. In 2019, FCPS partnered with Fairfax County Government in a Solar Power PPA Request for Proposal (RFP). The RFP was issued to solar companies in June of 2019. It included FCPS schools with other buildings owned by Fairfax County. Solar contractors were selected and FCPS is entering the next step in the process as of this writing, which is evaluations of those schools with greatest potential for solar. There are 87 schools to be evaluated for capacity to accommodate the additions of solar power generation systems.

Renewable power generation, particularly solar power generation, will remain a high priority for FCPS for the foreseeable future. There is one situation, however, limiting the potential for solar power to grow significantly. Commonwealth of Virginia law has a maximum limitation of total power generation from all solar power facilities within the Dominion Energy territory of 50 MW of generating capacity, and the single project size limit is 1 MW of capacity. The FCPS School Board has strongly recommended to the State Corporation Commission that its upcoming biennial review of the Virginia Renewable Energy Pilot Program include a recommendation to the state legislature to increase the cap on individual solar projects to 3 MW of capacity and increase the maximum of the sum of solar generation to 500 MW of capacity.



NET ZERO ENERGY AND NET ZERO READY STUDY

The Joint Environmental Task Force (JET) was established in April 2019 as a result of a joint environmental collaboration between Fairfax County Board of Supervisors (FCBOS) and Fairfax County Public Schools (FCPS) following a joint Environmental Policy Meeting between the two Boards in 2019. JET was charged with working with staff and engaging the community to identify areas for collaboration between Fairfax County government and FCPS to further county efforts in energy efficiency and environmental sustainability, developing implementation strategies, and making recommendations to the Boards. The mission of the joint task force is to join the political and administrative capabilities of the county and the school division to proactively and equitably address climate change and environmental sustainability.

During the School Board meeting held in October 2020, JET recommended that Fairfax County government and School Operations commit to being energy carbon neutral by 2040. In addition, JET recommended that all new county buildings and major renovations beginning planning and design in 2021 and beyond must achieve Net Zero Energy (NZE) performance. An NZE building is defined as one that is highly energy-efficient and produces onsite, or procures offsite as necessary, carbon-free renewable energy in an amount sufficient to offset the annual energy use associated with operations. An NZE building is often developed with highly insulated window design, high-performance insulation, and solar panels. In comparison, a Net Zero Ready (NZR) building is designed and constructed in the same way as an NZE building, but without the renewable energy source to offset the energy consumed by the building. The NZR building is constructed to allow the renewable energy source to be added in the future.

A Net Zero Energy (NZE) and Net Zero Ready (NZR) Study was recently completed in December of 2020. The Office of Design and Construction and the Office of Facilities Management collaborated with Perkins Eastman, an international architectural firm, to complete the study. The purpose of the study was to produce a comparative cost analysis for NZE and NZR schools, as well as school buildings constructed per the FCPS standard construction methods as outlined in the FCPS 2019 Bond Design Package. FCPS conducted the study on elementary school buildings and utilized Stratford Landing Elementary School as the basis for the comparison.

The study consists of providing construction cost estimates for six comparative cost models. The building construction models of comparison are as follows:

1. Renovations with Additions (RVA-Bond)
2. New Construction (NC-Bond)
3. Renovations with Additions (RVA-NZR)
4. New Construction (NC-NZR)
5. Renovations with Additions (RVA-NZE)
6. New Construction (NC-NZE)

Additionally, the study outlines the construction method differences between NZE and NZR schools, the current FCPS 2019 Bond Design Package, and will comparatively detail the following:

- Life Cycle Costs
- Energy Use Intensity
- Energy Modeling
- Collaborative for High Performing Schools (CHPS) Ratings
- High Performance Learning Environment
- Roof Assemblies
- Wall Assemblies
- Windows

- Electrical Systems
- Mechanical (HVAC) Systems
- Plumbing Systems
- Aesthetics
- Indoor Environmental Quality (IEQ)
- Maintenance and Operations
- Other adjacent school districts trends

A Net Zero Energy building is an important element in achieving carbon neutrality. The study is fundamental to Fairfax County Public Schools' efforts to move toward Net Zero Energy performance carbon neutrality by 2040.

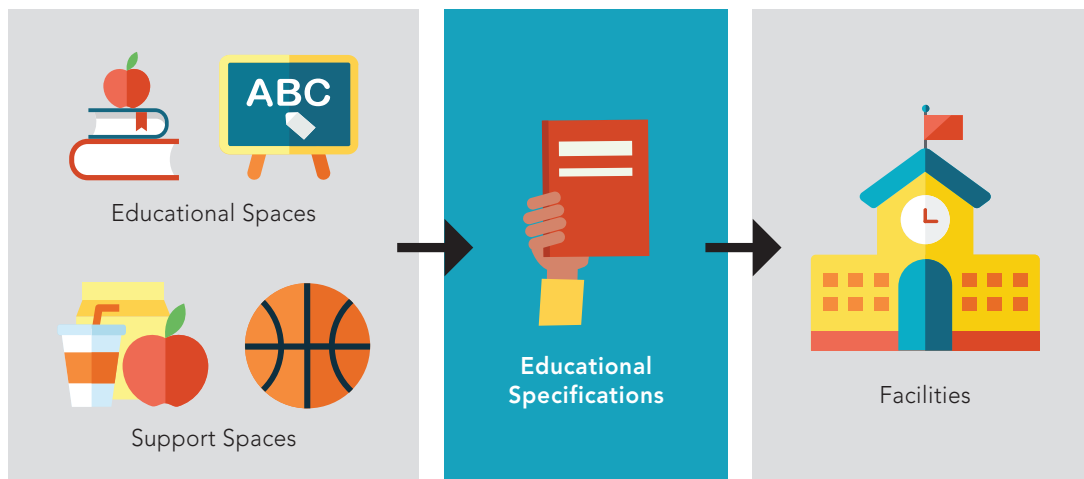


FAIRFAX COUNTY PUBLIC SCHOOLS EDUCATIONAL SPECIFICATIONS CHANGES 2019-2021

Overview

Educational Specifications (EdSpecs) are criteria for spaces in schools that support the implementation of the instruction program approved by the School Board. The criteria identify basic educational and support spaces to be included in school buildings when they are designed. Fairfax County School Board Policy 8230, School Design, sets the requirement for educational specifications. FCPS has EdSpecs for elementary schools, middle schools, high schools, and special education spaces. Each one prescribes the appropriate spaces to be included, the quantity, their size, capacity, how each space is outfitted, and the appropriate location within a school. FCPS strives for precise facility planning to ensure adequate physical space for students, staff, and programs. These guidelines are a critical component as a school goes through a renovation, new programs are offered in facilities, and when there are capacity concerns. The EdSpecs serve to ensure equitability across the school portfolio, ensuring each school is designed to the most up-to-date design standards. Schools going through a renovation are designed to the EdSpec in effect at the time of design. These specifications continually adapt to meet current practices and guidelines set by the state.

EdSpecs are reviewed to follow current state guidelines and best practices every two years in conjunction with the bond cycle. School Board Regulation 8120 sets forth a review by a working group. The Instructional Services Department (ISD), in cooperation with the Department of Facilities and Transportation Services (FTS), the Department of Information Technology (DIT), selected principals, instructional staff members, and consultants, shall meet periodically to review the educational specifications and recommend changes based on current approved educational programs. Newly added educational specification items are implemented in the preceding bond cycle via the Capital Improvement Program (CIP).



Changes from 2019 to 2021

The following changes to the EdSpec are set for implementation after adoption of the 2021 Bond.

1. Restroom Signage for Staff

Signage for single-user restrooms located in central administration and workrooms will now say "Staff Restroom," versus having a "Men's" or "Woman's" designation. This change increases staff access to restrooms, reducing overall wait time.

2. Limited use of Motorized Folding Partitions

The EdSpec updated locations where folding partitions versus motorized partition are appropriate. This is pursuant to the new Virginia law, Wesley Lipicky Act, signed in 2019, that bans the use of motorized partitions when students are in the room except when the partitions are equipped with safety devices.

A. Manual folding partitions to be used at the following locations:

- All instructional classrooms at all levels (ES, MS, and HS)
- Existing elementary school stages

B. Motorized folding partitions to remain at the following locations:

- High school Cafeteria
- High school Lecture Hall
- High school Driver's Education classrooms
- High school Heath classrooms
- High school Library
- High school collaborative spaces
- High school Special Education classrooms
- New elementary school stages

3. Reduction of Corridor Lockers in Middle and High Schools

The EdSpec was updated to reduce the count of student corridor lockers at the middle and high schools due to the FCPSON program, a new trend in instructional delivery. This trend uses fewer printed textbooks and more use of electronic devices, transitioning to the use of laptops. In addition, corridor lockers can create congestion in schools with narrow hallways making it difficult for students to move efficiently between classes. For more information on FCPSON program:

<https://www.fcps.edu/resources/technology/fcpson>.

The following corridor locker changes are as follows:

- A. Middle School: Reduction to 50% of the design capacity.
- B. High School: Reduction to 25% of the design capacity

These are flexible depending upon community/school culture and need.

4. Floor Finish Update in Team Rooms at High Schools

The EdSpec was updated to change the floor finish in the team rooms located within the Athletic P.E. Locker Room Complex at high schools from vinyl composition tile (VCT) to ceramic floor tile. Ceramic tile is a more durable material and does not require wax, which creates a slippery surface for students wearing cleats.

Changes In Progress for Future Educational Specifications:

1. Outdoor Classroom Facilities
2. Gender Neutral Bathrooms
3. Reflection/Prayer Room

APPENDIX

SCHOOLS (K-12)

Notes:

*City of Fairfax School

Instructional Area represents the existing square footage (as of December 2020) of the school building including School-Aged Child Care rooms and any modular square footage. Instructional area does not include any area of the building that is used for FCPS Operational Support, a Fairfax County agency (such as a clinic), or a community group.

Building area is gross square area (GFA).

Temporary classroom area is not included in any square footage.

Feeder School(s) to which or from which students progress are listed for each school.

A

ALDRIN ES

Region 1
Year Opened 1994
Capacity Enhancements ---
Renovations ---
Instructional Area 97,436 SF
Building 97,436 SF
Acreage 13.69
Feeder School(s) *Herndon MS, Herndon HS*

ANNANDALE HS

Region 2
Year Opened 1954
Capacity Enhancements 2010
Renovations 2005
Instructional Area 340,055 SF
Building 324,589 SF
Modular 15,466 SF
Modular Classrooms 14
Temporary Classrooms 8
Acreage 28.04
Feeder School(s) *Holmes MS, Poe MS, Annandale Terrace ES, Braddock ES, Bren Mar Park ES, Columbia ES, North Springfield ES, Parklawn ES, Weyanoke ES*

ANNANDALE TERRACE ES

Region 2
Year Opened 1964
Capacity Enhancements 2002
Renovations 1991, 2020
Instructional Area 101,044 SF
Building 101,044 SF
Modular 11,726 SF
Acreage 12.00
Feeder School(s) *Poe MS, Annandale HS*

ARMSTRONG ES

Region 1
Year Opened 1986
Capacity Enhancements 1990
Renovations ---
Instructional Area 80,000 SF
Building 80,000 SF
Acreage 14.30
Feeder School(s) *Herndon MS, Herndon HS*

B

BAILEY'S ES

Region 2
Year Opened 1952
Capacity Enhancements 2002
Renovations 1995
Instructional Area 119,495 SF
Building 107,670 SF
Modular 11,825 SF
Modular Classrooms 10
Temporary Classrooms 4
Acreage 9.54
Feeder School(s) *Bailey's Upper ES, Glasgow MS, Justice HS*

BAILEY'S UPPER ES

Region 2
Year Opened 2014
Capacity Enhancements ---
Renovations ---
Instructional Area 101,866 SF
Building 101,866 SF
Acreage 3.80
Feeder School(s) *Bailey's ES, Glasgow MS, Justice HS*

BEECH TREE ES

Region 2
Year Opened 1968
Capacity Enhancements 2004
Renovations 2012
Instructional Area 70,408 SF
Building 70,408 SF
Acreage 9.90
Feeder School(s) *Glasgow MS, Justice HS*

BELLE VIEW ES

Region 3
 Year Opened 1952
 Capacity Enhancements 1970
 Renovations 1991, 2020
 Instructional Area 97,304 SF
 Building 97,304 SF
 Temporary Classrooms 2
 Acreage 10.50
 Feeder School(s) Sandburg MS,
 West Potomac HS

BELVEDERE ES

Region 2
 Year Opened 1954
 Capacity Enhancements 1990
 Renovations 1996
 Instructional Area 76,970 SF
 Building 76,970 SF
 Temporary Classrooms 6
 Acreage 10.93
 Feeder School(s) Glasgow MS,
 Justice HS

BONNIE BRAE ES

See Outlook section for more
 information on renovation.
 Region 4
 Year Opened 1988
 Capacity Enhancements ---
 Renovations ---
 Instructional Area 86,390 SF
 Building 86,390 SF
 Temporary Classrooms 2
 Acreage 13.29
 Feeder School(s) Robinson MS,
 Robinson HS

BRADDOCK ES

See Outlook section for more
 information on renovation.
 Region 2
 Year Opened 1959
 Capacity Enhancements 2008
 Renovations 1983
 Instructional Area 82,539 SF
 Building 70,714 SF
 Modular 11,825 SF
 Modular Classrooms 10
 Temporary Classrooms 10
 Acreage 12.32
 Feeder School(s) Poe MS,
 Annandale HS

BREN MAR PARK ES

Region 2
 Year Opened 1957
 Capacity Enhancements 2002
 Renovations 1991
 Instructional Area 62,888 SF
 Building 62,888 SF
 Temporary Classrooms 11
 Acreage 9.61
 Feeder School(s) Holmes MS,
 Edison HS

BROOKFIELD ES

Region 5
 Year Opened 1967
 Capacity Enhancements 1998
 Renovations 1986
 Instructional Area 90,000 SF
 Building 90,000 SF
 Temporary Classrooms 5
 Acreage 13.00
 Feeder School(s) Rocky Run MS,
 Franklin MS, Chantilly HS

BRYANT HS

Region 3
 Year Opened 1987
 Capacity Enhancements
 Renovations 1999
 Instructional Area 155,708 SF
 Building 155,708 SF
 Modular 11,746
 Temporary Classrooms 7
 Acreage 23.78
 Feeder School(s) None
 (Also has Nontraditional School
 Programs)

BUCKNELL ES

Region 3
 Year Opened 1954
 Capacity Enhancements 2017
 Renovations 2017
 Instructional Area 96,820 SF
 Building 96,820 SF
 Acreage 10.00
 Feeder School(s) Sandburg MS,
 West Potomac HS

BULL RUN ES

Region 4
 Year Opened 1999
 Capacity Enhancements ---
 Renovations ---
 Instructional Area 98,590 SF
 Building 98,590 SF
 Temporary Classrooms 4
 Acreage 40.77
 Feeder School(s) Liberty MS,
 Stone MS, Centreville HS,
 Westfield HS

BUSH HILL ES

Region 3
 Year Opened 1954
 Capacity Enhancements 2000
 Renovations 2000
 Instructional Area 83,492 SF
 Building 71,700 SF
 Modular (2019) 11,792 SF
 Modular Classrooms (2019) 10
 Acreage 11.03
 Feeder School(s) *Twain MS, Edison HS*

C**CAMELOT ES**

Region 2
 Year Opened 1969
 Capacity Enhancements ---
 Renovations 2002
 Instructional Area 89,591 SF
 Building 89,591 SF
 Temporary Classrooms 2
 Acreage 10.00
 Feeder School(s) *Jackson MS, Falls Church HS*

CAMERON ES

Region 3
 Year Opened 1952
 Capacity Enhancements 2002
 Renovations 1993
 Instructional Area 92,196 SF
 Building 82,274 SF
 Modular 9,922 SF
 Modular Classrooms 8
 Acreage 8.00
 Feeder School(s) *Twain MS, Edison HS*

CANTERBURY WOODS ES

Region 5
 Year Opened 1965
 Capacity Enhancements 2004
 Renovations 2013
 Instructional Area 89,744 SF
 Building 89,744 SF
 Temporary Classrooms 2
 Acreage 11.75
 Feeder School(s) *Frost MS, Woodson HS*

CARDINAL FOREST ES

Region 4
 Year Opened 1966
 Capacity Enhancements 1969
 Renovations 2000
 Instructional Area 81,275 SF
 Building 81,275 SF
 Temporary Classrooms 3
 Acreage 12.70
 Feeder School(s) *Irving MS, West Springfield HS*

CARSON MS

Region 1
 Year Opened 1998
 Capacity Enhancements ---
 Renovations ---
 Instructional Area 178,723 SF
 Building 178,723 SF
 Temporary Classrooms 8
 Acreage 32.94
 Feeder School(s) *Westfield HS, South Lakes HS, Oakton HS, Coates ES, Crossfield ES, Floris ES, Fox Mill ES, McNair ES, McNair Upper ES, Oak Hill ES*

CENTRE RIDGE ES

Region 4
 Year Opened 1990
 Capacity Enhancements ---
 Renovations ---
 Instructional Area 93,981 SF
 Building 93,981 SF
 Temporary Classrooms 6
 Acreage 13.78
 Feeder School(s) *Liberty MS, Centreville HS*

CENTREVILLE ES

Region 4
 Year Opened 1994
 Capacity Enhancements 2012
 Renovations ---
 Instructional Area 110,450 SF
 Building 98,625 SF
 Modular 11,825 SF
 Modular Classrooms 10
 Acreage 13.13
 Feeder School(s) *Liberty MS, Centreville HS*

CENTREVILLE HS

Region 4
 Year Opened 1988
 Capacity Enhancements 2005
 Renovations ---
 Instructional Area 335,565 SF
 Building 325,562 SF
 Modular 10,003 SF
 Modular Classrooms 8
 Temporary Classrooms 14
 Acreage 36.40
 Feeder School(s) *Liberty MS, Bull Run ES, Centre Ridge ES, Centreville ES, Powell ES, Union Mill ES*

CHANTILLY HS

Region 5
 Year Opened 1972
 Capacity Enhancements 2005
 Renovations 1993
 Instructional Area 395,641 SF
 Building 380,175 SF
 Modular 15,466 SF
 Modular Classrooms 14
 Temporary Classrooms 9
 Acreage 35.01
 Feeder School(s) *Franklin MS, Rocky Run MS, Brookfield ES, Crossfield ES, Cub Run ES, Greenbriar East ES, Greenbriar West ES, Lees Corner ES, Navy ES, Oak Hill ES, Poplar Tree ES*

CHERRY RUN ES

Region 4
 Year Opened 1983
 Capacity Enhancements 1983
 Renovations 2018
 Instructional Area 83,532 SF
 Building 83,532 SF
 Acreage 11.02
 Feeder School(s) *Lake Braddock MS, Lake Braddock HS*

CHESTERBROOK ES

Region 2
 Year Opened 1926
 Capacity Enhancements 1999
 Renovations 2000
 Instructional Area 82,431 SF
 Building 82,431 SF
 Temporary Classrooms 4
 Acreage 14.26
 Feeder School(s) *Longfellow MS, McLean HS*

CHURCHILL ROAD ES

Region 1
 Year Opened 1958
 Capacity Enhancements 2006
 Renovations 2001
 Instructional Area 79,833 SF
 Building 68,008 SF
 Modular 11,825 SF
 Modular Classrooms 10
 Temporary Classrooms 3
 Acreage 10.00
 Feeder School(s) *Cooper MS, Langley HS*

CLEARVIEW ES

See Outlook section for more information on renovation.
 Region 1
 Year Opened 1979
 Capacity Enhancements 1990
 Renovations 2020
 Instructional Area 98,358 SF
 Building 98,358 SF
 Temporary Classrooms 4
 Acreage 13.90
 Feeder School(s) *Herndon MS, Herndon HS*

CLERMONT ES

Region 3
 Year Opened 1968
 Capacity Enhancements 1983
 Renovations 2015
 Instructional Area 80,222 SF
 Building 80,222 SF
 Acreage 13.00
 Feeder School(s) *Twain MS, Edison HS*

COATES ES

Region 5
 Year Opened 2009
 Capacity Enhancements ---
 Renovations ---
 Instructional Area 89,439 SF
 Building 89,439 SF
 Temporary Classrooms 8
 Acreage 14.38
 Feeder School(s) *Carson MS, Herndon MS, Westfield HS, Herndon HS*

COLUMBIA ES

Region 2
 Year Opened 1967
 Capacity Enhancements 1988
 Renovations 1995
 Instructional Area 55,018 SF
 Building 55,018 SF
 Temporary Classrooms 6
 Acreage 10.00
 Feeder School(s) *Holmes MS, Poe MS, Annandale HS*

COLVIN RUN ES

Region 1
 Year Opened 2003
 Capacity Enhancements ---
 Renovations ---
 Instructional Area 98,590 SF
 Building 98,590 SF
 Acreage 12.55
 Feeder School(s) *Cooper MS, Longfellow MS, Langley HS, McLean HS*

COOPER MS

See Outlook section for more information on renovation.
 Region 1
 Year Opened 1962
 Capacity Enhancements 2006
 Renovations 1989
 Instructional Area 127,996 SF
 Building 114,350 SF
 Modular 13,646 SF
 Modular Classrooms 12
 Temporary Classrooms 4
 Acreage 20.22
 Feeder School(s) *Langley HS, Churchill Road ES, Colvin Run ES, Forestville ES, Franklin Sherman ES, Great Falls ES, Spring Hill ES*

CRESTWOOD ES

Region 3
 Year Opened 1955
 Capacity Enhancements 2012
 Renovations 2000
 Instructional Area 88,533 SF
 Building 74,887 SF
 Modular 13,646 SF
 Modular Classrooms 10
 Temporary Classrooms 9
 Acreage 11.18
 Feeder School(s) *Key MS, Lewis HS*

CROSSFIELD ES

See Outlook section for more information on renovation

Region 1

Year Opened 1988

Capacity Enhancements ---

Renovations ---

Instructional Area 89,134 SF

Building 89,134 SF

Acreage 14.20

Feeder School(s) *Carson MS, Hughes MS, Franklin MS, Oakton HS, South Lakes HS, Chantilly HS*

CUB RUN ES

Region 5

Year Opened 1986

Capacity Enhancements ---

Renovations ---

Instructional Area 77,850 SF

Building 77,850 SF

Temporary Classrooms 4

Acreage 16.26

Feeder School *Stone MS, Franklin MS, Westfield HS, Chantilly HS, Rocky Run MS*

CUNNINGHAM PARK ES

Region 1

Year Opened 1967

Capacity Enhancements 2013

Renovations 2000

Instructional Area 69,842 SF

Building 69,842 SF

Acreage 10.37

Feeder School(s) *Thoreau MS, Madison HS, Marshall HS*

D**DANIELS RUN ES***

Region 5

Year Opened 1955

Capacity Enhancements 2000

Renovations 2001

Instructional Area 98,674 SF

Building 98,674 SF

Temporary Classrooms 2

Acreage 13.70

Feeder School(s) *Lanier MS*, Fairfax HS**

*City of Fairfax Schools

DEER PARK ES

Region 5

Year Opened 1995

Capacity Enhancements 2002

Renovations ---

Instructional Area 98,716 SF

Building 86,990 SF

Modular 11,726 SF

Modular Classrooms 10

Acreage 10.00

Feeder School(s) *Stone MS, Westfield HS*

DOGWOOD ES

Region 1

Year Opened 2001

Capacity Enhancements ---

Renovations ---

Instructional Area 98,590 SF

Building 98,590 SF

Temporary Classrooms 8

Acreage 14.00

Feeder School(s) *Hughes MS, South Lakes HS*

DRANESVILLE ES

Region 1

Year Opened 1988

Capacity Enhancements ---

Renovations ---

Instructional Area 88,776 SF

Building 88,776 SF

Acreage 13.15

Feeder School(s) *Herndon MS, Herndon HS*

E**EAGLE VIEW ES**

Region 5

Year Opened 2006

Capacity Enhancements ---

Renovations ---

Instructional Area 98,590 SF

Building 98,590 SF

Acreage 12.50

Feeder School(s) *Lanier MS*, Fairfax HS**

*City of Fairfax Schools

EDISON HS

Region 3

Year Opened 1962

Capacity Enhancements 1986

Renovations 2012

Instructional Area 359,470 SF

Building 359,470 SF

Acreage 43.48

Feeder School(s) *Holmes MS, Twain MS, Bren Mar Park ES, Bush Hill ES, Cameron ES, Clermont ES, Franconia ES, Hayfield ES, Lane ES, Mount Eagle ES, Rose Hill ES*

F

FAIRFAX HS*

Region 5
Year Opened 1972
Capacity Enhancements 2007
Renovations 2007
Instructional Area 426,194 SF
Building 426,194 SF
Temporary Classrooms 8
Acreage 47.76
Feeder School(s) *Lanier MS**,
Daniels Run ES, Eagle View ES,*
Greenbriar East ES, Powell ES,
*Providence ES**,
Willow Springs ES
*City of Fairfax Schools

FAIRFAX VILLA ES

Region 5
Year Opened 1965
Capacity Enhancements 2013
Renovations 1993
Instructional Area 70,248 SF
Building 70,248 SF
Temporary Classrooms 6
Acreage 11.55
Feeder School(s) *Frost MS,*
Woodson HS

FAIRHILL ES

Region 2
Year Opened 1965
Capacity Enhancements 1996
Renovations 1996
Instructional Area 74,478 SF
Building 74,478 SF
Temporary Classrooms 6
Acreage 10.17
Feeder School(s) *Jackson MS,*
Falls Church HS

FAIRVIEW ES

Region 4
Year Opened 1938
Capacity Enhancements 1983
Renovations 2000
Instructional Area 82,115 SF
Building 82,115 SF
Temporary Classrooms 2
Acreage 14.36
Feeder School(s) *Robinson MS,*
Robinson HS

FALLS CHURCH HS

See Outlook section for more information on renovation.
Region 2
Year Opened 1967
Capacity Enhancements 1988
Renovations 1989
Instructional Area 303,413 SF
Building 303,413 SF
Temporary Classrooms 8
Acreage 39.54
Feeder School(s) *Jackson MS,*
Poe MS, Camelot ES, Fairhill ES,
Graham Road ES, Mason Crest ES,
Pine Spring ES, Timber Lane ES,
Westlawn ES, Woodburn ES

FLINT HILL ES

Region 1
Year Opened 1954
Capacity Enhancements 1993
Renovations 1993
Instructional Area 74,770 SF
Building 74,770 SF
Temporary Classrooms 5
Acreage 10.00
Feeder School(s) *Thoreau MS,*
Madison HS

FLORIS ES

Region 5
Year Opened 1955
Capacity Enhancements 2004
Renovations 2004
Instructional Area 82,811 SF
Building 82,811 SF
Temporary Classrooms 2
Acreage 10.00
Feeder School(s) *Carson MS,*
South Lakes HS, Westfield HS

FOREST EDGE ES

Region 1
Year Opened 1971
Capacity Enhancements ---
Renovations 2005
Instructional Area 96,669 SF
Building 96,669 SF
Acreage 13.37
Feeder School(s) *Hughes MS,*
South Lakes HS

FORESTDALE ES

Region 3
Year Opened 1964
Capacity Enhancements 2006
Renovations 1993
Instructional Area 68,605 SF
Building 55,075 SF
Modular 13,530 SF
Modular Classrooms 12
Temporary Classrooms 6
Acreage 9.50
Feeder School(s) *Key MS,*
Lewis HS

FORESTVILLE ES

Region 1
 Year Opened 1980
 Capacity Enhancements 1998
 Renovations 2018
 Instructional Area 84,102 SF
 Building 84,102 SF
 Acreage 7.72
 Feeder School(s) *Cooper MS, Langley HS*

FORT BELVOIR PRIMARY ES

Region 3
 Year Opened 1998
 Capacity Enhancements ---
 Renovations ---
 Instructional Area 137,997 SF
 Building 137,997 SF
 Acreage 19.80
 Feeder School(s) *Fort Belvoir Upper ES, Whitman MS, Mount Vernon HS*

FORT BELVOIR UPPER ES

Region 3
 Year Opened 2016
 Capacity Enhancements ---
 Renovations ---
 Instructional Area 95,341 SF
 Building 95,341 SF
 Acreage 19.80
 Feeder School(s) *Fort Belvoir Primary ES, Whitman MS, Mount Vernon HS*

FORT HUNT ES

Region 3
 Year Opened 1969
 Capacity Enhancements 1995
 Renovations 2003
 Instructional Area 82,363 SF
 Building 82,363 SF
 Acreage 13.03
 Feeder School(s) *Sandburg MS, West Potomac HS*

FOX MILL ES

See Outlook section for more information on renovation.
 Region 1
 Year Opened 1979
 Capacity Enhancements 1980
 Renovations ---
 Instructional Area 71,718 SF
 Building 71,718 SF
 Temporary Classrooms 2
 Acreage 13.55
 Feeder School(s) *Carson MS, South Lakes HS*

FRANCONIA ES

Region 3
 Year Opened 1931
 Capacity Enhancements 1986
 Renovations 2012
 Instructional Area 71,658 SF
 Building 71,658 SF
 Temporary Classrooms 4
 Acreage 6.75
 Feeder School(s) *Twain MS, Edison HS*

FRANKLIN MS

Region 5
 Year Opened 1984
 Capacity Enhancements ---
 Renovations ---
 Instructional Area 138,756 SF
 Building 138,756 SF
 Acreage 35.29
 Feeder School(s) *Chantilly HS, Oakton HS, Westfield HS, Brookfield ES, Crossfield ES, Cub Run ES, Lees Corner ES, Navy ES, Oak Hill ES, and Waples Mill ES*

FRANKLIN SHERMAN ES

Region 2
 Year Opened 1952
 Capacity Enhancements 1975
 Renovations 2009
 Instructional Area 64,420 SF
 Building 64,420 SF
 Acreage 10.75
 Feeder School(s) *Longfellow MS, Cooper MS, McLean HS, Langley HS*

FREEDOM HILL ES

Region 2
 Year Opened 1949
 Capacity Enhancements 1990
 Renovations 2009
 Instructional Area 81,949 SF
 Building 81,949 SF
 Temporary Classrooms 4
 Acreage 12.07
 Feeder School(s) *Kilmer MS, Marshall HS*

FROST MS

See Outlook section for more information on renovation.
 Region 5
 Year Opened 1964
 Capacity Enhancements 2013
 Renovations 1991
 Instructional Area 138,768 SF
 Building 126,943 SF
 Modular 11,825 SF
 Modular Classrooms 10
 Temporary Classrooms 9
 Acreage 24.00
 Feeder School(s) *Woodson HS, Canterbury Woods ES, Fairfax Villa ES, Little Run ES, Mantua ES, Oak View ES, Olde Creek ES, Wakefield Forest ES*

G

GARFIELD ES

Region 3
Year Opened 1952
Capacity Enhancements 1967
Renovations 2015
Instructional Area 78,373 SF
Building 78,373 SF
Acreage 8.16
Feeder School(s) Key MS, Lewis HS

GLASGOW MS

Region 2
Year Opened 1961
Capacity Enhancements 2018
Renovations 2008
Instructional Area 211,231 SF
Building 199,406 SF
Modular 11,825 SF
Modular Classrooms 10
Acreage 22.40
Feeder School(s) Justice HS,
Bailey's ES, Bailey's Upper ES,
Beech Tree ES, Belvedere ES,
Glen Forest ES, Mason Crest ES,
Parklawn ES, Sleepy Hollow ES

GLEN FOREST ES

Region 2
Year Opened 1957
Capacity Enhancements 2002
Renovations 1994
Instructional Area 106,788 SF
Building 88,455 SF
Modular (2) 18,333 SF
Modular Classrooms 17
Temporary Classrooms 12
Acreage 10.23
Feeder School(s) Glasgow MS,
Justice HS

GRAHAM ROAD ES

Region 2
Year Opened 1950
Capacity Enhancements ---
Renovations 2012
Renovations 2012 building
replacement
Instructional Area 81,354 SF
Building 81,354 SF
Temporary Classrooms 4
Acreage 8.13
Feeder School(s) Jackson MS,
Falls Church HS

GREAT FALLS ES

Region 1
Year Opened 1952
Capacity Enhancements 1991
Renovations 2010
Instructional Area 85,697 SF
Building 85,697 SF
Acreage 10.00
Feeder School(s) Cooper MS,
Langley HS

GREENBRIAR EAST ES

Region 5
Year Opened 1968
Capacity Enhancements 2013
Renovations 2005
Instructional Area 90,547 SF
Building 90,547 SF
Temporary Classrooms 4
Acreage 10.00
Feeder School(s) Lanier MS*,
Rocky Run MS, Fairfax HS*,
Chantilly HS
*City of Fairfax Schools

GREENBRIAR WEST ES

Region 5
Year Opened 1971
Capacity Enhancements 1992
Renovations 2006
Instructional Area 93,203 SF
Building 93,203 SF
Temporary Classrooms 6
Acreage 10.00
Feeder School(s) Rocky Run MS,
Chantilly HS

GROVETON ES

Region 3
Year Opened 1972
Capacity Enhancements 2011
Renovations 2005
Instructional Area 104,052 SF
Building 92,326 SF
Modular 11,726 SF
Modular Classrooms 10
Temporary Classrooms 4
Acreage 12.99
Feeder School(s) Sandburg MS,
West Potomac HS

GUNSTON ES

Region 3
Year Opened 1954
Capacity Enhancements 1988
Renovations 1996
Instructional Area 74,930 SF
Building 74,930 SF
Temporary Classrooms 3
Acreage 10.00
Feeder School(s) Hayfield MS,
South County MS, Hayfield HS,
South County HS

H

HALLEY ES

Region 4
Year Opened 1995
Capacity Enhancements ---
Renovations ---
Instructional Area 98,900 SF
Building 98,900 SF
Acreage 20.11
Feeder School(s) South County
MS, South County HS

HAYCOCK ES

Region 2
 Year Opened 1954
 Capacity Enhancements 2009
 Renovations 2016
 Instructional Area 85,897 SF
 Building 85,897 SF
 Temporary Classrooms 4
 Acreage 10.00
 Feeder School(s) Longfellow MS,
 McLean HS

HAYFIELD ES

Region 3
 Year Opened 1966
 Capacity Enhancements 1992
 Renovations 2002
 Instructional Area 81,437 SF
 Building 81,437 SF
 Temporary Classrooms 2
 Acreage 13.13
 Feeder School(s) Twain MS,
 Hayfield MS, Edison HS,
 Hayfield HS

HAYFIELD HS

Region 3
 Year Opened 1968
 Capacity Enhancements 2002
 Renovations 2004
 Instructional Area 340,199 SF
 Building 340,199 SF
 Acreage 57.50
 Feeder School(s) Hayfield MS,
 Gunston ES, Hayfield ES, Island
 Creek ES, Lane ES, Lorton
 Station ES, and Rose Hill ES

HAYFIELD MS

Region 3
 Year Opened 1968
 Capacity Enhancements 2002
 Renovations 2004
 Instructional Area 170,050 SF
 Building 170,050 SF
 Acreage 57.50
 Feeder School(s) Hayfield HS,
 Gunston ES, Hayfield ES, Island
 Creek ES, Lane ES, Lorton
 Station ES, Rose Hill ES

HERNDON ES

Region 1
 Year Opened 1961
 Capacity Enhancements 2007
 Renovations 1991
 Instructional Area 98,620 SF
 Building 86,795 SF
 Modular 11,825 SF
 Modular Classrooms 10
 Temporary Classrooms 4
 Acreage 14.00
 Feeder School(s) Herndon MS,
 Herndon HS

HERNDON HS

See Outlook section for more
 information on renovation.
 Region 1
 Year Opened 1967
 Capacity Enhancements 1991
 Renovations 1991
 Instructional Area 292,193 SF
 Building 292,193 SF
 Temporary Classrooms 22
 Acreage 40.22
 Feeder School(s) Herndon
 MS, Aldrin ES, Armstrong ES,
 Clearview ES, Dranesville ES,
 Herndon ES, Hutchison ES,
 Coates ES

HERNDON MS

Region 1
 Year Opened 1927
 Capacity Enhancements 1962
 Renovations 1994
 Instructional Area 193,776 SF
 Building 193,776 SF
 Temporary Classrooms 6
 Acreage 27.30
 Feeder School(s) Herndon
 HS, Aldrin ES, Armstrong
 ES, Clearview ES, Coates ES,
 Dranesville ES, Herndon ES,
 Hutchison ES

HOLLIN MEADOWS ES

Region 3
 Year Opened 1965
 Capacity Enhancements 2001
 Renovations 1983
 Instructional Area 93,203 SF
 Building 93,203 SF
 Acreage 9.65
 Feeder School(s) Sandburg MS,
 West Potomac HS

HOLMES MS

Region 2
 Year Opened 1966
 Capacity Enhancements 1991
 Renovations 2003
 Instructional Area 158,399 SF
 Building 158,399 SF
 Acreage 28.20
 Feeder School(s) Annandale HS,
 Edison HS, Bren Mar Park ES,
 Columbia ES, North Springfield
 ES, Parklawn ES, Weyanoke ES

HUGHES MS

See Outlook section for more information on renovation.

Region 1

Year Opened 1980

Capacity Enhancements ---

Renovations ---

Instructional Area 129,642 SF

Building 129,642 SF

Temporary Classrooms 8

Acreage 25.00

Feeder School(s) *South Lakes*

HS, Crossfield ES, Dogwood ES,

Forest Edge ES, Hunters Woods

ES, Lake Anne ES, Sunrise Valley

ES, Terraset ES

HUNT VALLEY ES

Region 4

Year Opened 1968

Capacity Enhancements 1990

Renovations 1995

Instructional Area 90,187 SF

Building 90,187 SF

Acreage 13.00

Feeder School(s) *Irving MS,*

West Springfield HS

HUNTERS WOODS ES

Region 1

Year Opened 1969

Capacity Enhancements 1987

Renovations 2003

Instructional Area 101,613 SF

Building 101,613 SF

Temporary Classrooms 4

Acreage 11.23

Feeder School(s) *Hughes MS,*

South Lakes HS

HUTCHISON ES

Region 1

Year Opened 1975

Capacity Enhancements 1990

Renovations 2005

Instructional Area 106,408 SF

Building 106,408 SF

Temporary Classrooms 8

Acreage 38.80

Feeder School(s) *Herndon MS,*

Herndon HS

HYBLA VALLEY ES

See Outlook section for more information on renovation.

Region 3

Year Opened 1964

Capacity Enhancements 2012

Renovations 1989

Instructional Area 94,310 SF

Building 94,310 SF

Temporary Classrooms 16

Acreage 10.00

Feeder School(s) *Sandburg MS,*

West Potomac HS

ISLAND CREEK ES

Region 3

Year Opened 2003

Capacity Enhancements ---

Renovations ---

Instructional Area 98,590 SF

Building 98,590 SF

Acreage 18.50

Feeder School(s) *Hayfield MS,*

Hayfield HS

J**JACKSON MS**

Region 2

Year Opened 1954

Capacity Enhancements 2006

Renovations 1991

Instructional Area 150,347 SF

Building 150,819 SF

School Board Room 472 SF

Temporary Classrooms 6

Acreage 20.40

Feeder School(s) *Falls Church*

HS, Camelot ES, Fairhill ES,

Graham Road ES, Pine Spring

ES, Timber Lane ES, Westlawn

ES, Woodburn ES

IRVING MS

Region 4

Year Opened 1960

Capacity Enhancements 1967

Renovations 1994

Instructional Area 156,962 SF

Building 156,962 SF

Acreage 20.80

Feeder School(s) *West*

Springfield HS, Cardinal Forest

ES, Hunt Valley ES, Keene Mill

ES, Orange Hunt ES, Rolling

Valley ES, Sangster ES, West

Springfield ES

JUSTICE HS

See Outlook section for more information on capacity enhancement.

Region 2

Year Opened 1959

Capacity Enhancements 1979

Renovations 2005

Instructional Area 306,667 SF

Building 306,667 SF

Acreage 20.94

Feeder School(s) *Glasgow MS, Bailey's ES, Bailey's Upper ES, Beech Tree ES, Belvedere ES, Glen Forest ES, Mason Crest ES, Parklawn ES, Sleepy Hollow ES*

K**KEENE MILL ES**

Region 4

Year Opened 1961

Capacity Enhancements 1990

Renovations 2016

Instructional Area 92,137 SF

Building 92,137 SF

Temporary Classrooms 2

Acreage 11.49

Feeder School(s) *Irving MS, Lake Braddock MS, West Springfield HS, Lake Braddock HS*

KENT GARDENS ES

Region 2

Year Opened 1957

Capacity Enhancements 2002

Renovations 2003

Instructional Area 77,901 SF

Building 77,901 SF

Temporary Classrooms 11

Acreage 10.92

Feeder School *Longfellow MS, McLean HS*

KEY MS

Region 3

Year Opened 1971

Capacity Enhancement ---

Renovations 2008

Instructional Area 174,232 SF

Building 221,670 SF

Key Center 47,438 SF

Acreage 20.60

Feeder School(s) *Lewis HS, Crestwood ES, Forestdale ES, Garfield ES, Lynbrook ES, Rolling Valley ES, Saratoga ES, Springfield Estates ES*

(included in Building area; not included in Key MS Instructional Area)

KILMER MS

Region 2

Year Opened 1967

Capacity Enhancements ---

Renovations 2002

Instructional Area 150,361 SF

Building 194,855 SF

Kilmer Center 44,494 SF

Temporary Classrooms 14

Acreage 23.40

Feeder School(s) *Marshall HS, Madison HS, Freedom Hill ES, Lemon Road ES, Shreveview ES, Stenwood ES, Vienna ES, Westbriar ES, Westgate ES, Wolftrap ES*

(included in Building area; not included in Kilmer MS Instructional Area)

KINGS GLEN ES

Region 4

Year Opened 1969

Capacity Enhancements 1986

Renovations 2001

Instructional Area 74,619 SF

Building 74,619 SF

Temporary Classrooms 3

Acreage 8.20

Feeder School(s) *Kings Park ES, Lake Braddock MS, Lake Braddock HS*

KINGS PARK ES

Region 4

Year Opened 1964

Capacity Enhancements 2013

Renovations 1997

Instructional Area 82,762 SF

Building 82,762 SF

Temporary Classrooms 2 Acreage 10.10

Feeder School(s) *Kings Glen ES, Lake Braddock MS, Lake Braddock HS*

L**LAKE ANNE ES**

Region 1

Year Opened 1967

Capacity Enhancements 2004

Renovations 2011

Instructional Area 85,419 SF

Building 85,419 SF

Temporary Classrooms 2

Acreage 10.18

Feeder School(s) *Hughes MS, South Lakes HS*

LAKE BRADDOCK HS

Region 4
 Year Opened 1971
 Capacity Enhancements ---
 Renovations 2007
 Instructional Area 418,336 SF
 Building 418,336 SF
 Acreage 60.06
 Feeder School(s) *Lake Braddock MS, Cherry Run ES, Keene Mill ES, Kings Glen ES, Kings Park ES, Little Run ES, Ravensworth ES, Sangster ES, White Oaks ES*

LAKE BRADDOCK MS

Region 4
 Year Opened 1971
 Capacity Enhancements ---
 Renovations 2007
 Instructional Area 174,660 SF
 Building 174,660 SF
 Acreage 60.06
 Feeder School(s) *Lake Braddock HS, Cherry Run ES, Keene Mill ES, Kings Glen ES, Kings Park ES, Little Run ES, Ravensworth ES, Sangster ES, White Oaks ES*

LANE ES

Region 3
 Year Opened 1995
 Capacity Enhancements ---
 Renovations ---
 Instructional Area 98,625 SF
 Building 98,625 SF
 Acreage 20.34
 Feeder School(s) *Hayfield MS, Twain MS, Hayfield HS, Edison HS*

LANGLEY HS

Region 1
 Year Opened 1965
 Capacity Enhancements 2008
 Renovations 2018
 Instructional Area 337,966 SF
 Building 337,966 SF
 Acreage 42.86
 Feeder School(s) *Cooper MS, Churchill Road ES, Colvin Run ES, Forestville ES, Franklin Sherman ES, Great Falls ES, Spring Hill ES*

LANIER MS*

Region 5
 Year Opened 1960
 Capacity Enhancements 2006
 Renovations 2008
 Instructional Area 182,589 SF
 Building 182,589 SF
 Acreage 19.40
 Feeder School(s) *Fairfax HS*, Daniels Run* ES, Eagle View ES, Greenbriar East ES, Powell ES, Providence ES*, Willow Springs ES*
 *City of Fairfax Schools

LAUREL HILL ES

Region 4
 Year Opened 2009
 Capacity Enhancements ---
 Renovations ---
 Instructional Area 98,590 SF
 Building 98,590 SF
 Temporary Classrooms 2
 Acreage 8.66
 Feeder School(s) *South County MS, South County HS*

LAUREL RIDGE ES

Region 4
 Year Opened 1970
 Capacity Enhancements 1993
 Renovations 2005
 Instructional Area 112,320 SF
 Building 112,320 SF
 Temporary Classrooms 4
 Acreage 12.55
 Feeder School(s) *Robinson MS, Robinson HS*

LEWIS HS

Region 3
 Year Opened 1958
 Capacity Enhancements 1974
 Renovations 2005
 Instructional Area 310,405 SF
 Building 310,405 SF
 Acreage 25.32
 Feeder School(s) *Key MS, Crestwood ES, Forestdale ES, Garfield ES, Lynbrook ES, Rolling Valley ES, Saratoga ES, Springfield Estates ES*

LEES CORNER ES

Region 5
 Year Opened 1987
 Capacity Enhancements ---
 Renovations ---
 Instructional Area 81,843 SF
 Building 81,843 SF
 Temporary Classrooms 4
 Acreage 11.04
 Feeder School(s) *Franklin MS, Chantilly HS*

LEMON ROAD ES

Region 2
 Year Opened 1955
 Capacity Enhancements 2013
 Renovations 2003
 Instructional Area 69,914 SF
 Building 69,914 SF
 Temporary Classrooms 2
 Acreage 12.01
 Feeder School(s) *Kilmer MS, Longfellow MS, Marshall HS, McLean HS*

LIBERTY MS

Region 4
 Year Opened 2002
 Capacity Enhancements ---
 Renovations ---
 Instructional Area 178,723 SF
 Building 178,723 SF
 Acreage 79.86
 Feeder School(s) *Centreville HS, Bull Run ES, Centre Ridge ES, Centreville ES, Powell ES, Union Mill ES*

LITTLE RUN ES

Region 5
 Year Opened 1963
 Capacity Enhancements 1993
 Renovations 1993
 Instructional Area 55,104 SF
 Building 55,104 SF
 Temporary Classrooms 4
 Acreage 10.11
 Feeder School(s) *Frost MS, Lake Braddock MS, Woodson HS, Lake Braddock HS*

LONDON TOWNE ES

Region 5
 Year Opened 1969
 Capacity Enhancements 2003
 Renovations 2000
 Instructional Area 102,595 SF
 Building 90,770 SF
 Modular 11,825 SF
 Modular Classrooms 10
 Temporary Classrooms 2
 Acreage 12.71
 Feeder School(s) *Stone MS, Westfield HS*

LONGFELLOW MS

Region 2
 Year Opened 1960
 Capacity Enhancements 2012
 Renovations 2012
 Instructional Area 161,516 SF
 Building 161,516 SF
 Temporary Classrooms 2
 Acreage 17.57
 Feeder School(s) *McLean HS, Chesterbrook ES, Colvin Run ES, Franklin Sherman ES, Haycock ES, Kent Gardens ES, Lemon Road ES, Spring Hill ES, Timber Lane ES, Westbriar ES, Westgate ES*

LORTON STATION ES

Region 3
 Year Opened 2003
 Capacity Enhancements ---
 Renovations ---
 Instructional Area 101,122 SF
 Building 101,122 SF
 Temporary Classrooms 10
 Acreage 12.81
 Feeder School(s) *Hayfield MS, Hayfield HS*

LOUISE ARCHER ES

See Outlook section for more information on renovation.
 Region 1
 Year Opened 1939
 Capacity Enhancements 2006
 Renovations 1991
 Instructional Area 64,763 SF
 Building 52,938 SF
 Modular 11,825 SF
 Modular Classrooms 10
 Temporary Classrooms 2
 Acreage 7.64
 Feeder School(s) *Thoreau MS, Madison HS*

LYNBROOK ES

Region 3
 Year Opened 1956
 Capacity Enhancements 2013
 Renovations 1993
 Instructional Area 88,674 SF
 Building 88,674 SF
 Temporary Classrooms 11
 Acreage 10.64
 Feeder School(s) *Key MS, Lewis HS*

M

MADISON HS

See Outlook section for more information on capacity enhancement.

Region 1

Year Opened 1959

Capacity Enhancements 1979

Renovations 2005

Instructional Area 313,322 SF

Building 313,322 SF

Temporary Classrooms 3

Acreage 31.16

Feeder School(s) *Thoreau MS, Cunningham Park ES, Flint Hill ES, Kilmer MS, Louise Archer ES, Marshall Road ES, Oakton ES, Vienna ES, Westbriar ES, Wolftrap ES*

MANTUA ES

Region 5

Year Opened 1961

Capacity Enhancements 2006

Renovations 1997

Instructional Area 93,818 SF

Building 83,815 SF

Modular 10,003 SF

Modular Classrooms 8

Temporary Classrooms 4

Acreage 11.57

Feeder School(s) *Frost MS, Woodson HS*

MARSHALL HS

Region 2

Year Opened 1962

Capacity Enhancements 2018

Renovations 2014

Instructional Area 364,088 SF

Building 368,116 SF

Modular 13,596 SF

Modular Classrooms 12

Davis Center 17,624 SF

Acreage 46.50

Feeder School(s) *Kilmer MS, Thoreau MS, Cunningham Park ES, Freedom Hill ES, Lemon Road ES, Shrevewood ES, Stenwood ES, Vienna ES, Westbriar ES, Westgate ES, Wolftrap ES*

(included in Building; not included in Instructional Area)

MARSHALL ROAD ES

Region 1

Year Opened 1961

Capacity Enhancements 2014

Renovations 1999

Instructional Area 94,444 SF

Building 94,444 SF

Acreage 11.00

Feeder School(s) *Thoreau MS, Madison HS, Oakton HS*

MASON CREST ES

Region 2

Year Opened 2012

Capacity Enhancements ---

Renovations ---

Instructional Area 98,590 SF

Building 98,590 SF

Acreage 10.91

Feeder School(s) *Poe MS, Glasgow MS, Falls Church HS, Justice HS*

MCLEAN HS

Region 2

Year Opened 1955

Capacity Enhancements 1989, 2020

Renovations 2005

Instructional Area 285,612 SF

Building 285,612 SF

Temporary Classrooms 18

Acreage 31.28

Feeder School(s) *Longfellow MS, Chesterbrook ES, Colvin Run ES, Franklin Sherman ES, Haycock ES, Kent Gardens ES, Lemon Road ES, Spring Hill ES, Timber Lane ES, Westbriar ES, Westgate ES*

MCNAIR ES

Region 5

Year Opened 2001

Capacity Enhancements 2004

Renovations ---

Instructional Area 98,625 SF

Building 98,625 SF

Temporary Classrooms 20

Acreage 15.23 (shares site with *McNair Upper ES*)

Feeder School(s) *McNair Upper ES, Carson MS, Westfield HS*

MCNAIR UPPER ES

Region 5

Year Opened 2020

Capacity Enhancements ---

Renovations ---

Instructional Area 102,358 SF

Building 105,652 SF

Fairfax County Community Use 3,294 (included in Building; not included in Instructional Area)

Acreage 15.23 (shares site with *McNair ES*)

Feeder School(s) *McNair ES, Carson MS, Westfield HS*

MOSBY WOODS ES

See Outlook section for more information on renovation.

Region 1

Year Opened 1963

Capacity Enhancements 2005

Renovations 1991

Instructional Area 84,444 SF

Building 72,619 SF

Modular 11,825 SF

Modular Classrooms 10

Temporary Classrooms 8

Acreage 11.52

Feeder School(s) *Thoreau MS, Oakton HS*

MOUNT EAGLE ES

Region 3

Year Opened 1949

Capacity Enhancements 2003

Renovations 2010

Instructional Area 69,006 SF

Building 59,084 SF

Modular 9,922 SF

Modular Classrooms 8

Temporary Classrooms 2

Acreage 6.00

Feeder School(s) *Twain MS, Edison HS*

MOUNT VERNON HS

Region 3

Year Opened 1960

Capacity Enhancements 1998

Renovations 1999

Instructional Area 458,181 SF

Building 458,181 SF

Acreage 41.02

Feeder School(s) *Whitman MS, Fort Belvoir Primary ES, Fort Belvoir Upper ES, Mount Vernon Woods ES, Riverside ES, Washington Mill ES, Woodlawn ES, Woodley Hills ES*

MOUNT VERNON WOODS ES

Region 3

Year Opened 1965

Capacity Enhancements 2008

Renovations 1989, 2020

Instructional Area 92,950 SF

Building 92,950 SF

Temporary Classrooms 2

Acreage 10.00

Feeder School(s) *Whitman MS, Mount Vernon HS*

MOUNTAIN VIEW HS

Region 4

Year Opened 1934

Capacity Enhancements ---

Renovations 1979

Instructional Area 63,296 SF

Building 49,477 SF

Modular 13,816 SF

Modular Classrooms 10

Temporary Classrooms 2

Acreage 11.26

Feeder School(s)* *None*

N**NAVY ES**

Region 1

Year Opened 1955

Capacity Enhancements 2004

Renovations 2006

Instructional Area 91,862 SF

Building 91,862 SF

Temporary Classrooms 4

Acreage 10.10

Feeder School(s) *Franklin MS, Oakton HS, Chantilly HS*

NEWINGTON FOREST ES

Region 4

Year Opened 1983

Capacity Enhancements ---

Renovations 2018

Instructional Area 90,080 SF

Building 90,080 SF

Acreage 13.00

Feeder School(s) *South County MS, South County HS*

NORTH SPRINGFIELD ES

Region 2

Year Opened 1956

Capacity Enhancements 1968

Renovations 2017

Instructional Area 92,000 SF

Building 92,000 SF

Acreage 12.24

Feeder School(s) *Holmes MS, Annandale HS*

**OAK HILL ES**

See Outlook section for more information on renovation.

Region 5

Year Opened 1983

Capacity Enhancements 2003

Renovations ---

Instructional Area 85,968 SF

Building 77,850 SF

Modular 8,118 SF

Modular Classrooms 6

Temporary Classrooms 2

Acreage 12.09

Feeder School(s) *Franklin MS, Carson MS, Chantilly HS, Westfield HS*

OAK VIEW ES

Region 4
 Year Opened 1968
 Capacity Enhancements 1990
 Renovations 2000
 Instructional Area 86,390 SF
 Building 86,390 SF
 Acreage 10.05
 Feeder School(s) *Robinson MS, Frost MS, Robinson HS, Woodson HS*

OAKTON ES

Region 1
 Year Opened 1945
 Capacity Enhancements 1987
 Renovations 2012
 Instructional Area 90,317 SF
 Building 90,317 SF
 Temporary Classrooms 4
 Acreage 9.29
 Feeder School(s) *Thoreau MS, Oakton HS, Madison HS*

OAKTON HS

See Outlook section for more information on renovation.

Region 1
 Year Opened 1967
 Capacity Enhancements 1992
 Renovations 1992
 Instructional Area 300,044 SF
 Building 300,044 SF
 Temporary Classrooms 8
 Acreage 58.84
 Feeder School(s) *Carson MS, Franklin MS, Thoreau MS, Crossfield ES, Marshall Road ES, Mosby Woods ES, Navy ES, Oakton ES, Waples Mill ES*

OLDE CREEK ES

Region 5
 Year Opened 1966
 Capacity Enhancements 1987
 Renovations 1997
 Instructional Area 69,097 SF
 Building 69,097 SF
 Temporary Classrooms 6
 Acreage 10.82
 Feeder School(s) *Frost MS, Robinson MS, Woodson HS, Robinson HS*

ORANGE HUNT ES

Region 4
 Year Opened 1974
 Capacity Enhancements 1976
 Renovations 2002
 Instructional Area 84,852 SF
 Building 84,852 SF
 Temporary Classrooms 8
 Acreage 14.04
 Feeder School(s) *Irving MS, West Springfield HS*

P**PARKLAWN ES**

Region 2
 Year Opened 1958
 Capacity Enhancements 2003
 Renovations 1998
 Instructional Area 90,572 SF
 Building 78,846 SF
 Modular 11,726 SF
 Modular Classrooms 10
 Temporary Classrooms 7
 Acreage 10.70
 Feeder School(s) *Glasgow MS, Holmes MS, Justice HS, Annandale HS*

PINE SPRING ES

Region 2
 Year Opened 1955
 Capacity Enhancements 1988
 Renovations 2001
 Instructional Area 68,654 SF
 Building 68,654 SF
 Temporary Classrooms 10
 Acreage 11.19
 Feeder School(s) *Jackson MS, Falls Church HS*

POE MS

Region 2
 Year Opened 1960
 Capacity Enhancements 1965
 Renovations 1997
 Instructional Area 178,500 SF
 Building 178,500 SF
 Temporary Classrooms 5
 Acreage 25.52
 Feeder School(s) *Annandale HS, Falls Church HS, Annandale Terrace ES, Braddock ES, Columbia ES, Mason Crest ES*

POPLAR TREE ES

Region 5
 Year Opened 1990
 Capacity Enhancements ---
 Renovations ---
 Instructional Area 97,274 SF
 Building 97,274 SF
 Temporary Classrooms 3
 Acreage 11.20
 Feeder School(s) *Rocky Run MS, Chantilly HS*

POWELL ES

Region 4
 Year Opened 2003
 Capacity Enhancements 2010
 Renovations ---
 Instructional Area 110,415 SF
 Building 98,590 SF
 Modular 11,825 SF
 Modular Classrooms 10
 Acreage 17.07
 Feeder School(s) *Liberty MS, Lanier MS*, Centreville HS, Fairfax HS**
 *City of Fairfax Schools

PROVIDENCE ES

Region 5
 Year Opened 1956
 Capacity Enhancements 1998
 Renovations 2001
 Instructional Area 99,601 SF
 Building 99,601 SF
 Temporary Classrooms 2
 Acreage 19.50
 Feeder School(s) *Lanier MS*, Fairfax HS**
 *City of Fairfax Schools

Q**R****RAVENSWORTH ES**

Region 4
 Year Opened 1963
 Capacity Enhancements 1990
 Renovations 2016
 Instructional Area 80,152 SF
 Building 80,152 SF
 Acreage 10.13
 Feeder School(s) *Lake Braddock MS, Lake Braddock HS*

RIVERSIDE ES

Region 3
 Year Opened 1968
 Capacity Enhancements 2009
 Renovations 2005
 Instructional Area 93,236 SF
 Building 81,411 SF
 Modular 11,825 SF
 Modular Classrooms 10
 Temporary Classrooms 7
 Acreage 11.02
 Feeder School(s) *Whitman MS, Sandburg MS, Mount Vernon HS, West Potomac HS*

ROBINSON HS

Region 4
 Year Opened 1971
 Capacity Enhancements 2005
 Renovations 1996
 Instructional Area 378,978 SF
 Building 367,153 SF
 Modular 11,825 SF
 Modular Classrooms 10
 Temporary Classrooms 17
 Acreage 78.40
 Feeder School(s) *Robinson MS, Bonnie Brae ES, Fairview ES, Laurel Ridge ES, Oak View ES, Olde Creek ES, Terra Centre ES, Union Mill ES*

ROBINSON MS

Region 4
 Year Opened 1971
 Capacity Enhancements 2005
 Renovations 1996
 Instructional Area 165,000 SF
 Building 165,000 SF
 Acreage 78.40
 Feeder School(s) *Robinson HS, Bonnie Brae ES, Fairview ES, Laurel Ridge ES, Oak View ES, Olde Creek ES, Terra Centre ES, Union Mill ES*

ROCKY RUN MS

See Outlook section for more information on renovation.
 Region 5
 Year Opened 1980
 Capacity Enhancements ---
 Renovations 2020
 Instructional Area 191,146 SF
 Building 191,146 SF
 Temporary Classrooms 4
 Acreage 25.20
 Feeder School(s) *Chantilly HS, Brookfield ES, Cub Run ES, Greenbriar East ES, Greenbriar West ES, Poplar Tree ES*

ROLLING VALLEY ES

Region 4
 Year Opened 1967
 Capacity Enhancements 1990
 Renovations 1998
 Instructional Area 77,528 SF
 Building 77,528 SF
 Temporary Classrooms 4
 Acreage 10.09
 Feeder School(s) *Irving MS, Key MS, West Springfield HS, Lewis HS*

ROSE HILL ES

Region 3
 Year Opened 1957
 Capacity Enhancements 2008
 Renovations 1994
 Instructional Area 95,801 SF
 Building 83,976 SF
 Modular 11,825 SF
 Modular Classrooms 10
 Temporary Classrooms 1
 Acreage 11.19
 Feeder School *Hayfield MS, Twain MS, Hayfield HS, Edison HS*

S

SANDBURG MS

Region 3
Year Opened 1963
Capacity Enhancements 1980
Renovations 2015
Instructional Area 269,678 SF
Building 269,678 SF
Acreage 35.24
Feeder School(s) *West Potomac HS, Belle View ES, Bucknell ES, Fort Hunt ES, Groveton ES, Hollin Meadows ES, Hybla Valley ES, Riverside ES, Stratford Landing ES, Waynewood ES*

SANGSTER ES

Region 4
Year Opened 1988
Capacity Enhancements 1996
Renovations ---
Instructional Area 88,552 SF
Building 88,552 SF
Temporary Classrooms 5
Acreage 13.90
Feeder School(s) *Lake Braddock MS, Irving MS, Lake Braddock HS, West Springfield HS*

SARATOGA ES

Region 3
Year Opened 1989
Capacity Enhancements ---
Renovations ---
Instructional Area 104,185 SF
Building 104,185 SF
Temporary Classrooms 4
Acreage 13.99
Feeder School(s) *Key MS, Lee HS*

SHREVEWOOD ES

Region 2
Year Opened 1966
Capacity Enhancements 1998
Renovations 1998
Instructional Area 69,480 SF
Building 69,480 SF
Temporary Classrooms 7
Acreage 13.42
Feeder School(s) *Kilmer MS, Marshall HS*

SILVERBROOK ES

See Outlook section for more information on renovation.
Region 4
Year Opened 1988
Capacity Enhancements 2001
Renovations 2020
Instructional Area 104,085 SF
Building 104,085 SF
Temporary Classrooms 1
Acreage 13.93
Feeder School(s) *South County MS, South County HS*

SLEEPY HOLLOW ES

Region 2
Year Opened 1954
Capacity Enhancements 1996
Renovations 2009
Instructional Area 72,361 SF
Building 72,361 SF
Temporary Classrooms 5
Acreage 10.00
Feeder School(s) *Glasgow MS, Justice HS*

SOUTH COUNTY HS

Region 4
Year Opened 2005
Capacity Enhancements 2007
Renovations ---
Instructional Area 385,732
Building 377,832 SF
Athletic Fields 7,900 SF
Acreage 69.39
Feeder School(s) *South County MS, Gunston ES, Halley ES, Laurel Hill ES, Newington Forest ES, Silverbrook ES*

SOUTH COUNTY MS

Region 4
Year Opened 2012
Capacity Enhancements ---
Renovations ---
Instructional Area 176,021 SF
Building 176,021 SF
Acreage 37.00
Feeder School(s) *South County HS, Gunston ES, Halley ES, Laurel Hill ES, Newington Forest ES, Silverbrook ES*

SOUTH LAKES HS

Region 1
Year Opened 1978
Capacity Enhancements 2018
Renovations 2008
Instructional Area 363,455 SF
Building 363,455 SF
Temporary Classrooms 4
Acreage 60.00
Feeder School(s) *Carson MS, Hughes MS, Crossfield ES, Dogwood ES, Floris ES, Forest Edge ES, Fox Mill ES, Hunter Woods ES, Lake Anne ES, Sunrise Valley ES, Terraset ES*

SPRING HILL ES

Region 1
 Year Opened 1965
 Capacity Enhancements 2013
 Renovations 1996
 Instructional Area 106,458 SF
 Building 106,458 SF
 Acreage 13.00
 Feeder School(s) *Cooper MS, Longfellow MS, Langley HS, McLean HS*

SPRINGFIELD ESTATES ES

Region 3
 Year Opened 1958
 Capacity Enhancements 2013
 Renovations 2016
 Instructional Area 89,166 SF
 Building 89,166 SF
 Acreage 10.60
 Feeder School(s) *Key MS, Lewis HS*

STENWOOD ES

Region 2
 Year Opened 1963
 Capacity Enhancements 1990
 Renovations 2012
 Instructional Area 70,109 SF
 Building 70,109 SF
 Temporary Classrooms 2
 Acreage 10.00
 Feeder School(s) *Kilmer MS, Thoreau MS, Marshall HS*

STONE MS

Region 5
 Year Opened 1991
 Capacity Enhancements ---
 Renovations ---
 Instructional Area 157,263 SF
 Building 157,263 SF
 Temporary Classrooms 1
 Acreage 24.83
 Feeder School(s) *Westfield HS, Bull Run ES, Cub Run ES, Deer Park ES, London Towne ES, Virginia Run ES*

STRATFORD LANDING ES

Region 3
 Year Opened 1963
 Capacity Enhancements 2005
 Renovations 2018
 Instructional Area 103,383 SF
 Building 103,383 SF
 Acreage 10.00
 Feeder School(s) *Sandburg MS, West Potomac HS*

SUNRISE VALLEY ES

Region 1
 Year Opened 1979
 Capacity Enhancements 1980
 Renovations 2016
 Instructional Area 85,702 SF
 Building 85,702 SF
 Acreage 14.98
 Feeder School(s) *Hughes MS, South Lakes HS*

T**TERRA CENTRE ES**

Region 4
 Year Opened 1980
 Capacity Enhancements ---
 Renovations 2015
 Instructional Area 88,395 SF
 Building 88,395 SF
 Temporary Classrooms 2
 Acreage 11.62
 Feeder School(s) *Robinson MS, Robinson HS*

TERRASET ES

Region 1
 Year Opened 1977
 Capacity Enhancements ---
 Renovations 2016
 Instructional Area 104,830 SF
 Building 104,830 SF
 Acreage 14.43
 Feeder School(s) *Hughes MS, South Lakes HS*

THOMAS JEFFERSON HS

Region 2
 Year Opened 1964
 Capacity Enhancements 2017
 Renovations 1989
 Instructional Area 388,767 SF
 Building 388,767 SF
 Acreage 39.15
 Feeder School(s) *None. VA Governor's School*

THOREAU MS

Region 1
 Year Opened 1960
 Capacity Enhancements 1986
 Renovations 2016
 Instructional Area 179,007 SF
 Building 179,007 SF
 Acreage 20.00
 Feeder School(s) *Madison HS, Marshall HS, Oakton HS, Cunningham Park ES, Flint Hill ES, Louise Archer ES, Marshall Road ES, Mosby Woods ES, Oakton ES, Stenwood ES, Vienna ES*

TIMBER LANE ES

Region 2
 Year Opened 1955
 Capacity Enhancements 1988
 Renovations 1996
 Instructional Area 80,709 SF
 Building 80,709 SF
 Temporary Classrooms 2
 Acreage 10.14
 Feeder School(s) *Longfellow MS, Jackson MS, McLean HS, Falls Church HS*

TWAIN MS

Region 3
 Year Opened 1961
 Capacity Enhancements 2002
 Renovations 1998
 Instructional Area 148,430 SF
 Building 148,430 SF
 Temporary Classrooms 4
 Acreage 23.52
 Feeder School(s) *Edison HS, Bush Hill ES, Cameron ES, Clermont ES, Franconia ES, Hayfield ES, Lane ES, Mount Eagle ES, Rose Hill ES*

U**UNION MILL ES**

Region 4
 Year Opened 1986
 Capacity Enhancements 2013
 Renovations ---
 Instructional Area 93,420 SF
 Building 93,420 SF
 Temporary Classrooms 4
 Acreage 13.00
 Feeder School(s) *Liberty MS, Robinson MS, Centreville HS, Robinson HS*

V**VIENNA ES**

Region 1
 Year Opened 1921
 Capacity Enhancements 1987
 Renovations 2010
 Instructional Area 74,904 SF
 Building 74,904 SF
 Acreage 15.19
 Feeder School(s) *Thoreau MS, Kilmer MS, Madison HS, Marshall HS*

VIRGINIA RUN ES

Region 5
 Year Opened 1989
 Capacity Enhancements ---
 Renovations ---
 Instructional Area 90,800 SF
 Building 90,800 SF
 Temporary Classrooms 3
 Acreage 20.85
 Feeder School(s) *Stone MS, Westfield HS*

W**WAKEFIELD FOREST ES**

See Outlook section for more information on renovation.
 Region 5
 Year Opened 1955
 Capacity Enhancements 1994
 Renovations 1994
 Instructional Area 64,458 SF
 Building 64,458 SF
 Temporary Classrooms 13
 Acreage 13.59
 Feeder School(s) *Frost MS, Woodson HS*

WAPLES MILL ES

Region 1
 Year Opened 1991
 Capacity Enhancements ---
 Renovations ---
 Instructional Area 92,420 SF
 Building 92,420 SF
 Temporary Classrooms 8
 Acreage 14.10
 Feeder School(s) *Franklin MS, Oakton HS*

WASHINGTON MILL ES

See Outlook section for more information on renovation.
 Region 3
 Year Opened 1963
 Capacity Enhancements 2004
 Renovations 1989
 Instructional Area 73,439 SF
 Building 61,614 SF
 Modular 11,825 SF
 Modular Classrooms 10
 Temporary Classrooms 16
 Acreage 11.53
 Feeder School(s) *Whitman MS, Mount Vernon HS*

WAYNEWOOD ES

Region 3
 Year Opened 1959
 Capacity Enhancements 2008
 Renovations 2018
 Instructional Area 89,904 SF
 Building 89,904 SF
 Acreage 10.16
 Feeder School(s) *Sandburg MS, West Potomac HS*

WEST POTOMAC HS

See Outlook section for more information on capacity enhancement.
 Region 3
 Year Opened 1960
 Capacity Enhancements ---
 Renovations 2001
 Instructional Area 361,245 SF
 Building 388,626 SF
 Pulley Center 27,381 SF
 Temporary Classrooms 18
 Acreage 44.78
 Feeder School(s) *Sandburg MS, Belle View ES, Bucknell ES, Fort Hunt ES, Groveton ES, Hollin Meadows ES, Hybla Valley ES, Riverside ES, Stratford Landing ES, Waynewood ES*
 (included in Building area; not included in Instructional Area)

WEST SPRINGFIELD ES

Region 4
 Year Opened 1964
 Capacity Enhancements 2012
 Renovations 2019
 Instructional Area 65,001 SF
 Building 65,001 SF
 Temporary Classrooms 3
 Acreage 10.03
 Feeder School(s) *Irving MS, West Springfield HS*

WEST SPRINGFIELD HS

Region 4
 Year Opened 1966
 Capacity Enhancements 1990
 Renovations 1990
 Instructional Area 387,429 SF
 Building 387,429 SF
 Acreage 38.62
 Feeder School(s) *Irving MS, Cardinal Forest ES, Hunt Valley ES, Keene Mill ES, Orange Hunt ES, Rolling Valley ES, Sangster ES, West Springfield ES*

WESTBRIAR ES

Region 2
 Year Opened 1965
 Capacity Enhancements 1985
 Renovations 2016
 Instructional Area 88,472 SF
 Building 88,472 SF
 Acreage 10.03
 Feeder School(s) *Kilmer MS, Longfellow MS, Madison HS, Marshall HS, McLean HS*

WESTFIELD HS

Region 5
 Year Opened 2000
 Capacity Enhancements 2006
 Renovations ---
 Instructional Area 422,298 SF
 Building 422,298 SF
 Temporary Classrooms 13
 Acreage 76.30
 Feeder School(s) *Stone MS, Coates ES, Cub Run ES, Deer Park ES, Floris ES, London Towne ES, McNair ES, McNair Upper ES, Virginia Run ES, Carson MS, Franklin MS, Bull Run ES, Oak Hill ES*

WESTGATE ES

Region 2
 Year Opened 1968
 Capacity Enhancements 1986
 Renovations 2016
 Instructional Area 84,912 SF
 Building 84,912 SF
 Acreage 10.33
 Feeder School(s) *Kilmer MS, Longfellow MS, Marshall HS, McLean HS*

WESTLAWN ES

Region 2
 Year Opened 1951
 Capacity Enhancements 2011
 Renovations 2012
 Instructional Area 93,749 SF
 Building 93,749 SF
 Temporary Classrooms 4
 Acreage 8.71
 Feeder School(s) *Jackson MS, Falls Church HS*

WEYANOKE ES

Region 2
 Year Opened 1949
 Capacity Enhancements 2000
 Renovations 1993
 Instructional Area 78,103 SF
 Building 78,103 SF
 Temporary Classrooms 3
 Acreage 10.00
 Feeder School(s) *Holmes MS, Annandale HS*

WHITE OAKS ES

Region 4
 Year Opened 1980
 Capacity Enhancements 2008
 Renovations 2019
 Instructional Area 95,386 SF
 Building 95,386 SF
 Acreage 15.73
 Feeder School(s) *Lake Braddock MS, Lake Braddock HS*

WHITMAN MS

Region 3
 Year Opened 1965
 Capacity Enhancements 2013
 Renovations 1997
 Instructional Area 166,633 SF
 Building 166,633 SF
 Acreage 19.99
 Feeder School(s) *Mount Vernon HS, Fort Belvoir Primary ES, Fort Belvoir Upper ES, Mount Vernon Woods ES, Riverside ES, Washington Mill ES, Woodlawn ES, Woodley Hills ES*

WILLOW SPRINGS ES

Region 5
 Year Opened 1990
 Capacity Enhancements ---
 Renovations ---
 Instructional Area 90,015 SF
 Building 90,015 SF
 Temporary Classrooms 8
 Acreage 20.68
 Feeder School(s) Lanier MS*,
 Fairfax HS*
 *City of Fairfax Schools

WOLFTRAP ES

Region 1
 Year Opened 1968
 Capacity Enhancements 1988
 Renovations 2005
 Instructional Area 74,436 SF
 Building 74,436 SF
 Temporary Classrooms 5
 Acreage 10.26
 Feeder School(s) Kilmer MS,
 Madison HS, Marshall HS

WOODBURN ES

Region 2
 Year Opened 1952
 Capacity Enhancements 1988
 Renovations 2009
 Instructional Area 64,735
 Building 64,735 SF
 Temporary Classrooms 7
 Acreage 10.00
 Feeder School(s) Jackson MS,
 Falls Church HS

WOODLAWN ES

Region 3
 Year Opened 1937
 Capacity Enhancements 2001
 Renovations 2016
 Instructional Area 97,567 SF
 Building 97,567 SF
 Acreage 10.95
 Feeder School(s) Whitman MS,
 Mount Vernon HS

WOODLEY HILLS ES

Region 3
 Year Opened 1951
 Capacity Enhancements 2013
 Renovations 1994
 Instructional Area 78,268 SF
 Building 78,268 SF
 Acreage 10.15
 Feeder School(s) Whitman MS,
 Mount Vernon HS

WOODSON HS

Region 5
 Year Opened 1962
 Capacity Enhancements 2000
 Renovations 2009
 Instructional Area 372,400 SF
 Building 388,533 SF
 FCPS Operational Support:
 16,133 SF
 (included in Building;
 not included in Instructional Area)
 Temporary Classrooms 2
 Acreage 56.00
 Feeder School(s) Frost MS,
 Canterbury Woods ES, Fairfax
 Villa ES, Little Run ES, Mantua
 ES, Oak View ES, Olde Creek ES,
 Wakefield Forest ES
 *DIT is included in building,
 excluded from capacity

X

Y

Z



SPECIAL EDUCATION AND NONTRADITIONAL SCHOOL PROGRAMS, ADMINISTRATIVE BUILDINGS, AND SUPPORT CENTERS

A

BRYANT ACHIEVEMENT, INTEGRITY, AND MATURITY (AIM)

Collocated with Bryant HS

Nontraditional School Program

Grades 7-12

Region None

Year Opened

Instructional Area Portion of 155,708 SF

Building Portion of 155,708 SF

Temporary Classrooms 7 (on site)

Acreage 23.78 (Collocated with Bryant HS)

Land Owned by Fairfax County School Board

B

BURKE SCHOOL

Special Education Center

Grades 1-8

Region 4

Year Opened 1940

Instructional Area 37,609 SF (shared)

Building 37,609 SF (shared)

Temporary Classrooms 21 (shared)

Acreage 10.05

Land Owned by Fairfax County School Board

BRYANT ALTERNATIVE LEARNING CENTER (ALC)

Collocated with Bryant HS

Nontraditional School Program

Grades 9-10

Region None

Year Opened

Instructional Area Portion of 155,708 SF

Building Portion of 155,708 SF

Temporary Classrooms 7 (on site)

Acreage 23.78 (Collocated with Bryant HS)

Land Owned by Fairfax County School Board

BURKE ALTERNATIVE LEARNING CENTER (ALC)

Collocated with Burke School

Nontraditional School Program

Grades K-6

Region 4

Year Opened 1940

Instructional Area 37,609 SF (shared)

Building 37,609 SF (shared)

Temporary Classrooms 21 (shared)

Acreage 10.05

Land Owned by Fairfax County School Board

C

CEDAR LANE

Special Education Center
 Grades 9-12
 Region 1
 Year Opened 1982 (Former school)
 Instructional Area 47,020 SF
 Building 47,020 SF
 Temporary Classrooms 3
 Acreage 11.0
 Land Owned by Fairfax County School Board

D

DAVIS CAREER CENTER

Collocated with Marshall HS
 Special Education Center
 Grades 7-12
 Region 2
 Year Opened
 Instructional Area 17,624 SF
 Building Portion of 368,116 SF
 Acreage 46.5 (Collocated with Marshall HS)
 Land Owned by Fairfax County School Board

DUNN LORING ADMINISTRATIVE CENTER

Instructional Services
 Special Services
 Year Opened 1939 (Former school)
 Capacity Enhancements 1989 Addition,
 2000 Region 2 Offices update, 2006 Staff
 development space
 Renovations 1940, 1944, 1952, 1991, 2006 ALC
 renovations, 2016 ESOL offices
 Building 42,405 SF
 Temporary Offices 2
 Acreage 9.7
 Land Owned by Fairfax County School Board

E

EDISON SATELLITE SUPPORT CENTER

Collocated with Edison HS
 Facilities and Transportation, Office of Facilities
 Management Satellite Location
 Year Opened 1990
 Building 15,768 SF
 Acreage 43.48 (Collocated with Edison HS)
 Land Owned by Fairfax County School Board

ENERGY ZONE CENTER

Financial Services, Office of Food and Nutrition
 Services Warehouse
 Year Opened 1989
 Building 30,000 SF
 Acreage 2.85
 Land Leased by Fairfax County School Board

F

FAIRFAX COUNTY ADULT HIGH SCHOOL WEST

Adult High School (AHS) and Adult and Community
 Education (ACE)
 Year Opened 2000
 Building 6,000 SF
 Acreage --
 Land Leased by Fairfax County School Board

FAIRFAX COUNTY ADULT HIGH SCHOOL

(See Plum Center)

FORBES CENTER

ERFC Retirement Office
 Year Opened 2000
 Building 12,143 SF
 Acreage --
 Land Leased by Fairfax County School Board

FORTE SUPPORT CENTER

Inventory Management and Mail Services

Year Opened 1985

Building 76,168 SF

Acreage 9.03

Land Owned by Fairfax County Board of Supervisors

G**GATEHOUSE ADMINISTRATIVE CENTER**

FCPS Central Administrative Offices

Year Opened 2006

Building 208,000 SF

Acreage 6.3

Land Owned by Fairfax County Board of Supervisors

GRAHAM ROAD COMMUNITY BUILDING

Adult and Community Education (ACE),
Nontraditional School Programs,

School Aged-Child Care (SACC)

Year Opened 1950 (Former school)

Capacity Enhancements 2018, 2016

Renovations 1951, 1967, 1983

Building 71,730 SF

Acreage 4.66

Land Owned by Fairfax County School Board

H**HERNDON SATELLITE SUPPORT CENTER**

Facilities and Transportation, Office of Facilities
Management Satellite Location

Year Opened 2005

Building 13,563 SF

Acreage --

Land Leased by Fairfax County School Board

I**INSTRUCTIONAL PROGRAM SUPPORT CENTER (IPSC)**

Instructional Services, Library Services Warehouse

Year Opened 1999

Building 47,000 SF

Acreage --

Land Leased by Fairfax County School Board

J**K****KEY CENTER**

Collocated with Key MS

Special Education Center

Grades Ages 5-22

Region 3

Year Opened 1979

Instructional Area 47,438 SF

Building Area Portion of 221,670 SF

Acreage 20.60 (Collocated with Key MS)

Land Owned by Fairfax County School Board

KILMER CENTER

Collocated with Kilmer MS

Special Education Center

Grades Ages 5-21

Region 2

Year Opened 1977

Instructional Area

Building Area Portion of 194,855 SF

Acreage 23.40 (Collocated with Kilmer MS)

Land Owned by Fairfax County School Board

L

LEIS ADMINISTRATIVE CENTER

Instructional Services, Office of Early Childhood

Special Services, Assistive Technology Services

Year Opened 1955 (Former school)

Capacity Enhancements 1999-2016 office modifications

Renovations 1957

Building 38,351 SF

Temporary Offices 3

Acreage 8.09

Land Owned by Fairfax County School Board

LORTON TRANSPORTATION CENTER

Facilities and Transportation, Transportation Services Offices

Year Opened 1934 (Former school)

Capacity Enhancements 1990 construction of office, 2002 sewer line connection, 2007 bus parking expansion, 2010 bus parking lot added, 2015-16 office modifications

Renovations 1941,1952,1958,1962,1971

Major Maintenance 1994 boiler replacement, 2009 electrical upgrade 2003 fire alarm replaced

Building 30,479 SF

Acreage 3.71

Land Owned by Fairfax County School Board

M

MERRIFIELD SUPPORT CENTER

Facilities and Transportation, Office of Facilities Management Satellite Location

Year Opened 2012

Building 27,270 SF

Acreage --

Land Leased by Fairfax County School Board

MONTROSE ALTERNATIVE LEARNING CENTER (ALC)

Collocated with Holmes MS

Nontraditional School Program

Grades 7-8

Year Opened

Instructional Area 12,158 SF

Building Portion of 158,399 SF

Acreage 28.2 (Collocated with Holmes MS)

Land Owned by Fairfax County School Board

MOUNTAIN VIEW ACHIEVEMENT, INTEGRITY AND MATURITY (AIM)

Collocated with Mountain View HS

Nontraditional School Program

Grades 7-12

Instructional Area Portion of 63,296 SF

Building 49,477 SF

Modular Portion of 13,816 SF

Modular Classrooms 10

Temporary Classrooms 2

Acreage 11.26 (Collocated with Mountain View HS)

Land Owned by Fairfax County School Board

MOUNTAIN VIEW ALTERNATIVE LEARNING CENTER (ALC)

Collocated with Mountain View HS

Nontraditional School Program

Grades 9-12

Instructional Area Portion of 63,296 SF

Building 49,477 SF

Modular Portion of 13,816 SF

Modular Classrooms 10

Temporary Classrooms 2

Acreage 11.26 (Collocated with Mountain View HS)

Land Owned by Fairfax County School Board

N

O

P

PICKETT ANNEX

Collocated with Woodson Support Complex and Woodson HS

Special Services

Buildings 8,035 SF

Acreage 97.55 (Collocated with Woodson Support Complex and Woodson HS)

Land Owned by Fairfax County School Board

PIMMIT HILLS ADMINISTRATIVE CENTER

Instructional Services, Adult and Community Education (ACE)

Special Services, Early Childhood Special Education

Grades Preschool, 5-Adult

Year Opened 1955 (Former school)

Renovations 1958, 1991 new senior center, 1999 with additions, 2000

Building 46,533 SF

Acreage 8.79

Land Owned by Fairfax County School Board

PLUM CENTER FOR LIFELONG LEARNING

Instructional Services, Adult and Community Education (ACE)

Nontraditional School Programs, Adult High School

Year Opened 1957 (Former school)

Capacity Enhancements 2002-2018, 8 classrooms and office modifications for ACE

Renovations 1984, 1997, 2007

Building 40,150 SF

Temporary Offices 5

Acreage 10.0

Land Owned by Fairfax County School Board

PULLEY CAREER CENTER

Collocated with West Potomac HS

Special Education Center

Grades 9-12

Instructional Area 27,381SF

Building Portion of 393,679 SF

Acreage 44.78 (Collocated with West Potomac HS)

Land Owned by Fairfax County School Board

Q

QUANDER ROAD SCHOOL

Special Education Center

Grades 9-12

Year Opened 1965

Building 49,646 SF

Temporary Offices 6

Land Owned by Fairfax County School Board

R

S

SIDEBURN SUPPORT CENTER

Collocated with Robinson HS

Facilities and Transportation, Office of Facilities Management

Year Opened 1964

Building 38,530

Temporary Offices 2

Acreage 78.40 (Collocated with Robinson HS)

Land Owned by Fairfax County School Board

SPRAGUE TECHNOLOGY CENTER

Information Technology, Support Center

Year Opened 1964 (Former school)

Capacity Enhancements 1984 Media center addition and renovation

Operational Area 53,303 SF

Building 43,300 SF

Modular 10,003 SF

Acreage 10.0

Land Owned by Fairfax County School Board

STONECROFT TRANSPORTATION CENTER

Facilities and Transportation, Transportation Services

Year Opened 2012

Capacity Enhancements 2016 Duplex trailer

Renovations 2003

Modular 13,816 SF

Temporary Offices 2

Acreage --

Land Owned by Fairfax County School Board

T

U

V

VIRGINIA HILLS ADMINISTRATIVE CENTER

Special Services, Early Childhood Special Education

Year Opened 1954 (Former school)

Capacity Enhancements 2000 Region office, 2016 office modifications

Building 31,195 SF

Acreage 10.0

Land Owned by Fairfax County School Board

W

WILLOW OAKS ADMINISTRATIVE CENTER

Instructional Services

Special Services

Year Opened 2016

Building 122,948 SF

Acreage --

Land Leased by Fairfax County School Board

WILTON WOODS CENTER

Information Technology

Year Opened 1962 (Former school)

Capacity Enhancements 1990 alterations and additions, 2003 UPS, 2006 NOC renovation

Renovations 2009 NOC HVAC and electrical upgrade, 1990, 1964

Building 43,839 SF

Temporary Offices 7

Acreage 10.01

Land Owned by Fairfax County School Board

WOODSON ANNEX

Collocated with Woodson HS

Information Technology

Operational Area 16,133 SF

Building Portion of 388,533 SF (Woodson HS)

Acreage 97.55 (Collocated with Woodson Support Complex and Woodson HS)

Land Owned by Fairfax County School Board

WOODSON SUPPORT COMPLEX

Collocated with Pickett Annex and Woodson HS

Facilities and Transportation, Office of Facilities Management Central Operations and Ground Operations

Financial Services, Food and Nutrition Services

Capacity Enhancements 1985 conversion of old freezer building for food service personnel, 2007 Food service warehouse

Buildings 42,350 SF

Acreage 97.55 (Collocated with Woodson Support Complex and Woodson HS)

Land Owned by Fairfax County School Board

Z**SITES****CLIFTON ES**

Former Elementary School Site

Region 4

Acreage 14.15

Land Owned by Fairfax County School Board

"ROUTE 1" ES

Vacant Site

Region 3

Acreage 10.0

Land Owned by Fairfax County School Board

STONEHURST

Vacant Site

Region 1

Acreage 5.39

Land Owned by Fairfax County School Board

"TYSONS" ES

Site with Athletic Fields

Region 2

Acreage 7.93

Land Owned by Fairfax County Board of Supervisors

WATERS AND CAFFI FIELDS

Site with Athletic Fields

Region 1

Acreage 6.74

Land Owned by Fairfax County School Board

"WESTERN" HS

Region 1

Land Owned by Fairfax County School Board

"WESTFIELD" ES

Region 5

Land Owned by Fairfax County School Board

X**Y**



GLOSSARY

A

ADDITION

Permanent construction that adds square footage to a school and is subject to all Fairfax County zoning, building codes, and permitting processes.

ADMINISTRATION (SPACE)

Spaces which support the administrative staff such as: offices, work rooms, and storage.

ADVANCED ACADEMIC PROGRAM (AAP) CENTER

A school that has been identified to educate students who qualify for Level IV Advanced Academic Services in FCPS on a full-time basis in order to receive a challenging instructional program in the four core subject areas. Students in this program are grouped together for their core instruction by grade level.

ADVANCED ACADEMIC PROGRAM LOCAL LEVEL IV PROGRAM (NON-CENTER BASED)

A program that provides students another avenue to access advanced academic services in their base school. Center-eligible students, who choose to remain in their local school, receive the same advance academic curriculum as students who attend centers. Depending on the number of eligible students at the local school, a student will attend classes with other eligible students and/or other high achieving students. This was previously known as the "Gifted and Talented Program."

ALTERNATIVE SCHOOL PROGRAMS

A variety of intervention and support programs for students at risk for expulsion for inappropriate behavior, students conditionally expelled, and students whose adjustment to traditional education interferes with successful participation in general education.

ATTENDANCE ISLAND

A geographic area that is assigned to a school within a particular boundary, although the area is not contiguous to the school boundary.

ATTENDING SCHOOL

School at which students attend although they may be assigned to a different school (base school).

B

BASE SCHOOL

School to which students are assigned based upon the school boundary in which they reside although they may be attending a different school (attending school).

BIRTH TO K RATIO

A ratio comparing the number of births at a point in time and the kindergarten student membership five to six years later. Students are eligible for kindergarten when they have turned five years old prior to September 30th of any given school year. Consequently, the timeframe between birth to kindergarten can be between five and six years.

BOARD OF SUPERVISORS

(See FAIRFAX COUNTY BOARD OF SUPERVISORS (FCBOS))

BOND

A written promise to pay a specified sum of money (called the principal) at a specified date in the future, together with periodic interest as a specified rate. Bonds are a form of long-term borrowing used for capital improvements and new construction.

BOND REFERENDUM

The law requires that voters approve bonds since they are a future obligation for taxpayers and a referendum is the process by which residents vote to approve or deny a bond request.

BUILDING LIFE CYCLE

Life span of a building in which all components of the construction operate efficiently and meet the requirements of the occupants. Construction components include mechanical, plumbing, and electrical; heating, ventilating, and air conditioning (HVAC); and architectural installations.

C**CAPACITY**

The number of students a school can support when the restriction of program of studies is applied.

CAPACITY DEFICIT

Term used when referring to a school with a greater membership than its program capacity; school may be referred to as "overcrowded".

CAPACITY ENHANCEMENT

Permanent construction and interior architectural modifications that provide additional classroom space, thereby increasing capacity.

CAPACITY SURPLUS

Term used when referring to a school with a membership less than 85 percent of its program capacity.

CAPACITY UTILIZATION

Percentage of program capacity that is utilized by the total student membership within a school. In this CIP the terms "capacity utilization" and "program capacity utilization" are used interchangeably.

CAPITAL BUDGET

Manages funding for school construction projects, which can include new construction, renovations, capacity enhancements, site acquisitions, and additions. The primary source of funding for capital budget is the sale of general obligation bonds authorized by the voters in the bond referendum.

CAPITAL CONSTRUCTION CASH FLOW

Details how much money has been spent on each of the listed projects, how much approved bond-funded money is planned to be spent in the future, and how much unfunded money (from future bonds) is needed to complete all projects. The Capital Construction Cash Flow order is based on the Renovation Queue Status order along with projects that are needed to accommodate expected student membership growth.

CAPITAL IMPROVEMENT PROGRAM (CIP)

The Capital Improvement Program (CIP) annually evaluates current student membership analysis and capital facilities data in order to identify future capital needs for new construction, capacity enhancements, and facility renovations. The CIP document is used as a basis for the determination of timing and scope of proposed bond referenda which are placed before the voters of Fairfax County. The primary source of funding for school construction projects is the sale of bonds authorized by the voters in these referenda.

CAPITAL IMPROVEMENT PROJECTS

New Construction, capacity enhancements, facility renovations, and site acquisition.

COHORT

A group of students who are educated at the same period of time—a grade level or class.

CORE (SPACE)

Mandatory learning spaces such as primary, elementary, and self-contained special education classrooms; required classes in middle and high school.

D**DEBT CAP**

The maximum amount that a local government can borrow without resulting in a need for a reduction in its credit rating. Established for FCPS by the Fairfax County Board of Supervisors (FCBOS) at \$180 million annually.

DESIGN CAPACITY

Capacity based on the number of students a building can support per the original design of the building. The design capacity remains constant until a school undergoes a renovation or addition. (See also PROGRAM CAPACITY)

DEVELOPMENT CENTER

A geographic area identified by the Fairfax County Comprehensive Plan where the majority of future development, including new housing, will be focused.

DIVISIONWIDE COMPREHENSIVE PLAN (DWCP)

The DWCP is consistent with, and is included within, the VBOE Comprehensive Plan. The DWCP includes a forecast of enrollment changes, and a plan for projecting and managing enrollment changes including consideration of the consolidation of schools to provide for a more comprehensive and effective delivery of instructional services to students and economies in school operations. A report is presented by the Fairfax County School Board (FCSB) to the public by November 1 of each odd-numbered year describing the extent to which the objectives of the DWCP have been met during the previous two school years.

E**EARLY CHILDHOOD CLASS BASED (ECCB) SERVICE**

Provides instruction in a classroom setting and is located in a number of elementary schools within FCPS. The curriculum is language rich and emphasizes communication, early literacy, social development, and development of other skills as designated in the student's Individualized Education Program (IEP).

EARLY HEAD START (EHS)

A full-day program housed within the schools, providing comprehensive services to income-eligible infants, toddlers, and expectant mothers living in Fairfax County. Early Head Start funds provide services to 48 students in FCPS each year. (See FCPS PreK)

EDUCATIONAL SPECIFICATIONS

Explicit requirements mandated by the Virginia Department of Education and the FCSB, which are necessary to create a common set of expectations including square footage and design features of spaces across school buildings.

ENGLISH SPEAKERS OF OTHER LANGUAGES (ESOL)

A program to help students with limited English proficiency learn literacy and content concepts in order to function successfully in the general education program.

ENROLLMENT

The total number of students that have completed registration in a given school unit on a daily basis. For CIP reporting purposes, membership numbers are used. (See MEMBERSHIP)

F**FACILITIES AND ENROLLMENT DASHBOARDS**

These dashboards have been prepared to display information about student membership and the use of school facilities at FCPS. These include data related to student membership, births, student transfers, temporary classrooms, capacity utilization, renovations, and new construction projects which are identified in the CIP.

FACILITIES PLANNING ADVISORY COUNCIL (FPAC)

Established in September of 2010 to "advise and inform in the development of comprehensive, long term plans for facilities needs in the most effective and efficient way." An annual report is submitted to the FCSB and it includes recommendations to aid in future facilities planning efforts.

FAIRFAX COUNTY BOARD OF SUPERVISORS (FCBOS)

Consists of nine members elected by magisterial district, plus a chairman elected at-large.

Establishes county government policy, passes resolutions and ordinances (within the limits of its authority established by the Virginia General Assembly), approves the budget, sets local tax rates, approves land use plans, and makes appointments to various positions.

FAIRFAX COUNTY SCHOOL BOARD (FCSB)

Consists of nine members elected by magisterial district, one which is a chairman, plus three elected members at-large. Sets general school policy and establishes guidelines that will ensure the proper administration of the Fairfax County Public Schools programs.

FCPS PRE-KINDERGARTEN (PreK)

A full-day preschool program housed within a school that provides comprehensive services to income-eligible households in which 3- and 4-year-old children live in Fairfax County. Virginia Preschool Initiative and Virginia Preschool Initiative Plus grant funds are braided with local funds in order to provide services to more than 1,750 students each year. (See EARLY HEAD START (EHS))

FEEDER SCHOOL

School progression to which or from which students are assigned.

FISCAL YEAR (FY)

A 12-month period used for accounting and reporting purposes and preparing financial statements in an organization. FCPS' financial year encompasses the 12 months beginning July 1 and ending the following June 30.

FIVE-YEAR PROJECTION SET

Membership projections for the five-year planning period, that are utilized for facilities planning and to update the schedule of capital projects included in the CIP.

FREE AND REDUCED-PRICE MEALS (FRM)

Program required for participation in the federally funded school lunch program under the National School Lunch and Child Nutrition Acts. This program provides free or reduced-price meals to children who live in households that have been determined to be eligible under the program and supports the belief of the FCSB that every school-age child should have access to an adequate lunch. (See also TITLE I)

G**GENERAL EDUCATION PROGRAM**

The education programs that serve students in the core instructional areas, namely elementary, middle, and high school instruction.

GENERAL OBLIGATION BOND

The primary funding source for the Construction Fund. Voter approval authorizes the FCBOS to sell bonds, when needed, to generate the funds for a range of public facilities, including schools. The most recent School Bond Referendum was approved by county residents in November 2019.

GIFTED AND TALENTED CENTER

(See ADVANCED ACADEMIC PROGRAM (AAP) CENTER)

GIFTED AND TALENTED PROGRAM

(See ADVANCED ACADEMIC PROGRAM LOCAL LEVEL IV PROGRAM (NON-CENTER BASED))

GRANDFATHERING

(See PHASING OF ADJUSTMENTS)

H

HIGH SCHOOL ACADEMY

A center within an existing high school that offers advanced technical and specialized courses that successfully integrate career and academic preparation.

HIGH SCHOOL PYRAMID

Group of schools located geographically within each high school boundary. At the top of each pyramid is one high school, followed by one or more middle schools, then multiple elementary schools. Each lower school level of the pyramid generally feeds into the one above.

I

IMMERSION PROGRAM

Education program of acquiring a world language through content matter instruction.

INFRASTRUCTURE FINANCING COMMITTEE (IFC)

A joint FCSB/County Board Committee established in April 2013 as a working group to collaborate and review both County and School Capital Improvement Programs and capital requirements.

INFRASTRUCTURE REPLACEMENT AND UPGRADES

The planned replacement of building subsystems that have reached the end of their useful life. These systems, once replaced, will typically endure for more than 20 years. Without significant reinvestment in building subsystems, older facilities can fall into a state of ever-decreasing condition and functionality, and the maintenance and repair costs necessary to operate the facilities increase. Currently these types of Infrastructure Replacement and Upgrades are funded within operational budgets or financed using municipal bonds.

IN-MIGRATION

Number of new students (excluding kindergarten) when comparing the membership of one school year to the membership of the previous school year. (See also OUT-MIGRATION)

J

K

K-3 CAP

State and locally funded Primary Class Size Reduction Program to establish maximum individual class size and pupil-teacher ratio in kindergarten through third grade for raising student achievement in high poverty schools.

L

M

MEMBERSHIP

An official count of active students at a snapshot in time. Concurrently enrolled students at a second school are counted at their school of membership, not at their concurrent school. For CIP reporting purposes, September certified membership numbers are used.

MIGRATION

A term used to refer to students new to FCPS (in-migration) and students who did not return to FCPS (out-migration).

MODULAR CLASSROOMS

Prefabricated buildings that are constructed off site in a factory and transported to school grounds to provide additional classroom space to accommodate students. They are portable, can be relocated, and typically are ready for use 30-60 percent faster than on-site built construction. Modularity sit on a permanent foundation. They have plumbing, interior corridors, and bathroom facilities. Modular additions are included in the calculation of school design and program capacity.

NEW CONSTRUCTION

Construction of a new facility or expansion of an existing facility with no other renovation work performed on an existing building or buildings. New Construction is typically financed through municipal bonds. Projects that are considered when significant capacity deficits are likely to persist over time. Although this is the costliest method of accommodating student growth, it is an important option when capacity needs cannot be met within a given area of the school system.

N

NCRA - NONTRADITIONAL CAREER READINESS ACADEMIES

A partner with Career and Technical Education (CTE) to provide students with opportunities to explore their passions through career preparation programs that are co-located at FCPS Academy sites. A smaller class size for core classes and a structured learning environment, the opportunity to participate in CTE programs provides a link to business and industry that starts the students down the path toward their career field of choice.

NET MIGRATION

The difference between the number of students new to FCPS (in-migration) and the number of students who did not return to FCPS (out-migration).

NET TRANSFER

The difference between the number of students that attend a school in a different boundary (transfers-in) and the number of students that are assigned to a school based upon the school boundary in which they reside but attend a different school (transfers-out).

O

OPERATING BUDGET

This budget provides for the day-to-day operations and maintenance of the schools and is funded primarily by county and state funds. At times, operating funds are used to relieve overcrowding at school facilities through interior modifications and trailers to accommodate students.

OPERATIONS AND MAINTENANCE

The recurring, day-to-day, periodic, or scheduled work required to preserve, control deterioration, and provide for the basic operation of a facility. This type of maintenance is routine and is based on frequency schedules, responding to service requests, or through periodic inspection and correction efforts. Operations and maintenance is typically funded through operational budgets.

OUT-MIGRATION

Number of students who did not return (excluding 12th grade students) when comparing the membership of one school year to the membership of the previous school year.

OVERCROWDED

(See CAPACITY DEFICIT)

P

PHASING OF ADJUSTMENTS

Carrying out changes to a school boundary in gradual stages, generally by a grade or set of grades at a time. FCPS Policy 8130 titled “Local School Boundaries, Program Assignments, and School Closings” governs and provides the details of the Phasing of Adjustments.

PRESCHOOL AUTISM CLASSES (PAC)

Preschool Autism Class (PAC) services are designed with a reduced adult to student ratio and provide systematic instruction in a highly structured setting to maximize learning. PAC services are designed to address the specific needs of preschool-age children who have been identified as having Autism Spectrum Disorder or present characteristics on the autism spectrum, and who cannot benefit from the early childhood class-based program.

PROFFER

A proffer is a voluntary proposal submitted to a locality by an applicant requesting a change in zoning in order to mitigate the impacts to public facilities, including schools, that are generated by the proposed use. Proffers can address both on-site and off-site impacts and once proffers are accepted, they become a part of the zoning regulations applicable to the property unless subsequently changed by a zoning concept plan amendment application or by a new zoning map amendment.

PROGRAM CAPACITY

Capacity based on the number of existing core classrooms and the specific unique programs assigned to a school that differs from the original design of the building. This capacity is recalculated every school year based on the program changes. (See also DESIGN CAPACITY)

PROGRAM CAPACITY UTILIZATION

(See CAPACITY UTILIZATION)

PROGRAMMATIC SQUARE FOOTAGE

Space utilized within a building to support instructional programming; may be different from the building gross square footage.

PYRAMID

(See HIGH SCHOOL PYRAMID)

Q

R

REGION

A school Region is a geographic boundary that contains multiple high school pyramids. Regions also include alternative schools and centers. Regions provide necessary support for schools and the community within a geographic area. There are five regions in Fairfax County.

RENOVATION

Renovations are aimed at ensuring that all schools provide the facilities necessary to support current educational programs regardless of the age of the buildings. Renovations are also used to restore capacity lost due to low-ratio special program instruction and other new instructional support needs (e.g., technology labs). Depending on need, a renovated school may acquire a new heating plant, air conditioning, upgraded electrical and plumbing systems, and spaces required to support the educational program. Renovations are performed on a facility in order to replace all building subsystems which have outlived their useful life, as well as, alter, modernize, expand, or remodel the existing space. Renovations also may improve or modernize the operations and functions of the facility and bring the facility up to current code standards. Renovations are typically financed through municipal bonds.

RENOVATION QUEUE

The renovation program is funded and executed according to this published priority listing, which is based upon condition assessments provided by independent architectural and engineering firms in 2008. The Capital Construction Cash Flow order is based on the Renovation Queue Status order along with projects that are needed to accommodate expected student membership growth.

S

SCHOOL AGE CHILD CARE (SACC)

Sponsored by Fairfax County Office for Children, SACC provides school-based day care facilities for elementary school children before and after school.

SCHOOL BOARD

(See FAIRFAX COUNTY SCHOOL BOARD (FCSB))

SCHOOL YEAR (SY)

The school year consists of 180 days and is established by the FCSB in accordance with FCPS Regulation 1344 Standard School Year Calendar.

SPECIAL EDUCATION LEVEL 1 SERVICES

Level 1 services refer to the provision of special education and related services to children with disabilities for less than 50 percent of their instructional school day (excluding intermission for meals). The time that a child receives special education services is calculated based upon special education services described in the Individualized Education Program (IEP), rather than the location of services. The student membership projections and historical membership reports include these students in the grade level projections.

SPECIAL EDUCATION LEVEL 2 SERVICES

Level 2 services refer to the provision of special education and related services to children with disabilities for 50 percent or more of the instructional school day (excluding intermission for meals). The time that a child receives special education services is calculated based upon special education services described in the Individualized Education Program (IEP), rather than the location of services. The student membership projections and historical membership reports include these students in the column entitled "Special Education."

SPECIAL EDUCATION PROGRAMS

Specially designed instruction to meet the unique needs of a child with a disability. Special education services may include, but are not limited to preschool autism, autism, intellectual disabilities, deaf or hard of hearing, blind and visually impaired, or physical disabilities. A continuum of services is available at every school and comprehensive services are provided at selected sites.

SPLIT FEEDER

A school from which students progress to more than one higher-level school. For example, an elementary school boundary that intersects the school boundary of two middle schools.

STANDARDS OF QUALITY (SOQ)

The SOQ serve as the foundation program for public schools in Virginia and are reviewed approximately every two years. School divisions are required to maintain an educational program meeting the SOQ.

STUDENT YIELD RATIO

A ratio that is derived by dividing number of students by number of housing units (by type) in existing specified area. When used for the student enrollment projections, this ratio helps in determining the number of students expected to come from new housing. For example, a housing development with 20 single family attached housing units and five elementary school students would have a student yield ratio of 0.25 elementary school students per single family attached housing unit.

SUPPLEMENTAL (SPACE)

Locally mandated enrichment spaces such as gymnasium, music, and art in elementary schools; these are considered electives in high and middle schools.

SUPPORT (SPACE)

Spaces which offer support to the students during the day such as cafeteria, toilets, locker rooms, and media center.

T**TEMPORARY FACILITIES/CLASSROOMS (TRAILER CLASSROOMS)**

Temporary buildings that are installed on the grounds of schools to provide additional classroom space. Temporary classrooms sit on permanent foundations but do not have plumbing utilities. Temporary classrooms are not included in the calculation of school design or program capacity.

TITLE I

Title I is a federal aid program established to provide all children significant opportunities to receive a fair, equitable, and high-quality education, and to close educational achievement gaps. Title I elementary schools with the highest level of poverty receive funds that are used for staff and resources to meet the needs of their students and families. Schools are identified for Title I funds based on the percentage of students eligible for free or reduced-price meals.

TRANSFER STUDENTS

Students that reside within one school boundary, are assigned to that school (Base School) by the school system but attend another school within a different school boundary (Attending School). The transfer process within the school district is completed pursuant to FCPS Regulation 2230.14, effective July 30, 2018. Students shall attend the school that serves his or her attendance area, or boundary, unless FCPS determines that a different instructional program is required to meet his or her needs.

TSRC - TRANSITION SUPPORT RESOURCE CENTER

A short-term intervention program, typically one semester to one year in length. Electively placed students who demonstrate success in this learning environment may remain enrolled through graduation. Electively placed students may also choose to return to their base school or transition to another nontraditional school program. Teachers at each site use a combination of small group instruction and online learning to provide access to content. The TSRC focus is to improve each student's academic performance and help with a successful re-entry into his or her next educational placement.

U**V****VALUE ENGINEERING**

A cost evaluation technique based on a systematic analysis of the functions of a project to identify unnecessary, high costs and to eliminate or modify elements that add cost to the project without contributing to its required function.

VIRGINIA PUBLIC SCHOOL AUTHORITY (VSPA)

The VSPA consists of the State Treasurer, the State Comptroller, the SPI, and five additional members who are appointed by the Governor. The VSPA operates several financing programs for public primary and secondary education and is established via Section 22.1-162 et seq. of the Code of Virginia.

VIRGINIA DEPARTMENT OF EDUCATION (VDOE)

VDOE is the administrative agency for Virginia public schools.

VIRGINIA BOARD OF EDUCATION (VBOE)

Administers the free public elementary and secondary school system and prescribes Standards of Quality (SOQ) for public schools; adopts the Board of Education Comprehensive Plan.

W

X

Y

Z





Department of Facilities and Transportation Services
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