

Annual APS Enrollment Projections Report





FALL 2019 - 2028



JANUARY 2019

All Arlington Public Schools (APS) budget and operations decisions are based on the best information available at the time. Staff and community members are reminded that funding forecasts from Arlington County and the state may change, based on many external factors. Similarly, student enrollment and projections are based on the best available information, but are also subject to change due to employment, housing and other economic factors. For these reasons, APS and the Arlington School Board may adjust future budget allocations, staffing and other operations decisions to reflect the existing community and operating landscape.

Annual APS Enrollment Projections Report Fall 2019-20 through Fall 2028-29

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Executive Summary

The Arlington Public Schools (APS) Annual Enrollment Report provides a comprehensive look at the Fall ten-year student enrollment projections. The report provides detailed information on the number of students projected to be enrolled at each school on September 30 each year for the ten-year period beginning in 2019-20 and ending in 2028-29.

For thirteen years in a row, APS student enrollment has increased from the previous year. Since Fall 2008 (19,534 students), APS Pre-Kindergarten (Pre-K) through 12th grade enrollment has increased by 7,902 students, which equates to 40% growth over the past decade. Over the next decade, APS is projected to grow by more than 6,700 students in Grades PreK-12.

To estimate future Kindergarten (K)-12 enrollment, APS uses three sets of statistics: the number of resident live births for Arlington County (for kindergarten projections only); the three-year history of enrollment change (i.e., cohort transition rate); and the anticipated student yield from "future" housing units. Pre-Kindergarten enrollment capacity was provided by the Department of Teaching & Learning for the 2019-20 school year and are appended to each 2019-28 projection year to develop the system-wide PreK-12 enrollment totals.

Recent changes in the options and transfers policy, in addition to boundary adjustments compelled by the opening of Alice West Fleet Elementary School and Dorothy Hamm Middle School, have disrupted historical enrollment trends and required APS planning staff to update methods for preparing the 10-year enrollment projections. APS planning staff has collaborated with Arlington County Government to receive future resident births and housing unit construction information to ensure that APS student enrollment projections are aligned with county forecasts. Also, APS has reached out to additional stakeholders using an internal review committee to assess enrollment projection methods.

Projections of student enrollment are produced twice a year. The ten-year projections are published every Fall, based on the number of enrolled students on September 30th each year (i.e., the official count day). The Fall projection report is used to develop the Superintendent's Budget for the next fiscal year. The Fall enrollment projections inform long-term facilities planning decisions. Spring updates to the Fall projections are then produced every February; these use the January 31st enrollment data to fine tune the Fall projections. The Spring projections are essential to making staffing decisions for the next fiscal year.

Projections for the immediate future are more reliable than those for years further in the future because nearer-term projections are based on students already enrolled in the APS system. Whereas, starting in projection year 2022-23, the entering kindergarten cohort is derived from the County's assumptions of births. Enrollment projection totals for Grades K-5, Grades 6-8 and Grades 9-12 are more reliable than projections for specific grade levels in specific years.

The intent of this document is to provide APS staff with data to help make informed decisions. Specific information about each school is provided, as well as an overall look at enrollment by school level and division wide.

Overview of Growth

Based on current trends, APS is projected to surpass the 30,000-student milestone in Fall 2021. Overall, the projections suggest growth of 6,700+ students from now through the 2028-29 school year. The projected enrollment for the next school year (2019-20) is 28,495 students, which is an estimated annual gain of just over 1,000 more students. Provided below are the Fall ten-year projections for school years 2019-20 through 2028-29. The ten-year projections show continued enrollment growth that gradually wanes from a high growth rate into a medium growth rate starting in 2025.

School Year	Actual & Projected PreK-12 Enrollment	Projected Growth %
2018-19	27,436 (Actual)	
2019-20	28,495	3.9%
2020-21	29,262	2.7%
2021-22	30,018	2.6%
2022-23	30,769	2.5%
2023-24	31,394	2.0%
2024-25	32,111	2.3%
2025-26	32,628	1.6%
2026-27	33,126	1.5%
2027-28	33,639	1.5%
2028-29	34,201	1.7%

Collaboration with Arlington County Government

APS and Arlington County Government ("ACG") have entered a data-sharing agreement to align APS projections with the County's population forecast. As part of the agreement, ACG has provided APS with the following information:

Master Housing Unit Database (MHUD)

Arlington County's Real Estate Assessment, A-Track, and Development Tracking were used to compile the MHUD database. The database provides an inventory of all housing in the County, including housing type, number of units, details on the number of Committed Affordable Units (CAF), and affordability classification for each complex (CAF only, Market Rate, or Mixed). This information helps APS to develop student generation factors by housing unit type and school level. The "Student Generation Factor" is a mathematical representation of the relationship between housing units in Arlington County and the number of students enrolled in Arlington Public Schools on September 30 of each year. In other words, it is a factor applied to new housing to estimate the expected number of enrolled students from the new housing; this is specific to the building's location, housing type, and affordability characteristics.

Housing Unit Forecast by Year

Arlington County's housing unit forecasting is informed by the land use policy guidance of Arlington's General Land Use Plan (GLUP). The forecast uses two primary sources of development information which include the county-wide development pipeline data on recently completed projects, projects under construction, and approved projects and housing development assumptions derived from parcels with anticipated growth from approved sector plans and small area plans. Most importantly, the timeline of residential construction projects are identified by year, residential type, number of net new units, and affordability levels. This information helps APS predict the number of new students and the year that a given housing development will add more students to neighborhood schools.

Long-Term Estimation of Births by Year

As recommended in the Arlington Community Facilities Study ("CFS") completed by Statistical Forecasting and RLS Demographics in October 2016, ACG uses the Cohort Component Model to project births in the long term for APS. In this method, the number of women of childbearing age (15-49) is projected and then multiplied by the corresponding age-specific fertility rate. Age-specific fertility rates are computed by averaging the actual number of births by each age cohort over a specified number of years and dividing by the age-specific populations. This information helps APS to predict future incoming Kindergarten cohorts by school year.

Site Plan Requests

APS receives site plan requests from ACG to estimate the potential impact of proposed new housing on student enrollment at neighborhood elementary, middle and high schools. This information also helps to inform APS about potential residential developments in the County's housing pipeline.

Collaboration with Stakeholders

Projections Review Teams

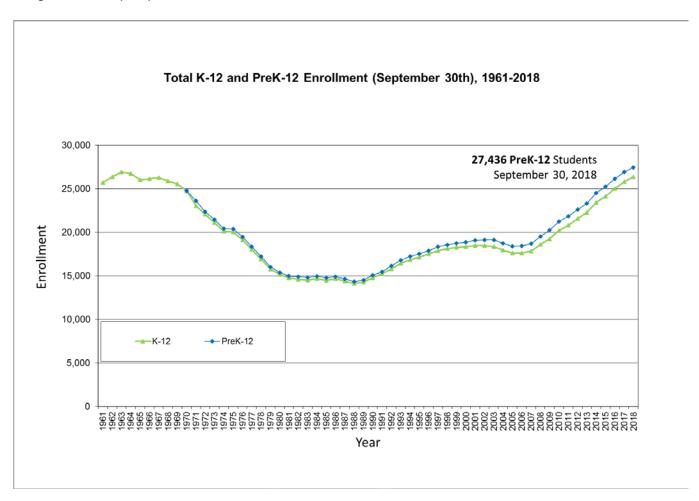
To solicit input on the APS enrollment projections process, an Internal Projections Review Committee was convened to review technical issues and assumptions used in the enrollment projections. The committee reviewed the draft projections completed by the APS Director of Facilities. Additional stakeholders, including principals and community members, reviewed the updated draft projections.

Projections Schedule

Milestones	Timeframe
Internal Staff Assessment of Projection Methodology	May to early August 2018
Projections Internal Review Committee, Meeting #1	Monday, August 13, 2018
Receive data from Arlington County Government	Last week, September 2018
Receive September 30, 2018 enrollment	First week, October 2018
Draft 2019-20 One-Year Projected Enrollment to Finance	November 9, 2018
Projections Internal Review Committee, Meeting #2	November 20, 2018
Projections Preview for FAC and BAC members and other parents	November 27, 2018
School Board Adopts Elementary Boundaries	December 6, 2018
Produce Draft Elementary Projections with Updated Boundaries	January 24, 2019

Historical Enrollment at APS

Enrollment projections typically use the most recent three to five years of historic data to predict future enrollment. While the most recent trends are used to estimate the near future, it is important to analyze enrollment in context of a longer historical perspective. The chart below shows APS enrollment from 1961 to date.



Historical Annual Enrollment Change

The chart above reveals stable enrollment above the 25,000-student mark throughout the 1960s (excluding Pre-K students), with enrollment reaching 26,927 K-12 students in 1963. This period was followed by a significant decline in student enrollment in the 1970s and flat enrollment in the 1980s. Enrollment climbed modestly in the 1990s, leveled out in the early to mid-2000s, and has risen at an unprecedented rate since 2007. The Fall 2018 official count of 27,436 PreK-12 students is the highest student enrollment on record for APS, surpassing the previous all-time mark of 26,941 students in Grades PreK-12 in the 2017-18 school year.

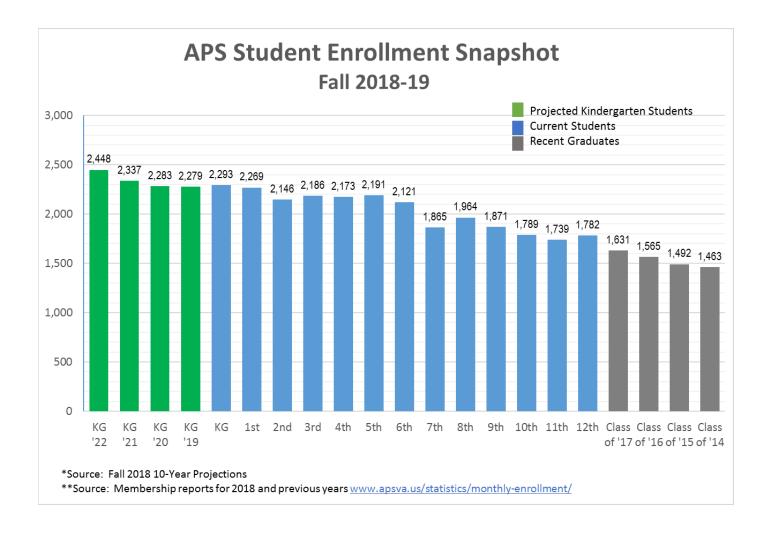
Recent Historical Annual Enrollment Change

Year	PreK-12 Enrollment	% Change over Previous Year
September 2018	27,436	+1.8%
September 2017	26,941	+3.0%
September 2016	26,152	+3.6%
September 2015	25,238	+2.9%
September 2014	24,529	+5.2%
September 2013	23,316	+3.1%
September 2012	22,613	+3.5%
September 2011	21,841	+2.8%
September 2010	21,241	+5.0%
September 2009	20,233	+3.6%
September 2008	19,534	+4.5%
September 2007	18,684	+1.3%
September 2006	18,451	+0.2%
September 2005	18,411	-1.8%
September 2004	18,744	-2.0%
September 2003	19,120	-O.1%
September 2002	19,140	+0.2%
September 2001	19,097	+1.1%

The chart above reveals the high growth pattern APS has experienced since 2008. To provide a frame of reference, annual growth of 2 percent or more indicates a high growth rate. Annual growth between 1 and 2 percent indicates a medium growth and 0-1 percent indicates a low growth rate.

Current Enrollment

On September 30, 2018, total PreK-12 enrollment was 27,436 students. This total includes students from preschool age to those students enrolled in the high school continuation programs. The chart on the next page shows the September 30, 2018, grade-by-grade student enrollment. The number of students in the Pre-K cohort is fixed at 1,347 students due to the seat availability anticipated for Fall 2019 by the Department of Teaching and Learning. For the past four years, the entering kindergarten cohort averaged nearly 2,200 students, while the exiting 12th grade cohort averaged 1,500+ students. This fact suggests natural enrollment growth will occur if smaller 12th-grade cohorts leaving the system are being replaced by larger kindergarten cohorts (projected for 2,200+ students) entering the system each year from now through 2028.



Projected Enrollment

Elementary school enrollment is expected to grow by more than 2,700 students or 21% over the next decade. This projected growth comes from larger kindergarten cohorts entering APS over the next decade, resulting from an anticipated increase in county births and expected growth in residential units which will accommodate additional households.

Middle school enrollment is expected to grow by just over 1,100 students or 19% over the next decade. Middle growth comes from larger elementary cohorts entering middle school over the next decade as well as the student yield of middle students coming from "new" housing developments to be built.

Lastly, high school enrollment is expected to grow by nearly 2,500 students or 35% over the next decade. High school enrollment grows as larger middle cohorts enter high school over the next decade as well as the student yield of middle school students coming from "new" housing developments to be built.

Data Inputs & Methods

APS uses three sets of statistics to estimate future K-12 enrollment, which include the number of resident live births for Arlington County (for kindergarten projections only), the anticipated student yield from "future" housing units, and the history of enrollment change (i.e., cohort transition rate). Pre-Kindergarten student enrollment estimates are provided by the Department of Teaching & Learning for 2019-20 and are appended to the K-12 projections to develop the system-wide PreK-12 enrollment totals from 2019 to 2028.

Most school districts across the U. S. use the cohort transition rate to project enrollment. This approach captures the enrollment patterns of a cohort of students by school, beginning in Kindergarten and continuing as they transition from grade to grade. It is calculated by dividing the number of students in a cohort (i.e., grade) by the number of students from the previous cohort in the previous school year. A cohort transition ratio greater than one means there are more students entering school that year than there are enrolled in the previous grade. A cohort transition ratio that is less than one means there are fewer students entering school than in the previous grade.

Because grade-specific transition ratios may vary considerably from one year to the next, APS uses an average to estimate future school enrollment and produce the ten-year projections by grade for each school. Please note that the cohort transition statistic is a linear calculation. As such, sporadic fluctuations of historical enrollment data from year to year could affect the estimated projections of future enrollments.

Recent school boundary adjustments and changes in the options and transfers policy have changed historical enrollment trends at the school level and compelled APS planning staff to use a "residence-based cohort transition" approach for schools impacted by boundary adjustments. Planning staff used an "attendance-based" or "schools-based" cohort transition rates for schools not impacted by boundary changes. APS Planning staff has also collaborated with Arlington County Government to incorporate birth and housing data that ensures APS enrollment projections are aligned with Arlington County forecasts and convened an Internal Projection Review Committee to assess updates to the projection methodology.

Foundational Inputs & Factors

September 30 Official Enrollment Count

Historical September 30 enrollment counts, by grade for each school, are used to develop the cohort progression ratios that estimate future enrollment. The data comes from the APS Monthly Membership Report for the month of September provided by the Information Services Department. This data is provided by school and by grade for purposes of developing historical enrollment trends.

Projected Housing Growth

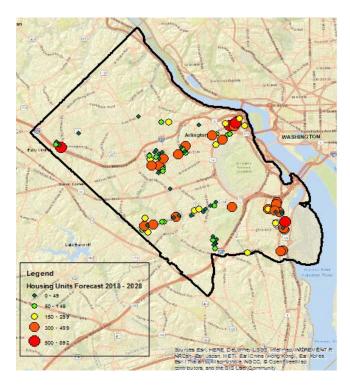
Starting in Fall 2017, the Arlington County Department of Community Planning, Housing and Development ("CPHD") began providing APS with detailed anticipated housing unit data for the County. The Arlington CPHD also provides APS with the projected year (i.e., 2019, 2024, etc.) that "future" housing projects will be completed and the number of units in each residential development. Receiving such robust housing unit information ensures that APS enrollment projections and Arlington County forecasts are aligned with the same assumptions about the impact of "future housing units" on

student/population growth.

Housing forecast data bolsters long-term projections by accounting for potential "future" residential development projects by school attendance area. As of September 2018, there were 14,000+ future residential units in the housing pipeline forecasted to be constructed by Fall 2028.

Effective Fall 2018, CPHD now provides APS with data on "known" committed affordable units and mixed-income buildings in their housing pipeline data. This valuable information helps APS plan for future resource needs at the neighborhood schools that will eventually serve students coming from these future housing developments.

Map of the Housing Pipeline Forecast (2018 – 2028)



The map (left) shows that most of the new student growth is slated to occur along the major transportation corridors. This aligns with Arlington County's smart growth philosophy of creating attractive communities with a range of housing along major transportation corridors.

Net New Housing Unit Forecasts for 2018 - 2028

Projection Year	Garden Apt	High-Rise Apt	Single Family Detached	Town House	Total Units
2018	307	1,909	0	12	2,228
2019	0	869	0	27	896
2020	36	762	3	0	801
2021	30	1,632	0	0	1,632
2022	0	1,311	0	27	1,338
2023	172	1,025	0	32	1,229
2024	12	1,367	0	151	1,530
2025	32	924	0	45	1,001
2026	0	1,198	0	0	1,198
2027	0	1,433	0	0	1,433
2028	0	1,293	0	0	1,293
Total	559	13,723	3	293	14,579

Data Source: Arlington CPHD, September 2018.

Student Generation Factor

The Student Generation Factor estimates student yield from "new" housing based on the latest trends. It is the mathematical representation of the relationship between the number of existing housing units in Arlington County and the number of students—by housing unit type—enrolled at APS on September 30 for a given year. The student generation factor can be calculated each year because of the information sharing between APS (student data by address) and Arlington County (housing data by parcel). More details about this data are provided below.

Student Generation Factor by Housing Unit Type School Year 2018-19

	А	II Grade Lev	vels (K-12)		
Housing Type	APS K-12 Students	% of Students by Housing Type	Housing Units county-wide	% of County Housing Type	Student Generation Factor
Single Family Detached	13,739	52.5%	27,625	24.2%	0.497
Townhouse	842	3.2%	4,331	3.8%	0.194
Duplex	899	3.4%	2,511	2.2%	0.358
Apartment Elevator – Market Rate	1,717	6.6%	27,971	24.5%	0.061
Apartment Elevator – Mixed Income	1,140	4.4%	9,038	7.9%	0.126
Apartment Elevator – CAF	373	1.4%	605	0.5%	0.617
Apartment Garden – Market	2,541	9.7%	9,838	8.6%	0.258
Apartment Garden – Mixed Income	820	3.1%	2,159	1.9%	0.380
Apartment Garden – CAF	2,010	7.7%	3,441	3.0%	0.584
Condo-Elevator	822	3.1%	15,339	13.4%	0.054
Condo-Garden	1,255	4.8%	11,456	10.0%	0.110
Total	26,158	100%	114,314	100.0%	0.229

Notes:

- 1. Housing unit data for 2018 provided by Arlington County Department of Community Planning and Housing Development.
- 2. Some students were not geocoded for reasons such as (i) they are children of employees who live outside Arlington County, (ii) they reside on Joint Base Myer-Henderson Hall (federal jurisdiction), or (iii) they are homeless or in foster care outside Arlington County, or live at a shelter.
- 3. The Pre-K cohort (1,047 students) is not included in the student generation factor calculation. Pre-K enrollment is based upon funding and seat availability.

Student Yield from Future Housing

The anticipated student yield from "future" housing units are included in the projections by the impacted neighborhood elementary, middle, and high schools. The projected student yield was calculated using the relevant student generation factor by the housing unit type (i.e., high-rise apartment, garden apartment, town house, etc.) and school attendance zone. The elementary school and middle school student generation rates by school attendance zones reflect the 2019-20 boundary updates to boundaries in 2019-20.

Student yields from residential developments were phased into the enrollment projections over a two-year period from the date that residential development was forecasted to be completed. As an example, the student yield for a residential development forecasted to be completed in 2026 will be phased in starting Fall 2026 (Year 1) and ending in Fall 2027 (Year 2).

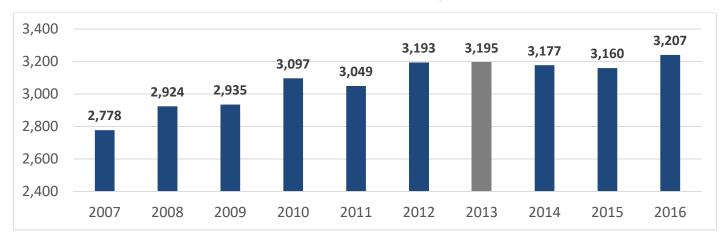
Methodology Change in the Student Yield

The new methodology in calculating the student yield assumes that the yield from newly developed housing units will produce the same number of students every year once the development is constructed. This new approach has a cumulative effect that increases projected student enrollment at schools that have future housing developments within their neighborhood school attendance zones. This new approach to student yields is applied to incoming cohorts in Kindergarten, Grade 6 and Grade 9. The previous method factored a new residential unit's student yield impact in the year of construction, but not in subsequent years. The previous method did not account for the impact of the student yield beginning the first year after the future housing development was slated for completion, but that is now included in this new methodology.

Resident Live Births

Arlington County's historic resident live birth data is obtained from the Virginia Center for Health Statistics ("VDOH"). VDOH last provided live birth information in 2016; thereafter, Arlington County CPHD has provided APS with forecasted resident live births for 2017 to 2022. The resident live birth information from both sources was used to estimate future Kindergarten cohorts over the 10-year projection horizon. As the graph below shows, Arlington's resident live births have risen from about 2,700+ births in 2007 to above 3,100 births each year between 2012 and 2016. The chart below shows actual births in Arlington County for the last ten years.

Historical Resident Births in Arlington for 2007-2016



Note:

- 1. Gray bar denotes the total number of resident births in 2013 that are eligible to enter kindergarten in School Year 2018-19.
- 2. Data source: Virginia Department of Health (https://www.vdh.virginia.gov/HealthStats/stats.htm)

Forecasted Births for Calendar Years 2017 through 2023

Birth Year	Resident Births	School Year Entering KG	Projected KG Cohort
2017	3,323	2022	2,349
2018	3,408	2023	2,409
2019	3,495	2024	2,471
2020	3,557	2025	2,515
2021	3,620	2026	2,559
2022	3,684	2027	2,604
2023	3,750	2028	2,651

Note: The data source for projected resident births is the Arlington CPHD, September 2018. The kindergarten projection figures referenced above do not include future kindergarten students generated from new housing developments that will be constructed.

Birth to Kindergarten Capture Rate

The kindergarten capture rate is defined as the percentage of children entering kindergarten in a particular year as compared to the total number of children born five years earlier to Arlington residents. Since 2000, the Birth to Kindergarten capture rate has increased significantly, which indicates that more resident families with children born in Arlington are staying in Arlington and/or more families with children born elsewhere are moving to Arlington and enrolling their children in kindergarten at APS. For the past three school years (2016 through 2018), the capture rate has stabilized at about 71%.

Historical Kindergarten Capture Rate 2000-2013

Birth Year	Resident Births	School Year Entering KG	Actual Kindergarten	Kindergarten Capture Rate %
2000	2,715	2005	1,501	55%
2001	2,814	2006	1,627	58%
2002	2,686	2007	1,610	60%
2003	2,659	2008	1,697	64%
2004	2,810	2009	1,924	68%
2005	2,809	2010	2,003	71%
2006	2,561	2011	1,968	77%
2007	2,778	2012	2,179	78%
2008	2,924	2013	2,139	73%
2009	2,935	2014	2,196	75%
2010	3,097	2015	2,152	69%
2011	3,049	2016	2,127	70%
2012	3,193	2017	2,253	71%
2013	3,195	2018	2,293	72%

Methodology Adjustments During Major Transitions

Recent changes in the options and transfers policy, in addition to boundary adjustments needed for the opening of Alice West Fleet Elementary School and Dorothy Hamm Middle School, have disrupted historical enrollment trends and required APS planning staff to update methods to prepare the 10-year enrollment projections. Below is a summary of the methodology updates.

Incoming Kindergarten Cohorts

The 2011 to 2013 three-year average birth-to-kindergarten ratio (.707) was applied to actual or forecasted resident birth data provided by CPHD to estimate future kindergarten cohorts entering APS. Please note that in this projection round, the 2019 to 2021 kindergarten projections are based on actual births that took place between 2014 and 2016. The 2022 to 2028 kindergarten projections are based on CPHD's forecast of births to County residents between 2017 and 2023.

Once the total countywide number of kindergarten students is determined for a given school year, the historical residence-based school-by-school kindergarten enrollment pattern (three-year ratio) is used to estimate the future kindergarten cohorts allotted to each neighborhood elementary school. In prior projection rounds, the historical three-year school-by-school kindergarten enrollment pattern was based on students attending each school. This was amended in the current projection round to accommodate the enrollment modeling of seven schools impacted by boundary changes (that will take effect in September 2019), which need to be calculated based on where students reside.

Projected Kindergarten enrollment also includes the impact of new students coming from net new residential units. CPHD provides APS with a forecast of net new housing units, by type, likely to be habitable within the next ten years. To these residential units, APS applies a student generation rate to calculate the number of elementary students likely to reside in those units. One-sixth of that elementary student yield from net new residential units, by relevant attendance zone, is added to each incoming kindergarten cohort.

An update to the kindergarten projections approach is that the impact of new construction is calculated on a cumulative-basis over the projection period. For example, if there was residential construction in an attendance zone in 2020 and 2023, the cumulative impact of that net new housing will be calculated for the incoming kindergarten cohort in 2026 as well. In prior projection rounds, the impact of new housing on an incoming kindergarten cohort was only factored in the year in which that construction took place.

The projected incoming kindergarten cohort for the five option schools—which include Arlington Traditional (120), Campbell (96), Claremont Immersion (144), Drew (44) and Key Immersion (144)—are capped based on the available kindergarten classrooms determined in the Spring Update to the Fall 2018 Enrollment Projections. These assumptions will be revised for the forthcoming Spring Update to the Fall 2019 Enrollment Projections.

The kindergarten enrollment assumptions made for the five option schools also impact the projected kindergarten enrollment for neighborhood schools. In both the attendance- and residence-based approaches, the share of Sept. 30 resident students attending each of the five option programs was calculated for each neighborhood school. These school-by-school option program specific shares were applied to each option program's assumed kindergarten cohort from the Spring Update to the Fall 2018 Enrollment Projections. This was done to arrive at each neighborhood school's assumed number of kindergarten students attending an option program. Subsequently, these assumed option-school attending kindergarteners were subtracted from each school's total kindergarten cohort. Therefore, each neighborhood school's reported kindergarten cohort represents an estimate of attending

kindergarten students who will not attend an option school.

Projections Approaches by School Level

Recent changes in the options and transfers policy in addition to boundary changes have disturbed historical enrollment trends and required APS planning staff to use different methods to prepare the Fall 10-year enrollment projections. Provided below are the projections methods and assumptions by school level.

Elementary School Level:

The elementary school (K-5) projections use Sept. 30, 2018 enrollment as a starting point. For neighborhood schools that will not experience boundary changes in 2019-20 and option programs, the Sept. 30, 2018 enrollment per school is referenced from the Monthly Membership Report. For the seven schools that will experience boundary adjustment in 2019-20, the Sept. 30, 2018 count of students was based on where students live per adjusted attendance zone. In addition, for the seven schools with boundary adjustments, the Sept. 30, 2018 count of students attending an option program by grade was subtracted from each school's grade specific resident student counts.

Thereafter, the 2019 to 2028 enrollment projections were calculated by introducing an incoming kindergarten cohort each projection year; see "Incoming Kindergarten Cohorts" section for more information. Applying cohort transition rates to the K-4 enrollment estimates how many students will progress to grades 1-5 the following school year. The assumptions underpinning the calculation of cohort transition rates differ if a school did or did not experience a boundary change or was an option program.

For schools not involved in the Fall 2018 elementary school boundary process, attendance-based cohort transition rates were used to estimate future elementary school enrollment:

- A three-year weighted average cohort transition rate (CTR) was applied to neighborhood schools not impacted by the Discovery boundary changes which took effect in 2015. The weights used are 50% for 2018, 25% for 2017, and 25% for 2016; recent changes in the options and transfers policy account for the greater emphasis on 2018.
- A two-year CTR was applied to all neighborhood elementary schools impacted by the Discovery boundary adjustment process (including Ashlawn, Discovery, Glebe, Jamestown, McKinley, Nottingham, Taylor and Tuckahoe) to avoid using trends from before the new boundary took effect in 2015. Otherwise, the inclusion of 2016 enrollment data necessitates a comparison with 2015 when the new school opened, which led to some anomalies in enrollment patterns that year.

For schools that will be impacted by boundary adjustments starting in 2019-20, residence-based cohort transition rates were used to estimate future elementary school enrollment:

• A three-year weighted average CTR was calculated from the students (attending option or neighborhood schools) by grade who resided in each of the seven adjusted school attendance zones in 2016, 2017, and 2018. Because student addresses are spatially fixed, these addresses can be retroactively associated with adjusted boundaries that did not exist in 2016, 2017, or 2018. The weights used for the residence-based cohort transition rates are 50% for 2018, 25% for 2017, and 25% for 2016; recent changes in the options and transfers policy account for the greater emphasis on 2018.

For option schools, the following assumptions were made regarding cohort transition rates:

- A cohort transition rate of 1.0 was applied to Arlington Traditional School under the assumption that its
 classrooms can accommodate the maximum number of students at any one time because of its extensive
 waiting list. It is further assumed that each incoming kindergarten class will have cohorts at the maximum
 class size of 24 students per classroom. With a cohort transition rate of 1.0, eventually all classrooms will
 reflect cohorts of 24 students in grades K-5.
- A cohort transition rate of 1.0 was also assumed for the Montessori Public School of Arlington (at the Henry site). It was also assumed that the incoming kindergarten class will be the same size as the exiting grade 5 cohort to keep the enrollment fixed at 335 students in Grades K-5 per projection year. This assumption will be revisited for the Spring Update to the Fall 2019 Projections.
- A three-year weighted average cohort transition rate (CTR) was applied to Claremont and Key Immersion.
 A three-year weighted average is assumed for these schools since students that might leave the program
 cannot be easily replaced with students on the waiting list because of the immersion programs' language
 requirements. The weights were 50% for 2018, 25% for 2017, and 25% for 2016; recent changes in the
 options and transfers policy account for the greater emphasis on 2018.
- A three-year weighted average CTR was applied to Campbell for Grades 1-5.
- In addition, the incoming kindergarten cohort in each projection year is referenced from the Spring Update to the Fall 2018 Projection which assumes 96 kindergarten students at Campbell and 144 students each at Claremont and Key.

As part of the School Board's action to approve adjusted elementary boundaries on Dec. 6, 2018, the board also approved a grandfathering provision (see Elementary Boundaries – Grandfathering Motion 12-6-18). This provision was included in the projections based on keeping students in Grade 4 in 2018-19 at their current school for the 2019-20 school year. Please see Table 1 for the figures used for the grandfathered 2018-19 Grade 4 students. Assumptions about grandfathered siblings will be included in the Spring Update to the Fall 2019 Projections.

Table 1. Fall 2018 Elementary School Boundary Process-Recommendation 6-1A

Fall 2018 Elementary School Boundary Process - Recommendation 6-1A Scenarios for Grandfathering by Current School

(moving from)	Planning Unit Moved in Proposal 6-1a	2019-20 School (moving to)	No. S	tude	nts in	PU P	ropo	sed f	or M	ove		dfather G d Concuri Siblings			father Gr nd Concu Siblings	urrent	Grandfather Grades 3, 4 & 5 Concurrent Siblings			
			Total	K	Gr1	Gr2	Gr3	Gr4	Gr5	PreK	Gr5	Sibling	Total	Gr4&5	Sibling	Total	Gr3,4&5	Sibling	Total	
Abingdon	38050	Drew	27	6	3	6	5	1	4	2	1	0	1	6	1	7	12	3	15	
Abingdon	Total Moving from Abin	gdon	27	6	3	6	5	1	4	2	1	0	1	6	1	7	12	3	15	
Barcroft	37041	Fleet	3	1	0	0	1	0	0	1	0	0	0	1	0	1	1	0	1	
Barcroft	37042	Fleet	4	2	0	1	0	0	1	0	0	0	0	0	0	0	1	0	1	
Barcroft	Total Moving from Barco	roft	7	3	0	1	1	0	1	1	0	0	0	1	0	1	2	0	2	
Henry	46010	Drew	57	12	11	7	8	8	7	4	8	5	13	16	7	23	23	8	31	
Henry	46011	Drew	14	3	1	3	2	4	1	0	4	1	5	6	1	7	9	2	11	
Henry	46111	Hoffman-Boston	10	0	2	1	2	1	3	1	1	0	1	3	0	3	4	0	4	
Henry	46130	Drew	8	2	1	2	2	1	0	0	1	0	1	3	1	4	5	1	6	
Henry	46131	Drew	15	1	5	2	1	1	4	1	1	1	2	2	1	3	4	2	6	
Henry	46132	Drew	20	3	1	3	6	4	2	1	4	1	5	10	2	12	13	2	15	
Henry	46133	Drew	7	1	0	3	1	1	1	0	1	0	1	2	0	2	5	0	5	
Henry	Total Moving from Henr	131	22	21	21	22	20	18	7	20	8	28	42	12	54	63	15	78		
Hoffman-Boston	38100	Drew	10	0	2	1	1	2	2	2	2	1	3	3	1	4	4	1	5	
Hoffman-Boston	38110	Drew	16	5	1	1	3	1	3	2	1	0	1	4	1	5	5	1	6	
Hoffman-Boston	48220	Drew	47	7	6	7	6	8	5	8	8	2	10	14	4	18	21	5	26	
Hoffman-Boston	Total Moving from Hoffe	man-Boston	73	12	9	9	10	11	10	12	11	3	14	21	6	27	30	7	37	
Long Branch	46900	Fleet	30	3	5	3	9	2	7	1	2	1	3	11	2	13	14	2	16	
Long Branch	46910	Fleet	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Long Branch	48180	Hoffman-Boston	17	3	5	1	2	3	1	2	3	0	3	5	1	6	6	1	7	
Long Branch	48990	Fleet	10	3	2	0	1	2	2	0	2	2	4	3	2	5	3	2	5	
Long Branch	Total Moving from Long	Branch	59	10	13	4	12	7	10	3	7	3	10	19	5	24	23	5	28	
Oakridge	48070	Hoffman-Boston	23	4	0	6	3	2	5	3	2	0	2	5	0	5	11	1	12	
Oakridge	48090	Hoffman-Boston	25	7	6	4	2	4	2	0	4	2	6	6	3	9	10	3	13	
Oakridge	48110	Hoffman-Boston	75	19	13	11	9	7	14	2	7	2	9	16	5	21	27	8	35	
Oakridge	48120	Hoffman-Boston	10	2	2	0	1	2	3	0	2	1	3	3	1	4	3	1	4	
Oakridge	48121	Hoffman-Boston	65	12	10	12	7	13	11	0	13	7	20	20	8	28	32	11	43	
Oakridge	48270	Hoffman-Boston	10	2	1	2	1	1	1	2	1	1	2	2	2	4	4	2	6	
Oakridge	49260			6	1	4	3	5	1	0	5	3	8	8	3	11	12	3	15	
Oakridge	Total Moving from Oakr	228	52	33	39	26	34	37	7	34	16	50	60	22	82	99	29	128		
TOTAL	6 schools	525	105	79	80	76	73	80	32	73	30	103	149	46	195	229	59	288		

 $Source: \ https://www.apsva.us/wp-content/uploads/2018/12/Recommendation-6-1A-Grandfathering-Scenarios.pdf$

It was noted in the "Incoming Kindergarten Cohorts" section that new kindergarteners from new residential construction are added on a cumulative basis. Likewise, for Grades 1-5, new students from new construction are also factored, but only for the year in which the construction took place.

Please note that the enrollment projections for Fleet do not include assumptions for the reassignment of students associated with Joint Base Meyer Henderson Hall (JBM-HH) and the Child Development Center (CDC). These students will be included in the Spring Update to the Fall 2019 Projections.

In both the attendance- and residence-based approaches, the share of Sept. 30 residing students attending each of the five elementary option programs was calculated for each neighborhood school.

Middle School Level:

Because of the opening of the new Stratford middle school and adjustments to middle school boundaries for the 2019-20 school year, a residence-based approach was used to project enrollment. With this approach, the first step in projecting middle school enrollment is determining the Sept. 30, 2018, students in Grades 6-8 who reside in the adjusted boundary. Secondly, the students who will be in Grade 6 in 2019-20 that are currently in Grade 5 and reside in the adjusted school attendance zone, are determined for each projection year, starting in 2019-20. Thereafter, these cohorts are progressed to the following grade, for example Grade 5 to Grade 6, using residence-based cohort transition rates.

• The Residence-based cohort transition rates used to estimate middle school grade progression are based on students in Grades 5-8 living in the adjusted boundaries in 2016, 2017, and 2018. Because student addresses are spatially fixed, these addresses can be retroactively associated with adjusted boundaries that did not exist in 2016, 2017, or 2018. The middle school cohort transition rate is based on these 3-year grade progression trends.

The updated approach to projecting middle school enrollment also made assumptions related to option programs:

- The Stratford program enrollment is fixed to its Sept. 30, 2018 enrollment in all projection years.
- Enrollment at H-B Woodlawn uses an attendance-based 3-year cohort transition rate that is calculated from the 2016, 2017, and 2018 school years. This rate is applied to each cohort in Grades 6 and 7 as they progress to Grades 7 and 8 the following year.
- It is assumed that each incoming Grade 6 class at H-B Woodlawn will be 79 students. This is the same 6th grade cohort size that was recorded in the Sept. 30, 2018 student count.
- Option students at HB-Woodlawn and Stratford were subtracted from neighborhood middle school resident student totals to avoid counting middle school option students twice.
- Grade 6 option students in Immersion & Montessori programs were subtracted from their neighborhood middle school totals and added to their receiving middle school totals based on a 3-year average (2016 through 2018) of students enrolled in Grade 6, to estimate the Grade 6 cohort for school year 2019-20.
- Grade 7 option students in Immersion & Montessori programs were subtracted from their neighborhood middle school totals and added to their receiving middle school totals based on the 2018 actual count of 6th graders, to estimate the Grade 7 cohort for school year 2019-20.
- Grade 8 option students in Immersion & Montessori programs were subtracted from their neighborhood middle school totals and added to their receiving middle school totals based on the 2018 actual count of

- Grade 7, to estimate the Grade 8 cohort for school year 2019-20.
- 2018-19 transfer trends for students in Grades 6 and 7 that are not enrolled in immersion or Montessori
 programs were assumed to continue as these students transition into Grades 7 and 8 in 2019-20. These
 students were subtracted from their neighborhood middle school totals and added to their receiving middle
 school totals based on transfer data recorded in the September 30, 2018 official count.
- The current Grade 6 transfer pattern for the 2018-19 school year is assumed to continue through the 2028-29 school year.
- Residence- based cohort transition rates and the student yield from new housing were used to estimate enrollment in Grades 6, 7, and 8 from school years 2020 through 2028.

Middle school students coming from new residential construction are also accounted for in this process. Each incoming Grade 6 class includes the cumulative impact of new construction.

High School Level:

The most recent high school boundary adjustments took place in the 2017-18 school year. Because there are now two years of post-boundary adjustment enrollment data available, an attendance-based enrollment projections approach was used.

The high school enrollment projections use Sept. 30, 2018 enrollment as a starting point. For neighborhood schools, the Sept. 30, 2018 enrollment per school is referenced from the Monthly Membership Report.

Each incoming Grade 9 class is based on the prior year's Grade 8 students who reside in each high school attendance zone.

Starting with the 2019-20 class, each neighborhood high school class is based on incoming students in Grade 9 and the progression of the prior year's students in Grades 9 through 11 as they progress to Grades 10 through 12 in the following year. This grade progression is based on a two-year cohort transition rate.

High School option programs are projected through another method that includes the assumption that Arlington Tech projections assume a flat 1.0 cohort transition rate which is applied to grades 9-12.

In addition, it is assumed that each entering Grade 9 cohort will be 150 students and that Arlington Tech (with 600 seats) will reach its maximum enrollment of 600 students in September 2022.

- Enrollment at Langston, Arlington Community High School, and the Stratford program are fixed to their Sept. 30, 2018 enrollment in all projection years.
- H-B Woodlawn uses an attendance based three-year cohort transition rate. Each incoming Grade 9 class comes from the program's prior Grade 8 class (after applying its relevant cohort transition rate).
- Full-time students enrolled at Arlington Tech are subtracted from neighborhood high school totals to avoid counting them twice each projection year.

High school students coming from new residential construction are also accounted for in this process. Each incoming Grade 9 class includes the cumulative impact of new construction.

The assumption outlined above for elementary, middle and high school level will be revisited for the Spring Update to the Fall 2019 School Year Projections.

Steps to Validate Projections

To validate the enrollment projections, an internal review committee met during the enrollment projection process to discuss assumptions, technical issues that arose, and review projection results. This process was put in place to allow various perspectives and expertise to assist with decision-making on assumptions. The stakeholders from APS included staff from the departments of Planning and Evaluation (P&E), Facilities and Operations, Finance and Management Services, Teaching and Learning, and school principals. In addition, external experts from Arlington County Government, CPHD and Dr. Richard Grip from Statistical Forecasting LLC also offered perspectives.

The P&E staff tasked to perform the enrollment projections modeling identified key assumptions, such as how to adjust cohort transition rates to reflect the update to the Options and Transfer Policy, that needed input from the Internal Review Committee. After this committee provided feedback, the P&E staff drafted various modeling approaches that reflected the committee's suggestion and performed quality control checks on the projections modeling formulas. Dr. Grip was then consulted to see which modeling approach was most appropriate and validated the approach and results.

An important review step suggested by the Internal Review Committee was the development of an alternative projection model that used county-wide enrollment figures, construction assumptions, and cohort transition rates. The enrollment projections from this approach, known as a "top-down" approach, was compared to the projections from the "bottom-up" approach, which is outlined in this report. The purpose of this comparison was to observe the enrollment growth trends from each approach with the goal that they both reflect similar scales of enrollment growth trends. The enrollment projections from the two approaches was reviewed and ultimately validated with assistance from Dr. Grip.

Fall Ten-Year Enrollment Projection Tables

ARLINGTON PUBLIC SCHOOLS
PLANNING EVALUATION
FALL 2019 SCHOOL YEAR ENROLLMENT PROJECTIONS
1/31/2019
ADJUSTED FOR MIDDLE AND HIGH SCHOOL BOUNDARY CHANGES

including at the PreK level. This will be reflected in the Spring Update to the Fall 2019 School Year Projections (produced in late February 2019).

The Fall projections are subject to program relocation decisions,

										Presi	chool ⁵												
										1000				1									
						_			PreK	384	Dual	Peer	PreK										
ELEMENTARY SCHOOL	K	1	2	3	4	5	K-5	VPI	SPED	Mont	Enrl ⁶	Pals	Total		_								TOTAL
Abingdon	113	121	87	119	113	113	666	32	8	0	0	0	40		_				-	—	-	\longmapsto	706
Arlington Science Focus	97	127	116	103	127	113	683	0	0	0	0	0	0						—	—	—	\longmapsto	683 614
Arlington Traditional	120	120	96	96	72	72	576	32	6	0	0	0	38						_	—		$\vdash \vdash$	
Ashlawn	106	139	133	106	130	152	766	16	16	0	0	0	32						-	├		\vdash	798
Barcroft	84	76	77	63	72	88	460	32	8 22	0 17	0	0	40		_					├		\vdash	500 580
Barrett	76	94	76	82	83	82	493	48			_	0	87		_				_	⊢—		\longmapsto	
Campbell	96 73	79 95	64 93	63 76	66 94	62 92	430	48 64	0	0 17	0	0 5	48 118				-		-			\longmapsto	478 641
Carlin Springs	144	135	125		94 86	102	523 713	32	32 0	0	0	0	32		_				-	├		\vdash	745
Claremont				121					_	_		_		_	_		-	_	⊢	—	\vdash	\longmapsto	
Discovery	93	94	107	89	92	87	562	0	8	34	0	0	42		_	<u> </u>			-	├	_	\vdash	604
Drew	84	91	75	72	75	47	444	0	0	0	0	0	0						<u> </u>	├		\vdash	444
Fleet 1	93	81	81	89	97	95	536	32	5	0	0	0	37							—	—	igwdapsilon	573
Glebe	99	95	97	116	95	93	595	0	8	0	0	2	10	 		<u> </u>				—	—	╙	605
Hoffman-Boston	85	99	91	72	76	58	481	80	42	85	0	3	210							—	—	igspace	691
Jamestown	78	88	88	106	93	109	562	0	16	51	0	0	67				ļ		<u> </u>	—	—	\longmapsto	629
Key	144	115	122	108	99	106	694	32	8	0	0	0	40	ļ		<u> </u>			Ь—	—	—	\displaystyleigspace	734
Long Branch	71	75	72	74	76	68	436	16	6	0	0	0	22							Ь—		ldot	458
Montessori Public School	42	44	83	66	54	46	335	32	32	119	0	0	183							Ь—	Ь—	igsquare	518
McKinley	131	148	138	128	133	129	807	0	0	0	0	0	0										807
Nottingham	78	52	93	90	95	85	493	0	0	0	0	0	0							<u> </u>			493
Oakridge	98	87	98	93	81	133	590	16	8	0	0	0	24							Ь—	<u> </u>	ldot	614
Randolph	71	73	77	62	64	66	413	48	16	0	0	0	64							Ь—		ldot	477
Taylor	113	106	101	102	123	113	658	0	8	0	0	3	11							\perp			669
Tuckahoe	90	96	77	83	83	83	512	0	8	0	0	4	12							—		igsquare	524
Integration Station (Reed)	0	0	0	0	0	0	0	0	78	0	0	0	78							oxdot	Ь_	ldot	78
ELEMENTARY TOTAL	2,279	2,330	2,267	2,179	2,179	2,194	13,428	560	335	323	112	17	1,347										14,775
MIDDLE SCHOOL										Î				6	7	8	MID						
Gunston		<u> </u>	ـــــ	Ь—							igsquare	Ь—		376	387	309	1,072			Ь—	ــــــ	lacksquare	1,072
Hamm			-	\perp										272	230	212	714			\perp			714
Jefferson			Ь—	Ь—							igsquare	Ь—		382	405	344	1,131			—	<u> </u>	igsquare	1,131
Kenmore				Ь—							igsquare	Ь—		412	360	354	1,126			Ь—		ldot	1,126
Stratford Program			Ь_											2	2	9	13						13
Swanson														359	353	273	985						985
Williamsburg										1				320	321	268	909						909
H-B Woodlawn			Ь	oxdot							igsquare			79	81	83	243			oxdot	ldot		243
MIDDLE TOTAL														2,202	2,139	1,852	6,193		j.				6,193
HIGH SCHOOL																		9	10	11	12	HIGH	
Arlington Community		<u> </u>	\vdash	$oldsymbol{ol}}}}}}}}}}}}}}}}}$							igsquare	Ь—						4	16	29	42	91	91
Arlington Tech																		150	102	66	28	346	346
Langston ³																		3	14	26	78	121	121
Stratford Program																		8	4	4	20	36	36
Wakefield																		633	566	541	475	2,215	2,215
Washington-Liberty																		583	575	493	502	2,153	2,153
Yorktown																		578	522	525	481	2,106	2,106
H-B Woodlawn																		109	122	107	121	459	459
HIGH TOTAL																		2,068	1,921	1,791	1,747	7,527	7,527
TOTAL	2,279	2,330	2,267	2,179	2,179	2,194	13,428	560	335	323	0	12	1,347	2,202	2,139	1,852	6,193	2,068	1,921	1,791	1,747	7,527	7,527
K-12 TOTAL	27,148																						
Career Center - FTE's 4	459										\Box				1								
Logico, Como - Lines																	1						
Reed (community services)	60	-	-	$\overline{}$																PreK-12) T-4 :	1	28,495

Projections for Fleet do not include assumptions for the reassignment of students associated with Joint Base Meyer Henderson Hall (JBM-HH) and the Child Development Center (CDC). These students will be included in the Spring Update to the Fall 2019 School Year Projections.

Notes:

All Special Education students, including those in self-contained classes, all ESOL/HILT/HILTEX students, and all Transition Program students are included within the grade totals at each school.

The projections for option schools were calculated differently from neighborhood schools. For certain option schools, either their enrollment was static as of Sept. 30, 2018 or the incoming class was based on the prior year's Spring Update to the Fall Projections.

² Five-year-old Montessori students are reported in Kindergarten. PreKindergaten enrollment previously reported at Drew has been reassigned to the Montessori program in the Henry building.

³ Langston and Arlington Community membership does not include students over 20 years old. The above projections do not include the adult students at Arlington Community and at Langston.

⁴ Career Center Full-time Equivalent (FTE) are not included in the total as the students are already counted in their home school

⁶ PreK estimates are prepared by the Department of Teaching & Learning. The PreK estimates are for the Fall 2019 and this same estimate is used for projections years 2019-28 in the table above. APS provides specialized services (i.e., Speech) to "dual-enrolled" students on a limited basis and invites PreK students to serve as "peer models" in PreK classrooms that are under-enrolled. Although both dual-enrolled and peer model students are counted towards total enrollment, they are not counted toward capacity utilization since they are in attendance in school only intermittently. The Fall projections are subject to program relocation decisions which will be reflected in the Spring update produced in February.

⁶ The Department of Teaching & Leaming provided total "dual-enrolled" student estimates, but did not provide school-specific estimates.

ARLINGTON PUBLIC SCHOOLS PLANNING EVALUATION FALL 2020 SCHOOL YEAR ENROLLMENT PROJECTIONS 1/31/2019 ADJUSTED FOR MIDDLE AND HIGH SCHOOL BOUNDARY CHANGES

The Fall projections are subject to program relocation decisions, including at the PreK level. This will be reflected in the Spring Update to the Fall 2019 School Year Projections (produced in late February 2019).

										Presi	chool ⁵												
									Deal	384	Dual	Peer	PreK										
ELEMENTARY SCHOOL	K	1	2	3	4	5	K-5	VPI	PreK SPED	Mont	Enrl ⁶	Peer	Total										TOTAL
Abinadon	112	109	117	87	118	115	658	32	8	0	0	0	40					$\overline{}$					698
Arlington Science Focus	96	108	131	117	104	124	680	0	0	0	0	0	0										680
Arlington Traditional	120	120	120	96	96	72	624	32	6	0	0	0	38										662
Ashlawn	105	117	136	138	103	142	741	16	16	0	0	0	32										773
Barcroft	85	86	73	77	63	74	458	32	8	0	0	0	40										498
Barrett	75	75	96	75	84	88	493	48	22	17	0	0	87										580
Campbell	96	92	79	68	62	65	462	48	0	0	0	0	48										510
Carlin Springs	72	76	96	96	80	95	515	64	32	17	0	5	118										633
Claremont	144	138	132	116	112	83	725	32	0	0	0	0	32										757
Discovery	92	95	94	111	89	95	576	0	8	34	0	0	42										618
Drew	85	84	93	73	72	75	482	0	0	0	0	0	0										482
Fleet 1	98	96	85	86	93	101	559	32	5	0	0	0	37										596
Glebe	98	102	91	103	118	93	605	0	8	0	Ö	2	10										615
Hoffman-Boston	87	87	110	84	73	85	526	80	42	85	0	3	210										736
Jamestown	78	78	95	94	108	98	551	0	16	51	0	0	67					\vdash			\vdash		618
Key	144	137	104	114	102	94	695	32	8	0	Ö	0	40										735
Long Branch	71	72	73	71	67	73	427	16	6	0	Ö	0	22										449
Montessori Public School	46	42	44	83	66	54	335	32	32	119	Ö	0	183										518
McKinley	131	135	150	142	131	134	823	0	0	0	0	0	0										823
Nottingham	78	81	53	97	94	95	498	Ö	0	0	0	0	0										498
O akridge	99	97	86	102	92	76	552	16	8	0	Ö	0	24										576
Randolph	70	70	72	75	63	61	411	48	16	0	0	0	64										475
Taylor	112	118	106	99	103	122	660	0	8	0	0	3	11										671
Tuckahoe	89	92	88	78	79	83	509	ő	8	0	ő	4	12			7							521
Integration Station (Reed)	0	0	0	0	0	0	0	0	78	0	0	0	78										78
ELEMENTARY TOTAL	2.283	2.307	2.324	2.282	2.172	2.197	13,565	560	335	323	112	17	1,347										14,912
MIDDLE SCHOOL														6	7	8	MID						
Gunston														404	375	373	1.152						1.152
Hamm														268	263	226	757						757
Jefferson	İ	1											İ	401	387	400	1,188						1,188
Kenmore														409	417	365	1,191						1,191
Stratford Program														2	2	9	13						13
Swanson														340	368	328	1,036						1,036
Williamsburg				0										309	325	319	953						953
H-B Woodlawn														79	81	82	242						242
MIDDLE TOTAL							l i							2,212	2,218	2,102	6,532						6,532
HIGH SCHOOL																		9	10	11	12	HIGH	
Arlington Community																		4	16	29	42	91	91
Arlington Tech																		150	150	102	66	468	468
Langston ³																		3	14	26	78	121	121
Stratford Program	1																	8	4	4	20	36	36
Wakefield	1																	675	633	551	518	2.377	2.377
Washington-Liberty	1																	545	584	571	442	2.142	2.142
Yorktown	1	1						l										506	589	509	518	2.122	2.122
H-B Woodlawn				1														107	121	123	110	461	461
HIGH TOTAL																		1,998	2,111	1,915	1,794	7,818	7,818
																		.,,,,,,,		.,,,,,		.,,,,,	.,0.0
TOTAL	2,283	2,307	2 3 2 4	2,282	2 172	2 197	13,565	560	335	323	0	12	1,347	2,212	2,218	2 102	6,532	1 998	2,111	1,915	1,794	7,818	7,818
K-12 TOTAL	27,915	2,001			2, 1.2	_,,	10,000						1,011	,_,_	_,	_,.02	5,002	1,000	_,	.,	1,101	,,,,,,	.,0.0
Career Center - FTE's 4	459	_			l																		
		\vdash		_	<u> </u>	\vdash		\vdash				_			\vdash		H	\vdash		5 17 11			20,202
Reed (community services)	60														ld David					PreK-1:	2 Fotal		29,262

¹ Projections for Fleet do not include assumptions for the reassignment of students associated with Joint Base Meyer Henderson Hall (JBM-HH) and the Child Development Center (CDC). These students will be included in the Spring Update to the Fall 2019 School Year Projections.

Notes:

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ARLINGTON PUBLIC SCHOOLS PLANNING EVALUATION FALL 2021 SCHOOL YEAR ENROLLMENT PROJECTIONS 1/31/2019 ADJUSTED FOR MIDDLE AND HIGH SCHOOL BOUNDARY CHANGES

The Fall projections are subject to program relocation decisions, including at the PreK level. This will be reflected in the Spring Update to the Fall 2019 School Year Projections (produced in late February 2019).

										Presi	chool ⁵												
									5 1/	004	Dual		5 1/										
ELEMENTARY SCHOOL	K	1	2	3	Δ	5	K-5	VPI	PreK SPED	3&4 Mont	Dual Enrl ⁶	Peer Pals	PreK Total										TOTAL
Abinadon	115	108	104	116	86	120	649	32	8	0	0	0	40				1			Г			689
Arlington Science Focus	100	108	113	133	119	103	676	0	0	0	0	0	0										676
Arlington Traditional	120	120	120	120	96	96	672	32	6	ŏ	0	0	38										710
Ashlawn	109	118	117	144	136	115	739	16	16	ň	0	0	32										771
Barcroft	87	85	81	71	75	63	462	32	8	ŏ	0	0	40										502
Barrett	77	74	77	96	77	89	490	48	22	17	Ö	Ō	87										577
Campbell	96	92	93	84	67	61	493	48	0	0	0	0	48										541
Carlin Springs	74	75	77	100	101	80	507	64	32	17	Ů.	5	118										625
Claremont	144	138	134	122	108	108	754	32	0	0	Ů.	Ō	32										786
Discovery	94	94	95	98	112	92	585	0	8	34	0	0	42										627
Drew	86	84	85	90	73	72	490	0	0	0	0	0	0										490
Fleet 1	100	95	93	83	84	90	545	32	5	0	0	0	37										582
Glebe	100	101	98	97	105	116	617	0	8	0	0	2	10		_	_	_	_			_		627
Hoffman-Boston	89	89	97	102	85	82	544	80	42	85	0	3	210					 	l -		 		754
Jamestown	79	78	84	101	96	114	552	0	16	51	0	0	67										619
Kev	144	137	125	97	107	96	706	32	8	0	0	0	40		-	\vdash	_	-			\vdash		746
Long Branch	72	72	70	72	65	65	416	16	6	0	0	0	22		_			—					438
Montessori Public School	54	46	42	44	83	66	335	32	32	119	0	0	183		_			_			_		518
McKinley	133	135	137	155	145	131	836	0	0	0	0	0	0		-			-			-		836
Nottingham	79	81	83	55	100	94	492	0	0	0	0	0	0		 			 			 		492
Oakridge	108	105	102	96	108	93	612	16	8	0	0	0	24		_			_			_		636
Randolph	72	69	69	70	76	60	416	48	16	0	0	0	64		_		7						480
Taylor	114	116	117	103	100	102	652	0	8	0	0	3	11										663
Tuckahoe	91	91	84	89	73	78	506	0	8	ñ	0	4	12		_		-	_			_		518
Integration Station (Reed)	0	0	Ö	0	0	0	0	Ů.	78	ō	0	0	78		\vdash			-			-		78
ELEMENTARY TOTAL	2.337	2,311	2.297	2.338	2.277	2.186	13,746	560	335	323	112	17	1,347										15,093
MIDDLE SCHOOL	2,001	2,011	2,201	2,000	2,21	2,100	10,1 10	000	000	020	112		1,011	6	7	8	MID						10,000
Gunston											-			382	403	362	1.147						1.147
Hamm								P						277	261	260	798						798
Jefferson													t -	441	404	380	1,225						1,225
Kenmore														374	412	421	1,207						1,207
Stratford Program														2	2	9	13						13
Swanson														343	350	369	1.062						1.062
Williamsburg														297	314	323	934						934
H-B Woodlawn														79	81	82	242						242
MIDDLE TOTAL														2.195	2.227	2.206	6,628						6.628
HIGH SCHOOL																		9	10	11	12	HIGH	-,,
Arlington Community																		4	16	29	42	91	91
Arlington Tech																		150	150	150	102	552	552
Langston ³																		3	14	26	78	121	121
Stratford Program	t -	 	l —							l —	t		1		 	l -		8	4	4	20	36	36
Wakefield	t									 			t					762	674	615	526	2.577	2,577
Washington-Liberty															_			625	548	583	515	2.271	2.271
Yorktown													l -					581	516	574	503	2.174	2,174
H-B Woodlawn													l —					107	119	122	127	475	475
HIGH TOTAL																		2.240		2,103	1,913	8,297	8,297
THO TAL																		2,240	2,041	2,103	1,913	0,201	0,201
TOTAL	2,337	2,311	2,297	2,338	2 277	2,186	13,746	560	335	323	0	12	1,347	2,195	2,227	2.206	6,628	2,240	2,041	2,103	1,913	8,297	8,297
K-12 TOTAL	28.671	2,311	2,201	2,330	2,211	2,100	15,740	300	555	525	- 0	12	1,347	2,100	2,221	2,200	0,020	2,240	2,041	2,103	1,913	0,231	0,297
	_		-					\vdash			 		 					\vdash			\vdash		
Career Center - FTE's 4	459		-					—		-			-		-			⊢—	-	1000			
Reed (community services)	60			nigam on																PreK-1:	2 Total		30,018

Projections for Fleet do not include assumptions for the reassignment of students associated with Joint Base Meyer Henderson Hall (JBM-HH) and the Child Development Center (CDC). These students will be included in the Spring Update to the Fall 2019 School Year Projections.

Notes:

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ARLINGTON PUBLIC SCHOOLS
PLANNING EVALUATION
FALL 2022 SCHOOL YEAR ENROLLMENT PROJECTIONS
1/3/1/2019
ADJUSTED FOR MIDDLE AND HIGH SCHOOL BOUNDARY CHANGES

The Fall projections are subject to program relocation decisions, including at the PreK level. This will be reflected in the Spring Update to the Fall 2019 School Year Projections (produced in late February 2019).

Hoffman-Boston 94 91 98 89 102 94 668 80 42 85 0 0 3 210 Jamestown 82 79 84 90 104 101 540 0 16 65 1 0 0 0 67 Key 144 137 125 117 91 101 775 32 8 0 0 0 0 40 Key 144 137 125 117 91 101 775 32 8 0 0 0 0 0 40 Mortlesson Public School 66 54 46 42 44 83 335 32 119 0 0 0 183 Nottingham 82 82 83 86 57 101 491 0 0 0 0 0 0 0 0 Salridge 120 114 110 112 101 107 107 664 16 8 0 0 0 0 24 Randolph 75 71 88 67 71 73 425 48 16 0 0 0 0 24 Randolph 75 71 88 67 71 73 425 48 16 0 0 0 0 0 64 Tarkorr 112 120 117 116 110 101 107 604 16 8 0 0 0 0 0 64 Tarkorr 112 120 117 116 100 101 681 0 88 Randolph 75 71 88 67 71 73 425 48 16 0 0 0 0 64 Tarkorr 112 120 117 116 100 101 681 0 88 Randolph 75 71 88 67 71 73 425 48 16 0 0 0 0 64 Tarkorr 112 120 117 116 100 101 610 101 681 0 88 Randolph 75 72 88 65 84 73 513 0 8 0 0 0 0 78 ELEMENTARY TOTAL 2448 2370 2306 2,316 2,334 2,298 14,072 560 335 323 112 17 1,347 Helmm 120 124 130 134 134 134 134 134 134 134 134 134 134											Pres	chool ⁵												
ELMMENT SCHOOL K										311 1010	986 8		2333											
Abmoration 122 110 104 104 105 188 643 32 8 0 0 0 0 40	ELEMENTARY COLLOCI	12		0	0		_	17.5	VDI															TOTAL
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Affinition Fractional 120											_	-			_	-			—		_	-	+	
Ashlewn 196 122 118 123 141 151 771 16 16 10 0 0 0 0 32															_						_	 		
Berrott 81 87 79 77 79 49 2 32 8 0 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0											_	_	_						_		_	-		
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Carlin Spring												_	_		_				_			-		
Claremont												-			-				_		-	-	 	
Discovery 97											_										-	-	 	
Drew 92 86 86 83 80 73 510 0 0 0 0 0 0 0 0 0										_	_	_	_		_	_			_		_	-		
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Glebe									_						-						-	-		
Hoffman-Boston 94 91 98 89 102 94 668 80 42 85 0 0 3 210 Jamestown 82 79 84 90 104 101 540 0 16 65 1 0 0 0 67 Key 144 137 125 117 91 101 775 32 8 0 0 0 0 40 Key 144 137 125 117 91 101 775 32 8 0 0 0 0 0 40 Mortlesson Public School 66 54 46 42 44 83 335 32 119 0 0 0 183 Nottingham 82 82 83 86 57 101 491 0 0 0 0 0 0 0 0 Salridge 120 114 110 112 101 107 107 664 16 8 0 0 0 0 24 Randolph 75 71 88 67 71 73 425 48 16 0 0 0 0 24 Randolph 75 71 88 67 71 73 425 48 16 0 0 0 0 0 64 Tarkorr 112 120 117 116 110 101 107 604 16 8 0 0 0 0 0 64 Tarkorr 112 120 117 116 100 101 681 0 88 Randolph 75 71 88 67 71 73 425 48 16 0 0 0 0 64 Tarkorr 112 120 117 116 100 101 681 0 88 Randolph 75 71 88 67 71 73 425 48 16 0 0 0 0 64 Tarkorr 112 120 117 116 100 101 610 101 681 0 88 Randolph 75 72 88 65 84 73 513 0 8 0 0 0 0 78 ELEMENTARY TOTAL 2448 2370 2306 2,316 2,334 2,298 14,072 560 335 323 112 17 1,347 Helmm 120 124 130 134 134 134 134 134 134 134 134 134 134			_				_				_	_	_											
Jamestown	Glebe								_		_	-										Ь—		
Key 144 137 125 117 91 101 715 32 8 0 0 0 0 40																							<u> </u>	
Long Branch 77 74 70 70 68 63 420 16 6 0 0 0 0 22	Jamestown		_								_	_	_									ـــــ	—	
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Description 120									_														—	
Randolph 75 71 68 67 71 73 425 48 16 0 0 0 64													_											
Taylor 121 120 117 116 106 101 881 0 8 0 0 3 11			_			_	_			_	_	_	_											
Tuckshoe 94 93 84 85 84 73 513 0 8 0 0 4 12 Integration Station (Reed) 0 0 0 0 0 0 0 0 0 0 78 0 0 0 78 0 0 0 78 0 1 1541 MIDDLE SCHOOL Stratford Program Williamsburg H-B Woodlawm HIGH SCHOOL Addinator Community Affinington Frech Langston 9 High SCHOOL Againston																						_	—	
Integration Station (Reed) 0 0 0 0 0 0 0 0 0 0 78 0 0 0 78 0 0 78 0 0 78 0 0 78 0 0 78 0 0 78 0 0 78 0 0 78 0 0 78 0 0 78 0 0 0 78 0 0 0 78 0 0 0 78 0 0 0 78 0 0 0 78 0 0 0 78 0 0 0 78 0 0 0 78 0 0 0 78 0 0 0 78 0 0 0 78 0 0 0 78 0 0 0 78 0 0 0 0									_				_											
Second column Second colum				_		_	_		_	_	_	_												
MIDDLE SCHOOL Gunston Hamm Marchan Middle School Middle Schoo									_															
Gunston		2,448	2,370	2,306	2,316	2,334	2,298	14,072	560	335	323	112	17	1,347										15,419
Hamm Hamm Page Pa															_									
Jefferson																							—	
Stratford Program																								
Stratford Program Swanson Sw																								
Swanson 3 375 353 351 1,079																						_		
Williamsburg														ļ								┞		
H-B Woodlawn MIDDLE TOTAL MIDLE TOTAL MIDDLE TOTAL MIDLE TOTAL MIDLE TOTAL MIDLLE TOTAL MIDLLE TOTAL MIDLL																								
MIDLE TOTAL HIGH SCHOOL Addington Community Addington Tech Langston 3 Langston 3 Langston 4 Washington-Liberty Yorktown H-B Woodlawn H-																						-	—	
HIGH SCHOOL Adrington Community Adrington Tech Langston 3 Langston 3 Langston 4 Langston 4 Langston 3 Langston 3 Langston 3 Langston 3 Langston 4 Langston 4 Langston 4 Langston 5 Langston 3 Langston 3 Langston 3 Langston 3 Langston 3 Langston 3 Langston 3 Langston 3 Langston 3 Langston 3 Langston 3 Langston 3 Langston 3 Langston 3 Langston 4 Langston 3 Langston 3 Langston 3 Langston 4 Langston 3 Langston 4 Langston 4 Langston 3 Langston 4 Langston 3 Langston 4 Langston 4 Langston 4 Langston 4 Langston 4 Langston 3 Langston 4 Langston															_							_		
Arlington Community Arlington Tech Langston 3 Langston 3 Langston 4 Langston 3 Langston															2,180	2,213	2,216	6,609						6,609
Arlington Tech Langston 3 Langston 4 Langstor 5 Langstor 7 Langstor 7 Langstor 7 Langstor 8 Langstor 9 Langsto																						_		
Langston 3																								
Stratford Program 8 4 4 20 36 36		<u> </u>	\vdash			L						Ь				Ь			150	150	150	150	600	600
Wakefield 750 760 653 585 2,748 2,748 Washington-Liberty 673 631 550 528 2,382 2,382 Yorktown 622 594 506 570 2,292 2,292 H-B Woodlawn 107 118 120 126 471 471 HIGH TOTAL 2,317 2,287 2,038 2,099 8,741 8,741 TOTAL 2,448 2,370 2,306 2,316 2,334 2,298 14,072 560 335 323 0 12 1,347 2,180 2,213 2,216 6,609 2,317 2,287 2,038 2,099 8,741 8,741 K-12 TOTAL 29,422 292 292 292 2,929 2,748 2,748 2,748 2,277 2,038 2,099 8,741 8,741 K-12 TOTAL 29,422 292 2,942 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10																			-			_		
Washington-Liberty 673 631 550 528 2,382 2,382 Yorktown 622 594 506 570 2,292 2,292 H-B Woodlawn 107 118 120 126 471 471 HIGH TOTAL 2,317 2,287 2,038 2,099 8,741 8,741 TOTAL 2,448 2,370 2,306 2,316 2,334 2,293 14,072 560 335 323 0 12 1,347 2,180 2,213 2,216 6,609 2,317 2,287 2,038 2,099 8,741 8,741 K-12 TOTAL 29,422 29,422 20 2,448 2,548 2,548 2,548 2,548 2,548 2,548 2,548 2,548 2,099 8,741 8,741 Career Center - FTE's 4 459 450 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>																								
Yorktown H-B Woodlawn HIGH TOTAL 2,448 2,370 2,306 2,316 2,334 2,298 14,072 560 335 323 0 12 1,347 2,180 2,213 2,216 6,609 2,317 2,287 2,038 2,099 8,741 8,741 471 471 471 471 471 471 471 471 471	Wakefield																		750	760				2,748
H-B Woodlawn	Washington-Liberty													7				1	673	631	550	528	2,382	2,382
HIGH TOTAL 2,448 2,370 2,306 2,316 2,334 2,298 14,072 560 335 323 0 12 1,347 2,180 2,213 2,216 6,609 2,317 2,287 2,038 2,099 8,741 8,741 K-12 TOTAL 29,422 2 308 2,306 2,316 2,334 2,298 14,072 560 335 323 0 12 1,347 2,180 2,213 2,216 6,609 2,317 2,287 2,038 2,099 8,741 8,741 Career Center - FTE's 4 459	Yorktown																		622					2,292
TOTAL 2,448 2,370 2,306 2,316 2,334 2,298 14,072 560 335 323 0 12 1,347 2,180 2,213 2,216 6,609 2,317 2,287 2,038 2,099 8,741 8,741 K-12 TOTAL 29,422	H-B Woodlawn																		107					
K-12 TOTAL 29,422 Career Center - FTE's 4 459	HIGH TOTAL																		2,317	2,287	2,038	2,099	8,741	8,741
K-12 TOTAL 29,422 Career Center - FTE's 4 459																								
Career Center - FTE's 4 459	TOTAL	2,448	2,370	2,306	2,316	2,334	2,298	14,072	560	335	323	0	12	1,347	2,180	2,213	2,216	6,609	2,317	2,287	2,038	2,099	8,741	8,741
	K-12 TOTAL	29,422																						
	Career Center - FTE's 4	459																						
	Reed (community services)	60																			Drol/ 1	2 Total	 	30.769

1 Projections for Fleet do not include assumptions for the reassignment of students associated with Joint Base Meyer Henderson Hall (JBM-HH) and the Child Development Center (CDC). These students will be included in the Spring Update to the Fall 2019 School Year Projections.

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ARLINGTON PUBLIC SCHOOLS
PLANNING EVALUATION
FALL 2023 SCHOOL YEAR ENROLLMENT PROJECTIONS
1/31/2019

1/31/2019
ADJUSTED FOR MIDDLE AND HIGH SCHOOL BOUNDARY CHANGES

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										Pres	chool ⁵												
									300 000	2000000		0.82	1400 0000										
ELEMENTARY SCHOOL	K	4	2	3	4	5	K-5	VPI	PreK SPED	3&4 Mont	Dual Enrl ⁶	Peer Pals	PreK										TOTAL
Abinadon	128	117	106	103	103	118	675	32	SPED 8	O	0	Pais 0	Total 40		_	_	_	_	_	_			715
Arlington Science Focus	116	123	120	118	120	136	733	0	0	0	0	0	0			-			_				733
Arlington Science Focus Arlington Traditional	120	120	120	120	120	120	720	32	6	0	0	0	38			-	_		 				758
Ashlawn	120	129	121	123	120	156	769	16	16	0	0	0	32	_		 	_		\vdash				801
Barcroft	94	91	82	78	77	70	492	32	8	0	0	0	40						 				532
Barrett	83	79	78	76	78	104	498	48	22	17	0	0	87						 				585
Campbell	96	92	93	99	98	82	560	48	0	0	0	Ő	48						—				608
Carlin Springs	83	84	78	79	84	105	513	64	32	17	0	5	118						1				631
Claremont	144	138	134	125	116	109	766	32	0	0	0	0	32										798
Discoverv	100	99	96	98	100	103	596	0	8	34	0	0	42										638
Drew	98	94	90	87	86	93	548	ō	0	0	0	0	0										548
Fleet 1	106	100	93	90	89	78	556	32	5	0	0	0	37										593
Glebe	108	108	99	103	106	97	621	0	8	0	0	2	10						-				631
Hoffman-Boston	98	96	101	90	90	113	588	80	42	85	0	3	210						-				798
Jamestown	84	82	85	90	92	109	542	0	16	51	0	0	67	 			 	 	\vdash				609
Kev	144	137	125	117	109	86	718	32	8	0	0	0	40			\vdash			\vdash	\vdash			758
Long Branch	81	79	72	71	64	64	431	16	6	0	0	0	22										453
Montessori Public School	83	66	54	46	42	44	335	32	32	119	0	0	183			†			-				518
McKinley	142	142	139	141	143	158	865	0	0	0	0	0	0										865
Nottingham	84	85	84	86	89	57	485	Ŏ	0	Ŏ	0	Ō	Ŏ										485
Oakridge	124	120	111	113	111	94	673	16	8	ŏ	Ö	Ŏ	24										697
Randolph	77	74	70	66	68	68	423	48	16	0	0	0	64										487
Taylor	125	127	121	117	119	107	716	0	8	0	0	3	11										727
Tuckahoe	98	97	86	85	81	84	531	0	8	0	0	4	12										543
Integration Station (Reed)	0	0	0	0	0	0	0	0	78	0	0	0	78										78
ELEMENTARY TOTAL	2,536	2,479	2,358	2,321	2,305	2,355	14,354	560	335	323	112	17	1,347								ļ,		15,701
MIDDLE SCHOOL														6	7	8	MID						
Gunston														446	429	367	1,242						1,242
Hamm														300	260	272	832						832
Jefferson														441	420	437	1,298						1,298
Kenmore														369	338	380	1,087						1,087
Stratford Program														2	2	9	13						13
Swanson											-			366	384	353	1,103						1,103
Williamsburg														297	283	300	880						880
H-B Woodlawn						_								79	81	82	242		_				242
MIDDLE TOTAL														2,300	2,197	2,200	6,697						6,697
HIGH SCHOOL																		9	10	11	12	HIGH	
Arlington Community						-												4	16	29	42	91	91
Arlington Tech	+	!	⊢			⊢		_	-	_		-		_			_	150	150	150	150	600	600
Langston ³																		3	14	26	78	121	121
Stratford Program		ļ				<u> </u>												8	4	4	20	36	36
Wakefield		ļ				\vdash												785	746	733	620	2,884	2,884
Washington-Liberty	1	<u> </u>																669	678	630	497	2,474	2,474
Yorktown	1	<u> </u>				<u> </u>						<u> </u>	_					601	636	582	502	2,321	2,321
H-B Woodlawn						\vdash												107	118	120	124	469	469
HIGH TOTAL																		2,327	2,362	2,274	2,033	8,996	8,996
TOTAL	2,536	2,479	2.250	2 2 2 4	2.305	2,355	14,354	560	335	323	0	12	1,347	2 200	2 107	2 200	6,697	2,327	2,362	2,274	2,033	8,996	8,996
K-12 TOTAL	30,047	2,419	2,508	2,321	2,303	2,500	14,504	300	333	323	U	12	1,347	2,300	2,197	2,200	0,097	2,321	2,302	2,214	2,033	0,990	0,990
		1	\vdash	_	-	\vdash		\vdash	1	\vdash		 		\vdash			\vdash	-	\vdash	—			\vdash
Career Center - FTE's 4	459	 	<u> </u>	_		├		<u> </u>	<u> </u>			<u> </u>		<u> </u>	<u> </u>	<u> </u>	—	<u> </u>	<u> </u>				-
Reed (community services)	60																			PreK-12	2 Total		31,394

Projections for Fleet do not include assumptions for the reassignment of students associated with Joint Base Meyer Henderson Hall (JBM-HH) and the Child Development Center (CDC). These students will be included in the Spring Update to the Fall 2019 School Year Projections.

Notes

All Special Education students, including those in self-contained classes, all ESOL/HILT/HILTEX students, and all Transition Program students are included within the grade totals at each school.

The projections for option schools were calculated differently from neighborhood schools. For certain option schools, either their enrollment was static as of Sept. 30, 2018 or the incoming class was based on the prior year's Spring Update to the Fall Projections.

² Five-year-old Montessori students are reported in Kindergarten. PreKindergaten enrollment previously reported at Drew has been reassigned to the Montessori program in the Henry building.

³ Langston and Arlington Community membership does not include students over 20 years old. The above projections do not include the adult students at Arlington Community and at Langston.

⁴Career Center Full-time Equivalent (FTE) are not included in the total as the students are already counted in their home school.

⁶ PreK estimates are prepared by the Department of Teaching & Learning. The PreK estimates are for the Fall 2019 and this same estimate is used for projections years 2019-28 in the table above. APS provides specialized services (i.e., Speech) to "dual-enrolled" students on a limited basis and invites PreK students to serve as "peer models" in PreK classrooms that are under-enrolled. Although both dual-enrolled and peer model students are counted towards total enrollment, they are not counted toward capacity utilization since they are in attendance in school only intermittently. The Fall projections are subject to program relocation decisions which will be reflected in the Spring update produced in February.

produced in February.

The Department of Teaching & Learning provided total "dual-enrolled" student estimates, but did not provide school-specific estimates.

ARLINGTON PUBLIC SCHOOLS
PLANNING EVALUATION
FALL 2024 SCHOOL YEAR ENROLLMENT PROJECTIONS
1/31/2019
ADJUSTED FOR MIDDLE AND HIGH SCHOOL BOUNDARY CHANGES

The Fall projections are subject to program relocation decisions, including at the PreK level. This will be reflected in the Spring Update to the Fall 2019 School Year Projections (produced in late February 2019).

										Presi	chool ⁵												
									D 1/	004	Dual	_	D 1/										
ELEMENTARY SCHOOL	К	1	2	3	4	5	K-5	VPI	PreK SPED	3&4 Mont	Enrl 6	Peer Pals	PreK Total										TOTAL
Abinadon	133	123	113	106	102	105	682	32	8	0	0	0	40		_			_					722
Arlington Science Focus	123	132	130	124	121	120	750	0	0	0	0	0	0	-	 			 	-				750
Arlington Traditional	120	120	120	120	120	120	720	32	6	0	0	0	38					—	-				758
Ashlawn	125	133	128	127	120	133	766	16	16	ō	0	0	32										798
Barcroft	97	94	86	80	76	77	510	32	8	ő	0	0	40		 			—					550
Barrett	86	82	81	78	77	83	487	48	22	17	0	ŏ	87										574
Campbell	96	92	93	99	98	96	574	48	0	0	0	0	48					 					622
Carlin Springs	87	87	84	81	83	84	506	64	32	17	Ō	5	118										624
Claremont	144	138	134	125	116	111	768	32	0	0	Ö	Ů.	32										800
Discoverv	102	102	100	101	99	104	608	0	8	34	0	0	42										650
Drew	105	101	99	91	90	89	575	0	0	0	0	0	0										575
Fleet 1	109	103	96	92	88	86	574	32	5	0	0	0	37										611
Glebe	112	112	104	106	105	104	643	0	8	0	Ö	2	10					-					653
Hoffman-Boston	103	101	107	93	91	100	595	80	42	85	0	3	210								\vdash		805
Jamestown	86	84	88	91	92	97	538	0	16	51	0	0	67								\vdash		605
Key	144	137	125	117	109	104	736	32	8	0	0	0	40		\vdash			\vdash	\vdash				776
Long Branch	83	82	76	71	64	62	438	16	6	0	0	0	22										460
Montessori Public School	44	83	66	54	46	42	335	32	32	119	Ö	Ö	183										518
McKinlev	146	146	144	143	143	144	866	0	0	0	0	0	0										866
Nottingham	87	87	87	87	89	90	527	0	ō	Ö	0	0	0										527
Oakridge	129	123	116	114	111	102	695	16	8	ő	Ö	Ö	24										719
Randolph	80	76	73	68	67	65	429	48	16	Ŏ	0	0	64										493
Taylor	129	130	127	119	118	118	741	0	8	0	0	3	11										752
Tuckahoe	100	100	89	87	80	81	537	0	8	0	0	4	12										549
Integration Station (Reed)	0	0	0	0	0	0	0	0	78	0	0	0	78										78
ELEMENTARY TOTAL	2,570	2,568	2,466	2,374	2,305	2,317	14,600	560	335	323	112	17	1,347										15,947
MIDDLE SCHOOL														6	7	8	MID						
Gunston														488	446	414	1,348						1,348
Hamm														289	292	257	838						838
Jefferson														452	444	411	1,307						1,307
Kenmore														394	372	341	1,107						1,107
Stratford Program														2	2	9	13						13
Swanson					-									409	376	385	1,170			de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la			1,170
Williamsburg			1											246	302	281	829			7			829
H-B Woodlawn														79	81	82	242						242
MIDDLE TOTAL														2,359	2,315	2,180	6,854						6,854
HIGH SCHOOL																		9	10	11	12	HIGH	
Arlington Community																		4	16	29	42	91	91
Arlington Tech																		150	150	150	150	600	600
Langston ³																		3	14	26	78	121	121
Stratford Program																		8	4	4	20	36	36
Wakefield																		772	781	721	696	2,970	2,970
Washington-Liberty																		682	672	674	567	2,595	2,595
Yorktown																		617	614	622	576	2,429	2,429
H-B Woodlawn																		107	118	120	123	468	468
HIGH TOTAL																		2,343	2,369	2,346	2,252	9,310	9,310
TOTAL	2,570	2,568	2,466	2,374	2,305	2,317	14,600	560	335	323	0	12	1,347	2,359	2,315	2,180	6,854	2,343	2,369	2,346	2,252	9,310	9,310
K-12 TOTAL	30,764																						
Career Center - FTE's 4	459																						

¹ Projections for Fleet do not include assumptions for the reassignment of students associated with Joint Base Meyer Henderson Hall (JBM-HH) and the Child Development Center (CDC). These students will be included in the Spring Update to the Fall 2019 School Year Projections.

Notes:

All Special Education students, including those in self-contained classes, all ESOL/HILT/HILTEX students, and all Transition Program students are included within the grade totals at each school. The projections for option schools were calculated differently from neighborhood schools. For certain option schools, either their enrollment was static as of Sept. 30, 2018 or the incoming class was based on the prior year's Spring Update to the Fall Projections.

² Five-year-old Montessori students are reported in Kindergarten. PreKindergaten enrollment previously reported at Drew has been reassigned to the Montessori program in the Henry building.

³ Langston and Arlington Community membership does not include students over 20 years old. The above projections do not include the adult students at Arlington Community and at Langston.

⁴ Career Center Full-time Equivalent (FTE) are not included in the total as the students are already counted in their home school.

⁶ PreK estimates are prepared by the Department of Teaching & Learning. The PreK estimates are for the Fall 2019 and this same estimate is used for projections years 2019-28 in the table above. APS provides specialized services (i.e., Speech) to "dual-enrolled" students on a limited basis and invites PreK students to serve as "peer models" in PreK classrooms that are under-enrolled. Although both dual-enrolled and peer model students are counted towards total enrollment, they are not counted toward capacity utilization since they are in attendance in school only intermittently. The Fall projections are subject to program relocation decisions which will be reflected in the Spring update produced in February.

produced in February.

The Department of Teaching & Learning provided total "dual-enrolled" student estimates, but did not provide school-specific estimates

ARLINGTON PUBLIC SCHOOLS
PLANNING EVALUATION
FALL 2025 SCHOOL YEAR ENROLLMENT PROJECTIONS
1/31/2019

ADJUSTED FOR MIDDLE AND HIGH SCHOOL BOUNDARY CHANGES

The Fall projections are subject to program relocation decisions, including at the PreK level. This will be reflected in the Spring Update to the Fall 2019 School Year Projections (produced in late February 2019).

										Presi	chool ⁵												
											Dual												
ELEMENTARY SCHOOL	K	1	2	3	4	5	K-5	VPI	PreK SPED	3&4 Mont	Dual Enrl®	Peer Pals	PreK Total										TOTAL
Abingdon	137	128	118	112	105	104	704	32	8	O	0	0	40					_	г				744
Arlington Science Focus	129	139	138	134	126	121	787	0	0	0	0	0	0										787
Arlington Traditional	120	120	120	120	120	120	720	32	6	0	0	0	38	<u> </u>					 				758
Ashlawn	129	140	133	135	125	134	796	16	16	0	0	0	32	_	_			_	_				828
Barcroft	100	97	89	84	78	76	524	32	8	0	0	0	40					 	_				564
Barrett	89	87	86	82	81	83	508	48	22	17	0	0	87										595
Campbell	96	92	93	99	98	96	574	48	0	0	ő	ō	48										622
Carlin Springs	90	91	87	88	85	83	524	64	32	17	0	5	118										642
Claremont	144	138	134	125	116	111	768	32	0	0	0	ŏ	32										800
Discovery	105	104	103	104	101	103	620	0	8	34	Ö	Ŏ	42					\vdash	\vdash				662
Drew	108	105	103	97	91	90	594	ŏ	Ŏ	0	Ö	ŏ	0										594
Fleet 1	111	106	99	94	89	85	584	32	5	0	0	0	37										621
Glebe	114	116	107	111	107	103	658	0	8	0	0	2	10										668
Giede Hoffman-Boston	106	105	111	98	93	103	614	80	42	85	0	3	210	\vdash	\vdash			 	\vdash		\vdash		824
Horrman-Boston Jamestown	88	86	90	98	93	97	548	0	16	51	0	0	67	-	\vdash			_	\vdash		\vdash		615
Jamestown Key	144	137	125	117	109	104	736	32	8	0	0	0	40	\vdash	\vdash		-	-	\vdash	_	\vdash		776
Long Branch	85	84	79	75	65	62	450	16	6	0	0	0	22						_			2	472
Montessori Public School	42	44	83	66	54	46	335	32	32	119	0	0	183		-		 	 	-				518
McKinlev	149	150		148	145	144	884	0	0	0	0	0	0										884
Nottingham	88	90	148 89	90	91	90	538	0	0	0	0	0	0	-	\vdash			-	_		\vdash		538
Notungnam Oakridge	131	127	120	119	112	103	712	16	8	0	0	0	24		-		_	-	_		_		736
Randolph	82	79	75	71	69	64	440	48	16	0	0	0	64	-	_	_	—		_		\vdash		504
		135						0		0	0	3					-	 	-				768
Taylor Tuckahoe	131	103	130 92	124 90	120 83	117 80	757 551	0	8	0	0	4	11 12	-	-		_		-	(a)		6	563
Integration Station (Reed)	0	0	0	0	0	0	0	0	78	0	0	0	78	_			_	-			\vdash		78
ELEMENTARY TOTAL	2,621	2,603	2,552	2,477	2,356		14,926	560	335	323	112	17	1,347										16,273
MIDDLE SCHOOL	2,021	2,003	2,002	2,411	2,330	2,317	14,920	300	333	323	112	17	1,347	6	7	8	MID						10,273
Gunston														468	486	429	1,383						1,383
Hamm					-			-						288	281	289	858						858
Jefferson	<u> </u>							_						460	455	435	1,350	_					1,350
Kenmore	 		-		-			\vdash	_	_	_	_		369	397	375	1,141	-	_		\vdash		1,141
Stratford Program														2	2	9	13						13
Swanson								-						379	421	377	1.177	_					1.177
Williamsburg								-						275	250	300	825						825
H-B Woodlawn								—						79	81	82	242	—	-				242
MIDDLE TOTAL														2,320	2,373	2,296	6,989						6,989
HIGH SCHOOL								- 2						2,320	2,313	2,230	0,303	9	10	11	12	HIGH	0,303
Arlington Community																		4	16	29	42	91	91
Arlington Tech					-			-										150	150	150	150	600	600
					 			\vdash	_	_	 			_	—				202	0.000		10000	
Langston ³								_										3	14	26	78	121	121
Stratford Program	-		-					\vdash		<u> </u>		-	1	-	\vdash	_	_	8	4	4	20	36	36
Wakefield	-	-						\vdash						_				815	767	752	682	3,016	3,016
Washington-Liberty	-	Н—	 	1	-	-	 	\vdash	-	<u> </u>	 	 	-	-	\vdash		-	634	686	670	608	2,598	2,598
Yorktown	-		-	1	-		-	-		<u> </u>		-	1	-			-	591	630	600	615	2,436	2,436
H-B Woodlawn																		107	118	120	123	468	468
HIGH TOTAL																		2,312	2,385	2,351	2,318	9,366	9,366
TOTAL	0.004	2.002	0.550	0.477	0.050	0.047	11000	500	205	222	0	40	4.047	0.000	0.070	0.000	0.000	0.040	0.005	0.054	0.040	0.000	0.200
TOTAL	2,621	2,603	2,552	2,477	2,356	2,317	14,926	560	335	323	0	12	1,347	2,320	2,373	2,296	6,989	2,312	2,385	2,351	2,318	9,366	9,366
K-12 TOTAL	31,281	<u> </u>	<u> </u>	<u> </u>				 					!										
Career Center - FTE's 4	459																						
Reed (community services)	60						l	l		l					l					PreK-13	2 Total		32,628

1 Projections for Fleet do not include assumptions for the reassignment of students associated with Joint Base Meyer Henderson Hall (JBM-HH) and the Child Development Center (CDC). These students will be included in the Spring Update to the Fall 2019 School Year Projections.

Notes:

All Special Education students, including those in self-contained classes, all ESOL/HILT/HILTEX students, and all Transition Program students are included within the grade totals at each school. The projections for option schools were calculated differently from neighborhood schools. For certain option schools, either their enrollment was static as of Sept. 30, 2018 or the incoming class was based on the prior year's Spring Update to the Fall Projections.

² Five-year-old Montessori students are reported in Kindergarten. PreKindergaten enrollment previously reported at Drew has been reassigned to the Montessori program in the Henry building.

³ Langston and Arlington Community membership does not include students over 20 years old. The above projections do not include the adult students at Arlington Community and at Langston.

⁴ Career Center Full-time Equivalent (FTE) are not included in the total as the students are already counted in their home school.

⁵ PreK estimates are prepared by the Department of Teaching & Learning. The PreK estimates are for the Fall 2019 and this same estimate is used for projections years 2019-28 in the table above. APS provides specialized services (i.e., Speech) to "dual-enrolled" students on a limited basis and invites PreK students to serve as "peer models" in PreK classrooms that are under-enrolled. Although both dual-enrolled and peer model students are counted towards total enrollment, they are not counted toward capacity utilization since they are in attendance in school only intermittently. The Fall projections are subject to program relocation decisions which will be reflected in the Spring update produced in February.

⁶ The Department of Teaching & Learning provided total "dual-enrolled" student estimates, but did not provide school-specific estimates.

ARLINGTON PUBLIC SCHOOLS PLANNING EVALUATION FALL 2026 SCHOOL YEAR ENROLLMENT PROJECTIONS 1/31/2019

ADJUSTED FOR MIDDLE AND HIGH SCHOOL BOUNDARY CHANGES

The Fall projections are subject to program relocation decisions, including at the PreK level. This will be reflected in the Spring Update to the Fall 2019 School Year Projections (produced in late February 2019).

										Pres	chool ⁵												
									Don't	004	Dual	D	Dueld										
ELEMENTARY SCHOOL	K	1	2	3	4	5	K-5	VPI	PreK SPED	384 Mont	Enrl ⁶	Peer Pals	PreK Total										TOTAL
Abinadon	141	131	123	117	111	107	730	32	8	0	0	0	40						$\overline{}$				770
Arlington Science Focus	132	143	144	140	134	124	817	0	0	0	0	0	0										817
Arlington Traditional	120	120	120	120	120	120	720	32	6	0	0	0	38						1				758
Ashlawn	134	144	139	140	132	139	828	16	16	0	0	0	32										860
Barcroft	102	101	92	87	82	78	542	32	8	0	0	0	40										582
Barrett	92	90	90	86	85	87	530	48	22	17	0	0	87										617
Campbell	96	92	93	99	98	96	574	48	0	0	0	0	48										622
Carlin Springs	94	95	93	92	93	87	554	64	32	17	0	5	118										672
Claremont	144	138	134	125	116	111	768	32	0	0	0	0	32										800
Discovery	106	107	105	107	105	105	635	0	8	34	0	- 0	42										677
Drew	111	107	106	100	96	91	611	0	0	0	0	0	0										611
Fleet 1	113	108	102	97	92	86	598	32	5	0	0	0	37										635
Glebe	116	118	111	114	113	105	677	0	8	0	0	2	10										687
Hoffman-Boston	107	107	115	101	97	102	629	80	42	85	0	3	210										839
Jamestown	90	88	93	97	97	98	563	0	16	51	0	0	67		t -								630
Kev	144	137	125	117	109	104	736	32	8	0	0	0	40										776
Long Branch	87	86	81	78	69	63	464	16	6	0	0	0	22										486
Montessori Public School	46	42	44	83	66	54	335	32	32	119	Ŏ	ŏ	183										518
McKinley	152	153	152	152	151	146	906	0	0	0	0	Ŭ.	0										906
Nottingham	90	91	92	93	94	91	551	0	Ů.	0	0	Ō	Ů,										551
Oakridge	135	130	124	123	117	104	733	16	8	Ö	Ö	Ŏ	24										757
Randolph	84	81	78	73	72	66	454	48	16	Ö	0	Õ	64										518
Taylor	135	137	134	128	126	120	780	0	8	0	0	3	11										791
Tuckahoe	105	105	94	93	85	82	564	0	8	0	0	4	12										576
Integration Station (Reed)	0	0	0	0	0	0	0	0	78	0	0	0	78										78
ELEMENTARY TOTAL	2,676	2.651	2.584	2.562	2.460	2.366	15,299	560	335	323	112	17	1,347										16,646
MIDDLE SCHOOL														6	7	8	MID						
Gunston														460	465	466	1.391						1.391
Hamm														288	280	277	845						845
Jefferson														458	463	446	1,367						1,367
Kenmore														370	374	404	1,148						1,148
Stratford Program														2	2	9	13						13
Swanson		,												383	390	423	1,196						1,196
Williamsburg		1												273	279	248	800						800
H-B Woodlawn														79	81	82	242						242
MIDDLE TOTAL											Ü			2,313	2,334	2,355	7,002						7,002
HIGH SCHOOL																		9	10	11	12	HIGH	
Arlington Community																		4	16	29	42	91	91
Arlington Tech																		150	150	150	150	600	600
Langston ³																		3	14	26	78	121	121
Stratford Program																		8	4	4	20	36	36
Wakefield												†						845	807	737	710	3,099	3.099
Washington-Liberty																		703	638	686	605	2,632	2,632
Yorktown																		621	603	615	592	2,431	2,431
H-B Woodlawn															10			107	118	120	123	468	468
HIGH TOTAL																		2.441	2,350	2,367		9.478	9.478
																			,000	_,507	_,520	-,,,,	-,
TOTAL	2.676	2.651	2.584	2.562	2.460	2.366	15.299	560	335	323	0	12	1,347	2.313	2.334	2.355	7.002	2.441	2.350	2.367	2.320	9.478	9.478
K-12 TOTAL	31,779	2,001	2,001	2,002	2,100	2,000	10,200					12	.,0,7	2,010	2,004	2,000	.,002	2,111	2,000	2,007	2,020	3,113	5,115
Career Center - FTE's 4	459								\vdash				1				l					\vdash	
			 	<u> </u>		—		<u> </u>	├	_	<u> </u>	 	!	-	 	-	 	-	-			-	00.100
Reed (community services)	60	İ							į .	l			ļ				į .			PreK-1:	2 Total		33,126

1 Projections for Fleet do not include assumptions for the reassignment of students associated with Joint Base Meyer Henderson Hall (JBM-HH) and the Child Development Center (CDC). These students will be included in the Spring Update to the Fall 2019 School Year Projections.

Notes:

All Special Education students, including those in self-contained classes, all ESOL/HILT/HILTEX students, and all Transition Program students are included within the grade totals at each school.

The projections for option schools were calculated differently from neighborhood schools. For certain option schools, either their enrollment was static as of Sept. 30, 2018 or the incoming class was based on the prior year's Spring Update to the Fall Projections.

² Five-year-old Montessori students are reported in Kindergarten. Prekindergaten enrollment previously reported at Drew has been reassigned to the Montessori program in the Henry building.

a Langston and Arlington Community membership does not include students over 20 years old. The above projections do not include the adult students at Arlington Community and at Langston.

⁴ Career Center Full-time Equivalent (FTE) are not included in the total as the students are already counted in their home school.

⁵ PreK estimates are prepared by the Department of Teaching & Learning. The PreK estimates are for the Fall 2019 and this same estimate is used for projections years 2019-28 in the table above. APS provides specialized services (i.e., Speech) to "dual-enrolled" students on a limited basis and invites PreK students to serve as "peer models" in PreK classrooms that are under-enrolled. Although both dual-enrolled and peer model students are counted towards total enrollment, they are not counted toward capacity utilization since they are in attendance in school only intermittently. The Fall projections are subject to program relocation decisions which will be reflected in the Spring update produced in February.

produced in February.

The Department of Teaching & Learning provided total "dual-enrolled" student estimates, but did not provide school-specific estimates

ARLINGTON PUBLIC SCHOOLS PLANNING EVALUATION FALL 2027 SCHOOL YEAR ENROLLMENT PROJECTIONS 1/31/2019

ADJUSTED FOR MIDDLE AND HIGH SCHOOL BOUNDARY CHANGES

The Fall projections are subject to program relocation decisions, including at the PreK level. This will be reflected in the Spring Update to the Fall 2019 School Year Projections (produced in late February 2019).

										Presi	chool ⁶												
									Drol	204	Dual	Door	Deal										
ELEMENTARY SCHOOL	К	1	2	3	4	5	K-5	VPI	PreK SPED	3&4 Mont	Enrl 6	Peer Pals	PreK Total										TOTAL
Abinadon	145	135	127	122	116	114	759	32	8	0	0	0	40								$\overline{}$		799
Arlington Science Focus	137	148	149	146	142	133	855	0	0	Ö	0	0	0										855
Arlington Traditional	120	120	120	120	120	120	720	32	6	ő	0	0	38										758
Ashlawn	137	149	143	146	137	146	858	16	16	0	0	0	32										890
Barcroft	104	103	95	89	84	82	557	32	8	0	0	0	40										597
Barrett	94	91	92	89	88	90	544	48	22	17	0	0	87										631
Campbell	96	92	93	99	98	96	574	48	0	0	0	0	48										622
Carlin Springs	99	100	97	98	98	95	587	64	32	17	0	5	118										705
Claremont	144	138	134	125	116	111	768	32	0	0	0	0	32								i i		800
Discovery	108	108	108	109	108	108	649	0	8	34	0	0	42										691
Drew	113	110	108	103	99	95	628	0	0	0	0	0	0										628
Fleet 1	117	111	105	101	96	90	620	32	5	0	0	0	37										657
Glebe	119	120	113	118	116	111	697	0	8	0	0	2	10								—		707
Hoffman-Boston	110	108	117	104	100	106	645	80	42	85	0	3	210	t				l			\vdash	1	855
Jamestown	91	90	95	99	99	102	576	0	16	51	0	0	67	t								t	643
Kev	144	137	125	117	109	104	736	32	8	0	0	0	40										776
Long Branch	89	88	83	80	71	66	477	16	6	ŏ	Ö	Ō	22				7						499
Montessori Public School	54	46	42	44	83	66	335	32	32	119	Ö	Ö	183										518
McKinlev	155	156	156	157	155	151	930	0	0	0	0	0	0										930
Nottingham	92	93	93	96	96	94	564	0	0	ō	Ō	Ō	Ŏ										564
Oakridge	137	133	126	127	120	108	751	16	8	ŏ	0	Ö	24										775
Randolph	86	83	80	75	74	69	467	48	16	0	0	0	64				4						531
Taylor	138	141	137	132	129	125	802	0	8	ō	0	3	11										813
Tuckahoe	108	108	98	96	89	86	585	Õ	8	ő	Ů	4	12										597
Integration Station (Reed)	0	0	0	0	0	0	0	0	78	0	0	0	78										78
ELEMENTARY TOTAL	2,737	2,708	2,636		2,543	2,468	15,684	560	335	323	112	17	1,347										17,031
MIDDLE SCHOOL														6	7	8	MID						
Gunston														462	455	445	1.362						1,362
Hamm														291	280	277	848						848
Jefferson														465	462	455	1,382				i		1,382
Kenmore													2	382	376	381	1.139						1.139
Stratford Program														2	2	9	13						13
Swanson														390	393	391	1,174						1,174
Williamsburg														278	279	278	835						835
H-B Woodlawn														79	81	82	242						242
MIDDLE TOTAL														2,349	2,328	2,318	6,995						6,995
HIGH SCHOOL																		9	10	11	12	HIGH	
Arlington Community																		4	16	29	42	91	91
Arlington Tech																		150	150	150	150	600	600
Langston ³																		3	14	26	78	121	121
Stratford Program																		8	4	4	20	36	36
Wakefield																		890	837	775	695	3,197	3,197
Washington-Liberty																		724	705	635	616	2,680	2,680
Yorktown																		590	634	588	608	2,420	2,420
H-B Woodlawn																		107	118	120	123	468	468
HIGH TOTAL																		2.476	2,478	2.327	2.332	9,613	9,613
																		,	2,	21021	2,002	5,5.0	0,0.0
TOTAL	2,737	2,708	2,636	2,592	2,543	2,468	15,684	560	335	323	0	12	1,347	2,349	2,328	2,318	6,995	2,476	2,478	2,327	2,332	9,613	9,613
K-12 TOTAL	32,292																						
Career Center - FTE's 4	459		1															1					i
	60																	_		Drol/ 1	Toto'		33,639
Reed (community services)	00												/I-HH) and	<u> </u>						PreK-1:	2 TOTAL		33,039

¹ Projections for Fleet do not include assumptions for the reassignment of students associated with Joint Base Meyer Henderson Hall (JBM-HH) and the Child Development Center (CDC). These students will be included in the Spring Update to the Fall 2019 School Year Projections.

Notes

All Special Education students, including those in self-contained classes, all ESOL/HILT/HILTEX students, and all Transition Program students are included within the grade totals at each school.

The projections for option schools were calculated differently from neighborhood schools. For certain option schools, either their enrollment was static as of Sept. 30, 2018 or the incoming class was based on the prior year's Spring

² Five-year-old Montessori students are reported in Kindergarten. PreKindergaten enrollment previously reported at Drew has been reassigned to the Montessori program in the Henry building.

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⁴ Career Center Full-time Equivalent (FTE) are not included in the total as the students are already counted in their home school.

⁶ PreK estimates are prepared by the Department of Teaching & Learning. The PreK estimates are for the Fall 2019 and this same estimate is used for projections years 2019-28 in the table above. APS provides specialized services (i.e., Speech) to "dual-enrolled" students on a limited basis and invites PreK students to serve as "peer models" in PreK classrooms that are under-enrolled. Although both dual-enrolled and peer model students are counted towards total enrollment, they are not counted toward capacity utilization since they are in attendance in school only intermittently. The Fall projections are subject to program relocation decisions which will be reflected in the Spring update produced in February.

⁶ The Department of Teaching & Leaming provided total "dual-enrolled" student estimates, but did not provide school-specific estimates

ARLINGTON PUBLIC SCHOOLS
PLANNING EVALUATION
FALL 2028 SCHOOL YEAR ENROLLMENT PROJECTIONS
1/31/2019
ADJUSTED FOR MIDDLE AND HIGH SCHOOL BOUNDARY CHANGES

The Fall projections are subject to program relocation decisions, including at the PreK level. This will be reflected in the Spring Update to the Fall 2019 School Year Projections (produced in late February 2019).

										Preso	chool ⁵												
									22 800	502.50			200 000										
ELEMENTARY COLLOCI	12		_			-	14.5	V.D.	PreK	384	Dual	Peer	PreK										TOT41
ELEMENTARY SCHOOL	K 140	1	2	3	4	5	K-5	VPI	SPED	Mont	Enrl ⁶	Pals	Total		_			г —	Г		г -		TOTAL
Adington	149	139	130	126	121	119	784	32	8	0	0	0	40 0		-			-		-			824
Arlington Science Focus Arlington Traditional	141 120	153 120	153 120	151 120	148 120	140 120	886 720	32	6	0	0	0	38	-	—			-					886 758
			147						16	_	0				-			-			-		
Ashlawn	141 106	152 105		149 92	142 87	151 85	882	16 32	8	0	0	0	32 40	-		-		-		-			914 611
Barcroft Barrett	97	93	96 93	92	92	94	571 560	48	22	17	0	0	87					-		-			647
Campbell	96	92	93	99	98	96	574	48	0	0	0	0	48	-						_			622
Carlin Springs	101	103	101	101	103	99	608	64	32	17	0	5	118		_					_			726
Claremont	144	138	134	125	116	111	768	32	0	0	0	0	32		_								800
Discovery	111	110	109	113	110	112	665	0	8	34	0	0	42	_	-	_		-	_	_	 		707
Drew	116	112	111	105	102	98	644	0	0	0	0	0	0										644
					-			_							_			-		-			
Fleet 1	120	114	108	104	100	94	640	32	5	0	0	0	37		_					_			677
Glebe	122	123	115	120	120	114	714	0	8	0	0	2	10	.	\vdash	-		—	-				724
Hoffman-Boston	113	112	119	106	104	110	664	80	42	85	0	3	210	-	\vdash			-					874
Jamestown	93	91	97	101	101	104	587	0	16	51	0	0	67	ļ	_	<u> </u>		-					654
Key	144	137	125	117	109	104	736	32	8	0	0	0	40		\vdash								776
Long Branch Montessori Public School	91 66	90 54	85 46	82 42	73 44	69 83	490 335	16 32	6 32	0 119	0	0	22 183	<u> </u>	\vdash	-		-					512 518
					160				32 0		_	_			-								952
McKinley	158 93	159 95	159	160 97	100	156	952	0	_	0	0	0	0		-			-					
Nottingham Oakridge	141	136	96 130			97 112	578 773	0 16	0	0	0	0	0 24		-								578 797
	87	85	82	129 77	125 76	71	478	48	16	0	0	0	64		\vdash			-		-			542
Randolph Taylor	141	143	140	134	133	128	819	48	8	0	0	3	11	-	—			-					54Z 830
Tuckahoe	112	112	101	100	93	90	608	0	8	0	0	4	12	-		-		-		-			620
Integration Station (Reed)	0	0	0	0	0	0	000	0	78	0	0	0	78		_			_		_			78
ELEMENTARY TOTAL	2,803	2,768	2,690	2,641	2,577	2,557	16,036	560	335	323	112	17	1,347										17,383
MIDDLE SCHOOL	2,003	2,700	2,090	2,041	2,311	2,331	10,030	300	333	323	112	- 17	1,347	6	7	8	MID						17,505
Gunston														477	459	438	1.374						1.374
Hamm	-													305	282	276	863						863
Jefferson											-		 	484	469	453	1,406						1.406
Kenmore	1	 			_						 		-	395	384	379	1.158			_			1,460
Stratford Program	<u> </u>													2	2	9	13						13
Swanson	-										-		-	401	400	393	1,194						1.194
Williamsburg	+										1			293	283	277	853						853
H-B Woodlawn					_									79	81	82	242						242
MIDDLE TOTAL														2.436	2,360	2,307	7.103						7.103
HIGH SCHOOL														2,400	2,500	2,007	7,100	9	10	11	12	HIGH	7,100
Arlington Community																		4	16	29	42	91	91
Arlington Tech																		150	150	150	150	600	600
Langston 3		t —	\vdash		 	\vdash					\vdash	\vdash			_	\vdash		3	14	26	78	121	121
Stratford Program					_						-			<u> </u>	_			8	4	4	20	36	36
Strattord Program Wakefield	+	1	\vdash	1	 	 		_			\vdash	1	1	1	_	-		891	883	806	733	3,313	3,313
Washington-Liberty	+	1	\vdash			 					\vdash		_	-	-			684	725	700	570	2,679	2,679
Yorktown	+	1			-								 					604	602	619	582	2,679	2,679
H-B Woodlawn	+	1	\vdash			-			H		 				 			107	118	120	123	468	2,40 <i>1</i> 468
HIGH TOTAL																		2,451	2,512	2,454	2,298	9,715	9,715
HIGHTOTAL																		2,431	2,012	2,434	2,290	9,7 13	9,713
TOTAL	2,803	2,768	2,690	2,641	2,577	2,557	16,036	560	335	323	0	12	1,347	2,436	2,360	2,307	7,103	2,451	2,512	2,454	2,298	9,715	9,715
K-12 TOTAL	32,854																						
Career Center - FTE's 4	459																						
No. 10 April 19 Company of the Property of the Company of the Comp	60					 					 			 						Drolf 4	D Toto'		34,201
Reed (community services)	00	1					l				<u> </u>									PreK-1:	z rotai	L	34,201

Projections for Fleet do not include assumptions for the reassignment of students associated with Joint Base Meyer Henderson Hall (JBM-HH) and the Child Development Center (CDC). These students will be included in the Spring Update to the Fall 2019 School Year Projections.

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⁶ The Department of Teaching & Learning provided total "dual-enrolled" student estimates, but did not provide school-specific estimates.

Accuracy of Projections

Projection accuracy is defined as the measure of how close the projected enrollment is to the actual (true) value as reported in September 30 enrollment counts. As a rule, individual school and grade-level projections are subject to more variation than overall school system numbers. Enrollment estimates are more accurate projecting one year ahead than those projecting five and ten years ahead.

The "Review of Projection Methodologies for the Arlington County Government and Arlington Public Schools" prepared by Statistical Forecasting LLC and RLS Demographics suggests that for a fast-growing district such as APS, with many variables that contribute to changing enrollment, +/- 2 percent error rate is acceptable. Using this criterion, for a system with 10,000 students, an error rate of +/- 200 students would be acceptable in Year 1, +/- 400 students would be acceptable in Year 2, +/- 1,000 students would be acceptable in Year 5 and +/- 2,000 students would be acceptable in Year 10.

Projection Accuracy by Grade for Fall 2018

Grade Level	Projected Enrollment (Spring 2018)	Actual Enrollment (Fall 2018)	Difference from Projection	% Projection Accuracy
PreK	1,304	1,047	-257	80.3%
KG	2,280	2,293	13	100.6%
1	2,274	2,269	-5	99.8%
2	2,159	2,146	-13	99.4%
3	2,214	2,186	-28	98.7%
4	2,216	2,173	-43	98.1%
5	2,214	2,191	-23	99.0%
6	2,144	2,121	-23	98.9%
7	1,903	1,865	-38	98.0%
8	1,972	1,964	-8	99.6%
9	1,946	1,871	-75	96.1%
10	1,774	1,789	15	100.8%
11	1,819	1,739	-80	95.6%
12	1,803	1,782	-21	98.8%
PreK-12 Total	28,022	27,436	-586	97.9%
K-12 Total	26,718	26,389	-329	98.7%

APPENDIX

Housing Unit Forecast and Projected Student Yield 2018 - 2028

Forecast Year	Development Name	NET Units	Planning Unit	Projected Student Yield
2018	Pentagon Centre PDSP & Final Site Plan - Phase IB	440	48110	21.9
2018	4707 Columbia Pike	78	37033	45.6
2018	Columbia Hills	229	36020	132.7
2018	The Altaire	453	48110	39.4
2018	Gables N. Rolfe ST	374	24082	48.0
2018	Ballston Quarter Residential Building	406	46080	9.3
2018	1100 Block	12	13090	1.5
2018	672 FLATS	173	13070	8.0
2018	Key & Nash	63	24050	2.3
2019	Potomac Yard - Land Bay D - West (Brittany West)	331	48250	16.5
2019	Gilliam Place	173	37051	121.6
2019	Columbia Pike Village Center	365	37032	41.7
2019	Un-named	4	48171	0.8
2019	Un-named	23	48171	4.3
2020	Potomac Yard - Land Bay D-East (Brittany East)	360	48250	17.9
2020	Axumite Village	36	46010	8.7
2020	Honeysuckle Hills URD	3	16050	1.6
2020	S. Rhodes St.	402	48150	41.0
2021	The Berkeley	257	48960	130.3
2021	750 N. Glebe Road (Mazda Block)	483	13070	41.9
2021	1555 Wilson Blvd	892	24051	32.3
2022	Founder's Square - North Office/Residential	244	46093	22.6
2022	Clarendon West Site #1 - Building 1	247	23210	36.7
2022	2400 Columbia Pike	105	46131	10.5
2022	1801 N Quinn St	210	24051	53.6
2022	6711 Lee Highway (Sun Trust Site)	27	16020	7.3
2022	Crystal Houses III	252	48192	12.5
2022	Pentagon Centre PDSP & Final Site Plan - Phase IA	253	48110	12.6
2023	2515 Lee Hwy	22	23151	2.9
2023	Rosslyn Gateway PDSP (Phase 1 - Residential/Hotel Building)	133	24051	4.8
2023	2000 Clarendon Blvd	90	24081	3.3
2023	Metropolitan Park Six	577	48110	28.7
2023	11th and Vermont Residences South Block -TH	14	13090	1.8
2023	11th and Vermont Residences North Block	12	13090	1.5
2023	11th and Vermont Residences South Block -Garden	58	13090	8.6
2023	Un-named	92	36102	46.2
2023	Un-named	6	23210	1.0

2023	Un-named	225	48260	11.2
2024	4601-4607 Old Dominion Dr	12	23920	2.5
2024	Wakefield Manor	188	24082	23.7
2024	1401 Wilson Blvd - Phase 1 (Residential)	274	24051	9.9
2024	Ballston Station Ballston Central United Methodist Church	119	13090	10.3
2024	Un-named	2	16121	0.8
2024	Un-named	26	16121	6.9
2024	Un-named	39	48171	7.2
2024	Un-named	84	48173	15.1
2024	Un-named	343	24080	12.4
2024	Un-named	25	46102	2.5
2024	Un-named	418	48110	20.8
2025	4000 Fairfax Drive	330	23230	15.3
2025	New Century Center Residential	302	48260	15.0
2025	Red Cross/Trenton St. Residential	32	12080	38.6
2025	Red Cross/Trenton St. Residential	19	12080	3.7
2025	Un-named	6	23220	0.8
2025	Un-named	256	24051	9.3
2025	Un-named	36	37032	4.9
2025	Un-named	20	48170	3.7
2026	The Spire	237	13081	11.0
2026	Clarendon West Site Building 3	333	23210	10.0
2026	Cherrydale	181	23111	5.4
2026	Columbia Pike Plan	447	35100	38.0
2027	East falls church	527	16121	29.1
2027	Ames Building	671	24051	24.3
2027	Columbia Pike Plan	235	46022	23.6
2028	Virginia Square	312	23231	14.4
2028	BALLSTON 8	69	13090	3.2
2028	Crystal City Plan J1	519	48260	25.8
2028	Pentagon City PNC5	393	48110	19.6

Caveat:

Forecasted development has high potential, but not all proposed projects may be built.

Data Source:

Forecast Round 9.1: Produced by Arlington County, CPHD, Planning Division Fall 2017 and approved by MWCOG October 2018.

Student Generation Rates for 2019-20 School Boundaries by School and Housing Type

				Mult	i-family Elev	ator	Mult	ti-family Gar	den	Cor	ndo	
Elementary School Level (K-5) ¹	Single Family Detached	Townhome	Duplex	Market Rate	Mixed Income	CAF Only	Market Rate	Mixed Income	CAF Only	Elevator	Garden	Total by School
Abingdon	0.273	0.154	0.245	0.093	0.067	(-)	0.016	-	0.244	0.027	0.082	0.110
Arlington Science Focus	0.211	0.148	0.044	0.020	0.075	0.100	0.050	0.000	0.239	0.024	0.018	0.047
Ashlawn	0.258	0.066	0.056	0.029	0.026	0.411	0.030	0.536	-	0.017	0.022	0.067
Barcroft	0.216	0.051	0.000	0.055	-	0.459	0.329	-	0.360	0.075	0.105	0.183
Barrett	0.233	0.132		0.024	0.130		0.160	0.245	0.432	0.007	0.026	0.146
Carlin Springs	0.162	0.096	0.327		0.299	0.291	0.544		0.467	0.173	0.134	0.281
Discovery	0.281	0.077	0.111	(4)		A#**		-	-	-	-	0.272
Drew	0.239	0.100	0.211	0.049	0.056	0.472	0.318	-	0.405	0.281	0.057	0.130
Glebe	0.245	0.101	0.109	0.103	-	-	0.161	-	0.429	0.010	0.070	0.183
Alice West Fleet	0.229	0.124	0.196	0.080	- <u>-</u> -	•	0.099	-	0.054	0.073	0.035	0.129
Hoffman-Boston	0.150	0.154	0.250	0.032	0.041	(-)	0.112	-	0.273	0.016	0.054	0.043
Jamestown	0.237	0.068	-	· •		-	12	2 1	-			0.232
Long Branch	0.188	0.023	0.055	0.006	0.029	0.287	0.055	0.121	0.153	0.071	0.029	0.103
McKinley	0.286	0.120	0.133	•	-	-	0.082	-	0.135	-		0.244
Nottingham	0.324	0.064		. 4	120	-	0.205	-	-	2	0.059	0.307
Oakridge	0.170	0.094	0.127	0.029	7	`, .	0.110	0.120	0.307	0.025	0.053	0.086
Randolph	0.165	0.129	0.500	0.016	-		0.187	0.331	0.475	-	-	0.185
Taylor	0.233	0.095	0.048	0.013	0.078	-	0.035	-	0.202	0.025	0.035	0.141
Tuckahoe	0.251	0.157	0.220	· ·	0.042	-	0.121	-	-	0.039	0.039	0.202
Total	0.241	0.107	0.173	0.036	0.064	0.337	0.129	0.183	0.287	0.030	0.062	0.115

				Mult	i-family Elev	ator	Mult	ti-family Gar	den	Cor	ndo	
Middle School Level (6-8) ¹	Single Family Detached	Townhome	Duplex	Market Rate	Mixed Income	CAF Only	Market Rate	Mixed Income	CAF Only	Elevator	Garden	Total by School
Gunston	0.099	0.041	0.088	0.010	0.021	0.028	0.040	0.032	0.183	0.007	0.023	0.030
Jefferson	0.098	0.051	0.069	0.020	0.017	0.102	0.052	0.075	0.126	0.002	0.024	0.056
Kenmore	0.104	0.063	0.167	0.041	0.087	0.168	0.167	0.209	0.151	0.041	0.065	0.095
Stratford	0.118	0.041	0.004	0.009	0.024	0.080	0.022	0.014	0.086	0.007	0.006	0.031
Swanson	0.131	0.028	0.051	0.010	0.014	0.144	0.042	0.117	0.135	0.005	0.019	0.054
Williamsburg	0.136	0.058	0.060	. 227	0.028	2	0.030	-	2	0.031	0.018	0.124
Total	0.118	0.042	0.084	0.012	0.027	0.137	0.053	0.073	0.136	0.010	0.023	0.052

	Mult	i-family Elev	rator	Mult	ti-family Gar	den	Cor	ndo	1			
High School Level (9-12)	Single Family Detached	Townhome	Duplex	Market Rate	Mixed Income	CAF Only	Market Rate	Mixed Income	CAF Only	Elevator	Garden	Total by School
Wakefield	0.119	0.049	0.105	0.018	0.025	0.000	0.089	0.075	0.184	0.021	0.026	0.051
Washington-Lee	0.131	0.034	0.115	0.008	0.047	0.185	0.076	0.157	0.210	0.013	0.033	0.064
Yorktown	0.152	0.055	0.030	0.007	0.027	0.063	0.045	0.206	0.102	0.009	0.013	0.074
Total	0.138	0.045	0.101	0.013	0.035	0.142	0.076	0.124	0.161	0.013	0.025	0.062

			Mult	ti-family Elev	/ator	Multi-family Garden Condo			ndo			
K-12	Single Family Detached	Townhome	Duplex	Market Rate	Mixed Income	CAF Only	Market Rate	Mixed Income	CAF Only	Elevator	Garden	Total by School
Total	0.497	0.194	0.358	0.061	0.126	0.617	0.258	0.380	0.584	0.054	0.110	0.229

 $^{^{1}}$ Rates reflect the updated elementary and middle school boundaries which take effect in the 2019-20 school year .

Note:

- A dash "-" is used when a particular housing type with residing students is not present in an individual school attendance boundary.
- Some students were not geocoded for reasons such as (i) they are children of employees who live outside Arlington County, (ii) they reside on Joint Base Myer-Henderson Hall (federal jurisdiction), or (iii) they are homeless or in foster care outside Arlington County, or live at a shelter.

Source:

Rates are based on September 30, 2018 APS Enrollments (Grades K-12) and July 1, 2018 Master Housing Unit Database (MHUD) from Arlington County Government, CPHD, Planning Division.

Alternative Projection Scenarios

PreK-12 enrollment projections almost always differ from the actual number of students enrolled for a given point in time due to changes in social, economic, housing, and demographic trends, as well as the many inherent assumptions in the model.

Recommendation #2 from the Statistical Forecasting LLC, was to eliminate the 7 Alternative Projection Scenarios in the APS Annual Report and instead construct Low/Medium/High Projections that modify variables with greatest variability (B-K ratios, housing pipeline, fertility rates to compute long-term births, etc.). In adherence to the recommendation, low, medium and high projection scenarios are provided in the graphs below to denote the uncertainty involved in making projections.

The alternative projection scenarios include:

- Low Projection Assumes low births and low absorption of future housing units.
- Medium Projection Assumes moderate births and moderate absorption of future housing units.
- High Projection Assumes high births and high absorption of future housing units.

Absorption rate is defined as the expediency at which the market will absorb/occupy the forecasted of residential projects in the housing pipeline. Low absorption assumes it will take a longer time for residential projects to be constructed and occupied. Conversely, high absorption assumes a shorter period for residential projects to be constructed and occupied.

The low/high alternatives are not statistical confidence limits, but instead represent judgments made by Planning Staff as to reasonable upper and lower bounds.

Low Projection

School Year	Sept. 30	% Change	Net Change
2019	28,495	3.9%	1059
2020	29,262	2.7%	767
2021	29,993	2.5%	731
2022	30,709	2.4%	716
2023	31,319	2.0%	610
2024	31,969	2.1%	650
2025	32,399	1.3%	430
2026	32,849	1.4%	450
2027	33,318	1.4%	469
2028	33,827	1.5%	509

Medium Projection

School Year	Sept. 30	% Change	Net Change
2019	28,495	3.9%	1059
2020	29,262	2.7%	767
2021	30,018	2.6%	756
2022	30,769	2.5%	751
2023	31,394	2.0%	625
2024	32,111	2.3%	717
2025	32,628	1.6%	517
2026	33,126	1.5%	498
2027	33,639	1.5%	513
2028	34,201	1.7%	562

High Projection

School Year	Sept. 30	% Change	Net Change
2019	28,495	3.9%	1,059
2020	29,322	2.9%	827
2021	30,090	2.6%	768
2022	30,799	2.4%	709
2023	31,444	2.1%	645
2024	32,182	2.3%	738
2025	32,706	1.6%	524
2026	33,208	1.5%	502
2027	33,764	1.7%	556
2028	34,381	1.8%	617

Projection Accuracy by School for Fall 2018

Table 3.

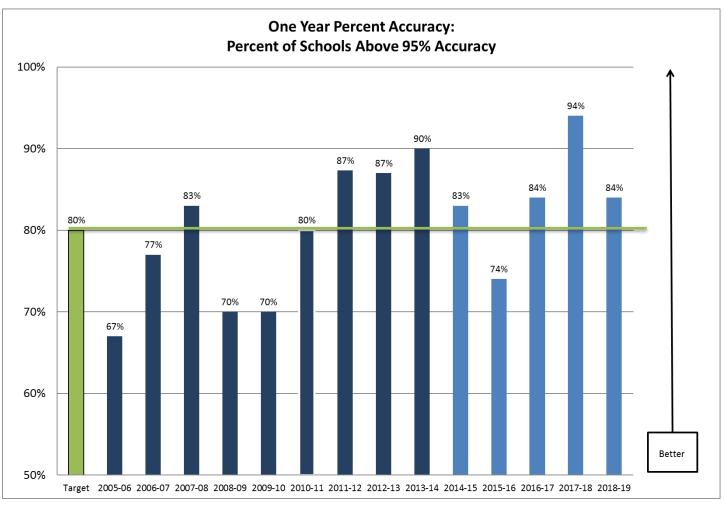
Pre-K to 12 Projected Enrollment, September Memberhsip and and Prior Year Comparisons
October 3, 2018

			2018		30	017	
	2018 Projected		Difference		20	Difference	Percent
School	Enrollment	Sep. 30, 2018	from	% of	Sept. 30, 2017	Between 2017	Change 2017
	(Spring Update)	Membership	Projection	Projection	Membership	and 2018	to 2018
Abingdon	688	685	-3	99.6%	662	23	3.5%
Arl. Science Focus	712	683	-29	95.9%	684	-1	-0.1%
Arlington Traditional	572	562	-10	98.3%	540	22	4.1%
Ashlawn	712	779	67	109.4%	696	83	11.9%
Barcroft	436	438	2	100.5%	434	4	0.9%
Barrett	538	560	22	104.1%	543	17	3.1%
Campbell	458	443	-15	96.7%	428	15	3.5%
Carlin Springs	613	624	11	101.8%	618	6	1.0%
Claremont	780	750	-30	96.2%	745	5	0.7%
Discovery	610	594	-16	97.4%	622	-28	-4.5%
Drew	748	679	-69	90.8%	697	-18	-2.6%
Glebe	617	595	-22	96.4%	629	-34	-5.4%
Hoffman-Boston	546	541	-5	99.1%	527	14	2.7%
Jamestown	611	602	-9	98.5%	610	-8	-1.3%
Key	812	726	-86	89.4%	745	-19	-2.6%
Long Branch	626	592	-34	94.6%	592	0	0.0%
McKinley	776	798	22	102.8%	804	-6	-0.7%
Nottingham	529	503	-26	95.1%	527	-24	-4.6%
Oakridge	816	797	-19	97.7%	806	-9	-1.1%
Patrick Henry	693	642	-51	92.6%	665	-23	-3.5%
Randolph	485	458	-27	94.4%	470	-12	-2.6%
Reed	91	47	-44	51.6%	51	-4	-7.8%
Taylor	666	671	5	100.8%	682	-11	-1.6%
Tuckahoe	526	536	10	101.9%	538	-2	-0.4%
Total Elementary	14,661	14,305	-356	97.6%	14,315	-10	-0.1%
Gunston	1,070	1,025	-45	95.8%	987	38	3.9%
H-B Woodlawn	249	244	-5	98.0%	249	-5	-2.0%
Jefferson	1,132	1,138	6	100.5%	1,047	91	8.7%
Kenmore	942	957	15	101.6%	913	44	4.8%
Stratford Program	13	13	0	100.0%	19	-6	-31.6%
Swanson	1,260	1,251	-9	99.3%	1,223	28	2.3%
Williamsburg	1,353	1,322	-31	97.7%	1,252	70	5.6%
Total Middle	6,019	5,950	-69	98.9%	5,690	260	4.6%
Arlington Community*	100	91	-9	91.0%	100	-9	-9.0%
Arlington Tech H-B Woodlawn	236 466	196 454	-40 -12	83.1%	113 439	83 15	73.5% 3.4%
H-B Woodlawn Langston *	104	454 121	-12 17	97.4% 116.3%	104	15	16.3%
Stratford Program	104	36	-1	97.3%	33	3	9.1%
Strattord Program Wakefield	2,104	2.059	-1 -45	97.3%	2.010	49	2.4%
Washington-Lee	2,104	2,039	-45	98.0%	2,207	19	0.9%
Yorktown	2,2/2	1,998	-40	98.8%	1,930	68	3.5%
Total High	7,342	7,181	-25	98.8%	6,936	245	3.5%
Grand Total**	28.022	27,436	-161	97.8%	26,941	495	1.8%
Grand Total	20,022	27,430	-300	37.376	20,941	493	1.076

^{*} These totals do not include special education or limited English proficient students age 22 and above or other students age 20 and above (adult students).

Color codes % of Projections Below projections Above projections Within 4/-5 percentage points of projection

Historical Projection Precision 2005 – 2018



Note:

A +/- 5 percent annual range of error is an accepted standard for individual school projections one year prior. Each year APS targets that 80% of schools have a 95% enrollment projection accuracy or better. Figures rounded to the nearest whole number. School programs are not included in the calculation.

Projection Precision

Projection precision is defined as the measure of how close each school's accuracy values are to each other. APS targets that 80% of schools have a 95% enrollment projection accuracy or better. Analysis of the Fall 2018 enrollment projections reveal that 84% of all Arlington public schools were 95% accurate or better. This is 4% above the 80% annual target. Please note that boundary changes (i.e., 2015 elementary, 2017 high school) and changes to the options and transfer policy (2018) can impact the accuracy of school level projections as these events disrupt historical enrollment patterns. Each year APS reviews and refines the projection model to produce the most accurate and precise student enrollment projections possible.

Five-Year Projection Accuracy

The projection accuracy chart below reveals that five years ago, the enrollment projection for the 2018-19 School Year was 27,722 students. This year, five years later, the official count on September 30, 2018, was 27,436; a difference of 286 students or 1.04% from projection. In summary, the projection 5-years prior proved to be 98.9% accurate.

Since 2008-09, enrollment projections five years into the future have varied from the actual enrollment by an average of about 8 percent (see chart below), which meets the acceptable standard of 10 percent error for a five- year forecast. Most importantly, the last column in the chart below shows that the 5-year error rate continues to drop from a high of 20% in 2010 down to 1% starting in 2016.

Longitudinal Analysis of Projection Accuracy

School	Official Count	Historical Enrollment Projections													
Year	on September	One Year	Before (Fall P	rojection)	Two Years Before (Fall Projection)			Four Years	Before (Fall I	Fall Projection) Five Years Before (Fall Projection)		Projection)			
	30th	Projection	Accuracy %	Error %	Projection	Accuracy %	Error %	Projection	Accuracy %	Error %	Projection	Accuracy %	Error %		
2005-06	18,411	18,237	99.05%	-0.95%	18,817	102.21%	2.21%	DNA	DNA	DNA	DNA	DNA	DNA		
2006-07	18,451	18,231	98.81%	-1.19%	17,897	97.00%	-3.00%	DNA	DNA	DNA	DNA	DNA	DNA		
2007-08	18,684	18,380	98.37%	-1.63%	17,906	95.84%	-4.16%	18,479	98.90%	-1.10%	DNA	DNA	DNA		
2008-09	19,534	18,868	96.59%	-3.41%	18,268	93.52%	-6.48%	17,259	88.35%	-11.65%	18,326	93.82%	-6.18%		
2009-10	20,233	20,084	99.26%	-0.74%	19,029	94.05%	-5.95%	17,301	85.51%	-14.49%	16,945	83.75%	-16.25%		
2010-11	21,241	20,933	98.55%	-1.45%	20,650	97.22%	-2.78%	18,324	86.27%	-13.73%	17,002	80.04%	-19.96%		
2011-12	21,841	22,201	101.65%	1.65%	21,657	99.16%	-0.84%	19,318	88.45%	-11.55%	18,358	84.05%	-15.95%		
2012-13	22,613	22,681	100.30%	0.30%	23,051	101.94%	1.94%	21,859	96.67%	-3.33%	19,464	86.07%	-13.93%		
2013-14	23,316	23,586	101.16%	1.16%	23,591	101.18%	1.18%	23,074	98.96%	-1.04%	22,485	96.44%	-3.56%		
2014-15	24,529	24,153	98.47%	-1.53%	24,402	99.48%	-0.52%	25,006	101.94%	1.94%	23,838	97.18%	-2.82%		
2015-16	25,238	25,649	101.63%	1.63%	24,946	98.84%	-1.16%	25,213	99.90%	-0.10%	25,867	102.49%	2.49%		
2016-17	26,152	26,366	100.82%	0.82%	26,568	101.59%	1.59%	26,143	99.97%	-0.03%	26,069	99.68%	-0.32%		
2017-18	26,941	27,197	100.95%	0.95%	27,331	101.45%	1.45%	26,656	98.94%	-1.06%	26,947	100.02%	0.02%		
2018-19	27,436	28,020	102.13%	2.13%	28,076	102.33%	2.33%	27,476	100.15%	0.15%	27,722	101.04%	1.04%		
Mean Absolu	ite Percentage Err	or		1.39%			2.54%			5.01%			7.50%		

NOTES:

- 1. "DNA" = Projection data not available.
- 2. Accuracy above 100 percent indicates the projection is over-forecast, conversely an accuracy less than 100 percent indicates an under-forecast of the September 30th official count.
- 3. A positive (+) error percentage indicates an over-forecast, conversely a negative (-) error percentage indicates an under-forecast of the September 30th official count.
- 4. A +/- 2 percent annual range of error is an accepted standard for fast growing school districts like Arlington Public Schools.

All Arlington Public Schools (APS) budget and operations decisions are based on the best information available at the time. Staff and community members are reminded that funding forecasts from Arlington County and the state may change, based on many external factors. Similarly, student enrollment and projections are based on the best available information, but are also subject to change due to employment, housing and other economic factors. For these reasons, APS and the Arlington School Board may adjust future budget allocations, staffing and other operations decisions to reflect the existing community and operating landscape.

Glossary of Terms

Birth to Kindergarten Capture Rate:

A birth to kindergarten capture rate is used to convert resident live birth totals into future kindergarteners expected to enroll at APS five years later.

Cohort:

A group of students having a statistical factor (such as the same grade or school level) in common.

Cohort transition ratio:

This uses historic enrollment data to identify trends (of growth or loss) over time. A cohort transition ratio greater than 1.0 indicates the percentage of cohort growth, and a value less than 1.0 indicates the percentage of cohort loss enrollment. The cohort transition rate is impacted by such factors as students moving in or out of a neighborhood or the County, APS student transfers, and other external forces affecting migration.

Estimate: calculations of past or present conditions, utilizing counts and known statistics

Projection: measures future growth by extrapolating current trends and applying statistical technique

Resident Live Births:

The Virginia Department of Health provided historical birth information through calendar year 2016. The Arlington County Department of Community Planning, Housing and Development provides APS with resident live birth projections from calendar years 2017 through 2028. The resident live birth information received from these sources was used to estimate future kindergarten cohorts entering APS during the 10-year projection timeframe.

Student Yield:

The expected number of K-12 students who are anticipated to reside in newly-constructed housing once the units are built.





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