

Arlington Public Schools Fall 2023 10-Year, K-12 Enrollment Projections Report

January 2024

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Attachments:

- Attachment A: Fall 2023 10-Year Enrollment Projections, Fall 2024 through Fall 2033
- Attachment B: Fall 2023 Housing Unit Forecast and Projected Student Yield
- Attachment C: Fall 2022 Student Generation Rates
- Attachment D: Background on Projections
- Attachment E: Projections Accuracy, Fall 2017 to Fall 2023
- Attachment F: Timeline for Projections, Budget, and Staffing

Executive Summary

Every fall, Arlington Public Schools (APS) publishes the 10-year enrollment projections that are used for planning purposes:

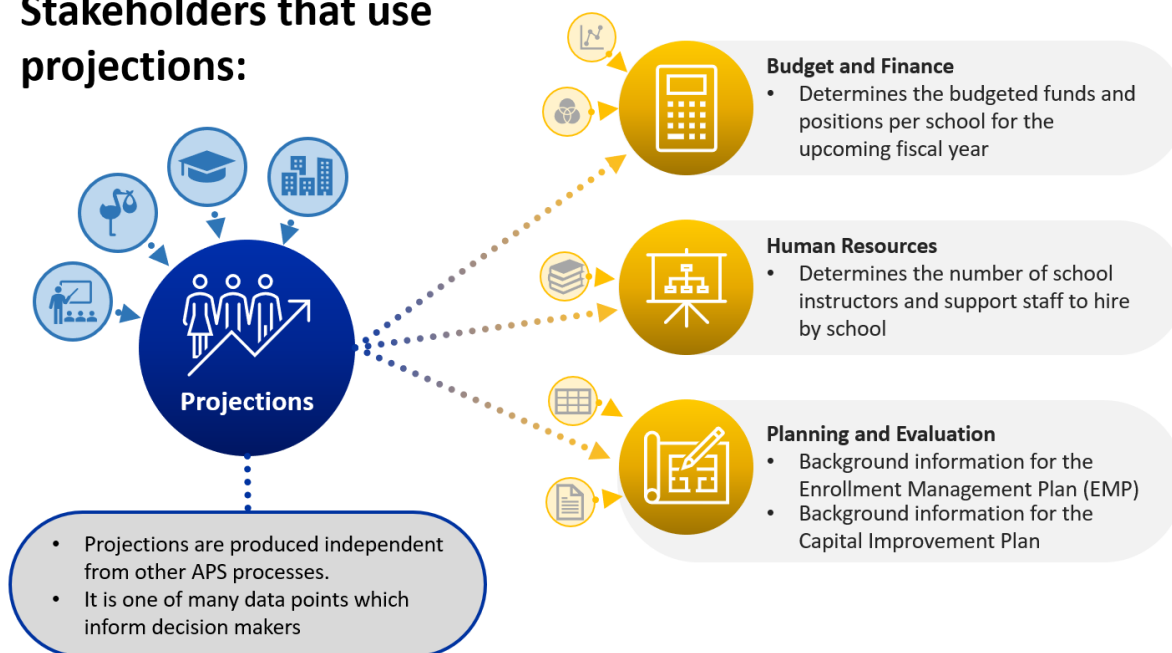
- In the short term, the projections help inform needs such as budgeting and staffing for the next fiscal year.
- In the long term, the projections are used in planning processes such as the biennial Capital Improvement Plan (CIP).

The Fall 2023 10-year projections will be used for budgeting and staffing for [Fiscal Year \(FY\) 2025](#), as well as for developing the [Enrollment Management Plan \(EMP\)](#) to manage expected enrollment in the 2024-25 school year.

The enrollment projections are produced independently from other APS processes, such as policy decisions around adjustments to attendance zones or how to use school facilities. Various stakeholders, as illustrated by the below infographic, use enrollment projections as one of many pieces of information to inform decision making around allocating resources and determining how school facilities might be used in the long-term.

Graphic 1. APS Stakeholders that use enrollment projections in decision-making

Stakeholders that use projections:



Each fall 10-year enrollment projections process incorporates updated trend information and underlying data. For the fall 2023 projections round, one notable data update was the births forecast. The latest birth forecast, provided yearly by Arlington County Government, this year has a different long-term trend trajectory. Last year, the births forecast declined over time, whereas the latest birth forecast increases in its outer years, illustrated by Chart 6 of the “Assumptions and Methodology” section of this report. This, as well as other factors, affected the long-term outlook to enrollment projections this year which expects growth in the outer years to be positive.

The latest K-12 enrollment projections anticipate that enrollment will grow in the near-term by 1.6%

from 2023 to 2028, when budgeted PreK-12¹ allocations are included then PreK-12 growth in this period is anticipated to be about 2.7%. When taking a long-term view on projections, projected K-12 enrollment is expected to increase by 4.1% in the 2023 to 2033 timeframe, when budgeted PreK allocations are included then PreK-12 growth could be about 5.1%. More in-depth analysis of projected trends can be found in the “Key Findings” section of this report. With a 10-year projections time horizon, uncertainty increases as the projections extend further out, more information on this topic can be found in the “Using the Projections” section.

The fall 2023 projections continues updates made last year, such as the disaggregation of projections at neighborhood schools that include county-wide option programs. This approach applies to Gunston Middle School and Washington-Liberty and Wakefield High Schools. At these schools, the enrollment projections are the sum of projections for the county-wide option program enrollment and attendance area enrollment.

The fall 2023 projections also includes some new processes:

- The fall 2023 projections use the student generation rates developed last year, in fall 2022. The student generation rates will be updated in spring 2024 and will include Sept. 30, 2023 enrollment and a housing snapshot from 2023. The updated student generation rates will be used in next year’s fall 2024 projections.
- In spring 2024, research will be undertaken to compare how many students were expected to reside in multi-family projects previously forecasted for completion in fall 2022, 2023, and spring 2024 and how many students actually live in the new buildings. Based on these findings, there might be changes on how student generation rates are applied.

In Spring 2024, APS will publish the 2024 Enrollment Management Plan (EMP). Using the Fall Projections, Planning and Evaluation works with school leaders and several Central office departments to determine how to prepare schools to manage projected enrollment for the next school year. The Spring Update to Projections will reallocate students among schools to reflect the strategies identified in the EMP to manage next school year’s enrollment. A draft infographic on the timing of this process and how it affects staffing and the APS budget is included in Attachment F, “Draft Projections, Staffing, and Budget Timeline.”

Please note that all APS budget and operations decisions are based on the best information available at the time of publication. 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 most recent enrollment snapshot, and are subject to change due to employment, housing, and other economic factors.

Preparing this Report

The “Fall 2023 10-Year Enrollment Projections Report” was produced by Planning and Evaluation, based on the following:

- Student enrollment on Sept. 30, 2023
- Methods validated by the 2015 Community Facilities Study and improved upon in consultation with the external consulting firm

¹ Projections are produced for Grades K to 12. PreK enrollment for 2024 to 2033 is not part of the enrollment projections process. PreK represents the maximum number of budgeted PreK seats. It is added to the K-12 projections to provide the reader with a holistic PreK-12 view on future enrollment trends.

- Data cooperation with Arlington County Government (ACG) to align enrollment projections to the county's population forecast. Data shared include:
 - Approved and potential housing developments expected over the next 10 years
 - Outstanding housing building permits as of Fall 2023
 - Historical births by Arlington County parents from 2019 to 2022
 - Forecast of births from 2023² to 2028

The County and APS collaborate closely on data sharing to produce the enrollment projections. For background on how APS has worked with the County, the community, and consultants to evaluate County and APS methodologies and develop recommendations for the projections process, please see Attachment D of this report.

Note that PreK enrollment is not produced using the same methodology as the projections for K-12 enrollment. PreK represents the number of budgeted PreK classrooms (using the maximum number of seats) determined by the Office of Chief Academic Officer. PreK is estimated only for one year (Fall 2024) and this figure is held constant throughout the projection years.

² Actual recorded births for 2023 will not be published until Summer 2024.

Key Findings

The updated 10-year projections anticipate that enrollment will grow in the short-term and the long-term.

The enrollment projections described in this document are for grades K-12. The budgeted PreK allocations provided by the Office of Chief Academic Officer are added to the K-12 enrollment projections to attain a comprehensive view of future enrollment for PreK to Grade 12.

Table 1. September 30, 2023 Enrollment; K-12 Projections for Fall 2024, 2028 and 2033; and Budgeted PreK for reference only

School Level	Sept. 30, 2023	Projections		
		Fall 2024	Fall 2028	Fall 2033
Elementary	12,485	12,547	12,295	12,790
Middle	5,875	6,018	6,093	6,089
High	8,173	8,299	8,573	8,751
<i>Sub Total (K-12)</i>	<i>26,533</i>	<i>26,864</i>	<i>26,961</i>	<i>27,630</i>
PreK *	919	1,235	1,235	1,235
<i>Total (PreK-12)</i>	<i>27,452</i>	<i>28,099</i>	<i>28,196</i>	<i>28,865</i>

School Level	Change ('23 to '24)	% Change	Change ('23 to '28)	% Change	Change ('23 to '33)	% Change
Elementary	62	0.5%	-190	-1.5%	305	2.4%
Middle	143	2.4%	218	3.7%	214	3.6%
High	126	1.5%	400	4.9%	578	7.1%
<i>Sub Total (K-12)</i>	<i>331</i>	<i>1.2%</i>	<i>428</i>	<i>1.6%</i>	<i>1,097</i>	<i>4.1%</i>
PreK *	316	34.4%	316	34.4%	316	34.4%
<i>Total (PreK-12)</i>	<i>647</i>	<i>2.4%</i>	<i>744</i>	<i>2.7%</i>	<i>1,413</i>	<i>5.1%</i>

* PreK enrollment for 2024 to 2033 is not part of the enrollment projections process described in this document. It represents budgeted PreK classrooms (using the maximum number of seats) for the 2024-25 school year from the Office of Chief Academic Officer for budget and staffing purposes.

Projected Short-Term Growth, Fall 2023 through Fall 2024

- When comparing Sept. 30, 2023, K-12 enrollment with Fall 2024 projections, APS is expected to experience overall K to Grade 12 enrollment growth of around 1.2%, see Table 1.
- When budgeted PreK for 2024 is factored with the K-12 projections, then PreK-12 growth between 2023 and 2024 is a greater 2.4%
- In this one-year period, it is projected that at the K-12 level the most pronounced growth will be experienced at the middle school level with 2.4% year-over-year growth.

Projected Near-Term Growth, Fall 2023 through Fall 2028

- When comparing Sept. 30, 2023, K-12 enrollment with Fall 2028 projections, APS is expected to experience overall K to Grade 12 enrollment growth of around 1.6%.
- When budgeted PreK for 2024 is factored with the K-12 projections for 2033, then PreK-12 growth between 2023 and 2028 is a greater 2.7%
- In this five-year period, it is projected that at the K-12 level the most pronounced growth will be experienced at the high school level with an almost 5% growth. In the meantime, elementary K-5 enrollment is projected to decline by -1.5% in this five-year period.

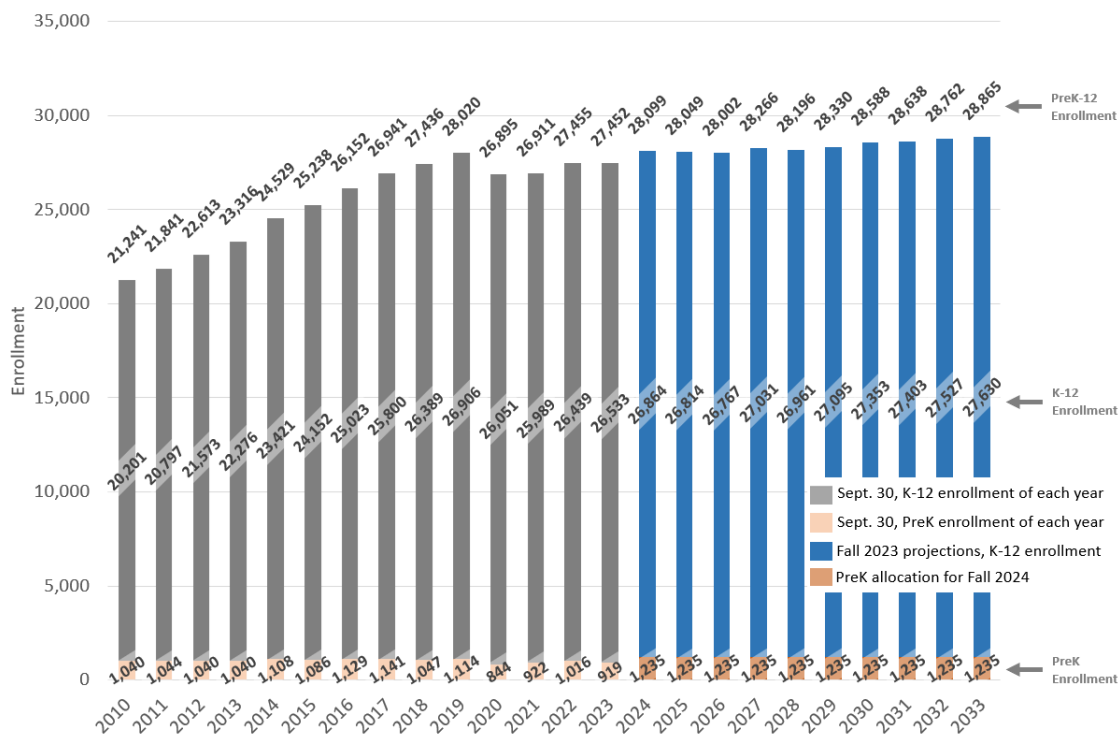
Projected Long-Term Growth, Fall 2023 through Fall 2033

- When comparing Sept. 30, 2023, K-12 enrollment with Fall 2033 projections, APS is expected to experience overall K to Grade 12 enrollment growth of around 4.1% in the next ten years.
- When budgeted PreK for 2024 is factored with the K-12 projections for 2033, then PreK-12 growth between 2023 and 2033 is a greater 5.1%
- In this ten-year period, it is projected that at the K-12 level the most pronounced growth will be experienced at the high school level with an almost 7% growth.
- The long-term trend in the fall 2023 projections are different than last year's projections. Some of this difference is attributable to a change in the long-term birth forecast. More on this topic can be found in the *Forecast of Births* topic (including Chart 6) of the "Assumptions and Methodology" section of this report.
- The long-term projections must be used with caution, more information on this topic can be found in the "Using the Projections" section and Graphic 1 of this report.

From Fall 2023 to 2032, it is anticipated that the projected K-12 enrollment will exceed 2019, K-12 levels until 2027. By 2033, it is anticipated that K-12 enrollment will be over 700 students higher than in 2019, see Chart 1.

When budgeted PreK allocations from the Office of Chief Academic Officer of 1,235 students are factored and added to K-12 projections, then 2019, PreK-12 enrollment will be exceeded by 2024. Please note that actual PreK enrollment usually is under budgeted PreK allocations. For example, budgeted PreK had been allocated at 1,221 for fall 2023, but actual PreK enrollment as of September 30, 2023 was actually 919 PreK students and 978 PreK students as of November 30, 2023.

Chart 1. PreK to Grade 12 Historic Enrollment for Sept. 30 of 2010 to 2022 and Projected Enrollment for Fall 2023 to 2032

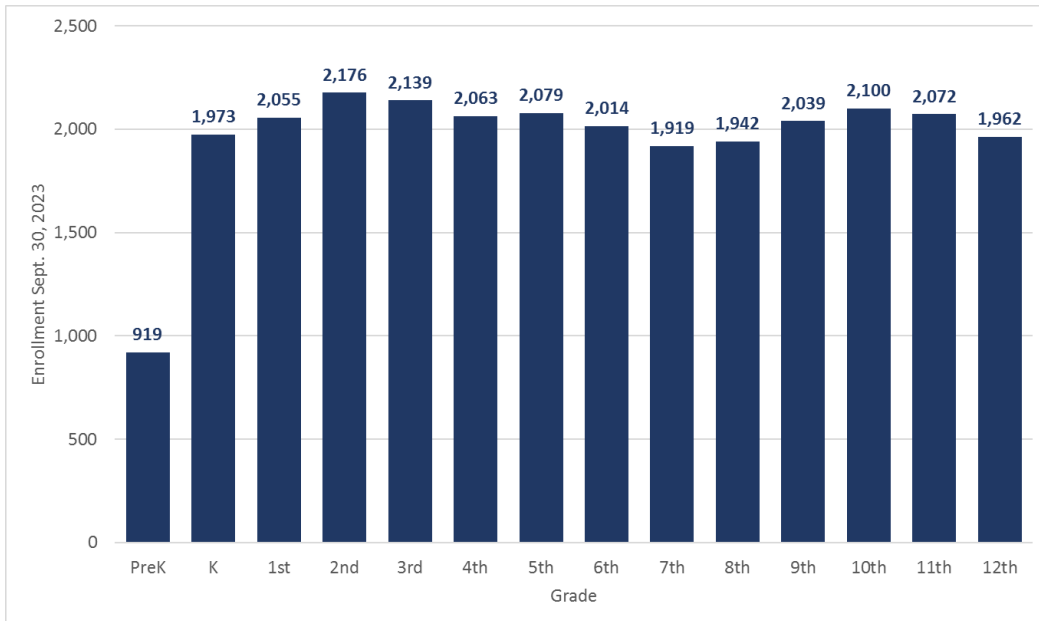


Note: PreK estimates for the 2024-25 school year (held constant for 2024 to 2033) are from the Office of Chief Academic Officer.

Current Enrollment Conditions

Student enrollment in Grades PreK to 12 for the 2023-24 school year was 27,452 students. Enrollment projections use K-12 enrollment, which was 26,533 students for the 2023-24 school year. The official enrollment is defined as the number of students registered in APS on September 30 of each school year. Chart 2 (below) shows a detailed breakdown of student enrollment for each grade level (i.e. cohort) for the 2023-24 school year.

Chart 2. APS Student Enrollment by Grade (September 30, 2022)



Source: September Monthly Enrollment Report for School Year 2023.

Note

Projections are produced only for K-12 enrollment. The number of students enrolled in the PreK cohort, each year, is based on budgeted PreK classrooms (using the maximum number of seats) as determined by the office of the Chief Academics Officer.

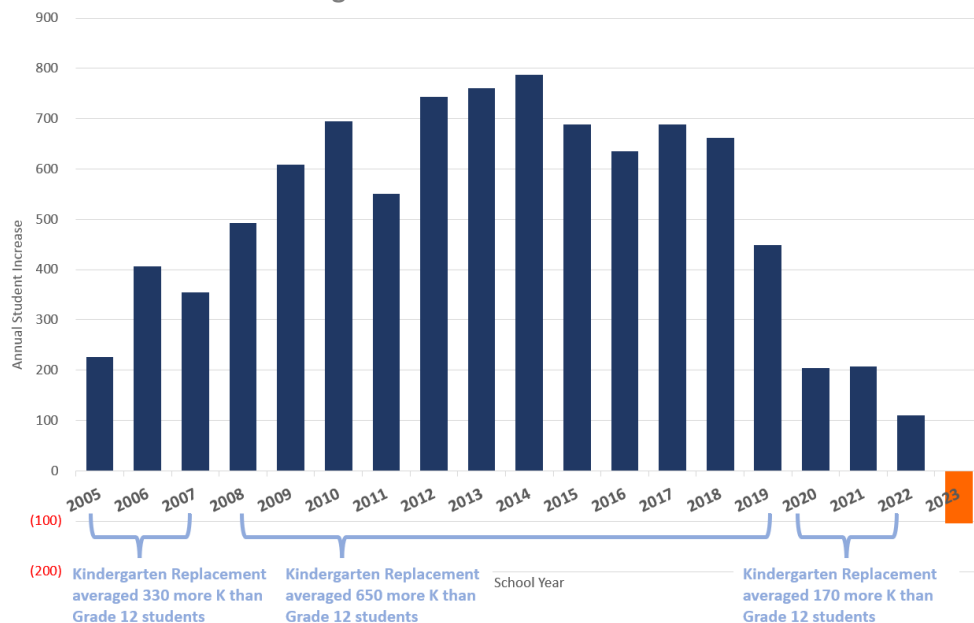
Enrollment Trends

An approach to make sense of enrollment growth is to look at trends in the difference between the numbers of incoming kindergarteners and the previous year's Grade 12 cohort. This type of comparison is also called Kindergarten Replacement. Table 2, looks at this comparison, shows a slowdown in this measure of annual student increase between 2005 to 2023, where the excess number of incoming K students over Grade 12 students is falling over time,.

Table 2. APS Kindergarten Replacement Trends (School Year 2005 to 2023)

School Year	Entering Kindergarten Cohort	Exiting Grade 12 Cohort (1-Year Prior)	Kindergarten Replacement
2005	1,501	1,275	226
2006	1,627	1,221	406
2007	1,610	1,255	355
2008	1,697	1,205	492
2009	1,924	1,316	608
2010	2,003	1,308	695
2011	1,968	1,418	550
2012	2,179	1,436	743
2013	2,139	1,379	760
2014	2,196	1,408	788
2015	2,152	1,463	689
2016	2,127	1,492	635
2017	2,253	1,565	688
2018	2,293	1,631	662
2019	2,231	1,782	449
2020	1,966	1,762	204
2021	1,998	1,791	207
2022	2,006	1,896	110
2023	1,973	2,077	(104)

Chart 3, below, uses Table 2's Kindergarten Replacement to show trends in this indicator of enrollment change

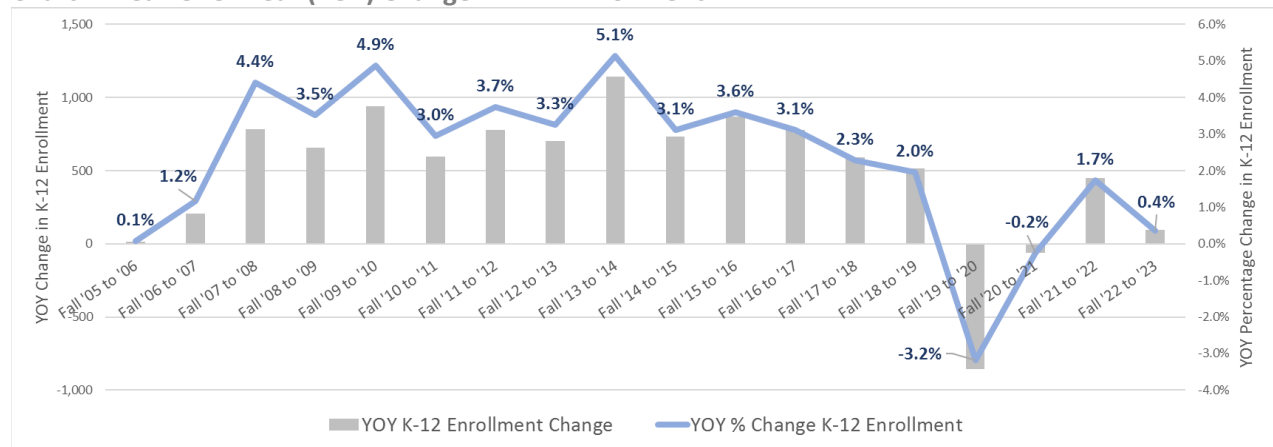


Each bar on Chart 3, prior page, shows the Kindergarten Replacement for each school year from Table 2; see the right-most column of Table 2. The chart shows that from 2005 to 2007 the Kindergarten Replacement averaged about 330 students per year. From 2008 to 2019, the average Kindergarten Replacement was about 650 students per year. With the onset of the COVID Pandemic in 2020 through 2022, that average fell to about 170 students per year. More recently, as of September 30, 2022, the Kindergarten Replacement was negative at -104 (or there were 104 more Grade 12 students in fall 2022 than incoming kindergarten students in fall 2023). If this measure continues to be negative it could suggest future enrollment declines as successive Grade 12 students are replaced by smaller incoming cohorts.

It remains to be seen if Kindergarten Replacement measures will recover to pre-pandemic levels in the near future. In the meantime, APS will be monitoring these figures annually.

Another approach for studying enrollment change over time is to look at absolute and percent change over time. Chart 4, next page, shows Sept. 30th Year-Over-Year (YOY) K-12 enrollment change since Fall 2005. The grey bars represent absolute change YOY and the blue line represents YOY percent change in K-12 enrollment. Since the Fall 2013 to 2014 period, enrollment growth, while positive, started decelerating—so much so, that by the Fall 2018 to 2019 period K-12 enrollment change was hovering close to 2%. After this period the impacts to the COVID pandemic can be seen in two consecutive periods of YOY enrollment declines in the Fall 2019 to 2020 and Fall 2020 to 2021 periods. After, K-12 enrollment has rebounded with enrollment growth of 1.7% from Fall 2021 to 2022. More recently, enrollment growth was flat between Fall 2022 to 2023 with growth of 0.4%.

Chart 4. Year-Over-Year (YOY) Change in K-12 Enrollment

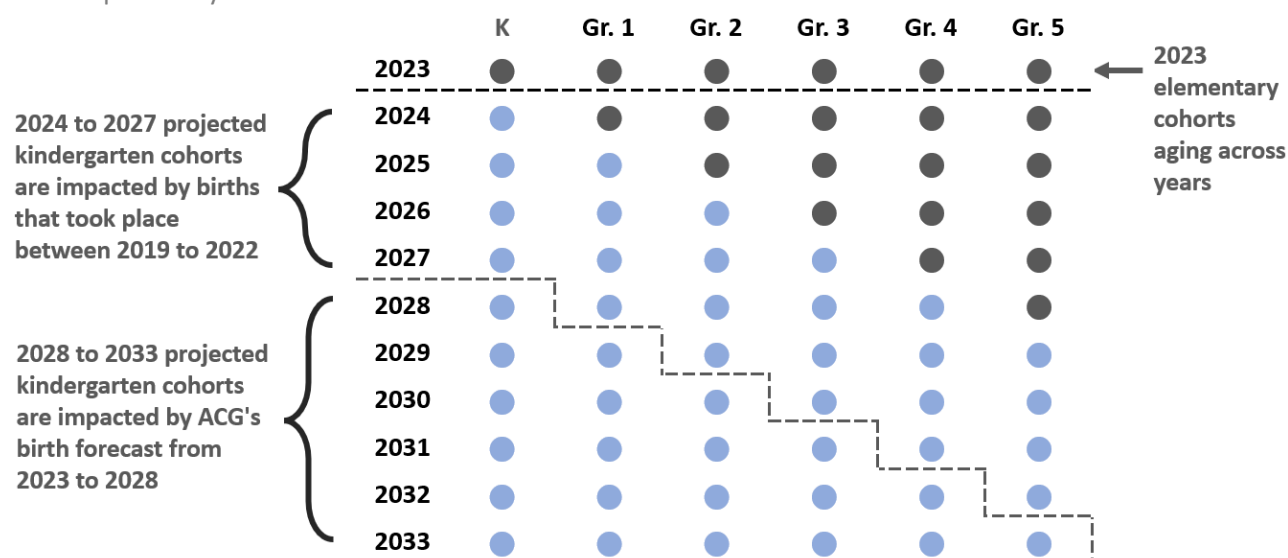


Using the Projections

APS updates the enrollment projections annually. This iterative approach allows APS to incorporate the most current information on enrollment trends; residential construction activity, such as the possible impact from Amazon's new headquarters on residential construction; and demographic change with each new projection.

School-by-school enrollment projections are reported for the first five years, or from 2024 to 2028. For the following five years, or 2029 to 2033, projected enrollment is only reported in an aggregated, or system-wide, format.

Graphic 2. Infographic illustrating assumptions about future births impacting incoming kindergarten assumptions 5-years later



Graphic 2, above, illustrates the role that actual and forecasted births play in projecting future school cohorts. Starting in 2024, one kindergarten cohort (illustrated by a blue circle) will be projected from actual births which occurred in 2019 (five-years prior). By 2025, that 2024 kindergarten cohort will be progressed into Grade 1 and the incoming kindergarten cohort will be projected from births which occurred in 2020. This pattern continues, such that by 2027, the kindergarten to Grade 3 cohorts will be projected from actual births which occurred between 2019 to 2022. By 2028, the first kindergarten cohort will be projected from forecasted 2023 births from Arlington County Government (ACG). This pattern continues such that by 2033, each cohort from kindergarten to Grade 5 will be based on ACG's forecasted births from 2023 to 2028. Because the outer year projections depend on forecasts about future births for almost all projected cohorts, these long-term projections should be used with caution. The process for projecting incoming kindergarten students, and other factors that contribute to enrollment projections, are described in the "Projection Approaches by School Level" section of this report.

Glossary

Birth-to-Kindergarten Ratio (Capture Rate) by School

This rate reflects the historical percentage of children entering kindergarten in a particular year and in a particular elementary school as compared to the total number of children born five years earlier to Arlington residents in that elementary school's attendance area. The historical three-year birth-to-kindergarten ratio by school is applied to assumed future births at each elementary school's attendance area to estimate the number of entering kindergarten students five years later at each elementary school.

Cohort

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

Cohort Transition Rate (CTR)

This ratio uses historic enrollment data to identify trends of growth or loss over time. A CTR 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 rate greater than one means there are more students entering school that year than were enrolled in the previous grade. A cohort transition rate that is less than one means there are fewer students entering school than in the previous grade. The cohort transition rate is impacted by such factors as students moving in or out of a neighborhood or the County, APS student transfers to option programs or other neighborhood schools, and other external forces affecting migration.

Because grade-specific CTRs by school may vary considerably from one year to the next, APS uses an average, or weighted-average, to estimate future school enrollment and produce the ten-year projections by grade for each school. 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.

Please note that school boundary adjustments or changes in the options and transfers policy will change historical enrollment trends at the school level and requires APS staff to make methodological changes to reflect the new boundaries or enrollment policy update.

Estimate

Calculations of past or present conditions, utilizing counts and known statistics.

Projection

Measures future growth by extrapolating current trends and making assumptions regarding growth. The APS enrollment projections methodology uses assumptions regarding future births and future housing. Enrollment projections are only done for Grades K to 12.

Resident Live Births

Live births to mothers that reside in Arlington.

Student Generation Rate

The Student Generation Rate is used to estimate the student yield from new or "future" housing. This rate 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 and affordability designation—enrolled at APS on September 30 for a given year. The student generation rate can be calculated each year because of the information sharing between APS (student data by address) and ACG (housing data by parcel).

Student Yield

The anticipated students estimated from “future” housing units are included in the projections by the relevant neighborhood attendance zones at the elementary, middle, and high school levels. The estimated student yield is calculated using the relevant student generation rates by the housing unit type (i.e., high-rise apartment, garden apartment, town house, etc.), affordability level, and school attendance zone. The student generation rates by school in this report reflect the 2022-23 school year attendance zones, Sept. 30, 2022 enrollment, and the county’s 2022 housing snapshot. An update to the student generation rates with Sept. 30, 2023 enrollment and a 2023 housing snapshot will be produced in Spring 2024.

The student estimates from new development are incorporated differently into the projections for incoming school-level grades (kindergarten at the elementary school level, 6th at the middle school level, an 9th at the high school level) and all other grades. For incoming school-level grades, it is assumed that the yield from newly developed housing units will produce the same number of students every year once the development is finished and habitable. This approach has a cumulative effect that increases projected student enrollment at neighborhood schools that have future housing developments within their school attendance zones. For all other grades, the student yield from new housing is not added on a cumulative basis. Rather the student yield from new residential construction is added on the year of construction (for Committed Affordable Units³ and single-family detached homes) or over the course of two years (for all other housing types) only once.

³ These units are guaranteed by agreement with the federal, state, or County Government, or through mechanisms such as tax-exempt financing, to remain affordable to low and moderate income households for a specified period of time; generally 30 to 60 years. Rents in most cases are affordable to households earning 60% or less of the Area Median Income, although some CAFs have rents affordable to households earning up to 80% of median. See, <https://housing.arlingtonva.us/affordable-housing/what-is-affordable/>

Data Sources

Annual Housing Unit Forecast

Starting in Fall 2017, the ACG Department of [Community Planning, Housing and Development \(CPHD\)](#) began providing APS with a forecast of housing units for the County as a GIS shapefile for spatial referencing to neighborhood school boundaries. This housing unit forecast is informed by the land use policy guidance of Arlington's [General Land Use Plan \(GLUP\)](#). The Fall 2023 10-year enrollment projections use a subset of the county's Round 10.0 housing forecast completed in September 2023. The housing 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 land use assumptions. Importantly, the county's housing forecast includes assumptions on when future residential projections will be habitable by year, residential type, number of net new units, and affordability levels. This information assists APS' estimates on the number of new students from new developments and the timing when the new housing might add more students to neighborhood schools.

Single Family Homes with Under-Construction Permits

ACG provides APS with information on single-family homes with active under-construction permits. This data is provided as a GIS shapefile for spatial referencing to neighborhood school boundaries. ACG does not provide an assumption on when these single-family homes will become habitable, but APS assumes this will occur in the 2023-24 school year for enrollment projections purposes.

Births

Resident Live Births

The Virginia Department of Health provided ACG with historical figures on live births to mothers that reside in Arlington County through calendar year 2022. ACG provided the birth information in GIS format for 2022 (and prior years) so that births could be spatially associated with neighborhood school attendance zones. Note that calendar year 2023 births will not be available until 2024.

Forecast 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 forecast births for APS. In this method, the number of women of childbearing age (15-49) are 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. The Cohort Component Model was produced by RLS Demographics in 2016 and last updated in October 2023. Certain important inputs to the model—including births, population counts, and migration--were updated in October 2023. With the latest update, the Cohort Component Model now estimates births for 2023 through 2028. This information helps APS to estimate future incoming Kindergarten cohorts, five-years after the forecasted births.

Master Housing Unit Database (MHUD)

The ACG 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 CAF, and affordability classification for each complex (CAF only, Market Rate, or Mixed). This information helps APS to develop student generation rates by housing unit type and school level. The Student Generation Rate 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 (relevant neighborhood elementary, middle, or high school boundary), housing type, and affordability characteristics.

September 30 Official Enrollment Count

Historical September 30 enrollment counts, by grade for each school, are used to develop the cohort transition rates that are used to estimate future student grade progression. The data comes from the APS Monthly Membership Report for the month of September, which is prepared by the Information Services Department, see <https://www.apsva.us/statistics/monthly-enrollment/>. This data is analyzed by school and by grade for purposes of developing historical enrollment trends.

In addition, APS staff has access to address level enrollment information from September 30. This information is relevant for assessing enrollment trends when boundary changes occur, see "Assumptions and Methodology" section. In the Fall 2023 10-year enrollment projections, September 30, 2023 enrollment is used as a base, or starting point, for enrollment projections.

Assumptions and Methodology

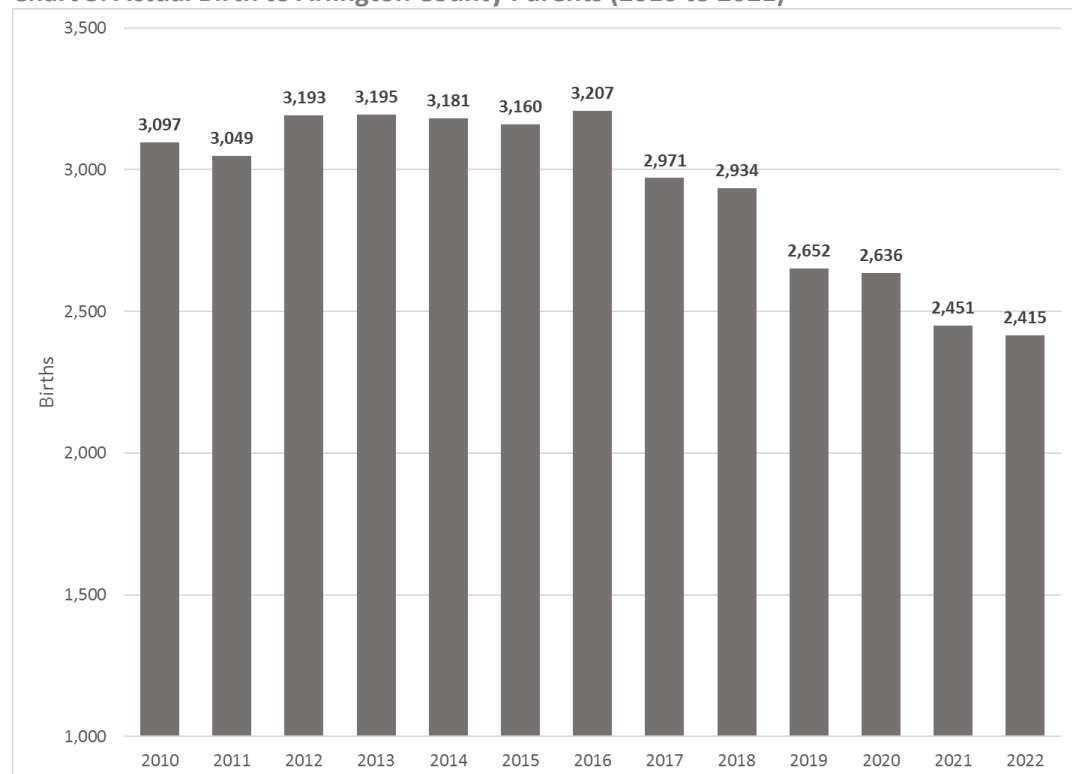
Actual Births

In the last decade, births steadily grew from 3,097 in 2010 to a peak of 3,207 births in 2016, an increase of 110 births, or 4%, in six years. Since 2016, births have declined year-over-year and actual births have drifted below 3,000 with 2022 having 2,415 births to parents that reside in Arlington County (a decline of 792 births, or -25%, since 2016), see Chart 5 below.

According to the Virginia Department of Health, Division of Health Statistics data for live births by place of residence indicate that regional declines in births are not unique to Arlington County. At the time of drafting this report in late December 2023, the latest births information available publicly from the [Virginia Department of Health](#) is up to 2020. When comparing 2016 to 2020 births, live births by place of residence declined by 20% in the City of Alexandria, 15% in Fairfax County, 6% in Prince William County, and 12% in Loudon County.

In the Fall 2023 10-year projections, actual births from 2019 to 2022 are used to project the incoming Kindergarten cohorts by neighborhood elementary schools for 2024 through 2027.

Chart 5. Actual Birth to Arlington County Parents (2010 to 2021)



Source: Arlington County Government, Department of Community Planning, Housing and Development and the Virginia Department of Health, Division of Health Statistics.

Forecast of Births

Because the Fall 2023 10-year enrollment projections rely on actual births from 2019 to 2022 to develop the kindergarten cohort projections by school for 2024 to 2027, ACG's birth forecasts from 2023 to 2028 were used to project future incoming kindergarten cohorts by school from 2028 to 2033.

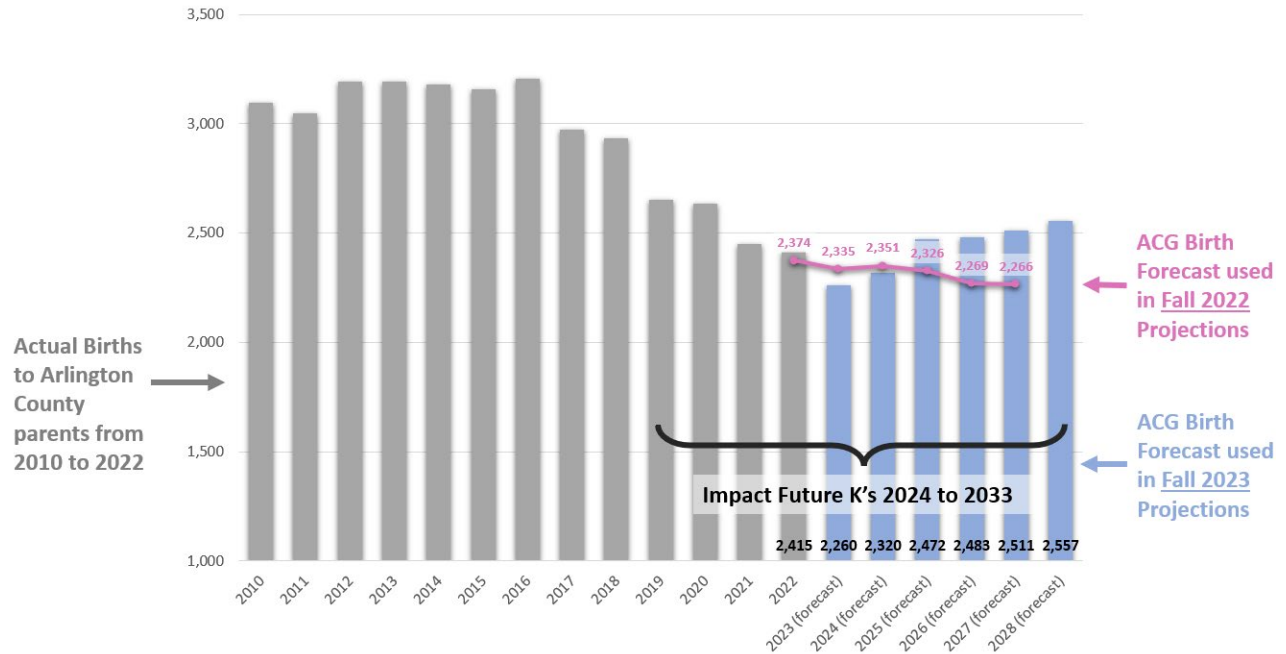
It is worth noting that ACG continuously updates their birth forecast on a yearly basis; sometimes, the inputs and cohort component model used to forecast births are both updated and other times only the inputs for the model are updated. The last update to the model occurred in fall 2023 and included updates to male and female migration rates, population figures from the county's Round 10.0 forecast⁴, updated birth and death data from Virginia Department of Health, and adjustments to the projected Total Fertility Rate (TFR).

Prior to this update to the cohort component model, known as the *Cohort Projection System*, the last major update occurred in fall 2019. This update was needed due to the observation that the Cohort Projection System was over-forecasting births. For example, when comparing 2017 actual and forecasted births, the forecast over-estimated births by about 350 births; the 2018 forecast comparison with actual 2018 births found that the model over-forecasted births by about 470 births. The recalibration to the *Cohort Projection System* in fall 2019 incorporated (a) ACG's latest Arlington County [Cooperative Forecast, known as Round 9.1](#), for population; (b) an updated analysis of age-specific fertility rates using 2010 to 2018 historical birth data and U.S. Census Bureau estimates of the distribution of the female population by age; and (c) an updated analysis of age-specific migration using U.S. Census Bureau estimates up to July 1, 2018.

Because of updates to the fall 2023 *Cohort Projection System*, the latest births forecasts differ from the births forecasts produced in fall 2022. Chart 6, next page, displays ACG's birth forecast for 2023 through 2028 in blue bars. In that period, ACG forecasts births to continue declining for 2023 and to start increasing starting in 2024. Between 2023 and 2028, births are expected to increase by about 300 or 13%. Note that last year's birth forecast from Fall 2022 had forecast less births (2,374 births) in 2022 than occurred (2,415 births). In addition, last year's birth forecast had less births in the out-years from 2025 to 2027 (see red trend line) than the updated Fall 2023 births forecast for those same years (see blue bars). These changes in birth forecast over time are important since they are used to project incoming kindergarten students five-years later.

⁴ Prepared by Arlington County Government and adopted by the Metropolitan Washington Council of Governments (MWCOC) in 2023.

Chart 6. Birth Forecast from Arlington County Government (2023 to 2028)



Source: Arlington County Government, Department of Community Planning, Housing Development.

Birth-to-Kindergarten Ratio by School

The birth-to-kindergarten ratio 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 County parents. Pre-pandemic, the system-wide birth-to-kindergarten ratio hovered close to 70%. Either because of the COVID-19 pandemic or due to natural demographic trends, or a combination of both, the birth-to-kindergarten ratio has remained below 70% since the 2020-21 school year. Table 3, next page, shows that the 3-year average birth-to-kindergarten from 2021-22 to 2023-24 was around 66%, but the rate in the three years immediately preceding the pandemic had a higher 3-year average capture rate of almost 71%.

Table 3. System-wide birth to kindergarten ratios (2011-12 to 2021-22)

Birth Year	Resident Births	School Year Entering Grade K	Actual APS Grade K	Birth to Kindergarten Ratio (Capture Rate)
2006	2,561	2011-12	1,968	0.768
2007	2,778	2012-13	2,179	0.784
2008	2,924	2013-14	2,139	0.732
2009	2,935	2014-15	2,196	0.748
2010	3,097	2015-16	2,152	0.695
2011	3,049	2016-17	2,127	0.698
2012	3,193	2017-18	2,253	0.706
2013	3,195	2018-19	2,293	0.718
2014	3,181	2019-20	2,231	0.701
2015	3,160	2020-21	1,966	0.622
2016	3,207	2021-22	1,998	0.623
2017	2,971	2022-23	2,006	0.675
2018	2,934	2023-24	1,973	0.672
<i>3-year average pre-pandemic 2017-18 to 2019-20</i>				<i>0.708</i>
3-year average 2021-22 to 2023-24				0.657

Source: APS, Department of Planning and Evaluation and Arlington County Government, Department of Community Planning, Housing Development.

Prior to Fall 2020, the birth-to-kindergarten ratios were calculated system-wide and used as a key input in the enrollment projections. This is no longer the case and Table 3, above, is provided for reference only. Starting with the Fall 2020 projections and extending to the Fall 2022 projections, the birth-to-kindergarten ratio is calculated school-by-school at the elementary level. This is done in the process described below:

- Matching (by address) and quantifying births that occurred in 2016, 2017, and 2018 to the elementary school attendance zones (last updated for the 2021-22 school year)
- Matching (by address) and quantifying the kindergarten students in 2021, 2022, and 2023 to elementary school attendance zones
- School specific ratios were developed for three or four periods of time and weights applied:
 - Ratio of 2023 kindergarten enrollment to 2018 births, with a 30% weight which applies to the 2024 and 2025 projection year and 25% for 2026 and future years
 - Ratio of 2022 kindergarten enrollment to 2017 births, with a 20% weight which applies to the 2024 and 2025 projection year and 40% for 2026 and future years
 - Ratio of 2021 kindergarten enrollment to 2016 births, with a 20% weight which applies to the 2024 and 2025 projection year and 35% for 2026 and future years
 - Ratio of 2019 kindergarten to 2014 births, with a 30% weight which applies to the 2024 and 2025 projections year. This fourth data point and weight is used to moderate the estimate for the incoming kindergarten enrollment and align the total kindergarten enrollment for 2024 and 2025 to actual kindergarten enrollment in 2023.
 - When calculating the average birth-to-kindergarten ratio by individual school, weights are applied. The weights which apply to the 2024 and 2025 projection year are meant to moderate the projected kindergarten enrollment, otherwise these figures would not have been in continuity with the actual 2023 kindergarten cohort. The weights which apply to 2026 and future years are meant to emphasize two recent birth-to-kindergarten capture rates that are closer to pre-pandemic capture rates.

Forecast of Residential Construction

ACG provided updated assumptions for the number, housing type, affordability levels, and location of forecasted housing as of the summer of 2023. This housing forecast is a subset of the housing unit forecast from the county's most recent Round 10.0 forecast, completed in September 2022. ACG also provides a flag to identify residential development likely to be habitable within the 2023-24 school year. The housing forecast is provided in a spatial format for use with GIS software, so that forecasted housing may be matched to neighborhood school boundaries.

Note that APS performs quality control checks on the ACG housing forecast and in certain instances updates the expected construction year or number of net new units. In addition, APS also queries the County's MHUD data to include any calendar year 2023 multi-family residential development projects with no resident students. If a building with those attributes is found, then it is treated as part of the housing forecast.

ACG also provides APS with spatial data on single-family homes with active under-construction permits. ACG does not provide an assumption on when these single-family homes will become habitable, but APS assumes this will occur in the 2023-24 school year for enrollment projection purposes—by this method these units will have students residing in them for the projections modeling for the 2024-25 school year. Note that these permits also include Accessory Dwellings.

In the 2023 to 2033 period, it is assumed that about 19,300 net new units--above and beyond the existing housing stock--will be delivered in Arlington County. Much of the new housing, with about a 96% share, is expected to be multi-family high rise, followed by multi-family garden with a near 2% share.

Table 4. Arlington County Housing Forecast (2023 to 2033)

Forecast Year	Multi-Family High Rise	Multi-Family Garden	Townhouse	Single-Family Detached	ADU	Duplex	Multi-Family Senior Housing *	Grand Total
2023	2,853	12	52	193	40	1		3,151
2024	490	98		15				603
2025	1,683	22		16				1,721
2026	1,421	12	22	2			80	1,537
2027	1,778							1,778
2028	1,807							1,807
2029	1,803	120						1,923
2030	1,849	37	6					1,892
2031	1,671							1,671
2032	1,503		66					1,569
2033	1,642		19					1,661
Total	18,500	301	165	226	40	1	80	19,313
Share	95.79%	1.56%	0.85%	1.17%	0.21%	0.01%	0.41%	100.00%

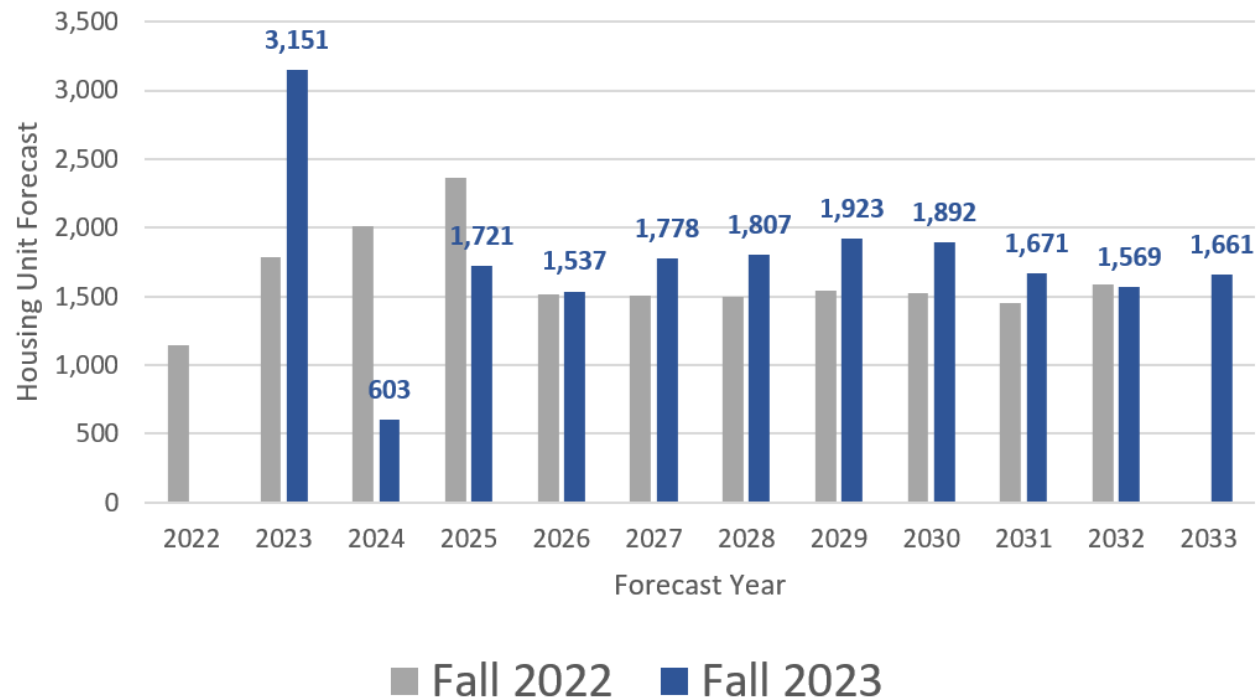
*Senior housing figures are provided for information purposes only. No students were estimated from these units.

Source: Arlington County Government, Department of Community Planning, Housing Development. Refinements to the data were additionally provided by APS.

The forecast of new residential construction is updated each year by ACG for APS' use in enrollment projections. Chart 7 displays how last year's residential construction forecast (for 2022 to 2032) differs

from the updated Fall 2023 residential unit forecast (for 2023 to 2033).

Chart 7. Comparison of Future Residential Units Assumed in the 10-Year Fall 2023 and Fall 2022 Enrollment Projections



Note: In the fall 2023 projections, just over 1,000 units were reclassified from 2024 to 2023. These units were noted as possibly completing in the 2023-24 school year, which extends to June 2024.

Source: Arlington County Government, Department of Community Planning, Housing Development. Refinements to the data were additionally provided by APS.

In the Fall 2023 projections, the greatest number of forecasted units are expected to be completed in 2023 with almost 3,200 units. Note that about 1,000 of these units were noted by the county’s housing forecast as completing in 2024. These units were classified as completing by 2023 by APS since these were also noted by the county as completing in the 2023-24 school year, which extends to June 2024. Last year’s housing forecast, by contrast, had expected the greatest number of units to deliver in 2025 with almost 2,400 units.

A list of every residential project, its corresponding attendance zone, and total number of expected students from each housing development can be found in “Attachment B: Fall 2023 Housing Unit Forecast and Projected Student Yield.”

Student Generation Rates

The Student Generation Rates are used to estimate the 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 and affordability level—enrolled at APS on September 30 for a given year. The student generation rates can be calculated

by matching the housing and affordability information shared by ACG in the MHUD snapshot with APS' latest student records⁵.

In Spring 2024, the Student generation rates will be updated using September 30, 2023 enrollment and county-wide housing unit inventory from the county (the MHUD data) as of July 1, 2023. These student generation rates will be used in the Fall 2024 enrollment projections for 2025 to 2034.

Meanwhile, the Fall 2023 projections use student generation rates developed last fall which use September 30, 2022, K-12 enrollment and the MHUD file from July 1, 2022. The 2022 MHUD included completed accessory dwelling units on single-family lots or parcels.

Table 5 displays the Fall 2022 county-wide student generation rates for 12 combinations of housing types and affordability levels for illustrative purposes. Note that in the enrollment projections, county-wide rates are only used when a forecasted housing-unit type does not currently exist in a neighborhood school attendance zone, thus there is no generation rate for that housing type in that attendance zone.

As of Fall 2022, the highest student generation rate factor in the county is for multi-family elevator CAF only residential buildings, with a rate of 0.601. Note, however, that this housing type represents a fraction of the county's non-senior 2022 housing stock, with a share of just over 1%. Meanwhile, the housing type with the largest share of all non-senior housing, at nearly over a quarter, is multi-family elevator market rate buildings. This housing type has the second-lowest student generation rate factor at 0.062, same as last year.

Table 5. County-Wide Student Generation Rates Used in the Fall 2022 10-Year Enrollment Projections

K-12	Single Family Detached	Single Family Detached with Accessory Dwelling	Townhome	Duplex	Multi-family Elevator			Multi-family Garden			Condo		Total by School
					Market Rate	Mixed Income	CAF Only *	Market Rate	Mixed Income	CAF Only	Elevator	Garden	
Total 2022	0.471	0.475	0.209	0.317	0.062	0.120	0.601	0.218	0.325	0.579	0.054	0.114	0.219
2022 Master Housing Unit Database (MHUD) housing by type shares *	22.93%	0.08%	3.71%	2.19%	25.63%	9.70%	1.03%	6.93%	1.71%	4.18%	12.24%	9.67%	100.00%

* Excludes senior housing.

Source: APS, Department of Planning and Evaluation. Sept. 30, 2022 student enrollment and 2022 Master Housing Unit Database (MHUD) records.

The student generation rate by school level, neighborhood school boundary, housing type, and affordability level is included with "Attachment C: Fall 2022 Student Generation Rates."

As mentioned earlier, the student generation rates will be updated in Spring 2024. In addition, a special research project will be undertaken in Spring 2024 to learn how the housing forecast used in last year's fall 2022 projections was actually populated by APS students and how that compares with the number of students estimated last year to reside in those housing projects. To illustrate why this special research project will be undertaken, Table 6 looks at various residential projects which were assumed to be complete for the beginning of the 2023-24 school year and compares the number of students that reside in those projects as of September 30, 2023 and how many were estimated last year to reside in those units. When looking at this comparison, only about 49% of estimated students materialized as actual APS students in these buildings. The special research project will look at why this might be.

⁵ Individual student information is not shared by APS with ACG because of data privacy.

Table 6. Comparison of actual (Sept. 30, 2023) and estimated students residing in residential projections opening in time for the 2023-24 school year

Development in Housing Unit Forecast (Fall 2022)	Housing Type and Affordability	Actual Enrollment, Sept 30, 2023 <i>K-12</i>	Student Estimate Used in Fall 2022 Projections <i>K-12</i>	% (actual / estimate)
Vernon St Duplex	Duplex	0	0.6	0.0%
The Candence (Red Cross/Trenton St. Residential)	Garden - Committed Affordable	46	64.1	71.7%
Whitefield Commons Apartments Addition	Garden - Committed Affordable	N/A	3.3	-
The Avant (1201 N Quinn St)	Garden - Market Rate	0	1.2	0.0%
Terwilliger Place (American Legion/APAH)	High Rise - Committed Affordable	66	101.0	65.4%
Arlington View Terrace East	High Rise - Committed Affordable	39	28.1	138.8%
2000 Clarendon Blvd (Condo)	High Rise - Market Rate	4	2.5	158.7%
Alexan Fitzroy (Clarendon West Site #1 - Building 1)	High Rise - Market Rate	0	11.7	0.0%
1900 Crystal Drive - South Building	High Rise - Market Rate	0	29.7	0.0%
Urba (Harris Teeter and American Service Center Phase 1)	High Rise - Market Rate	0	24.7	0.0%
Westmont Apartments (Westmont Shopping Center -3233 Columbia Pike)	High Rise - Market Rate	3	35.0	8.6%
The Milton -Pentagon Centre PDSP & Final Site Plan - Phase IA	High Rise - Mixed Income	0	19.5	0.0%
Sage Modern Apartments (Crystal City Verizon)	High Rise - Mixed Income	5	23.6	21.2%
Modera Clarendon (Washington Kirkwood)	High Rise - Mixed Income	19	27.8	68.4%
		182	372.9	48.8%

Projection Approaches by School Level

The following content in this report describes the assumptions used to transition, or age, September 30, 2022 enrolled students into the next grade from 2023 through 2032. It also describes the assumption of how births that occurred between 2018 and 2021 and forecasted births between 2022⁶ and 2027 are used to estimate incoming kindergarten enrollees by school in 2023 and 2032.

Elementary School Assumptions:

Elementary Neighborhood Schools Enrollment Assumptions:

- To project enrollment at neighborhood elementary schools, the Sept. 30, 2023 enrollment is used as a base, or starting point, for the Fall 2023 10-Year enrollment projections.
- Incoming Kindergarten cohorts by neighborhood schools for 2024 to 2033 were determined through the following process:
 - In order to develop birth-to-kindergarten ratios by neighborhood school, it requires associating historical births and kindergarten enrollment to the neighborhood elementary boundaries. GIS software was used to match (by address) births that occurred in 2014, 2016, 2017, and 2018 to elementary school attendance zones. The number of births in 2014, 2016, 2017, and 2018 are then tabulated by current school elementary school boundaries.
 - Similarly, kindergarten enrollment that occurred five years later—in 2019, 2021, 2022, and 2023—are also tabulated by current elementary school attendance zones. For this purpose, kindergarten enrollment from 2019 is redistributed to conform to the latest elementary school boundary adjustments which took effect starting in the 2021-22 school year. This impacts kindergarten enrollment at six neighborhood elementary schools: Arlington Science Focus, Ashlawn, Cardinal, Innovation, Taylor, and Tuckahoe elementary schools.
 - Once historical births and kindergarten enrollment are matched to current elementary school boundaries, they are used to calculate birth-to-kindergarten ratios specific to each neighborhood elementary. Each neighborhood elementary school's specific weighted 3- or 4- year average birth-to-kindergarten ratio is then calculated. The following birth to kindergarten enrollment was used to produce ratios which were then weighted:
 - Ratio of 2023 kindergarten enrollment to 2018 births, with a 30% weight which applies to the 2024 and 2025 projection year and 25% for 2026 and future years
 - Ratio of 2022 kindergarten enrollment to 2017 births, with a 20% weight which applies to the 2024 and 2025 projection year and 40% for 2026 and future years
 - Ratio of 2021 kindergarten enrollment to 2016 births, with a 20% weight which applies to the 2024 and 2025 projection year and 35% for 2026 and future years
 - Ratio of 2019 kindergarten to 2014 births, with a 30% weight which applies to the 2024 and 2025 projections year. This fourth data point and weight is used to moderate the estimate for the incoming kindergarten enrollment and align the total kindergarten enrollment for 2024 and 2025 to actual kindergarten enrollment in 2023.

⁶ Recorded calendar year 2022 births by the Virginia Department of Health will not be published until Summer 2023.

- When calculating the average birth-to-kindergarten ratio by individual school, weights are applied. The weights which apply to the 2024 and 2025 projection year are meant to moderate the projected kindergarten enrollment, otherwise these figures would not have been in continuity with the actual 2023 kindergarten cohort. The weights which apply to 2026 and future years are meant to emphasize two recent birth-to-kindergarten capture rates that are closer to pre-pandemic capture rates.
 - Another calculation using the historical 2016, 2017, and 2018 address-level birth information, matched to current neighborhood elementary boundaries, is to assesses each neighborhood school's share of births for each year. Once these shares are established, a 3-year average of each school's shares of births is calculated.
 - The projected incoming Kindergarten cohorts for each neighborhood elementary school in 2024 to 2033 is calculated by:
 - Multiplying each school's 3-year average share of births by the number of births five years prior. Example: Nottingham's share of births x total number of county-wide forecasted births in 2026 = 2026 average estimate of births in the Nottingham attendance zone
 - Then, multiply this product by the weighted average birth to kindergarten ratio specific to each school. Example: The 2026 average estimate of births in the Nottingham attendance zone x Nottingham's 3-year weighted average birth to kindergarten ratio = the number of incoming kindergarten students five years later in 2031 at Nottingham. Note that for incoming kindergarten estimates for 2024 and 2025 that 4-year weighted averages are applied and after 2026 it applies a 3-year weighted average.
- Neighborhood school CTRs:
 - The Fall 2023 projections primarily use neighborhood school K-5 enrollment from September 30, 2023, 2022, 2021, and 2020 to produce CTRs for each neighborhood elementary school. On a case-by-case basis enrollment from 2018 and 2019 is also used.
 - The 2018, 2019, and 2020 enrollment required a redistribution of K-5 enrollment to reflect adjusted or new attendance zones which took effect at the beginning of the 2021-22 school year. This redistribution applied to K-5 students whose home address spatially matches the updated or new neighborhood school boundaries for Arlington Science Focus School, Ashlawn, Cardinal, Innovation, Taylor or Tuckahoe. These students were retroactively matched to the relevant adjusted or new neighborhood boundary if they attended their formerly assigned neighborhood school or transferred in from another neighborhood school.
 - The September 30, 2023 enrollment also had an adjustment pertaining to the elementary school Targeted Transfers offered as part of the 2023 Enrollment Management Plan⁷. Note that these adjustments were done only for purposes of calculating a 2022 to 2023 CTR which does not include the impact from the 2022 and 2023 Targeted Transfers. The adjustment involved adding student's back to a neighborhood school if they transferred out of a school and, conversely, subtracting

⁷ See, <https://www.apsva.us/wp-content/uploads/2023/03/Enrollment-Management-Plan-2023-Final.pdf>

- them from another neighborhood school where they transferred into.
- Once the September 30, enrollment all reflect current attendance zones and 2022 and 2023 enrollment are adjusted for Targeted Transfers, then an average CTR is calculated for each neighborhood school from three year-over-year intervals. Note that the default three year-over-year average CTR does not include weights, but on a case-by-case basis weights were applied at specific schools and grades and that CTRs from 2018 to 2019 could also be included.

Elementary Option Schools Enrollment Assumptions:

- For the Fall 2023 projections, the incoming Kindergarten (K) cohorts at all elementary options schools are based on the K cohort assumed in the “Spring 1-Year Projections Update for the 2023-24 School Year” student estimate, see <https://www.apsva.us/wp-content/uploads/2023/03/Update-to-2023-24-Projections-publication-March-21-2023.pdf>
- For Arlington Traditional, Campbell, Claremont Immersion, Escuela Key, and the Montessori Public School of Arlington, the base used is the September 30, 2023 enrollment. To this enrollment, starting in the projection for fall 2024, the following CTRs are applied:
 - Campbell, Claremont Immersion, Escuela Key use a default three year-over-year average CTR. Note that in some instances, weights were applied based on school specific enrollment trends. The use of CTRs from three year-over-year intervals provides for fluctuations in enrolled cohorts between grades and years, with some grade-to-grade transitions having net gains or net losses in enrollment over time.
 - Montessori Public School of Arlington’s and Arlington Traditional’s September 30, 2023, cohorts are applied a 1.0 CTR. This CTR assumes that 2023, K-4 students will continue progressing from one grade to another grade with no attrition. Similarly, the 1.0 CTR assumes that incoming kindergarten cohorts will not experience attrition as they progress into other elementary grades.

Middle School Assumptions:

Neighborhood Middle School Enrollment Assumptions:

- Similar to the approach used for neighborhood elementary schools, the Sept. 30, 2023 enrollment is used as a base, or starting point, for the Fall 2023 10-Year Middle School enrollment projections.
- Incoming Grade 6 students were estimated using the following approach for 2024 to 2029
 - The first step in the process is to identify students by neighborhood attendance zone that are likely to be future 5th grade students. In turn, these future 5th grade students will eventually become future incoming 6th grade middle school students.
 - Enrolled K to Grade 5 students from September 30, 2023 were matched by home address to current Middle School boundaries (the most recent update to these boundaries took effect at the beginning of the 2022-23 school year). The reason K-4 students are selected is that they will eventually be future 5th graders. For example, the 2023 4th grader will be in 5th grade in 2024 and a 2023 1st grader will be a future 5th grader in 2027.
 - Because the K-4 students assigned to Middle School boundaries need to be aged into Grade 5, a combination of county-wide three year-over-year average cohort transition rates is used. For example, to age a Grade 2 students to Grade 5, the county-wide

Grade 2 to 3, Grade 3 to 4, and Grade 4 to 5, 3-year weighted average CTRs are applied. There is no need to apply this process to the September 30, 2023, actual 5th grade students.

- Once actual or estimated 5th students counts are available for each neighborhood middle school boundaries from 2023 to 2028, they need to be aged into Grade 6 by applying middle school specific Grade 5 to 6 CTRs. These CTRs are based on the ratio of Grade 5 students residing within a middle school's neighborhood boundary one year and how many Grade 6 students are enrolled at the corresponding middle school the following year. The default CTR is a three year-over-year average of ratios among Grade 5 in 2020 to Grade 6 in 2021, Grade 5 in 2021 to Grade 6 in 2022 and Grade 5 in 2022 to Grade 6 in 2023. On a case-by-case basis weights were applied at specific schools to these averages and the year-over-year CTR can include Grade 5 in 2018 to Grade 6 in 2019.
 - Note that for purposes of calculating the CTR only, that September 30, 2022 and 2023, 6th grade enrollment was modified to assess what it would have been without the Neighborhood Transfers from the 2022 Annual Update and 2023 Enrollment Management Plan. This was done to calculate long-term CTRs not affected by these provisions.
 - September 30, 2021 enrollment by school includes relevant Virtual Learning Program enrollees that year only.
 - 6th grade cohorts in 2019 and 2021 were redistributed to the updated middle school attendance zones which took effect in the 2022-23 school year. These students were retroactively matched by home address to the relevant adjusted neighborhood boundary if they attended their formerly assigned neighborhood school or transferred in from another neighborhood school.
 - For Gunston only, the 6th grade cohort for 2019, 2021, 2022, and 2023 consisted of students that did not attend the county-wide Immersion or Montessori programs. Separate projections were made for these county-wide programs at Gunston.
- The Grade 5 to 6, average or weighted average CTRs were applied to actual (2023) or projected (2024 to 2028) Grade 5 students to estimate Grade 6 students in the following year. These school specific CTRs were applied to the following Grade 5 students to estimate future Grade 6 students:
 - Grade 5 students in 2023 that might enroll in Grade 6 in 2024
 - Grade 5 students in 2024 that might enroll in Grade 6 in 2025
 - Grade 5 students in 2025 that might enroll in Grade 6 in 2026
 - Grade 5 students in 2026 that might enroll in Grade 6 in 2027
 - Grade 5 students in 2027 that might enroll in Grade 6 in 2028
 - Grade 5 students in 2028 that might enroll in Grade 6 in 2029
- Incoming Grade 6 students were estimated using the following approach for 2030 to 2033
 - The process described below entails aging projected kindergarten students in 2024 through 2027 into incoming Grade 5 students in 2029 through 2032. Then aging these Grade 5 students, by neighborhood attendance zone, into grade 6 students for 2030 through 2033.
 - Past shares of kindergarten students that resided in each middle school attendance zone was quantified. Sept. 30, 2021, 2022 and 2023, kindergarten students were

matched to each middle school attendance zone. Once these kindergarten figures were tabulated, the share of kindergarten students per middle school boundary area was calculated for each year. Finally, a three year average was produced from each year's share.

- These shares are then applied to the total number of projected kindergarten students for 2024 through 2027. The product yields an estimate of the number of kindergarten students projected to reside in each middle school attendance zones in 2024 through 2027.
- Because the kindergarten students assigned to Middle School boundaries need to be aged into Grade 5 for years 2029 through 2032, a combination of county-wide three year-over-year average cohort transition rates are applied. For example, to age a projected kindergarten students to Grade 5, the county-wide kindergarten to Grade 1, Grade 1 to 2....Grade 4 to5 CTRs, etc. are multiplied.
- Once there are Grade 5 student estimates available for neighborhood middle school boundaries from 2029 to 2032, they need to be aged into Grade 6 by applying middle school specific Grade 5 to 6 CTRs. These CTRs are based on the ratio of Grade 5 students residing within a middle school's neighborhood boundary one year and how many Grade 6 students are enrolled at the corresponding middle school the following year. The default CTR is a three year-over-year average of ratios among Grade 5 in 2020 to Grade 6 in 2021, Grade 5 in 2021 to Grade 6 in 2022 and Grade 5 in 2022 to Grade 6 in 2023. On a case-by-case basis weights were applied at specific schools to these averages and the year-over-year CTR can include Grade 5 in 2018 to Grade 6 in 2019. As noted earlier, the Grade 6 cohorts for 2019 and 2021 were redistributed to reflect the middle school attendance zone update which took effect for the 2022-23 school year; the 2021 enrollment by school includes students that were then enrolled in the Virtual Learning Program; the 2022 and 2023, 6th grade enrollment was adjusted for Neighborhood Transfers; and Gunston's Grade 6 cohort for 2019 to 2023 only applies to students not enrolled in a county-wide program.
- These school specific CTRs were applied to the following projected Grade 5 students for each attendance zone to estimate future Grade 6 students by middle school:
 - Grade 5 students in 2029 that might enroll in Grade 6 in 2030
 - Grade 5 students in 2030 that might enroll in Grade 6 in 2031
 - Grade 5 students in 2031 that might enroll in Grade 6 in 2032
 - Grade 5 students in 2032 that might enroll in Grade 6 in 2033
- Projecting Grades 7 and 8:
 - In order to project the number of Grade 7 and 8 students, CTRs for Grade 6 to 7 and Grade 7 to 8 must be established by neighborhood middle school to, for example, age the estimated Grade 6 students into Grade 7. To reflect boundary adjustments which took effect for the 2022-23 school year, students in Grades 6, 7, and 8 at neighborhood middle schools on September 30, 2019, 2020, and 2021 are matched retroactively by home address to the updated neighborhood middle school attendance zones. This step is not needed for enrollees from September 30, 2022 or 2023. As noted earlier in the "Middle School Assumptions" section, 2022 and 2023 enrollment was adjusted for Neighborhood Transfers, 2021 enrollment by school includes students that were enrolled in the Virtual Learning Program at the time, and Gunston's cohorts from 2019

- through 2023 only applies to students not enrolled in a county-wide programs.
- From these enrollment figures, CTRs are calculated for Grade 6 to 7 and Grade 7 to 8 by neighborhood middle school. The default Grade 6 to 7 CTR is a three year-over-year average of ratios among Grade 6 in 2020 to Grade 7 in 2021, Grade 6 in 2021 to Grade 7 in 2022 and Grade 6 in 2022 to Grade 7 in 2023. Similarly, the default Grade 7 to 8 CTR is a three year-over-year average of ratios among Grade 7 in 2020 to Grade 8 in 2021, Grade 7 in 2021 to Grade 8 in 2022 and Grade 7 in 2022 to Grade 8 in 2023. On a case-by-case basis weights were applied to these averages at specific schools and the year-over-year CTR can include Grade 6 in 2018 to Grade 7 in 2019 or Grade 7 in 2018 to Grade 8 in 2019.
 - These school specific CTRs are then applied starting with the Grade 6 enrollment from September 30, 2023 which is graduated to Grade 7 using the relevant school's Grade 6 to 7, average or weighted average CTR. Similarly, Grade 7 enrollment for September 30, 2023, by neighborhood school is graduated to Grade 8 using the relevant school's Grade 7 to 8, average or weighted average CTR. This process is repeated in subsequent projection years, for example the school specific CTR for Grade 6 to 7 is applied to the relevant school's Grade 6 projection (see above section to learn more about Grade 6 estimates for neighborhood middle schools).

Option Middle Schools/Programs:

- Eunice Kennedy Shriver program's enrollment for 2024 was provided by the Office of Secondary Education and is carried forward into projections years 2024 to 2033.
- H-B Woodlawn's incoming Grade 6 cohort is assumed to be the same as the Grade 6 enrollment noted in the Spring Update to the 2023-24 School Year.
- H-B Woodlawn uses a three year-over-year average CTR for Grades 6 to 7 and 7 to 8. The Grade 6 to 7 CTR is a three year-over-year average of Grade 6 in 2020 to Grade 7 in 2021, Grade 6 in 2021 and Grade 7 in 2022, and Grade 6 in 2022 and Grade 7 in 2023. Similarly, the Grade 7 to 8 CTR is a three year-over-year average of Grade 7 in 2020 to Grade 8 in 2021; Grade 7 in 2021 and Grade 8 in 2022, and Grade 7 in 2022 and Grade 8 in 2023.
- County-wide Immersion and Montessori Programs at Gunston. For both programs, 2020 through 2023 enrollment at these Gunston programs was used to calculate grade 6 to 7 and 7 to 8 three year-over-year average CTRs. Note that on a case-by-case basis weights were applied at certain grade-to-grade transition rates. In addition, a grade 5 to 6 CTR for the Immersion and Montessori program was calculated using each program's grade 5 elementary cohort and the grade 6 cohort at the middle school level. The default three year-over-year average Grade 5 to 6, CTR does not include weights, but on a case-by-case basis weights were applied. The 5 to 6 CTRs were applied to the sum of actual or projected Grade 5 cohorts from 2023 through 2032 for Claremont and Escuela Key to project incoming 6th grade cohorts at the Immersion program at Gunston. Similarly, the 5 to 6 CTRs were applied to actual or projected Grade 5 cohorts from 2023 through 2032 for Montessori Public School of Arlington to project incoming 6th grade cohorts at the Montessori program at Gunston.

High School Assumptions:

Neighborhood High School Enrollment Assumptions:

- Similar to the approach used for neighborhood middle schools:

- The Sept. 30, 2023 enrollment is used as a base, or starting point, for the Fall 2023 10-Year High School enrollment projections
- Boundary adjustments at the high school level took effect for the 2022-23 school year. Accordingly, the September 30, 2019, 2020, and 2021 enrollment was redistributed to conform to the boundary adjustment. For these years, Grade 9 through 12 students were retroactively matched by home address to the relevant adjusted neighborhood boundary if they attended their formerly assigned neighborhood high school or transferred in from another neighborhood high school.
- For purposes of calculating CTRs only, the September 30, 2022 and 2023 high school enrollment by grade and school was modified to assess what it would have been without the Neighborhood Transfers from the 2022 Annual Update and 2023 Enrollment Management Plan. This was done to calculate long-term CTRs not affected by these enrollment management tools.
- September 30, 2021 enrollment by school includes relevant Virtual Learning Program enrollees that year.
- For Wakefield and Washington-Liberty's neighborhood projections only, 2019 through 2023 enrollment was modified to only include students that did not attend the county-wide IB, AP, or Immersion programs. Separate projections were made for these county-wide programs at Wakefield and Washington-Liberty.
- Incoming Grade 9 students were estimated using the following approach for 2024 to 2032:
 - The first step in this process is to identify Grade 8 students that reside in neighborhood high school boundaries since many will eventually become incoming Grade 9 students.
 - Enrolled K to Grade 8 students from September 30, 2023 were matched by home address to neighborhood High School boundaries which took effect for the 2022-23 school year. These students were selected because they are, or will be, future Grade 8 students. For example, the Grade 7 students in 2023 will be in Grade 8 in 2024 and a Grade 1 student in 2023 will be a future Grade 8 student in 2030.
 - Because the kindergarten to Grade 7 students assigned to High School attendance zones need to be aged into Grade 8, a combination of county-wide three year-over-year average cohort transition rates are applied. For example, to age a Grade 5 students in 2023 to Grade 8 in 2026, the county-wide Grade 5 to 6, Grade 6 to 7, and Grade 7 to 8 average three year-over-year CTR is applied.
 - Once there are counts for actual Grade 8 student in 2023 and Grade 8 estimates from 2024 to 2031 by neighborhood high school attendance zones, they need to be aged into Grade 9 by applying high school specific Grade 8 to 9 CTRs. These CTRs are based on the ratio of Grade 8 students residing within a high school's neighborhood attendance zone one year and how many Grade 9 students are enrolled at the corresponding high school the following year. Note that the default three year-over-year average CTR does not include weights, but on a case-by-case basis weights were applied.
 - The Grade 8 to 9, three year-over-year average CTR by school is applied to actual (2023) or projected Grade 8 students (2024 to 2031) by attendance zone to estimate Grade 9 students in the following year. This CTR was applied to the following Grade 8 students to estimate future Grade 9 students:
 - Grade 8 students in 2023 that might enroll in Grade 9 in 2024
 - Grade 8 students in 2024 that might enroll in Grade 9 in 2025
 - Grade 8 students in 2025 that might enroll in Grade 9 in 2026

- Grade 8 students in 2026 that might enroll in Grade 9 in 2027
 - Grade 8 students in 2027 that might enroll in Grade 9 in 2028
 - Grade 8 students in 2028 that might enroll in Grade 9 in 2029
 - Grade 8 students in 2029 that might enroll in Grade 9 in 2030
 - Grade 8 students in 2030 that might enroll in Grade 9 in 2031
 - Grade 8 students in 2031 that might enroll in Grade 9 in 2032
- Incoming Grade 8 students were estimated using the following approach for 2033
 - The process described below entails aging projected kindergarten students in 2024 into incoming Grade 9 students in 2033
 - Past shares of kindergarten students that resided in each high school attendance zone was quantified. Sept. 30, 2021, 2022, and 2023 kindergarten students were matched to each high school boundary. Once these kindergarten figures were tabulated, the share of kindergarten students per high school boundary area was calculated for each year. Finally, a three year-over-year average was produced from each year's share per attendance zone.
 - These shares are then applied to the total number of projected kindergarten students for 2024. The product yields an estimate of the number of kindergarten students that reside in each high school attendance zones in 2024.
 - Because the kindergarten students assigned to High School boundaries need to be aged into Grade 8 for year 2032, a three year-over-year (2020 to 2021, 2021 to 2022, and 2022 to 2023) county-wide average cohort transition rates are used. For example, to age the projected kindergarten students to Grade 8, the county-wide kindergarten to Grade 1, Grade 1 to 2....Grade 6 to 7, Grade 7 to 8 CTRs, are multiplied.
 - Once there are 8th grade student estimates available for neighborhood high school boundaries for 2032, they need to be aged into Grade 9 by applying high school specific Grade 8 to 9 CTRs. These CTRs are based on the ratio of Grade 8 students residing within each high school's attendance zone one year and how many Grade 9 students enrolled at the high school the following year. The default CTR is a three year-over-year average of ratios among Grade 8 in 2020 to Grade 9 in 2021, Grade 8 in 2021 to Grade 9 in 2022 and Grade 8 in 2022 to Grade 9 in 2023. On a case-by-case basis, weights were applied at specific schools to these averages. As noted earlier, the Grade 9 cohorts for 2021 were redistributed to reflect the high school attendance zone update which took effect for the 2022-23 school year; the 2021 enrollment by school includes students that were then enrolled in the Virtual Learning Program; the 2022 and 2023, Grade 9 enrollment was adjusted for Neighborhood Transfers; and Wakefield's and Washington-Liberty's Grade 9 cohort for 2022 and 2023 only applies to students not enrolled in a county-wide program.
 - These CTRs were applied to the projected Grade 8 students in 2032 to project Grade 9 students at each of the neighborhood high schools in 2033.
- Projecting enrollment for Grades 10, 11, and 12:
 - In order to project the number of Grade 10, 11, and 12 students, CTRs for Grade 9 to 10, Grade 10 to 11, and Grade 11 to 12 must be established by high school to, for example, age the estimated Grade 10 students into Grade 11. The CTRs use Sept.30 enrollment from 2020, 2021, 2022, and 2023.
 - CTRs were developed based on all students at Yorktown High School. But at Wakefield and Washington-Liberty High Schools, which also have county-wide programs, CTRs

were developed for students projected to reside in the attendance zone and for each of their county-wide programs (AP and Immersion at Wakefield and IB at W-L). In addition, the count of students who reside in attendance zones account for Neighborhood Transfers in 2022 and 2023.

- From these enrollment figures for students that reside in attendance zones and who attend county-wide programs, CTRs were calculated for Grade 9 to 10, Grade 10 to 11, and Grade 11 to 12. The default Grade 9 to 10 CTR is a three year-over-year average of ratios among Grade 9 in 2020 to Grade 10 in 2021, Grade 9 in 2021 to Grade 10 in 2022 and Grade 9 in 2022 to Grade 10 in 2023. Similarly, the default Grade 10 to 11 CTR is a three year-over-year average of ratios among Grade 10 in 2020 to Grade 11 in 2021, Grade 10 in 2021 to Grade 11 in 2022 and Grade 10 in 2022 to Grade 11 in 2023. A similar approach was followed for the Grade 11 to 12 CTRs. On a case-by-case basis weights were applied to these averages at specific schools and the year-over-year CTR.
- These high school specific CTRs are then applied to project future Grade 10, 11, and 12 students. For example, the Grade 9 enrollment at a specific high school from September 30, 2023 is graduated to Grade 10 in 2024 using the relevant school's Grade 9 to 10, three year-over-year average CTR. In turn, the following school year, that Grade 10 student is graduated to Grade 11 in 2025 using the relevant school's Grade 10 to 11, three year-over-year average CTR.

Option High Schools/Programs:

- Eunice Kennedy Shriver program's enrollment for 2023 was provided by the Office of Secondary Education and is carried forward into projections years 2024 to 2032.
- Arlington Career Center:
 - Since Sept. 30, 2019, Arlington Career Center's official enrollment reflects only full-time Arlington Tech, ACADE, HILT and PEP students.
 - Arlington Career Center's enrollment projections are a combination of the following:
 - Sept. 30, 2023 enrollment by grade for ACADE, HILT, and PEP are used in each projection year, from 2024 through 2033
 - For Arlington Tech, the incoming Grade 9 cohort is assumed to be the same as the Grade 9 program seats called for in the 2023 Enrollment Management Plan (EMP) and the CTR used for each grade is 1.0.
- H-B Woodlawn's enrollment projections assume:
 - The incoming Grade 9 students are projected using the Grade 8 middle school students projected for H-B Woodlawn in a prior year—for example, a Grade 8 student projected for 2024 is graduated to Grade 9 in 2025 using the Grade 8 to 9, 3-year weighted CTR.
 - H-B Woodlawn uses three year-over-year average CTR for 2020 to 2021, 2021 to 2022, and 2022 to 2023. On a case-by-case basis weights were applied to specific grades' year-over-year average CTR
- County-wide AP and Immersion Programs at Wakefield and county-wide IB at Washington-Liberty.
 - For the three county-wide programs, 2020 through 2023 enrollment at these Wakefield and Washington-Liberty programs was used to calculate Grade 9 to 10, 10 to 11 and 11 to 12, CTRs using the same three year-over-year CTR process described above for H-B Woodlawn.
 - The Grade 8 to 9 CTR for the Immersion program was calculated using the program's

Grade 8 middle school cohort and the Grade 9 cohort at Wakefield for 2021 through 2023. The 8 to 9 CTR for county-wide AP was calculated using the combined Grade 8 populations in the Yorktown and Washington-Liberty attendance zones and the Grade 9, county-wide AP population at Wakefield for 2021, 2022, and 2023. Similarly, the Grades 8 to 9 CTR for county-wide IB was calculated using the combined Grade 8 populations in the Yorktown and Wakefield attendance zones and the Grade 9, county-wide IB population at Washington-Liberty for 2021, 2022, and 2023. These 8 to 9 CTRs for three year-over-year periods were averaged, with some exceptions for weights on a case-by-case basis. For all other grade—Grade 9 to 10, 10 to 11, or 11 to 12—CTRs were developed using each county-wide programs' enrollment from 2020 through 2023 using averages or, on a case-by-case basis, weighted averages.

- Enrollment by grade as of Sept. 30, 2023 is used for all projection years for Arlington Community High School, Langston, and New Directions programs.

Estimated student impact from new housing:

- Assumptions on the timing of the enrollment impacts from new housing:
 - Full impact in the year of construction is assumed for Committed Affordable Units (CAFs) and Single Family Detached units.
 - The impact from all other housing types, mixed-income, and market-rate units is spread over a two-year period.
- Single-family construction permits are incorporated into the projections in the year they are provided by ACG to APS; in the Fall 2023 10-year projections, that is the 2023-24 school year.
- The student yield from new housing is added on a cumulative basis across projection years for Grades K, 6, and 9.
- For all other grades, the student yield from new housing is not added on a cumulative basis. Rather the student yield from new residential construction is added on the year of construction (for CAFs and SFD) or over the course of two years (for all other housing types) only once.

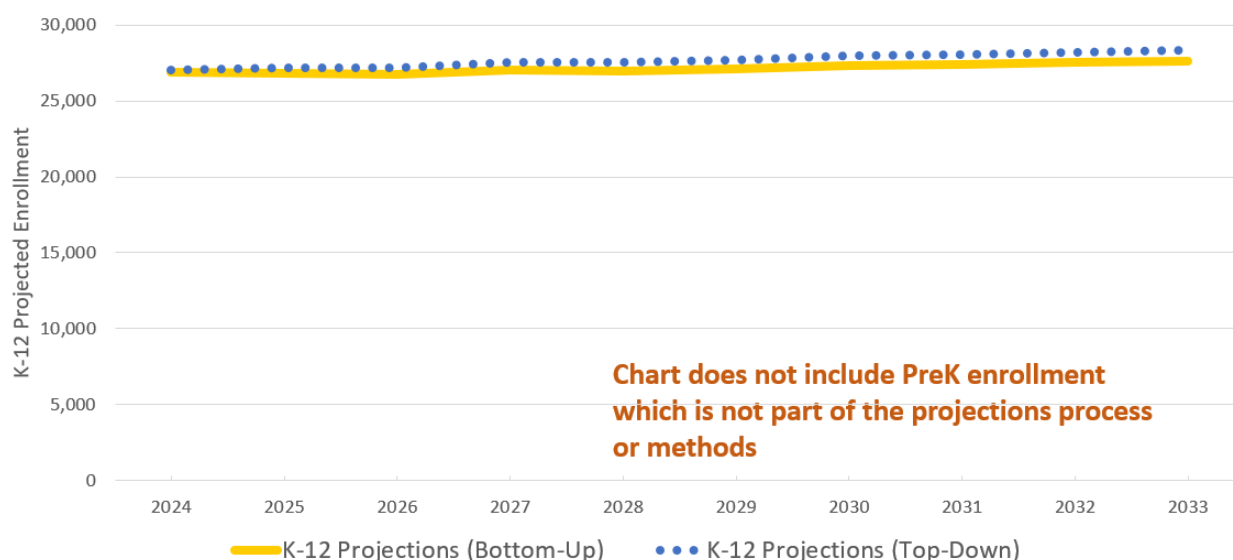
Steps to Validate Projections

To validate the enrollment projections, an internal staff working group and an outside consultant met during the projection development process to discuss assumptions, approaches, technical issues that arose, and review projection results. In addition, a recommended projections scenario was shared with the Superintendent's Cabinet so that leadership could ask questions, provide input, and be informed on projections which affect budget, staffing, and other short-term and long-term planning.

In addition, at the beginning and conclusion of the projections development process, the *Enrollment Projections Internal Review Committee* was briefed on key data and approaches that shaped the projections. This committee included APS staff from Planning and Evaluation (P&E), Facilities and Operations, and Finance and Management Services. External experts from Arlington County Government, CPHD and an outside consultant also offered perspectives. The Internal Review Committee also included representatives from the Advisory Council on School Facilities and Capital Programs (FAC), Joint Facilities Advisory Commission (JFAC), and Livability 22202.

An important review step suggested two years ago 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 different iterations of the enrollment projections modeling with the goal that the evolving versions of the “top-down” and “bottom-up” models reflect similar scales of enrollment growth trends, see Chart 8.

Chart 8. Comparisons of Top-Down and Bottom-Up Projections, Grades K to 12



Source: APS, Department of Planning and Evaluation.

Attachment A, Table 1 - Enrollment Projection for 2024-25 (Grade K to 12)

	Enrollment Projection: Grade K to 12														2024-25 School Year Estimate: PreK					Total
	K	1	2	3	4	5	6	7	8	9	10	11	12	Grade K-12 Total	VPI	PreK SPED	3&4 Mont	Comm Peers	PreK Total ²	
ELEMENTARY SCHOOL																				
Abingdon Elementary School	119	106	128	124	106	109								692	16	8			24	716
Alice West Fleet Elementary School	95	92	91	80	92	99								549	32	6	34	6	78	627
Arlington Science Focus Elementary	92	101	111	119	117	82								622					0	622
Arlington Traditional Elementary ⁷	96	97	95	120	98	96								602	48				48	650
Ashlawn Elementary School	98	76	97	102	77	107								557	16	16			32	589
Barcroft Elementary School	70	95	75	62	83	69								454	32	15		8	55	509
Barrett Elementary School	86	60	89	78	82	85								480	28	20			48	528
Campbell Elementary School ⁷	72	58	58	64	62	61								375	48				48	423
Cardinal Elementary School	114	122	137	127	113	116								729					0	729
Carlin Springs Elementary School	90	81	79	92	86	81								509	44	30	17	18	109	618
Claremont Elementary School ⁷	96	91	93	76	103	92								551	64				64	615
Discovery Elementary School	71	80	85	77	88	79								480		8	30		38	518
Dr. Charles R. Drew Elementary School	62	61	59	68	64	54								368	28	42		14	84	452
Escuela Key Elementary School ⁷	96	92	83	90	79	78								518	32				32	550
Glebe Elementary School	78	73	100	101	102	88								542		7		7	14	556
Hoffman-Boston Elementary School	84	97	84	100	91	87								543	28	35		7	70	613
Innovation Elementary School	65	71	81	84	70	76								447	48	14		14	76	523
Jamestown Elementary School	73	69	61	77	68	78								426		16	34	3	53	479
Long Branch Elementary School	60	74	59	80	77	53								403	16	6			22	425
Montessori Public School of Arlington ^{1,7}	50	57	74	74	74	76								405		8	111		119	524
Nottingham Elementary School	56	61	52	64	62	73								368				14	28	396
Oakridge Elementary School	105	113	77	104	121	98								618	16	8	17		41	659
Randolph Elementary School	59	61	72	57	69	57								375	28	14			42	417
Taylor Elementary School	67	77	84	87	101	91								507		7		7	14	521
Tuckahoe Elementary School	64	64	74	77	73	75								427		14		14	28	455
Integration Station ³														0		68			68	68
Elementary School Subtotal	2,018	2,029	2,098	2,184	2,158	2,060	-	-	-	-	-	-	-	12,547	524	356	243	112	1,235	13,782
MIDDLE SCHOOL ⁴																				
Dorothy Hamm Middle School							287	332	292					911						911
Eunice Kennedy Shriver Program							4	4	4					12						12
Gunston Middle School							348	288	338					974						974
H-B Woodlawn Secondary Program							84	83	83					250						250
Jefferson Middle School							378	375	343					1,096						1,096
Kenmore Middle School							318	362	302					982						982
Swanson Middle School							367	314	325					1,006						1,006
Williamsburg Middle School							258	275	254					787						787
Middle School Subtotal	-	-	-	-	-	-	2,044	2,033	1,941	-	-	-	-	6,018						6,018
HIGH SCHOOL ⁴																				
Arlington Career Center (Full-Time) ⁵										142	155	130	184	611						611
Arlington Community High School ⁶										5	17	17	46	85						85
Eunice Kennedy Shriver Program										3	5	2	18	28						28
H-B Woodlawn Secondary Program										110	125	110	120	465						465
Langston High School Continuation ⁶										0	1	12	38	51						51
New Directions Program										1	3	5	7	16						16
Wakefield High School										596	542	556	599	2,293						2,293
Washington-Liberty High School										617	737	672	595	2,621						2,621
Yorktown High School										520	513	538	558	2,129						2,129
High School Subtotal	-	-	-	-	-	-	-	-	-	1,994	2,098	2,042	2,165	8,299						8,299
Total (Grade K to Grade 12)	2,018	2,029	2,098	2,184	2,158	2,060	2,044	2,033	1,941	1,994	2,098	2,042	2,165	26,864						
Total (PreK to Grade 12)	2,018	2,029	2,098	2,184	2,158	2,060	2,044	2,033	1,941	1,994	2,098	2,042	2,165	26,864	524	356	243	112	1,235	28,099

¹ Five-year-old Montessori students are reported in Kindergarten.

² Does not include 84 community based students who are registered at their home schools as dual-enrollees.

³ PreK SPED classes are in Integration Station as placeholders for the upcoming Fiscal Year. Integration Station is housed outside of APS with community PreK partners.

⁴ Schools that accept enrollment through a lottery process can also include students from the Secondary Program for Students with Autism (Grade 6 to 12) and H.S. HILT students (English Learners) enter through the year (Grade 9 to 12). H-B Woodlawn is an example of such a school.

⁵ Arlington Career Center full-time students include Arlington Tech, Academic Academy, HILT Institute, and PEP. Arlington Career Center part-time students are included at their neighborhood school.

⁶ 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.

⁷ The incoming K enrollment for elementary option school/programs are the same as the K enrollment in the Spring 1-Year Projections Update for the 2022-232 School Year. The incomin K enrollment assumptions will be updated as part of the 2024 Enrollment Management Plan

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.

Attachment A, Table 2 - Enrollment Projection for 2025-26 (Grade K to 12)

	Enrollment Projection: Grade K to 12														2024-25 School Year Estimate: PreK					Total
	K	1	2	3	4	5	6	7	8	9	10	11	12	Grade K-12 Total	VPI	PreK SPED	3&4 Mont	Comm Peers	PreK Total ²	
ELEMENTARY SCHOOL																				
Abingdon Elementary School	118	120	105	120	120	103								686	16	8			24	710
Alice West Fleet Elementary School	95	94	94	90	80	85								538	32	6	34	6	78	616
Arlington Science Focus Elementary	92	94	109	117	124	113								649					0	649
Arlington Traditional Elementary ⁷	96	96	97	95	120	98								602	48				48	650
Ashlawn Elementary School	98	97	76	94	100	77								542	16	16			32	574
Barcroft Elementary School	70	73	97	74	62	92								468	32	15		8	55	523
Barrett Elementary School	85	82	62	89	72	85								475	28	20			48	523
Campbell Elementary School ⁷	72	72	58	55	65	61								383	48				48	431
Cardinal Elementary School	113	125	126	136	128	114								742					0	742
Carlin Springs Elementary School	86	85	75	72	85	81								484	44	30	17	18	109	593
Claremont Elementary School ⁷	96	93	90	85	74	99								537	64				64	601
Discovery Elementary School	71	78	81	86	78	87								481		8	30		38	519
Dr. Charles R. Drew Elementary School	62	64	58	55	70	59								368	28	42		14	84	452
Escuela Key Elementary School ⁷	96	94	82	74	82	74								502	32				32	534
Glebe Elementary School	77	80	81	102	97	106								543		7		7	14	557
Hoffman-Boston Elementary School	83	83	99	89	101	89								544	28	35		7	70	614
Innovation Elementary School	75	79	84	92	95	73								498	48	14		14	76	574
Jamestown Elementary School	73	70	68	62	74	67								414		16	34	3	53	467
Long Branch Elementary School	60	60	69	61	80	73								403	16	6			22	425
Montessori Public School of Arlington ^{1,7}	50	50	57	74	74	74								379		8	111		119	498
Nottingham Elementary School	56	60	60	47	65	58								346				14	28	374
Oakridge Elementary School	110	116	112	86	112	132								668	16	8	17		41	709
Randolph Elementary School	59	64	60	66	58	64								371	28	14			42	413
Taylor Elementary School	67	73	75	86	87	110								498		7		7	14	512
Tuckahoe Elementary School	63	63	67	72	79	72								416		14		14	28	444
Integration Station ³														0		68			68	68
Elementary School Subtotal	2,023	2,065	2,042	2,079	2,182	2,146	-	-	-	-	-	-	-	12,537	524	356	243	112	1,235	13,772
MIDDLE SCHOOL ⁴																				
Dorothy Hamm Middle School							281	299	335					915						915
Eunice Kennedy Shriver Program							4	4	4					12						12
Gunston Middle School							384	320	272					976						976
H-B Woodlawn Secondary Program							84	86	84					254						254
Jefferson Middle School							351	397	361					1,109						1,109
Kenmore Middle School							310	307	356					973						973
Swanson Middle School							347	353	317					1,017						1,017
Williamsburg Middle School							252	251	278					781						781
Middle School Subtotal	-	-	-	-	-	-	2,013	2,017	2,007	-	-	-	-	6,037						6,037
HIGH SCHOOL ⁴																				
Arlington Career Center (Full-Time) ⁵										142	163	157	176	638						638
Arlington Community High School ⁶										5	17	17	46	85						85
Eunice Kennedy Shriver Program										3	5	2	18	28						28
H-B Woodlawn Secondary Program										115	116	115	114	460						460
Langston High School Continuation ⁶										0	1	12	38	51						51
New Directions Program										1	3	5	7	16						16
Wakefield High School										664	563	517	530	2,274						2,274
Washington-Liberty High School										605	656	697	637	2,595						2,595
Yorktown High School										512	530	508	543	2,093						2,093
High School Subtotal	-	-	-	-	-	-	-	-	-	-	2,047	2,054	2,030	8,240						8,240
Total (Grade K to Grade 12)	2,023	2,065	2,042	2,079	2,182	2,146	2,013	2,017	2,007	2,047	2,054	2,030	2,109	26,814						
Total (PreK to Grade 12)	2,023	2,065	2,042	2,079	2,182	2,146	2,013	2,017	2,007	2,047	2,054	2,030	2,109	26,814	524	356	243	112	1,235	28,049

¹ Five-year-old Montessori students are reported in Kindergarten.

² Does not include 84 community based students who are registered at their home schools as dual-enrollees.

³ PreK SPED classes are in Integration Station as placeholders for the upcoming Fiscal Year. Integration Station is housed outside of APS with community PreK partners.

⁴ Schools that accept enrollment through a lottery process can also include students from the Secondary Program for Students with Autism (Grade 6 to 12) and H.S. HILT students (English Learners) enter through the year (Grade 9 to 12). H-B Woodlawn is an example of such a school.

⁵ Arlington Career Center full-time students include Arlington Tech, Academic Academy, HILT Institute, and PEP. Arlington Career Center part-time students are included at their neighborhood school.

⁶ 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.

⁷ The incoming K enrollment for elementary option school/programs are the same as the K enrollment in the Spring 1-Year Projections Update for the 2022-232 School Year. The incomin K enrollment assumptions will be updated as part of the 2024 Enrollment Management Plan

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.

Attachment A, Table 3 - Enrollment Projection for 2026-27 (Grade K to 12)

	Enrollment Projection: Grade K to 12														2024-25 School Year Estimate: PreK					Total
	K	1	2	3	4	5	6	7	8	9	10	11	12	Grade K-12 Total	VPI	PreK SPED	3&4 Mont	Comm Peers	PreK Total ²	
ELEMENTARY SCHOOL																				
Abingdon Elementary School	112	121	121	100	117	118								689	16	8			24	713
Alice West Fleet Elementary School	88	96	97	94	92	76								543	32	6	34	6	78	621
Arlington Science Focus Elementary	92	94	102	116	122	119								645					0	645
Arlington Traditional Elementary ⁷	96	96	96	97	95	120								600	48				48	648
Ashlawn Elementary School	93	96	97	73	92	100								551	16	16			32	583
Barcroft Elementary School	69	73	75	96	74	69								456	32	15		8	55	511
Barrett Elementary School	78	81	85	62	82	75								463	28	20			48	511
Campbell Elementary School ⁷	72	72	72	55	57	64								392	48				48	440
Cardinal Elementary School	108	124	129	125	136	129								751					0	751
Carlin Springs Elementary School	83	84	82	71	70	84								474	44	30	17	18	109	583
Claremont Elementary School ⁷	96	93	92	83	83	71								518	64				64	582
Discovery Elementary School	65	78	79	82	87	78								469		8	30		38	507
Dr. Charles R. Drew Elementary School	64	65	62	55	57	65								368	28	42		14	84	452
Escuela Key Elementary School ⁷	96	94	84	74	67	77								492	32				32	524
Glebe Elementary School	77	79	89	83	99	101								528		7		7	14	542
Hoffman-Boston Elementary School	88	82	85	104	89	98								546	28	35		7	70	616
Innovation Elementary School	82	82	84	86	94	87								515	48	14		14	76	591
Jamestown Elementary School	80	70	69	69	60	73								421		16	34	3	53	474
Long Branch Elementary School	61	61	57	71	62	77								389	16	6			22	411
Montessori Public School of Arlington ^{1,7}	50	50	50	57	74	74								355		8	111		119	474
Nottingham Elementary School	55	60	60	54	47	61								337		14		14	28	365
Oakridge Elementary School	116	121	115	123	94	123								692	16	8	17		41	733
Randolph Elementary School	54	64	63	55	67	54								357	28	14			42	399
Taylor Elementary School	70	73	71	77	86	95								472		7		7	14	486
Tuckahoe Elementary School	66	62	66	65	74	78								411		14		14	28	439
Integration Station ³														0		68			68	68
Elementary School Subtotal	2,011	2,071	2,082	2,027	2,077	2,166	-	-	-	-	-	-	-	12,434	524	356	243	112	1,235	13,669
MIDDLE SCHOOL ⁴																				
Dorothy Hamm Middle School							336	283	294					913						913
Eunice Kennedy Shriver Program							4	4	4					12						12
Gunston Middle School							406	354	303					1,063						1,063
H-B Woodlawn Secondary Program							84	86	87					257						257
Jefferson Middle School							377	370	383					1,130						1,130
Kenmore Middle School							307	303	306					916						916
Swanson Middle School							313	335	358					1,006						1,006
Williamsburg Middle School							242	246	254					742						742
Middle School Subtotal	-	-	-	-	-	-	2,069	1,981	1,989	-	-	-	-	6,039						6,039
HIGH SCHOOL ⁴																				
Arlington Career Center (Full-Time) ⁵										142	163	165	203	673						673
Arlington Community High School ⁶										5	17	17	46	85						85
Eunice Kennedy Shriver Program										3	5	2	18	28						28
H-B Woodlawn Secondary Program										117	121	107	120	465						465
Langston High School Continuation ⁶										0	1	12	38	51						51
New Directions Program										1	3	5	7	16						16
Wakefield High School										638	626	538	494	2,296						2,296
Washington-Liberty High School										651	646	625	664	2,586						2,586
Yorktown High School										561	513	516	504	2,094						2,094
High School Subtotal	-	-	-	-	-	-	-	-	-	2,118	2,095	1,987	2,094	8,294						8,294
Total (Grade K to Grade 12)	2,011	2,071	2,082	2,027	2,077	2,166	2,069	1,981	1,989	2,118	2,095	1,987	2,094	26,767						
Total (PreK to Grade 12)	2,011	2,071	2,082	2,027	2,077	2,166	2,069	1,981	1,989	2,118	2,095	1,987	2,094	26,767	524	356	243	112	1,235	28,002

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² Does not include 84 community based students who are registered at their home schools as dual-enrollees.

³ PreK SPED classes are in Integration Station as placeholders for the upcoming Fiscal Year. Integration Station is housed outside of APS with community PreK partners.

⁴ Schools that accept enrollment through a lottery process can also include students from the Secondary Program for Students with Autism (Grade 6 to 12) and H.S. HILT students (English Learners) enter through the year (Grade 9 to 12). H-B Woodlawn is an example of such a school.

⁵ Arlington Career Center full-time students include Arlington Tech, Academic Academy, HILT Institute, and PEP. Arlington Career Center part-time students are included at their neighborhood school.

⁶ 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.

⁷ The incoming K enrollment for elementary option school/programs are the same as the K enrollment in the Spring 1-Year Projections Update for the 2022-232 School Year. The incomin K enrollment assumptions will be updated as part of the 2024 Enrollment Management Plan

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Attachment A, Table 4 - Enrollment Projection for 2027-28 (Grade K to 12)

	Enrollment Projection: Grade K to 12														2024-25 School Year Estimate: PreK					Total
	K	1	2	3	4	5	6	7	8	9	10	11	12	Grade K-12 Total	VPI	PreK SPED	3&4 Mont	Comm Peers	PreK Total ²	
ELEMENTARY SCHOOL																				
Abingdon Elementary School	112	114	122	115	98	116								677	16	8			24	701
Alice West Fleet Elementary School	89	89	99	98	96	87								558	32	6	34	6	78	636
Arlington Science Focus Elementary	92	95	103	109	121	119								639					0	639
Arlington Traditional Elementary ⁷	96	96	96	96	97	95								576	48				48	624
Ashlawn Elementary School	92	91	96	94	72	93								538	16	16			32	570
Barcroft Elementary School	67	72	75	74	96	83								467	32	15		8	55	522
Barrett Elementary School	78	75	85	86	58	85								467	28	20			48	515
Campbell Elementary School ⁷	72	72	72	69	57	56								398	48				48	446
Cardinal Elementary School	106	118	128	127	125	137								741					0	741
Carlin Springs Elementary School	81	81	81	78	69	68								458	44	30	17	18	109	567
Claremont Elementary School ⁷	96	93	92	84	81	79								525	64				64	589
Discovery Elementary School	65	72	79	80	83	87								466		8	30		38	504
Dr. Charles R. Drew Elementary School	63	66	62	58	56	53								358	28	42		14	84	442
Escuela Key Elementary School ⁷	96	94	84	75	66	63								478	32				32	510
Glebe Elementary School	76	79	88	91	80	103								517		7		7	14	531
Hoffman-Boston Elementary School	90	91	87	93	108	90								559	28	35		7	70	629
Innovation Elementary School	84	90	87	87	89	87								524	48	14		14	76	600
Jamestown Elementary School	79	77	69	69	66	59								419		16	34	3	53	472
Long Branch Elementary School	61	62	58	60	73	60								374	16	6			22	396
Montessori Public School of Arlington ^{1,7}	50	50	50	50	57	74								331		8	111		119	450
Nottingham Elementary School	54	59	60	53	55	44								325				14	28	353
Oakridge Elementary School	136	142	136	141	147	118								820	16	8	17		41	861
Randolph Elementary School	54	58	63	58	56	62								351	28	14			42	393
Taylor Elementary School	69	76	71	73	78	94								461		7		7	14	475
Tuckahoe Elementary School	65	64	65	64	67	73								398		14		14	28	426
Integration Station ³														0		68			68	68
Elementary School Subtotal	2,023	2,076	2,108	2,082	2,051	2,085	-	-	-	-	-	-	-	12,425	524	356	243	112	1,235	13,660
MIDDLE SCHOOL ⁴																				
Dorothy Hamm Middle School							317	340	279					936						936
Eunice Kennedy Shriver Program							4	4	4					12						12
Gunston Middle School							407	392	353					1,152						1,152
H-B Woodlawn Secondary Program							84	86	87					257						257
Jefferson Middle School							369	400	360					1,129						1,129
Kenmore Middle School							308	299	301					908						908
Swanson Middle School							356	302	340					998						998
Williamsburg Middle School							252	236	249					737						737
Middle School Subtotal	-	-	-	-	-	-	2,097	2,059	1,973	-	-	-	-	6,129						6,129
HIGH SCHOOL ⁴																				
Arlington Career Center (Full-Time) ⁵										142	163	165	211	681						681
Arlington Community High School ⁶										5	17	17	46	85						85
Eunice Kennedy Shriver Program										3	5	2	18	28						28
H-B Woodlawn Secondary Program										122	123	112	111	468						468
Langston High School Continuation ⁶										0	1	12	38	51						51
New Directions Program										1	3	5	7	16						16
Wakefield High School										682	621	616	532	2,451						2,451
Washington-Liberty High School										682	699	619	599	2,599						2,599
Yorktown High School										521	563	501	513	2,098						2,098
High School Subtotal	-	-	-	-	-	-	-	-	-	2,158	2,195	2,049	2,075	8,477						8,477
Total (Grade K to Grade 12)	2,023	2,076	2,108	2,082	2,051	2,085	2,097	2,059	1,973	2,158	2,195	2,049	2,075	27,031						
Total (PreK to Grade 12)	2,023	2,076	2,108	2,082	2,051	2,085	2,097	2,059	1,973	2,158	2,195	2,049	2,075	27,031	524	356	243	112	1,235	28,266

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⁶ 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.

⁷ The incoming K enrollment for elementary option school/programs are the same as the K enrollment in the Spring 1-Year Projections Update for the 2022-232 School Year. The incomin K enrollment assumptions will be updated as part of the 2024 Enrollment Management Plan

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Attachment A, Table 5 - Enrollment Projection for 2028-29 (Grade K to 12)

	Enrollment Projection: Grade K to 12														2024-25 School Year Estimate: PreK					Total
	K	1	2	3	4	5	6	7	8	9	10	11	12	Grade K-12 Total	VPI	PreK SPED	3&4 Mont	Comm Peers	PreK Total ²	
ELEMENTARY SCHOOL																				
Abingdon Elementary School	105	113	114	114	111	96								653	16	8			24	677
Alice West Fleet Elementary School	83	88	90	98	98	89								546	32	6	34	6	78	624
Arlington Science Focus Elementary	87	95	104	110	114	117								627					0	627
Arlington Traditional Elementary ⁷	96	96	96	96	96	97								577	48				48	625
Ashlawn Elementary School	86	91	91	93	93	73								527	16	16			32	559
Barcroft Elementary School	64	71	75	75	75	108								468	32	15		8	55	523
Barrett Elementary School	73	74	78	85	79	60								449	28	20			48	497
Campbell Elementary School ⁷	72	72	72	69	71	56								412	48				48	460
Cardinal Elementary School	100	116	122	126	128	126								718					0	718
Carlin Springs Elementary School	76	79	78	77	75	67								452	44	30	17	18	109	561
Claremont Elementary School ⁷	96	93	92	84	82	77								524	64				64	588
Discovery Elementary School	61	71	73	80	81	83								449		8	30		38	487
Dr. Charles R. Drew Elementary School	59	65	63	58	60	52								357	28	42		14	84	441
Escuela Key Elementary School ⁷	96	94	84	75	68	63								480	32				32	512
Glebe Elementary School	71	78	88	90	88	83								498		7		7	14	512
Hoffman-Boston Elementary School	90	94	97	96	97	110								584	28	35		7	70	654
Innovation Elementary School	83	92	96	91	91	83								536	48	14		14	76	612
Jamestown Elementary School	74	76	75	69	67	65								426		16	34	3	53	479
Long Branch Elementary School	57	61	58	59	60	69								364	16	6			22	386
Montessori Public School of Arlington ^{1,7}	50	50	50	50	50	57								307		8	111		119	426
Nottingham Elementary School	51	58	59	53	54	51								326		14		14	28	354
Oakridge Elementary School	129	143	136	143	145	153								849	16	8	17		41	890
Randolph Elementary School	50	58	58	58	59	52								335	28	14			42	377
Taylor Elementary School	64	75	75	73	73	85								445		7		7	14	459
Tuckahoe Elementary School	61	63	67	63	66	66								386		14		14	28	414
Integration Station ³														0		68			68	68
Elementary School Subtotal	1,934	2,066	2,091	2,085	2,081	2,038	-	-	-	-	-	-	-	12,295	524	356	243	112	1,235	13,530
MIDDLE SCHOOL ⁴																				
Dorothy Hamm Middle School							295	320	334					949						949
Eunice Kennedy Shriver Program							4	4	4					12						12
Gunston Middle School							390	376	373					1,139						1,139
H-B Woodlawn Secondary Program							84	86	87					257						257
Jefferson Middle School							345	389	387					1,121						1,121
Kenmore Middle School							317	301	298					916						916
Swanson Middle School							357	342	305					1,004						1,004
Williamsburg Middle School							210	246	239					695						695
Middle School Subtotal	-	-	-	-	-	-	2,002	2,064	2,027	-	-	-	-	6,093						6,093
HIGH SCHOOL ⁴																				
Arlington Career Center (Full-Time) ⁵										142	163	165	211	681						681
Arlington Community High School ⁶										5	17	17	46	85						85
Eunice Kennedy Shriver Program										3	5	2	18	28						28
H-B Woodlawn Secondary Program										122	128	114	117	481						481
Langston High School Continuation ⁶										0	1	12	38	51						51
New Directions Program										1	3	5	7	16						16
Wakefield High School										704	646	595	589	2,534						2,534
Washington-Liberty High School										615	728	664	589	2,596						2,596
Yorktown High School										531	523	549	498	2,101						2,101
High School Subtotal	-	-	-	-	-	-	-	-	-	-	2,123	2,214	2,123	8,573						8,573
Total (Grade K to Grade 12)	1,934	2,066	2,091	2,085	2,081	2,038	2,002	2,064	2,027	2,123	2,214	2,123	2,113	26,961						
Total (PreK to Grade 12)	1,934	2,066	2,091	2,085	2,081	2,038	2,002	2,064	2,027	2,123	2,214	2,123	2,113	26,961	524	356	243	112	1,235	28,196

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Attachment A, Table 6 - Enrollment Projection for 2029-30 to 3033-34 (Grade K to 12)

	Enrollment Projection: Grade K to 12														2024-25 School Year Estimate: PreK					Total
	K	1	2	3	4	5	6	7	8	9	10	11	12	Grade K-12 Total	VPI	PreK SPED	3&4 Mont	Comm Peers	PreK Total	
2029-30	1,991	1,988	2,092	2,081	2,097	2,075	2,034	1,981	2,043	2,197	2,180	2,145	2,191	27,095	524	356	243	112	1,235	28,330
2030-31	2,119	2,056	2,018	2,090	2,099	2,100	2,070	2,020	1,970	2,215	2,262	2,119	2,215	27,353	524	356	243	112	1,235	28,588
2031-32	2,139	2,167	2,067	1,999	2,088	2,083	2,073	2,039	1,990	2,133	2,266	2,181	2,178	27,403	524	356	243	112	1,235	28,638
2032-33	2,164	2,184	2,178	2,046	1,998	2,071	2,058	2,043	2,011	2,169	2,183	2,186	2,236	27,527	524	356	243	112	1,235	28,762
2033-34	2,200	2,212	2,197	2,158	2,044	1,979	2,048	2,029	2,012	2,185	2,218	2,106	2,242	27,630	524	356	243	112	1,235	28,865

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Attachment B - Fall 2023 Housing Unit Forecast and Estimated Student Yields

Source for Housing Forecast is Arlington County Government, Fall 2023.

* Indicates project's completion date was amended by APS.

Forecast Year	Development Name	Address	Net New Units	2023-24 School Year			Estimate Students (K-12)
				Elementary	Middle	High	
2023	Harris Teeter and American Service Center Phase 1	600 N GLEBE RD	505	Barrett	Swanson	Washington-Liberty	24.75
2023	1900 Crystal Drive - South Building *	1900 CRYSTAL DRIVE	472	Oakridge	Gunston	Wakefield	29.74
2023	2055 15th St N	2055 15th St N	423	Arlington Science Focus	Dorothy Hamm	Yorktown	41.88
2023	1900 Crystal Drive - North Building *	1900 CRYSTAL DRIVE	339	Oakridge	Gunston	Wakefield	21.36
2023	Clarendon West Site #1 - Building 1	3251 WASHINGTON BLVD	267	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	11.75
2023	The Milton - Pentagon Centre PDSP & Final Site Plan - Phase IA	1200 S FERN ST	253	Hoffman-Boston	Gunston	Wakefield	19.48
2023	Westmont Shopping Center -3233 COI Pike	3233 COLUMBIA PIKE	250	Alice W. Fleet	Jefferson	Wakefield	35.00
2023	County FS4	3201 10th St N	200	Arlington Science Focus	Jefferson	Washington-Liberty	12.80
2023	Ballston Station *	4201 FAIRFAX DR	144	Ashlawn	Swanson	Washington-Liberty	88.56
2023	750 S GREENBRIER ST *	750 S GREENBRIER ST	32	Carlin Springs	Kenmore	Washington-Liberty	5.98
2023	1201 N Quinn St	1201 N QUINN ST	12	Innovation	Dorothy Hamm	Yorktown	1.24
2023	11th and Vermont Residences North Block *	1031 N VERMONT ST	10	Ashlawn	Swanson	Washington-Liberty	1.50
2023	2750 11TH ST N *	2750 11TH ST N	4	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	0.97
2023	2025 S KENMORE ST *	2025 S KENMORE ST	4	Dr. Charles R. Drew	Gunston	Wakefield	0.76
2023	2103 S MONROE ST *	2103 S MONROE ST	2	Dr. Charles R. Drew	Gunston	Wakefield	0.38
2023	807 N Jackson St	807 N Jackson St	1	Long Branch	Jefferson	Washington-Liberty	0.38
2023	2217 N Quincy St	2217 N Quincy St	1	Taylor	Dorothy Hamm	Washington-Liberty	0.46
2023	2211 Military Rd	2211 Military Rd	1	Taylor	Dorothy Hamm	Washington-Liberty	0.46
2023	812 N Edgewood St	812 N Edgewood St	1	Long Branch	Jefferson	Washington-Liberty	0.38
2023	902 N Danville St	902 N Danville St	1	Long Branch	Jefferson	Washington-Liberty	0.38
2023	508 N Highland St	508 N Highland St	1	Long Branch	Jefferson	Washington-Liberty	0.38
2023	135 N Edgewood St	135 N Edgewood St	1	Long Branch	Jefferson	Washington-Liberty	0.38
2023	904 N Irving St	904 N Irving St	1	Long Branch	Jefferson	Washington-Liberty	0.38
2023	115 N Irving St	115 N Irving St	1	Long Branch	Jefferson	Washington-Liberty	0.38
2023	650 N Jackson St	650 N Jackson St	1	Long Branch	Jefferson	Washington-Liberty	0.38
2023	3510 Lorcom Ln	3510 Lorcom Ln	1	Taylor	Dorothy Hamm	Washington-Liberty	0.46
2023	4408 20Th Rd N	4408 20Th Rd N	1	Glebe	Dorothy Hamm	Washington-Liberty	0.47
2023	3114 1st St N	3114 1st St N	1	Long Branch	Jefferson	Washington-Liberty	0.38
2023	3524 N Valley St (AD)	3524 N Valley St	1	Jamestown	Williamsburg	Yorktown	0.63
2023	4009 20th St	4009 20th St	1	Taylor	Dorothy Hamm	Washington-Liberty	0.46
2023	2503 16th St N	2503 16th St N	1	Innovation	Dorothy Hamm	Washington-Liberty	0.41
2023	2504 N Custis Rd	2504 N Custis Rd	1	Innovation	Dorothy Hamm	Washington-Liberty	0.41
2023	1608 N Cleveland St	1608 N Cleveland St	1	Innovation	Dorothy Hamm	Washington-Liberty	0.41
2023	1715 N Calvert St	1715 N Calvert St	1	Innovation	Dorothy Hamm	Washington-Liberty	0.41
2023	2600 3rd St N	2600 3rd St N	1	Long Branch	Jefferson	Washington-Liberty	0.38
2023	1809 N Taylor St	1809 N Taylor St	1	Glebe	Dorothy Hamm	Washington-Liberty	0.47
2023	4516 7th St N	4516 7th St N	1	Ashlawn	Swanson	Washington-Liberty	0.48
2023	1720 N Quincy St	1720 N Quincy St	1	Glebe	Dorothy Hamm	Washington-Liberty	0.47
2023	4513 20th St	4513 20th St	1	Glebe	Dorothy Hamm	Washington-Liberty	0.47
2023	1215 N Stuart St	1215 N Stuart St	1	Glebe	Dorothy Hamm	Washington-Liberty	0.47
2023	1308 N Irving St	1308 N Irving St	1	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	0.44
2023	1233 N Taylor St	1233 N Taylor St	1	Glebe	Dorothy Hamm	Washington-Liberty	0.47
2023	4611 N Carlin Springs Rd	4611 N Carlin Springs Rd	1	Ashlawn	Swanson	Washington-Liberty	0.48
2023	727 N Highland St (AD)	727 N Highland St	1	Long Branch	Jefferson	Washington-Liberty	0.24
2023	3121 1st Rd N (AD)	3121 1st Rd N	1	Long Branch	Jefferson	Washington-Liberty	0.24
2023	3504 21st Ave N (AD)	3504 21st Ave N	1	Taylor	Dorothy Hamm	Washington-Liberty	0.82
2023	4040 20th Rd N (AD)	4040 20th Rd N	1	Taylor	Dorothy Hamm	Washington-Liberty	0.82
2023	1814 N Danville St (AD)	1814 N Danville St	1	Innovation	Dorothy Hamm	Washington-Liberty	0.44
2023	4111 18th Rd N (AD)	4111 18th Rd N	1	Glebe	Dorothy Hamm	Washington-Liberty	0.49
2023	1244 N Utah St (AD)	1244 N Utah St	1	Glebe	Dorothy Hamm	Washington-Liberty	0.49
2023	3128 Key Blvd (AD)	3128 Key Blvd	1	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	0.49
2023	5543 10th St	5543 10th St	1	Cardinal	Swanson	Washington-Liberty	0.51
2023	1154 N Ivanhoe St	1154 N Ivanhoe St	1	Cardinal	Swanson	Washington-Liberty	0.51
2023	1150 N Ivanhoe St	1150 N Ivanhoe St	1	Cardinal	Swanson	Washington-Liberty	0.51
2023	811 N Harrison St	811 N Harrison St	1	Ashlawn	Kenmore	Washington-Liberty	0.47
2023	5208 Washington Blvd	5208 Washington Blvd	1	Cardinal	Swanson	Washington-Liberty	0.51
2023	919 N Cleveland St	919 N Cleveland St	1	Long Branch	Jefferson	Washington-Liberty	0.38
2023	735 N George Mason Dr	735 N George Mason Dr	1	Ashlawn	Swanson	Washington-Liberty	0.48
2023	817 N Woodrow St	817 N Woodrow St	1	Ashlawn	Swanson	Washington-Liberty	0.48
2023	620 N Vermont St	620 N Vermont St	1	Ashlawn	Swanson	Washington-Liberty	0.48
2023	4612 2nd St S (AD)	4612 2nd St S	1	Barcroft	Kenmore	Wakefield	0.83
2023	5809 4th St S	5809 4th St S	1	Carlin Springs	Kenmore	Washington-Liberty	0.39
2023	1706 N Nelson St	1706 N Nelson St	1	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	0.44
2023	5706 4Th St N	5706 4Th St N	1	Ashlawn	Kenmore	Washington-Liberty	0.47
2023	252 N Bryan St	252 N Bryan St	1	Long Branch	Jefferson	Washington-Liberty	0.38
2023	804 N Highland St	804 N Highland St	1	Long Branch	Jefferson	Washington-Liberty	0.38
2023	919 N Edgewood St	919 N Edgewood St	1	Long Branch	Jefferson	Washington-Liberty	0.38
2023	3119 9th St N	3119 9th St N	1	Long Branch	Jefferson	Washington-Liberty	0.38
2023	1215 N Buchanan St	1215 N Buchanan St	1	Cardinal	Swanson	Washington-Liberty	0.51
2023	1018 19th St S	1018 19th St S	1	Oakridge	Gunston	Wakefield	0.39
2023	1417 S Nelson St	1417 S Nelson St	1	Randolph	Jefferson	Wakefield	0.43
2023	1212 S Irving St	1212 S Irving St	1	Dr. Charles R. Drew	Jefferson	Wakefield	0.46
2023	2009 S Randolph St	2009 S Randolph St	1	Dr. Charles R. Drew	Jefferson	Wakefield	0.46
2023	3925 8th St S	3925 8th St S	1	Barcroft	Jefferson	Wakefield	0.42
2023	3920 7th St S	3920 7th St S	1	Barcroft	Jefferson	Wakefield	0.42
2023	904 S Randolph St	904 S Randolph St	1	Barcroft	Jefferson	Wakefield	0.42
2023	4025 9th St S	4025 9th St S	1	Barcroft	Jefferson	Wakefield	0.42
2023	820 S Oakland St	820 S Oakland St	1	Barcroft	Jefferson	Wakefield	0.42
2023	3903 9th St S	3903 9th St S	1	Barcroft	Jefferson	Wakefield	0.42
2023	708 S Lincoln St	708 S Lincoln St	1	Barcroft	Jefferson	Wakefield	0.42
2023	2710 1st Rd S	2710 1st Rd S	1	Alice W. Fleet	Jefferson	Wakefield	0.46
2023	3129 Key Blvd	3129 Key Blvd	1	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	0.44
2023	620 S Veitch St	620 S Veitch St	1	Alice W. Fleet	Jefferson	Wakefield	0.46
2023	1118 S Emerson St	1118 S Emerson St	1	Abingdon	Kenmore	Wakefield	0.52
2023	1127 28th St S	1127 28th St S	1	Oakridge	Gunston	Wakefield	0.39
2023	2725 S Arlington Ridge Rd	2725 S Arlington Ridge Rd	1	Oakridge	Gunston	Wakefield	0.39
2023	2007 S Joyce St	2007 S Joyce St	1	Oakridge	Gunston	Wakefield	0.39
2023	2320 S Fern St	2320 S Fern St	1	Oakridge	Gunston	Wakefield	0.39
2023	2618 S Joyce St	2618 S Joyce St	1	Oakridge	Gunston	Wakefield	0.39
2023	1007 18th St S	1007 18th St S	1	Oakridge	Gunston	Wakefield	0.39
2023	2727 S Lang St	2727 S Lang St	1	Oakridge	Gunston	Wakefield	0.39
2023	626 19th St S	626 19th St S	1	Oakridge	Gunston	Wakefield	0.39
2023	637 21st St S	637 21st St S	1	Oakridge	Gunston	Wakefield	0.39
2023	2917 18th St	2917 18th St	1	Dr. Charles R. Drew	Gunston	Wakefield	0.45
2023	Vernon St Duplex	1201 N VERNON ST	1	Glebe	Dorothy Hamm	Washington-Liberty	0.30
2023	2722 1st Rd S	2722 1st Rd S	1	Alice W. Fleet	Jefferson	Wakefield	0.46
2023	620 S Veitch St (AD)	620 S Veitch St	1	Alice W. Fleet	Jefferson	Wakefield	0.80
2023	1813 N Herndon St	1813 N Herndon St	1	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	0.44

Attachment B - Fall 2023 Housing Unit Forecast and Estimated Student Yields

Source for Housing Forecast is Arlington County Government, Fall 2023.

* Indicates project's completion date was amended by APS.

Forecast Year	Development Name	Address	Net New Units	2023-24 School Year			Estimate Students (K-12)
				Elementary	Middle	High	
2023	3914 17th St	3914 17th St	1	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	0.44
2023	1718 N Harvard St	1718 N Harvard St	1	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	0.44
2023	3128 Key Blvd	3128 Key Blvd	1	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	0.44
2023	3173 20th St	3173 20th St	1	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	0.44
2023	424 N Lincoln St (AD)	424 N Lincoln St	1	Long Branch	Jefferson	Washington-Liberty	0.24
2023	1800 N Harvard St	1800 N Harvard St	1	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	0.44
2023	4012 Vacation Ln	4012 Vacation Ln	1	Taylor	Dorothy Hamm	Washington-Liberty	0.46
2023	3813 13th St S (AD)	3813 13th St S	1	Randolph	Jefferson	Wakefield	1.30
2023	2008 S Quebec St (AD)	2008 S Quebec St	1	Dr. Charles R. Drew	Jefferson	Wakefield	0.58
2023	619 S Quincy St (AD)	619 S Quincy St	1	Barcroft	Jefferson	Wakefield	0.58
2023	1411 S Nelson St	1411 S Nelson St	1	Randolph	Jefferson	Wakefield	0.43
2023	2521 3rd St S (AD)	2521 3rd St S	1	Alice W. Fleet	Jefferson	Wakefield	0.80
2023	1722 S Nelson St	1722 S Nelson St	1	Randolph	Jefferson	Wakefield	0.43
2023	1114 17th St S (AD)	1114 17th St S	1	Oakridge	Gunston	Wakefield	0.37
2023	821 26th St S (AD)	821 26th St S	1	Oakridge	Gunston	Wakefield	0.37
2023	2320 S Fern St (AD)	2320 S Fern St	1	Oakridge	Gunston	Wakefield	0.37
2023	2810 S Arlington Ridge Rd (AD)	2810 S Arlington Ridge Rd	1	Oakridge	Gunston	Wakefield	0.37
2023	2155 S Ives St (AD)	2155 S Ives St	1	Oakridge	Gunston	Wakefield	0.37
2023	1106 17th St S (AD)	1106 17th St S	1	Oakridge	Gunston	Wakefield	0.37
2023	2906 20th St S (AD)	2906 20th St S	1	Dr. Charles R. Drew	Gunston	Wakefield	0.58
2023	3101 17th Rd S (AD)	3101 17th Rd S	1	Dr. Charles R. Drew	Gunston	Wakefield	0.58
2023	2918 18th St S (AD)	2918 18th St S	1	Dr. Charles R. Drew	Gunston	Wakefield	0.58
2023	4140 6th St S	4140 6th St S	1	Barcroft	Kenmore	Wakefield	0.43
2023	4645 4th St S	4645 4th St S	1	Barcroft	Kenmore	Wakefield	0.43
2023	3162 Key Blvd	3162 Key Blvd	1	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	0.44
2023	708 S Lincoln St (AD)	708 S Lincoln St	1	Barcroft	Jefferson	Wakefield	0.58
2023	3908 Millitary Rd	3908 Millitary Rd	1	Jamestown	Williamsburg	Yorktown	0.47
2023	3925 N Woodstock St	3925 N Woodstock St	1	Jamestown	Williamsburg	Yorktown	0.47
2023	4007 N Stuart St	4007 N Stuart St	1	Jamestown	Williamsburg	Yorktown	0.47
2023	4325 37th Rd	4325 37th Rd	1	Jamestown	Williamsburg	Yorktown	0.47
2023	3705 N Woodstock St	3705 N Woodstock St	1	Jamestown	Williamsburg	Yorktown	0.47
2023	3409 N Buchanan St	3409 N Buchanan St	1	Jamestown	Williamsburg	Yorktown	0.47
2023	3380 N Dickerson St	3380 N Dickerson St	1	Jamestown	Williamsburg	Yorktown	0.47
2023	4102 40th St N	4102 40th St N	1	Jamestown	Williamsburg	Yorktown	0.47
2023	3547 N Valley St	3547 N Valley St	1	Jamestown	Williamsburg	Yorktown	0.47
2023	3401 N Albemarle St	3401 N Albemarle St	1	Jamestown	Williamsburg	Yorktown	0.47
2023	4192 39th St N	4192 39th St N	1	Jamestown	Williamsburg	Yorktown	0.47
2023	3575 Roberts Ln	3575 Roberts Ln	1	Jamestown	Williamsburg	Yorktown	0.47
2023	3563 N Abingdon St	3563 N Abingdon St	1	Jamestown	Williamsburg	Yorktown	0.47
2023	3400 N Vermont St	3400 N Vermont St	1	Jamestown	Williamsburg	Yorktown	0.47
2023	3400 N Ohio St	3400 N Ohio St	1	Discovery	Williamsburg	Yorktown	0.52
2023	4830 33rd Rd N	4830 33rd Rd N	1	Jamestown	Williamsburg	Yorktown	0.47
2023	6305 36Th St N	6305 36Th St N	1	Discovery	Williamsburg	Yorktown	0.52
2023	5130 26th Rd N	5130 26th Rd N	1	Discovery	Williamsburg	Yorktown	0.52
2023	2707 N Wakefield St	2707 N Wakefield St	1	Discovery	Williamsburg	Yorktown	0.52
2023	3501 N Powhatan St	3501 N Powhatan St	1	Discovery	Williamsburg	Yorktown	0.52
2023	5407 36Th St N	5407 36Th St N	1	Discovery	Williamsburg	Yorktown	0.52
2023	4765 33rd St	4765 33rd St	1	Jamestown	Williamsburg	Yorktown	0.47
2023	5225 Little Falls Rd	5225 Little Falls Rd	1	Discovery	Williamsburg	Yorktown	0.52
2023	4509 39th St N	4509 39th St N	1	Jamestown	Williamsburg	Yorktown	0.47
2023	3306 N Peary St	3306 N Peary St	1	Jamestown	Williamsburg	Yorktown	0.47
2023	3830 30th Rd N	3830 30th Rd N	1	Jamestown	Williamsburg	Yorktown	0.47
2023	4620 36th St N	4620 36th St N	1	Jamestown	Williamsburg	Yorktown	0.47
2023	4929 34th Rd N	4929 34th Rd N	1	Jamestown	Williamsburg	Yorktown	0.47
2023	4532 39th St	4532 39th St	1	Jamestown	Williamsburg	Yorktown	0.47
2023	6301 28th St	6301 28th St	1	Nottingham	Williamsburg	Yorktown	0.53
2023	2785 N Wakefield St	2785 N Wakefield St	1	Discovery	Williamsburg	Yorktown	0.52
2023	1305 N Tuckahoe St	1305 N Tuckahoe St	1	Tuckahoe	Williamsburg	Yorktown	0.52
2023	6512 36th St	6512 36th St	1	Nottingham	Williamsburg	Yorktown	0.53
2023	5815 Little Falls Rd	5815 Little Falls Rd	1	Nottingham	Williamsburg	Yorktown	0.53
2023	3212 N Kensington St	3212 N Kensington St	1	Nottingham	Williamsburg	Yorktown	0.53
2023	5811 25th Rd	5811 25th Rd	1	Nottingham	Williamsburg	Yorktown	0.53
2023	1912 N Van Buren St	1912 N Van Buren St	1	Tuckahoe	Williamsburg	Yorktown	0.52
2023	6704 31st St N	6704 31st St N	1	Nottingham	Williamsburg	Yorktown	0.53
2023	6581 Little Falls Rd	6581 Little Falls Rd	1	Tuckahoe	Williamsburg	Yorktown	0.52
2023	5828 Little Falls Rd	5828 Little Falls Rd	1	Nottingham	Williamsburg	Yorktown	0.53
2023	2639 N Rockingham St	2639 N Rockingham St	1	Tuckahoe	Williamsburg	Yorktown	0.52
2023	1204 N Sycamore St	1204 N Sycamore St	1	Tuckahoe	Williamsburg	Yorktown	0.52
2023	2545 N Ridgeview Rd (AD)	2545 N Ridgeview Rd	1	Taylor	Dorothy Hamm	Yorktown	0.78
2023	6033 Washington Blvd (AD)	6033 Washington Blvd	1	Cardinal	Swanson	Yorktown	0.39
2023	4730 19th St N (AD)	4730 19th St N	1	Glebe	Swanson	Yorktown	0.44
2023	2251 N Burlington St (AD)	2251 N Burlington St	1	Discovery	Williamsburg	Yorktown	0.46
2023	2607 N Rockingham St	2607 N Rockingham St	1	Tuckahoe	Williamsburg	Yorktown	0.52
2023	6525 36th St N	6525 36th St N	1	Nottingham	Williamsburg	Yorktown	0.53
2023	6207 29th St N	6207 29th St N	1	Nottingham	Williamsburg	Yorktown	0.53
2023	6300 29th St N	6300 29th St N	1	Nottingham	Williamsburg	Yorktown	0.53
2023	3108 N Underwood St	3108 N Underwood St	1	Nottingham	Williamsburg	Yorktown	0.53
2023	2906 N Kensington St	2906 N Kensington St	1	Nottingham	Williamsburg	Yorktown	0.53
2023	6603 Williamsburg Blvd	6603 Williamsburg Blvd	1	Nottingham	Williamsburg	Yorktown	0.53
2023	5535 32nd St	5535 32nd St	1	Nottingham	Williamsburg	Yorktown	0.53
2023	6044 26Th Rd N	6044 26Th Rd N	1	Nottingham	Williamsburg	Yorktown	0.53
2023	3024 N Underwood St	3024 N Underwood St	1	Nottingham	Williamsburg	Yorktown	0.53
2023	5629 7th St N (AD)	5629 7th St N	1	Ashlawn	Kenmore	Washington-Liberty	0.60
2023	2507 N Potomac St	2507 N Potomac St	1	Nottingham	Williamsburg	Yorktown	0.53
2023	3205 23rd St N	3205 23rd St N	1	Taylor	Dorothy Hamm	Washington-Liberty	0.46
2023	6704 31st St N	6704 31st St N	1	Nottingham	Williamsburg	Yorktown	0.53
2023	2945 N Westmoreland St	2945 N Westmoreland St	1	Nottingham	Williamsburg	Yorktown	0.53
2023	6606 31st St N	6606 31st St N	1	Nottingham	Williamsburg	Yorktown	0.53
2023	5822 27th St N	5822 27th St N	1	Nottingham	Williamsburg	Yorktown	0.53
2023	The Grove at Dominion Hills - 856 N Madison St	856 N Madison St	1	Cardinal	Swanson	Yorktown	0.53
2023	The Grove at Dominion Hills - 844 N Madison St	844 N Madison St	1	Cardinal	Swanson	Yorktown	0.53
2023	2300 N Richmond St	2300 N Richmond St	1	Taylor	Dorothy Hamm	Yorktown	0.49
2023	3800 26th St N	3800 26th St N	1	Taylor	Dorothy Hamm	Yorktown	0.49
2023	4017 26th St	4017 26th St	1	Taylor	Dorothy Hamm	Yorktown	0.49
2023	2545 N Ridgeview Rd	2545 N Ridgeview Rd	1	Taylor	Dorothy Hamm	Yorktown	0.49
2023	2539 N Ridgeview Rd	2539 N Ridgeview Rd	1	Taylor	Dorothy Hamm	Yorktown	0.49
2023	1310 N Quintana St	1310 N Quintana St	1	Cardinal	Swanson	Yorktown	0.53
2023	5027 30Th St N	5027 30Th St N	1	Discovery	Williamsburg	Yorktown	0.52

Attachment B - Fall 2023 Housing Unit Forecast and Estimated Student Yields

Source for Housing Forecast is Arlington County Government, Fall 2023.

* Indicates project's completion date was amended by APS.

Forecast Year	Development Name	Address	Net New Units	2023-24 School Year			Estimate Students (K-12)
				Elementary	Middle	High	
2023	1075 N Ohio St	1075 N Ohio St	1	Cardinal	Swanson	Yorktown	0.53
2023	The Grove at Dominion Hills - 848 N Madison St	848 N Madison St	1	Cardinal	Swanson	Yorktown	0.53
2023	The Grove at Dominion Hills - 860 N Madison St	860 N Madison St	1	Cardinal	Swanson	Yorktown	0.53
2023	6023 21st St N	6023 21st St N	1	Cardinal	Swanson	Yorktown	0.53
2023	The Grove at Dominion Hills - 852 N Madison St	852 N Madison St	1	Cardinal	Swanson	Yorktown	0.53
2023	1505 N Longfellow St	1505 N Longfellow St	1	Cardinal	Swanson	Yorktown	0.53
2023	866 N Lebanon St	866 N Lebanon St	1	Cardinal	Swanson	Yorktown	0.53
2023	5208 Washington Blvd (AD)	5208 Washington Blvd	1	Cardinal	Swanson	Washington-Liberty	0.44
2023	806 N Greenbrier St (AD)	806 N Greenbrier St	1	Ashlawn	Kenmore	Washington-Liberty	0.60
2023	12 N Edison St (AD)	12 N Edison St	1	Barrett	Kenmore	Washington-Liberty	1.90
2023	5205 2nd St N (AD)	5205 2nd St N	1	Barrett	Kenmore	Washington-Liberty	1.90
2023	5618 5th St S (AD)	5618 5th St S	1	Carlin Springs	Kenmore	Washington-Liberty	1.15
2023	303 S Illinois St (AD)	303 S Illinois St	1	Carlin Springs	Kenmore	Washington-Liberty	1.15
2023	2549 N Ridgeview Rd	2549 N Ridgeview Rd	1	Taylor	Dorothy Hamm	Yorktown	0.49
2023	829 N Buchanan St (AD)	829 N Buchanan St	1	Ashlawn	Swanson	Washington-Liberty	0.35
2023	2649 Robert Walker Pl	2649 Robert Walker Pl	1	Taylor	Dorothy Hamm	Yorktown	0.49
2023	1202 N Columbus St (AD)	1202 N Columbus St	1	Cardinal	Swanson	Washington-Liberty	0.44
2023	4113 25th Pl	4113 25th Pl	1	Taylor	Dorothy Hamm	Yorktown	0.49
2023	3120 N Thomas St	3120 N Thomas St	1	Taylor	Dorothy Hamm	Yorktown	0.49
2023	2424 N Nelson St	2424 N Nelson St	1	Taylor	Dorothy Hamm	Yorktown	0.49
2023	5517 Yorktown Blvd	5517 Yorktown Blvd	1	Nottingham	Williamsburg	Yorktown	0.53
2023	3614 27th St N	3614 27th St N	1	Taylor	Dorothy Hamm	Yorktown	0.49
2023	5732 2nd St S (AD)	5732 2nd St S	1	Carlin Springs	Kenmore	Washington-Liberty	1.15
2023	3508 N Pocomoke St	3508 N Pocomoke St	1	Discovery	Williamsburg	Yorktown	0.52
2023	2253 N Nottingham St	2253 N Nottingham St	1	Tuckahoe	Swanson	Yorktown	0.51
2023	6212 35th St	6212 35th St	1	Discovery	Williamsburg	Yorktown	0.52
2023	5213 25th Rd N	5213 25th Rd N	1	Discovery	Williamsburg	Yorktown	0.52
2023	6101 35th St N	6101 35th St N	1	Discovery	Williamsburg	Yorktown	0.52
2023	5117 33rd St N	5117 33rd St N	1	Discovery	Williamsburg	Yorktown	0.52
2023	5231 32nd St N	5231 32nd St N	1	Discovery	Williamsburg	Yorktown	0.52
2023	6022 22nd Rd N	6022 22nd Rd N	1	Tuckahoe	Swanson	Yorktown	0.51
2023	3525 N Ohio St	3525 N Ohio St	1	Discovery	Williamsburg	Yorktown	0.52
2023	1940 N Roosevelt St	1940 N Roosevelt St	1	Tuckahoe	Swanson	Yorktown	0.51
2023	5409 32nd St N	5409 32nd St N	1	Discovery	Williamsburg	Yorktown	0.52
2023	4930 Rock Spring Rd	4930 Rock Spring Rd	1	Discovery	Williamsburg	Yorktown	0.52
2023	3577 N Powhatan St	3577 N Powhatan St	1	Discovery	Williamsburg	Yorktown	0.52
2023	3612 N Rockingham St	3612 N Rockingham St	1	Discovery	Williamsburg	Yorktown	0.52
2023	3620 N Kensington St	3620 N Kensington St	1	Discovery	Williamsburg	Yorktown	0.52
2023	3452 N Emerson St	3452 N Emerson St	1	Discovery	Williamsburg	Yorktown	0.52
2023	5119 Yorktown Blvd	5119 Yorktown Blvd	1	Discovery	Williamsburg	Yorktown	0.52
2023	The Grove at Dominion Hills - 876 N Madison St	876 N Madison St	1	Cardinal	Swanson	Yorktown	0.53
2023	2232 N Quantico St	2232 N Quantico St	1	Tuckahoe	Swanson	Yorktown	0.51
2023	The Grove at Dominion Hills - 868 N Madison St	868 N Madison St	1	Cardinal	Swanson	Yorktown	0.53
2023	The Grove at Dominion Hills - 872 N Madison St	872 N Madison St	1	Cardinal	Swanson	Yorktown	0.53
2023	5408 23rd St N	5408 23rd St N	1	Nottingham	Swanson	Yorktown	0.53
2023	The Grove at Dominion Hills - 864 N Madison St	864 N Madison St	1	Cardinal	Swanson	Yorktown	0.53
2023	1809 N Cameron St	1809 N Cameron St	1	Glebe	Swanson	Yorktown	0.51
2023	5601 24Th St N	5601 24Th St N	1	Nottingham	Swanson	Yorktown	0.53
2023	1829 N Columbus St	1829 N Columbus St	1	Glebe	Swanson	Yorktown	0.51
2023	5429 19th St N	5429 19th St N	1	Glebe	Swanson	Yorktown	0.51
2023	5155 19th Rd N	5155 19th Rd N	1	Glebe	Swanson	Yorktown	0.51
2023	6404 Washington Blvd	6404 Washington Blvd	1	Tuckahoe	Swanson	Yorktown	0.51
2023	1827 N Culpeper St	1827 N Culpeper St	1	Glebe	Swanson	Yorktown	0.51
2024	Holiday Inn	1900 FORT MYER DR	490	Innovation	Dorothy Hamm	Yorktown	13.72
2024	Haven Columbia Pike - Affordability Change - add CAF. Macy's Sending Site	5100 7th RD S	118	Carlin Springs	Kenmore	Washington-Liberty	91.92
2024	11th and Vermont Residences South Block -Garden	1031 N VERMONT ST	98	Ashlawn	Swanson	Washington-Liberty	12.15
2024	The Grove at Dominion Hills	845 MCKINLEY RD	15	Cardinal	Swanson	Yorktown	7.98
2024	Haven Columbia Pike - Affordability Change remove Market Rate	5100 7th RD S	-118	Carlin Springs	Kenmore	Washington-Liberty	-65.25
2025	Potomac Yard Land Bay C East	2901 Crystal Drive	491	Oakridge	Gunston	Wakefield	44.68
2025	Crystal Plaza 1 - East Building	2001 S CLARK ST	420	Oakridge	Gunston	Wakefield	38.22
2025	Crystal Plaza 1 - West Building	2001 S CLARK ST	338	Oakridge	Gunston	Wakefield	21.29
2025	Carr Office Building	2025 CLARENDON BLVD	231	Innovation	Dorothy Hamm	Yorktown	33.26
2025	Marbella Phase 1	1300 N PIERCE ST	203	Innovation	Dorothy Hamm	Yorktown	108.20
2025	2515 Lee Hwy	2515 LANGSTON BLVD	22	Taylor	Dorothy Hamm	Washington-Liberty	3.43
2025	The Grove at Dominion Hills	6189 8th Pl N	16	Cardinal	Swanson	Yorktown	8.51
2026	Ballston Macy's Residential	685 N GLEBE RD	553	Long Branch	Swanson	Washington-Liberty	45.35
2026	The Elliot	2607 COLUMBIA PIKE	247	Alice W. Fleet	Jefferson	Wakefield	34.58
2026	Harris Teeter and American Service Center Phase 2	600 N GLEBE RD	227	Barrett	Swanson	Washington-Liberty	11.12
2026	1200 N Courthouse Rd	1200 N COURTHOUSE RD	180	Arlington Science Focus	Dorothy Hamm	Yorktown	7.20
2026	Shirlington Parking Lot	Arlington Mill and S Randolph	165	Abingdon	Gunston	Wakefield	23.27
2026	Crystal Houses 6 (senior housing)	1900 S EADS ST	80	Oakridge	Gunston	Wakefield	0.00
2026	Green Valley UCMUD	2608 SHIRLINGTON RD	30	Dr. Charles R. Drew	Gunston	Wakefield	2.91
2026	GLEBE ad 23RD ST S	GLEBE ad 23RD ST S	22	Dr. Charles R. Drew	Gunston	Wakefield	4.18
2026	Green Valley	2427 SHIRLINGTON RD	19	Dr. Charles R. Drew	Gunston	Wakefield	1.84
2026	4601-4607 LANGSTON BLVD	4601 LANGSTON BLVD	12	Discovery	Williamsburg	Yorktown	5.56
2026	Honeysuckle Hills URD	6122 LEE HIGHWAY	2	Tuckahoe	Swanson	Yorktown	1.03
2027	Americana Hotel	1400 RICHMOND HWY	639	Hoffman-Boston	Gunston	Wakefield	36.42
2027	Crystal Houses 3	1900 S EADS ST	432	Oakridge	Gunston	Wakefield	257.90
2027	RCA Building	1901 N MOORE ST	423	Innovation	Dorothy Hamm	Yorktown	60.91
2027	Clarendon Joyce Motors block	1000 N Irving ST	241	Arlington Science Focus	Jefferson	Washington-Liberty	28.44
2027	Arlington View Terrace West	1429 S ROLFE ST	43	Hoffman-Boston	Jefferson	Washington-Liberty	25.71
2028	RiverHouse South	1600 S JOYCE ST	1043	Hoffman-Boston	Gunston	Wakefield	59.45
2028	Holiday Inn Ballston	4610 FAIRFAX DR	450	Ashlawn	Swanson	Washington-Liberty	13.95
2028	Crystal Towers Infill	1600 S EADS ST	209	Hoffman-Boston	Gunston	Wakefield	11.91
2028	Best Western	1501 ARLINGTON BLVD	48	Innovation	Dorothy Hamm	Yorktown	6.91
2028	Williamsburg Apst	1501 N PIERCE ST	14	Innovation	Dorothy Hamm	Yorktown	0.39
2028	Crystal Houses 8	1900 S EADS ST	14	Oakridge	Gunston	Wakefield	0.88
2028	Melwood - SGLUPS	750 23rd ST S	12	Oakridge	Gunston	Wakefield	7.16
2028	Goodwill	10 S GLEBE RD	10	Barcroft	Jefferson	Wakefield	7.37
2028	Crystal Houses 7	1900 S EADS ST	7	Oakridge	Gunston	Wakefield	0.44
2029	Key Bridge Marriot	1401 LANGSTON BLVD	451	Taylor	Dorothy Hamm	Yorktown	16.69
2029	New Century Center Residential	200 23rd ST S	302	Oakridge	Gunston	Wakefield	19.03
2029	Merion Pike West - Phase 1	871 S GREENBRIER ST	292	Carlin Springs	Kenmore	Washington-Liberty	115.92
2029	Courthouse West Special GLUP	1415 N DANVILLE ST	270	Innovation	Dorothy Hamm	Washington-Liberty	8.64
2029	Pershing Special GLUP	2201 ARLINGTON BLVD	251	Long Branch	Jefferson	Washington-Liberty	25.85
2029	Wakefield Manor	2025 FAIRFAX DR	104	Innovation	Dorothy Hamm	Yorktown	14.98
2029	Crystal Houses 5	22nd ST S and S EADS ST	89	Oakridge	Gunston	Wakefield	53.13
2029	2612 SHIRLINGTON RD	2612 SHIRLINGTON RD	55	Dr. Charles R. Drew	Gunston	Wakefield	18.98

Attachment B - Fall 2023 Housing Unit Forecast and Estimated Student Yields

Source for Housing Forecast is Arlington County Government, Fall 2023.

* Indicates project's completion date was amended by APS.

Forecast Year	Development Name	Address	Net New Units	2023-24 School Year			Estimate Students (K-12)
				Elementary	Middle	High	
2029	NAUCK	2428 SHIRLINGTON RD	38	Dr. Charles R. Drew	Gunston	Wakefield	13.11
2029	GREEN VALLEY	2323 SHIRLINGTON RD	27	Dr. Charles R. Drew	Gunston	Wakefield	9.32
2029	Fort Henry Garden Apartments	2470 S LOWELL ST	22	Dr. Charles R. Drew	Gunston	Wakefield	11.13
2029	Fort Henry Garden Apartments	2470 S LOWELL ST	22	Dr. Charles R. Drew	Gunston	Wakefield	11.13
2030	East falls church - Metro Parcel	EAST FALL CHURCH METRORAIL	527	Tuckahoe	Williamsburg	Yorktown	28.99
2030	Ames Building - south tower	1820 FORT MYER DR	385	Innovation	Dorothy Hamm	Yorktown	55.44
2030	Bingham Center	3260 WILSON BLVD	290	Arlington Science Focus	Jefferson	Washington-Liberty	18.56
2030	Marbella Phase 2	1301 N PIERCE ST	279	Innovation	Dorothy Hamm	Yorktown	148.71
2030	FBC Project George Mason and Columbia Pike	4140 COLUMBIA PIKE	200	Randolph	Jefferson	Wakefield	17.20
2030	Crystal Houses 4	1900 S EADS ST	168	Oakridge	Gunston	Wakefield	15.29
2030	Triangle Parcel - 2220 FAIRFAX DR	2220 FAIRFAX DR	20	Long Branch	Jefferson	Yorktown	7.06
2030	Columbia Heights Condo EAST	5224 8th RD S	17	Carlin Springs	Kenmore	Washington-Liberty	9.40
2030	1104 N RANDOLPH ST	1104 N RANDOLPH ST	6	Arlington Science Focus	Swanson	Washington-Liberty	1.37
2031	Crystal City	223 23rd ST S	500	Oakridge	Gunston	Wakefield	31.50
2031	Crystal City -TBD	223 23rd ST S	329	Oakridge	Gunston	Wakefield	20.73
2031	Wells Fargo Clarendon	3140 WASHINGTON BLVD	238	Arlington Science Focus	Jefferson	Washington-Liberty	15.23
2031	YMCA Site	3422 13th ST N	193	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	8.49
2031	2400 Columbia Pike	2406 COLUMBIA PIKE	105	Dr. Charles R. Drew	Jefferson	Wakefield	12.08
2031	Crystal City	223 23rd ST S	103	Oakridge	Gunston	Wakefield	6.49
2031	Cherrydale Plan	2113 N QUEBEC ST	83	Taylor	Dorothy Hamm	Washington-Liberty	3.40
2031	2701 WILSON BLVD	2701 WILSON BLVD	63	Innovation	Dorothy Hamm	Washington-Liberty	2.02
2031	Funeral Home Site	4510 WILSON BLVD	41	Ashlawn	Swanson	Washington-Liberty	1.27
2031	6876 LANGSTON BLVD	6876 LANGSTON BLVD	16	Tuckahoe	Williamsburg	Yorktown	0.88
2032	Columbia Pike Plan	5017 COLUMBIA PIKE	447	Carlin Springs	Kenmore	Washington-Liberty	35.76
2032	Ames Building - north tower	1820 FORT MYER DR	345	Innovation	Dorothy Hamm	Yorktown	49.68
2032	The Spire	4420 FAIRFAX DR	237	Ashlawn	Swanson	Washington-Liberty	7.35
2032	Strayer Block	2121 15th ST N	209	Arlington Science Focus	Dorothy Hamm	Yorktown	8.36
2032	North Quincy Street Plan	501 N RANDOLPH ST	99	Long Branch	Jefferson	Washington-Liberty	5.05
2032	Clarendon Sector Plan	3206 10th ST N	71	Long Branch	Jefferson	Washington-Liberty	3.62
2032	Fort Myer Heights North	1601 FAIRFAX DR	59	Innovation	Dorothy Hamm	Yorktown	1.65
2032	2415 SHIRLINGTON RD	2415 SHIRLINGTON RD	39	Dr. Charles R. Drew	Gunston	Wakefield	7.41
2032	4241 COLUMBIA PIKE	4241 COLUMBIA PIKE	36	Barcroft	Kenmore	Wakefield	3.31
2032	Washington BLVD - East Falls Church	Washington BLVD - East Falls Church	25	Tuckahoe	Williamsburg	Yorktown	7.05
2032	6505 WASHINGTON BLVD	6505 WASHINGTON BLVD	2	Tuckahoe	Williamsburg	Yorktown	0.56
2033	RiverHouse Central	1400 S JOYCE ST	856	Hoffman-Boston	Gunston	Wakefield	48.79
2033	Virginia Square	927 N KANSAS ST	312	Arlington Science Focus	Swanson	Washington-Liberty	13.73
2033	1401 Wilson Blvd - Phase 1 (Residential)	1401 WILSON BLVD	274	Innovation	Dorothy Hamm	Yorktown	7.67
2033	3401 COLUMBIA PIKE	3401 COLUMBIA PIKE	200	Alice W. Fleet	Jefferson	Wakefield	28.00
2033	2107 SHIRLINGTON RD	2107 SHIRLINGTON RD	19	Dr. Charles R. Drew	Gunston	Wakefield	3.61

**Fall 2022 Student Generation Rates
for 2022-23 School Boundaries
by School and Housing Type**

Elementary School Level (K-5) ¹	Single Family Detached	Single Family Detached with Accessory Dwelling	Townhome	Duplex	Multi-family Elevator			Multi-family Garden			Condo		Total by School
					Market Rate	Mixed Income	CAF Only ³	Market Rate	Mixed Income	CAF Only	Elevator	Garden	
Abingdon Elementary School	0.282	0.333	0.077	0.117	0.112	0.087	-	0.016	-	0.348	0.014	0.085	0.123
Alice West Fleet Elementary School	0.231	0.500	0.123	0.148	0.093	-	0.254	0.099	-	0.041	0.065	0.018	0.133
Arlington Science Focus Elementary	0.198	0.333	0.136	0.032	0.024	0.035	-	0.031	-	0.266	0.022	0.014	0.046
Ashlawn Elementary School	0.225	0.200	0.057	0.069	0.011	0.018	0.244	0.020	-	0.473	0.005	0.020	0.094
Barcroft Elementary School	0.191	-	0.111	-	0.040	-	0.459	0.584	-	0.237	0.072	0.067	0.162
Barrett Elementary School	0.192	1.500	0.156	-	0.029	0.143	-	0.142	0.323	0.325	0.014	0.029	0.150
Cardinal Elementary School	0.252	-	0.217	0.030	-	-	-	0.042	-	0.159	-	-	0.218
Carlin Springs Elementary School	0.148	0.750	0.078	0.296	-	0.265	0.303	0.308	-	0.415	0.126	0.110	0.230
Discovery Elementary School	0.232	0.333	0.132	0.182	-	-	-	0.333	-	-	-	-	0.228
Dr. Charles R. Drew Elementary School	0.230	-	0.076	0.188	0.068	0.051	0.194	0.220	-	0.389	0.258	0.030	0.120
Glebe Elementary School	0.226	0.333	0.119	0.156	0.116	-	-	0.130	-	0.286	0.039	0.043	0.173
Hoffman-Boston Elementary School	0.157	-	0.121	0.080	0.028	0.046	-	0.108	-	0.191	0.015	0.054	0.040
Innovation Elementary School	0.167	-	0.118	0.156	0.012	0.080	0.249	0.030	0.015	0.175	0.020	0.022	0.040
Jamestown Elementary School	0.188	0.500	0.055	-	-	-	-	-	-	-	-	-	0.185
Long Branch Elementary School	0.150	0.083	0.047	0.034	0.011	0.020	0.231	0.060	0.090	0.077	0.020	0.031	0.078
Nottingham Elementary School	0.246	-	0.106	-	-	-	-	0.205	-	-	-	0.054	0.237
Oakridge Elementary School	0.177	0.071	0.090	0.103	0.034	-	0.285	0.094	0.082	0.376	0.023	0.038	0.085
Randolph Elementary School	0.198	1.000	0.053	0.100	0.039	-	-	0.183	0.285	0.205	-	-	0.181
Taylor Elementary School	0.215	0.667	0.086	0.138	0.021	0.005	-	0.064	-	0.176	0.025	0.016	0.119
Tuckahoe Elementary School	0.234	0.571	0.194	0.220	-	0.047	-	0.061	-	-	0.039	0.077	0.193
Total	0.214	0.283	0.108	0.146	0.035	0.060	0.283	0.102	0.156	0.260	0.027	0.057	0.104

Middle School Level (6-8) ²	Single Family Detached	Single Family Detached with Accessory Dwelling	Townhome	Duplex	Multi-family Elevator			Multi-family Garden			Condo		Total by School
					Market Rate	Mixed Income	CAF Only ³	Market Rate	Mixed Income	CAF Only	Elevator	Garden	
Dorothy Hamm Middle School	0.109	-	0.048	0.031	0.007	0.028	0.133	0.026	-	0.096	0.008	0.007	0.030
Gunston Middle School	0.077	-	0.051	0.067	0.009	0.012	0.134	0.038	0.031	0.193	0.008	0.027	0.027
Jefferson Middle School	0.094	-	0.043	0.063	0.027	0.037	0.100	0.045	0.060	0.103	0.025	0.026	0.057
Kenmore Middle School	0.104	0.308	0.051	0.130	0.032	0.086	0.166	0.179	-	0.162	0.042	0.059	0.092
Swanson Middle School	0.116	0.063	0.035	0.045	0.007	0.016	0.156	0.038	0.125	0.134	0.005	0.011	0.048
Williamsburg Middle School	0.119	0.083	0.035	0.096	-	0.019	-	0.083	-	-	0.016	0.026	0.107
Total	0.107	0.061	0.043	0.071	0.011	0.025	0.136	0.048	0.062	0.132	0.012	0.024	0.048

High School Level (9-12) ²	Single Family Detached	Single Family Detached with Accessory Dwelling	Townhome	Duplex	Multi-family Elevator			Multi-family Garden			Condo		Total by School ³
					Market Rate	Mixed Income	CAF Only ³	Market Rate	Mixed Income	CAF Only	Elevator	Garden	
Wakefield High School	0.138	0.235	0.063	0.102	0.020	0.019	0.178	0.087	0.072	0.186	0.021	0.038	0.060
Washington-Liberty High School	0.137	0.091	0.058	0.113	0.013	0.046	0.215	0.066	0.148	0.202	0.017	0.041	0.065
Yorktown High School	0.164	0.048	0.053	0.041	0.009	0.036	0.151	0.047	-	0.173	0.010	0.011	0.080
Total	0.150	0.131	0.057	0.100	0.015	0.034	0.183	0.068	0.107	0.186	0.015	0.033	0.067

K-12	Single Family Detached	Single Family Detached with Accessory Dwelling	Townhome	Duplex	Multi-family Elevator			Multi-family Garden			Condo		Total by School
					Market Rate	Mixed Income	CAF Only ³	Market Rate	Mixed Income	CAF Only	Elevator	Garden	
Total	0.471	0.475	0.209	0.317	0.062	0.120	0.601	0.218	0.325	0.579	0.054	0.114	0.219

2020 Master Housing Unit Database (MHUD) housing by type shares³	22.93%	0.08%	3.71%	2.19%	25.63%	9.70%	1.03%	6.93%	1.71%	4.18%	12.24%	9.67%	100.00%
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¹ Rates reflect the updated elementary school boundaries which took effect in the 2021-22 school year.

² Rates reflect the updated middle and high school boundaries which took effect in the 2022-23 school year.

³ Excludes Apartment Elevator Senior Housing

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 and not included in the student generation rates for reasons such as (i) they are children of employees who live outside Arlington County or (ii) they are homeless or in foster care outside Arlington County, or live at a shelter. In other circumstances, the county's MHUD data does not include residential parcels to associate with a student's resident housing type, such as on Joint Base Myer-Henderson Hall (federal jurisdiction).

Source:

Rates are based on September 30, 2022 APS Enrollments (Grades K-12) and July 1, 2022 Master Housing Unit Database (MHUD) from Arlington County Government, CPHD, Planning Division.

Attachment D: Background on Projections

Consultant and Community Review *The 2015 Community Facilities Study (CFS)* included a review of changing demographics. (Community Facility Study, p. 48)

Source: <https://commissions.arlingtonva.us/community-facilities-study/>

This 2015 study came out of concerns about the accuracy of the County's and Schools' forecasts and projections, given the significant growth in school enrollment in recent years and projections indicating that the pace of growth would continue over the next decade. The County and Schools brought in consultants from Statistical Forecasting and RLS Demographics to review and evaluate the County's and Schools' methodologies.

- The consultants concluded that the forecast and projection methodologies¹ employed by the County and Schools are valid and appropriate for Arlington.
- The consultants also determined that two different datasets and methodologies are necessary to meet different purposes.
- While the consultants validated the forecast and projection methodologies, they recommended steps that could be taken to further improve accuracy.

Recommendation	Steps APS has taken to date
<p><u>APS</u>: develop annual reports on projections and improve projections webpages</p> <p><u>County</u>: document the forecast methodology comprehensively</p>	<ul style="list-style-type: none">• Revised format of Annual 10-Year Projections Report<ul style="list-style-type: none">– Clarify methodology– Show data inputs www.apsva.us/wp-content/uploads/2019/02/Fall-2019-28-APS-Enrollment-Report_v12_.pdf• Reorganized, more user-friendly projections webpage: www.apsva.us/statistics/enrollment-projections/
<p><u>County</u>: refine school enrollment projections by analyzing housing data such as unit type, number of bedrooms and length of homeownership</p>	<p>The county provides APS with housing data by type and affordability, that is used by APS to develop student generation rates.</p> <p>More information available via Joint School Board-County Board Work Session on Dec. 3, 2019</p> <ul style="list-style-type: none">• Collaboration and data sharing to inform school projections• In-depth information about analyses of housing unit type <p>go.boarddocs.com/vsba/arlington/Board.nsf/files/BJHVTB824303/\$file/120319%20Joint%20Work%20Session%20-Projections%20and%20Population%20Growth%20Presentation%20-%20rev.pdf</p>

¹ Statistical Forecasting LLC and RLS Demographics Inc. (2015). A Review of Projection Methodologies for the Arlington County Government and Arlington Public Schools. Retrieved from <http://www.arlingtonva.us/>

Recommendation	Steps APS has taken to date
<p><u>APS</u>: monitor emerging trends in multi-family housing and potential changes in student generation rates</p>	<p>The 10-Year Projection Reports annually update student generation rates by housing types More information available via Joint School Board-County Board Work Session on Dec. 3, 2019; in-depth information about:</p> <ul style="list-style-type: none"> • Emerging trends in multi-family housing • Changes in student generation rates <p>go.boarddocs.com/vsba/arlington/Board.nsf/files/BJHVTB824303/\$file/120319%20Joint%20Work%20Session%20-Projections%20and%20Population%20Growth%20Presentation%20-%20rev.pdf</p>
<p><u>County</u>: Supplement County forecasts with a cohort-component and demographic analysis, which could help predict future births and students by focusing on the County's population of women of childbearing age and fertility rates</p>	<ul style="list-style-type: none"> • More information available via Joint School Board-County Board Work Session on Dec. 3, 2019, which included factors to predict future births: <ul style="list-style-type: none"> – Cohort component – Demographic analysis • Contracted RLS Demographics in Fall 2019 to update County forecast model, the Cohort Projection system (last updated in 2016).² <p>Key findings:</p> <ul style="list-style-type: none"> – Comparisons of forecasted and actual births for 2017 and 2018 showed that births were over-estimated in the forecast model – Total Fertility Rate estimated to decline from 1.44 for 2010-2015 to 1.34 in 2015-2020 – Reduced level of in-migration for ages 20-29, compared with 2016 model³ <p>go.boarddocs.com/vsba/arlington/Board.nsf/files/BJHVTB824303/\$file/120319%20Joint%20Work%20Session%20-Projections%20and%20Population%20Growth%20Presentation%20-%20rev.pdf</p>

² RLS Demographics' update of the birth forecasts includes:

- The latest AGC population forecast (Round 9.1)
- Updated analysis of age-specific fertility rates using 2010 to 2018 historical birth data and US Census bureau estimates of the distribution of the female population by age
- Updated analysis of age-specific migration using US Census Bureau estimates up to July 1, 2018

³ The updated migration uses the latest Census estimates extrapolated to 2020

Consultant Review

March 2017 Review of APS' Enrollment Projection Process (Presented to School Board on April 6, 2017)

<https://www.apsva.us/wp-content/uploads/2015/04/March-22-2017-Projections-Review-Report.pdf>

In Spring 2017, Statistical Forecasting was hired by APS to review the enrollment projection process and to offer recommendations on standardizing the process for the future. As a result, the following steps were taken:

- In September 2017, a reorganization moved the Director of Facilities Planning and responsibility for enrollment projections from Facilities and Operations to the new Department of Planning and Evaluation.
- APS started to implement the recommendations in the 2017 10-Year Projections.
- In January of 2018, APS hired a principal planner to oversee the projections process.
- The 2018 10-Year Projections did the following:
 - Continued to build upon the recommendations defined in the Statistical Forecasting report
 - Factored in new boundaries for 2019-20 for elementary and middle school, and changes to the Options and Transfer Policy
- The work plan for the enrollment projections builds three reviews into the process, including:
 - An internal review in the summer and again in November by:
 - APS staff in P&E, Finance & Management Services, and Facilities & Operations
 - County government staff from CPHD
 - Statistical Forecasting consultant
 - An external review with representatives from the community and advisory committees in November
- Additional work was done in 2019 by RLS Demographics to update the Arlington County births forecast model, the Cohort Projection System, last updated in 2016.

Attachment E. K-12 Projections Accuracy: Comparison of September 30th Membership and Prior Year's Projections

	Fall 2017				Fall 2018				Fall 2019			
	Proj. Fall 2016 (1 Yr Prior)	Sept 30, 2017	Diff from Proj	% of Proj.	Proj. Fall 2017 (1 Yr Prior)	Sept 30, 2018	Diff from Proj	% of Proj.	Proj. Fall 2018 (1 Yr Prior)	Sept 30, 2019	Diff from Proj	% of Proj.
Abingdon ⁶	609	619	10	102%	649	633	-16	98%	666	704	38	106%
Alice West Fleet (formerly Patrick Henry) ^{5,6}	627	623	-4	99%	659	602	-57	91%	536	574	38	107%
Arlington Science Focus ⁸	655	663	8	101%	667	680	13	102%	683	714	31	105%
Arlington Traditional ⁷	504	501	-3	99%	526	527	1	100%	576	554	-22	96%
Ashlawn ⁸	654	661	7	101%	680	746	66	110%	766	708	-58	92%
Barcroft ⁶	400	392	-8	98%	397	396	-1	100%	460	399	-61	87%
Barrett	501	479	-22	96%	462	495	33	107%	493	501	8	102%
Campbell	367	362	-5	99%	373	395	22	106%	430	401	-29	93%
Cardinal (formerly McKinley) ^{7,8}	740	790	50	107%	781	790	9	101%	807	782	-25	97%
Carlin Springs	508	518	10	102%	511	529	18	104%	523	548	25	105%
Claremont	718	708	-10	99%	734	715	-19	97%	713	711	-2	100%
Discovery	571	598	27	105%	570	570	0	100%	562	562	0	100%
Dr. Charles R Drew (formerly Drew Model) ⁶	532	561	29	105%	572	561	-11	98%	444	386	-58	87%
Escuela Key (formerly Key) ⁷	713	706	-7	99%	762	691	-71	91%	694	676	-18	97%
Glebe	579	614	35	106%	601	580	-21	97%	595	563	-32	95%
Hoffman-Boston ⁶	368	362	-6	98%	349	383	34	110%	481	432	-49	90%
Innovation ^{7,8}	-	-	-	-	-	-	-	-	-	-	-	-
Jamestown	525	553	28	105%	546	557	11	102%	562	565	3	101%
Long Branch ⁶	565	564	-1	100%	598	566	-32	95%	436	486	50	111%
Montessori Public School ⁵	-	-	-	-	-	-	-	-	335	359	24	107%
Nottingham	498	523	25	105%	532	499	-33	94%	493	468	-25	95%
Oakridge ⁶	781	774	-7	99%	791	764	-27	97%	590	575	-15	97%
Randolph	414	412	-2	100%	418	401	-17	96%	413	410	-3	99%
Taylor ⁸	690	666	-24	97%	657	659	2	100%	658	679	21	103%
Tuckahoe ⁸	564	525	-39	93%	516	519	3	101%	512	507	-5	99%
Gr K-5 Total	13,083	13,174	91	101%	13,351	13,258	-93	99%	13,428	13,264	-164	99%
Dorothy Hamm ^{3,4}	-	-	-	-	-	-	-	-	714	737	23	103%
Gunston ⁴	1,036	987	-49	95%	1,070	1,025	-45	96%	1,072	1,125	53	105%
H-B Woodlawn	249	249	0	100%	249	244	-5	98%	243	244	1	100%
Jefferson ⁴	1,015	1,047	32	103%	1,132	1,138	6	101%	1,131	1,082	-49	96%
Kenmore ⁴	931	913	-18	98%	942	957	15	102%	1,126	987	-139	88%
Swanson ⁴	1,239	1,223	-16	99%	1,260	1,251	-9	99%	985	972	-13	99%
Williamsburg ⁴	1,257	1,252	-5	100%	1,353	1,322	-31	98%	909	963	54	106%
Gr 6-8 Total	5,727	5,671	-56	99%	6,006	5,937	-69	99%	6,180	6,110	-70	99%
Arlington Career Center (Full-Time) ¹⁰	-	-	-	-	-	-	-	-	-	171	-	-
Arlington Tech ^{9,10}	140	113	-27	81%	313	196	-117	63%	346	293	-53	85%
H-B Woodlawn	451	439	-12	97%	444	454	10	102%	459	483	24	105%
Wakefield ²	1,968	2,010	42	102%	2,139	2,059	-80	96%	2,215	2,080	-135	94%
Washington-Liberty ^{1,2}	2,391	2,207	-184	92%	2,153	2,226	73	103%	2,153	2,127	-26	99%
Yorktown ¹	1,941	1,930	-11	99%	2,054	1,998	-56	97%	2,106	2,122	16	101%
Gr 9-12 Total	6,891	6,699	-192	97%	7,103	6,933	-170	98%	7,279	7,276	-3	100%
Secondary Schools with Future Enrollment Based on Prior Year's Enrollment of Program Estimates (not projected)												
Gr 6-8, E.K.Shriver (formerly Stratford)	24	19	-5	79%	22	13	-9	59%	13	9	-4	69%
Gr 9-12, E.K.Shriver (formerly Stratford)	36	33	-3	92%	33	36	3	109%	36	38	2	106%
Gr 9-12, Arlington Community	85	100	15	118%	100	91	-9	91%	91	84	-7	92%
Gr 9-12, Langston	69	104	35	151%	104	121	17	116%	121	108	-13	89%
Gr 9-12, New Directions Program	-	-	-	-	-	-	-	-	-	17	-	-
No Projections Provided for Virtual Learning Program												
Gr K-12 Virtual Learning Program	-	-	-	-	-	-	-	-	-	-	-	-
Total for Not Projected	214	256	42	120%	259	261	2	101%	261	256	-5	98%
Total K-12	25,915	25,800	-115	100%	26,719	26,389	-330	99%	27,148	26,906	-242	99%
Color codes, % of Projections	Below 95% of Proj. Above 105% of Proj.											

Footnotes pertain to boundary or school location changes which might impact enrollment trends used for enrollment projections:

¹ Planning units reassigned from Washington-Liberty High School boundary to the Yorktown High School boundary zone, took effect Sept. 2017, <https://www.apsva.us/engage/high-school-boundary-refinements/>

² Planning unit reassigned from Washington-Lee High School boundary to the Wakefield High School boundary zone, took effect Sept. 2017, <https://www.apsva.us/engage/high-school-boundary-refinements/>

³ Dorothy Hamm Middle School opened Sept. 2019. A boundary for the new school (then known as the Stratford site) was approved Fall 2017, <https://www.apsva.us/engage/middle-school-boundary-change/>

⁴ Middle School boundary adjustments took effect Sept 2019 to create an attendance zone for Dorothy Hamm Middle School (then known as the Stratford site) and balance enrollment across all neighborhood middle schools.

⁵ As of Sept. 2019, the Montessori Program at Drew Model School moved to the Patrick Henry site, now known as the Montessori Public School of Arlington, <https://www.apsva.us/engage/montessori/>

⁶ Alice West Fleet Elementary School opened Sept. 2019. Also as of Sept. 2019, Drew Model School became a neighborhood school, Dr. Charles R. Drew Elementary School. Attendance zone boundaries were adjusted to accommodate the two new neighborhood schools which took effect Sept. 2019. Boundaries were adjusted for the following elementary schools (names pertain to Fall 2018): Abingdon, Drew, Barcroft, Patrick Henry, Hoffman-Boston, Long Branch, Oakridge, and a new boundary for Alice West Fleet. See <https://www.apsva.us/engage/elementary-school-boundary-change/>

⁷ In Feb. 2020, the School Board approved moving the majority of McKinley students to the new school at the Reed site (Cardinal), the Arlington Traditional School (ATS) program to the McKinley building site, and the Key Immersion program to the ATS building site (Escuela Key). This action will repurpose the Key building site into a new neighborhood school (Innovation). The changes took effect beginning Sept. 2021, <https://www.apsva.us/post/school-board-adopts-superintendents-recommendation-to-move-schools/>

⁸ In Dec. 2020, the School Board approved new elementary school boundaries which took effect Sept. 2021. This action created an attendance zone for Innovation and reassigned planning units at the following neighborhood schools (names pertain to Fall 2020): Ashlawn, Arlington Science Focus, Innovation (new neighborhood school), Taylor, McKinley, Ashlawn, Tuckahoe, and Cardinal (new neighborhood school).

¹⁰ Note that beginning with the Sept. 30, 2019 official count, Arlington Career Center (ACC) full-time enrollment started being reported separately. But projections did not report ACC enrollment for Fall 2019, rather it reported Arlington Tech enrollment. In order to better compare projections and official enrollment, the Sept. 30, 2019 ACC enrollment was disaggregated into Arlington Tech and ACC (non Arlington Tech) enrollment. This applies only to Fall 2019 reporting and comparisons.

Attachment E. K-12 Projections Accuracy: Comparison of September 30th Membership and Prior Year's Projections

	Fall 2020 - School Opened in Virtual Setting due to Pandemic				Fall 2021			
	Proj. Fall 2019 (1 Yr Prior)	Sept 30, 2020	Diff from Proj	% of Proj.	Proj. Fall 2020 (1 Yr Prior)	Sept 30, 2021	Diff from Proj	% of Proj.
Abingdon ⁶	775	696	-79	90%	813	658	-155	81%
Alice West Fleet (formerly Patrick Henry) ^{5,6}	677	568	-109	84%	555	518	-37	93%
Arlington Science Focus ⁸	749	643	-106	86%	526	439	-87	83%
Arlington Traditional ⁷	583	583	0	100%	633	613	-20	97%
Ashlawn ⁸	730	587	-143	80%	625	512	-113	82%
Barcroft ⁶	408	385	-23	94%	433	394	-39	91%
Barrett	508	477	-31	94%	536	465	-71	87%
Campbell	412	385	-27	93%	394	377	-17	96%
Cardinal (formerly McKinley) ^{7,8}	775	680	-95	88%	757	652	-105	86%
Carlin Springs	553	505	-48	91%	565	442	-123	78%
Claremont	722	702	-20	97%	734	639	-95	87%
Discovery	576	508	-68	88%	555	472	-83	85%
Dr. Charles R Drew (formerly Drew Model) ⁶	398	375	-23	94%	426	375	-51	88%
Escuela Key (formerly Key) ⁷	683	670	-13	98%	679	590	-89	87%
Glebe	557	504	-53	90%	521	523	2	100%
Hoffman-Boston ⁶	440	434	-6	99%	523	477	-46	91%
Innovation ^{7,8}	-	-	-	-	562	372	-190	66%
Jamestown	557	477	-80	86%	541	453	-88	84%
Long Branch ⁶	483	429	-54	89%	464	373	-91	80%
Montessori Public School ⁵	368	385	17	105%	386	390	4	101%
Nottingham	461	418	-43	91%	422	385	-37	91%
Oakridge ⁶	585	530	-55	91%	692	568	-124	82%
Randolph	407	409	2	100%	409	376	-33	92%
Taylor ⁸	671	613	-58	91%	544	488	-56	90%
Tuckahoe ⁸	501	458	-43	91%	440	417	-23	95%
Gr K-5 Total	13,579	12,421	-1,158	91%	13,735	11,968	-1,767	87%
Dorothy Hamm ^{3,4}	874	816	-58	93%	1,009	860	-149	85%
Gunston ⁴	1,176	1,154	-22	98%	1,112	1,105	-7	99%
H-B Woodlawn	245	240	-5	98%	245	243	-2	99%
Jefferson ⁴	1,097	979	-118	89%	1,093	849	-244	78%
Kenmore ⁴	1,039	993	-46	96%	1,100	940	-160	85%
Swanson ⁴	1,022	976	-46	95%	989	888	-101	90%
Williamsburg ⁴	980	897	-83	92%	906	789	-117	87%
Gr 6-8 Total	6,433	6,055	-378	94%	6,454	5,674	-780	88%
Arlington Career Center (Full-Time) ¹⁰	592	513	-79	87%	611	509	-102	83%
Arlington Tech ^{9,10}	-	-	-	-	-	-	-	-
H-B Woodlawn	491	449	-42	91%	489	446	-43	91%
Wakefield ²	2,239	2,156	-83	96%	2,381	2,241	-140	94%
Washington-Liberty ^{1,2}	2,134	2,105	-29	99%	2,250	2,174	-76	97%
Yorktown ¹	2,154	2,147	-7	100%	2,243	2,146	-97	96%
Gr 9-12 Total	7,610	7,370	-240	97%	7,974	7,516	-458	94%
Secondary Schools with Future Enrollment Based on Prior Year's Enrollment of Program Estimates (not projected)								
Gr 6-8, E.K.Shriver (formerly Stratford)	9	8	-1	89%	15	6	-9	40%
Gr 9-12, E.K.Shriver (formerly Stratford)	38	29	-9	76%	29	18	-11	62%
Gr 9-12, Arlington Community	84	77	-7	92%	77	72	-5	94%
Gr 9-12, Langston	108	75	-33	69%	75	81	6	108%
Gr 9-12, New Directions Program	17	16	-1	94%	16	16	0	100%
No Projections Provided for Pgram								
Gr K-12 Virtual Learning Program	-	-	-	-	-	638	-	-
Total for Not Projected	256	205	-51	80%	212	831	619	392%
Total K-12	27,878	26,051	-1,827	93%	28,375	25,989	-2,386	92%

Color codes, % of Projections

Below 95% of Proj. Above 105% of Proj.

Footnotes pertain to boundary or school location changes which might impact enrollment trends used for enrollment projections:

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² Planning unit reassigned from Washington-Lee High School boundary to the Wakefield High School boundary zone, took effect Sept. 2017, <https://www.apsva.us/engage/high-school-boundary-refinements/>

³ Dorothy Hamm Middle School opened Sept. 2019. A boundary for the new school (then known as the Stratford site) was approved Fall 2017, <https://www.apsva.us/engage/middle-school-boundary-change/>

⁴ Middle School boundary adjustments took effect Sept 2019 to create an attendance zone for Dorothy Hamm Middle School (then known as the Stratford site) and balance enrollment across all neighborhood middle schools.

⁵ As of Sept. 2019, the Montessori Program at Drew Model School moved to the Patrick Henry site, now known as the Montessori Public School of Arlington, <https://www.apsva.us/engage/montessori/>

⁶ Alice West Fleet Elementary School opened Sept. 2019. Also as of Sept. 2019, Drew Model School became a neighborhood school, Dr. Charles R. Drew Elementary School. Attendance zone boundaries were adjusted to accommodate the two new neighborhood schools which took effect Sept. 2019. Boundaries were adjusted for the following elementary schools (names pertain to Fall 2018): Abingdon, Drew, Barcroft, Patrick Henry, Hoffman-Boston, Long Branch, Oakridge, and a new boundary for Alice West Fleet. See <https://www.apsva.us/engage/elementary-school-boundary-change/>

⁷ In Feb. 2020, the School Board approved moving the majority of McKinley students to the new school at the Reed site (Cardinal), the Arlington Traditional School (ATS) program to the McKinley building site, and the Key Immersion program to the ATS building site (Escuela Key). This action will repurpose the Key building site into a new neighborhood school (Innovation). The changes took effect beginning Sept. 2021, <https://www.apsva.us/post/school-board-adopts-superintendents-recommendation-to-move-schools/>

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Attachment E. K-12 Projections Accuracy: Comparison of September 30th Membership and Prior Year's Projections

	Fall 2022				Fall 2023			
	Proj. Fall 2021 (1 Yr Prior)	Sept 30, 2022	Diff from Proj	% of Proj.	Proj. Fall 2022 (1 Yr Prior)	Sept 30, 2023	Diff from Proj	% of Proj.
Abingdon ⁶	734	693	-41	94%	714	695	-19	97%
Alice West Fleet (formerly Patrick Henry) ^{5, 6}	550	539	-11	98%	571	538	-33	94%
Arlington Science Focus ⁸	509	548	39	108%	621	582	-39	94%
Arlington Traditional ⁷	652	622	-30	95%	618	620	2	100%
Ashlawn ⁸	529	532	3	101%	522	517	-5	99%
Barcroft ⁶	430	426	-4	99%	434	444	10	102%
Barrett	516	494	-22	96%	550	478	-72	87%
Campbell	390	382	-8	98%	389	372	-17	96%
Cardinal (formerly McKinley) ^{7, 8}	650	704	54	108%	695	713	18	103%
Carlin Springs	482	473	-9	98%	470	476	6	101%
Claremont	596	571	-25	96%	528	571	43	108%
Discovery	472	486	14	103%	472	480	8	102%
Dr. Charles R Drew (formerly Drew Model) ⁶	376	408	32	109%	420	382	-38	91%
Escuela Key (formerly Key) ⁷	570	588	18	103%	552	547	-5	99%
Glebe	523	521	-2	100%	525	528	3	101%
Hoffman-Boston ⁶	487	494	7	101%	546	546	0	100%
Innovation ^{7, 8}	417	437	20	105%	443	441	-2	100%
Jamestown	454	440	-14	97%	455	437	-18	96%
Long Branch ⁶	364	381	17	105%	385	403	18	105%
Montessori Public School ⁵	400	393	-7	98%	393	413	20	105%
Nottingham	371	391	20	105%	385	364	-21	95%
Oakridge ⁶	617	638	21	103%	681	617	-64	91%
Randolph	395	374	-21	95%	368	372	4	101%
Taylor ⁸	492	527	35	107%	552	522	-30	95%
Tuckahoe ⁸	422	421	-1	100%	431	427	-4	99%
Gr K-5 Total	12,398	12,483	85	101%	12,720	12,485	-235	98%
Dorothy Hamm ^{3, 4}	855	853	-2	100%	846	891	45	105%
Gunston ⁴	1,099	1,072	-27	98%	1,061	992	-69	93%
H-B Woodlawn	243	243	0	100%	247	242	-5	98%
Jefferson ⁴	951	1,012	61	106%	1,064	1,039	-25	98%
Kenmore ⁴	923	952	29	103%	920	961	41	104%
Swanson ⁴	919	886	-33	96%	935	929	-6	99%
Williamsburg ⁴	749	781	32	104%	786	810	24	103%
Gr 6-8 Total	5,739	5,799	60	101%	5,859	5,864	5	100%
Arlington Career Center (Full-Time) ¹⁰	587	549	-38	94%	592	572	-20	97%
Arlington Tech ^{9, 10}			-	-			-	-
H-B Woodlawn	454	462	8	102%	459	468	9	102%
Wakefield ²	2,374	2,364	-10	100%	2,368	2,308	-60	97%
Washington-Liberty ^{1, 2}	2,333	2,371	38	102%	2,595	2,535	-60	98%
Yorktown ¹	2,220	2,193	-27	99%	2,120	2,110	-10	100%
Gr 9-12 Total	7,968	7,939	-29	100%	8,134	7,993	-141	98%
Secondary Schools with Future Enrollment Based on Prior Year's Enrollment of Program Estimates (not projected)								
Gr 6-8, E.K.Shriver (formerly Stratford)	6	11	5	183%	11	11	0	100%
Gr 9-12, E.K.Shriver (formerly Stratford)	20	25	5	125%	23	28	5	122%
Gr 9-12, Arlington Community	72	108	36	150%	108	85	-23	79%
Gr 9-12, Langston	81	57	-24	70%	57	51	-6	89%
Gr 9-12, New Directions Program	16	17	1	106%	17	16	-1	94%
No Projections Provided for Virtual Learning Program								
Gr K-12 Virtual Learning Program			-	-			-	-
Total for Not Projected	195	218	23	112%	216	191	-25	88%
Total K-12	26,300	26,439	139	101%	26,929	26,533	-396	99%
Color codes, % of Projections								
	Below 95% of Proj.		Above 105% of Proj.					

Footnotes pertain to boundary or school location changes which might impact enrollment trends used for enrollment projections:

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Attachment F: Timeline for Projections, Budget, and Staffing



TIMELINE FOR Enrollment Projections, Budget & Staffing

This timeline includes key dates for the development of the 2023-32 enrollment projections and milestones for the Departments of Human Resources and Finance and Management Services.

OCT.



September 30 Snapshot

The Sept. 30 official enrollment is published, which is the basis for the following school year's Fall Enrollment Projections.

DEC.



10-Year Projections Report is Published

Known as the Fall 10-year Enrollment Projections Report and includes Fall Enrollment Projections for the following school year.

DEC. - JAN.



Enrollment Adjustment Conversations with Principal Groups

Used to adjust enrollment levels in the Enrollment Management Plan and the Spring Update to Enrollment Projections for the following school year.

JAN. - FEB.



Preliminary Staffing Sheets

- Budget Office provides principals with staffing budget allocation sheets for the following school year based on Fall Enrollment Projections.
- Talent Acquisition and Management (TAM) provides staffing sheets based on Fall Enrollment Projections.

FEB.



January 31 Snapshot

Used to prepare the Spring Update to the Enrollment Projections for the following school year.

FEB.



Enrollment Management Plan is Published

Includes steps APS is taking to manage enrollment for the following school year. Adjustments are used to "redistribute" students in the Spring Update to Enrollment Projections for the following school year.

FEB.



Superintendent's Proposed Budget

The Superintendent's Proposed budget is based on Fall Enrollment Projections. The proposed budget includes items such as any proposed changes to planning factors.

MAR.



Spring Update to Projections

The Fall Enrollment Projections are updated with assumptions from the Enrollment Management Plan – eventually becoming the Spring Update to Enrollment Projections for the following school year. The Budget Office sends staffing budget allocation sheets to schools based on the Spring Update to Enrollment Projections.

MAR.



TAM Staffing Meetings

Elementary and Secondary staffing meetings take place based on the Spring Update to Enrollment Projections, which reflect information from the Enrollment Management Plan.

MAR.



School Board's Proposed Budget

The School Board's Proposed budget is based on the Spring Update to Enrollment Projections and includes any changes in planning factors. Staffing adjustments may need to be made based upon changes proposed by the School Board.

MAY

School Board's Adopted Budget



For more information, visit:
www.apsva.us



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