

Arlington Public Schools Fall 2021 10-Year Enrollment Projections Report

01/20/2022

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Attachments:

- Attachment A: Fall 2021 10-Year Enrollment Projections, Fall 2022 through Fall 2031
- Attachment B: Fall 2021 Housing Unit Forecast and Projected Student Yield
- Attachment C: Fall 2021 Student Generation Rates
- Attachment D: Background on Projections
- Attachment E: Projections Accuracy

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 2021 10-year projections will be used for budgeting and staffing for Fiscal Year (FY) 2023, as well as for developing the [FY 2023-32 CIP](#).

The latest enrollment projections anticipate that enrollment will grow modestly in the near-term from 2021 to 2026, with a PreK-12¹ student gain of 1.6% (or 0.3% when only K-12 projected enrollment is considered). When taking a long-term view on projections, enrollment is expected to decline modestly in the 2021 to 2031 timeframe with a PreK-12 change of -1.9% (or -3.4% when only K-12 projected enrollment is considered). 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 2021 10-Year enrollment projections reflect the boundary refinements, [adopted by the School Board on December 2, 2021](#), to middle and high school attendance zones. These refinements were guided by an assessment of schools where the following occurred:

- a. Enrollment exceeded capacity as of Sept. 30, 2021; and
- b. A nearby school has capacity to accommodate additional students.

The adjustment will take effect in the first projection year, fall 2022, and impact incoming students in planning units reassigned from Gunston to Jefferson and planning units reassigned from Wakefield to Washington-Liberty. To learn more about the Fall 2021 boundary adjustment process, visit <https://www.apsva.us/engage/fall-2021-boundary-process/>.

This year the projections include a new format for reporting the 10-year projections, see Attachment A. Previously, the fall projections reported enrollment for 10 years and school-by-school. As explained in the “Using the Projections” section, there is uncertainty about the long-term projections after 2026 that rely on assumptions of future cohorts that are not currently enrolled in APS and that current enrollment trends will hold into the future. Because of this uncertainty, projected enrollment is reported school-by-school for the first five years, 2022 to 2026, but reported in the aggregate, or system-wide, in the following five years, from 2027 to 2031.

Another new aspect to the enrollment projections was the updating of the process. This year a new process step was introduced where the Superintendent’s Cabinet was briefed on trends shaping the projections and were provided with projections scenarios. After which the Cabinet provided input on which scenario to choose for budget, staffing, and other short-term and long-term planning.

¹ Projections are produced for Grades K to 12. PreK enrollment for 2022 to 2031 is not part of the enrollment projections process. PreK represents the maximum number of budgeted PreK seats. It is included for 2022-23 for budget and capacity planning. It is added to the K-12 projections to provide the reader with a holistic PreK-12 view on future enrollment trends.

In Spring 2022, APS will publish the 2022-23 School Year Annual Update. Using these projections, Planning and Evaluation works with school leaders and several Central office departments to determine how to manage enrollment in the upcoming school year. The Spring Projections Update is made based on those decisions.

Please note that all 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.

Preparing this Report

The “2021 10-Year Enrollment Projections Report” was produced by Planning and Evaluation, based on the following:

- Student enrollment on Sept. 30, 2021
- Methods validated by the 2015 Community Facilities Study and improved upon regularly in consultation with the external consulting firm RLS Demographics
- Estimates for additional enrollment over the next 10 years are based on data from the Arlington County Government (ACG) that consider:
 - Approved and potential housing developments expected over the next 10 years
 - Outstanding housing building permits as of Fall 2021
 - Historical births by Arlington County parents from 2017 to 2020
 - Forecast of births from 2021² to 2026

The 10-year enrollment projections are produced for option schools and programs and neighborhood schools. Because neighborhood school projections use assumptions about students that live in each attendance zone, boundary adjustments are important factors. The projections include assumptions about incoming students, starting in Fall 2022, from five planning units reassigned from Gunston to Jefferson and 10 planning units from Wakefield to Washington-Liberty.

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 pre-K enrollment is not produced using the same methodology as the projections for kindergarten to Grade 12 enrollment. Pre-K represents the maximum number of budgeted pre-K seats determined by the Office of Academics. It is included for the 2022-23 school year for budget and capacity planning. Pre-K is estimated only for one year (Fall 2022) and this figure is held constant throughout the projection years.

² Actual recorded births for 2021 will not be published until the Summer 2022.

Key Findings

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

The enrollment projections described in this document are for grades K-12. To these projections are added separate pre-K estimates to attain a comprehensive view of future enrollment for pre-K to Grade 12.

Table 1. Pre-K to Grade 12 Enrollment, September 30, 2021 and Projections for Fall 2022 to Fall 2031

School Level	Sept. 30, 2021	Projections			Change ('21 to '22)	% Change	Change ('21 to '26)	% Change	Change ('21 to '31)	% Change
		Fall 2022	Fall 2026	Fall 2031						
Elementary	12,252	12,398	12,102	11,523	146	1.2%	-150	-1.2%	-729	-6.0%
Middle	5,857	5,745	5,736	5,589	-112	-1.9%	-121	-2.1%	-268	-4.6%
High	7,880	8,157	8,227	7,999	277	3.5%	347	4.4%	119	1.5%
<i>Sub Total (K-12)</i>	<i>25,989</i>	<i>26,300</i>	<i>26,065</i>	<i>25,111</i>	<i>311</i>	<i>1.2%</i>	<i>76</i>	<i>0.3%</i>	<i>-878</i>	<i>-3.4%</i>
PreK *	922	1,286	1,286	1,286	364	39.5%	364	39.5%	364	39.5%
<i>Total (PreK-12)</i>	<i>26,911</i>	<i>27,586</i>	<i>27,351</i>	<i>26,397</i>	<i>675</i>	<i>2.5%</i>	<i>440</i>	<i>1.6%</i>	<i>-514</i>	<i>-1.9%</i>

* PreK enrollment for 2022 to 2031 is not part of the enrollment projections process described in this document. It is an estimate for 2022-23 for budget and staffing purposes.

Short-Term Growth

- When comparing Sept. 30, 2021 enrollment with Fall 2022 projections, APS is expected to experience overall modest Pre-K to Grade 12 enrollment growth of around 2.5%, see Table 1.
- In this one-year period, it is projected that the middle school level will experience Grade 6 to 8 enrollment declines of about -2% and the elementary and high school levels will experience growth below 4%.
- Without counting pre-K enrollment, growth in K-12 enrollment will be slight at 1.2%.

Near-Term Growth

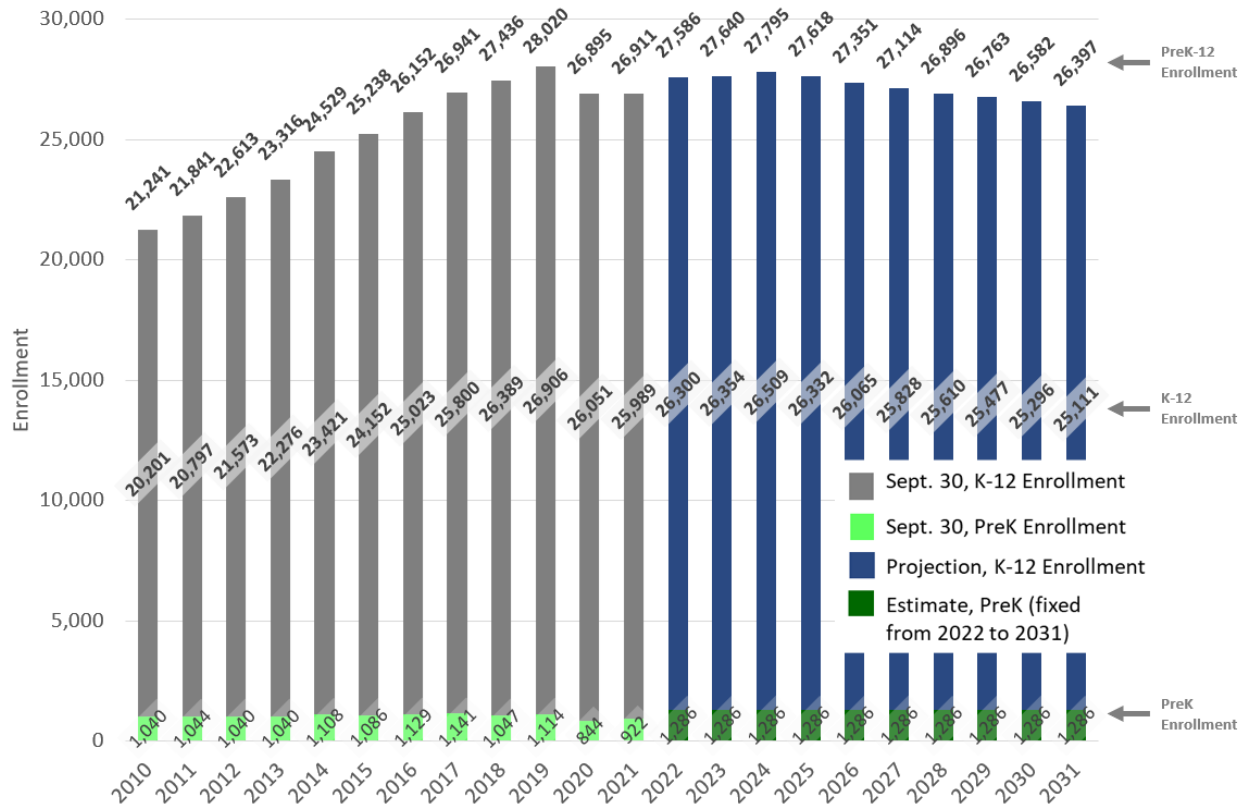
- When comparing Sept. 30, 2021 enrollment with Fall 2026 projections, APS is expected to experience a small enrollment uptick of 1.6% in pre-K to Grade 12 students.
- In this near-term period, it is projected that the elementary and middle school levels will experience enrollment declines of about -1% and 2% respectively. Meanwhile, high school enrollment is expected to grow by slightly more than 4%.
- Without counting pre-K enrollment, growth in K-12 enrollment will be flat at about 0.3%.

Long-Term Growth

- When looking at pre-K to Grade 12 enrollment between Sept. 30, 2021 and Fall 2031 projections, APS is expected to experience an enrollment decline of -1.9%.
- In this period, it is projected that the Elementary School level will lead enrollment contraction with a fall of -6.0%, followed by middle school with a fall of -4.6%. In the meantime, High School enrollment is expected to grow by about 1.5%.
- Without counting pre-K enrollment, K-12 enrollment is projected to contract by -3.4%.

From Fall 2022 to 2031, it is anticipated that the enrollment will hover just below 28,000 students, see Chart 1. In these future years it is projected that enrollment will increase to a high-point of about 27,800 PreK-12 students in 2024 (or almost 26,500 projected K-12 students and almost 1,300 estimated pre-K students).

Chart 1. PreK to Grade 12 Historic Enrollment for Sept. 30 of 2010 to 2021 and Projected Enrollment for Fall 2022 to 2031



Note: PreK estimates for the 2022-23 school year (held constant for 2022 to 2031) are from the Department of Teaching and Learning.

Using the Projections

APS updates the enrollment projections annually. This iterative approach allows APS staff 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.

These 10-year projections are *not* produced at the planning unit level. Planning unit projections are a separate data product which employs a different methodology and are produced only for purposes of school boundary updates. The primary benefit of planning unit-level enrollment projections is that they permit flexibility in combining different planning units to envision new boundary scenarios. Information about the last planning unit data review methodology is available at <https://www.apsva.us/engage/k-12-planning-unit-data-review-in-preparation-for-the-fall-2021-boundary-adjustments/>.

In the past, projections were reported school-by-school for every 10 years of the fall projections. Starting with the fall 2021 projections, a new reporting approach is used in this report's projections tables in Attachment A. School-by-school enrollment projections are now reported for the first five years, or from 2022 to 2026. For the following five years, or 2027 to 2031, projected enrollment is only reported in an aggregated, or system-wide, format.

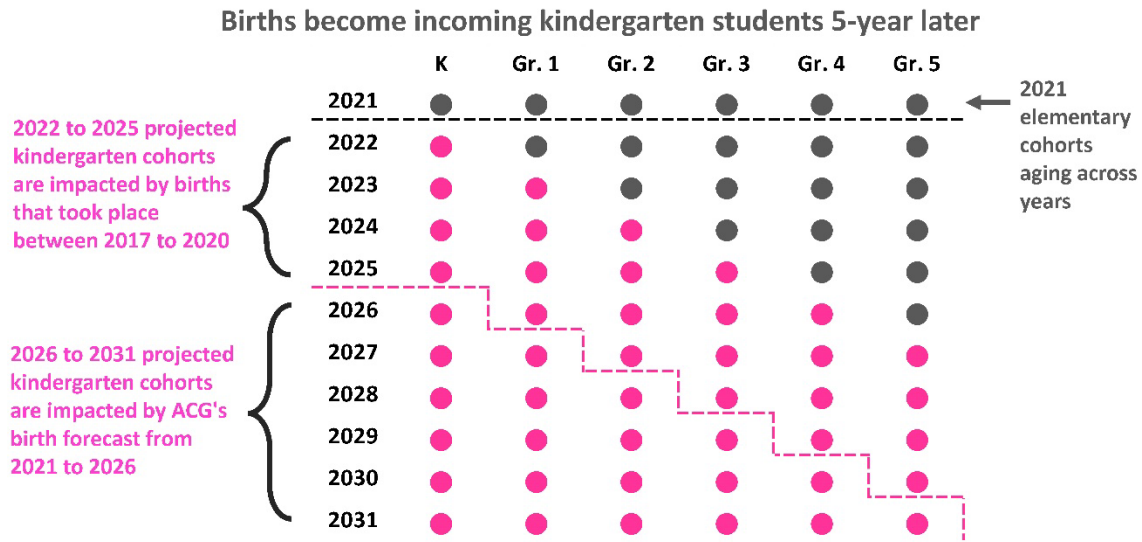
The reasons for this reporting change are two-fold:

- I. It is unknown whether current enrollment trends at each school and grade-level will continue unabated in the long-term. As Chart 1 in the previous section shows, enrollment between Sept. 30, 2019 and 2020 fell noticeably by about 1,100 PreK-12 students (or about 850 K-12 students). This declining trend continued between Sept. 30, 2020 and 2021 when enrollment fell by 16 PreK-12 students (or 62 K-12 students). Because the K-12 enrollment projections incorporate recent trends (see the Assumptions and Methodology section of this report), the Fall 2021 projections incorporate some of these declining trends since the 2019 to 2020 period. In the near-term, it is reasonable to assume closer-in projections, within the next five years, are more likely to reflect, or be consistent with, recent trends. But, it is still a question whether in the long-term, extending six to ten years into the future, if these recent trends will continue to hold. These concerns become magnified if enrollment projections are reported school-by-school in the long-term projections extending beyond 2026.
- II. Another area of concern is that the projections rely on assumptions about future cohorts, not yet enrolled in APS. The methodology section of this report explains that a key input in the enrollment projections are (a) *actual* recorded and (b) *forecasted* births provided by Arlington County Government staff. These births are used to estimate incoming kindergarten cohorts 5 years later in the enrollment projections process. Graphic 1, below, illustrates that starting in projection year 2022 at the elementary level, the incoming kindergarten cohorts are based on *actual* births that occurred in 2017. The incoming kindergarten cohorts in subsequent years are estimated similarly, such that by projection year 2025, the incoming kindergarten cohorts are based on *actual* births that occurred in 2020 and the Grade 1 to 3 cohorts are based on prior incoming kindergarten cohort assumptions made in projection years 2022 to 2024; or four out of six cohorts are based on assumptions about incoming kindergarten cohorts. By projection year 2026, the issues around assumptions are compounded in that the incoming kindergarten cohorts are based on *forecasted* births for 2021 and five out six elementary cohorts are based on assumptions about prior incoming kindergarten cohorts for projection years 2022 to 2025.

Starting in projection year 2027, every incoming cohort (six out of six) is based on assumptions about incoming kindergarten cohorts.

Because of these dynamics, school-by-school projections are only reported for 2022 to 2026, when at least one of the projected cohorts are based on students already enrolled in APS or based mostly on *actual* births that occurred previously. Aggregate, or system-wide, projections are reported starting in 2027 to acknowledge that by this year every projected elementary cohort is based on assumptions about incoming kindergarten cohorts and currently enrolled APS elementary school students have all aged into middle or high school. This approach avoids a false sense of precision about reporting school-by-school enrollment projections that are fully based on assumptions about future incoming cohorts and that they will age from one grade to another based on existing trends.

Graphic 1. Infographic illustrating assumptions about future births impacting incoming kindergarten assumptions 5-years later



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 2021-22 school year attendance zones. In Fall 2022, the student generation rates will be updated to reflect 2022-23 attendance zones, Sept. 30, 2022 enrollment, and a 2022 housing snapshot.

In incorporating the student estimates from new development, 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. This approach to student yields is applied to incoming cohorts in Kindergarten, Grade 6 and Grade 9.

Phasing of Student Yield

Student yields from [Committed Affordable Units \(CAFs\)](#)³ and single-family detached homes are incorporated into the enrollment projections in the year that these units are assumed to be built. Student estimates from single-family construction permits are incorporated into the projections in the year they are provided by ACG to APS; in the Fall 2021 10-year projections, that is the 2021-22 school year. Meanwhile, the student yield from market rate residential developments, including town homes, were phased into the enrollment projections over a two-year period from the date that a residential development is forecast to be completed.

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 2021 10-year enrollment projections use a subset of the county's Round 9.2 housing forecast completed in August 2020.⁴ 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 helps APS estimate the number of new students and the year that a given housing development will 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 2021-22 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 2020. ACG provided the birth information in GIS format for 2020 (and prior years) so that births could be spatially associated with neighborhood school boundaries.

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 2019. Inputs to the updated model were updated by ACG in September 2021. With the latest update, the Cohort Component Model now estimates births for 2021 through 2026. 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,

⁴ At this time, the county's forecast is not online. Please check the ACG website for updates. In the meantime, see documents from the ACG December forecasting subcommittee meeting:

<https://www.mwcog.org/events/2020/12/15/cooperative-forecasting-and-data-subcommittee/>.

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 2021 10-year enrollment projections, September 30, 2021 enrollment is used as a base, or starting point, for enrollment projections.

Assumptions and Methodology

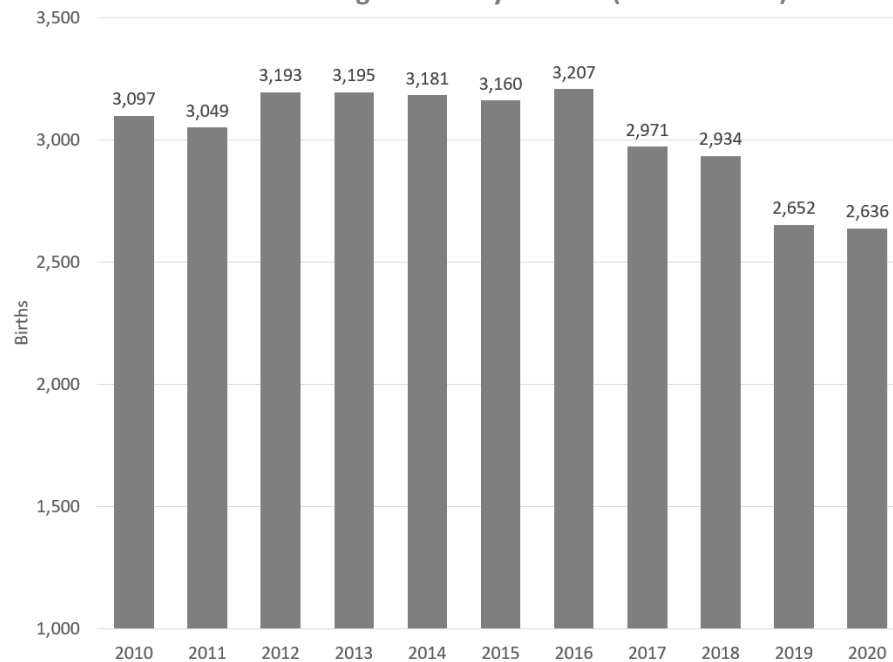
Actual Births

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 2020 having 2,636 births to parents that reside in Arlington County (a decline of 571 births, or -18%, since 2016), see Chart 2 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 2021, the latest births information available publicly from the [Virginia Department of Health](#) is up to 2019. When comparing 2016 to 2019 births, live births by place of residence declined by 15% in the City of Alexandria, 9% in Fairfax County, 3% in Prince William County, and 8% in Loudon County. Similarly, a comparison of U.S. Census Bureau Population Estimate Program figures of births show a decline of 4% in the state of Virginia's births in the 2016 to 2019 period.⁵

In the Fall 2021 10-year projections, actual births from 2017 to 2020 are used to project the incoming Kindergarten cohorts by neighborhood elementary schools for 2022 through 2025.

Chart 2. Actual Birth to Arlington County Parents (2010 to 2020)



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

⁵ U.S. Census Bureau, Population Division. NST-EST2019-alldata: Annual Population Estimates, Estimated Components of Resident Population Change, and Rates of the Components of Resident Population Change for the United States, States, and Puerto Rico: April 1, 2010 to July 1, 2019. Downloaded January 5, 2021.

Forecast of Births

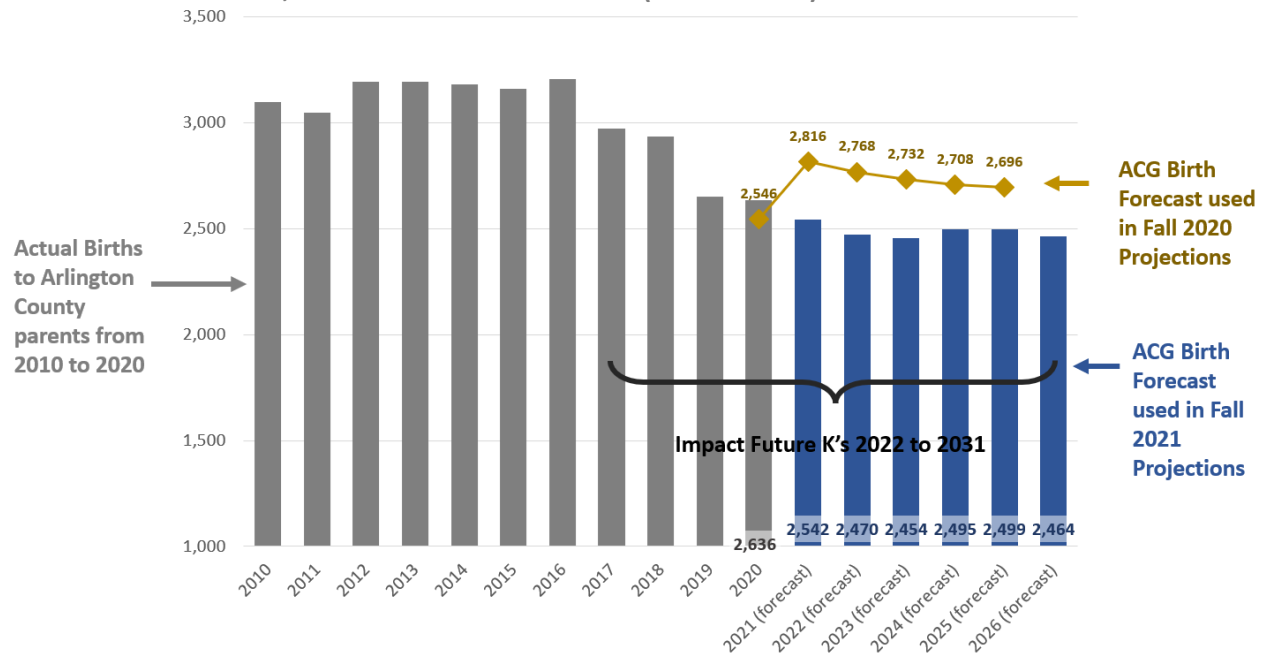
Because the Fall 2021 10-year enrollment projections rely on actual births from 2017 to 2020 to develop the kindergarten cohort projections by school for 2022 to 2025, ACG's birth forecasts from 2021 to 2026 were used to project future incoming kindergarten cohorts by school from 2026 to 2031.

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 major update to the model occurred in fall 2019 due to the observation that the 2018 model run 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.

Because of the widening difference between actual and forecasted births, it was decided that ACG's cohort component model, known as the *Cohort Projection System*, needed to be recalibrated since some of its assumptions were last updated in 2016. RLS Demographics undertook the work recalibrating the *Cohort Projection System* in Fall 2019 by incorporating (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.

In Fall 2021, ACG updated the cohort component model with 2020 actual births and the US Census' 2020 Population Estimates Program age data to update the Total Fertility Rate (TFR) and incorporated Forecast Round 9.2 for the migration calibration. ACG provided APS with a baseline scenario, calibrated to Forecast Round 9.2 and actual births, and six additional birth forecast scenarios that varied in migration and TFR rates. Chart 3, next page, displays ACG's Baseline Scenario birth forecast for 2021 through 2026 in blue bars. In that period, ACG forecasts births to decrease by about 80 births or 3% from 2021 to 2026. Note that last year's birth forecast from Fall 2020 had more births for the 2021 to 2025 period than the updated Fall 2021 births forecast, see the yellow trend line. Because births are used to calculate incoming kindergarten cohorts 5-years later, an important implication of the relatively lower births are that it will lead to lower projected incoming kindergarten cohorts.

Chart 3. Birth Forecast, Baseline Scenario from ACG (2021 to 2026)



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. System-wide, the birth-to-kindergarten ratio has hovered close to 70%. The COVID-19 pandemic contributed to overall 2020 kindergarten enrollment dropping relative to 2019 enrollment. This trend reversed in the 2020 to 2021 period, but 2021 kindergarten enrollment was still below 2,000 students. Because of the recent trends in kindergarten enrollment, the system-wide birth-to-kindergarten ratios have dropped closer to 62%. For example, the pre-pandemic three-year average birth-to-kindergarten ratio from 2017-18 to 2019-20 is 0.708. But, in the 2019-20 to 2021-22 period, which includes the pandemic, the birth to kindergarten three-year average ratio drops to 0.649, see Table 2.

Table 2. System-wide birth to kindergarten ratios (2011-12 to 2021-22)

Birth Year	Resident Births	School Year Entering Grade K	Actual APS Grade K Enrollment	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

3-year average pre-pandemic 2017-18 to 2019-20 0.708

3-year average 2019-20 to 2021-22 **0.649**

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 2, as shown above, is provided for reference only. Starting with the Fall 2020 projections and extending to the Fall 2021 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 2014, 2015, and 2016 to 2021-22 school year elementary school attendance zones
- Matching (by address) and quantifying the kindergarten students in 2019, 2020, and 2021 to 2021-22 school year elementary school attendance zones.
- School specific ratios were developed for three periods of time and weights applied:
 - Ratio of 2021 kindergarten enrollment to 2016 births, with a 30% weight
 - Ratio of 2020 kindergarten enrollment to 2015 births, with a 20% weight
 - Ratio of 2019 kindergarten enrollment to 2014 births, with a 50% weight
 - When calculating a 3-year average of birth-to-kindergarten ratio by individual school, weights are applied. The weights used emphasize 2019 kindergarten enrollment and 2014 birth, which aligns with pre-pandemic elementary school attendance zone birth to kindergarten ratios. At the same time the weights provide dampening effects on rates that use 2020-21 and 2021-22 kindergarten enrollment.

Forecast of Residential Construction

ACG provided updated assumptions for the number, housing type, affordability levels, and location of forecasted housing between September 30, 2021 and 2031. This housing forecast is a subset of the housing unit forecast from the county’s most recent Round 9.2 forecast, completed in August 2020. ACG also provides a flag to identify residential development likely to be habitable within the 2021-22 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 2021 residential development projects completed before September 2021 and with no resident students, to estimate the total number of residential units expected in the 2021-22 school year which could yield students.

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 2021-22 school year for enrollment projection purposes.

In the 2021 to 2031 period, it is assumed that about 16,000 net new units--above and beyond the existing housing stock--will be delivered in Arlington County. Much of the new housing, with close to a 94% share, is expected to be multi-family high rise, followed by multi-family garden at an almost 3% share.

Table 3. Arlington County Housing Forecast (2021 to 2031)

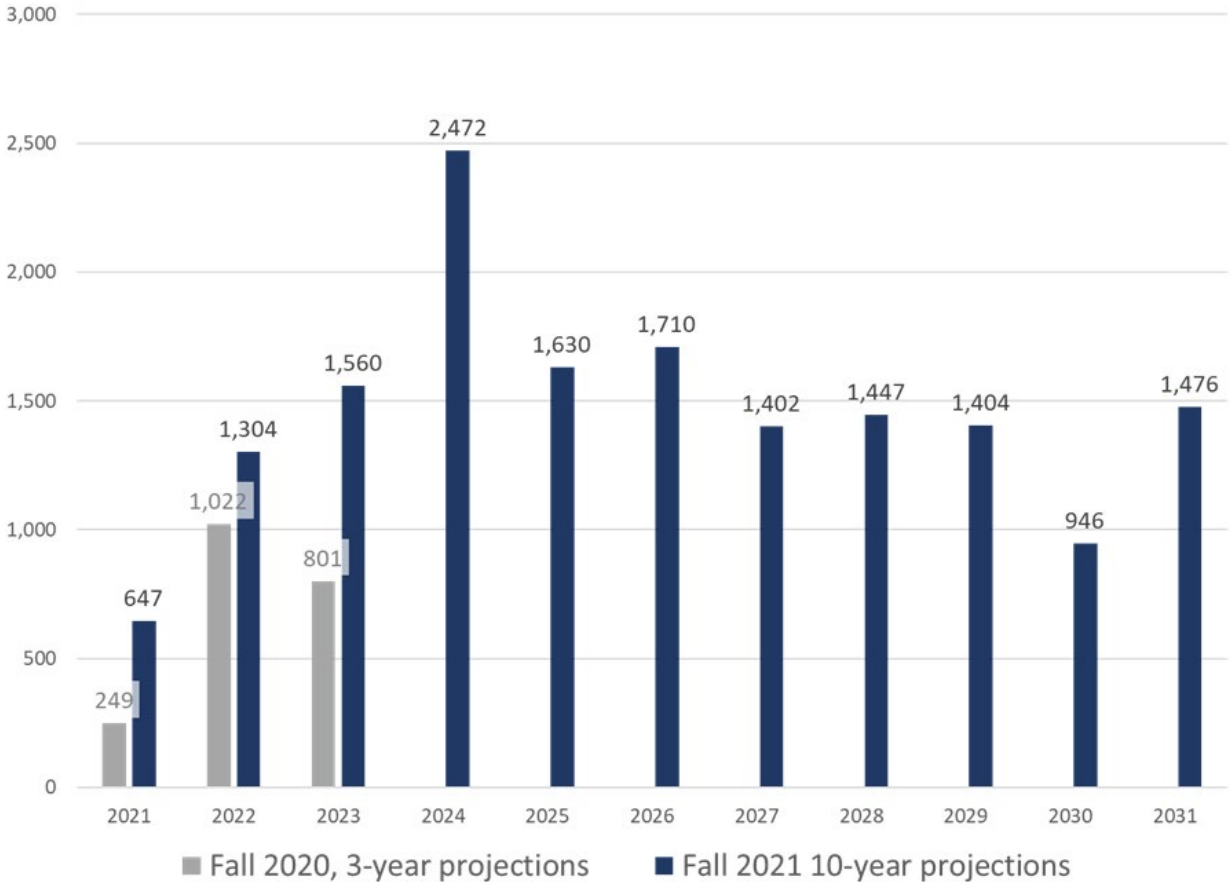
Forecast Year	Multi-family High Rise	Multi-family Garden	Townhome	Single-family Detached	ADU *	Duplex	Total Net New Units
2021	333	35	71	183	23	2	647
2022	1,134	114	56	0	0	0	1,304
2023	1,543	0	16	0	0	1	1,560
2024	2,364	98	10	0	0	0	2,472
2025	1,476	22	132	0	0	0	1,630
2026	1,657	12	39	2	0	0	1,710
2027	1,402	0	0	0	0	0	1,402
2028	1,420	27	0	0	0	0	1,447
2029	1,404	0	0	0	0	0	1,404
2030	824	122	0	0	0	0	946
2031	1,459	0	17	0	0	0	1,476
Total	15,016	430	341	185	23	3	15,998
Share	94%	3%	2%	1%	0%	0%	100%

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

* Accessory Dwelling Units (ADU) are treated as single-family detached homes when applying student generation rates.

The forecast of new residential construction is updated each year by ACG for APS' use in enrollment projections. Chart 4 displays how last year's residential construction forecast differs from the updated Fall 2020 residential unit forecast. Note that the Fall 2020 forecast was produced for only three years: 2021, 2022, and 2023. For these years, the new housing forecast is higher than what was forecasted last year by about 400 units in 2021, 280 units in 2022, and 760 units in 2023.

Chart 4. Comparison of Future Residential Units Assumed in the 10-Year Fall 2021 and 3-Year Fall 2020 Enrollment Projections



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

Starting in 2024, there are no Fall 2020 forecast of housing units to compare. In the Fall 2021 projections, the greatest number of forecasted units are expected to be completed in 2024 with about 2,500 units. By 2025, the number of new units are anticipated to decline by about 34% from 2024 levels and net new residential units are forecasted to remain below 2,000 through 2031.

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 2021 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

each year by matching the housing and affordability information shared by ACG in the MHUD snapshot with APS' latest student records⁶.

Student generation rates are updated each year to reflect the most current September 30 enrollment and county-wide housing unit inventory from the county (the MHUD data). The Fall 2021 projections use September 30, 2021 K-12 enrollment and the MHUD file current as of July 1, 2021.

Table 4 displays the 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 boundary area, thus there is no generation rate for that housing type in that boundary area.

The highest student generation rate factor in the county is for multi-family garden CAF only residential buildings, with a rate of 0.622. Note, however, that this housing type represents a fraction of the county's non-senior 2021 housing stock, with a share of 3.1%. Meanwhile, the housing type with the largest share of all housing, at nearly a quarter, is multi-family elevator market rate buildings. This housing type has the second-lowest student generation rate factor at 0.062.

Table 4. County-Wide Student Generation Rates Used in the Fall 2021 10-Year Enrollment Projections

	Single Family Detached	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	
K-12 Student Generation Rates	0.452	0.206	0.326	0.062	0.11	0.532	0.242	0.331	0.622	0.050	0.113	0.216
2021 Master Housing Unit Database (MHUD) housing by type shares ¹	23.92%	3.64%	2.19%	24.37%	10.01%	1.03%	8.14%	1.72%	3.10%	12.24%	9.64%	100.00%

¹ Excludes senior housing.

Source: APS, Department of Planning and Evaluation. Sept. 30, 2021 student enrollment and 2021 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 2021 Student Generation Rates."

Projection Approaches by School Level

The following content in this report describes the assumptions used to transition, or age, September 30, 2021 enrolled students into the next grade from 2021 through 2031. It also describes the assumption of how births that occurred between 2017 and 2020 and forecasted births between 2021⁷ and 2026 are used to estimate incoming kindergarten enrollees by school in 2022 and 2031.

The Fall 2021 10-Year enrollment projections reflect the boundaries that will take effect in the 2022-23 school year, including the adjusted middle and high school boundaries approved by the School Board in December 2021.

⁶ Individual student information is not shared by APS with ACG because of data privacy.

⁷ Recorded 2021 births by the Virginia Department of Health will not be published until Summer 2022.

In addition, the Fall 2021 projections count all Sept. 30, 2021 Virtual Learning Program (VLP)⁸ students at the neighborhood school or option program they would have attended otherwise.

Elementary School Assumptions:

Elementary Neighborhood Schools Enrollment Assumptions:

- To project enrollment at neighborhood elementary schools, the Sept. 30, 2021 enrollment is used as a base, or starting point, for the Fall 2021 10-Year enrollment projections. Each school's 2021 enrollment by grade is the sum of students that physically attended the school and VLP student that would otherwise attend that school.
- Incoming Kindergarten cohorts by neighborhood schools for 2022 to 2031 was 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 2021-22 neighborhood elementary boundaries. GIS software was used to match (by address) births that occurred in 2014, 2015, and 2016 to 2021-22 school year elementary school attendance zones. The number of births in 2014, 2015, and 2016 are then tabulated by the 2021-22 school year elementary school boundaries.
 - Similarly, kindergarten enrollment that occurred five years later—in 2019, 2020, and 2021 (including VLP student assigned to their relevant elementary school)—are also tabulated by 2021-22 school year elementary school attendance zones. For this purpose, kindergarten enrollment from 2019 and 2020 are redistributed to conform to the boundary adjustments that took effect for 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 2021-22 neighborhood elementary school boundaries, they are used to calculate Birth-to-kindergarten ratios specific to each neighborhood elementary. The ratios used the following historical births and kindergarten enrollment:
 - Ratio of 2014 births to 2019 kindergarten enrollment by 2021-22 neighborhood elementary school
 - Ratio of 2015 births to 2020 kindergarten enrollment by 2021-22 neighborhood elementary school
 - Ratio of 2016 births to 2021 kindergarten enrollment by 2021-22 neighborhood elementary school
 - A neighborhood elementary school specific weighted 3-year average birth-to-kindergarten ratio is then calculated. The ratio of 2014 births to 2019 kindergarten enrollment is assigned a 50% weight in the 3-year average. The ratio of 2015 births to 2020 kindergarten enrollment is assigned a 20% weight. And, the 2016 births to 2021 kindergarten enrollment is assigned a 30% weight. The weights were developed to de-emphasize ratios quantified using 2020 and 2021 enrollment and place emphasis on the ratios quantified using 2019 enrollment.
 - Another calculation using the historical 2014, 2015, and 2016 birth information, matched to 2021-22 neighborhood elementary boundaries, is to assesses each

⁸ More information on the VLP can be found at <https://vlp.apsva.us/>.

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 2022 to 2031 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 forecasted 2025 births = 2025 weighted 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 2025 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 2030 at Nottingham
- Neighborhood school CTRs:
 - For neighborhood elementary schools that had adjusted or new boundaries effective in the 2021-22 school year, the September 30 enrollment in 2020, 2019, and 2018 had to be redistributed to conform to the new or adjusted boundaries. This redistribution applied to students whose home address in 2020, 2019, or 2018 spatially matches the neighborhood school boundaries for Arlington Science Focus School, Ashlawn, Cardinal, Innovation, Taylor or Tuckahoe as of the 2021-22 school year. 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. Once enrollment for Grades K-5 is established by the 2021-22 boundaries for 2020, 2019, and 2018, the 3-year weighted CTRs are calculated generally based on the following weights:
 - 50% for CTRs between 2018 and 2019
 - 20% for CTRs between 2019 and 2020 (the lower weight is to de-emphasize the 2020 enrollment which was significantly impacted by the COVID-19 pandemic)
 - 30% for CTRs between 2020 and 2021
 - Note that for several school, these weights differed based on school specific enrollment trends.
 - For neighborhood elementary schools that had a boundary adjustment which took effect as of the 2019-20 school year—this includes Abingdon, Alice West Fleet, Barcroft, Dr. Charles Drew, Hoffman-Boston, Long Branch, and Oakridge—the Sept. 30, 2019, 2020, and 2021 enrollment figures reflect the adjusted or new boundaries. In order to calculate CTRs, the 2018 enrollment for Grades K-5 had to be retroactively redistributed to conform to the new or adjusted boundaries. This only affected students with home addresses in 2018 that matched one of the adjusted or new elementary boundaries for the 2019-20 school year and attended a neighborhood school in 2018. Once the Sept. 30 enrollments in 2018, 2019, 2020, and 2021 refer to the same boundaries, the 3-year weighted CTRs are calculated based on the following general weights:
 - 50% for CTRs between 2018 and 2019
 - 20% for CTRs between 2019 and 2020 (the lower weight is to de-emphasize the 2020 enrollment which was significantly impacted by the COVID-19 pandemic)

- 30% for CTRs between 2020 and 2021
 - Note that for several school, these weights differed based on school specific enrollment trends.
- For all other elementary schools where no historical enrollment redistribution was needed—because they did not experience a boundary change in 2019-20 or 2021-22—the historical Sept. 30 enrollment for Grades K-5 in 2018, 2019, 2020, and 2021 was used. CTRs were calculated based on the following weights:
 - 50% for CTRs between 2018 and 2019
 - 20% for CTRs between 2019 and 2020
 - 30% for CTRs between 2020 and 2021
 - Note that for several school, these weights differed based on school specific enrollment trends.

Elementary Option Schools Enrollment Assumptions:

- For the Fall 2022 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 2021-22 School Year” student estimate, see <https://www.apsva.us/wp-content/uploads/2021/04/Spring-Update-to-2021-22-School-Year-For-Publication.pdf>. For subsequent years, the incoming K cohorts could vary based on school capacity considerations.
- For Arlington Traditional, Campbell, Claremont Immersion, Escuela Key, and the Montessori Public School of Arlington, the base used is the September 30, 2021 enrollment, including each school’s relevant VLP students. To this enrollment, starting in 2021-22, the following CTRs are applied:
 - Campbell, Claremont Immersion, Escuela Key use a three-year weighted average CTR which generally emphasize enrollment trends between 2018 to 2019 and de-emphasize the 2019 to 2020 and 2020 to 2021 periods. The weights applied are 50% for 2018 to 2019, 20% for 2019 to 2020, and 30% for the 2020 to 2021 period. Note that in some instances, these weights differed based on school specific enrollment trends. The use of this 3-year average weighted CTR 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 cohorts are applied a 1.0 CTR. This CTR assumes that if a student exits the program, then another student can be enrolled in the program from the waiting list; there is no attrition assumed for this program as cohorts graduate from one grade to the next grade.
 - Similarly, a CTR of 1.0 is also applied to Arlington Traditional. Again, with a CTR of 1.0 the assumption is that the program’s classrooms can accommodate the maximum number of students at any one time because of its extensive wait list.

Middle School Assumptions:

Neighborhood Middle School Enrollment Assumptions:

- Similar to the approach used for neighborhood elementary schools, the Sept. 30, 2021 enrollment is used as a base, or starting point, for the Fall 2021 10-Year Middle School enrollment projections. Note that each middle school’s Sept. 30, 2021 enrollment is the sum of

students that physically attended the school and VLP student that would otherwise attend that school.

- Middle School boundary adjustments to two schools were approved by the School Board on December 2, 2021. Please note that the last section on “Middle School Assumptions” addresses how these boundary adjustments were incorporated into the enrollment projections.
- Incoming Grade 6 students were estimated using the following approach for 2022 to 2027
 - The first step in this process is to identify Grade 5 students that reside in neighborhood Middle School boundaries because they will eventually become incoming Grade 6 students in future years.
 - Enrolled K to Grade 5 students from September 30, 2021 were matched by home address to 2021-22 neighborhood Middle School boundaries (note that middle school boundary changes which will take effect in 2022-23 are addressed later in this section). The reason these students are selected is that they will eventually be future 5th graders. For example, the 2021 4th grader will be in 5th grade in 2022 and a 2021 1st grader will be a future 5th grader in 2025.
 - Because the students in Grades 4, 3, 2, 1 and kindergarten assigned to Middle School boundaries need to be aged into Grade 5, a combination of county-wide 3-year weighted average cohort transition rates (50% for 2018 to 2019, 20% for 2019 to 2020, and 30% for 2020 to 2021) are 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 CTR 3-year weighted averages are applied.
 - Once there are Grade 5 student estimates available for neighborhood middle school boundaries from 2021 to 2026, 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. This CTR is a 3-year weighted average of ratios among Grade 5 in 2018 to Grade 6 in 2019 (50% weight), Grade 5 in 2019 to Grade 6 in 2020 (20% weight), and Grade 5 in 2020 to Grade 6 in 2021 (30% weight).
 - The Grade 5 to 6, 3-year weighted average CTR is applied to actual (2021) or projected (2022 to 2026) Grade 5 students to estimate Grade 6 students in the following year. This CTR was applied to the following Grade 5 students to estimate future Grade 6 students:
 - Grade 5 students in 2021 that might enroll in Grade 6 in 2022
 - Grade 5 students in 2022 that might enroll in Grade 6 in 2023
 - 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
- Incoming Grade 6 students were estimated using the following approach for 2028 to 2031
 - The process described below entails aging projected kindergarten students in 2022 through 2025 into incoming Grade 6 students in 2028 through 2031
 - Past shares of kindergarten students that resided in each middle school attendance zone was quantified. Sept. 30, 2019, 2020, and 2021, kindergarten students were matched to each middle school boundary. Once these kindergarten figures were

tabulated, the share of kindergarten students per middle school boundary area was calculated for each year. Finally, a 3-year weighted average was produced from each year's share. The weights were 30% for 2021, 20% for 2020, and 50% for 2019.

- These shares are then applied to the total number of projected kindergarten students for 2022 through 2025. The product yields an estimate of the number of kindergarten students projected to reside in each middle school attendance zones in 2022 through 2025.
- Because the kindergarten students assigned to Middle School boundaries need to be aged into Grade 5 for years 2027 through 2030, a combination of county-wide 3-year weighted average cohort transition rates (50% for 2018 to 2019, 20% for 2019 to 2020, and 30% for 2020 to 2021) are used. For example, to age a projected kindergarten students to Grade 5, the county-wide kindergarten to Grade 1, Grade 1 to 2....Grade 4 to 5 CTRs, etc. are multiplied.
- Once there are Grade 5 student estimates available for neighborhood middle school boundaries from 2027 to 2030, 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 each middle school's neighborhood boundary one year and how many Grade 6 students are enrolled at the middle school the following year. This CTR is a 3-year weighted average of ratios among Grade 5 in 2018 to Grade 6 in 2019 (50% weight), Grade 5 in 2019 to Grade 6 in 2020 (20% weight), and Grade 5 in 2020 to Grade 6 in 2021 (30% weight).
- These CTRs were applied to the following projected Grade 5 students to estimate future Grade 6 students by middle school:
 - 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
 - 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
- 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 2019-20 school year, students in Grades 6, 7, and 8 at neighborhood middle schools on September 30, 2018 are matched retroactively by home address to 2021-22 neighborhood middle school boundaries. This step is not needed for enrollees from September 30, 2019, 2020, and 2021 since they are already assigned to a neighborhood middle school that reflects the boundaries which took effect in the 2019-20 school year.
 - From these enrollment figures, CTRs are calculated for Grade 6 to 7 and Grade 7 to 8 by neighborhood middle school. The Grade 6 to 7 CTR is a 3-year weighted average of Grade 6 in 2018 to Grade 7 in 2019 (50% weight); Grade 6 in 2019 and Grade 7 in 2020 (20% weight), and Grade 6 in 2020 and Grade 7 in 2021 (30% weight). Similarly, the Grade 7 to 8 CTR is a 3-year weighted average of Grade 7 in 2018 to Grade 8 in 2019 (50% weight); Grade 7 in 2019 and Grade 8 in 2020 (20% weight), and Grade 7 in 2020

and Grade 8 in 2021 (30% weight). Note that for several schools, these weights differed based on school specific enrollment trends.

- These school specific CTRs are then applied starting with the Grade 6 enrollment from September 30, 2021 (including VLP students) which is graduated to Grade 7 using the relevant school's Grade 6 to 7, 3-year weighted average CTR. Similarly, Grade 7 enrollment for September 30, 2021, by neighborhood school is graduated to Grade 8 using the relevant school's Grade 7 to 8, 3-year 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).
- Middle School Boundary Adjustments:
 - On December 2, 2021, the School Board approved boundary adjustments which reassigns 5 planning units from Gunston to Jefferson over the course of three years. This adjustment minimized the impact on students and families by allowing 2021-22 students currently in grades 6-7 at Gunston to remain at their current school through completion of middle school.
 - In order to incorporate the boundary adjustment into the projections, a count of September 30, 2021 kindergarten to Grade 5 students residing in the 5 planning units was taken. Since the 2021, Grade 5 students are known, it is necessary to graduate the kindergarten to Grade 4 students to grade 5 for 2022 through 2026 using county-wide weighted 3-year average CTRs (see earlier incoming grade 6 methods for more information on this process).
 - Grade 5 students for 2027 to 2030 residing in the 5 planning units were estimated using a 5-year average of projected Grade 5 students from 2022 to 2026.
 - With 2021 Grade 5 students and projected 2022 to 2030 Grade 5 students residing in the 5 planning units calculated, these students were added to Jefferson's Grade 5 student residents (see prior section) and subtracted from Gunston's Grade 5 student residents (see prior section) for 2021 through 2030.
 - Lastly, the unique Grade 5 to 6 CTR for Jefferson and Gunston are applied to the 2021 through 2030 resident Grade 5 students to project Grade 6 enrolled students for 2022 through 2031.

Option Middle Schools/Programs:

- Eunice Kennedy Shriver program's enrollment from Sept. 30, 2021 is used in each projection year, from 2022 through 2031.
- H-B Woodlawn's incoming Grade 6 cohort is assumed to be the same as it's Grade 6 enrollment on Sept. 30, 2021.
- H-B Woodlawn uses a 3-year weighted average CTR for Grades 6 to 7 and 7 to 8. The Grade 6 to 7 CTR is a 3-year weighted average of Grade 6 in 2018 to Grade 7 in 2019 (50% weight); Grade 6 in 2019 and Grade 7 in 2020 (20% weight), and Grade 6 in 2020 and Grade 7 in 2021 (30% weight). Similarly, the Grade 7 to 8 CTR is a 3-year weighted average of Grade 7 in 2018 to Grade 8 in 2019 (50% weight); Grade 7 in 2019 and Grade 8 in 2020 (20% weight), and Grade 7 in 2020 and Grade 8 in 2021 (30% weight).

High School Assumptions:

Neighborhood High School Enrollment Assumptions:

- Similar to the approach used for neighborhood elementary and middle schools, the Sept. 30, 2021 enrollment is used as a base, or starting point, for the Fall 2021 10-Year High School enrollment projections. Note that each high school's Sept. 30, 2021 enrollment is the sum of students that physically attended the school and VLP student that would otherwise attend that school.
- High School boundary adjustments to two schools were approved by the School Board on December 2, 2021. These boundaries will take effect in the 2022-23 school year. Please note that the last section on "High School Assumptions" addresses how these boundary adjustments were incorporated into the enrollment projections.
- Incoming Grade 9 students were estimated using the following approach for 2022 to 2030:
 - The first step in this process is to identify Grade 8 students that reside in neighborhood high school boundaries because they will eventually become incoming Grade 9 students.
 - Enrolled K to Grade 8 students from September 30, 2021 were matched by home address to 2021-22 neighborhood High School boundaries (note that high school boundary changes to take effect in 2022-23 are addressed later in this section). The reason these students are selected is that they will eventually be future 8th graders. For example, the 2021 7th grader will be in 8th grade in 2022 and a 2021 1st grader will be a future 8th grader in 2028.
 - Because the kindergarten to Grade 7 students assigned to High School boundaries need to be aged into Grade 8, a combination of county-wide 3-year weighted average cohort transition rates (50% for 2018 to 2019, 20% for 2019 to 2020, and 30% for 2020 to 2021) are used. For example, to age a Grade 5 students in 2021 to Grade 8 in 2024, the county-wide Grade 5 to 6, Grade 6 to 7, and Grade 7 to 8 CTR 3-year weighted averages are applied.
 - Once there are Grade 8 student estimates available for neighborhood high school boundaries from 2021 to 2029, 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 boundary one year and how many Grade 9 students are enrolled at the corresponding high school the following year. This CTR is a 3-year weighted average of ratios among Grade 8 in 2018 to Grade 9 in 2019 (50% weight), Grade 8 in 2019 to Grade 9 in 2020 (20% weight), and Grade 8 in 2020 to Grade 9 in 2021 (30% weight).
 - The Grade 8 to 9, 3-year weighted average CTR is applied to actual (2021) or projected Grade 8 students (2022 to 2029) 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 2021 that might enroll in Grade 9 in 2022
 - Grade 8 students in 2022 that might enroll in Grade 9 in 2023
 - 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
 - 8 students in 2029 that might enroll in Grade 9 in 2030
- Incoming Grade 8 students were estimated using the following approach for 2031
 - The process described below entails aging projected kindergarten students in 2022 into incoming Grade 9 students in 2031
 - Past shares of kindergarten students that resided in each high school attendance zone was quantified. Sept. 30, 2019, 2020, and 2021, 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 3-year weighted average was produced from each year's share. The weights were 30% for 2021, 20% for 2020, and 50% for 2019.
 - These shares are then applied to the total number of projected kindergarten students for 2022. The product yields an estimate of the number of kindergarten students that reside in each high school attendance zones in 2022.
 - Because the kindergarten students assigned to High School boundaries need to be aged into Grade 8 for year 2030, a combination of county-wide 3-year weighted average cohort transition rates (50% for 2018 to 2019, 20% for 2019 to 2020, and 30% for 2020 to 2021) 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 Grade 8 student estimates available for neighborhood high school boundaries for 2030, 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 neighborhood boundary one year and how many Grade 9 students are enrolled at the high school the following year. This CTR is a 3-year weighted average of ratios among Grade 8 in 2018 to Grade 9 in 2019 (50% weight), Grade 8 in 2019 to Grade 9 in 2020 (20% weight), and Grade 8 in 2020 to Grade 9 in 2021 (30% weight).
 - These CTRs were applied to the projected Grade 8 students in 2030 to project Grade 9 students at each of the neighborhood high schools in 2031.
- 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 neighborhood high school to, for example, age the estimated Grade 10 students into Grade 11. The CTRs use Sept. 30 enrollment from 2018, 2019, 2020, and 2021.
 - Note that to produce CTRs that include 2018 high school enrollment figures, the Grade 9, 10, 11 and 12 student counts had to be retroactively re-enumerated to exclude any full-time Arlington Tech, ACADE, HILT and PEP students that attend the Career Center. Previous to the 2019-20 school year, these students were counted at their neighborhood high school.
 - From these 2018 to 2021 enrollment figures, CTRs are calculated for Grade 9 to 10, Grade 10 to 11, and Grade 11 to 12 by neighborhood high school generally based on the following weights:

- The Grade 9 to 10 CTR is a 3-year weighted average of Grade 9 in 2018 to Grade 10 in 2019 (50% weight); Grade 9 in 2019 and Grade 10 in 2020 (20% weight), and Grade 9 in 2020 and Grade 10 in 2021 (30% weight).
 - The Grade 10 to 11 CTR is a 3-year weighted average of Grade 10 in 2018 to Grade 11 in 2019 (50% weight); Grade 10 in 2019 and Grade 11 in 2020 (20% weight), and Grade 10 in 2020 and Grade 11 in 2021 (30% weight).
 - Similarly, the Grade 11 to 12 CTR is a 3-year weighted average of Grade 11 in 2018 to Grade 12 in 2019 (50% weight); Grade 11 in 2019 and Grade 12 in 2020 (20% weight), and Grade 11 in 2020 and Grade 12 in 2021 (30% weight).
 - Note that for several schools, these weights differed based on school specific enrollment trends.
 - 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, 2021 is graduated to Grade 10 in 2022 using the relevant school's Grade 9 to 10, 3-year weighted average CTR. In turn, the following school year, that Grade 10 student is graduated to Grade 11 in 2023 using the relevant school's Grade 10 to 11, 3-year weighted CTR.
- High School Boundary Adjustments:
 - On December 2, 2021, the School Board approved boundary adjustments which reassigns 10 planning units from Wakefield to Washington-Liberty. This adjustment minimized the impact on students and families by allowing 2021-22 students currently in grades 9 to 11 at Wakefield to remain at their current school through completion of high school.
 - In order to incorporate the boundary adjustment into the projections, a count of September 30, 2021 kindergarten to Grade 8 students residing in the 10 planning units was taken. Since the 2021, Grade 8 students are known, it is necessary to graduate the kindergarten to Grade 7 students to Grade 8 for 2022 through 2029 using county-wide weighted 3-year average CTRs (see earlier incoming grade 6 methods for more information on this process).
 - Grade 8 students for 2030 residing in the 10 planning units were estimated using a 5-year average of projected Grade 8 students from 2025 to 2029.
 - With actual 2021 Grade 8 students and projected 2022 to 2030 Grade 8 students residing in the 10 planning units calculated, these students were added to Washington-Liberty's Grade 8 student residents (see prior section) and subtracted from Wakefield's Grade 8 student residents (see prior section) for 2021 through 2030.
 - Lastly, the unique Grade 8 to 9 CTR for Washington-Liberty and Wakefield are applied to the 2021 through 2030 resident Grade 8 students to project Grade 9 enrolled students for 2022 through 2031.

Option High School Schools/Programs:

- Eunice Kennedy Shriver program's enrollment from Sept. 30, 2021 is used in each projection year, from 2022 through 2031. For projections purposes, Eunice Kennedy Shriver's September, 30, 2021 enrollment includes VLP students.
- Arlington Career Center:

- Note that since Sept. 30, 2019, Arlington Career Center’s official enrollment reflects only full-time Arlington Tech, ACADE, HILT and PEP students; prior to the 2019-20 school year, these students were counted at their neighborhood high school.
- For projections purposes, Arlington Career Center’s September, 30, 2021 enrollment includes VLP students.
- Arlington Career Center’s enrollment projections are a combination of the following:
 - Sept. 30, 2021 enrollment by grade for ACADE, HILT, and PEP are used in each projection year, from 2022 through 2031
 - Assumption that the Arlington Tech incoming Grade 9 cohort will be 135 students and the CTR used for each grade is 1.0.
- H-B Woodlawn’s enrollment projections assume:
 - For projections purposes, H-B Woodlawn’s September, 30, 2021 enrollment includes VLP students.
 - H-B Woodlawn uses a 3-year weighted average CTR for Grades 8 to 9, 9 to 10, 10 to 11, and 11 to 12.
 - The Grade 8 to 9 CTR is a 3-year weighted average of Grade 8 in 2018 to Grade 9 in 2019 (50% weight); Grade 8 in 2019 and Grade 9 in 2020 (20% weight), and Grade 8 in 2020 and Grade 9 in 2021 (30% weight).
 - The Grade 9 to 10 CTR is a 3-year weighted average of Grade 9 in 2018 to Grade 10 in 2019 (50% weight); Grade 9 in 2019 and Grade 10 in 2020 (20% weight), and Grade 9 in 2020 and Grade 10 in 2021 (30% weight).
 - The Grade 10 to 11 CTR is a 3-year weighted average of Grade 10 in 2018 to Grade 11 in 2019 (50% weight); Grade 10 in 2019 and Grade 11 in 2020 (20% weight), and Grade 10 in 2020 and Grade 11 in 2021 (30% weight).
 - Similarly, Grade 10 to 12 CTR is a 3-year weighted average of Grade 11 in 2018 to Grade 12 in 2019 (50% weight); Grade 11 in 2019 and Grade 12 in 2020 (20% weight), and Grade 11 in 2020 and Grade 12 in 2021 (30% weight).
 - Note that for some CTRs, these weights differed based on the school’s specific enrollment trends.
 - The incoming Grade 9 students are projected using the Grade 8 students projected for H-B Woodlawn in a prior year—for example, a Grade 8 student projected for 2022 is graduated to Grade 9 in 2023 using the Grade 8 to 9 3-year weighted CTR (see *Middle School Assumptions* section).
- Enrollment by grade as of Sept. 30, 2021 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 assume 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 2021 10-year projections, that is the 2021-22 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.

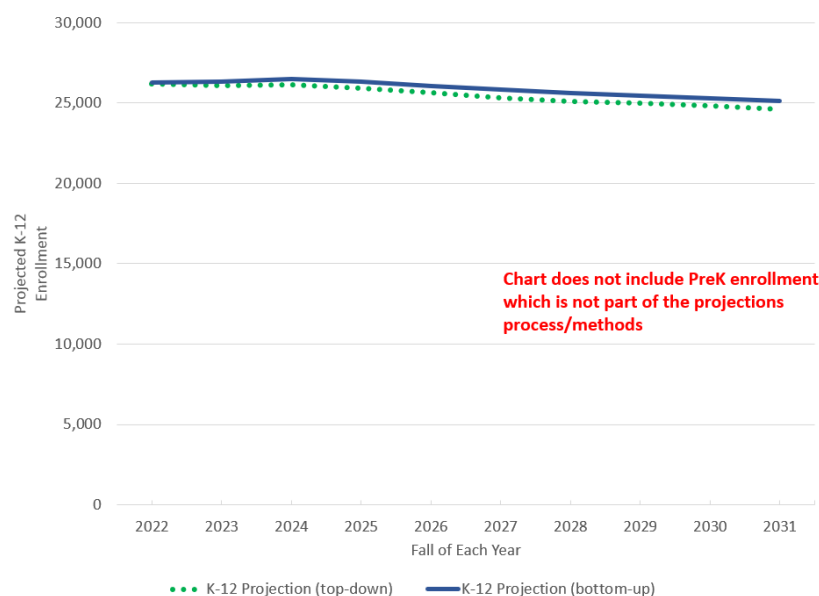
Steps to Validate Projections

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, three projections scenarios were shared with the Superintendent’s Cabinet, a new process, so that APS leadership could provide input on which scenario to choose for budget, staffing, and other short-term and long-term planning. The chosen projections scenario is the subject of this report.

In addition, at the beginning of the projections development process, the *Enrollment Projections Internal Review Committee* was briefed on key assumptions that were likely to shape 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 from Statistical Forecasting LLC also offered perspectives. Additionally, a member of the Advisory Council on School Facilities and Capital Programs (FAC) participated in the committee and provided updates on the enrollment projection’s process to the rest of the FAC. After the Superintendent’s Cabinet decided on an enrollment projections scenario, the committee was briefed on the assumptions underlying that projection.

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 5. The enrollment projections from the two approaches were reviewed and ultimately validated with assistance from an outside consultant.

Chart 5. 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 2022-23 (Grade K to 12)

	Enrollment Projection: Grade K to 12														PreK Update (November 2021)					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	
ELEMENTARY SCHOOL																				
Abingdon Elementary School	135	126	135	130	108	100								734	32	16	0	0	48	782
Alice West Fleet Elementary School	99	80	97	103	93	78								550	32	6	34	6	78	628
Arlington Science Focus Elementary	95	92	89	70	80	83								509	0	0	0	0	0	509
Arlington Traditional Elementary ⁶	125	121	94	98	114	100								652	48	6	0	0	54	706
Ashlawn Elementary School	95	96	68	90	85	95								529	16	16	0	0	32	561
Barcroft Elementary School	69	68	87	59	64	83								430	32	15	0	7	54	484
Barrett Elementary School	93	81	89	96	84	73								516	42	22	17	0	81	597
Campbell Elementary School ⁶	72	60	66	64	63	65								390	48	0	0	0	48	438
Cardinal Elementary School	110	106	91	107	115	121								650	0	0	0	0	0	650
Carlin Springs Elementary School	85	90	73	78	73	83								482	42	31	17	18	108	590
Claremont Elementary School ⁶	96	89	115	103	104	89								596	32	0	0	0	32	628
Discovery Elementary School	78	64	77	75	89	89								472	0	8	28	0	36	508
Dr. Charles R. Drew Elementary School	67	70	60	55	70	54								376	26	44	0	14	84	460
Escuela Key Elementary School ⁶	96	90	100	96	91	97								570	32	0	0	0	32	602
Glebe Elementary School	81	88	97	81	80	96								523	0	7	0	7	14	537
Hoffman-Boston Elementary School	85	91	85	76	96	54								487	52	37	0	7	96	583
Innovation Elementary School	70	69	66	73	76	63								417	16	7	0	7	30	447
Jamestown Elementary School	90	76	63	78	79	68								454	0	16	51	4	71	525
Long Branch Elementary School	62	54	63	56	61	68								364	16	6	0	0	22	386
Montessori Public School of Arlington ^{1, 6}	50	61	75	86	67	61								400	0	8	119	0	127	527
Nottingham Elementary School	66	61	63	67	41	73								371	0	14	0	14	28	399
Oakridge Elementary School	105	108	112	96	97	99								617	16	16	17	0	49	666
Randolph Elementary School	65	62	65	63	68	72								395	44	16	0	0	60	455
Taylor Elementary School	75	63	100	73	88	93								492	0	7	0	7	14	506
Tuckahoe Elementary School	68	71	78	56	74	75								422	0	14	0	14	28	450
Full Time Distance Learning	0	0	0	0	0	0								0	0	0	0	0	0	0
Integration Station ²	0	0	0	0	0	0								0	0	60	0	0	60	60
Elementary School Subtotal	2,132	2,037	2,108	2,029	2,060	2,032	-	-	-	-	-	-	-	12,398	526	372	283	105	1,286	13,684
MIDDLE SCHOOL ³																				
Dorothy Hamm Middle School							272	285	298					855					855	855
Eunice Kennedy Shriver Program							1	2	3					6					6	6
Gunston Middle School							358	372	369					1,099					1,099	1,099
H-B Woodlawn Secondary Program							79	81	83					243					243	243
Jefferson Middle School							345	310	296					951					951	951
Kenmore Middle School							280	313	330					923					923	923
Swanson Middle School							314	279	326					919					919	919
Williamsburg Middle School							242	256	251					749					749	749
Full Time Distance Learning							0	0	0					0					0	0
Middle School Subtotal	-	-	-	-	-	-	1,891	1,898	1,956	-	-	-	-	5,745						5,745
HIGH SCHOOL ³																				
Arlington Career Center (Full-Time) ⁴										152	133	133	169	587					587	587
Arlington Community High School ⁵										5	3	20	44	72					72	72
Eunice Kennedy Shriver Program										1	1	6	12	20					20	20
H-B Woodlawn Secondary Program										121	119	106	108	454					454	454
Langston High School Continuation ⁵										1	6	28	46	81					81	81
New Directions Program										2	3	5	6	16					16	16
Wakefield High School										601	691	566	516	2,374					2,374	2,374
Washington-Liberty High School										643	606	527	557	2,333					2,333	2,333
Yorktown High School										563	565	492	600	2,220					2,220	2,220
Full Time Distance Learning										0	0	0	0	0					0	0
High School Subtotal	-	-	-	-	-	-	-	-	-	2,089	2,127	1,883	2,058	8,157						8,157
Total (Grade K to Grade 12)	2,132	2,037	2,108	2,029	2,060	2,032	1,891	1,898	1,956	2,089	2,127	1,883	2,058	26,300						
Total (PreK to Grade 12)	2,132	2,037	2,108	2,029	2,060	2,032	1,891	1,898	1,956	2,089	2,127	1,883	2,058	26,300	526	372	283	105	1,286	27,586

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

² Does not include 60 community based students who are registered at their home schools as dual-enrollees.

³ 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.

⁴ 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.

⁵ 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.

⁶ 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 2021-22 School Year, <https://www.apsva.us/wp-content/uploads/2021/04/Spring-Update-to-2021-22-School-Year-For-Publication.pdf>. The incoming K enrollment assumptions will be updated as part of the 2021 Annual Update.

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 2023-24 (Grade K to 12)

	Enrollment Projection: Grade K to 12													PreK Update (November 2021)					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
ELEMENTARY SCHOOL																				
Abingdon Elementary School	133	136	136	143	129	112								789	32	16	0	0	48	837
Alice West Fleet Elementary School	98	99	83	101	100	99								580	32	6	34	6	78	658
Arlington Science Focus Elementary	96	98	95	81	72	73								515	0	0	0	0	0	515
Arlington Traditional Elementary ⁶	100	125	121	94	98	114								652	48	6	0	0	54	706
Ashlawn Elementary School	94	96	92	64	85	81								512	16	16	0	0	32	544
Barcroft Elementary School	68	72	68	89	57	71								425	32	15	0	7	54	479
Barrett Elementary School	92	96	81	89	87	86								531	42	22	17	0	81	612
Campbell Elementary School ⁶	72	68	61	65	66	62								394	48	0	0	0	48	442
Cardinal Elementary School	109	114	100	88	101	118								630	0	0	0	0	0	630
Carlin Springs Elementary School	84	86	90	75	69	74								478	42	31	17	18	108	586
Claremont Elementary School ⁶	120	92	83	105	95	97								592	32	0	0	0	32	624
Discovery Elementary School	77	82	61	78	74	86								458	0	8	28	0	36	494
Dr. Charles R. Drew Elementary School	66	68	61	57	52	63								367	26	44	0	14	84	451
Escuela Key Elementary School ⁶	96	91	82	94	88	83								534	32	0	0	0	32	566
Glebe Elementary School	80	85	88	95	84	78								510	0	7	0	7	14	524
Hoffman-Boston Elementary School	89	84	97	81	81	85								517	52	37	0	7	96	613
Innovation Elementary School	70	75	69	69	77	69								429	16	7	0	7	30	459
Jamestown Elementary School	89	88	74	64	74	77								466	0	16	51	4	71	537
Long Branch Elementary School	61	63	47	63	53	60								347	16	6	0	0	22	369
Montessori Public School of Arlington ^{1, 6}	50	50	61	75	86	67								389	0	8	119	0	127	516
Nottingham Elementary School	65	70	62	59	64	38								358	0	14	0	14	28	386
Oakridge Elementary School	104	113	109	112	101	104								643	16	16	17	0	49	692
Randolph Elementary School	64	68	60	60	62	69								383	44	16	0	0	60	443
Taylor Elementary School	74	80	63	102	74	95								488	0	7	0	7	14	502
Tuckahoe Elementary School	67	71	74	73	57	74								416	0	14	0	14	28	444
Full Time Distance Learning	0	0	0	0	0	0								0	0	0	0	0	0	0
Integration Station ²														0	0	60	0	0	60	60
Elementary School Subtotal	2,118	2,170	2,018	2,076	1,986	2,035	-	-	-	-	-	-	-	12,403	526	372	283	105	1,286	13,689
MIDDLE SCHOOL ³																				
Dorothy Hamm Middle School							296	271	278					845						845
Eunice Kennedy Shriver Program							1	2	3					6						6
Gunston Middle School							355	355	374					1,084						1,084
H-B Woodlawn Secondary Program							79	81	83					243						243
Jefferson Middle School							341	344	320					1,005						1,005
Kenmore Middle School							301	270	301					872						872
Swanson Middle School							320	301	277					898						898
Williamsburg Middle School							255	239	252					746						746
Full Time Distance Learning							0	0	0					0						0
Middle School Subtotal	-	-	-	-	-	-	1,948	1,863	1,888	-	-	-	-	5,699						5,699
HIGH SCHOOL ³																				
Arlington Career Center (Full-Time) ⁴										152	159	130	184	625						625
Arlington Community High School ⁵										5	3	20	44	72						72
Eunice Kennedy Shriver Program										1	1	6	12	20						20
H-B Woodlawn Secondary Program										123	128	115	105	471						471
Langston High School Continuation ⁵										1	6	28	46	81						81
New Directions Program										2	3	5	6	16						16
Wakefield High School										582	602	652	541	2,377						2,377
Washington-Liberty High School										668	658	612	500	2,438						2,438
Yorktown High School										548	558	565	481	2,152						2,152
Full Time Distance Learning										0	0	0	0	0						0
High School Subtotal	-	-	-	-	-	-	-	-	-	2,082	2,118	2,133	1,919	8,252						8,252
Total (Grade K to Grade 12)	2,118	2,170	2,018	2,076	1,986	2,035	1,948	1,863	1,888	2,082	2,118	2,133	1,919	26,354						
Total (PreK to Grade 12)	2,118	2,170	2,018	2,076	1,986	2,035	1,948	1,863	1,888	2,082	2,118	2,133	1,919	26,354	526	372	283	105	1,286	27,640

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

² Does not include 60 community based students who are registered at their home schools as dual-enrollees.

³ 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.

⁴ 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.

⁵ 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.

⁶ 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 2021-22 School Year, <https://www.apsva.us/wp-content/uploads/2021/04/Spring-Update-to-2021-22-School-Year-For-Publication.pdf>. The incoming K enrollment assumptions will be updated as part of the 2021 Annual Update.

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 2024-25 (Grade K to 12)

	Enrollment Projection: Grade K to 12														PreK Update (November 2021)					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	
ELEMENTARY SCHOOL																				
Abingdon Elementary School	120	134	146	143	142	134								819	32	16	0	0	48	867
Alice West Fleet Elementary School	91	99	105	88	100	108								591	32	6	34	6	78	669
Arlington Science Focus Elementary	89	99	102	86	83	66								525	0	0	0	0	0	525
Arlington Traditional Elementary ⁶	100	100	125	121	94	98								638	48	6	0	0	54	692
Ashlawn Elementary School	91	101	98	92	66	86								534	16	16	0	0	32	566
Barcroft Elementary School	62	71	73	70	87	63								426	32	15	0	7	54	480
Barrett Elementary School	85	96	97	82	82	90								532	42	22	17	0	81	613
Campbell Elementary School ⁶	72	68	69	60	67	65								401	48	0	0	0	48	449
Cardinal Elementary School	99	113	108	97	83	103								603	0	0	0	0	0	603
Carlin Springs Elementary School	76	85	86	92	67	71								477	42	31	17	18	108	585
Claremont Elementary School ⁶	120	115	85	75	97	89								581	32	0	0	0	32	613
Discovery Elementary School	70	81	79	62	77	72								441	0	8	28	0	36	477
Dr. Charles R. Drew Elementary School	60	67	59	58	53	46								343	26	44	0	14	84	427
Escuela Key Elementary School ⁶	96	91	83	78	86	80								514	32	0	0	0	32	546
Glebe Elementary School	73	84	85	87	99	81								509	0	7	0	7	14	523
Hoffman-Boston Elementary School	82	84	87	89	83	70								495	52	37	0	7	96	591
Innovation Elementary School	64	75	75	73	73	70								430	16	7	0	7	30	460
Jamestown Elementary School	81	87	85	74	61	72								460	0	16	51	4	71	531
Long Branch Elementary School	56	62	54	47	59	52								330	16	6	0	0	22	352
Montessori Public School of Arlington ^{1, 6}	50	50	50	61	75	86								372	0	8	119	0	127	499
Nottingham Elementary School	59	69	71	58	56	59								372	0	14	0	14	28	400
Oakridge Elementary School	100	116	118	114	122	113								683	16	16	17	0	49	732
Randolph Elementary School	58	67	67	56	59	63								370	44	16	0	0	60	430
Taylor Elementary School	67	79	80	64	103	80								473	0	7	0	7	14	487
Tuckahoe Elementary School	61	70	73	69	75	57								405	0	14	0	14	28	433
Full Time Distance Learning	0	0	0	0	0	0								0	0	0	0	0	0	0
Integration Station ²														0	0	60	0	0	60	60
Elementary School Subtotal	1,982	2,163	2,160	1,996	2,049	1,974	-	-	-	-	-	-	-	12,324	526	372	283	105	1,286	13,610
MIDDLE SCHOOL ³																				
Dorothy Hamm Middle School							278	293	264					835						835
Eunice Kennedy Shriver Program							1	2	3					6						6
Gunston Middle School							384	353	359					1,096						1,096
H-B Woodlawn Secondary Program							79	81	82					242						242
Jefferson Middle School							363	339	354					1,056						1,056
Kenmore Middle School							302	291	260					853						853
Swanson Middle School							323	319	311					953						953
Williamsburg Middle School							228	252	235					715						715
Full Time Distance Learning							0	0	0					0						0
Middle School Subtotal	-	-	-	-	-	-	1,958	1,930	1,868	-	-	-	-	5,756						5,756
HIGH SCHOOL ³																				
Arlington Career Center (Full-Time) ⁴										152	159	156	181	648						648
Arlington Community High School ⁵										5	3	20	44	72						72
Eunice Kennedy Shriver Program										1	1	6	12	20						20
H-B Woodlawn Secondary Program										123	130	123	114	490						490
Langston High School Continuation ⁵										1	6	28	46	81						81
New Directions Program										2	3	5	6	16						16
Wakefield High School										609	586	570	624	2,389						2,389
Washington-Liberty High School										576	689	670	585	2,520						2,520
Yorktown High School										542	542	558	551	2,193						2,193
Full Time Distance Learning										0	0	0	0	0						0
High School Subtotal	-	-	-	-	-	-	-	-	-	2,011	2,119	2,136	2,163	8,429						8,429
Total (Grade K to Grade 12)	1,982	2,163	2,160	1,996	2,049	1,974	1,958	1,930	1,868	2,011	2,119	2,136	2,163	26,509						
Total (PreK to Grade 12)	1,982	2,163	2,160	1,996	2,049	1,974	1,958	1,930	1,868	2,011	2,119	2,136	2,163	26,509	526	372	283	105	1,286	27,795

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

² Does not include 60 community based students who are registered at their home schools as dual-enrollees.

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⁵ 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.

⁶ 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 2021-22 School Year, <https://www.apsva.us/wp-content/uploads/2021/04/Spring-Update-to-2021-22-School-Year-For-Publication.pdf>. The incoming K enrollment assumptions will be updated as part of the 2021 Annual Update.

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Attachment A, Table 4 - Enrollment Projection for 2025-26 (Grade K to 12)

	Enrollment Projection: Grade K to 12														PreK Update (November 2021)					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	
ELEMENTARY SCHOOL																				
Abingdon Elementary School	119	121	144	155	142	148								829	32	16	0	0	48	877
Alice West Fleet Elementary School	93	94	107	112	89	109								604	32	6	34	6	78	682
Arlington Science Focus Elementary	89	91	101	92	88	75								536	0	0	0	0	0	536
Arlington Traditional Elementary ⁶	100	100	100	125	121	94								640	48	6	0	0	54	694
Ashlawn Elementary School	91	92	97	92	88	63								523	16	16	0	0	32	555
Barcroft Elementary School	61	65	72	75	68	96								437	32	15	0	7	54	491
Barrett Elementary School	85	88	96	98	75	85								527	42	22	17	0	81	608
Campbell Elementary School ⁶	72	68	69	68	61	66								404	48	0	0	0	48	452
Cardinal Elementary School	98	103	107	105	91	84								588	0	0	0	0	0	588
Carlin Springs Elementary School	76	77	85	88	82	68								476	42	31	17	18	108	584
Claremont Elementary School ⁶	120	115	107	78	69	90								579	32	0	0	0	32	611
Discovery Elementary School	69	74	78	79	61	75								436	0	8	28	0	36	472
Dr. Charles R. Drew Elementary School	61	61	59	56	55	49								341	26	44	0	14	84	425
Escuela Key Elementary School ⁶	96	91	83	78	71	79								498	32	0	0	0	32	530
Glebe Elementary School	72	76	84	83	90	96								501	0	7	0	7	14	515
Hoffman-Boston Elementary School	82	76	85	78	90	70								481	52	37	0	7	96	577
Innovation Elementary School	65	68	75	78	77	66								429	16	7	0	7	30	459
Jamestown Elementary School	80	79	84	86	71	59								459	0	16	51	4	71	530
Long Branch Elementary School	55	57	54	54	45	59								324	16	6	0	0	22	346
Montessori Public School of Arlington ^{1, 6}	50	50	50	50	61	75								336	0	8	119	0	127	463
Nottingham Elementary School	58	63	70	66	55	51								363	0	14	0	14	28	391
Oakridge Elementary School	105	111	121	122	123	136								718	16	16	17	0	49	767
Randolph Elementary School	57	61	66	62	55	60								361	44	16	0	0	60	421
Taylor Elementary School	67	72	80	82	66	112								479	0	7	0	7	14	493
Tuckahoe Elementary School	61	64	73	68	71	75								412	0	14	0	14	28	440
Full Time Distance Learning	0	0	0	0	0	0								0	0	0	0	0	0	0
Integration Station ²														0	0	60	0	0	60	60
Elementary School Subtotal	1,982	2,017	2,147	2,130	1,965	2,040	-	-	-	-	-	-	-	12,281	526	372	283	105	1,286	13,567
MIDDLE SCHOOL ³																				
Dorothy Hamm Middle School							281	277	287					845					845	845
Eunice Kennedy Shriver Program							1	2	3					6					6	6
Gunston Middle School							385	382	357					1,124					1,124	1,124
H-B Woodlawn Secondary Program							79	81	82					242					242	242
Jefferson Middle School							336	361	350					1,047					1,047	1,047
Kenmore Middle School							289	291	280					860					860	860
Swanson Middle School							310	312	318					940					940	940
Williamsburg Middle School							213	226	248					687					687	687
Full Time Distance Learning							0	0	0					0					0	0
Middle School Subtotal	-	-	-	-	-	-	1,894	1,932	1,925	-	-	-	-	5,751						5,751
HIGH SCHOOL ³																				
Arlington Career Center (Full-Time) ⁴										152	159	156	207	674					674	674
Arlington Community High School ⁵										5	3	20	44	72					72	72
Eunice Kennedy Shriver Program										1	1	6	12	20					20	20
H-B Woodlawn Secondary Program										121	130	125	122	498					498	498
Langston High School Continuation ⁵										1	6	28	46	81					81	81
New Directions Program										2	3	5	6	16					16	16
Wakefield High School										610	612	555	546	2,323					2,323	2,323
Washington-Liberty High School										572	587	693	632	2,484					2,484	2,484
Yorktown High School										504	539	543	546	2,132					2,132	2,132
Full Time Distance Learning										0	0	0	0	0					0	0
High School Subtotal	-	-	-	-	-	-	-	-	-	1,968	2,040	2,131	2,161	8,300						8,300
Total (Grade K to Grade 12)	1,982	2,017	2,147	2,130	1,965	2,040	1,894	1,932	1,925	1,968	2,040	2,131	2,161	26,332						
Total (PreK to Grade 12)	1,982	2,017	2,147	2,130	1,965	2,040	1,894	1,932	1,925	1,968	2,040	2,131	2,161	26,332	526	372	283	105	1,286	27,618

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

² Does not include 60 community based students who are registered at their home schools as dual-enrollees.

³ 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.

⁴ 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.

⁵ 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.

⁶ 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 2021-22 School Year, <https://www.apsva.us/wp-content/uploads/2021/04/Spring-Update-to-2021-22-School-Year-For-Publication.pdf>. The incoming K enrollment assumptions will be updated as part of the 2021 Annual Update.

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Attachment A, Table 5 - Enrollment Projection for 2026-27 (Grade K to 12)

	Enrollment Projection: Grade K to 12														PreK Update (November 2021)					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	
ELEMENTARY SCHOOL																				
Abingdon Elementary School	115	120	130	153	153	148								819	32	16	0	0	48	867
Alice West Fleet Elementary School	92	94	99	113	111	96								605	32	6	34	6	78	683
Arlington Science Focus Elementary	86	91	94	92	93	80								536	0	0	0	0	0	536
Arlington Traditional Elementary ⁶	100	100	100	100	125	121								646	48	6	0	0	54	700
Ashlawn Elementary School	87	92	88	91	88	83								529	16	16	0	0	32	561
Barcroft Elementary School	59	64	65	74	73	75								410	32	15	0	7	54	464
Barrett Elementary School	82	88	89	97	89	78								523	42	22	17	0	81	604
Campbell Elementary School ⁶	48	68	69	68	70	61								384	48	0	0	0	48	432
Cardinal Elementary School	94	102	97	104	99	93								589	0	0	0	0	0	589
Carlin Springs Elementary School	74	78	78	88	80	85								483	42	31	17	18	108	591
Claremont Elementary School ⁶	120	115	107	97	71	65								575	32	0	0	0	32	607
Discovery Elementary School	67	73	71	79	79	59								428	0	8	28	0	36	464
Dr. Charles R. Drew Elementary School	60	63	55	57	54	51								340	26	44	0	14	84	424
Escuela Key Elementary School ⁶	96	91	83	78	72	65								485	32	0	0	0	32	517
Glebe Elementary School	70	75	76	82	87	87								477	0	7	0	7	14	491
Hoffman-Boston Elementary School	79	76	78	77	79	76								465	52	37	0	7	96	561
Innovation Elementary School	65	71	70	79	84	71								440	16	7	0	7	30	470
Jamestown Elementary School	77	78	77	85	82	69								468	0	16	51	4	71	539
Long Branch Elementary School	53	56	49	54	52	44								308	16	6	0	0	22	330
Montessori Public School of Arlington ^{1, 6}	50	50	50	50	50	61								311	0	8	119	0	127	438
Nottingham Elementary School	56	62	63	65	63	51								360	0	14	0	14	28	388
Oakridge Elementary School	104	114	114	123	130	135								720	16	16	17	0	49	769
Randolph Elementary School	55	60	60	61	61	56								353	44	16	0	0	60	413
Taylor Elementary School	66	73	73	82	84	72								450	0	7	0	7	14	464
Tuckahoe Elementary School	59	63	67	68	70	71								398	0	14	0	14	28	426
Full Time Distance Learning	0	0	0	0	0	0								0	0	0	0	0	0	0
Integration Station ²														0	0	60	0	0	60	60
Elementary School Subtotal	1,914	2,017	2,002	2,117	2,099	1,953	-	-	-	-	-	-	-	12,102	526	372	283	105	1,286	13,388
MIDDLE SCHOOL ³																				
Dorothy Hamm Middle School							309	280	273					862					862	862
Eunice Kennedy Shriver Program							1	2	3					6					6	6
Gunston Middle School							412	381	384					1,177					1,177	1,177
H-B Woodlawn Secondary Program							79	81	82					242					242	242
Jefferson Middle School							354	334	372					1,060					1,060	1,060
Kenmore Middle School							285	282	284					851					851	851
Swanson Middle School							273	298	310					881					881	881
Williamsburg Middle School							224	211	222					657					657	657
Full Time Distance Learning							0	0	0					0					0	0
Middle School Subtotal	-	-	-	-	-	-	1,937	1,869	1,930	-	-	-	-	5,736						5,736
HIGH SCHOOL ³																				
Arlington Career Center (Full-Time) ⁴										152	159	156	207	674					674	674
Arlington Community High School ⁵										5	3	20	44	72					72	72
Eunice Kennedy Shriver Program										1	1	6	12	20					20	20
H-B Woodlawn Secondary Program										121	128	125	124	498					498	498
Langston High School Continuation ⁵										1	6	28	46	81					81	81
New Directions Program										2	3	5	6	16					16	16
Wakefield High School										606	612	578	530	2,326					2,326	2,326
Washington-Liberty High School										615	583	590	653	2,441					2,441	2,441
Yorktown High School										523	502	541	533	2,099					2,099	2,099
Full Time Distance Learning										0	0	0	0	0					0	0
High School Subtotal	-	-	-	-	-	-	-	-	-	2,026	1,997	2,049	2,155	8,227						8,227
Total (Grade K to Grade 12)	1,914	2,017	2,002	2,117	2,099	1,953	1,937	1,869	1,930	2,026	1,997	2,049	2,155	26,065						
Total (PreK to Grade 12)	1,914	2,017	2,002	2,117	2,099	1,953	1,937	1,869	1,930	2,026	1,997	2,049	2,155	26,065	526	372	283	105	1,286	27,351

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² Does not include 60 community based students who are registered at their home schools as dual-enrollees.

³ 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.

⁴ 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.

⁵ 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.

⁶ 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 2021-22 School Year, <https://www.apsva.us/wp-content/uploads/2021/04/Spring-Update-to-2021-22-School-Year-For-Publication.pdf>. The incoming K enrollment assumptions will be updated as part of the 2021 Annual Update.

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Attachment A, Table 6 - Enrollment Projection for 2027-28 to 2031-32 (Grade K to 12)

	Enrollment Projection: Grade K to 12														PreK Update (November 2021)					PreK-12 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	
2027-28	1,935	1,948	1,997	1,971	2,080	2,084	1,879	1,911	1,864	2,026	2,054	2,003	2,076	25,828	526	372	283	105	1,286	27,114
2028-29	1,910	1,967	1,930	1,967	1,935	2,061	1,979	1,852	1,906	1,955	2,053	2,062	2,033	25,610	526	372	283	105	1,286	26,896
2029-30	1,942	1,943	1,950	1,902	1,932	1,922	1,970	1,951	1,847	1,991	1,981	2,059	2,087	25,477	526	372	283	105	1,286	26,763
2030-31	1,954	1,974	1,925	1,920	1,867	1,921	1,845	1,940	1,941	1,924	2,016	1,985	2,084	25,296	526	372	283	105	1,286	26,582
2031-32	1,946	1,986	1,957	1,898	1,886	1,850	1,841	1,816	1,932	2,018	1,949	2,018	2,014	25,111	526	372	283	105	1,286	26,397

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⁴ 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.

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⁶ 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 2021-22 School Year, <https://www.apsva.us/wp-content/uploads/2021/04/Spring-Update-to-2021-22-School-Year-For-Publication.pdf>. The incoming K enrollment assumptions will be updated as part of the 2021 Annual Update.

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Attachment B: Fall 2021 Housing Unit Forecast and Projected Student Yield

Forecast Year	Development Name	Address	Net New Units	2022-23 School Year			Projected Student Estimate (K-12)
				Elementary	Middle	High	
2021	620 S Veitch St	620 S VEITCH ST	1	Alice W. Fleet	Jefferson	Wakefield	0.44
2021	2733 1st St S	2733 1ST ST S	1	Alice W. Fleet	Jefferson	Wakefield	0.44
2021	620 S Veitch St (approved ADU)	620 S VEITCH ST	1	Alice W. Fleet	Jefferson	Wakefield	0.44
2021	3601 2nd St S (approved ADU)	3601 2ND ST S	1	Alice W. Fleet	Jefferson	Wakefield	0.44
2021	2017 N Oakland St (approved ADU)	2017 N OAKLAND ST (ADU)	1	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	0.42
2021	1027 N Edgewood St (approved ADU)	1027 N EDGEWOOD ST	1	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	0.42
2021	3123 Key Blvd (approved ADU)	3123 KEY BLVD	1	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	0.42
2021	3156 18th St N	3156 18TH ST N	1	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	0.42
2021	Clarendon West *	1123 N IRVING ST	333	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	12.99
2021	1903 N Monroe St	1903 N MONROE ST	1	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	0.42
2021	1904 N Oakland St	1904 N OAKLAND ST	1	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	0.42
2021	1031 N Edgewood St	1031 N EDGEWOOD ST	1	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	0.42
2021	1028 N Edgewood St	1028 N EDGEWOOD ST	1	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	0.42
2021	3174 21st St N	3174 21ST ST N	1	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	0.42
2021	1027 N Edgewood St	1027 N EDGEWOOD ST	1	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	0.42
2021	3123 Key Blvd	3123 KEY BLVD	1	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	0.42
2021	1800 N Hartford St	1800 N HARTFORD ST	1	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	0.42
2021	1501 N Hartford St	1501 N HARTFORD ST	1	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	0.42
2021	5717 6th St N	5717 6TH ST N	1	Ashlawn	Kenmore	Washington-Liberty	0.45
2021	624 N Harrison St	624 N HARRISON ST	1	Ashlawn	Kenmore	Washington-Liberty	0.45
2021	5743 4th St N	5743 4TH ST N	1	Ashlawn	Kenmore	Washington-Liberty	0.45
2021	5741 4th St N	5741 4TH ST N	1	Ashlawn	Kenmore	Washington-Liberty	0.45
2021	733 N Emerson St	733 N EMERSON ST	1	Ashlawn	Kenmore	Washington-Liberty	0.45
2021	520 N Emerson St	520 N EMERSON ST	1	Ashlawn	Kenmore	Washington-Liberty	0.45
2021	6033 6th St N	6033 6TH ST N	1	Ashlawn	Kenmore	Yorktown	0.47
2021	854 N Abingdon St	854 N ABINGDON ST	1	Ashlawn	Swanson	Washington-Liberty	0.45
2021	722 N Buchanan St	722 N BUCHANAN ST	1	Ashlawn	Swanson	Washington-Liberty	0.45
2021	732/734 N Wakefield St	732 N WAKEFIELD ST	2	Ashlawn	Swanson	Washington-Liberty	0.51
2021	843 N Buchanan St (approved ADU)	843 N BUCHANAN ST	1	Ashlawn	Swanson	Washington-Liberty	0.45
2021	863 N Burlington St	863 N BURLINGTON ST	3	Ashlawn	Swanson	Washington-Liberty	0.42
2021	5115 9th St N	5115 9TH ST N	1	Ashlawn	Swanson	Washington-Liberty	0.45
2021	3619 8th St S	3619 8TH ST S	1	Barcroft	Jefferson	Wakefield	0.40
2021	3935 6th St S	3935 6TH ST S	1	Barcroft	Jefferson	Wakefield	0.40
2021	3616 7th St S (approved ADU)	3616 7TH ST S	1	Barcroft	Jefferson	Wakefield	0.40
2021	4645 4th St S	4645 4TH ST S	1	Barcroft	Kenmore	Wakefield	0.42
2021	989 S Buchanan St	989 S BUCHANAN ST	1	Barcroft	Kenmore	Wakefield	0.42
2021	4713 8th Rd S	4713 8TH RD S	1	Barcroft	Kenmore	Wakefield	0.42
2021	4709 8th Rd S	4709 8TH RD S	1	Barcroft	Kenmore	Wakefield	0.42
2021	4316 6th St S	4316 6TH ST S	1	Barcroft	Kenmore	Wakefield	0.42
2021	4707 Columbia Pike	4707 COLUMBIA PIKE	1	Barcroft	Kenmore	Wakefield	0.42
2021	4406 9th St S	4406 9TH ST S	1	Barcroft	Kenmore	Wakefield	0.42
2021	300 N Park Dr	300 N PARK DR	1	Barrett	Kenmore	Washington-Liberty	0.44
2021	4763 1st St N	4763 1ST ST N	1	Barrett	Kenmore	Washington-Liberty	0.44
2021	1202 N Columbus St	1202 N COLUMBUS ST	1	Cardinal	Swanson	Washington-Liberty	0.48
2021	1912 N Kenilworth St	1912 N KENILWORTH ST	1	Cardinal	Swanson	Yorktown	0.51
2021	1912 N Lexington St	1912 N LEXINGTON ST	1	Cardinal	Swanson	Yorktown	0.51
2021	2126 N Hollister St	2126 N HOLLISTER ST	1	Cardinal	Swanson	Yorktown	0.51
2021	1619 N Kenilworth St	1619 N KENILWORTH ST	1	Cardinal	Swanson	Yorktown	0.51
2021	5001 30th St N	5001 30TH ST N	1	Discovery	Williamsburg	Yorktown	0.49
2021	5001 26th St N	5001 26TH ST N	1	Discovery	Williamsburg	Yorktown	0.49
2021	2538 N Granada St	2538 N GRANADA ST	1	Discovery	Williamsburg	Yorktown	0.49
2021	5133 37th St N	5133 37TH ST N	1	Discovery	Williamsburg	Yorktown	0.49
2021	4605 26th St N	4605 26TH ST N	1	Discovery	Williamsburg	Yorktown	0.49
2021	6125 Williamsburg Blvd	6125 WILLIAMSBURG BLVD	1	Discovery	Williamsburg	Yorktown	0.49
2021	6300 36th St N	6300 36TH ST N	1	Discovery	Williamsburg	Yorktown	0.49
2021	2613 N Harrison St	2613 N HARRISON ST	1	Discovery	Williamsburg	Yorktown	0.49
2021	5807 Williamsburg Blvd	5807 WILLIAMSBURG BLVD	1	Discovery	Williamsburg	Yorktown	0.49
2021	5337 26th St N	5337 26TH ST N	1	Discovery	Williamsburg	Yorktown	0.49
2021	3308 N George Mason Dr	3308 N GEORGE MASON DR	1	Discovery	Williamsburg	Yorktown	0.49
2021	5117 26th Rd N	5117 26TH RD N	1	Discovery	Williamsburg	Yorktown	0.49
2021	3577 N Powhatan St	3577 N POWHATAN ST	1	Discovery	Williamsburg	Yorktown	0.49
2021	3532 N Ohio St	3532 N OHIO ST	1	Discovery	Williamsburg	Yorktown	0.49
2021	6318 35th St N	6318 35TH ST N	1	Discovery	Williamsburg	Yorktown	0.49
2021	2014 S Langley St	2014 S LANGLEY ST	1	Dr. Charles R. Drew	Gunston	Wakefield	0.42
2021	3036 20th St S	3036 20TH ST S	1	Dr. Charles R. Drew	Gunston	Wakefield	0.42
2021	3121 24th St S	3121 24TH ST S	1	Dr. Charles R. Drew	Gunston	Wakefield	0.42
2021	24th Road Townhomes	2815 24TH RD S	7	Dr. Charles R. Drew	Gunston	Wakefield	1.31
2021	1719 S Garfield St (approved ADU)	1719 S GARFIELD ST	1	Dr. Charles R. Drew	Gunston	Wakefield	0.42
2021	3036 20th St S	3036 20TH ST S	10	Dr. Charles R. Drew	Gunston	Wakefield	1.87
2021	2135 S Oxford St	2135 S OXFORD ST	1	Dr. Charles R. Drew	Gunston	Wakefield	0.42
2021	1106 S Highland St	1106 S HIGHLAND ST	1	Dr. Charles R. Drew	Jefferson	Wakefield	0.43
2021	AXUMITE CONDO *	901 S HIGHLAND ST	35	Dr. Charles R. Drew	Jefferson	Wakefield	10.12
2021	1523 N Randolph St	1523 N RANDOLPH ST	1	Glebe	Dorothy Hamm	Washington-Liberty	0.46
2021	4424 17th St N	4424 17TH ST N	1	Glebe	Dorothy Hamm	Washington-Liberty	0.46
2021	4607 15th St N	4607 15TH ST N	1	Glebe	Dorothy Hamm	Washington-Liberty	0.46
2021	4432 17th St N	4432 17TH ST N	1	Glebe	Dorothy Hamm	Washington-Liberty	0.46
2021	4605 15th St N	4605 15TH ST N	1	Glebe	Dorothy Hamm	Washington-Liberty	0.46
2021	4315 15th St N	4315 15TH ST N	1	Glebe	Dorothy Hamm	Washington-Liberty	0.46
2021	1723 N Taylor St	1723 N TAYLOR ST	1	Glebe	Dorothy Hamm	Washington-Liberty	0.46
2021	1213 N Utah St	1213 N UTAH ST	1	Glebe	Dorothy Hamm	Washington-Liberty	0.46
2021	4315 15th St N (approved ADU)	4315 15TH ST N	1	Glebe	Dorothy Hamm	Washington-Liberty	0.46
2021	4611 15th St N (approved ADU)	4611 15TH ST N	1	Glebe	Dorothy Hamm	Washington-Liberty	0.46
2021	4534 15th St N	4534 15TH ST N	1	Glebe	Dorothy Hamm	Washington-Liberty	0.46
2021	4611 15th St N	4611 15TH ST N	1	Glebe	Dorothy Hamm	Washington-Liberty	0.46

* APS amended the Arlington County Government's 2021 Housing Forecast by updating the forecast year, housing/affordability type, or number of units. In addition, APS added projects to the housing forecast.

Attachment B (Continued): Fall 2021 Housing Unit Forecast and Projected Student Yield

Forecast Year	Development Name	Address	Net New Units	2022-23 School Year			Projected Student Estimate (K-12)
				Elementary	Middle	High	
2021	1212 N Stafford St	1212 N STAFFORD ST	1	Glebe	Dorothy Hamm	Washington-Liberty	0.46
2021	1209 N Utah St (approved ADU)	1209 N UTAH ST	1	Glebe	Dorothy Hamm	Washington-Liberty	0.46
2021	1328 N Stafford St	1328 N STAFFORD ST	1	Glebe	Dorothy Hamm	Washington-Liberty	0.46
2021	1515 N Abingdon St	1515 N ABINGDON ST	1	Glebe	Swanson	Washington-Liberty	0.47
2021	4816 16th Rd N	4816 16TH RD N	1	Glebe	Swanson	Washington-Liberty	0.47
2021	1703 N Edison St	1703 N EDISON ST	1	Glebe	Swanson	Yorktown	0.49
2021	1945 N Edison St (approved ADU)	1945 N EDISON ST	1	Glebe	Swanson	Yorktown	0.49
2021	1820 N Dinwiddie St	1820 N DINWIDDIE ST	1	Glebe	Swanson	Yorktown	0.49
2021	1816 N Dinwiddie St	1816 N DINWIDDIE ST	1	Glebe	Swanson	Yorktown	0.49
2021	2133 Patrick Henry Dr	2133 PATRICK HENRY DR	1	Glebe	Swanson	Yorktown	0.49
2021	4770 Lee Hwy	4770 LEE HWY	1	Glebe	Swanson	Yorktown	0.49
2021	1001 S Rolfe St	1001 S ROLFE ST	1	Hoffman-Boston	Jefferson	Washington-Liberty	0.47
2021	1102 S Queen St	1102 S QUEEN ST	1	Hoffman-Boston	Jefferson	Washington-Liberty	0.47
2021	1002 S Queen St	1002 S QUEEN ST	1	Hoffman-Boston	Jefferson	Washington-Liberty	0.47
2021	1550 13th St S	1550 13TH ST S	1	Hoffman-Boston	Jefferson	Washington-Liberty	0.47
2021	1624 12th St S	1624 12TH ST S	1	Hoffman-Boston	Jefferson	Washington-Liberty	0.47
2021	1711 N Barton St	1711 N BARTON ST	1	Innovation	Dorothy Hamm	Washington-Liberty	0.40
2021	2601 16th St N	2601 16TH ST N	1	Innovation	Dorothy Hamm	Washington-Liberty	0.40
2021	2423 16th St N	2423 16TH ST N	1	Innovation	Dorothy Hamm	Washington-Liberty	0.40
2021	N. Veitch Street Townhomes	1731 N VEITCH ST	7	Innovation	Dorothy Hamm	Yorktown	1.72
2021	4835 Little Falls Rd	4835 LITTLE FALLS RD	1	Jamestown	Williamsburg	Yorktown	0.47
2021	3443 N Venice St	3443 N VENICE ST	1	Jamestown	Williamsburg	Yorktown	0.47
2021	3839 Military Rd	3839 MILITARY RD	1	Jamestown	Williamsburg	Yorktown	0.47
2021	4734 34th St N	4734 34TH ST N	1	Jamestown	Williamsburg	Yorktown	0.47
2021	4133 33rd Rd N	4133 33RD RD N	1	Jamestown	Williamsburg	Yorktown	0.47
2021	407 Chain Bridge Rd	407 CHAIN BRIDGE RD	1	Jamestown	Williamsburg	Yorktown	0.47
2021	4152 39th St N	4152 39TH ST N	1	Jamestown	Williamsburg	Yorktown	0.47
2021	4935 34th Rd N	4935 34TH RD N	1	Jamestown	Williamsburg	Yorktown	0.47
2021	4421 33rd Rd N	4421 33RD RD N	1	Jamestown	Williamsburg	Yorktown	0.47
2021	3061 N Pollard St	3061 N POLLARD ST	1	Jamestown	Williamsburg	Yorktown	0.47
2021	4822 37th St N	4822 37TH ST N	1	Jamestown	Williamsburg	Yorktown	0.47
2021	4001 N Stafford St	4001 N STAFFORD ST	1	Jamestown	Williamsburg	Yorktown	0.47
2021	5031 34th Rd N	5031 34TH RD N	1	Jamestown	Williamsburg	Yorktown	0.47
2021	3882 30th St N	3882 30TH ST N	1	Jamestown	Williamsburg	Yorktown	0.47
2021	4701 37th St N	4701 37TH ST N	1	Jamestown	Williamsburg	Yorktown	0.47
2021	4501 32nd Rd N	4501 32ND RD N	1	Jamestown	Williamsburg	Yorktown	0.47
2021	3618 N Nelson St	3618 N NELSON ST	1	Jamestown	Williamsburg	Yorktown	0.47
2021	5059 36th St N	5059 36TH ST N	1	Jamestown	Williamsburg	Yorktown	0.47
2021	3400 N Vermont St	3400 N VERMONT ST	1	Jamestown	Williamsburg	Yorktown	0.47
2021	3433 N Albemarle St	3433 N ALBEMARLE ST	1	Jamestown	Williamsburg	Yorktown	0.47
2021	4156 39th St N	4156 39TH ST N	1	Jamestown	Williamsburg	Yorktown	0.47
2021	4155 39th St N	4155 39TH ST N	1	Jamestown	Williamsburg	Yorktown	0.47
2021	4322 N Old Glebe Rd	4322 N OLD GLEBE RD	1	Jamestown	Williamsburg	Yorktown	0.47
2021	4200 40th St N	4200 40TH ST N	1	Jamestown	Williamsburg	Yorktown	0.47
2021	4636 34th St N	4636 34TH ST N	1	Jamestown	Williamsburg	Yorktown	0.47
2021	3901 N Upland St	3901 N UPLAND ST	1	Jamestown	Williamsburg	Yorktown	0.47
2021	3703 N Randolph St	3703 N RANDOLPH ST	1	Jamestown	Williamsburg	Yorktown	0.47
2021	4151 39th St N	4151 39TH ST N	1	Jamestown	Williamsburg	Yorktown	0.47
2021	3822 30th Rd N	3822 30TH RD N	1	Jamestown	Williamsburg	Yorktown	0.47
2021	3406 N Vermont St	3406 N VERMONT ST	1	Jamestown	Williamsburg	Yorktown	0.47
2021	3619 N Vernon St	3619 N VERNON ST	1	Jamestown	Williamsburg	Yorktown	0.47
2021	4110 37th St N	4110 37TH ST N	1	Jamestown	Williamsburg	Yorktown	0.47
2021	5037 34th Rd N	5037 34TH RD N	1	Jamestown	Williamsburg	Yorktown	0.47
2021	3132 10th St N	3132 10TH ST N	1	Long Branch	Jefferson	Washington-Liberty	0.36
2021	424 N Lincoln St (approved ADU)	424 N LINCOLN ST	1	Long Branch	Jefferson	Washington-Liberty	0.36
2021	633 N Kenmore St (approved ADU)	633 N KENMORE ST	1	Long Branch	Jefferson	Washington-Liberty	0.36
2021	911 N Daniel St (approved ADU)	911 N DANIEL ST	1	Long Branch	Jefferson	Washington-Liberty	0.36
2021	431 N Kenmore St (approved ADU)	431 N KENMORE ST	1	Long Branch	Jefferson	Washington-Liberty	0.36
2021	707 N Barton St	707 N BARTON ST	1	Long Branch	Jefferson	Washington-Liberty	0.36
2021	600 N Jackson St	600 N JACKSON ST	1	Long Branch	Jefferson	Washington-Liberty	0.36
2021	508 N Highland St	508 N HIGHLAND ST	1	Long Branch	Jefferson	Washington-Liberty	0.36
2021	608 N Garfield St	608 N GARFIELD ST	1	Long Branch	Jefferson	Washington-Liberty	0.36
2021	722 N Garfield St	722 N GARFIELD ST	1	Long Branch	Jefferson	Washington-Liberty	0.36
2021	919 N Cleveland St	919 N CLEVELAND ST	1	Long Branch	Jefferson	Washington-Liberty	0.36
2021	132 N Fillmore St	132 N FILLMORE ST	1	Long Branch	Jefferson	Washington-Liberty	0.36
2021	721 N Kenmore St	721 N KENMORE ST	1	Long Branch	Jefferson	Washington-Liberty	0.36
2021	633 N Kenmore St	633 N KENMORE ST	1	Long Branch	Jefferson	Washington-Liberty	0.36
2021	262 N Barton St	262 N BARTON ST	1	Long Branch	Jefferson	Washington-Liberty	0.36
2021	2614 Washington Blvd	2614 WASHINGTON BLVD	1	Long Branch	Jefferson	Washington-Liberty	0.36
2021	705 N Barton St	705 N BARTON ST	1	Long Branch	Jefferson	Washington-Liberty	0.36
2021	707 N Barton St	707 N BARTON ST	1	Long Branch	Jefferson	Washington-Liberty	0.36
2021	5516 24th St N	5516 24TH ST N	1	Nottingham	Swanson	Yorktown	0.52
2021	5408 23rd St N	5408 23RD ST N	1	Nottingham	Swanson	Yorktown	0.52
2021	5429 22nd Rd N	5429 22ND RD N	1	Nottingham	Swanson	Yorktown	0.52
2021	3008 N Rochester St	3008 N ROCHESTER ST	1	Nottingham	Williamsburg	Yorktown	0.52
2021	2620 N Potomac St	2620 N POTOMAC ST	1	Nottingham	Williamsburg	Yorktown	0.52
2021	2939 John Marshall Dr	2939 JOHN MARSHALL DR	1	Nottingham	Williamsburg	Yorktown	0.52
2021	6717 31st St N	6717 31ST ST N	1	Nottingham	Williamsburg	Yorktown	0.52
2021	2449 N Jefferson St	2449 N JEFFERSON ST	1	Nottingham	Williamsburg	Yorktown	0.52
2021	3009 N Tacoma St	3009 N TACOMA ST	1	Nottingham	Williamsburg	Yorktown	0.52
2021	6606 31st St N	6606 31ST ST N	1	Nottingham	Williamsburg	Yorktown	0.52
2021	6830 30th Rd N	6830 30TH RD N	1	Nottingham	Williamsburg	Yorktown	0.52
2021	5401 27th St N	5401 27TH ST N	1	Nottingham	Williamsburg	Yorktown	0.52
2021	608 22nd St S	608 22ND ST S	1	Oakridge	Gunston	Wakefield	0.37

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Attachment B (Continued): Fall 2021 Housing Unit Forecast and Projected Student Yield

Forecast Year	Development Name	Address	Net New Units	2022-23 School Year			Projected Student Estimate (K-12)
				Elementary	Middle	High	
2021	926 28th St S	926 28TH ST S	1	Oakridge	Gunston	Wakefield	0.37
2021	2614 S Ives St	2614 S IVES ST	1	Oakridge	Gunston	Wakefield	0.37
2021	1106 18th St S	1106 18TH ST S	1	Oakridge	Gunston	Wakefield	0.37
2021	924 28th St S	924 28TH ST S	1	Oakridge	Gunston	Wakefield	0.37
2021	922 16th St S	922 16TH ST S	1	Oakridge	Gunston	Wakefield	0.37
2021	620 21st St S	620 21ST ST S	1	Oakridge	Gunston	Wakefield	0.37
2021	818 19th St S (approved ADU)	818 19TH ST S	1	Oakridge	Gunston	Wakefield	0.37
2021	513 25th St S (approved ADU)	513 25TH ST S	1	Oakridge	Gunston	Wakefield	0.37
2021	1030 21st St S (approved ADU)	1030 21ST ST S	1	Oakridge	Gunston	Wakefield	0.37
2021	3507 16th St S	3507 16TH ST S	1	Randolph	Jefferson	Wakefield	0.42
2021	1701 S Pollard St	1701 S POLLARD ST	1	Randolph	Jefferson	Wakefield	0.42
2021	3815 13th St S (approved ADU)	3815 13TH ST S	1	Randolph	Jefferson	Wakefield	0.42
2021	1010 S Taylor Ct	1010 S TAYLOR CT	17	Randolph	Jefferson	Wakefield	3.16
2021	1812 S Nelson St	1812 S NELSON ST	1	Randolph	Jefferson	Wakefield	0.42
2021	2314 N Kenmore St	2314 N KENMORE ST	1	Taylor	Dorothy Hamm	Washington-Liberty	0.44
2021	2211 Military Rd	2211 MILITARY RD	1	Taylor	Dorothy Hamm	Washington-Liberty	0.44
2021	4010 20th St N	4010 20TH ST N	1	Taylor	Dorothy Hamm	Washington-Liberty	0.44
2021	2264 N Upton St	2264 N UPTON ST	1	Taylor	Dorothy Hamm	Yorktown	0.46
2021	2525 24th St N (approved ADU)	2525 24TH ST N	1	Taylor	Dorothy Hamm	Yorktown	0.46
2021	2540 N Ridgeview Rd	2540 N RIDGEVIEW RD	1	Taylor	Dorothy Hamm	Yorktown	0.46
2021	4011 Vacation Ln	4011 VACATION LN	1	Taylor	Dorothy Hamm	Yorktown	0.46
2021	4020 25th St N	4020 25TH ST N	1	Taylor	Dorothy Hamm	Yorktown	0.46
2021	4009 25th St N	4009 25TH ST N	1	Taylor	Dorothy Hamm	Yorktown	0.46
2021	3050 Military Rd	3050 MILITARY RD	1	Taylor	Dorothy Hamm	Yorktown	0.46
2021	2437 N Utah St	2437 N UTAH ST	1	Taylor	Dorothy Hamm	Yorktown	0.46
2021	2776 N Quebec St	2776 N QUEBEC ST	1	Taylor	Dorothy Hamm	Yorktown	0.46
2021	2628 N Upland St	2628 N UPLAND ST	1	Taylor	Dorothy Hamm	Yorktown	0.46
2021	2319 N Stafford St	2319 N STAFFORD ST	1	Taylor	Dorothy Hamm	Yorktown	0.46
2021	2762 N Quebec St	2762 N QUEBEC ST	1	Taylor	Dorothy Hamm	Yorktown	0.46
2021	2260 N Upton St	2260 N UPTON ST	1	Taylor	Dorothy Hamm	Yorktown	0.46
2021	2100 N Quintana St	2100 N QUINTANA ST	1	Tuckahoe	Swanson	Yorktown	0.49
2021	2310 N Potomac St	2310 N POTOMAC ST	1	Tuckahoe	Swanson	Yorktown	0.49
2021	2311 N Potomac St	2311 N POTOMAC ST	1	Tuckahoe	Swanson	Yorktown	0.49
2021	1623 N Roosevelt St	1623 N ROOSEVELT ST	1	Tuckahoe	Swanson	Yorktown	0.49
2021	2314 N Potomac St	2314 N POTOMAC ST	1	Tuckahoe	Swanson	Yorktown	0.49
2021	2318 N Potomac St	2318 N POTOMAC ST	1	Tuckahoe	Swanson	Yorktown	0.49
2021	2315 N Potomac St	2315 N POTOMAC ST	1	Tuckahoe	Swanson	Yorktown	0.49
2021	2307 N Tuckahoe St	2307 N TUCKAHOE ST	1	Tuckahoe	Williamsburg	Yorktown	0.49
2021	6711 Lee Highway (Sun Trust Site)	6711 LEE HWY	27	Tuckahoe	Williamsburg	Yorktown	7.18
2021	1916 N Underwood St	1916 N UNDERWOOD ST	1	Tuckahoe	Williamsburg	Yorktown	0.49
2021	1816 N Tuckahoe St	1816 N TUCKAHOE ST	1	Tuckahoe	Williamsburg	Yorktown	0.49
2021	1915 N Van Buren St	1915 N VAN BUREN ST	1	Tuckahoe	Williamsburg	Yorktown	0.49
2021	6610 25th St N	6610 25TH ST N	1	Tuckahoe	Williamsburg	Yorktown	0.49
2021	6412 27th St N	6412 27TH ST N	1	Tuckahoe	Williamsburg	Yorktown	0.49
2021	6565 Lee Hwy	6565 LEE HWY	1	Tuckahoe	Williamsburg	Yorktown	0.49
2021	1915 N Van Buren St (approved ADU)	1915 N VAN BUREN ST	1	Tuckahoe	Williamsburg	Yorktown	0.49
2021	1908 N Underwood St (approved ADU)	1908 N UNDERWOOD ST	1	Tuckahoe	Williamsburg	Yorktown	0.49
2022	Terwilliger Place (American Legion/APAH) *	3445 WASHINGTON BLVD	160	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	84.96
2022	Three Dwellings	869 N BURLINGTON ST	2	Ashlawn	Swanson	Washington-Liberty	0.28
2022	Single Family to two dwelling	869 N BURLINGTON ST	0	Ashlawn	Swanson	Washington-Liberty	0.00
2022	The Candence (Red Cross/Trenton St. Residential) *	4333 ARLINGTON BLVD	97	Barrett	Swanson	Washington-Liberty	62.47
2022	Red Cross/Trenton St. Residential	31 N TRENTON ST	19	Barrett	Swanson	Washington-Liberty	4.24
2022	Whitefield Commons (addition) *	22, 102, 106, 204 N Thomas St	5	Barrett	Swanson	Washington-Liberty	3.22
2022	CHRISTOPHER AT THE TOWNES	2807 24th RD S	8	Dr. Charles R. Drew	Gunston	Wakefield	1.50
2022	1201 N Quinn St	1201 N QUINN ST	12	Innovation	Dorothy Hamm	Yorktown	1.19
2022	The Highlands	1555 WILSON BLVD	884	Innovation	Dorothy Hamm	Yorktown	30.94
2022	2000 Clarendon Blvd	2000 CLARENDON BLVD	90	Innovation	Dorothy Hamm	Yorktown	3.15
2022	6711 Lee Highway (Sun Trust Site)	6711 LEE HWY	27	Tuckahoe	Williamsburg	Yorktown	7.18
2023	Clarendon West Site #1 - Building 1	3251 WASHINGTON BLVD	251	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	9.79
2023	Washington Kirkwood	1122 KIRKWOOD RD	255	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	24.74
2023	1200 N Courthouse Rd	1200 N COURTHOUSE RD	180	Arlington Science Focus	Dorothy Hamm	Yorktown	7.02
2023	Vernon St Duplex	3036 20TH ST S	10	Dr. Charles R. Drew	Gunston	Wakefield	1.87
2023	1201 N VERNON ST	1201 N VERNON ST	1	Glebe	Dorothy Hamm	Washington-Liberty	0.28
2023	Crystal City Verizon	400 11TH ST S	306	Hoffman-Boston	Gunston	Wakefield	24.79
2023	1900 Crystal Drive - CAF UNITS at Riverhouse	1111 ARMY NAVY DR	25	Hoffman-Boston	Gunston	Wakefield	13.00
2023	CAF UNITS Associated Crystal Plaza 1	1111 ARMY NAVY DR	3	Hoffman-Boston	Gunston	Wakefield	1.56
2023	The Witmer: Pentagon Centre PDSP-4 cAF units	710 12th ST S	4	Hoffman-Boston	Gunston	Wakefield	2.08
2023	Arlington View Terrace East *	1420 S ROLFE ST	47	Hoffman-Boston	Jefferson	Washington-Liberty	25.33
2023	N. Veitch Street Townhomes	1731 N VEITCH ST	6	Innovation	Dorothy Hamm	Yorktown	1.47
2023	1900 Crystal Drive - South Building	1900 CRYSTAL DRIVE	472	Oakridge	Gunston	Wakefield	27.38
2024	Westmont Shopping Center	3233 COLUMBIA PIKE	250	Alice W. Fleet	Jefferson	Wakefield	33.00
2024	11th and Vermont Residences South Block -Garden	1031 N VERMONT ST	98	Ashlawn	Swanson	Washington-Liberty	11.86
2024	11th and Vermont Residences North Block	1031 N VERMONT ST	10	Ashlawn	Swanson	Washington-Liberty	1.39
2024	Ballston Station *	4201 FAIRFAX DR	144	Ashlawn	Swanson	Washington-Liberty	88.70
2024	Harris Teeter and American Service Center Phase 1	600 N GLEBE RD	505	Barrett	Swanson	Washington-Liberty	19.19
2024	CAF UNITS Associated Crystal Plaza 1	1111 ARMY NAVY DR	4	Hoffman-Boston	Gunston	Wakefield	2.08
2024	Best Western	1501 ARLINGTON BLVD	48	Innovation	Dorothy Hamm	Yorktown	6.29
2024	Holiday Inn	1900 FORT MYER DR	490	Innovation	Dorothy Hamm	Yorktown	17.15
2024	Potomac Yard Land Bay C East *	2901 Crystal Drive	491	Oakridge	Gunston	Wakefield	45.17
2024	Crystal Houses 3	1900 S EADS ST	432	Oakridge	Gunston	Wakefield	39.74
2025	TBD	2599 COLUMBIA PIKE	200	Alice W. Fleet	Jefferson	Wakefield	26.40
2025	The Commodore (Landmark Block)	2055 15th ST N	423	Arlington Science Focus	Dorothy Hamm	Yorktown	36.80
2025		GLEBE ad 23RD ST S	22	Dr. Charles R. Drew	Gunston	Wakefield	4.11
2025		3412 22nd ST S	83	Dr. Charles R. Drew	Gunston	Wakefield	15.52

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Attachment B (Continued): Fall 2021 Housing Unit Forecast and Estimated K-12 Students

Forecast Year	Development Name	Address	Net New Units	2022-23 School Year			Projected Student Estimate (K-12)
				Elementary	Middle	High	
2025	1900 Crystal Drive - North Building	1900 CRYSTAL DRIVE	339	Oakridge	Gunston	Wakefield	19.66
2025	Crystal Houses 6	1900 S EADS ST	63	Oakridge	Gunston	Wakefield	5.80
2025	2515 Lee Hwy	2515 LEE HWY	22	Taylor	Dorothy Hamm	Washington-Liberty	3.52
2025	Key Bridge Marriot	1401 LEE HWY	451	Taylor	Dorothy Hamm	Yorktown	17.59
2025		6505 WASHINGTON BLVD	2	Tuckahoe	Williamsburg	Yorktown	0.53
2025		Washington BLVD - East Falls C	25	Tuckahoe	Williamsburg	Yorktown	6.65
2026	Harris Teeter and American Service Center Phase 2	600 N GLEBE RD	227	Barrett	Swanson	Washington-Liberty	8.63
2026	Columbia Pike Plan	5017 COLUMBIA PIKE	447	Carlin Springs	Kenmore	Washington-Liberty	38.89
2026	4601-4607 Old Dominion Dr	4601 OLD DOMINION DR	12	Discovery	Williamsburg	Yorktown	3.00
2026		2415 SHIRLINGTON RD	39	Dr. Charles R. Drew	Gunston	Wakefield	7.29
2026	Green Valley	2427 SHIRLINGTON RD	19	Dr. Charles R. Drew	Gunston	Wakefield	2.05
2026	Ames Building - south tower	1820 FORT MYER DR	404	Innovation	Dorothy Hamm	Yorktown	52.92
2026	Crystal Plaza 1 - West Building	2001 S CLARK ST	338	Oakridge	Gunston	Wakefield	19.60
2026	Crystal Houses 4	1900 S EADS ST	222	Oakridge	Gunston	Wakefield	20.42
2026	Honeysuckle Hills URD	6122 LEE HIGHWAY	2	Tuckahoe	Swanson	Yorktown	0.98
2027	YMCA Site	3422 13th ST N	193	Arlington Science Focus	Dorothy Hamm	Washington-Liberty	7.53
2027	The Spire	4420 FAIRFAX DR	237	Ashlawn	Swanson	Washington-Liberty	7.58
2027	COLUMBIA PIKE	871 S GREENBRIER ST	292	Carlin Springs	Kenmore	Washington-Liberty	25.40
2027	Pentagon Centre PDSP & Final Site Plan - Phase IA	1200 S FERN ST	253	Hoffman-Boston	Gunston	Wakefield	20.49
2027	Crystal Plaza 1 - East Building	2001 S CLARK ST	420	Oakridge	Gunston	Wakefield	24.36
2027	Crystal Houses 7	1900 S EADS ST	7	Oakridge	Gunston	Wakefield	0.64
2028	Clarendon Joyce Motors block	3201 10th ST N	89	Arlington Science Focus	Jefferson	Washington-Liberty	4.98
2028	Clarendon Joyce Motors block	3201 10th ST N	36	Arlington Science Focus	Jefferson	Washington-Liberty	2.02
2028	NAUCK	2323 SHIRLINGTON RD	27	Dr. Charles R. Drew	Gunston	Wakefield	10.88
2028	Wakefield Manor	2025 FAIRFAX DR	188	Innovation	Dorothy Hamm	Yorktown	24.63
2028	Ames Building - north tower	1820 FORT MYER DR	366	Innovation	Dorothy Hamm	Yorktown	47.95
2028	Crystal City U2	CRYSTAL DRIVE	727	Oakridge	Gunston	Wakefield	42.17
2028	Crystal Houses 8	1900 S EADS ST	14	Oakridge	Gunston	Wakefield	1.29
2029	1401 Wilson Blvd - Phase 1 (Residential)	1401 WILSON BLVD	274	Innovation	Dorothy Hamm	Yorktown	9.59
2029	RCA Building	1901 N MOORE ST	423	Innovation	Dorothy Hamm	Yorktown	55.41
2029	North Quincy Street Plan	501 N RANDOLPH ST	99	Long Branch	Jefferson	Washington-Liberty	4.36
2029	Crystal Houses 5	22nd ST S and S EADS ST	81	Oakridge	Gunston	Wakefield	4.70
2029	East falls church - Metro Parcel	EAST FALL CHURCH METRORAI	527	Tuckahoe	Williamsburg ***	Yorktown	30.04
2030	Wells Fargo Bonus Density	3140 WASHINGTON BLVD	148	Arlington Science Focus	Jefferson	Washington-Liberty	8.29
2030	Wells Fargo Clarendon	3140 WASHINGTON BLVD	32	Arlington Science Focus	Jefferson	Washington-Liberty	1.79
2030	Clarendon Sector Plan	3205 FAIRFAX DR	291	Arlington Science Focus	Swanson	Washington-Liberty	10.77
2030	Washington Blvd Frontage	1141 N STUART ST	14	Ashlawn	Swanson	Washington-Liberty	1.69
2030	BALLSTON 8	4233 FAIRFAX DR	70	Ashlawn	Swanson	Washington-Liberty	2.24
2030		4241 COLUMBIA PIKE	36	Barcroft	Kenmore	Wakefield	3.64
2030	COLUMBIA PIKE	4801 COLUMBIA PIKE	70	Barcroft	Kenmore	Wakefield	42.28
2030	NAUCK	2428 SHIRLINGTON RD	38	Dr. Charles R. Drew	Gunston	Wakefield	15.31
2030	2400 Columbia Pike	2406 COLUMBIA PIKE	105	Dr. Charles R. Drew	Jefferson	Wakefield	13.02
2030	Fort Myer Heights North	1601 FAIRFAX DR	59	Innovation	Dorothy Hamm	Yorktown	2.07
2030	Cherrydale Plan	2113 N QUEBEC ST	83	Taylor	Dorothy Hamm	Washington-Liberty	3.24
2031		1104 N RANDOLPH ST	6	Arlington Science Focus	Swanson	Washington-Liberty	1.22
2031	TBD	4017 11th ST N	11	Arlington Science Focus	Swanson	Washington-Liberty	2.24
2031	TBD	4211 COLUMBIA PIKE	250	Barcroft	Jefferson	Wakefield	21.00
2031	Rosslyn Plaza PDSP	1001 WILSON BLVD	300	Innovation	Dorothy Hamm	Yorktown	10.50
2031	Williamsburg Apst	1501 N PIERCE ST	14	Innovation	Dorothy Hamm	Yorktown	0.49
2031	Crystal City	223 23rd ST S	500	Oakridge	Gunston	Wakefield	29.00
2031	Crystal City	223 23rd ST S	103	Oakridge	Gunston	Wakefield	5.97
2031	Cherrydale	3713 LEE HWY	181	Taylor	Dorothy Hamm	Washington-Liberty	7.06
2031	East Falls Church	6730 LEE HWY	111	Tuckahoe	Williamsburg ***	Yorktown	6.33

* APS amended the Arlington County Government's 2021 Housing Forecast by updating the forecast year, housing/affordability type, or number of units. In addition, APS added projects to the housing forecast.

Attachment C - Fall 2021 Student Generation Rates

Fall 2021 Student Generation Rates
by School Attendance Zone and Housing Type

Elementary School Level (K-5) ¹	Single Family Detached	Townhome	Duplex	Multi-family Elevator			Multi-family Garden			Condo		Total by School
				Market Rate	Mixed Income	CAF Only ²	Market Rate	Mixed Income	CAF Only	Elevator	Garden	
Abingdon Elementary School	0.296	0.077	0.106	0.113	0.073	-	0.029	-	0.353	0.034	0.084	0.125
Alice West Fleet Elementary School	0.230	0.149	0.161	0.086	-	0.249	0.090	-	0.068	0.060	0.035	0.132
Arlington Science Focus Elementary	0.174	0.125	0.021	0.020	0.024	-	0.013	-	0.245	0.018	0.014	0.040
Ashlawn Elementary School	0.204	0.060	0.091	0.015	0.020	0.211	0.020	-	0.436	0.005	0.024	0.089
Barcroft Elementary School	0.186	0.128	-	0.038	-	0.443	0.337	-	0.396	0.069	0.090	0.163
Barrett Elementary School	0.195	0.144	-	0.021	0.148	-	0.104	0.292	0.336	0.012	0.029	0.140
Cardinal Elementary School	0.235	0.228	0.091	-	-	-	0.044	-	0.190	-	-	0.210
Carlin Springs Elementary School	0.135	0.078	0.296	-	0.253	0.278	0.363	-	0.424	0.136	0.101	0.231
Discovery Elementary School	0.217	0.143	-	-	-	-	-	-	-	-	-	0.213
Dr. Charles R. Drew Elementary School	0.218	0.092	0.180	0.078	0.047	0.222	0.270	-	0.378	0.194	0.037	0.121
Glebe Elementary School	0.217	0.119	0.131	0.123	-	-	0.109	-	0.357	0.049	0.046	0.169
Hoffman-Boston Elementary School	0.166	0.110	0.120	0.026	0.044	-	0.111	-	0.255	0.019	0.066	0.041
Innovation Elementary School	0.158	0.135	0.067	0.016	0.068	0.181	0.032	-	0.176	0.019	0.020	0.041
Jamestown Elementary School	0.191	0.082	-	-	-	-	-	-	-	-	-	0.188
Long Branch Elementary School	0.138	0.035	0.038	0.008	0.029	0.259	0.060	0.096	0.109	0.030	0.020	0.079
Nottingham Elementary School	0.241	0.106	-	-	-	-	0.205	-	-	-	0.108	0.234
Oakridge Elementary School	0.162	0.099	0.112	0.028	-	0.250	0.094	0.084	0.376	0.016	0.038	0.080
Randolph Elementary School	0.207	0.083	0.200	0.031	-	-	0.189	0.256	0.458	-	-	0.189
Taylor Elementary School	0.193	0.080	0.154	0.020	0.020	-	0.066	-	0.227	0.023	0.022	0.111
Tuckahoe Elementary School	0.214	0.174	0.171	-	0.023	-	0.121	-	-	0.039	0.077	0.175
Total	0.203	0.110	0.147	0.034	0.055	0.256	0.116	0.148	0.291	0.026	0.058	0.102

Middle School Level (6-8) ¹	Single Family Detached	Townhome	Duplex	Multi-family Elevator			Multi-family Garden			Condo		Total by School
				Market Rate	Mixed Income	CAF Only ²	Market Rate	Mixed Income	CAF Only	Elevator	Garden	
Dorothy Hamm Middle School	0.109	0.055	0.027	0.009	0.033	0.092	0.024	-	0.110	0.007	0.007	0.033
Gunston Middle School	0.076	0.039	0.067	0.010	0.016	0.120	0.043	0.048	0.187	0.005	0.026	0.028
Jefferson Middle School	0.085	0.047	0.062	0.026	0.030	0.100	0.048	0.064	0.105	0.028	0.021	0.054
Kenmore Middle School	0.110	0.051	0.151	0.043	0.087	0.166	0.177	-	0.177	0.040	0.053	0.097
Swanson Middle School	0.116	0.028	0.041	0.007	0.014	0.222	0.031	0.151	0.117	0.005	0.018	0.048
Williamsburg Middle School	0.117	0.037	0.077	-	0.028	-	0.091	-	-	0.031	0.013	0.107
Total	0.106	0.042	0.073	0.013	0.025	0.129	0.052	0.077	0.141	0.011	0.023	0.049

High School Level (9-12) ¹	Single Family Detached	Townhome	Duplex	Multi-family Elevator			Multi-family Garden			Condo		Total by School
				Market Rate	Mixed Income	CAF Only ²	Market Rate	Mixed Income	CAF Only	Elevator	Garden	
Wakefield High School	0.128	0.056	0.110	0.020	0.021	0.144	0.090	0.077	0.228	0.018	0.036	0.056
Washington-Liberty High School	0.133	0.051	0.121	0.010	0.040	0.183	0.070	0.142	0.191	0.015	0.038	0.064
Yorktown High School	0.158	0.055	0.041	0.010	0.030	0.106	0.043	-	0.153	0.009	0.013	0.080
Total	0.144	0.054	0.107	0.015	0.030	0.146	0.074	0.106	0.190	0.013	0.032	0.065

K-12	Single Family Detached	Townhome	Duplex	Multi-family Elevator			Multi-family Garden			Condo		Total by School
				Market Rate	Mixed Income	CAF Only ²	Market Rate	Mixed Income	CAF Only	Elevator	Garden	
Total	0.452	0.206	0.326	0.062	0.110	0.532	0.242	0.331	0.622	0.050	0.113	0.216

2020 Master Housing Unit Database (MHUD) housing by type shares ²	23.92%	3.64%	2.19%	24.37%	10.01%	1.03%	8.14%	1.72%	3.10%	12.24%	9.64%	100.00%
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¹ Rates reflect the 2021-22 school year attendance zones. Rates will be updated to reflect the 2022-23 school year attendance zones in Fall 2022.

² 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, 2021 APS Enrollments (Grades K-12) and July 1, 2021 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 <p>www.apsva.us/wp-content/uploads/2019/02/Fall-2019-28-APS-Enrollment-Report_v12_.pdf</p> <ul style="list-style-type: none"> • 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 - Projections Accuracy

School Year	Projected K-12 (One Year Before)	Actual K-12 (Sept. 30)	Difference Actual vs. Projected	Actual vs. Projected
2014-15	22,942	23,421	479	102.1%
2015-16	24,413	24,152	-261	98.9%
2016-17	25,116	25,023	-93	99.6%
2017-18	25,915	25,800	-115	99.6%
2018-19	26,719	26,389	-330	98.8%
2019-20	27,148	26,906	-242	99.1%
2020-21 *	27,878	26,051	-1,827	93.4%
2021-22 *	28,375	25,989	-2,386	91.6%

* Covid-19

