

2021-2022 School Enrollment Projections

Voorheesville Central School District



Capital District Regional Planning Commission

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About the Capital District Regional Planning Commission

Our Mission

The Capital District Regional Planning Commission (CDRPC) is a regional planning and resource center serving Albany, Rensselaer, Saratoga, and Schenectady counties. CDRPC provides an objective analysis of data, trends, opportunities, and challenges relevant to the Region's economic development and planning communities. CDRPC serves the best interests of the public and private sectors by promoting intergovernmental cooperation; communicating, collaborating, and facilitating regional initiatives; and sharing information, and fostering dialogues on solutions to regional challenges.

Our History

CDRPC was established as a regional planning board in 1967 by a cooperative agreement among the counties of Albany, Rensselaer, Saratoga, and Schenectady. Its original purpose was to perform and support comprehensive planning work, including surveys, planning services, technical services, and the formulation of plans and policies to promote sound and coordinated development of the entire Region. Over time, the mission of the Planning Commission evolved in response to changes in the Region's needs, funding sources, organizational structure, and information technology. While continuing to provide a wide variety of comprehensive planning services, CDRPC has also assumed the functions of Data and Information Center, Economic Development District, Foreign-Trade Zone Administrator, Clean Energy Communities Program Coordinator, and Water Quality Manager.

COVID-19 Note

While the COVID-19 pandemic is still affecting people across the country, the emergence of vaccines and other mitigating factors has allowed school districts to mostly return to normal in-person classes. While some parents may still choose to hold their children out of school, most students have likely returned to the district and are attending in-person classes. While COVID may not have a significant effect on projections moving forward, the potential of the pandemic affecting births in 2020 and 2021 is possible and may cause smaller than average birth classes in those years.



Executive Summary

In 2020, the Voorheesville Central School District authorized the Capital District Regional Planning Commission (CDRPC) to prepare district-wide school enrollment projections for the 2021-22 school year. This report is for the 2021-22 school year and includes the five-year projections through the 2026-27 school years.

The report looks at key indicators such as 20-year enrollment trends, birth rates, residential housing activity, and more, as a basis for developing the enrollment projections. Some of the key findings of the report are as follows:

- Based on recent and planned housing development, there is potential to add between 290 and 317 new students into the District over the next 10+ years.
- From the 20-year peak in enrollment in the 2002-03 (1,292) school year, the 2021-22 total enrollment had declined **by 6.11% or 79 students to 1,213.**
- [Kindergarten enrollment](#), a key indicator, has been trending slightly upwards since 2001-02. Kindergarten saw its 20-year enrollment high of 110 in 2016-17. **In 2021-22, enrollment came in at 84 students, 13 more students than projected.**
- This year's Kindergarten enrollment generated a survival ratio of 1.8667, higher than the average ratio of the past 18 years. The District has consistently seen birth-to-kindergarten survival ratios above 1.0, a good sign for future enrollment.
- The three age cohorts have seen stability over the past 20 years, with K-5 seeing enrollment increases over the past few years. Since 2015-16, the K-5 cohort has been steadily increasing which will result in higher enrollment in the upper cohorts over the next decade and a good sign for increasing enrollment.
- Enrollment in the K-5 and 9-12 grade cohorts increased since last year, with the largest increase coming in the 9-12 cohort. After hitting a 20-year low of 324 last year, the 9-12 cohort increased to 361 in 2021-22. Enrollment in the 6-8 cohort was the only cohort that saw a decrease since last year.
- The market for existing homes has been getting stronger since 2014. 2021 is projected to be the hottest year for existing home sales in the District yet, with projected highs in Median Sales Price, Days on Market, and Units Sold.
- New home construction over the past few years in the District has the potential to add more school-age children over the next decade.
- The average number of births per year has been declining since 2002 and does not project to have increased significantly in 2020 or 2021. There are concerns that, due to the pandemic, birth classes in 2020 and 2021 will be smaller than average.
- Projected enrollment in grades K-5 is projected to remain stable through 2026-27. At the end of the projection period **enrollment is projected to be 598.**
- [Total enrollment is projected](#) to increase to 1,296 through 2026-27, a 6.84% or 83 student increase from 2021-22.

Demographic Multipliers

CDRPC will be providing an update to the Demographic Multiplier analysis it performed for the District last year. CDRPC has worked with local planning departments as well as using building permit data to apply demographic multipliers to recently constructed, approved, and planned units to determine the potential effect on enrollment these units could have over the next few years.

Demographic multipliers are common tools used to determine what the likely effect of development will be on a surrounding area. For the case of this study, we will be utilizing two separate residential multipliers. A residential multiplier “is an average ratio of demographic measures per occupied housing unit or per household” (Econsult Solutions, 2017). The residential multipliers break down how many people typically live-in a given housing type and, in our case, provide a multiplier for the number of school-age children those units typically produce. We have selected multipliers from two different studies; [*Who Moves into New York Housing?*](#) by Econsult Solutions in 2017 and [*Who Lives in New Jersey Housing*](#) by Rutgers University in 2006.

Both multipliers were produced by utilizing Decennial Census or PUMS data to generate averages for various household types and sizes and the number of people who occupied them and the school-age children they produced.

Table 1a & 1b: Demographic Multipliers for Recent and Projected Development

Since last year’s report, CDRPC received a significant update on Guilderland’s Albany Country Club project. The Albany County Club is currently undergoing a rezone request for a portion of their property to be able to construct residential housing units. Last year, the project was planned to have 258 units, 76 are planned single-family units, 134 units for Duplex units, and 48 total multi-family units. Now, the project proposal has been updated to 196 single-family units and 49 apartment units. While this project has not yet been approved and the final number of units has not been cemented, this could be a huge project with potential enrollment impacts for the District. The Guilderland Planning Department confirmed there has been other development in the town in recent years, but nothing that would significantly impact enrollment.

We did not receive any significant updates from the Town of New Scotland, so our estimates for those units will stay the same as last year’s. Since January 1st of 2020, the Town of New Scotland has had 25 building permits approved for single-family units in the District’s portion of the town. The Town also has multiple projects that have already begun construction over the past few years. In total, 111 total units have been completed out of 255 planned units. As of the time we communicated with the New Scotland Planning Department, no new major subdivisions are pending approval, nor do they anticipate any will be approved before 2022. In total, there are approximately 280 single-family units that have been planned or already constructed in the past few years in the Town of New Scotland.

Like New Scotland, we did not receive any significant updates for the Village of Voorheesville, so we will keep the number of units the same. The Village of Voorheesville has also seen consistent development over the past few years. Since 2017 and through the current year, there have been 12 completed home construction projects and one that is currently underway. All these units have been for single-family homes.

For our Demographic Multiplier analysis, we will assume that the District has approximately 489 total single-family units recently constructed or planned and 49 multi-family units.

Who Moves Into New York Housing? (2015)

	Single-Family Units	2-4 Unit	5+ Units	Single-Family Units	2-4 Unit	5+ Units
Town of Guilderland	196	0	49			
Town of New Scotland	280	0	0	0.622	0.466	0.261
Village of Voorheesville	13	0	0			
Total	489	0	49	304.158	0	12.789

Who Moves Into New Jersey Housing? (2006)

	Single-Family Units	2-4 Unit	5+ Units	Single-Family Units	Multi-Family Units
Town of Guilderland	196	0	49		
Town of New Scotland	280	0	0	0.58	0.13
Village of Voorheesville	13	0	0		
Total	489	0	49	283.62	6.37

By utilizing both the New York and New Jersey demographic multipliers, we can determine both a high-end and low-end range of potential enrollment increases that could be seen in the District over the next few years. The New York multipliers provided an estimate of .622 School Age Children produced for every single-family residential unit regardless of size. With 489 total single-family units recently constructed or planned, including the possible Albany Country Club project, the multiplier projects approximately 304 new school-age children in the future. The 5+ unit multiplier of .261 project an additional 13 school-age students for a total of 317 school-age students could potentially be added to the District over the next decade.

The New Jersey demographic multipliers grouped the 2-unit homes into the overall multi-family unit multiplier, resulting in just two multipliers to apply. The single-family multiplier projects that each single-family unit will produce .58 school-age children and the multi-family multiplier projects that each unit will produce .13 students. Applying the single-family multiplier to the total number of units estimates approximately 284 new school-age students and applying the multi-family multiplier estimates approximately 6 new school-age children. Combined, the New Jersey multipliers estimate approximately 290 total new school-age children in the District over the next decade.

With both multipliers providing a high-end and low-end range of potential new school-age children, we can estimate new students would be somewhere between 290 and 317 total new students. While we do not know for sure that these units will produce children along these lines, any significant increases in enrollment would likely fall somewhere in this range.

These estimates will not be included in the following projections for two reasons. The first reason is that these student increases are just potential estimates based on available data. We do not know for certain if any of these units will end up producing any school-age children at all. The second reason is that if these units do produce school-age children, it will likely not be during the five years these projections cover. Many of these units have not been completed and in the case of the Guilderland project, have yet to be approved. Any school-age children produced by these units will likely come in 10+ years.

Introduction

The Voorheesville Central School District (the District) authorized the Capital District Regional Planning Commission (CDRPC) to prepare district-wide school enrollment projections for the 2021-22 school year. This report contains school district enrollment projections for the 2022-23 through 2026-27 school years.

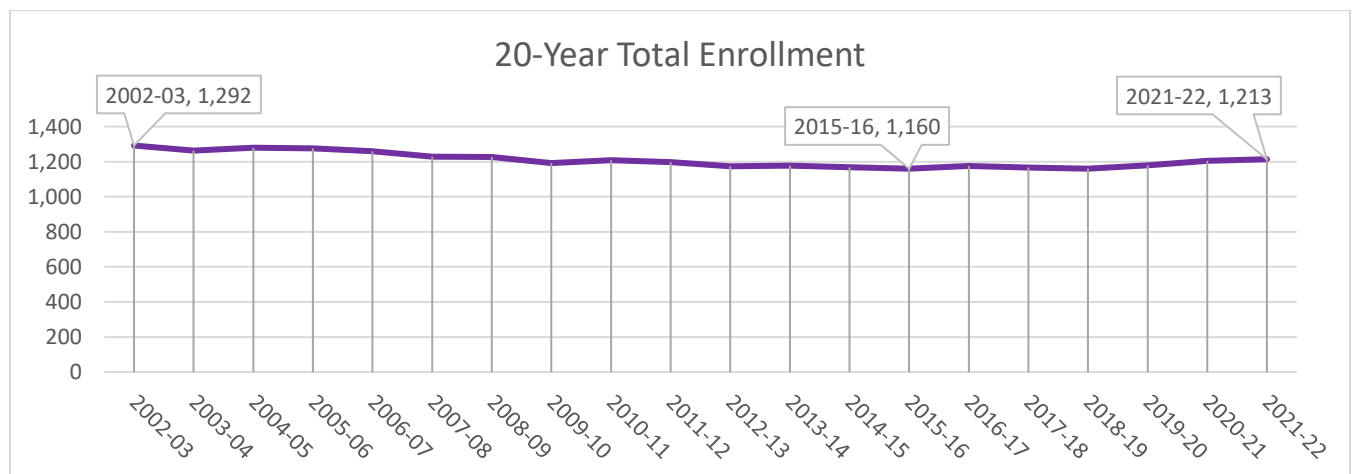
Along with the projection analysis, CDRPC has updated the demographic multiplier analysis the District asked us to perform last year. The analysis looked at recently constructed and planned residential units in the District to estimate potential enrollment increases in the coming years. This analysis can be found in the previous section.

The following is a description of the data, assumptions, activities, and trends that may influence the number of students enrolled in the Voorheesville Central School District, as well as future enrollment projections. A variety of data sets were evaluated leading to the preparation of a final set of projections and include the following:

- Historical enrollment trends;
- District grade-to-grade survival multipliers calculated from enrollment data in 5-, 10-, and 20-year increments;
- Annual school district birth data since 2002;
- District-wide housing data including total count, and types of homes;
- Residential building permit issuances from the primary overlapping municipalities;
- Annual existing home sales since 2014;
- Anticipated new residential building activity in the District;

The historical enrollment trends examine the patterns and trends in enrollment over the previous 20 years and inform how enrollment fluctuates year-to-year over a generation of students. This report also examines patterns and trends for individual grades and total enrollment is examined alongside those of the three grade cohorts: K-5, 6-8, and 9-12. Chart 1 examines where the District has been over the past 20 years, where it is today, and provides the foundation from which enrollment projections are based.

Chart 1. 20-Year Total Enrollment, Voorheesville Central School District



Source: Voorheesville Central School District

Enrollment data was provided by the District as of the Fall of 2021. Enrollment was calculated as those students in “regular” classes. Students listed as “Self-Contained” or “Out of District” were included in unique classifications and not assigned to any specific grade.

Grade-to-Grade Survival Multipliers

Grade-to-grade survival multipliers provide a foundation from which enrollment projections are calculated. We calculate a survival multiplier by dividing the number of students in a grade per year by the number of students in the previous grade in the prior year.

With enrollment data dating back to the 1987-1988 school year, it is possible to determine short-term, medium-term, and long-term survival multipliers. These terms are categorized as 5-year, 10-year, and 20-year survival multipliers. These multipliers are calculated by taking the average survival multiplier for a grade by the designated number of years. These averages are then used as a possible method for projecting future enrollment.

Calculating the survival multiplier for kindergarten requires an extra step. Kindergarten survival multipliers are calculated using the historic number of births within the school district and comparing them to the number of kindergarten students five years later.

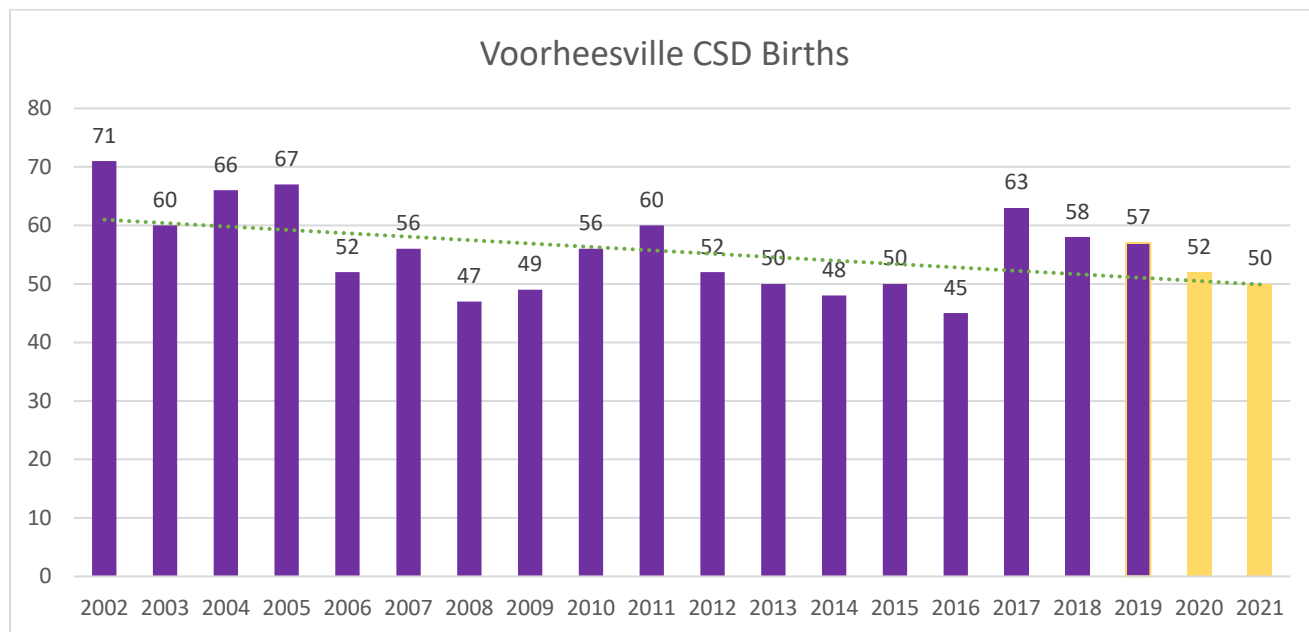
Calculating the Survival Multiplier

For Grades 1 – 12: If there are 100 1st graders in the 2020-2021 school year, and 120 2nd graders in the 2021-2022 school year, then the grade-to-grade survival ratio is $120/100$, or 1.2.

For Kindergarten: If there were 100 births in 2016 and five years later in 2021-2022 there were 120 kindergarten students, the kindergarten survival multipliers would be calculated as $120/100$, or 1.2.

Since the release of birth data always lags the calendar year by more than a year, the number of births for the final two years of the projection period must be estimated. The most recently available birth data is for the year 2019 (Chart 2), which provides CDRPC with a basis for calculating the number of kindergartners through the 2024-25 school year. To project the number of kindergartners in 2025 and 2026, CDRPC estimated the number of births in 2020 and 2020 to be 52 and 50, respectively.

Chart 2: Number of Births



NOTE: Births for 2020 and 2021 are estimates.

Source: New York State Department of Health

The New York State Department of Health has released school district-level birth data since 2002. With data available through 2019, there are now 18 years of data from which patterns and trends can be observed. To complete the projections through the 2026-27 school year, the number of births for 2020 and 2021 needed to be estimated. CDRPC considered the average number of births over the previous 15 years as a basis for estimating future births and then adjusted accordingly to compensate for trends. While we don't yet know for sure how it will affect the District, there have been concerns that the pandemic may have caused a "baby bust" in 2020 and 2021. This would result in lower-than-average birth classes in those two years. To compensate for this, we adjusted our estimated birth classes down slightly, but actual births may be lower. Taking this into account, CDRPC projects that there were 52 births within the school district in 2020 and 50 in 2021.

Over an 18-year period, the number of births within the District has seen fluctuations but has been trending downward since 2002. The District saw its fewest births of the past 17 years in 2016 with 45 births but then saw its highest birth class since 2005 the following year. While these kinds of fluctuations can produce spikes in enrollment, they do little to change overall trends. Births are projected to decrease slightly in 2020 and 2021 to 52 and 50 from 2019's total. ([Table 3](#)) Births were projected by calculating the averages of the past ten years and adjusting for trends.

Despite declining births, enrollment has seen steady increases over the past two years. This is a good sign that the District is enrolling more students than are being born each year. A birth-to-Kindergarten survival ratio greater than 1.0 is an important factor for enrollment increases or maintaining stable levels of enrollment.

Impact of Housing Development and Home Sales

Below, Chart 3 contains housing data from within the District. This data is compiled from Census data. We include both data from the Decennial Census (2000, 2010, and 2020) and the most recently available sample data from the American Community Survey. The Census Bureau recently released part of the 2020 Decennial Census counts, part of which included total housing unit counts for communities.

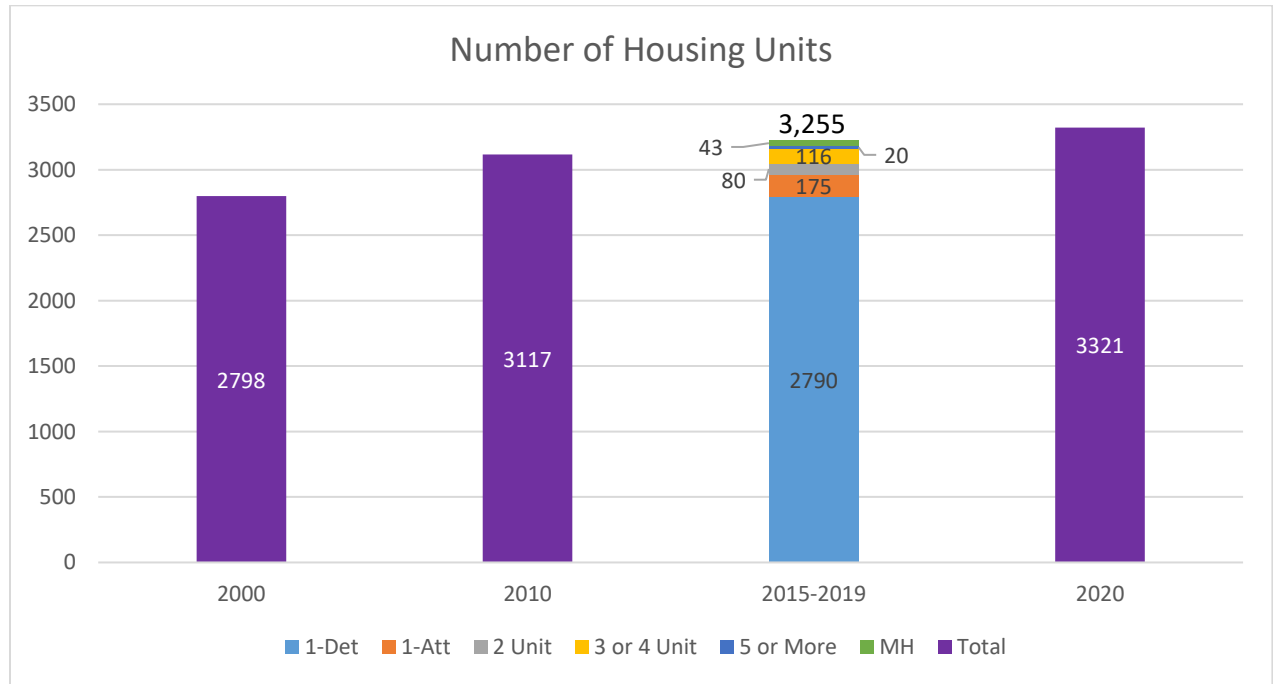
Number of Housing Units, Voorheesville Central School District



FIGURE 1: LE VIE FARM IN NEW SCOTLAND

The 2000, 2010, and 2020 Census provide exact counts of the housing units in the District, while the American Community Survey provides an estimate of the total housing units and comes with a margin of error. Chart 3 provides a breakdown of housing units organized as Single Family (both detached, and attached), 2 Unit, 3 or 4 Unit, 5 or More Units, and Mobile Homes. Since 2000, the rate of residential development within the District has slowed. Starting in 2000, there were 2,798 housing units, by 2010 that had increased by more than 3,117, an increase of 11.4%. Development has slowed from that pace, but development is continuing in the District. According to the 2020 Census, the District now has 3,321 total housing units. That represents a 204 or 6.5% unit increase since 2010.

Chart 3. Total Number of Housing Units, Voorheesville Central School District



Source: Census 2000, 2010, 2020 Summary File 1; 2015-2019 American Community Survey

The 2015-19 American Community Survey provides a breakdown of the housing types, allowing a closer examination of the character of the District's housing. Not surprisingly, single-family detached homes make up most of the District, accounting for approximately 86% of all housing. Typically, a higher concentration of single-family homes within a district would suggest many births and overall high enrollment, but births have been decreasing within Voorheesville over the past few years. Some of these homes may be filled with empty nesters who have raised their children and remained in their homes or families with older children. For example, the number of married couples with related children under 18 in the District fell from 34% of households in 2010 to approximately 26.5% in 2019.

Where Chart 3 and Table 4 provide a macro view of the District's housing stock with a detailed overview of the composition of the housing types; [Charts 4a, 4b, and 4c](#) and [Table 5](#) give a view of the District's housing at the Town and Village level. At this vantage point, individual municipal building permit issuances can be compared on an annual basis. [Table 4](#) provides a breakdown and count of the housing units within the District.

Chart 4: Building Permits Issuances

Chart 4 provides permit issuances since 1996 for the Towns of Guilderland and New Scotland and the Village of Voorheesville. Like the organization in Chart 3, building permit issuances are organized into Single Unit, 2 Unit, 3 or 4 Unit, and 5 or More. While only one permit is required for a building of multiple units, CDRPC has counted the total number of units per permit. Therefore, one permit for a 2-unit duplex has been counted as two units in Table 5. It is important to note that the Census Building Permit Survey relies on municipalities submitting their monthly permit issuance to the Census Bureau. There can be discrepancies between reported issuance and actual issuance if municipalities do not report.

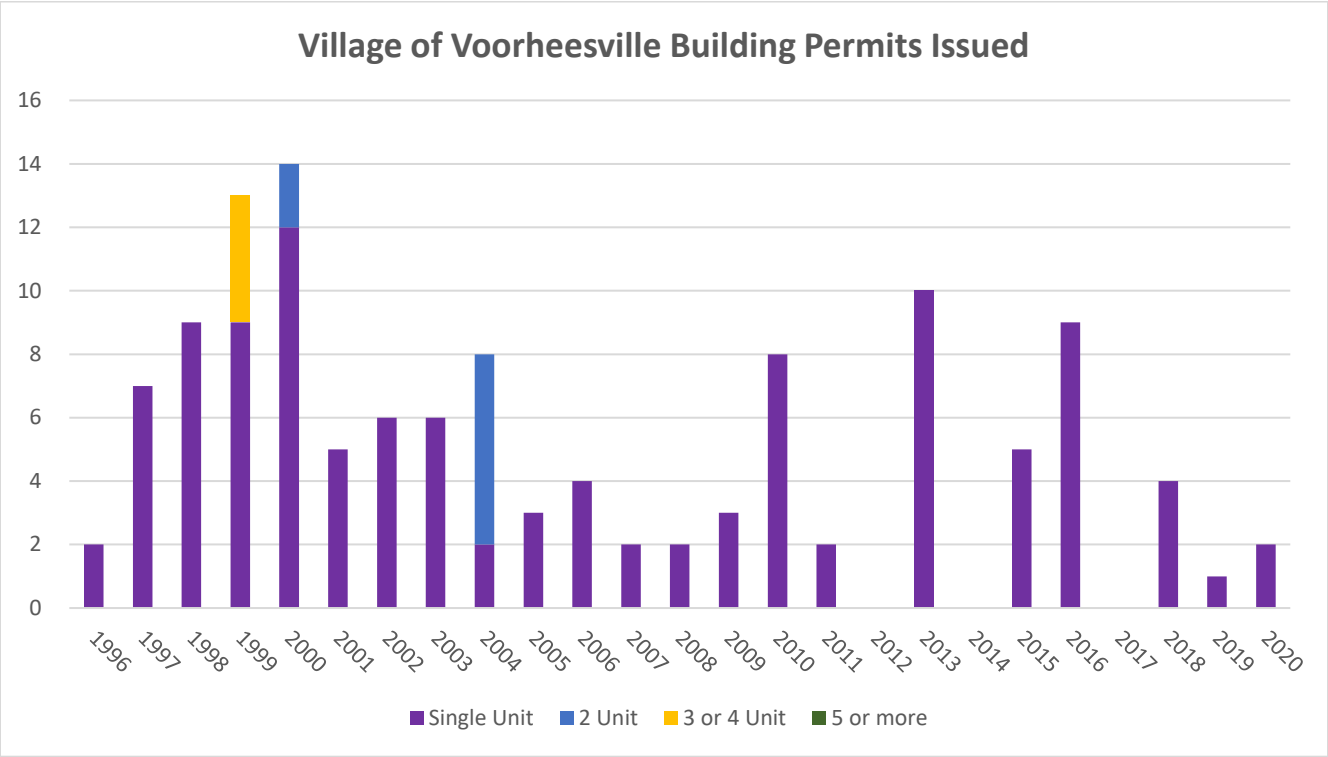
The rate of building permit issuance in the District slowed throughout the 2000s, but has increased through the 2010s. From 1997 to 2008, the three municipalities combined issued 1,875 total building permits. This decreased to 1,359 permits from 2009 to 2020. Single-family units dominate issuance between 1997 and 2008, with approximately 79% of all permits issued being for single-family units. However, multi-family permit issuance became far more prevalent between 2009 and 2020 with only 54% of permits issued being for single-family units. Most of these permits were issued by the Town of Guilderland.

The Town of Guilderland issued the most permits of the three municipalities that make up the District. Since 1997, Guilderland has issued 2,706 total permits with 1,523 issued between 1997 and 2008, and 1,183 between 2009 and 2020. Between 1997 and 2008, 75.3% of permits issued were for single-family units, but this decreased to 49.1% between 2009 and 2020 with slightly more multi-family permits issued in the Town.

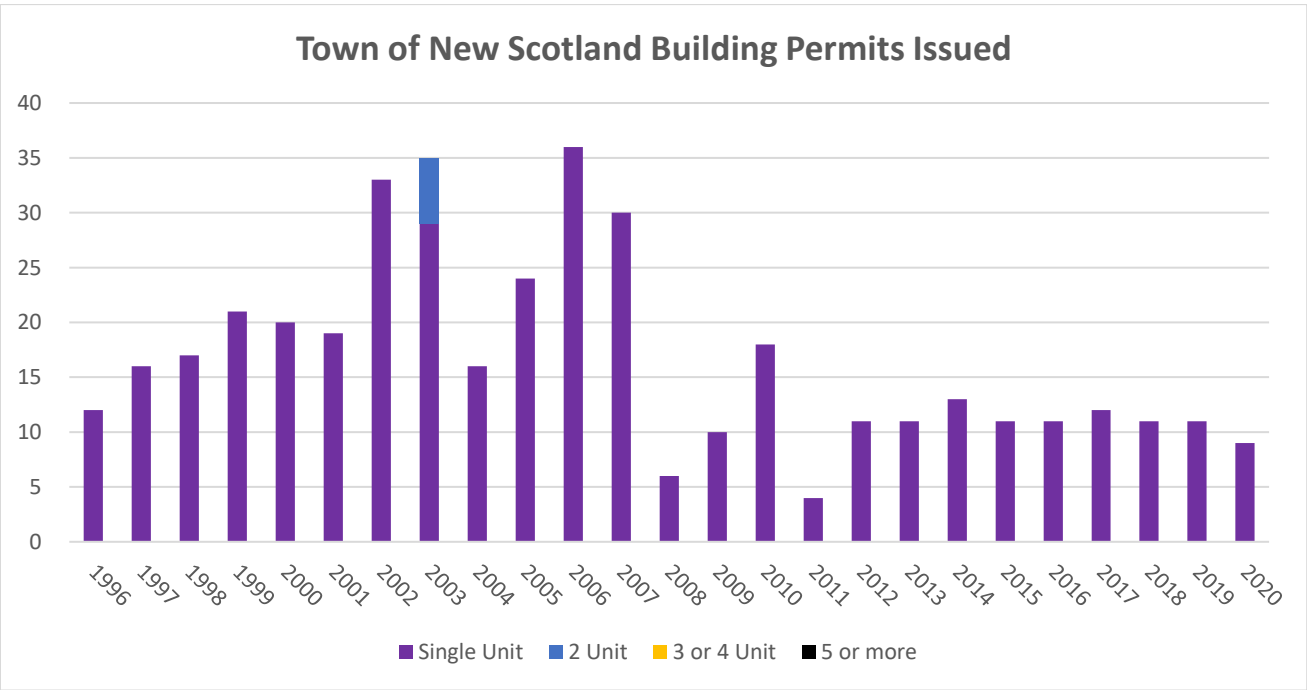
New Scotland issued the second most permits since 1997 with 405 total permits issued, 273 between 1997 and 2008, and 132 between 2009 and 2020. Most permits issued in New Scotland have been single-family, with 97.8% in the first period and 100% of all permits being for single-family in the second.

The Village of Voorheesville issued the fewest permits since 1997 with 123 total permits, 79 coming between 1997 and 2008 and 44 between 2009 and 2020. Of the permits issued between 1997 and 2008, 84.8% were for single-family units. Between 2009 and 2020, approximately 77.3% of permits issued were for single-family homes.

Chart 4: Building Permits Issued



Source: U.S. Census Bureau Building Permit Survey



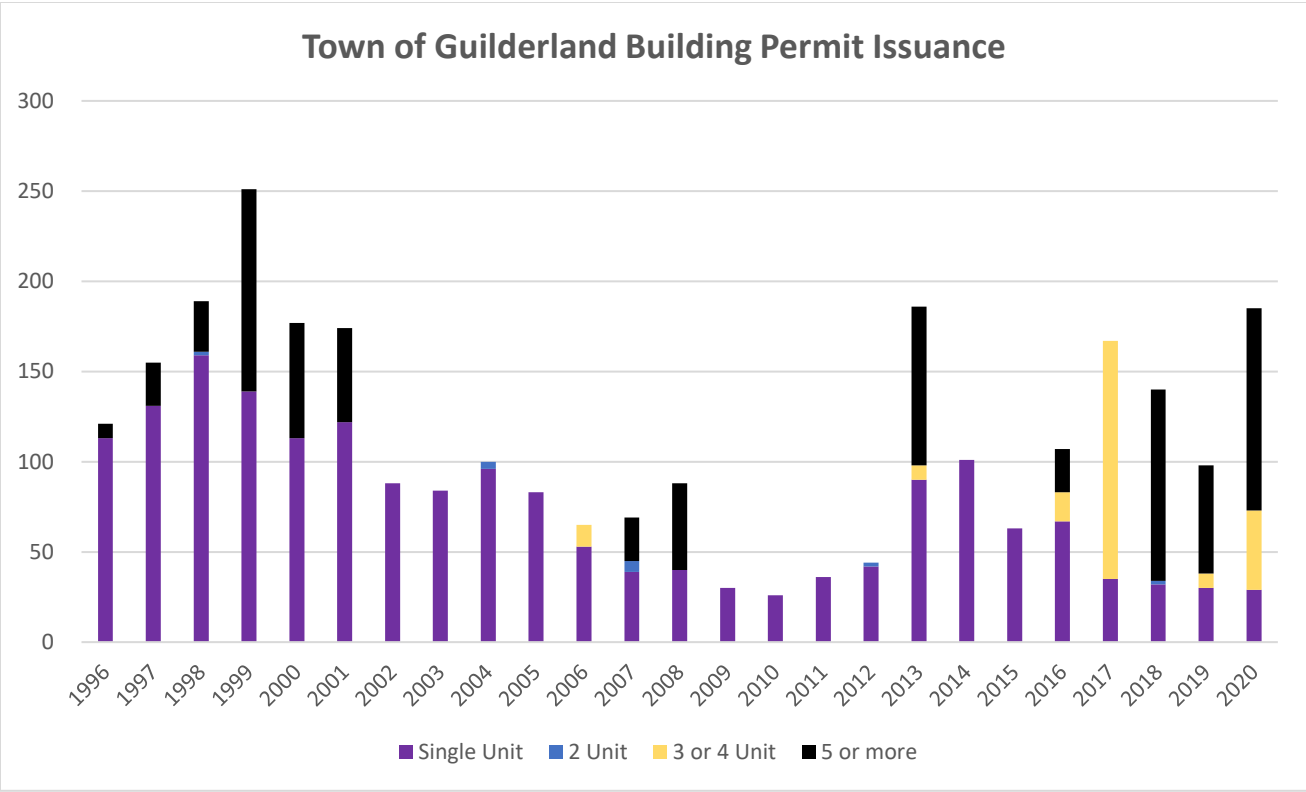


Chart 5: Voorheesville Central School District Home Sales

Chart 5 examines existing home sales within the District. Working in conjunction with the Greater Capital Association of Realtors (Global MLS, Inc), CDRPC can report the Multiple Listing Service (MLS) data at the school district level. CDRPC began the transition to this new system in late 2014 and, as a result, historical data is unavailable before that year. This new system tracks various metrics including median & average sale price, the total number of units sold, and the average number of days on the market.

In 2021, the housing market in the region was incredibly hot, with homes being purchased at much faster rates and housing stocks being close to zero in some places. The market was also hot in the District. In terms of existing-home sales ([Table 6](#)), 2021 is on pace to sell approximately 124 units. This would be the most sold in the District since 2014. After 2014, existing-home sales in the District have consistently reached over 100 sales and have ranged between 109 and 120.

Median sales price had been consistently growing each year from 2014 until 2020 but saw a big jump in 2021. Starting at \$240,000 in 2014, the median sales price increased slightly every year, meaning homes in the District were becoming more and more attractive. The median sales price jumped to a high of \$283,500 in 2019 from \$260,000 in 2018. The median sales price declined to \$280,000 in 2020. Through November 1st, 2021, the median sales price in the District jumped to \$310,000. This represents a \$30,000 increase since 2020.

The average Days on Market (DOM) has seen a lot of fluctuation since 2014, hitting a high of 94 DOM and a low of 53 in that time. 2020's DOM was 62 days but dropped to 55 days in 2021. With median sales price increasing and homes being available for a shorter amount of time, it was more competitive to buy a home in the District over the last year.

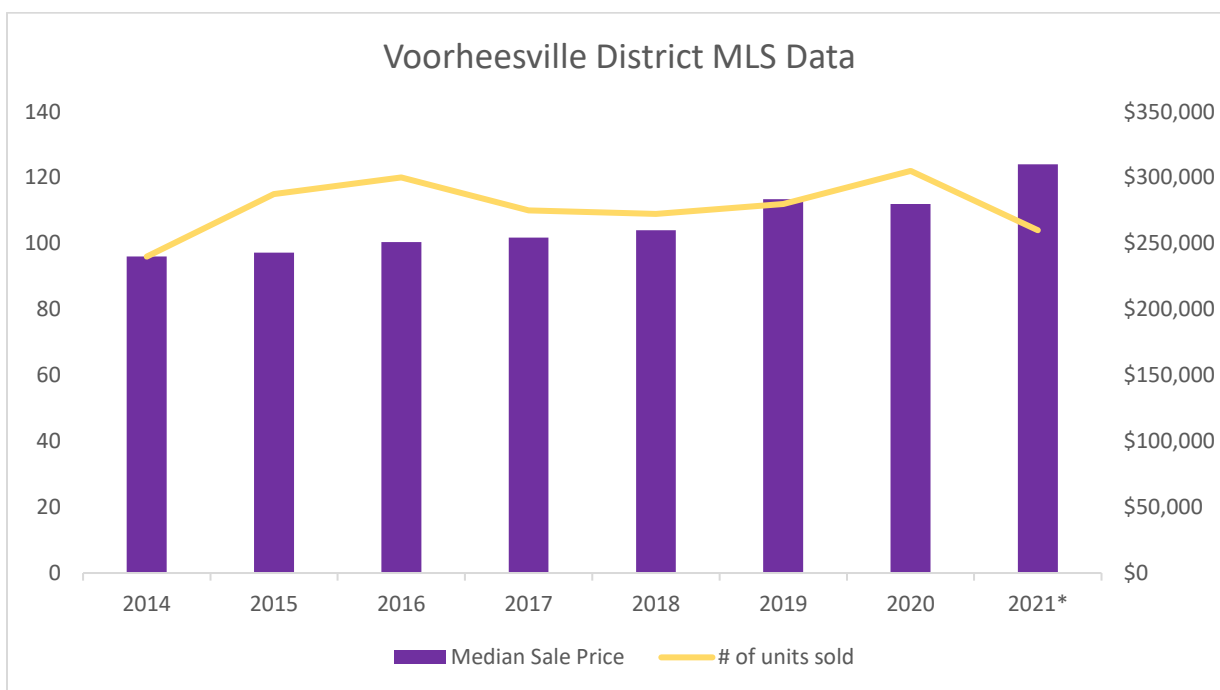


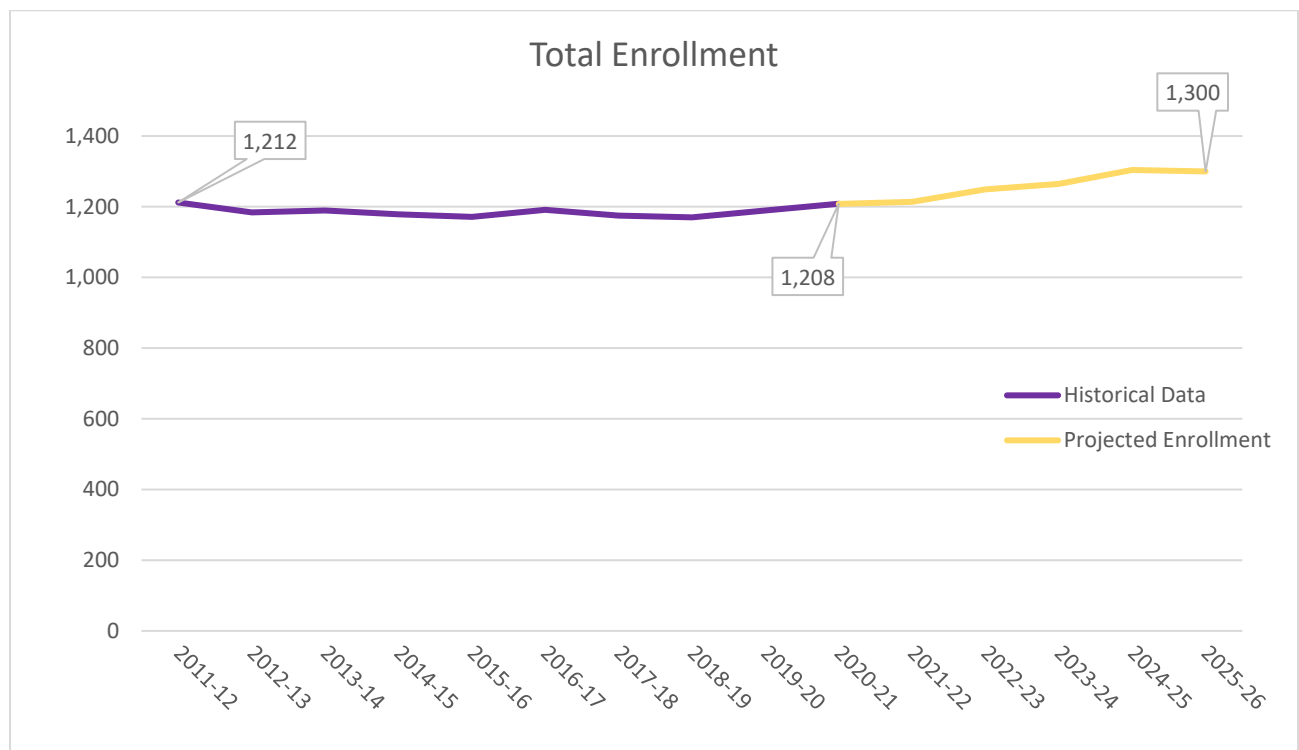
CHART 5: SOURCE, GLOBAL MLS, INC. NOTE, 2021 DATA IS THROUGH NOVEMBER 1ST

Five Year Enrollment Projections

- [Total enrollment is projected](#) to increase to 1,296 through 2026-27, a 6.84% or 83 student increase from the 1,213 students in 2021-22.
- Kindergarten enrollment is projected to fluctuate over the next 5 years but ultimately remain stable, decreasing slightly to 83 students in 2026-27.

In Chart 6 below, we have provided an overview of our enrollment projections through the 2026-27 school year. Enrollment is projected to remain stable overall, continuing the recent trend of gradual increase through 2026-27. These projections are based largely on the assumption that survival ratios in the District will continue to be as high as they have been in past years. Enrollment increases could be larger if the 2020 and 2021 birth classes are larger than predicted. Lower than average survival ratios, on the other hand, could reverse the projected increases and cause declines.

Chart 6: Total Enrollment with Projections, 2011-2027

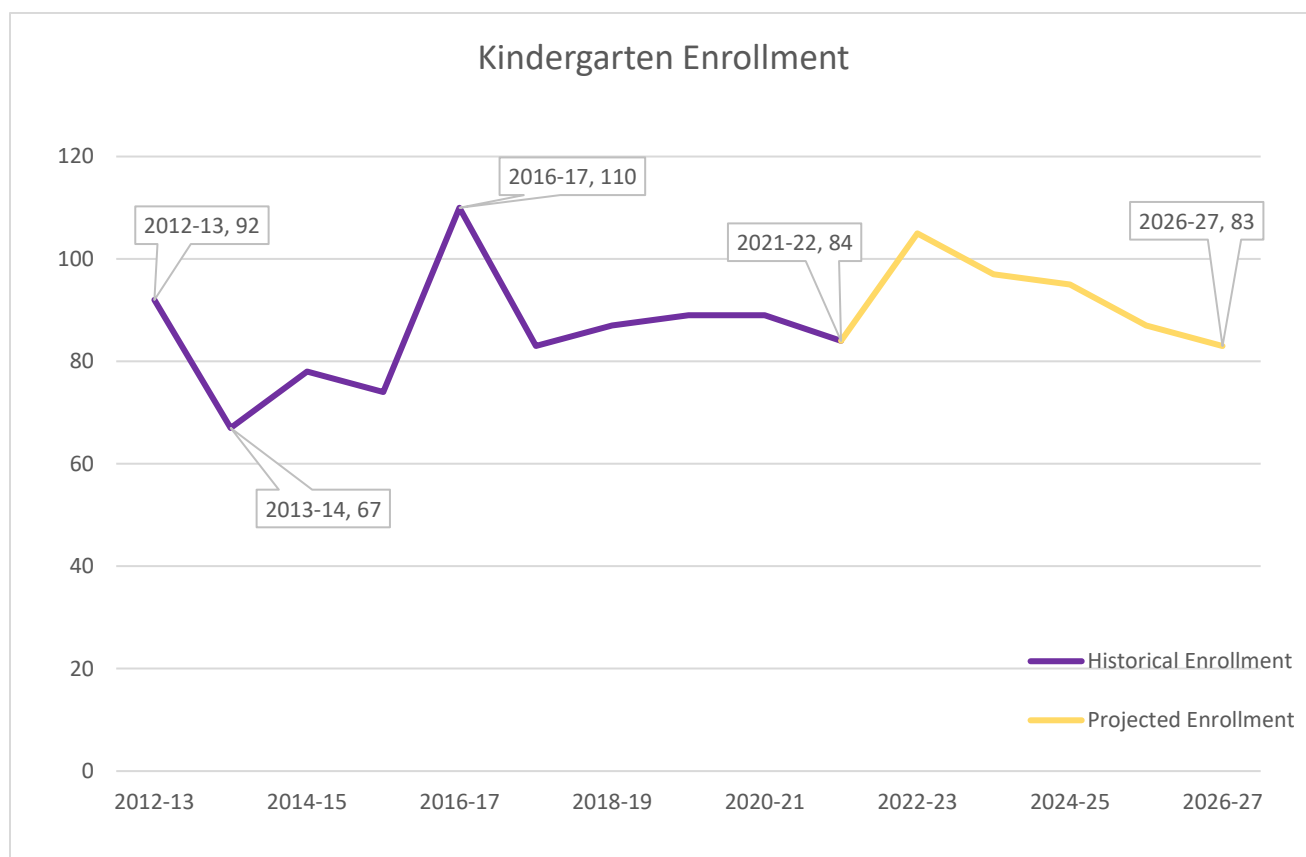


Total enrollment in 2021-22, including self-contained and Out of District students, was 1,213. By the end of the projection period, enrollment is expected to be 1,296 students, an increase of 83 students, or 6.84%, from 2021-22.

Kindergarten Enrollment Projection

Kindergarten enrollment in the District has been volatile, with spikes and declines happening frequently. This volatility is expected to continue with enrollment projected to jump to 105 next year but then steadily decrease back down to 83 by 2026-27. This is based on anticipated smaller birth classes in 2020 and 2021 due to COVID. This represents a decline of 1.19% or 1 student from 2021-22 ([Chart 7](#)).

Chart 7: Kindergarten Enrollment with Projections, 2011-2027



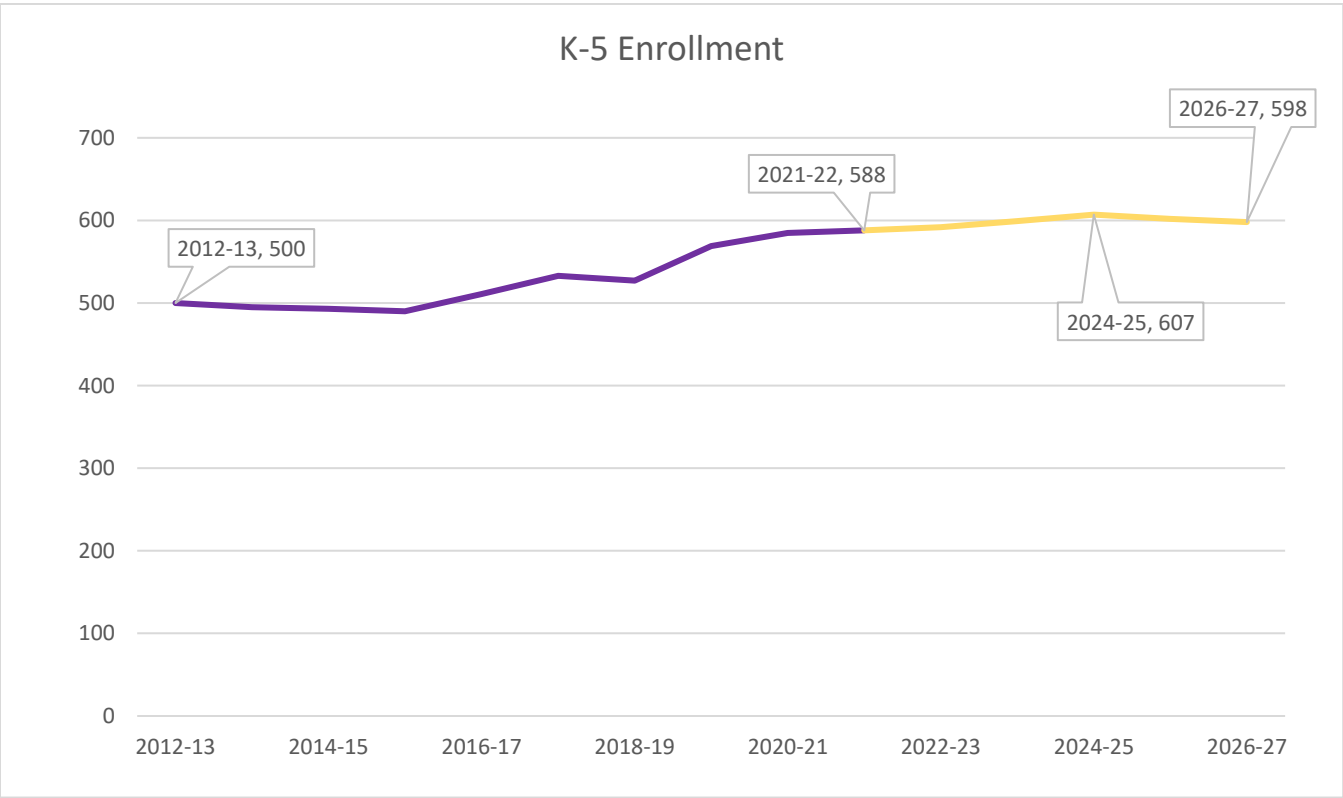
In 2016 the district had 45 births which are far below the average class since 2002. Even with this below-average birth class, Kindergarten enrollment in 2021-22 was very strong with 84 students enrolled. This has been common with Kindergarten enrollment in the District, with more students being enrolled than were born in the District. Bringing in more students than were born will be key with birth classes getting smaller since 2002.

Birth-to-Kindergarten survival ratios are one of the key factors in enrollment and projecting future enrollment. The District has consistently had strong ratios above 1 every year since 2002. This year's ratio of 1.8667 was the highest ratio the District has seen since 2002. With more kids being enrolled than are born, the District has seen Kindergarten enrollment trending up over the past 20 years despite the lower average birth classes.

K-5 Enrollment Projection

K-5 enrollment has been steadily increasing since 2018-19, and that trend is projected to continue. Enrollment hit a 20-year high of 588 in 2021-22. Enrollment in the cohort is projected to continue to increase through 2024-25 where it will reach 607 and then even out over the next two years. Enrollment is ultimately projected to reach 598 by 2026-27. This represents an overall increase of 10 students or 1.7% in the cohort.

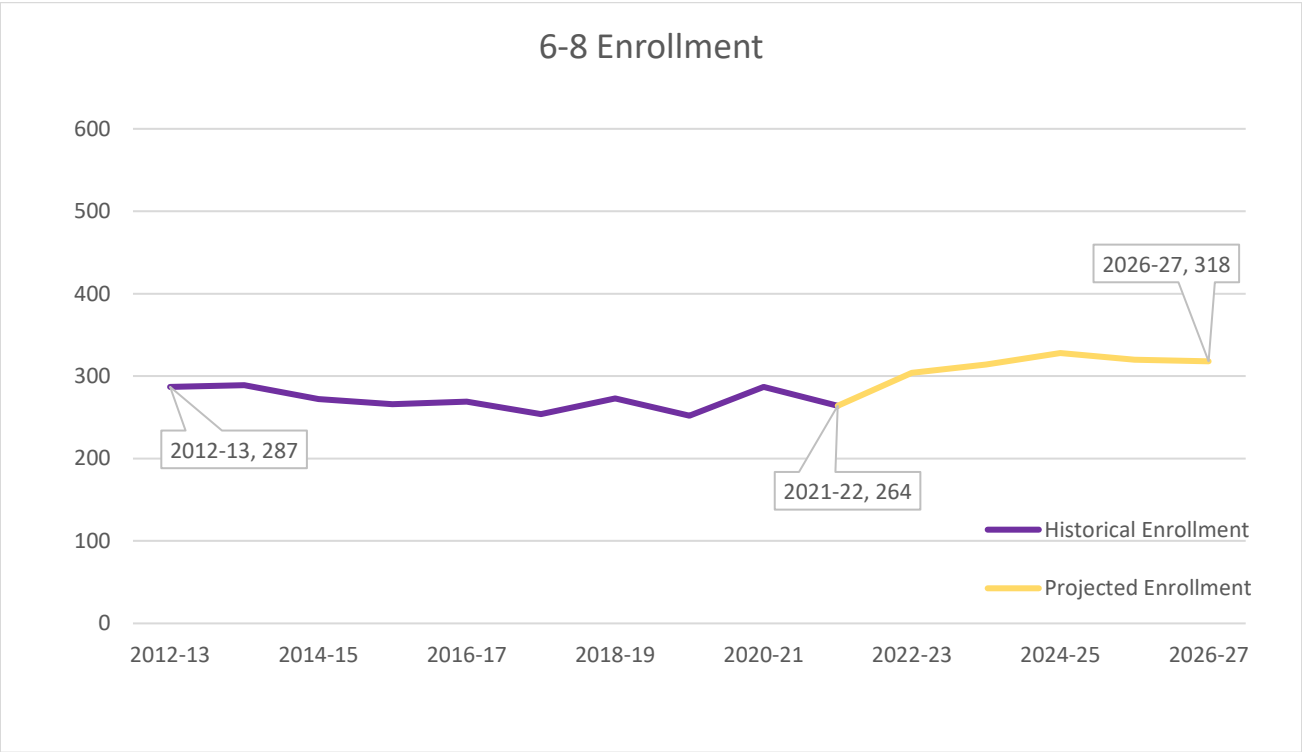
Chart 8: K-5 Enrollment with Projections, 2011-2027



6-8 Enrollment Projection

After a year of decline in 2021-22, enrollment in 6-8 is projected to increase until evening out in the last two years of the projection period. Enrollment declined to 264 in 2021-22 but is projected to increase through 2024-25 to 318. Enrollment is projected to even out through the rest of the projection period, reaching 318 in 2026-27. This represents a 54 student or 20.5% increase. This growth in the 6-8 cohort is fueled by larger classes that are currently moving through the K-5 cohort and is the largest projected increase of all the cohorts.

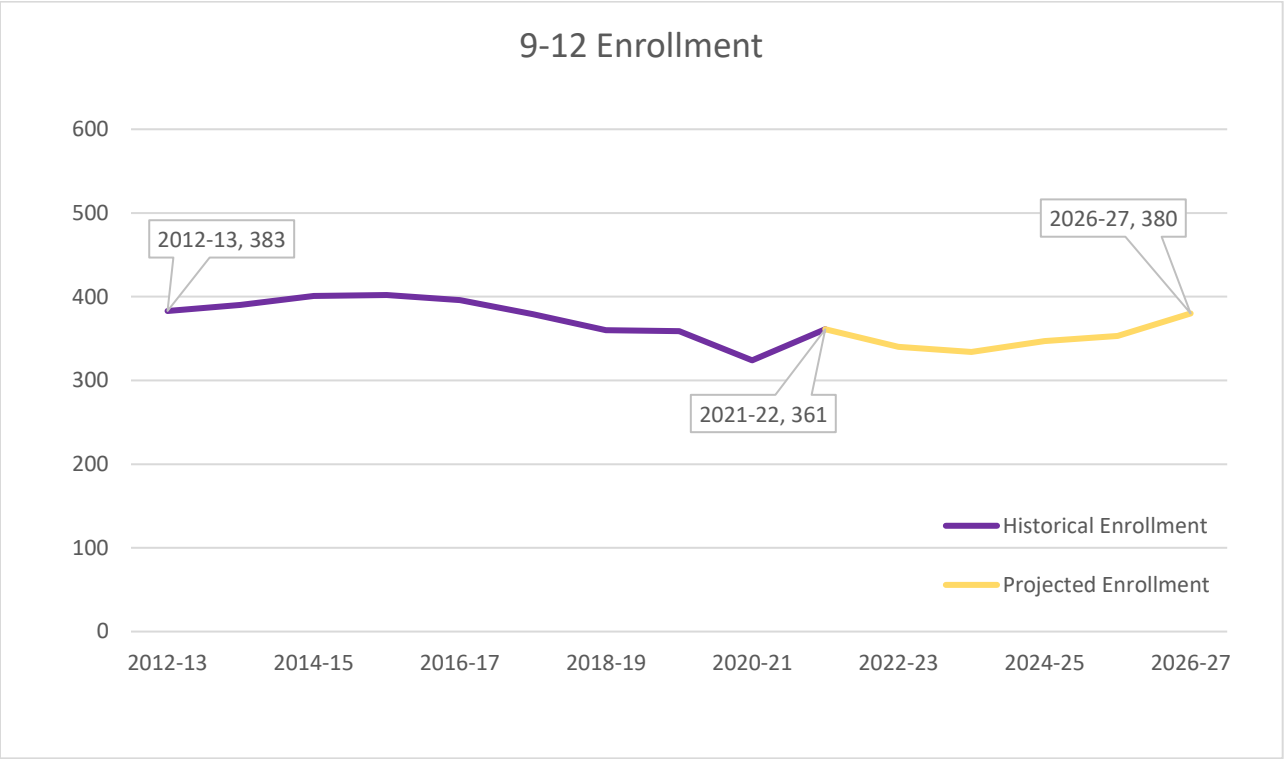
Chart 9: 6-8 Enrollment with Projections, 2011-2027



9-12 Enrollment Projection

Like the other cohorts, the 9-12 cohort is projected to see increases after bouncing back from a low this year with 361 students enrolled in 2021-22. After a few years of decline, enrollment in the cohort is projected to grow through the end of the projections period where it will reach 380 students in 2026-27. This represents an 83 student or 6.8% increase from 2021-22. Growth in the 9-12 cohort is fueled by the larger classes from K-5 that will move through the 6-8 cohort will eventually also move through 9-12 over the next decade.

Chart 10: 9-12 Enrollment with Projections, 2011-2027

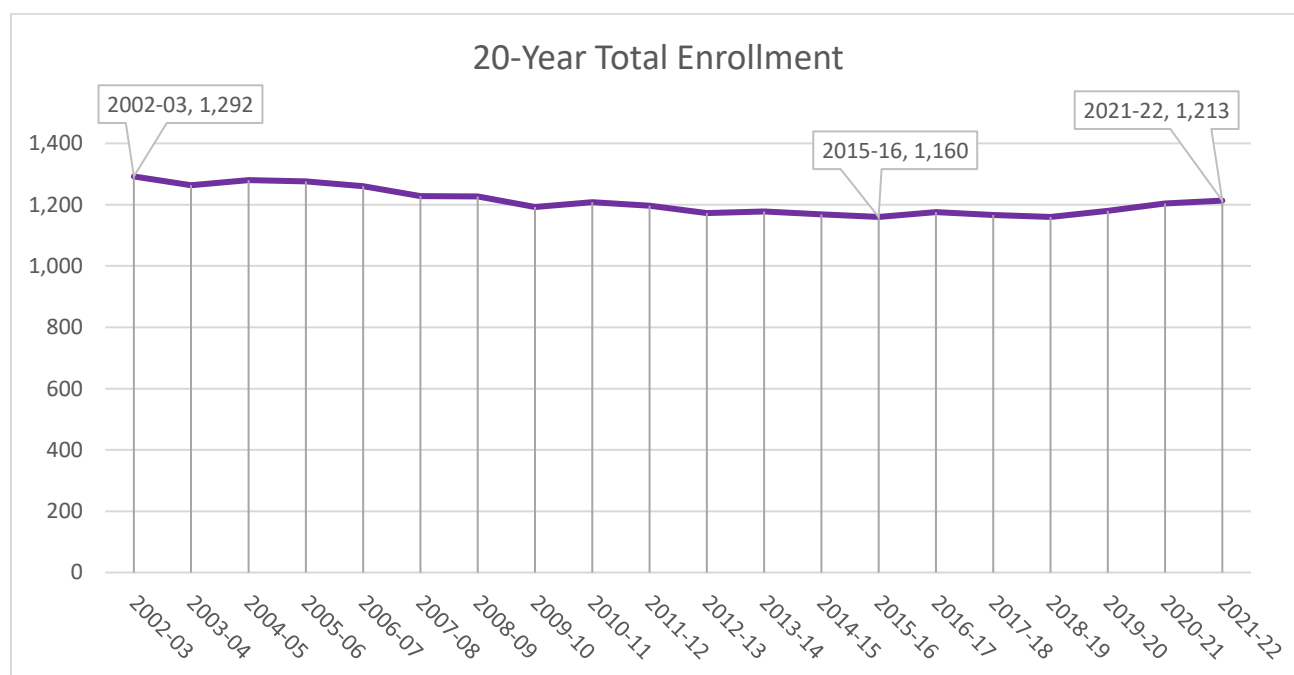


Historic Enrollment Trends

- The District experienced a 20-year enrollment peak in 2002-03 at 1,292 students
- Enrollment for 2021-22 has declined by 79 students or 6.11% since 2002-03
- Kindergarten enrollment is 23.64% less than the District's 20-year peak in 2016-17

The 20-year enrollment trend for the District's total enrollment shows a recent rebound after hitting a 20-year low in 2015-16. The 20-year enrollment peak for the District occurred in 2002-03. After this peak year, enrollment slowly declined through 2015-16 where it hit a low of 1,160. After hitting this low, enrollment began a slight resurgence. The rate of here increases has picked up in the past two years. In 2021-22 enrollment increased from the 20-year low to 1,213. However, this is a 79 student or 6.11% decrease from the 20-year high in 2002-03. While enrollment has seen increases and decreases, these changes have largely taken place over many years and have not been affected by large spikes or drops in enrollment. Enrollment has shifted between 1,292 and 1,160 over the past 20 years, a sign of overall stability in the District.

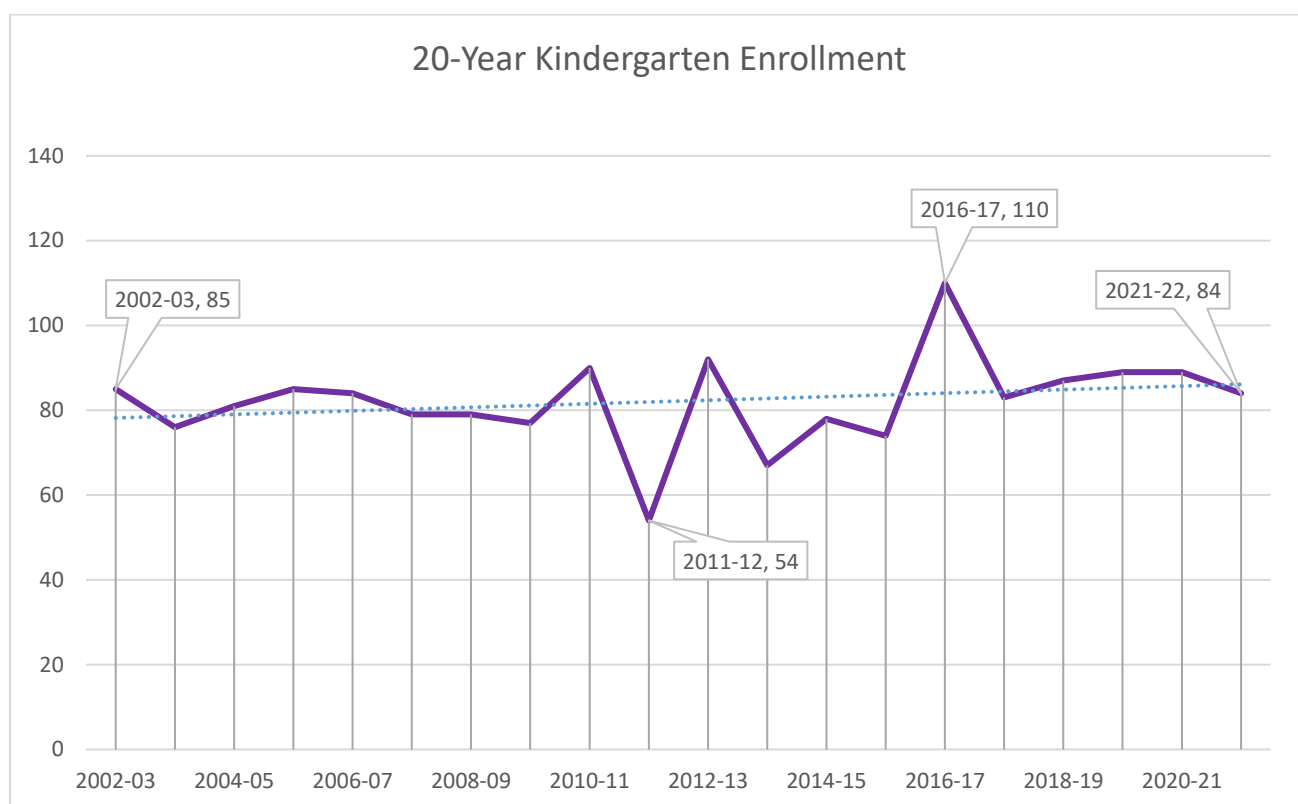
Chart 11. 20-Year Total Enrollment



Kindergarten Enrollment

Kindergarten enrollment has been steadily increasing overall over the past 20 years but has seen a lot of fluctuation in recent years. Starting with 85 students in 2002-03, enrollment remained relatively stable throughout the 2000s but started to see a higher degree of fluctuation starting in 2010-11. Kindergarten enrollment would hit its 20-year low in 2011-12 with 54 students but rise back up to 92 the following year. Enrollment would reach its 20-year high a few years later in 2016-17 with 110 students. Enrollment has been more stable the past four years, reaching 84 students in 2021-22. While fluctuations make it harder to see, the average Kindergarten enrollment class has been growing over the past 20 years. This growth has come while birth classes have been getting smaller over time.

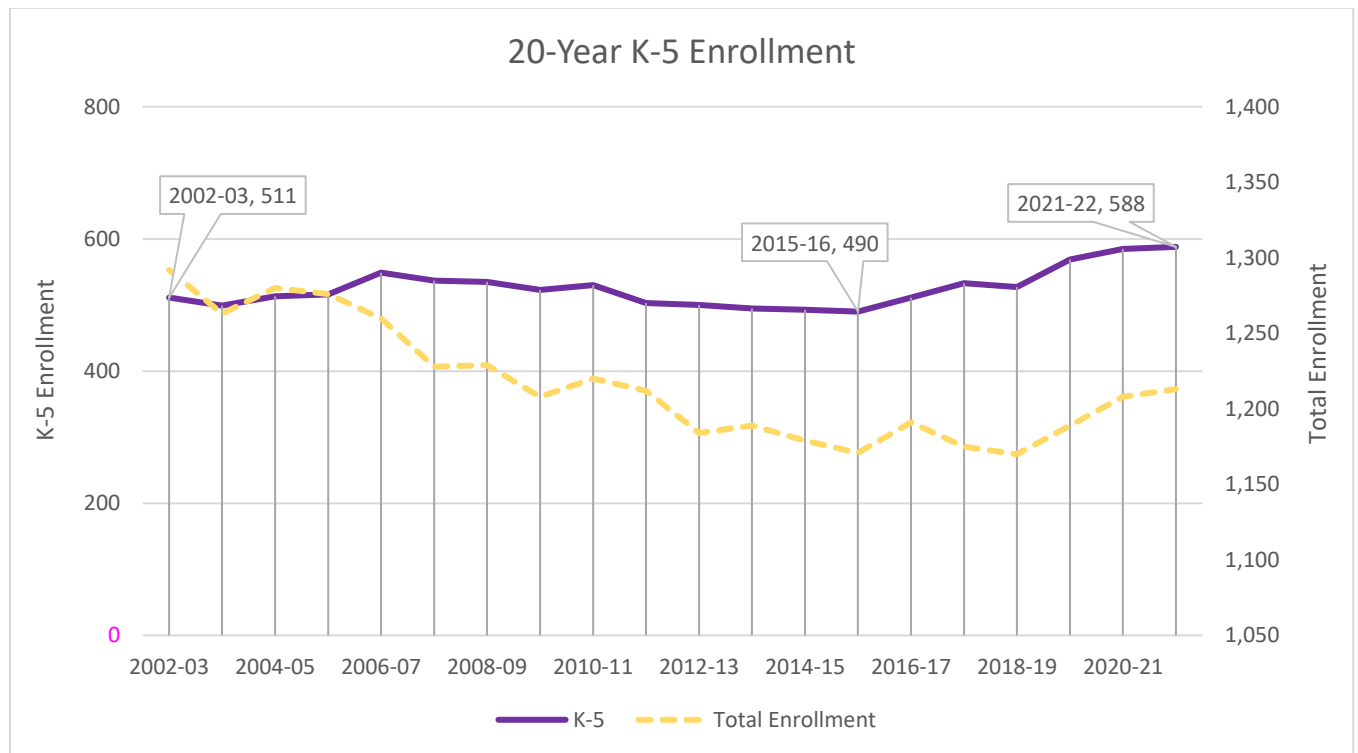
Chart 12. 20-Year Kindergarten Enrollment



K-5 Enrollment

Enrollment by grade cohort ([Table 2](#)) illustrates how enrollment trends by the three cohorts influence trends in the District's total enrollment. K-5 enrollment began in 2002-03 with 511 students where it remained relatively steady through 2015-16 where it hit a 20-year low of 490. Even as a 20-year low, this is not very far outside of the normal parameters of the cohort for the past 20 years. Enrollment in the cohort began to increase steadily after hitting this low and has continued to increase through the current year where it hit a 20-year high of 588 students. This year's high represents a 77 student or a 15.1% increase from the cohort's starting point of 511 in 2002-03.

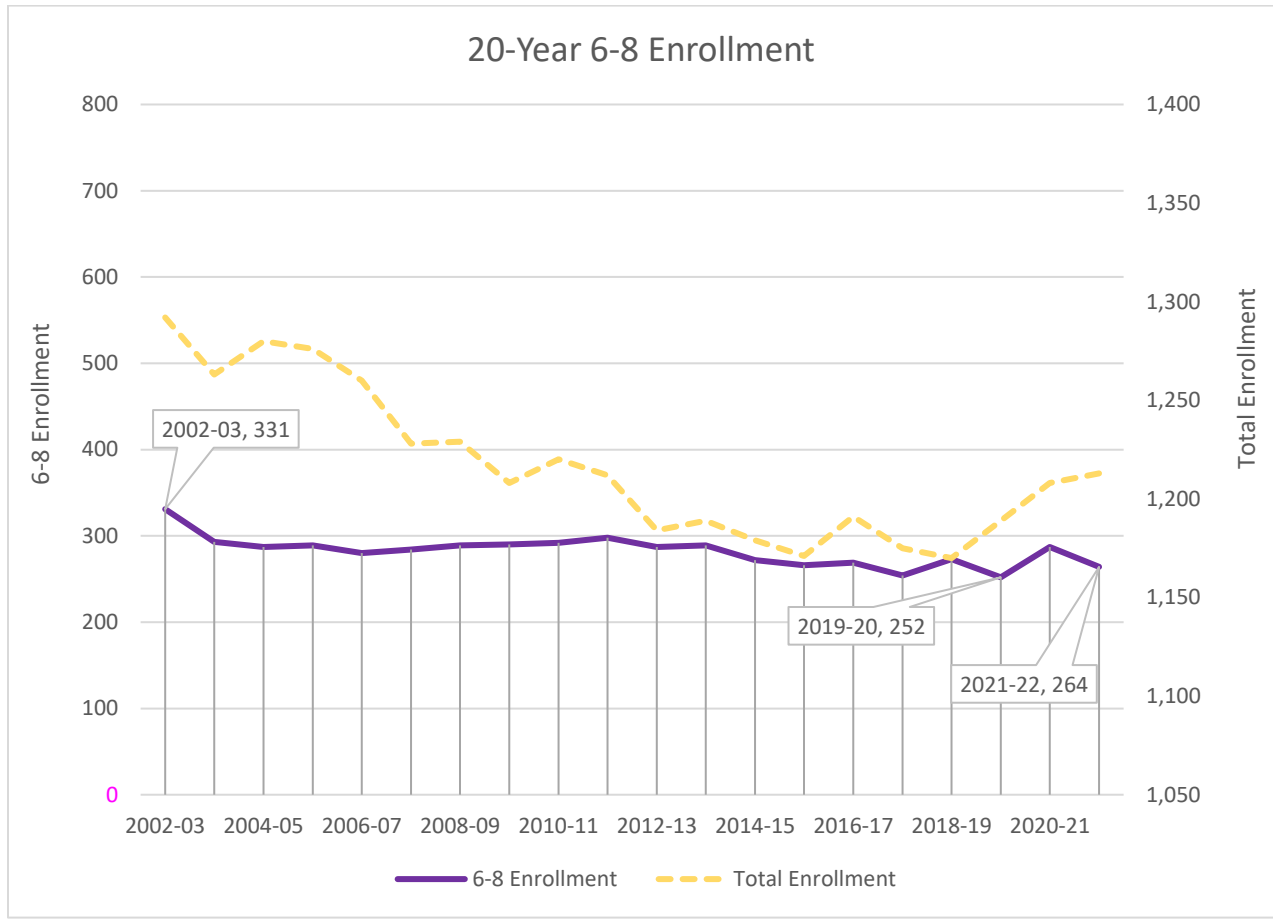
Chart 13. 20-Year K-5 Enrollment



6-8 Enrollment

The 6-8 enrollment cohort has been stable over the past 20 years. 6-8 enrollment started in 2002-03 with 331 students in the cohort. Enrollment declined to under 300 in 2003-04 and has remained there ever since. Enrollment remained between 293 and 252 since 2003, with 252 students being the 20-year low reached in 2019-20. Enrollment rebounded from this low in 2020-21 with 287 students enrolled but declined again this year to 264 in 2021-22. This represents a 67 student or 20.2% decrease from the 20-year high.

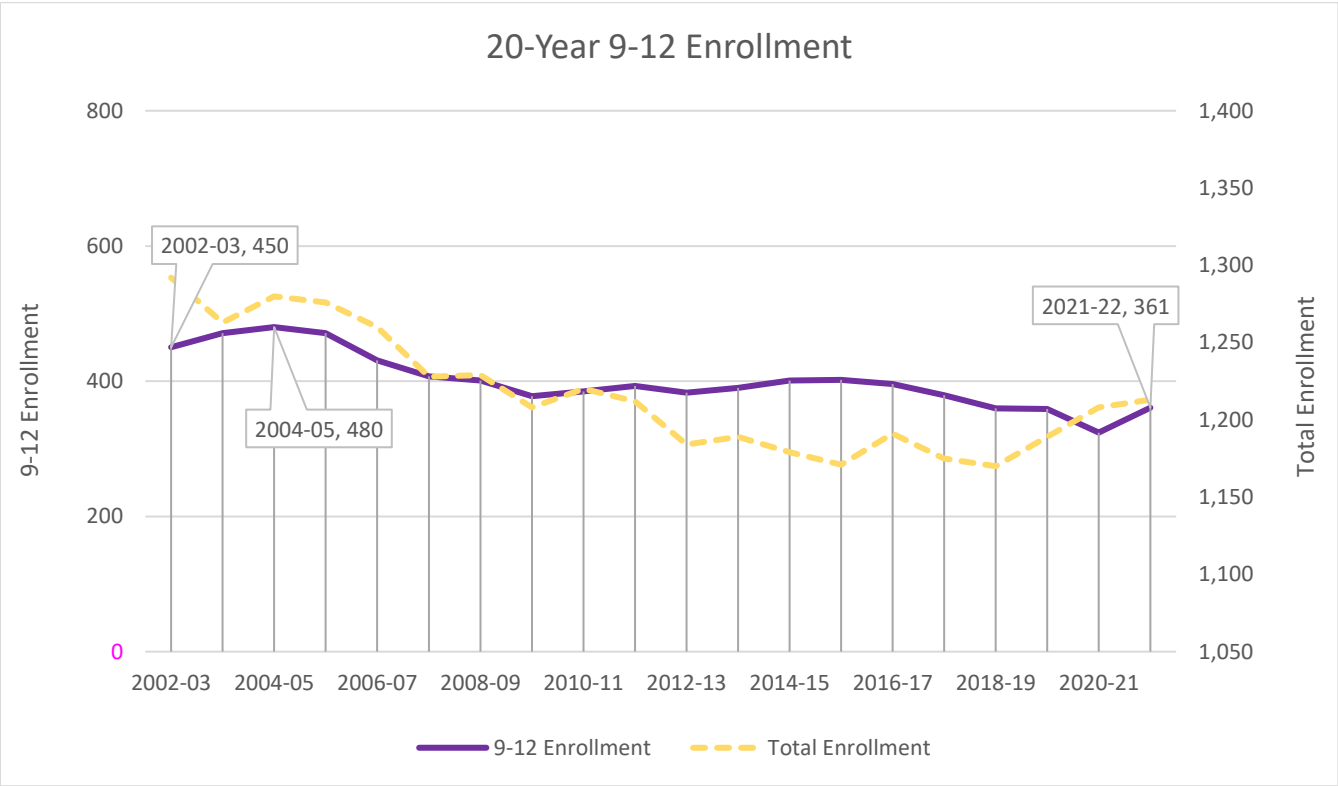
Chart 14. 20-Year 6-8 Enrollment



9-12 Enrollment

The 9-12 cohort has been decreasing overall over the past 20 years. Starting with 450 students in the cohort in 2002-03, enrollment grew through 2004-05 where enrollment reached a 20-year high of 480. After this high, enrollment slowly decreased, with brief periods of stability. Unlike K-5 and 6-8 who have recently seen growth, 9-12 has continued to decline through last year where it hit a 20-year low of 324. Enrollment bounced back this year, reaching 361 students in 2021-22. This represents a decline of 119 students or a 24.8% decrease from the 20-year high.

Chart 15. 20-Year 9-12 Enrollment



Conclusion

After years of relative stability, District enrollment is projected to continue its recent trend of increasing through the end of the projection period. Enrollment is projected to increase to 1,296 by 2026-27 from the current year's enrollment of 1,213. A potentially large project in the Town of Guilderland, as well as recent development in the Town of New Scotland and the Village of Voorheesville, could potentially provide additional enrollment increases over the next ten years. Existing home sales in the District have been very hot the last year and could further bring in new families and school-age children into the District. The District's birth-to-Kindergarten survival ratio has consistently remained above 1.0, an important factor for enrollment growth. We are still unsure how COVID will affect birth rates in 2020 and 2021, but lower than projected birth classes would likely cause enrollment in the final two years to be lower than projected.

Appendix A: Status of Single-Family Subdivisions

Appendix A Voorheesville Central School District Status of Approved Major Single-Family Subdivisions

Subdivision Name	Total Number Planned	Complete/ Underway	2021	2022	2023	2024	2025
Town of Guilderland							
Albany County Club (Proposed)	196	—	—	—	—	—	—
<i>Sub-total</i>	196	—	—	—	—	—	—
Town of New Scotland							
Various Single Family Units	25	—	—	—	—	—	—
Biernacki	12	10	—	—	—	—	—
Charlew	18	5	—	—	—	—	—
Amedore	40	39	—	—	—	—	—
Barbara Homes	16	3	—	—	—	—	—
Masullo (Kensington Woods)	169	54	—	—	—	—	—
<i>Sub-total</i>	280	101	—	—	—	—	—
Village of Voorheesville							
Various Single-Family Units	13	12	1	-			
<i>Sub-total</i>	13	12	1	—	—	—	—
School District Sub Total	489	113	1	—	—	—	—

Appendix B: Status of Multi-Family Subdivisions

Appendix B							
Voorheesville Central School District							
Status of Approved Major Multi-Family Subdivisions							
Subdivision Name	Total Number Planned	Complete/ Underway	2021	2022	2023	2024	2025
Town of Guilderland							
Albany County Club (Proposed)	49	—	—	—	—	—	—
<i>Sub-total</i>	49	—	—	—	—	—	—
Town of New Scotland							
-	—	—	—	—	—	—	—
<i>Sub-total</i>	—	—	—	—	—	—	—
Village of Voorheesville							
-	-	-	-	-			
<i>Sub-total</i>	—	—	—	—	—	—	—
School District Sub Total	49	—	—	—	—	—	—

Appendix: Data Tables

Table 1: Historic School Enrollment, 2002 – 2022

TABLE 1
Voorheesville Central School District
Historical School Enrollment : 2002-2003 to 2021-2022

	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
K	85	76	81	85	84	79	79	77	90	54	92	67	78	74	110	83	87	89	89	84
1	78	90	91	82	94	87	84	85	83	97	58	94	65	78	81	108	90	90	94	93
2	84	76	87	94	88	92	91	83	86	83	98	64	96	66	80	85	108	96	94	98
3	81	77	83	89	98	89	89	91	87	88	82	103	66	105	66	84	88	110	102	97
4	91	86	82	87	92	98	92	92	91	88	80	86	101	66	108	66	86	90	113	102
5	92	94	89	79	93	92	100	95	93	93	90	81	87	101	66	107	68	94	93	114
6	101	87	98	94	87	100	99	94	95	98	97	93	82	88	99	67	107	78	98	89
7	114	96	87	102	96	86	103	98	96	96	99	95	96	81	90	96	69	108	77	97
8	116	110	102	93	97	98	87	98	101	104	91	101	94	97	80	91	97	66	112	78
9	126	123	118	104	91	98	103	87	99	104	99	96	109	100	95	79	88	101	66	104
10	121	120	125	117	103	89	99	102	87	100	101	98	96	109	101	97	78	88	99	71
11	112	117	122	126	120	103	94	100	103	87	97	103	97	97	104	99	95	77	84	95
12	91	111	115	124	117	117	105	89	96	102	86	93	99	96	96	104	99	93	75	91
Self Contained	0	0	0	0	0	0	2	1	1	3	3	4	2	2	2	0	0	0	8	0
Out of District	0	0	0	0	0	0	2	16	12	15	11	11	11	11	15	9	10	9	4	0
Total	1,292	1,263	1,280	1,276	1,260	1,228	1,227	1,192	1,208	1,197	1,173	1,178	1,168	1,160	1,176	1,166	1,160	1,180	1,204	1,213

Source: NYS Dept. of Education BEDS Data

Table 2: Aggregate School Enrollment, 2002 – 2022

Voorheesville Central School District
Aggregate School Enrollment : 2002-2003 to 2021-2022

	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
K-5	511	499	513	516	549	537	535	523	530	503	500	495	493	490	511	533	527	569	585	588
6-8	331	293	287	289	280	284	289	290	292	298	287	289	272	266	269	254	273	252	287	264
9 - 12	450	471	480	471	431	407	401	378	385	393	383	390	401	402	396	379	360	359	324	361
Self Contained	0	0	0	0	0	0	2	1	1	3	3	4	2	2	0	0	0	0	8	0
Out of District	0	0	0	0	0	0	2	16	12	15	11	11	11	11	15	9	10	9	4	0
Total	1,292	1,263	1,280	1,276	1,260	1,228	1,229	1,208	1,220	1,212	1,184	1,189	1,179	1,171	1,191	1,175	1,170	1,189	1,208	1,213

Source: NYS Dept. of Education BEDS Data

Table 3: School District Births

TABLE 3
School District Births
Voorheesville Central School District

<u>Year of Birth</u>	<u>Number of Births</u>	<u>Year to Enter Kindergarten</u>	<u>Kindergarten Students</u>	<u>Survival Ratio</u>
2002	71	2007-08	79	1.1127
2003	60	2008-09	79	1.3167
2004	66	2009-10	77	1.1667
2005	67	2010-11	90	1.3433
2006	52	2011-12	54	1.0385
2007	56	2012-13	92	1.6429
2008	47	2013-14	67	1.4255
2009	49	2014-15	78	1.5918
2010	56	2015-16	74	1.3214
2011	60	2016-17	110	1.8333
2012	52	2017-18	83	1.5962
2013	50	2018-19	87	1.7400
2014	48	2019-20	89	1.8542
2015	50	2020-21	89	1.7800
2016	45	2021-22	84	1.8667
2017	63	2022-23	105	1.6652
2018	58	2023-24	97	1.6652
2019	57	2024-25	95	1.6652
2020	52	2025-26	87	1.6652
2021	50	2026-27	83	1.6652

Projections in italics

Source: NYS Department of Health Bureau of Health Statistics, Resident Live Births

Table 4: Number of Housing Units

TABLE 4
Voorheesville Central School District
Number of Housing Units

Year	Single Unit		2 Unit	3 or 4 Unit	5 or more	MH	Total
	1- Det	1- Att					
1980							0
1990							0
2000							2,798
2010							3,117
2015-2019	2,790	175	80	116	20	43	3,255
2020							3,321

1- Det = Single Family Detached **1- Att**= Single Family Attached **2 Unit**= Duplex **3 or 4 Unit** = Apartment/ Condominium **5 or more** = Large Apartment/Condominium **MH** = Mobile Home

Source: Data for 1980 and 1990 from CDRPC enrollment reports; Data for 2000 from the "Census 2000 School District Tabulation Supplement (STP2S) Table H30" accessed from the National Center for Education; Data for 2010 from the 2010 Census Table H1; 2014-18 American Community Survey B25024 accessed through American Fact Finder

Table 5: Building Permits

TABLE 5
Building Permit Issuances

Voorheesville

Year	Single Unit	2 Unit	3 or 4 Unit	5 or more	Total
1996	2	0	0	0	2
1997	7	0	0	0	7
1998	9	0	0	0	9
1999	9	0	4	0	13
2000	12	2	0	0	14
2001	5	0	0	0	5
2002	6	0	0	0	6
2003	6	0	0	0	6
2004	2	6	0	0	8
2005	3	0	0	0	3
2006	4	0	0	0	4
2007	2	0	0	0	2
2008	2	0	0	0	2
2009	3	0	0	0	3
2010	8	0	0	0	8
2011	2	0	0	0	2
2012	0	0	0	0	0
2013	0	0	0	10	10
2014	0	0	0	0	0
2015	5	0	0	0	5
2016	9	0	0	0	9
2017	0	0	0	0	0
2018	4	0	0	0	4
2019	1	0	0	0	1
2020	2	0	0	0	2

New Scotland

Year	Single Unit	2 Unit	3 or 4 Unit	5 or more	Total
1996	12	0	0	0	12
1997	16	0	0	0	16
1998	17	0	0	0	17
1999	21	0	0	0	21
2000	20	0	0	0	20
2001	19	0	0	0	19
2002	33	0	0	0	33
2003	29	6	0	0	35
2004	16	0	0	0	16
2005	24	0	0	0	24
2006	36	0	0	0	36
2007	30	0	0	0	30
2008	6	0	0	0	6
2009	10	0	0	0	10
2010	18	0	0	0	18
2011	4	0	0	0	4
2012	11	0	0	0	11
2013	11	0	0	0	11
2014	13	0	0	0	13
2015	11	0	0	0	11
2016	11	0	0	0	11
2017	12	0	0	0	12
2018	11	0	0	0	11
2019	11	0	0	0	11
2020	9	0	0	0	9

Guilderland

Year	Single Unit	2 Unit	3 or 4 Unit	5 or more	Total
1996	113	0	0	8	121
1997	131	0	0	24	155
1998	159	2	0	28	189
1999	139	0	0	112	251
2000	113	0	0	64	177
2001	122	0	0	52	174
2002	88	0	0	0	88
2003	84	0	0	0	84
2004	96	4	0	0	100
2005	83	0	0	0	83
2006	53	0	12	0	65
2007	39	6	0	24	69
2008	40	0	0	48	88
2009	30	0	0	0	30
2010	26	0	0	0	26
2011	36	0	0	0	36
2012	42	2	0	0	44
2013	90	0	8	88	186
2014	101	0	0	0	101
2015	63	0	0	0	63
2016	67	0	16	24	107
2017	35	0	132	0	167
2018	32	2	0	106	140
2019	30	0	8	60	98
2020	29	0	44	112	185

Source US Census

Table 6: Existing Home Sales

Table 6			
Voorheesville Central School District MLS Data			
	# of units sold	Median Sale Price	Average DOM
2014	96	\$240,000	64
2015	115	\$243,000	95
2016	120	\$251,000	67
2017	110	\$254,500	80
2018	109	\$260,000	53
2019	112	\$283,500	75
2020	122	\$280,000	62
2021*	104	\$310,000	55
*Represents January 1st through November 1st, 2021			
Source: Global MLS, Inc			

Table 7: Enrollment Projections, 2021 – 2026

TABLE 7
Voorheesville Central School District
Enrollment Projections: 2022-2023 to 2026-2027

Grade	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
K	84	105	97	95	87	83
1	93	87	109	101	99	91
2	98	96	90	112	104	102
3	97	102	99	93	116	108
4	102	98	104	100	94	118
5	114	104	100	106	102	96
6	89	117	107	103	109	105
7	97	89	117	107	103	109
8	78	98	90	118	108	104
9	104	72	91	84	110	100
10	71	104	72	91	84	110
11	95	70	102	71	89	82
12	91	94	69	101	70	88
Sub-Total	1,213	1,236	1,247	1,282	1,275	1,296
Self Contained*	0	0	0	0	0	0
Out of District	0	0	0	0	0	0
Total	1,213	1,236	1,247	1,282	1,275	1,296

Aggregate Enrollment Projections: 2022-2023 to 2026-2027						
Grade	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
K-5	588	592	599	607	602	598
6-8	264	304	314	328	320	318
9-12	361	340	334	347	353	380
Sub-Total	1,213	1,236	1,247	1,282	1,275	1,296
Self Contained*	0	0	0	0	0	0
Out of District	0	0	0	0	0	0
Total	1,213	1,236	1,247	1,282	1,275	1,296

2021-22 Represents Actual Fall Enrollment

* Represents self-contained 1st-12th grade students

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