

2022-2023 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.



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 2022-23 school year. This report is for the 2022-23 school year and includes the five-year projections through the 2027-28 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 that new housing may add between 239 and 278 new students into the District over the next 10+ years.
- From the 20-year peak in enrollment in the 2004-05 (1,280) school year, the 2022-23 total enrollment had declined **by 2.27% or 29 students to 1,251.**
- [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 2022-23, enrollment came in at 85 students, 20 less students than projected.**
- This year's Kindergarten enrollment generated a survival ratio of 1.3492, lower than the average ratio of the past 10 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 6-8 grade cohorts increased since last year, with the largest increase coming in the 6-8 cohort. From last year's enrollment the 6-8 cohort is had increased by **5.1%** Enrollment in the 9-12 cohort was the only cohort that saw a decrease since last year.
- The market for existing homes has been getting stronger since 2014. Houses in 2022 are projected to have a Median Sales Price of \$340,000, only having an average of 21 days on the market.
- 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 is not projected to increase significantly in 2021 or 2022.
- [Total enrollment is projected](#) to increase to 1,334 through 2027-28, a **6.63% or 83 student increase from 2022-23.**

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 three 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 and one that is created by CDRPC using the 2017-2021 ACS 5-Year Estimates, Public Use Microdata Sample (PUMS). This data provides a localized demographic multiplier for the County of Albany, not including the City of Albany.

All 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 & 1c: 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 Country Club has been approved by the town board and will have 88 single-family units and 166 multi-family units. This development has the potential to alter school enrollment within the District.

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 280 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 2023. 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.

The Village of Voorheesville has also seen consistent development over the past few years. There have been 4 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	88	0	166			
Town of New Scotland	280	0	0	0.622	0.466	0.261
Village of Voorheesville	5	0	11			
Total	373	0	177	232.006	0	46.197

Who Moves Into New Jersey Housing? (2006)

	Single-Family Units	2-4 Unit	5+ Units	Single-Family Units	Multi-Family Units
Town of Guilderland	88	0	166		
Town of New Scotland	280	0	0	0.58	0.13
Village of Voorheesville	5	0	11		
Total	373	0	177	216.34	23.01

By utilizing both the New York and New Jersey demographic multipliers, we can estimate both a high-end and low-end range of potential enrollment increases that could be seen in the District over the next few years resulting from new development. The New York multipliers provided an estimate of .622 School Age Children produced for every single-family residential unit regardless of size. With 373 total single-family units recently constructed or planned, the multiplier projects approximately 232 new school-age children in the future. The 5+ unit multiplier of .261 project an additional 46 school-age students for a total of 278 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 216 new school-age students and applying the multi-family multiplier estimates approximately 23 new school-age children. Combined, the New Jersey multipliers estimate approximately potentially 239 total new school-age children in the District over the next decade.

This year, CDRPC updated the Children Per Housing Type Dataset, derived from the 2017-2021 ACS 5-Year Estimates, Public Use Microdata Sample (PUMS). This data provides a localized demographic multiplier for the County of Albany, not including the City of Albany. It has been estimated that 0.73 children are produced from One-Family Detached Dwellings, 0.04 children are produced from Townhouses/Duplexes, and 0.17 children are produced from apartments. Using the building information that has been provided by the town it is approximated that 294 students could be generated from this demographic multiplier. Approximately 272 children from Single-Family Units and 21 children from apartment complexes.

Demographic Multiplier using PUMS Data

	Single-Family Units	Duplex/ Townhouse	Apartment	Single-Family Units	Duplex/ Townhouse	Apartment
Town of Guilderland	88	0	166			
Town of New Scotland	280	0	0	0.73	0.04	0.12
Village of Voorheesville	5	0	11			
Total	373	0	177	272.29	0	21.24

With all multipliers providing a high-end and low-end range of potential new school-age children, we can estimate new students would be somewhere between 239 and 294 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. 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. 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 2022-23 school year. This report contains school district enrollment projections for the 2023-24 through 2027-28 school years.

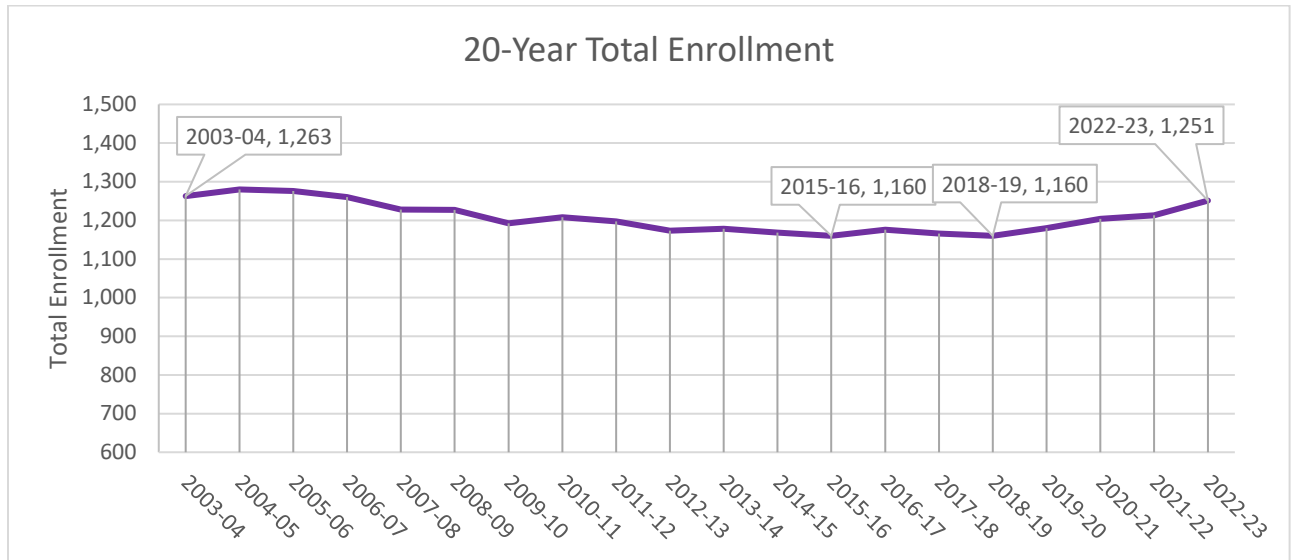
Along with the projection analysis, CDRPC has updated the demographic multiplier analysis the District asked us to perform in 2020. The analysis looked at recently constructed and planned residential units in the District to estimate potential enrollment increases in the coming years. This analysis can 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 Winter of 2023. 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.

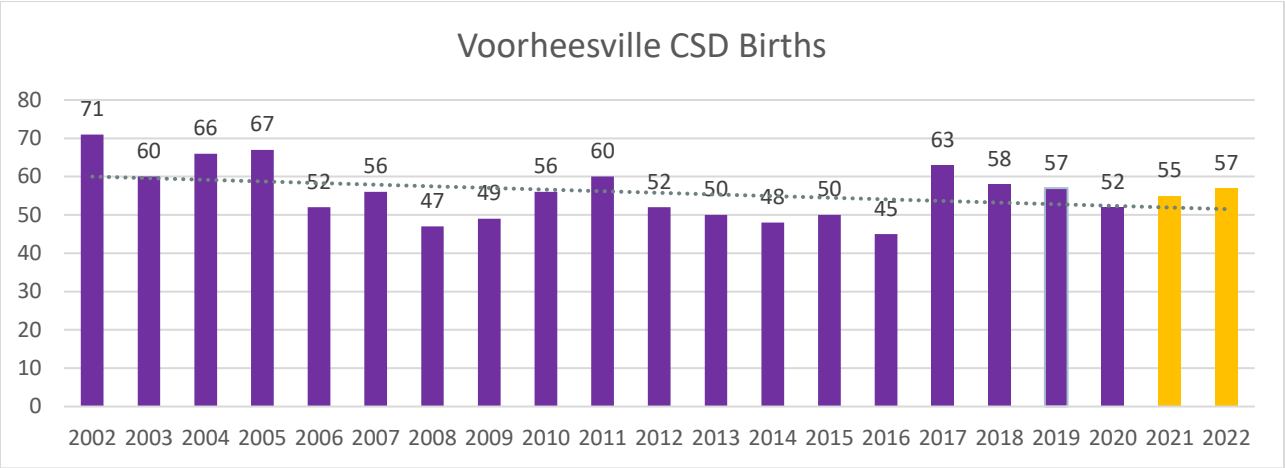
Calculating the Survival Multiplier

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 2020 (Chart 2), which provides CDRPC with a basis for calculating the number of kindergartners through the 2025-26 school year. To project the number of kindergartners in 2025 and 2026, CDRPC estimated the number of births in 2021 and 2022 to be 55 and 57.

Chart 2: Number of Births



NOTE: Births for 2021 and 2022 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 2020, there are now 19 years of data from which patterns and trends can be observed. To complete the projections through the 2027-28 school year, the number of births for 2021 and 2022 needed to be estimated. Births were projected by calculating the averages of the past five years and adjusting for trends.

Over a 19-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 increase slightly in 2021 and 2022 to 55 and 57 from 2019’s total (Table 3).

Despite declining birth trends, enrollment has steadily increased over the past two years. This indicates 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.

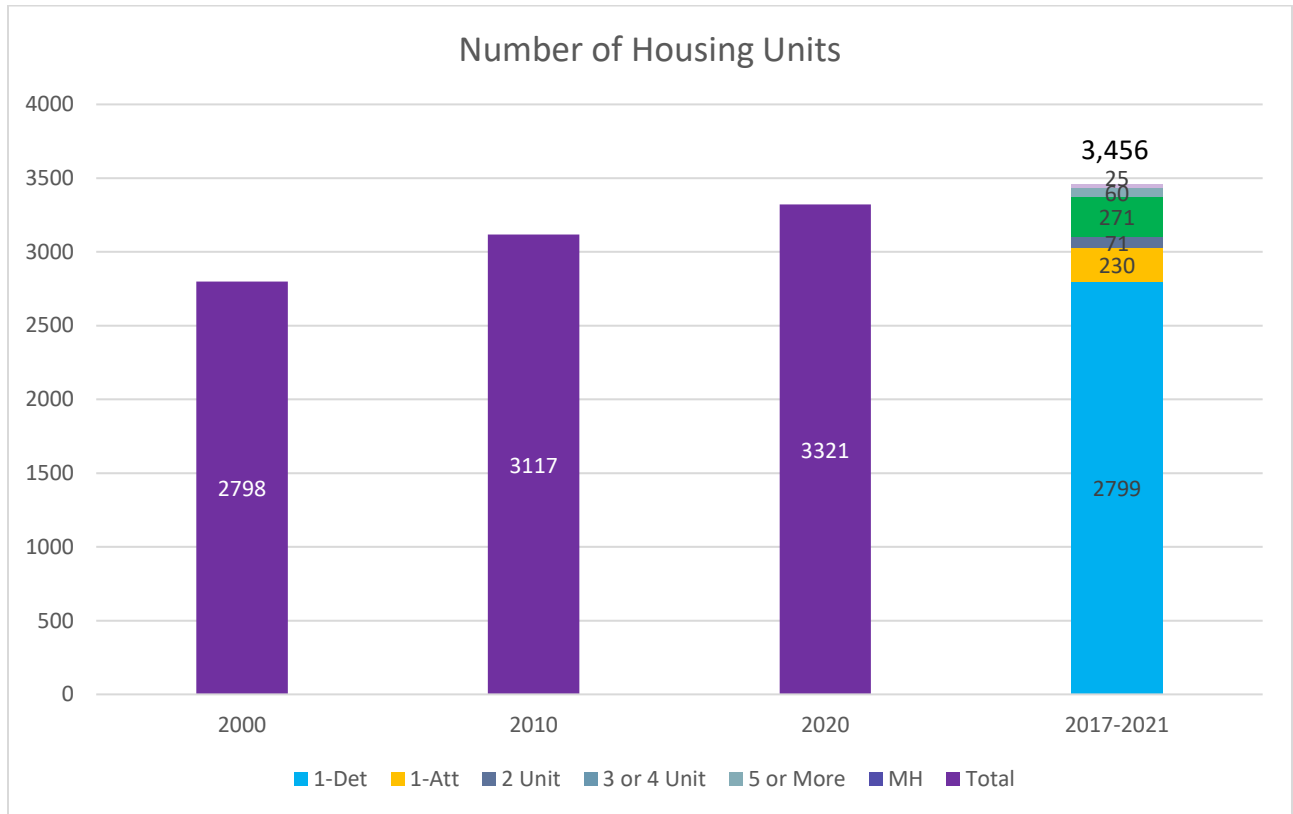
Number of Housing Units, Voorheesville Central School District

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.



FIGURE 1: LE VIE FARM IN NEW SCOTLAND

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



Source: Census 2000, 2010, 2020; 2017-2021 American Community Survey

The 2017-21 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 81% 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.

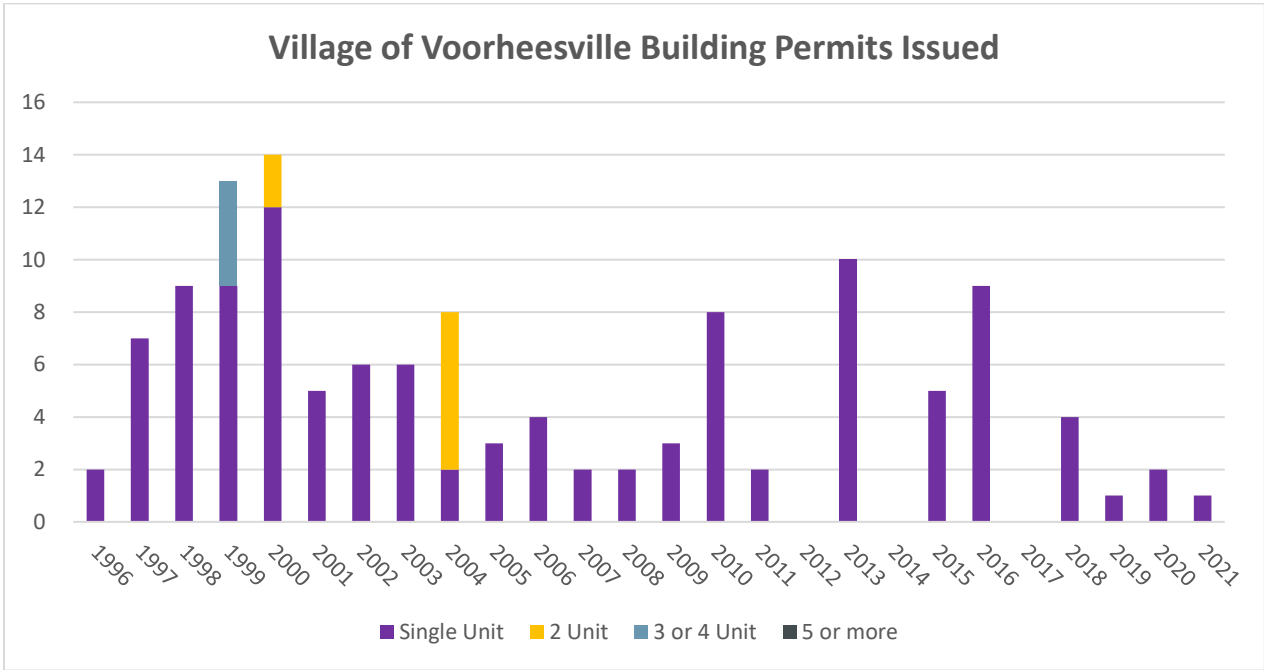
The rate of building permit issuance in the District slowed throughout the 2000s, but has increased through the 2010s. From 1996 to 2008, the three municipalities combined issued 2,010 total building permits. This decreased to 1,575 permits from 2009 to 2021. Single-family units dominate issuance between 1996 and 2021, with approximately 80% of all permits issued being for single-family units. However, multi-family permit issuance became far more prevalent between 2009 and 2020, especially in the Town of Guilderland.

The Town of Guilderland issued the most permits of the three municipalities that make up the District. Since 1996, Guilderland has issued 3,004 total permits with 1,644 issued between 1996 and 2008, and 1,360 between 2009 and 2022. Between 1996 and 2008, 76.6% of permits issued were for single-family units, but this decreased to 45.6% between 2009 and 2021 with slightly more multi-family permits issued in the Town.

New Scotland issued the second most permits since 1996 with 405 total permits issued, 282 between 1997 and 2008, and 170 between 2009 and 2021. 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 1996 with 126 total permits, 81 coming between 1996 and 2008 and 45 between 2009 and 2021. Of the permits issued, 85.2% were for single-family units. Between 2009 and 2020, approximately 77.8% of permits issued were for single-family homes.

Chart 4: Building Permits Issued



Source: U.S. Census Bureau Building Permit Survey

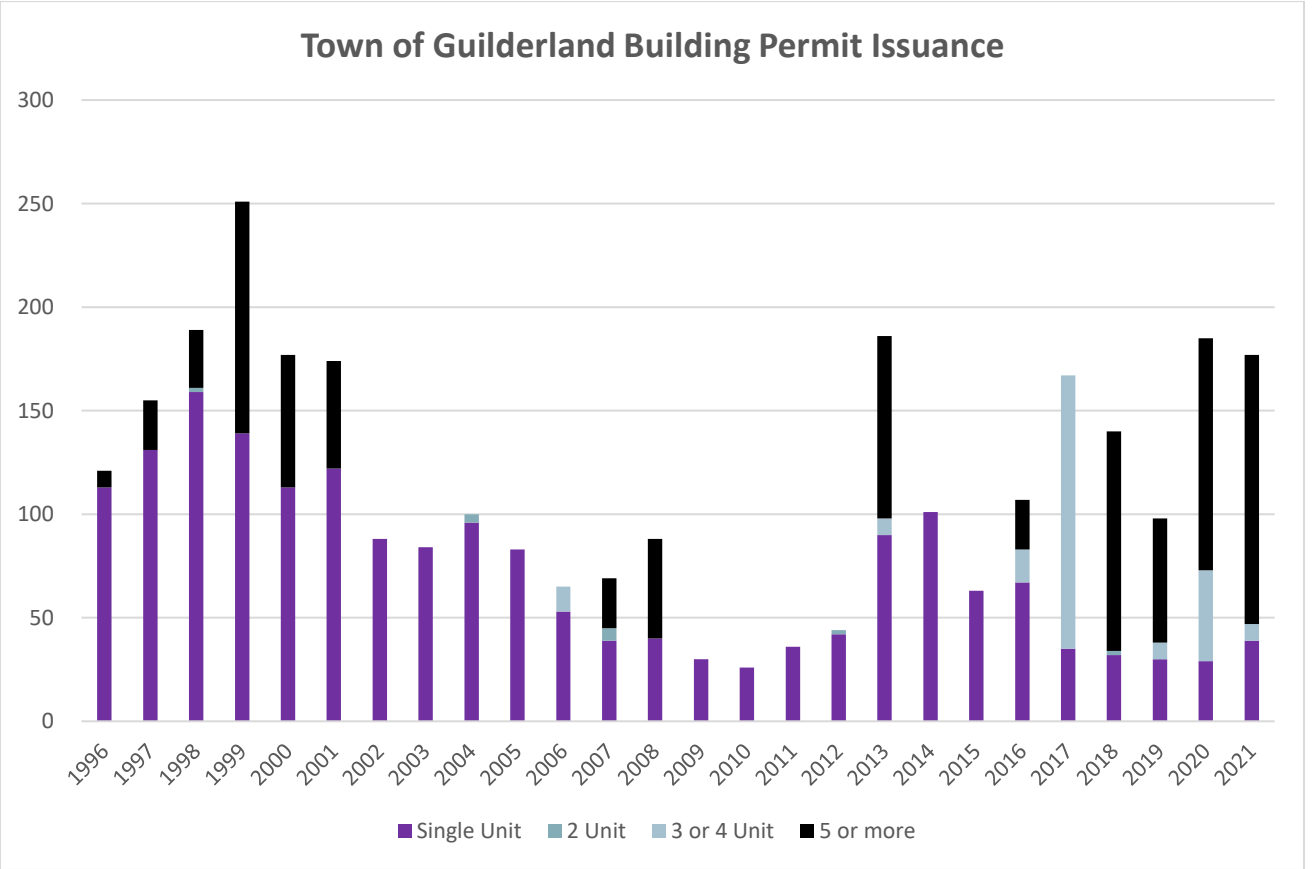
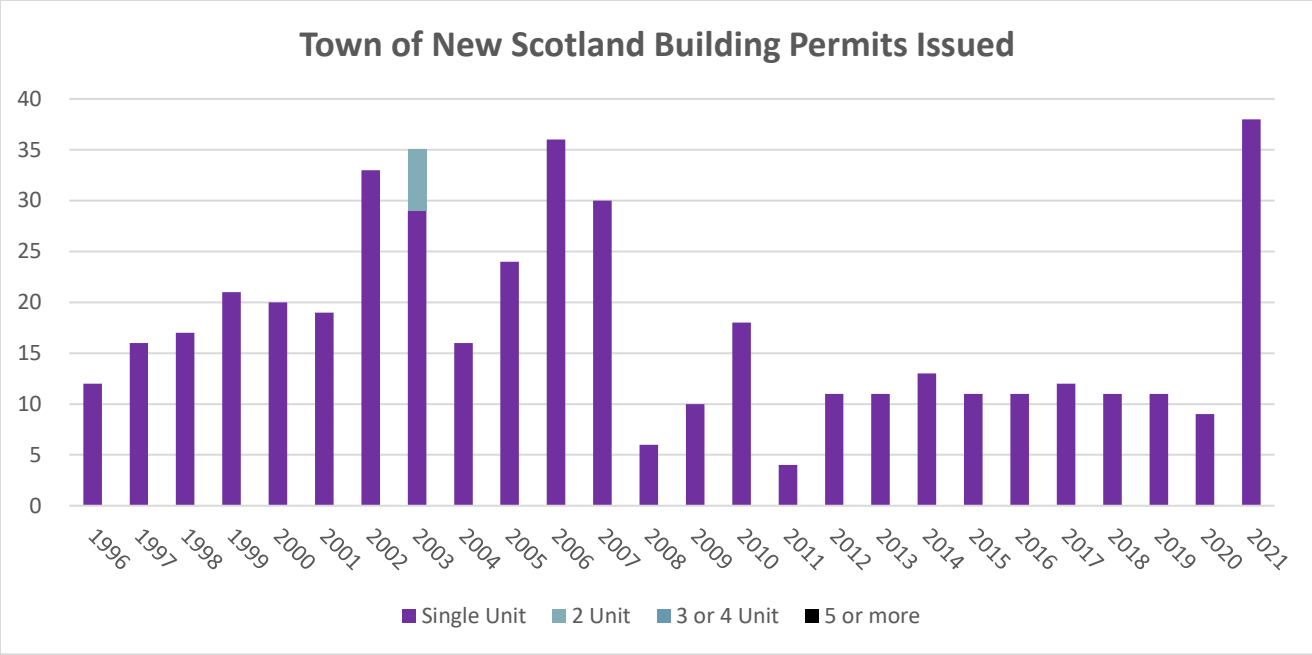


Chart 5: Voorheesville Central School District Home Sales

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 terms of existing-home sales ([Table 6](#)), 108 units are projected to be sold in 2022. Currently there is only 10 months of available data and the number of units sold is 90. We use this information to extrapolate the final number of units sold in 2022. This is slightly less units sold than last year, and the second lowest number of units sold since 2015. After 2014, existing-home sales in the District have consistently reached over 100 sales and have ranged between 108 and 120.

Median sales price had been consistently growing each year from 2014 until 2021 but saw a big jump in 2022. 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 an all time high of \$340,000 in 2022 (as of November 4th 2022) up from \$315,000 in 2021, representing a \$25,000 increase.

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. 2021's DOM was 28 days and projected to be 26 days in 2022, the lowest DOM value since 2014. 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.

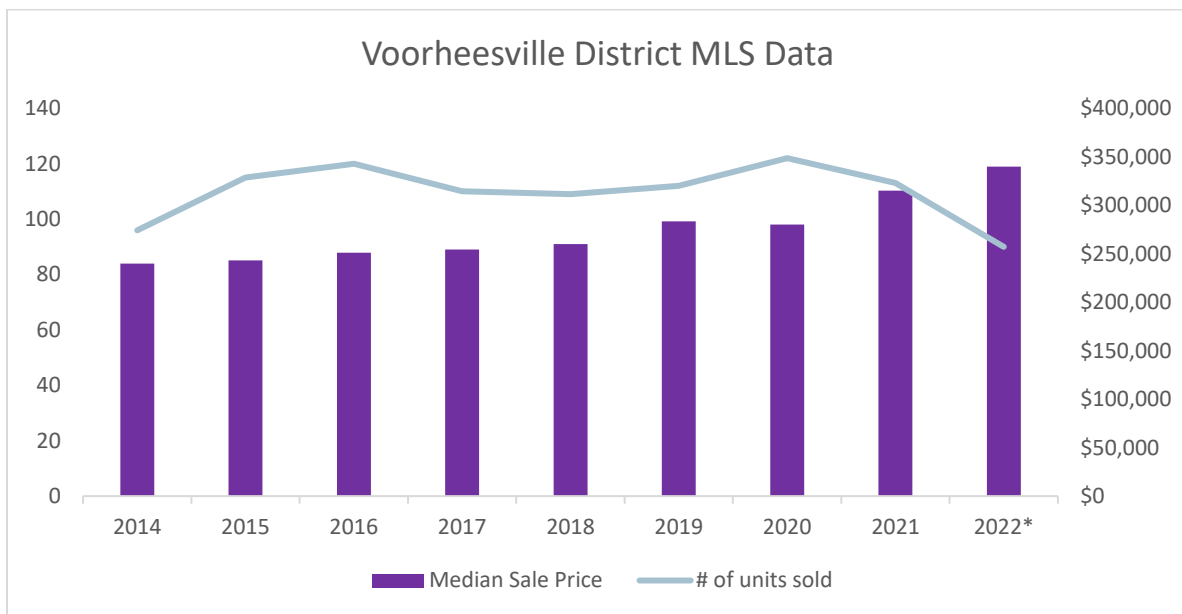


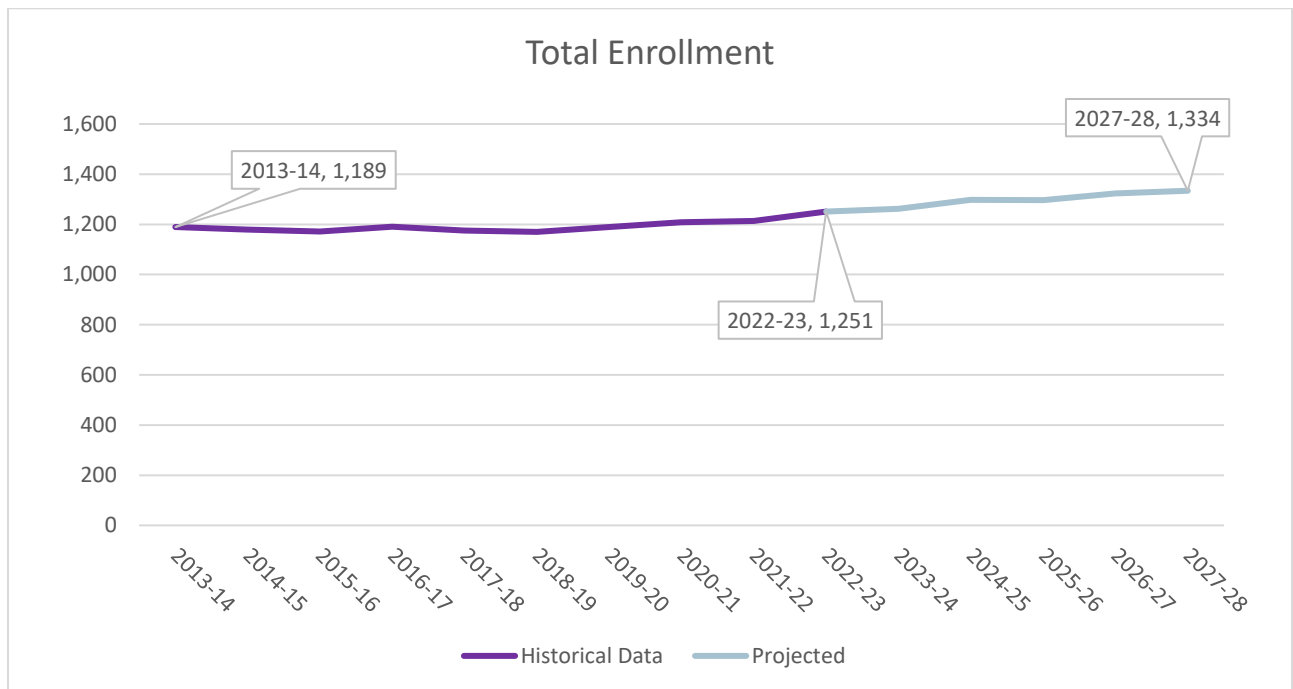
CHART 5: SOURCE, GLOBAL MLS, INC. NOTE, 2022 DATA IS THROUGH NOVEMBER 4TH

Five Year Enrollment Projections

- [Total enrollment is projected](#) to increase to 1,334 through 2027-28, a 6.63% or 83 student increase from the 1,251 students in 2022-23.
- Kindergarten enrollment is projected to fluctuate over the next 5 years but ultimately remain stable, remaining at 85 students in 2027-28.

In Chart 6 below, we have provided an overview of our enrollment projections through the 2027-28 school year. Enrollment is projected to remain flat overall, continuing the recent trend of gradual increase through 2027-28. 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 2021 and 2022 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, 2013-2028

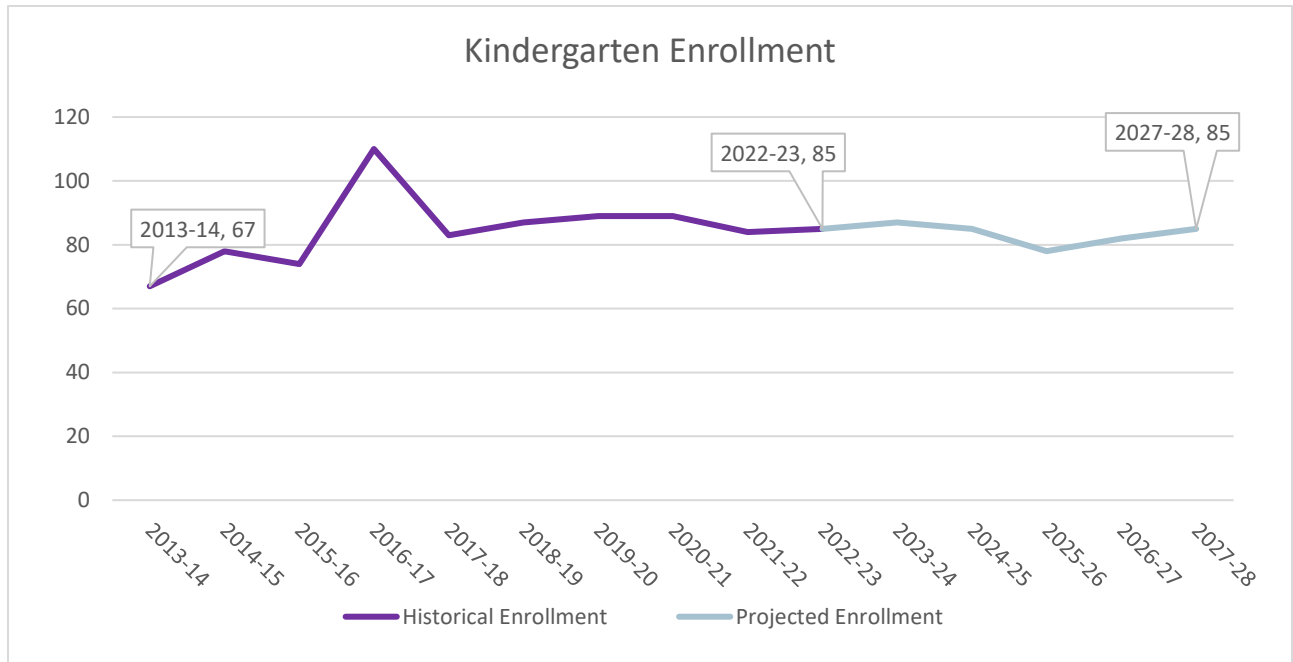


Total enrollment in 2022-23, including self-contained and Out of District students, was 1,251. By the end of the projection period, enrollment is expected to be 1,334 students, an increase of 83 students, or 6.63%, from 2022-23.

Kindergarten Enrollment Projection

Kindergarten enrollment in the District has remained stable after a spike in enrollment in 2016-17. This stability is expected to continue with Kindergarten enrollment projected to be 87 students next year, only a 2-student increase from this year ([Chart 7](#)). In 2027-28 Kindergarten enrollment is projected to be the same number of students as there are this year.

Chart 7: Kindergarten Enrollment with Projections, 2013-2028



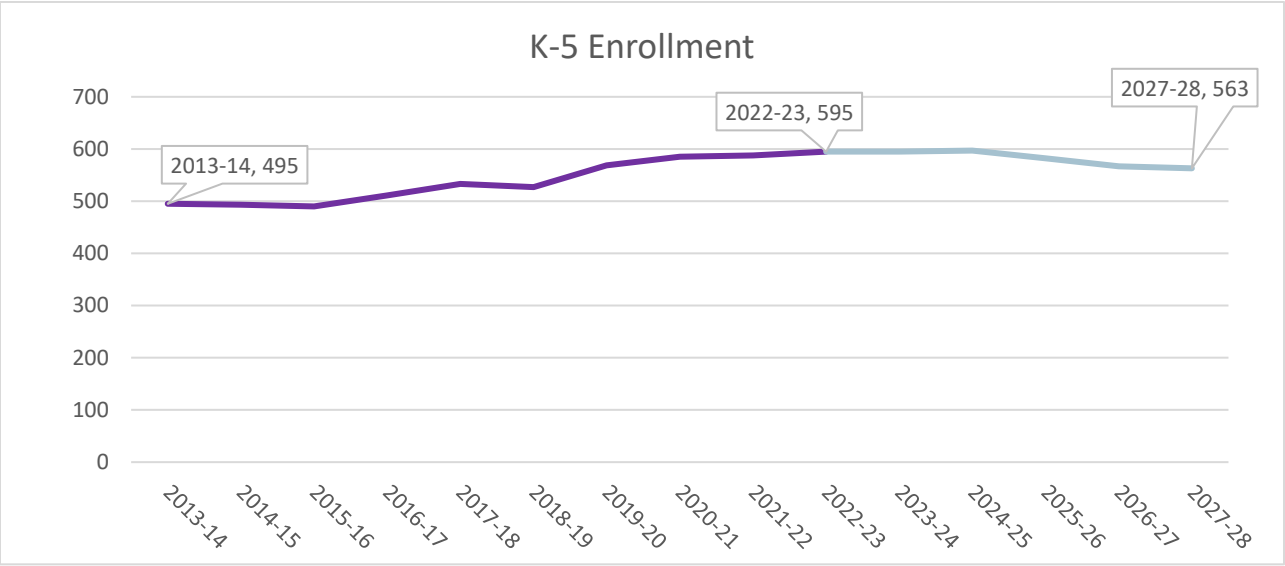
In 2016 the district had 45 births which are far below the average class since 2002. Even with this below-average birth class, Kindergarten enrollment in 2021-22 was very strong with 84 students enrolled. This has been common with Kindergarten enrollment in the District, with more students being enrolled 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 1.3492 has been one of the lower ratios that the district has had, but enrollment remained at a consistent number of students. More kindergarten students are enrolling than were born in the District five years prior, which could indicate more families with young children are moving into the District.

K-5 Enrollment Projection

Enrollment hit a 20-year high of 595 students in 2022-23. From 2022-23 enrollment is projected to increase slightly until 2024-25, reaching 597 students. After that, enrollment is projected to slowly decline and remain stable, reaching 563 students in 2027-28. This represents an overall decrease of 32 students or 5.4% in the cohort.

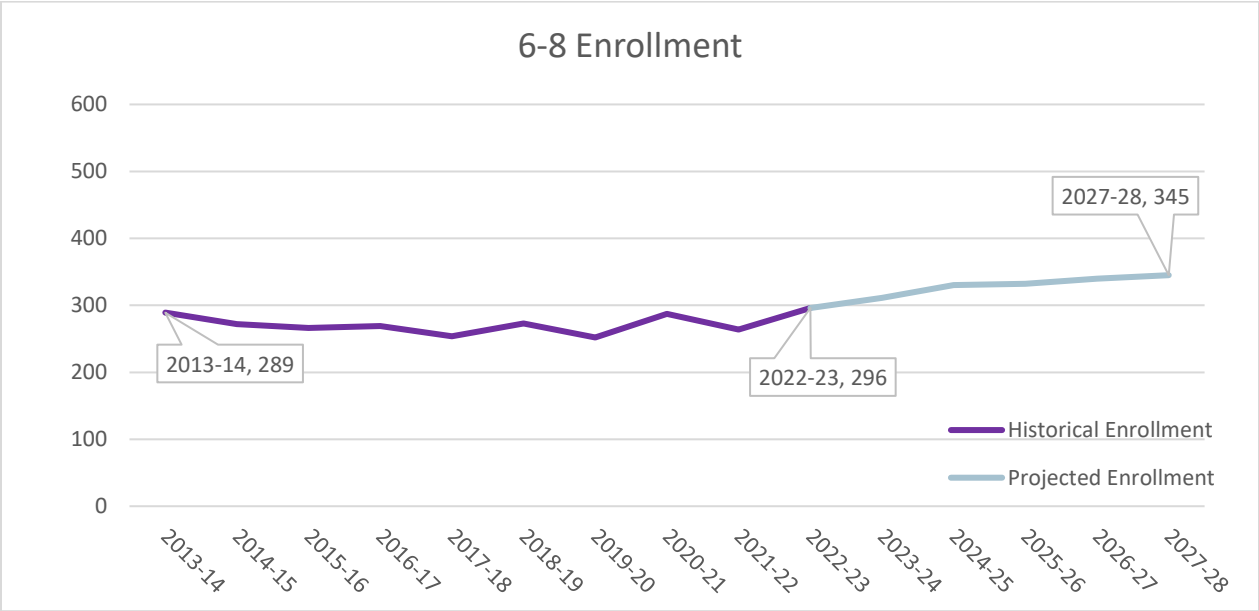
Chart 8: K-5 Enrollment with Projections, 2013-2028



6-8 Enrollment Projection

After a year of increase in 2022-23, enrollment in 6-8 is projected to continue to increase through the 2027-28 school year. The number of students projected by 2027-28 is 345 students, a 49 student or 16.55% increase then the current school year. This growth in the 6-8 cohort is fueled by larger classes that are currently moving through the K-5 cohort and is the second largest projected increase of all the cohorts, behind the 9-12 cohort.

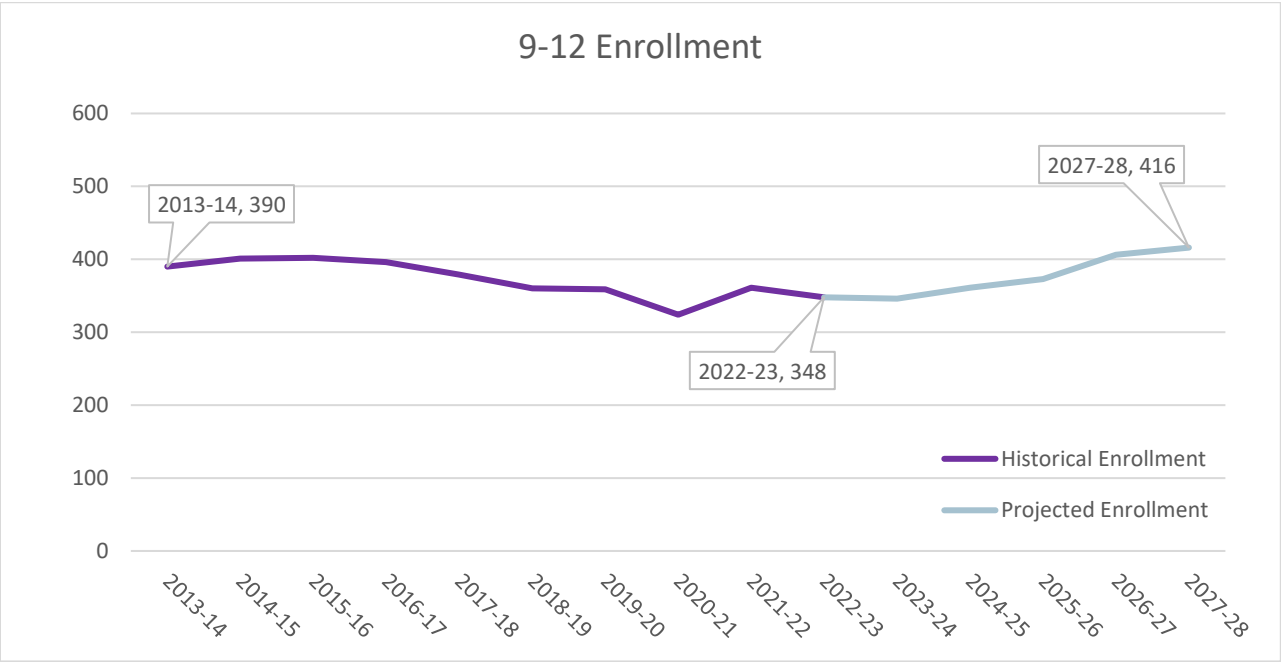
Chart 9: 6-8 Enrollment with Projections, 2013-2028



9-12 Enrollment Projection

Like the other cohorts, the 9-12 cohort is projected to see increases through the 2027-28 school year. After a few years of decline, and a 20-year low of 324 students enrolled in 2020-21, enrollment in the cohort is projected to grow through the end of the projections period. Where enrollment will reach 416 students in 2027-28. This represents a 68 student or 19.5% increase from 2022-23. 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

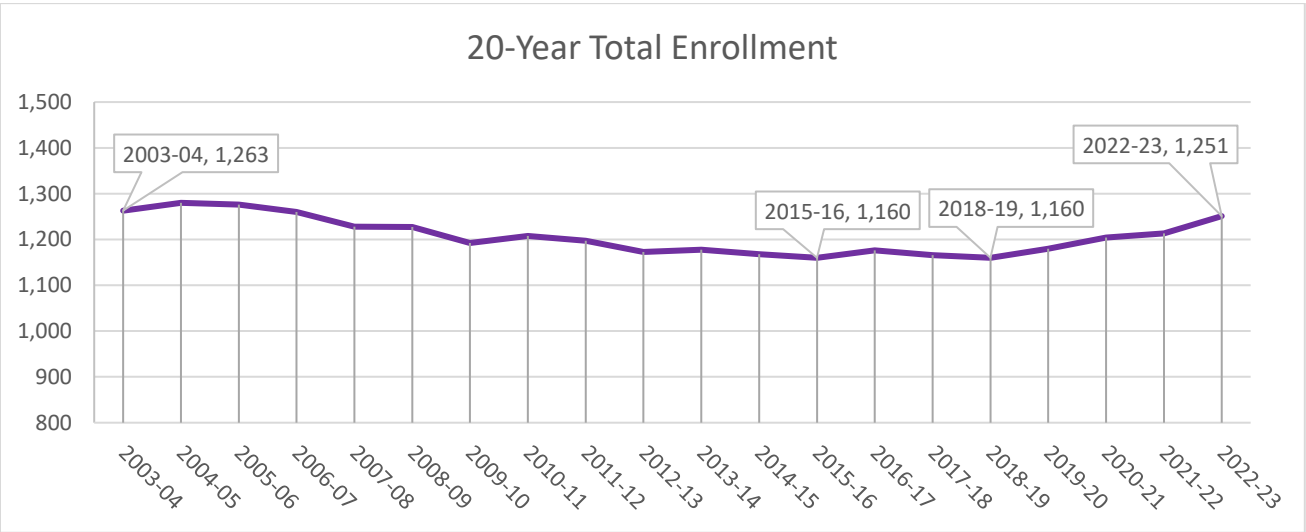


Historic Enrollment Trends

- The District experienced a 20-year enrollment peak in 2003-04 at 1,263 students
- Enrollment for 2022-23 has decreased by 12 students or 0.95% since 2002-03
- Kindergarten enrollment is 22.73% 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 2018-19. The 20-year enrollment peak for the District occurred in 2003-04. After this peak year, enrollment slowly declined through 2018-19 where it hit a low of 1,160. After hitting this low, enrollment began a slight resurgence and has continued to increase. 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 1,160 and 1,263 over the past 20 years, a sign of overall stability in the District.

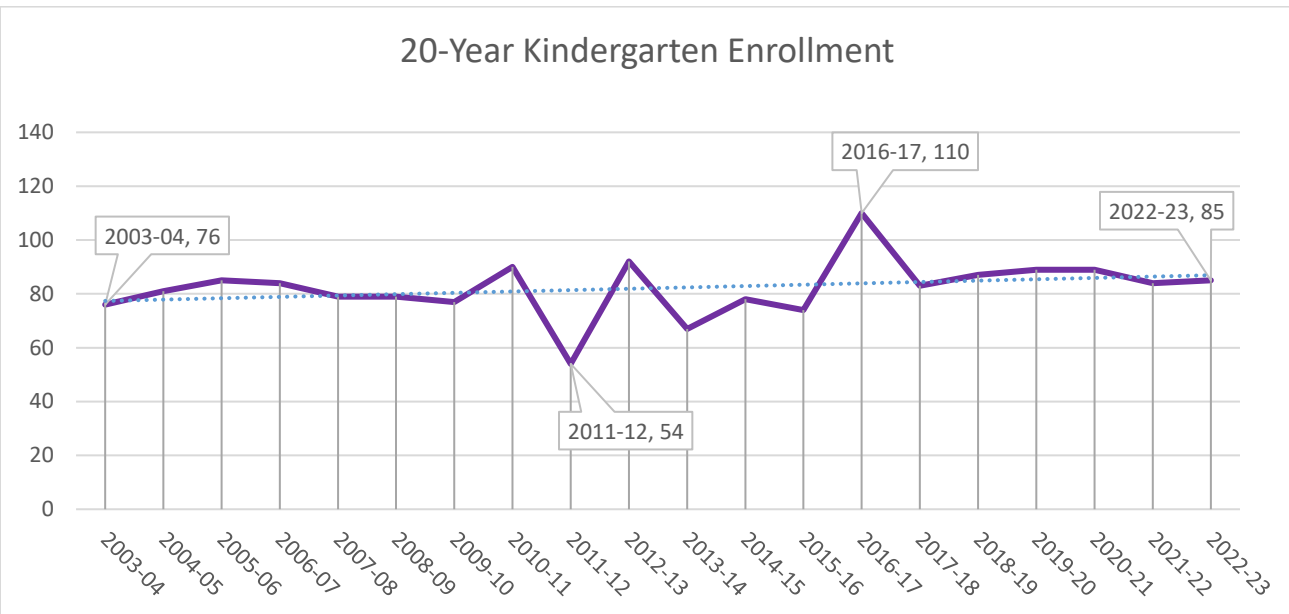
Chart 11. 20-Year Total Enrollment



Kindergarten Enrollment

Kindergarten enrollment has been steadily increasing over the past 20 years, but has seen a lot of fluctuation in recent years. Starting with 76 students in 2003-04, 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 five years, reaching 85 students in 2022-23. 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.

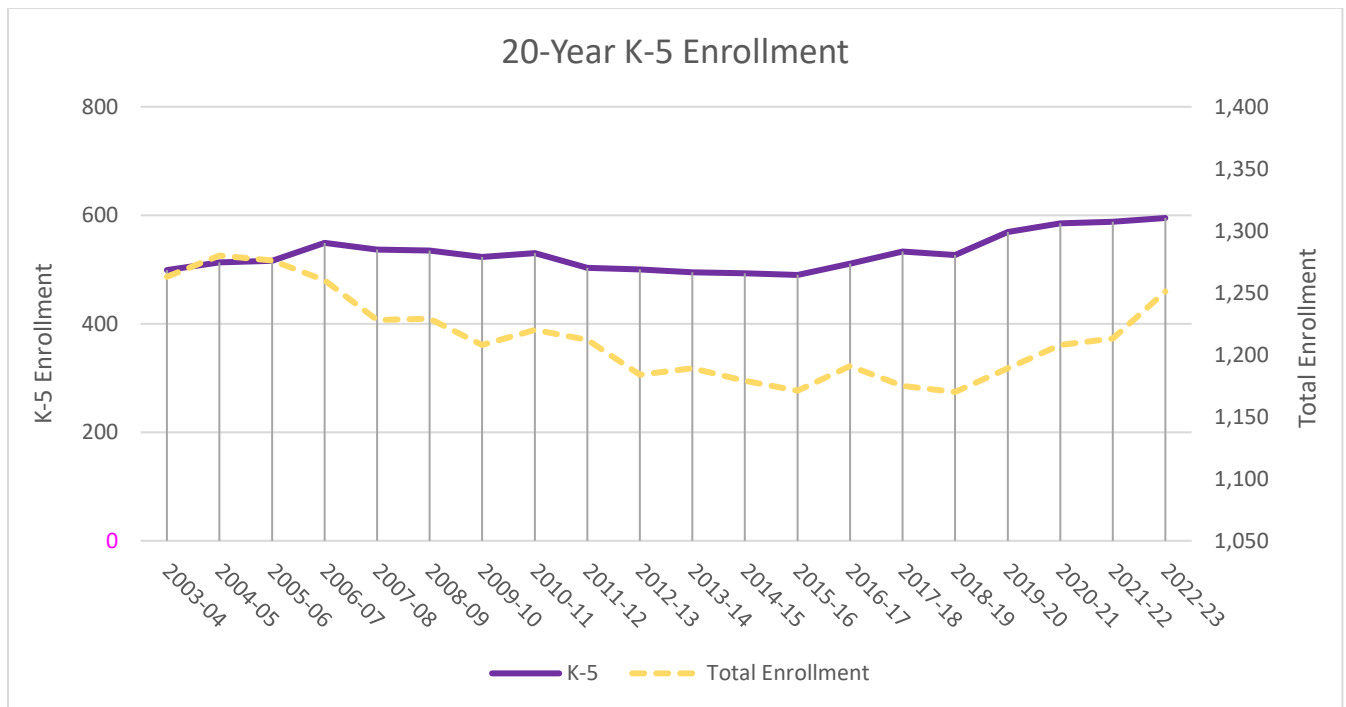
Chart 12. 20-Year Kindergarten Enrollment



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 2003-04 with 499 students and 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 595 students. This year’s high represents a 105 student or a 19.24% increase from the cohort’s starting point of 499 in 2003-04.

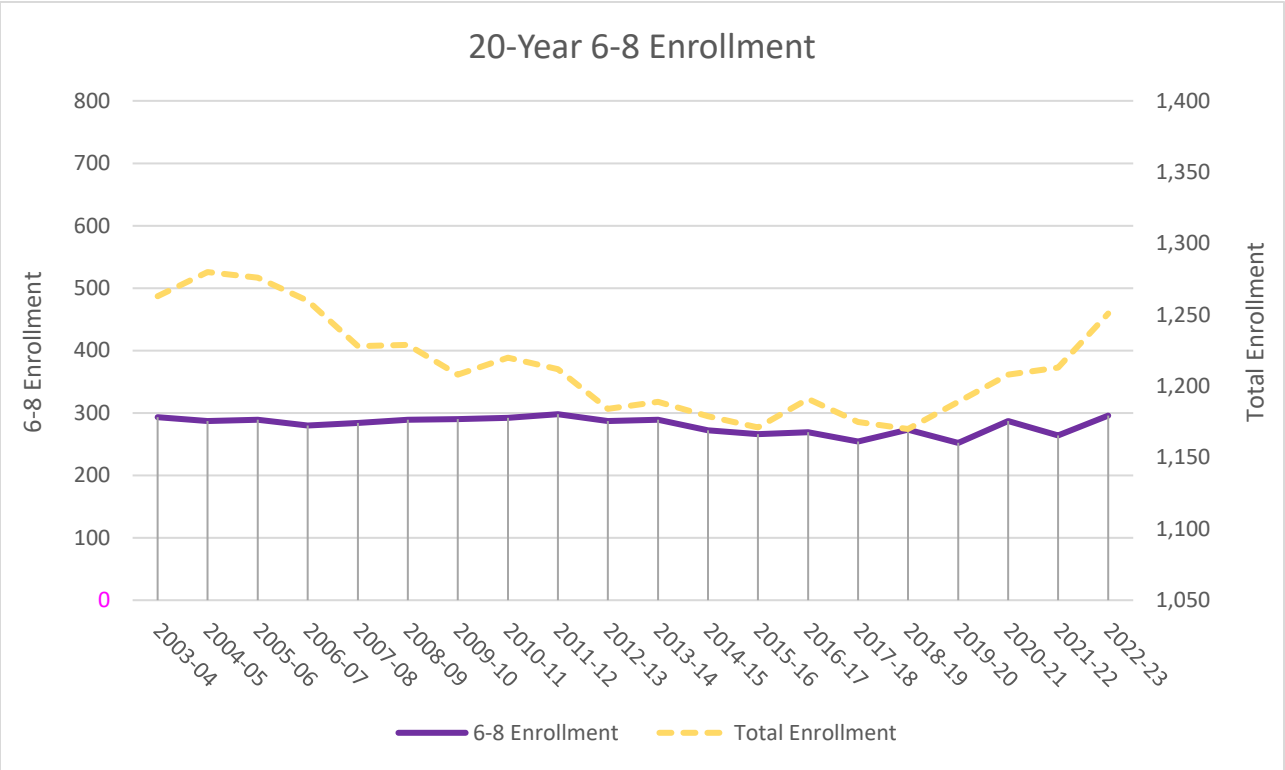
Chart 13. 20-Year K-5 Enrollment



6-8 Enrollment

The 6-8 enrollment cohort has been stable over the past 20 years. 6-8 enrollment started in 2003-04 with 293 students in the cohort. Enrollment has remained under 300 since the 2003-04 school year, with 252 students being the 20-year low in 2019-20. Enrollment has fluctuated in recent years but is 296 students in the 2022-23 school year. This represents a 2 student or 0.67% decrease from the 20-year high.

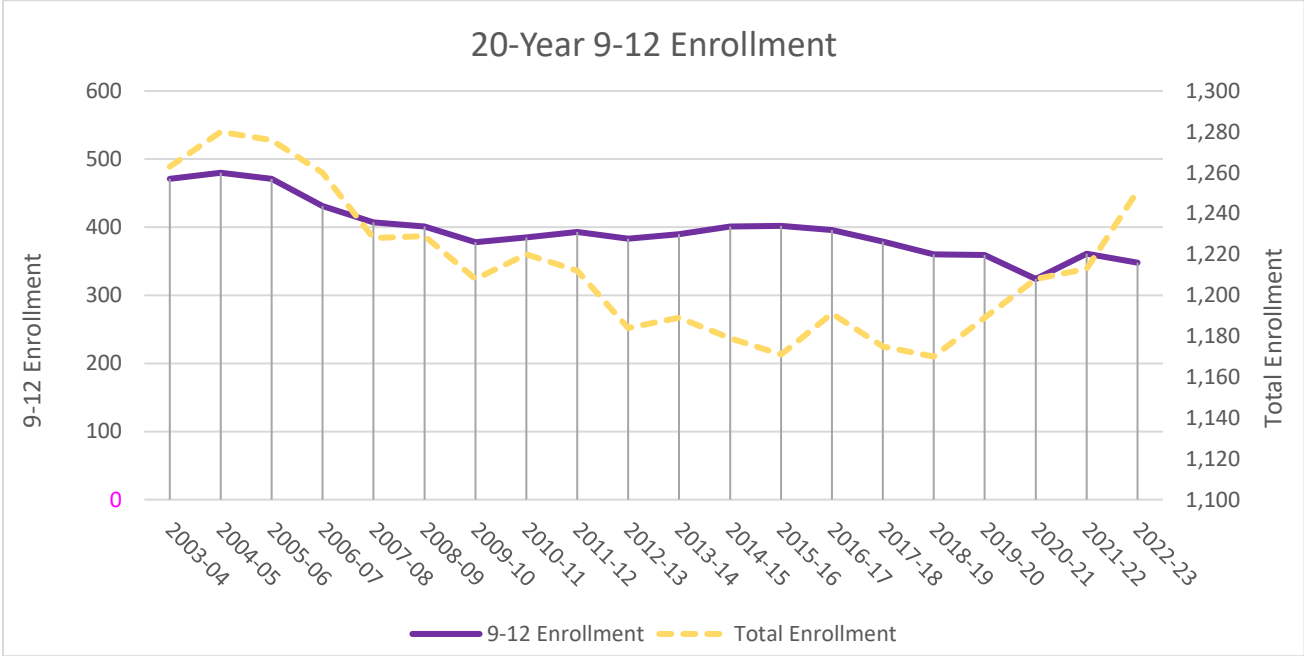
Chart 14. 20-Year 6-8 Enrollment



9-12 Enrollment

The 9-12 cohort has been decreasing over the past 20 years. Starting with 471 students in the cohort in 2003-04, enrollment grew through 2004-05 where enrollment reached a 20-year high of 480 students. 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 in 2020-21. Enrollment bounced back in the 2021-22 school, reaching 361 students but has decreased to 348 this year. This represents a decline of 132 students or a 27.5% 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 1,334 students by 2027-28 up from this year's enrollment of 1,251 students. New single-family builds in the Town of Guilderland and Town of New Scotland could have the potential to increase the number of school aged children in the District in future years. Additionally, existing housing market in the District continues to remain healthy, which could 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.

Appendix A: Status of Single-Family Subdivisions

Appendix A

TABLE 1

Status of Approved Major Single-Family Subdivisions

Subdivision Name	Total Number Planned	Complete/ Underway	2022	2023	2024	2025	2026
Town of Guilderland							
Albany County Club	88	—	—	—	—	—	—
<i>Sub-total</i>	88	—	—	—	—	—	—
Town of New Scotland							
Various Single Family Units							
Biemacki	12	10					
Charlew	18	5					
Amedore	40	39					
Barbara Homes	16	3					
Masullo (Kensington Woods)	169	54	—	—	—	—	—
<i>Sub-total</i>	280	111	—	—	—	—	—
Village of Voorheesville							
Single-Family Dwellings	1	4	-	-			
<i>Sub-total</i>	1	4	—	—	—	—	—
School District Sub Total	369	115	—	—	—	—	—

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	2022	2023	2024	2025	2026	2027	2028
Town of Guilderland									
Albany County Club	166	—	—	—	—	—	—	—	—
<i>Sub-total</i>	166	—	—	—	—	—	—	—	—
Town of New Scotland									
-	—	—	—	—	—	—	—	—	—
<i>Sub-total</i>	—	—	—	—	—	—	—	—	—
Village of Voorheesville									
Apartment Complex	11	—	—	—	11	—	—	—	—
<i>Sub-total</i>	11	—	—	—	11	—	—	—	—
School District Sub Total	177	—	—	—	11	—	—	—	—

Appendix: Data Tables

Table 1: Historic School Enrollment, 2003 – 2023

TABLE 1
Voorheesville Central School District
Historical School Enrollment : 2003-2004 to 2022-2023

	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	2022-23
K	76	81	85	84	79	79	77	90	54	92	67	78	74	110	83	87	89	89	84	85
1	90	91	82	94	87	84	85	83	97	58	94	65	78	81	108	90	90	94	93	95
2	76	87	94	88	92	91	83	86	83	98	64	96	66	80	85	108	96	94	98	103
3	77	83	89	98	89	89	91	87	88	82	103	66	105	66	84	88	110	102	97	106
4	86	82	87	92	98	92	100	95	93	90	86	101	66	108	66	86	90	113	102	99
5	94	89	79	93	92	100	95	93	93	90	81	87	101	66	107	68	94	93	114	107
6	87	98	94	87	100	99	94	95	98	97	93	82	88	99	67	107	78	98	89	114
7	96	87	102	96	86	103	98	96	96	99	95	96	81	90	96	69	108	77	97	87
8	110	102	93	97	98	87	98	101	104	91	101	94	97	80	91	97	66	112	78	95
9	123	118	104	91	98	103	87	99	104	99	96	109	100	95	79	88	101	66	104	78
10	120	125	117	103	89	99	102	87	100	101	98	96	109	101	97	78	88	99	71	104
11	117	122	126	120	103	94	100	103	87	97	103	97	97	104	99	95	77	84	95	72
12	111	115	124	117	117	105	89	96	102	86	93	99	96	96	104	99	93	75	91	94
Self Contained	0	0	0	0	0	2	1	1	3	3	4	2	2	0	0	0	0	0	0	12
Out of District	0	0	0	0	0	2	16	12	15	11	11	11	11	15	9	10	9	4	0	0
Total	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	1,251

Source: NYS Dept. of Education BEDS Data

Table 2: Aggregate School Enrollment, 2003 – 2023

TABLE 2
Voorheesville Central School District
Aggregate School Enrollment : 2003-2004 to 2022-2023

	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	2022-23
K-5	499	513	516	549	537	535	523	530	503	500	495	493	490	511	533	527	569	585	588	595
6-8	293	287	289	280	284	289	290	292	298	287	289	272	266	269	254	273	252	287	264	296
9 - 12	471	480	471	431	407	401	378	385	393	383	390	401	402	396	379	360	359	324	361	348
Self Contained	0	0	0	0	0	2	1	1	3	3	4	2	2	0	0	0	0	8	0	12
Out of District	0	0	0	0	0	2	16	12	15	11	11	11	11	15	9	10	9	4	4	0
Total	1,263	1,280	1,276	1,250	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	1,251

Source: NYS Dept. of Education BEDS Data

Table 3: School District Births

TABLE 3 School District Births Voorheesville Central School District				
Year of Birth	Number of Births	Year to Enter Kindergarten	Kindergarten Students	Survival Ratio
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	85	1.3492
2018	58	2023-24	87	1.4987
2019	57	2024-25	85	1.4987
2020	52	2025-26	78	1.4987
2021	55	2026-27	82	1.4987
2022	57	2027-28	85	1.4987

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
2017-2021	2,799	230	71	271	60	25	3,456
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; 2017-21 American Community Survey B25024 accessed through American Fact Finder

Table 5: Building Permits

<p style="text-align: center;">TABLE 5 Building Permit Issuances</p> <p style="text-align: center;">Voorheesville</p>					
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
2021	1	0	0	0	1

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
2021	38	0	0	0	38

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
2021	39	0	8	130	177

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	113	\$315,000	28
2022*	90	\$340,000	21

*Represents January 1st through November 4th, 2022

Source: Global MLS, Inc

Table 7: Enrollment Projections, 2023 – 2028

TABLE 7
Voorheesville Central School District
Enrollment Projections: 2023-2024 to 2027-2028

Grade	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
K	85	87	85	78	82	85
1	95	91	93	91	83	88
2	103	98	94	96	94	86
3	106	108	102	98	100	98
4	99	108	110	104	100	102
5	107	103	113	115	108	104
6	114	110	106	116	118	111
7	87	114	110	106	116	118
8	95	87	114	110	106	116
9	78	95	87	114	110	106
10	104	78	96	88	115	111
11	72	102	77	95	87	113
12	94	71	101	76	94	86
Sub-Total	1,239	1,252	1,288	1,287	1,313	1,324
Self Contained*	12	10	10	10	10	10
Out of District	0	0	0	0	0	0
Total	1,251	1,262	1,298	1,297	1,323	1,334

Aggregate Enrollment Projections: 2023-2024 to 2027-2028						
Grade	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
K-5	595	595	597	582	567	563
6-8	296	311	330	332	340	345
9-12	348	346	361	373	406	416
Sub-Total	1,239	1,252	1,288	1,287	1,313	1,324
Self Contained*	12	10	10	10	10	10
Out of District	0	0	0	0	0	0
Total	1,251	1,262	1,298	1,297	1,323	1,334

2022-23 Represents Actual Fall Enrollment

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

References

E. (2017). Who Moves Into New York Housing? Retrieved from <https://econsultsolutions.com/wp-content/uploads/2018/04/NY.pdf>

Listokin, D., Voicu, I., Dolphin, W., & Camp, M. (2006). Who Lives in New Jersey Housing. Retrieved from <https://bloustein.rutgers.edu/wp-content/uploads/2015/03/NJDM.pdf>

