

LONG RANGE PLANNING STUDY

NORTH SALEM

CENTRAL SCHOOL DISTRICT

2023 - 24

UPDATE

*A Service of Western Suffolk BOCES
Division of Instructional Support Services
Office of School Planning & Research*

North Salem Central School District

Long Range Planning Study Update Demographic and Enrollment Analysis 2023-24

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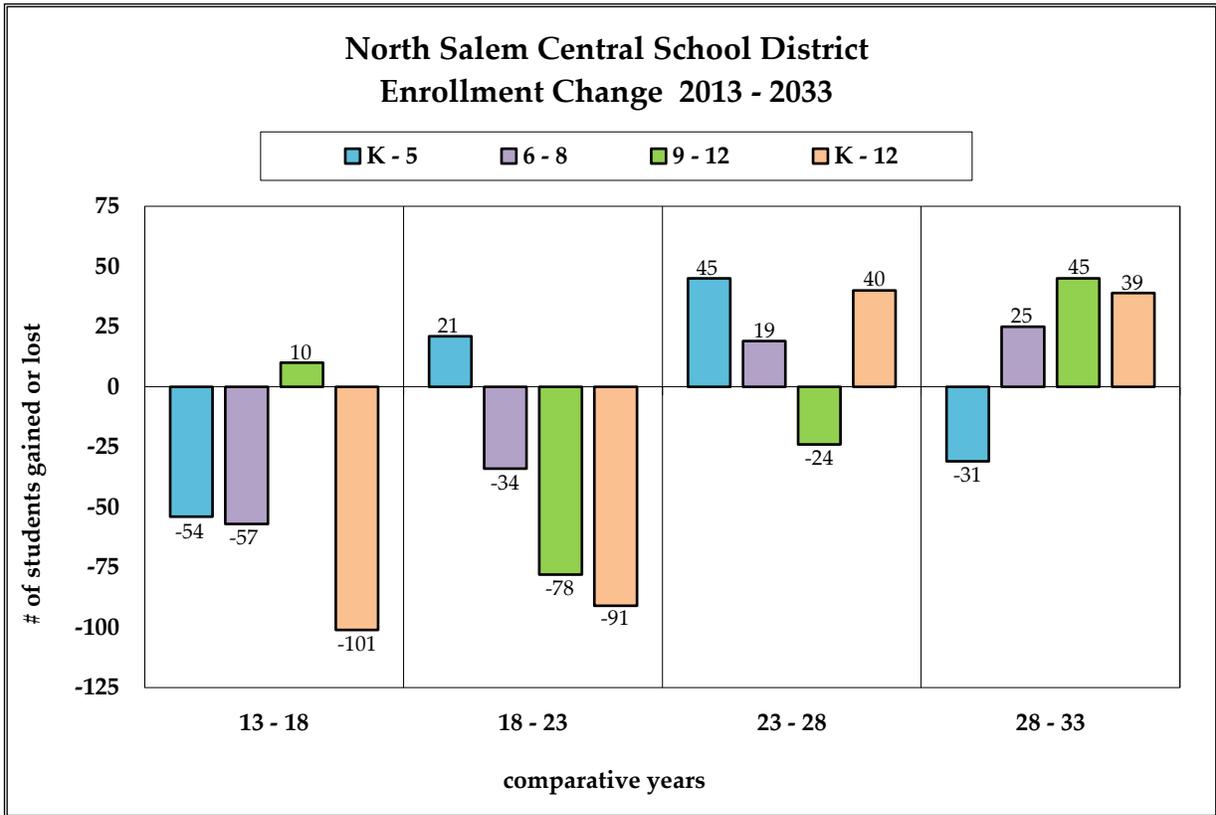
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The North Salem Central School District has shown an overall loss of 192 students, or 16.5 percent, between 2013 and 2023, with decreases recorded in all grade configurations. During the first half of the projection period, the elementary (K - 5) and middle (6 - 8) grade configurations are expected to gain students, while the high school (9 - 12) grades are forecasted to lose students. During the latter half of the projection period, the elementary grades are forecasted to lose students, while the middle and high school grades are anticipated to gain students. The projected 2033 enrollment of 1,051 students represents a gain of 79 students, or 8.1 percent, when compared to the current enrollment.

INTRODUCTION

At the request of the North Salem Central School District, the Western Suffolk BOCES Office of School Planning and Research conducted this study to evaluate recent demographic influences and enrollment trends in order to prepare projections through the year 2033.

The North Salem Central School District is dedicated to meeting the educational needs of its students. The continued monitoring of enrollment trends will give the district the necessary data to consider a variety of educational issues. The foundation for this study is in keeping with the promotion of the basic district mission and philosophy.

The Board of Education and the Superintendent's efforts to plan for the future through sound management practices is fostered by comprehensive, objective data, such as contained within this Long Range Planning Study Update. This study serves to provide objective data that the Board of Education and administration can use in planning for the future. Planning is, however, a dynamic process that needs to reflect change. Periodic updates allow the incorporation of subtle changes in district trends. This study provides an update to the demographic and enrollment study prepared for the district during the 2022-23 school year.

Barbara Graziano, School Planning Manager, oversaw all aspects of the study and served as principal researcher. Shu-ling Liu, Research Analyst, served as analyst and forecaster. Maile Beatty, Program Specialist, prepared the report. Denise Facilla, Educational Planning Assistant, provided research assistance and prepared the report for printing.

Dr. Duncan A. Wilson, Superintendent of Schools, provided access to district records. Eric M. Stark, Director of Business Administration, and Kimber-Lee Maston, Secretary to School Administrator, compiled the necessary data for the study and acted as district liaisons, thus enabling the study to accomplish its objectives.

Additionally, selected references and resources were used, as indicated below:

Center for Immigration Studies

Kearney, M.S., Levine, L.P. (2022). The Puzzle of Falling Births Since the Great Recession.

Journal of Economic Perspectives, Vol. 36 (1), 151-176

The State of The Nation's Housing 2023,

Joint Center for Housing Studies of Harvard University

Migration Policy Institute

National Alliance for Public Charter Schools

National Association of Realtors

National Catholic Educational Association

National Center for Education Statistics

National Center for Health Statistics, National Vital Statistics System

New York Charter Schools Association

New York State Association of Realtors

New York State Department of Health

New York State Education Department

New York State Office of Real Property Services

Pew Research Center

The Wall Street Journal

Town of North Salem Planning Department

Town of Somers Planning Department

Town of Southeast Planning Department

United States Census Bureau

United States Customs and Border Patrol

United States Department of Education

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ENROLLMENT: PAST, PRESENT & FUTURE

Changes in school enrollment occur due to fluctuations in the number of children being born, the number of families moving into a community and/or the number of children attending non-public or charter schools. The North Salem Central School District enrollment is expected to increase slightly during the projection period 2024 - 2033. This slight increase is accounted for by larger kindergarten cohorts and housing factors in the district.

A. BIRTHS

Provisional data released by the *National Center for Health Statistics* shows there were 3,661,220 births recorded in 2022; this represents a nonsignificant decline from 2021. According to the *CDC (Center for Disease Control and Prevention)*, the total number of births and birth rates have experienced a general decline since 2007. There were 655,013 fewer annual births in 2022 relative to 2007 - a 15% reduction.

Since the Great Recession (2007 - 2009), lower births have been attributed to several factors, including significant student loan debt and higher housing costs, which led to many young individuals living with their parents longer than they may have otherwise. This has contributed to young adults delaying marriage and childbearing. The percentage of unmarried women has been growing steadily since 1980; the median age at first marriage has grown from 22 years in 1980 to 28.6 years in 2022. According to the most recent data from the *CDC*, the average woman gave birth for the first time at 27.3 years old in 2021, which is an increase compared to 2011 (25.6 years old). However, according to a recent study (*The Puzzle of Falling US Birth Rates since the Great Recession*), the declines may also reflect “broad societal changes that are hard to measure or quantify: possibilities include changing preferences for children, broader career options (and other aspirations) for women, and shifts in the nature of parenting.”

Another factor that has impacted birth rates has been a shift in fertility patterns amongst minority groups. Between 2021 and 2022, fertility rates have declined for Black women (-1 percent), White women (-3 percent) and AIAN (American Indian or Alaska Native) women (-3 percent). In contrast, increases in fertility rates are noted for Asian women (2 percent), Hispanic women (6 percent), and for NHOPI (Native Hawaiian or other Pacific Islander) women (6 percent).

Birth rates were highest for women aged 30 - 34 (97.0 births per 1,000 women) in 2022, followed by women aged 25 - 29 (93.4), and women aged 20 - 24 (60.4). However, the birth rate for teenagers (15 - 19) dropped to a record low of 13.5 (per 1,000 women) in 2022, reflecting a decline of 78 percent when compared to the peak birth rate of 61.8 for this group recorded in 1991.

Consistent with national birth trends, an overall birth decline (17.3 percent) has been recorded in New York State from 2002 - 2022. Figure 1 shows a visual representation of this historical 20-year period. Provisional data for 2022 indicates a slight decrease (-1.5 percent) in births when compared to the prior year, with 207,484 births recorded in 2022.

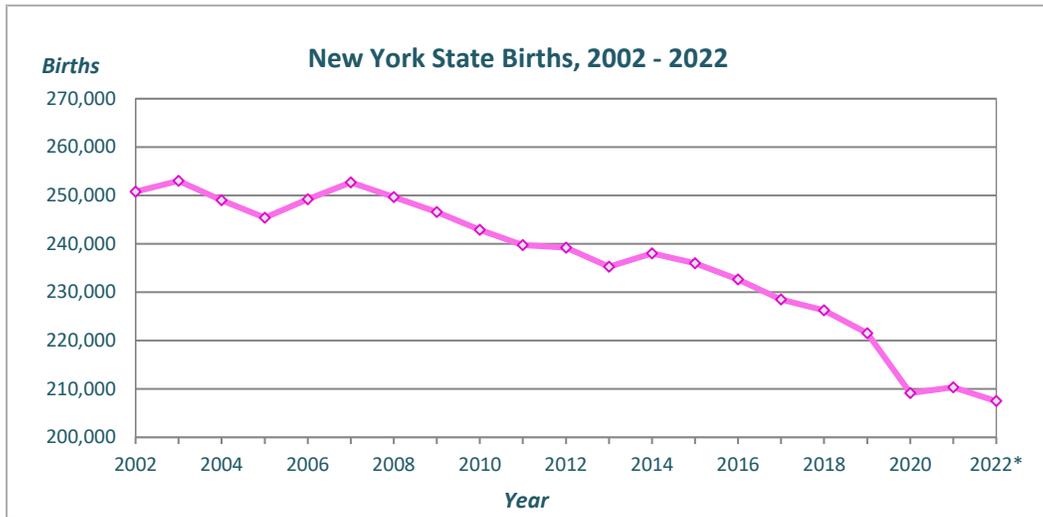


Figure 1 - New York State Births, 2002 - 2022
*2022 data is provisional



Figure 2 - Westchester County Births, 2001 - 2021
Note: 2022 county birth data is not yet available

Figure 2 shows that Westchester County recorded almost 13,000 births in 2001. Since then, births declined more than 21 percent, with slightly more than 10,000 births recorded in 2021. Although this was a slight increase compared to the previous year, the lowest level of this historical period was in 2020, with 9,634 births recorded. County birth data for 2022 has not yet been released.

As shown in Table 1, from 2008 through 2021, the number of births in the North Salem Central School District fluctuated within 41 - 65, with the peak of 65 births recorded in 2013 (district birth data for 2021 is provisional and 2021 data is not yet available).

Table 1 - Births in the North Salem CSD 2008 - 2021

Year	North Salem CSD	Towns of Carmel, North Salem, Somers & Southeast
2008	55	732
2009	63	636
2010	45	636
2011	42	624
2012	43	582
2013	65	604
2014	47	601
2015	47	639
2016	58	637
2017	41	576
2018	51	670
2019	58	618
2020	53	628
2021*	58	n/a

Source: NYS Dept. of Health

Note: 2022 birth data is not yet available

*school district birth data for 2021 is provisional

B. POPULATION

According to *2020 Census* data, there were 331.5 million people living in the United States as of April 2020; this is an increase of 22.7 million people, or 7.4 percent, since the *2010 Census*. This represents the slowest growth for a decennial census since the Great Depression in the 1930s. According to the *Census Bureau*, “Slower population growth has been a trend in the United States for several years, the result of decreasing fertility and net international migration, combined with increasing mortality due to an aging population.” This slower growth rate is also reflected in recently released *Census* estimates, which indicate the population grew by only 0.4 percent from 2021 to 2022.

New York State’s population totaled approximately 20.2 million people as of the *2020 Census*, reflecting a gain of approximately 823,000 people (4.2 percent), when compared to the *2010 Census*. New York is the fourth most populous state in the country, following California (39.5 million people), Texas (29.1 million people) and Florida (21.5 million people). However, recent *Census* estimates (2022) indicate that New York State’s population now totals approximately 19.7 million people, reflecting a loss of more than 520,000 residents (-2.6 percent) since the *2020 Census*. This is the result of a net domestic migration loss of almost 600,000 residents, meaning more residents moved to other states than moved in. In 2022, domestic migration loss has once again been somewhat offset by international migration into the state as COVID-19 travel restrictions to the United States were relaxed towards the end of 2021. Consistent with national trends, the estimated international migration in New York State has surpassed pre-pandemic levels in 2022.

Westchester County’s population totaled more than 1,004,000 people as of the 2020 Census, reflecting a gain of more than 55,000 people, or 5.8 percent, since the 2010 Census. However, recent 2022 Census estimates indicate a loss of more than 14,000 residents (-1.4 percent) since the 2020 Census. Consistent with State trends, this loss was the result of a domestic migration loss of over 19,000 people offset by natural increases and international migration gains. Westchester County ranks seventh in population among New York’s 62 counties.

Based on the *2020 Census*, the Town of Somers recorded a population gain of 5.4 percent, while the Town of Southeast recorded a loss of 1.9 percent between 2010 and 2020. The number of residents in the North Salem Central School District remained stable during the same period, with 7,429 residents living within the district in 2020.

According to *Census Bureau* projections, the year 2030 will mark a “demographic turning point for the United States.” In that year, all baby boomers will be 65 years of age or over and one in five Americans will be of retirement age. It is also projected that by the year 2034, older adults will outnumber children under age 18 for the first time in history.

As shown in Figure 3, the segment of the population 65 years and over in the United States represented 12.4 percent of the total population in 2000; this age segment grew to an estimated 16 percent in 2020 and is expected to grow to more than 23 percent of the total population in 2060. The 45 - 64-year-old age segment is also projected to grow, from 22 percent in 2000 to 24 percent in 2060. However, the percentage of residents under 18 years of age is projected to decrease from approximately 26 percent of the population in 2000 to 20 percent in 2060, while the 18 - 44-year-old age segment is expected to account for nearly 33 percent of residents in 2060, compared to 40 percent in 2000.

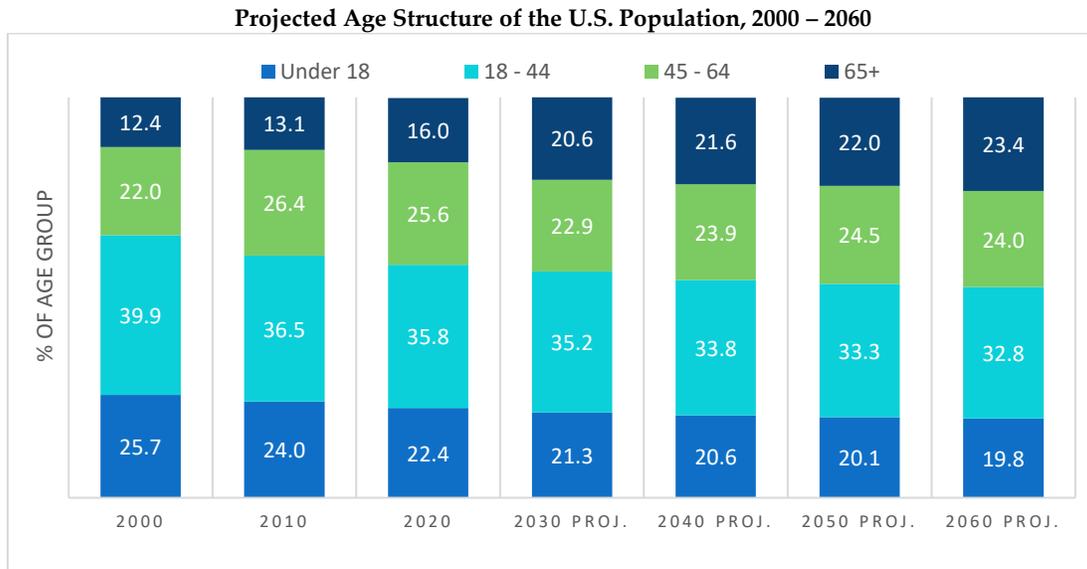


Figure 3 - Projected Age Structure of the U.S. Population
Source: U. S. Census Bureau

The *Census Bureau* indicates that in New York State, between 2010 and 2020, the age 19 years and under segment decreased from approximately 25 to 23 percent of the population; however, during the same period, the segment of residents aged 65 years and older grew from 13.5 to 16.9 percent.

In Westchester County, population trends reflect those of New York State and the nation. The County recorded a decline in the number of residents aged 19 years and under between 2010 and 2020. In 2010, more than 26 percent of the population was of this age; by 2020, this group had shrunk to 24.7 percent. However, there has been a significant increase in the share of the senior (65+) population, growing from 14.7 to 17.4 percent during this period. This trend is reflected in the median age of residents, which has increased from 40.0 years in 2010 to 41.1 years in 2020. This is higher than New York State’s median age (39.0 years) and the nation’s median age (38.8 years).

The age structure of the resident population in the North Salem Central School District has also shifted between 2010 and 2020. The segment of residents aged 19 years or younger decreased from 27.0 to 22.8 percent, while the percentage of residents aged 65+ increased from 15.6 to 22.2 percent.

Immigration remains a large contributor to population growth in the United States. However, international migration was low in 2020 and 2021 due to the COVID pandemic. Travel restrictions were put in place and three-fourths of US consulates abroad, which process visas, were closed through June of 2021. Now that the restrictions have been lifted, preliminary 2022 *Census* estimates indicate that international migration to the United States has rebounded. *According to the Census Bureau, "This is the first time net international migration increased since 2016, marking the largest single-year increase since 2010 – an indication that net migration flows to the United States are on track to return to pre-pandemic levels this year."* Additionally, encounters of migrants occurring at the US-Mexico border recorded by *US Customs and Border Patrol* in fiscal year 2023 (October 01, 2022 - September 30, 2023), reached a new historic high of 2.5 million. While it is impossible to predict where in the US migrants go after they cross the border, data on notices to appear (NTA) in immigration court, which are given to migrants at the border, can be a helpful, if imperfect, indicator. Twice as many NTAs were filed in interior states, such as New York and Illinois, in fiscal year 2023 compared to fiscal year 2022. While the number of NTAs in general has gone up, the rate of increase in these states was much higher than for the nation as a whole.

According to the *2022 American Community Survey*, foreign-born residents in the United States account for almost 14 percent of the total population. It is estimated that half of these immigrants were born in Latin America. Foreign-born residents in New York State represent approximately 23 percent of the total population, while the foreign-born in Westchester County comprise more than 25 percent of the population. Of the foreign-born in Westchester County, 57 percent were born in Latin America. In addition, there has been significant growth in the Asian segment in the United States, New York State and in Westchester County. In 2022, foreign-born residents from Asian countries accounted for approximately 31 percent of the immigrant population in the United States and nearly 30 percent of the foreign-born population in New York State; in Westchester County nearly 18 percent of the immigrant population was born in Asian countries. According to *Census Bureau* estimates, in 2021, the foreign-born comprised approximately 10 percent of the resident population in the North Salem Central School District. (*2022 estimates are not yet available by school district*).

The *Census Bureau* reported that more than 17.6 million children under age 18 lived with at least one foreign-born parent in the United States in 2022; this accounts for approximately 26 percent of children of this age. The five states with the greatest numbers of children under age 18 living with immigrant parents were California (3.7 million), Texas (2.3 million), New York (1.4 million), Florida (1.4 million) and New Jersey (over 792,000).

U.S. Children Living with Native vs. Immigrant Parents



Figure 4 - U.S. Children in Immigrant Families
 Source: U.S. Census Bureau

Recent trends in immigration have contributed to changes in the ethnic structure of the population in the United States. These trends, combined with the projected loss in the White population, due to mortalities as the baby boom cohort reaches the oldest ages, has resulted in an increasingly diverse population.

As shown in Figure 5, nearly 58 percent of the population was White in 2020, down from approximately 64 percent in 2010 and 69 percent in 2000. The White segment is expected to continue decreasing through 2060, while growth is forecasted in each of the racial/ethnic minority groups. By 2060, the combined racial/ethnic minority population is expected to account for approximately 56 percent of the total population, up from 42 percent in 2020. According to the 2020 *Census*, Hispanic individuals were the largest racial/ethnic minority group, comprising nearly 19 percent of the population, followed by Black individuals (12.1 percent), Asian/others (7.3 percent) and those identifying as two or more races (4.1 percent). The Hispanic segment is expected to continue to be the largest racial/ethnic minority group, accounting for approximately 29 percent of the total population by 2060. The population of people identified as two or more races is projected to more than double by 2060, when compared to 2020.

Projected Racial/Ethnic Structure of the U.S. Population, 2010 - 2060

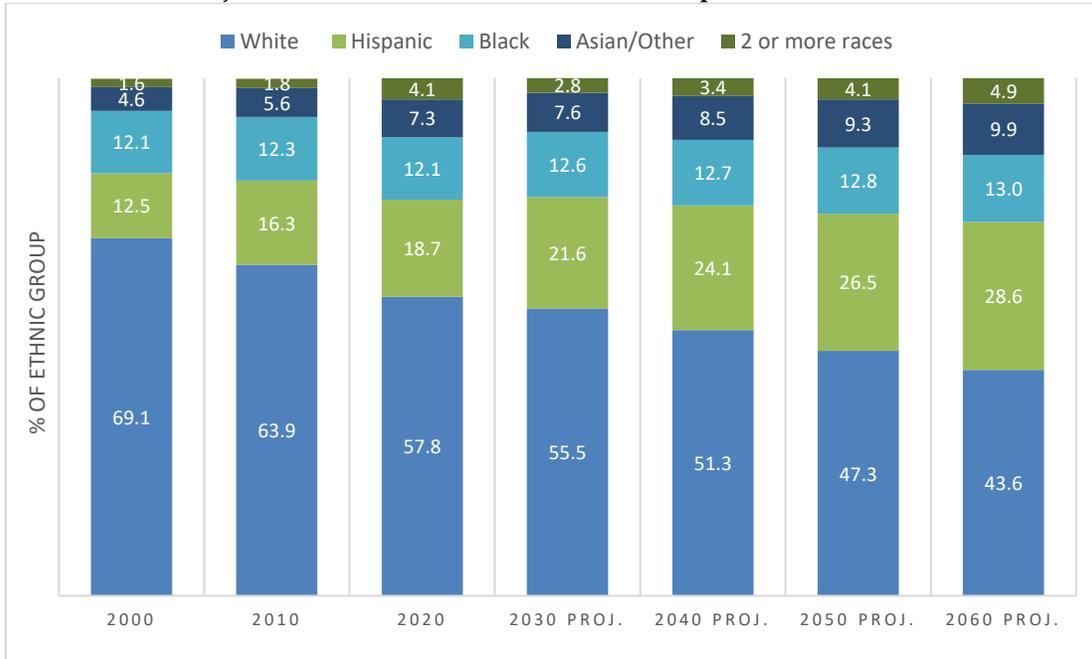


Figure 5 - Projected Racial Structure of the U.S. Population
Source U.S. Census Bureau

The ethnic composition within New York State has shifted between 2010 and 2020. According to 2020 Census data, White individuals comprised approximately 53 percent of the population in 2020, down from 58 percent in 2010, while racial/ethnic minorities comprised approximately 47 percent of State residents. Hispanic individuals are the largest racial/ethnic minority group at nearly 20 percent, followed by Black individuals (13.7 percent), Asian/others (10.8 percent) and those identifying as two or more races (3.6 percent). There are six states that are “majority-minority,” which include California, Hawaii, Maryland, New Mexico, Texas and Nevada.

In Westchester County, White individuals comprised nearly 50 percent of the population in 2020, down from approximately 57 percent in 2010, while racial/ethnic minorities comprised approximately 50 percent of County residents. Hispanic individuals are the largest racial/ethnic minority group at nearly 27 percent, followed by Black individuals (13 percent), Asian/others (7.4 percent) and those identifying as two or more races (3.2 percent).

The ethnic composition of the resident population within the North Salem Central School District has shifted, as well. Between 2010 and 2020, the White population decreased from approximately 89 to 82 percent, while the Hispanic and Asian/other populations grew from 6.9 to 10.8 percent and from 2.4 to 3.1 percent, respectively. Black individuals and those identifying as two or more races each represented less than three percent of the resident population in 2020.

C. HOUSING

According to the *New York State Association of Realtors (NYSAR)*, “affordability challenges continue to limit market activity, with buyers and sellers at a standstill due to fluctuations in mortgage interest rates, which are up considerably from this time last year. Prospective buyers have been sidelined by elevated sales prices and higher borrowing costs, causing existing-home sales to fall, while many would-be sellers with low-rate mortgages have delayed their decision to sell in hopes market conditions will improve, further constraining an already limited supply of homes and driving sales prices higher.” Mortgage rates have remained high, as compared to just two years ago. Higher interest rates, coupled with elevated sales prices, have resulted in affordability issues for many buyers hoping to enter the market.

Data from the *NYSAR* indicates closed sales in New York State were down more than 20 percent in the third quarter of 2023, when compared to the same quarter in the prior year; the median sale price increased slightly to \$400,000, representing a year-over-year increase of 2.6 percent. While median sale prices are expected to remain at an elevated level, the rate of appreciation is expected to slow due to rising mortgage rates. Meanwhile, the number of homes for sale fell by 24 percent in the third quarter, when compared to the prior year. A strong housing market generally offers a 6.5-month supply of inventory; however, data from *NYSAR* indicates that there was a 3.1-month supply of available inventory in the third quarter. Inventory is expected to remain at a lower level as existing homeowners may be reluctant to move and then be forced to borrow at a much higher rate for their next home.

As shown in Table 2, in the third quarter of 2023, the residential real estate market in Westchester County posted a quarterly year-to-year sales loss of more than 20 percent; there were 2,378 completed home sales reported for the quarter, compared to 2,977 the previous year. However, the median sale price increased 6.7 percent during this period, growing from \$680,000 in 2022 to \$725,500 in the third quarter of 2023.

Table 2 - Number of Home Sales and Median Prices in Westchester County

County	3rd Quarter 2023		3rd Quarter 2022		Change	
	# Sales	Median Price	# Sales	Median Price	# Sales	Median Price
Westchester County	2,378	\$725,500	2,977	\$680,000	-20.1%	6.7%

Source: *NYSAR*

Despite surging home prices, the homeownership rate for the second quarter of 2023 increased to 65.9 percent; this compares to the ten-year (2013-2023) low of 62.9 percent recorded in 2016. In the second quarter of 2023, the homeownership rate was highest among householders aged 65+ (78.9 percent), followed by the 55 - 64, 45 - 54 and 35 - 44 age segments, with homeownership rates of 75.5, 70.8 and 63.1 percent, respectively. Young adults under the age of 35 recorded the lowest homeownership rate at 38.5 percent in the second quarter of 2023. Recent interest rate hikes and continued price increases are expected to hamper further growth in the share of first-time home buyers entering the market.

As shown in Table 3, housing turnover in the North Salem Central School District was at the lowest level of the historical period (2012 - 2022) in 2019, when 64 units were sold. Sales increased to the highest level of the period in 2021, when 118 units were sold; there were 66 units sold in 2022. The median sale price peaked at \$685,200 in 2021; this is approximately 44 percent higher when compared to the period low of \$474,880 recorded in 2015.

Table 3 - Home Sales in the North Salem CSD 2012 - 2022

Year	Number Sold	Median Price
2012	66	\$477,500
2013	74	\$495,000
2014	80	\$532,000
2015	67	\$474,880
2016	77	\$509,500
2017	77	\$580,000
2018	75	\$569,900
2019	64	\$545,000
2020	107	\$615,000
2021	117	\$685,200
2022	66	\$642,500

Source: NYS Office of Real Property Services

According to the *Joint Center for Housing Studies of Harvard University*, “rental markets across the nation bounced back quickly from the pandemic-induced downturn, with rents rising at a record pace and vacancy rates hitting new lows [in 2022].” Vacancy rates have since returned to pre-pandemic levels, with a vacancy rate of 6.3 percent reported in the second quarter of 2023. Although rental markets are experiencing sharply reduced rent growth, home prices and rents remain elevated from pre-pandemic levels. Several factors continue to impact the housing and rental markets such as rising interest rates, escalating home prices and the limited supply of homes for sale.

In 2020 (latest available data), nearly 83 percent of occupied housing in the North Salem Central School District was owner occupied and approximately 17 percent was renter occupied. This compares to Westchester County, with approximately 60 percent of housing units occupied by an owner and 40 percent occupied by a renter.

The Planning Departments of the Towns of North Salem, Somers and Southeast were contacted regarding the status of current building projects, as well as any new proposals before the Planning Boards. Table 4 shows previously reported projects in the Towns of North Salem and Somers and newly reported projects in the Town of North Salem. The Town of Somers did not provide updates on these projects. The Town of Southeast did not provide updates this year but reported last year that there were no new proposals before the Planning Board.

Table 4 - Approved and Proposed Housing in the North Salem CSD

Project Name	# of Units	Status
<i>Town of North Salem</i>		
Gilport*	7 SF	Final approval August 4, 2021 extended. Not yet filed
Hawley Woods	3 SF	Final approval pending
Hawley Road	Subdivision, 1 new lot, SF	Under preliminary review
Grant Road	Subdivision, 1 new lot, SF	Under preliminary review
A.P.C. Group	Subdivision, 2 new lots, SF	Under preliminary review
<i>Town of Somers</i>		
George – Butler Hill Rd.	1 lot	Near completion
Greenbriar – Greenbriar Dr.	4 TH	Under construction

Source: Towns of North Salem and Somers Planning Departments

Bold - reported for the first time

* - indicates change in status since last report

D. NON-PUBLIC/CHARTER SCHOOL ENROLLMENT

Census Bureau data indicates that there were 4.8 million K - 12 students, or 9.3 percent of all school-age children, attending private schools in the United States during the 2021-22 school year. This represents a decline of nearly seven percent since 2001-02, when 5.2 million students, or 9.8 percent of all K - 12 children, attended private schools.

Non-public school enrollment in New York State had been steadily declining during the last two decades. However, according to data from the *NYS Education Department*, private school enrollment has stabilized during the past three years; in 2022-23, approximately 381,000 students, or 13.6 percent of school age children, were enrolled in private schools. Within Westchester County, non-public school enrollment has been steadily declining for more than 10 years. Last year, there were 16,109 students (10.5 percent) enrolled in private schools, compared to 2012-13, when 20,475 students, or 12.3 percent of all school age children, attended non-public schools.

This year, 49 North Salem Central School District resident students (4.8 percent) are attending non-public schools. Non-public school enrollment has declined since 2007, when 112 children, or 7.7 percent of district resident students, attended private schools.

The *National Catholic Educational Association* reported that Catholic schools recorded a year-to-year increase of 0.3 percent for the 2022-23 school year. Although enrollment has increased over the past two years, it is still 2.6 percent lower than pre-pandemic levels.

Growth in the number of charter schools throughout the United States has impacted private school enrollment. Charter schools offer a tuition-free alternative to traditional public-school settings, while often providing individualized instruction offered in many private schools. The *National Alliance of Charter Schools* reported that charter schools currently enroll more than 3.7 million children in approximately 7,800 schools. As shown in Figure 6, data from the *National Alliance for Public Charter Schools* shows that charter school enrollment has more than tripled between 2005 and 2020 (latest available data).

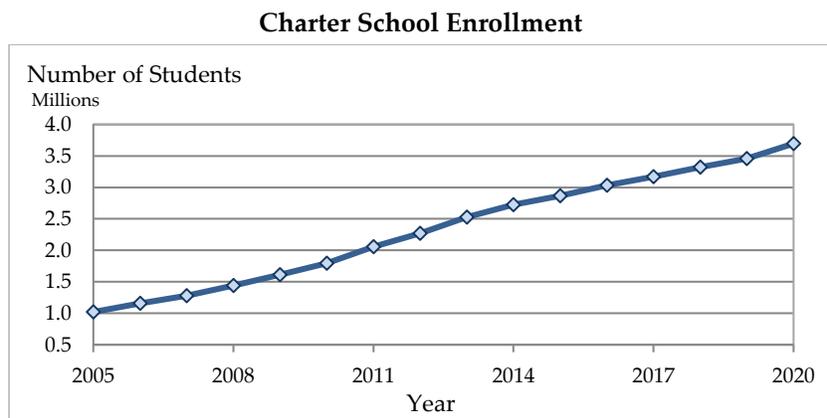


Figure 6 - Charter School Enrollment

According to the *New York State Education Department*, in 2022-23, there were 357 charter schools serving over 175,000 students in New York State. As shown in Table 5, charter school enrollment has grown by nearly 19 percent since the 2018-19 school year. Also shown is that total K -12 enrollment has declined by more than 6 percent during this period, while non-public school enrollment has declined 4.4 percent.

Table 5 - NYS Non-Public & Charter School Enrollment

School Year	Public Schools	Charter Schools	Non-Public Schools	Total K - 12 Enrollment
2018-19	2,451,499	147,422	398,228	2,997,149
	81.8%	4.9%	13.3%	
2019-20	2,421,858	159,211	390,779	2,971,848
	81.5%	5.4%	13.1%	
2020-21	2,342,473	170,500	382,644	2,895,617
	80.9%	5.9%	13.2%	
2021-22	2,275,355	173,182	382,499	2,831,036
	80.4%	6.1%	13.5%	
2022-23*	2,247,106	175,388	380,788	2,803,282
	80.2%	6.3%	13.6%	

Source: NYSED

Note: Data does not include BOCES SPED students

*2022-23 Preliminary Data

Currently, there are three charter schools in operation in Westchester County, located in the Cities of Mount Vernon (2) and Yonkers.

E. ENROLLMENT PROJECTION METHODOLOGY

The *Cohort Survival Technique* was used to project the district’s enrollment patterns for the next ten years. Three fundamental inputs were essential:

1. Actual enrollment by grade for 2013 - 2023 for the district [Appendix A-2] and each school [Appendix A-8, A-10].
2. Grade-to-grade retention (migration) ratios for each two-grade transition to grades 1 - 12 for the past ten years for the district [Appendix A-2] and each school [Appendix A-8, A-10].
3. Projected kindergarten entering cohorts based on the number of live births in Westchester and Putnam Counties, with consideration given to school district births, five years before each year projected [Appendix A-4].

The *Cohort Survival Model* takes into consideration the normal community processes that affect school enrollment, which include:

1. The number of births and fertility rates
2. Typical in and out migration
3. Transfers to and from non-public schools
4. Population variations
5. Resident family characteristics

The enrollment projections contained within this study are based on assumptions generated through the demographic analysis. *This analysis led to the following conjectures:*

1. Population will remain stable due to limited new residential development within the district. However, increased levels of housing turnover may bring younger families into the district. The turnover of approximately 65 - 120 homes each year is anticipated to continue.
2. Kindergarten classes will be maintained close to the levels seen in recent years, relative to housing turnover and continued changes in the population.
3. Non-public school enrollment is expected to remain at approximately 3 - 5 percent of district resident students.

The *Cohort Survival Model* is exceptionally accurate in forecasting future enrollment patterns, but the occurrence of certain conditions would warrant modifications in these projections. *These conditions include:*

- A level of new housing activity or a change in the level of housing turnover that is significantly higher or lower than that experienced by the district during the past three years.
- Expansion, consolidation, closing or the formation of new non-public or charter schools.
- Major sociological changes or changed values/attitudes affecting anticipated family size and birthrate.
- Household characteristics that significantly differ from the past three to five years, including the number of persons per household and the age of household occupants.
- A major local or national crisis resulting in a significant change to economic conditions that affect employment, finance and housing in a manner that deviates from the past three to five years.

It is important for the reader to understand the nature of enrollment projections. Regardless of the methodology applied to produce projections, *all outcomes fall into three categories of reliability:*

Category 1 - Those projections based on students already enrolled in the system are the most reliable projections.

Category 2 - Those projections based on documented births are slightly less reliable than those of Category 1.

Category 3 - Those projections based on estimates of future births are the least reliable.

Therefore, the most reliable projections are those calculated for the periods closest in time. Projections for periods further out in time are less reliable, particularly those beyond five years from the year of the study. The five-year period (2024 - 2028) projections are those best used in district planning and decision making. That is because this period consists mainly of Category 1 projections.

It is noted that the overall enrollment projections produced by Western Suffolk BOCES generally fall within a 4 percent margin of error. The greatest discrepancies in projections occur in the smallest subsets of those projections. For example, the projections for the district as a whole are likely to be the most accurate, while the projection of a building's particular grade level in a specific year is likely to be the least accurate. It is recommended that updates to projections be continued on a periodic basis to maintain modifications required by subtle shifts in migration trends and demographic factors.

F. ACCURACY OF PREVIOUS PROJECTIONS

A comparison was made between the enrollment projections presented in the 2022-23 Western Suffolk BOCES study and the actual enrollment observed in the 2023-24 school year. As shown in *Appendix A-1* and Table 6, the 2022-23 study projected the 2023-24 K - 12 enrollment 965 students, while there were actually 972 students enrolled. This projection was within seven students of the actual enrollment, reflecting accuracy within 0.7 percent.

The projections for each grade level showed variations ranging from 1 - 8 students of the actual enrollments. The K - 5 grade configuration was projected within one student, or 0.2 percent; the 6 - 8 grade configuration was projected within two students, or 0.9 percent; and the 9 - 12 grade configuration was projected within eight students, or 2.6 percent, when compared to the actual enrollment.

Table 6 - Accuracy of the Western Suffolk BOCES 2022-23 Projections for 2023-24

Grades	2023-24 Actual	2023-24 Projected	Difference	Projected/Actual
K - 12	972	965	-7	99.3%
K - 5	455	454	-1	99.8%
6 - 8	215	217	2	100.9%
9 - 12	302	294	-8	97.4%

G. DISTRICT ENROLLMENT

The North Salem Central School District educates students in grades K - 12 in two district schools; an elementary school houses grades K - 5 and a combined middle/high school houses grades 6 - 12.

Table 7 presents the current and projected enrollment through 2033 for the district and each grade configuration. It is shown that the elementary (K - 5) grades are expected to be at their projection peak enrollment in 2028 and the middle (6 - 8) grades are expected to be at their projection period peak enrollment 2032; the high school (9 - 12) grade configuration is forecasted to enroll the greatest number of students in 2033. District enrollment (K - 12) is also expected to be at its projection period peak in 2033, when 1,051 students are anticipated; this is an increase of 79 students, when compared to the current enrollment.

Table 7 - Projected North Salem CSD Enrollment

Year	K - 5	6 - 8	9 - 12	K - 12
Actual 2023	455	215	302	972
Projected 2024	474	212	282	968
2025	481	210	299	990
2026	498	221	276	995
2027	494	238	272	1,004
2028	500*	234	278	1,012
2029	495	249	269	1,013
2030	487	252	294	1,033
2031	481	263	299	1,043
2032	472	266*	306	1,044
2033	469	259	323*	1,051*

*denotes peak enrollment during 2024 - 2033

District enrollment [Appendix A-2] consisted of 1,164 students in grades K - 12 in 2013; this was the historical peak enrollment. Subsequently, losses in nine of the last ten years led to the current enrollment of 972 students in 2023. A loss of 192 students, or 16.5 percent, is noted during the historical period.

Small gains are projected in nine of the next ten years. The forecasted 2033 enrollment of 1,051 students represents a gain of 79 students, or 8.1 percent, when compared to the current enrollment.

The projected enrollment can be attributed to several factors:

- ☞ **First**, kindergarten enrollment fluctuated within 54 - 82 students per year between 2013 and 2023; there are 79 students enrolled this year. During the next three years kindergarten cohorts are expected to range within 79 - 82 students. Subsequently, kindergarten enrollment is projected to be at a slightly lower level, with 72 - 75 students expected each year between 2027 and 2033 [Appendix A-4].
- ☞ **Second**, the incoming kindergarten class was smaller than the exiting twelfth grade class of the previous year in each of the last ten years. However, this trend has shifted and larger kindergarten classes are expected to replace smaller 12th grade classes in seven of the next ten years [Appendix A-7].
- ☞ **Third**, migration ratios show year-to-year fluctuations. On average, the district gains or maintains students in transition to most grades (1, 2, 3, 4, 5, 6, 8 & 12); average losses are recorded in progression to grades 7, 9, 10 & 11 [Appendix A-2].
- ☞ **Fourth**, the average grade level size decreased in grades 2 - 11 during 2018 - 2023 as compared to 2013 - 2018. Grade level size decreases are anticipated in grades 7 - 12 during 2023 - 2028. Grade level size decreases are anticipated in grades K- 2 and 12 during 2028 - 2033 [Appendix A-7].

H. ENROLLMENT OF GRADE CONFIGURATIONS

ELEMENTARY GRADES (K - 5) ENROLLMENT *[Appendix A-3, A-6]*

Pequenakonck Elementary School *[Appendix A-8, A-9]*

Pequenakonck Elementary School enrolled 488 students in grades K - 5 in 2013; this was the historical peak enrollment. Subsequently, losses in six of the last ten years led to the current enrollment of 455 students in 2023. A loss of 33 students, or 6.8 percent, is noted during the historical period.

Gains in four of the next five years will lead to the projection period peak enrollment of 500 students in 2028. Losses are expected in the remaining five years of the period. The forecasted 2033 enrollment of 469 students represents a slight gain (14 students, or 3.1 percent), when compared to the current enrollment. It is anticipated that the kindergarten will enroll 79 - 82 students during the next three years and 72 - 75 students from 2027 through 2033.

Pequenakonck Elementary School displays the average trend to gain students in transition to grades 1, 2, and 4, and maintain students in transition to third and fifth grades. However, the entering kindergarten class is expected to be smaller than the exiting fifth grade class of the previous year in eight of the next ten years, minimizing any gains in transition. These factors will result in the projected enrollment pattern.

Table 8 presents the current and projected elementary enrollment and classroom needs for Pequenakonck Elementary School through 2033. It is shown that the district currently houses 26 sections for the instruction of grades K - 5, including two sections of self-contained special education. The projected K - 5 enrollment suggests the need for 26 - 29 sections, including two sections of self-contained special education, throughout the projection period. When compared to the current allocation of sections, it is anticipated that the district will require three additional sections by 2026 and the same number of sections in 2033 *[Appendix A-9]*.

Table 8 -Projected North Salem CSD Elementary Enrollment & Instructional Sections

Year	K - 5 Enrollment	Instructional Sections
Actual 2023	455	26
Projected 2024	474	27
2025	481	26
2026	498	29
2027	494	28
2028	500*	27
2029	495	26
2030	487	26
2031	481	26
2032	472	26
2033	469	26

*denotes peak enrollment during 2024 – 2033
 Note: includes self-contained special education sections

MIDDLE/SECONDARY GRADES (6 - 12) ENROLLMENT

[Appendix A-3, A-6]

North Salem Middle School/High School *[Appendix A-10, A-11, A-12]*

Enrollment in the middle grades (6 - 8) at North Salem Middle School/High School consisted of 306 students in 2013. A gain the next year resulted in the historical peak enrollment of 308 students in 2014. Subsequently, losses in seven of the last nine years led to the current enrollment of 215 students in 2023. A loss of 91 students, or 29.7 percent, is noted during the historical period.

Enrollment is projected to increase, with gains expected in six of the next ten years. The projected 2033 enrollment of 259 students represents an overall gain of 44 students, or 20.5 percent, when compared to the current enrollment.

Enrollment in the high school grades (9 - 12) consisted of 370 students in 2013. Gains in three of the next four years resulted in the historical peak enrollment of 390 in 2017. Subsequently, losses in each of the last six years led to the current enrollment of 302 students in 2023. A loss of 68 students, or 18.4 percent, is noted during the historical period.

Enrollment is projected to increase slightly with gains expected in six of the next ten years. The projected 2033 enrollment of 323 students represents an overall gain of 21 students, or 7.0 percent, when compared to the current enrollment.

North Salem Middle School/High School displays the average trend to lose students in transition to grades 7, and 9 - 11, maintain students in transition to twelfth grade and gain students in transition to eighth grade. The incoming sixth grade class is expected to be larger than the graduating twelfth grade of the previous year in eight of the next ten years, minimizing the losses occurring through transition. These factors will contribute to the projected enrollment pattern.

Table 9 displays the current and projected middle and high school enrollments as well as the sectional needs for the North Salem Middle School/High School. It is shown that the middle (6 - 8) grades are expected to enroll the greatest number of students in 2032 and the high school (9 - 12) grade configuration is forecasted to enroll the greatest number of students in 2033. The combined middle and high school enrollment is also expected to be at its peak in 2033, when 582 students are anticipated; this is 65 more students than are currently enrolled.

Projections suggest that a total of 20 rooms will be needed in 2024, increasing to 23 rooms by 2031, for the instruction of English Language Arts (ELA), math, science, social studies, language, health, computer and special education, while maintaining an optimal class size of 26 students per section [Appendix A-12].

Table 9 - Projected North Salem CSD Middle & High School Enrollment

Year	Enrollment			Instructional Sections
	Grades 6 - 8	Grades 9 - 12	Grades 6 - 12	Grades 6 - 12
Actual 2023	215	302	517	
Projected 2024	212	282	494	20
2025	210	299	509	21
2026	221	276	497	20
2027	238	272	510	21
2028	234	278	512	20
2029	249	269	518	21
2030	252	294	546	22
2031	263	299	562	23
2032	266*	306	572	23
2033	259	323*	582*	23

* - denotes peak enrollment during 2024 - 2033

Appendix A

NORTH SALEM CENTRAL SCHOOL DISTRICT
 ACCURACY OF WESTERN SUFFOLK BOCES 2022-23 PROJECTIONS FOR 2023-24

Grade	Actual 2023-24	Projected	Difference		
KINDERGARTEN	79	75	-4	Note: 2023-24 enrollment data from the District does not include UGD counts as the previous enrollment reports do.	
FIRST	72	73	1		
SECOND	84	84	0		
THIRD	70	71	1		
FOURTH	80	76	-4		
FIFTH	70	73	3		
SIXTH	61	67	6		
SEVENTH	81	77	-4		
EIGHTH	73	71	-2		
NINTH	72	70	-2		
TENTH	81	81	0		
ELEVENTH	60	54	-6		
TWELFTH	89	88	-1		
UNGRADED		5	5		Projected/Actual
K - 12	972	965	-7		99.3%
K - 5	455	454	-1		99.8%
6 - 8	215	217	2		100.9%
9 - 12	302	294	-8		97.4%

NORTH SALEM CENTRAL SCHOOL DISTRICT
HISTORICAL DISTRICT ENROLLMENT

GRADE	Oct-13	Oct-14	Oct-15	Oct-16	Oct-17	Oct-18	Oct-19	Oct-20	Oct-21	Oct-22	Oct-23
KINDERGARTEN	64	77	69	66	54	69	63	68	82	70	79
FIRST	61	69	74	74	63	61	69	70	73	82	72
SECOND	97	62	68	76	78	66	62	71	76	71	84
THIRD	74	101	59	77	74	77	72	64	71	74	70
FOURTH	91	80	93	58	79	76	80	74	66	70	80
FIFTH	101	98	85	96	60	85	78	73	79	67	70
SIXTH	113	94	96	89	97	57	92	78	74	79	61
SEVENTH	101	112	91	96	91	96	59	88	76	71	81
EIGHTH	92	102	110	94	97	96	97	63	87	73	73
NINTH	82	89	97	106	90	92	94	91	62	82	72
TENTH	100	82	92	96	112	85	91	93	89	55	81
ELEVENTH	101	96	86	95	96	110	83	90	90	89	60
TWELFTH	87	100	95	84	92	93	104	83	95	89	89
UNGRADED	0	0	0	0	0	0	2	9	5	6	0
TOTAL	1,164	1,162	1,115	1,107	1,083	1,063	1,046	1,015	1,025	978	972
CHANGE		-2	-47	-8	-24	-20	-17	-31	10	-47	-6
% CHANGE		-0.2%	-4.0%	-0.7%	-2.2%	-1.8%	-1.6%	-3.0%	1.0%	-4.6%	-0.6%
OUT OF DISTRICT (OOD) PLACEMENTS	15	13	13	15	14	12	8	13	12		
TOTAL w/ OOD	1,179	1,175	1,128	1,122	1,097	1,075	1,054	1,028	1,037		

note: data for all years provided by the district

MIGRATION	13 - 14	14 - 15	15 - 16	16 - 17	17 - 18	18 - 19	19 - 20	20 - 21	21 - 22	22 - 23	AVERAGE
K - 1	107.8%	96.1%	107.2%	95.5%	113.0%	100.0%	111.1%	107.4%	100.0%	102.9%	104.3%
1 - 2	101.6%	98.6%	102.7%	105.4%	104.8%	101.6%	102.9%	108.6%	97.3%	102.4%	102.6%
2 - 3	104.1%	95.2%	113.2%	97.4%	98.7%	109.1%	103.2%	100.0%	97.4%	98.6%	99.8%
3 - 4	108.1%	92.1%	98.3%	102.6%	102.7%	103.9%	102.8%	103.1%	98.6%	108.1%	103.3%
4 - 5	107.7%	106.3%	103.2%	103.4%	107.6%	102.6%	91.3%	106.8%	101.5%	100.0%	100.4%
5 - 6	93.1%	98.0%	104.7%	101.0%	95.0%	108.2%	100.0%	101.4%	100.0%	91.0%	100.1%
6 - 7	99.1%	96.8%	100.0%	102.2%	99.0%	103.5%	95.7%	97.4%	95.9%	102.5%	99.0%
7 - 8	101.0%	98.2%	103.3%	101.0%	105.5%	101.0%	106.8%	98.9%	96.1%	102.8%	101.1%
8 - 9	96.7%	95.1%	96.4%	95.7%	94.8%	97.9%	93.8%	98.4%	94.3%	98.6%	96.6%
9 - 10	100.0%	103.4%	99.0%	105.7%	94.4%	98.9%	98.9%	97.8%	88.7%	98.8%	98.6%
10 - 11	96.0%	104.9%	103.3%	100.0%	98.2%	97.6%	98.9%	96.8%	100.0%	109.1%	98.8%
11 - 12	99.0%	99.0%	97.7%	96.8%	96.9%	94.5%	100.0%	105.6%	98.9%	100.0%	99.8%

NORTH SALEM CENTRAL SCHOOL DISTRICT
HISTORICAL DISTRICT ENROLLMENT BY GRADE CONFIGURATION

GRADE	Oct-13	Oct-14	Oct-15	Oct-16	Oct-17	Oct-18	Oct-19	Oct-20	Oct-21	Oct-22	Oct-23
KINDERGARTEN	64	77	69	66	54	69	63	68	82	70	79
FIRST	61	69	74	74	63	61	69	70	73	82	72
SECOND	97	62	68	76	78	66	62	71	76	71	84
THIRD	74	101	59	77	74	77	72	64	71	74	70
FOURTH	91	80	93	58	79	76	80	74	66	70	80
FIFTH	101	98	85	96	60	85	78	73	79	67	70
UNGRADED	0	0	0	0	0	0	2	6	1	2	0
TOTAL K - 5	488	487	448	447	408	434	426	426	448	436	455
CHANGE		-1	-39	-1	-39	26	-8	0	22	-12	19
% CHANGE		-0.2%	-8.0%	-0.2%	-8.7%	6.4%	-1.8%	0.0%	5.2%	-2.7%	4.4%
SIXTH	113	94	96	89	97	57	92	78	74	79	61
SEVENTH	101	112	91	96	91	96	59	88	76	71	81
EIGHTH	92	102	110	94	97	96	97	63	87	73	73
UNGRADED	0	0	0	0	0	0	0	0	3	3	0
TOTAL 6 - 8	306	308	297	279	285	249	248	229	240	226	215
CHANGE		2	-11	-18	6	-36	-1	-19	11	-14	-11
% CHANGE		0.7%	-3.6%	-6.1%	2.2%	-12.6%	-0.4%	-7.7%	4.8%	-5.8%	-4.9%
NINTH	82	89	97	106	90	92	94	91	62	82	72
TENTH	100	82	92	96	112	85	91	93	89	55	81
ELEVENTH	101	96	86	95	96	110	83	90	90	89	60
TWELFTH	87	100	95	84	92	93	104	83	95	89	89
UNGRADED	0	0	0	0	0	0	0	3	1	1	0
TOTAL 9 - 12	370	367	370	381	390	380	372	360	337	316	302
CHANGE		-3	3	11	9	-10	-8	-12	-23	-21	-14
% CHANGE		-0.8%	0.8%	3.0%	2.4%	-2.6%	-2.1%	-3.2%	-6.4%	-6.2%	-4.4%
TOTAL 6 - 12	676	675	667	660	675	629	620	589	577	542	517
CHANGE		-1	-8	-7	15	-46	-9	-31	-12	-35	-25
% CHANGE		-0.1%	-1.2%	-1.0%	2.3%	-6.8%	-1.4%	-5.0%	-2.0%	-6.1%	-4.6%
TOTAL K - 12	1,164	1,162	1,115	1,107	1,083	1,063	1,046	1,015	1,025	978	972
CHANGE		-2	-47	-8	-24	-20	-17	-31	10	-47	-6
% CHANGE		-0.2%	-4.0%	-0.7%	-2.2%	-1.8%	-1.6%	-3.0%	1.0%	-4.6%	-0.6%

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NORTH SALEM CENTRAL SCHOOL DISTRICT
KINDERGARTEN PROJECTIONS

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Birth Year	Births Westchester & Putnam Counties	SD	Enrollment Year	District K	Ratios K/ 2 cnty births
2008	12,501	55	2013	64	0.0051
2009	12,037	63	2014	77	0.0064
2010	12,035	45	2015	69	0.0057
2011	11,585	42	2016	66	0.0057
2012	11,266	43	2017	54	0.0048
2013	11,359	65	2018	69	0.0061
2014	11,466	47	2019	63	0.0055
2015	11,452	47	2020	68	0.0059
2016	11,090	58	2021	82	0.0074
2017	11,227	41	2022	70	0.0062
2018	10,956	51	2023	79	0.0072
2019	10,703	58	2024	82	
2020	10,465	53	2025	79	
provisional 2021	10,974	58	2026	82	
est. 2022	10,818		2027	75	
est. 2023	10,639		2028	74	
est. 2024	10,573		2029	74	
est. 2025	10,581		2030	74	
est. 2026	10,452		2031	73	
est. 2027	10,429		2032	73	0.0060
est. 2028	10,346		2033	72	historical average

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Note: 2008-2020: finalized births reported by DOH@NYS; 2021: provisional births received from DOH@NYS and subject to change

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NORTH SALEM CENTRAL SCHOOL DISTRICT
PROJECTED DISTRICT ENROLLMENT

GRADE	Oct-23	Oct-24	Oct-25	Oct-26	Oct-27	Oct-28	Oct-29	Oct-30	Oct-31	Oct-32	Oct-33
	Actual										
KINDERGARTEN	79	82	79	82	75	74	74	74	73	73	72
FIRST	72	82	85	82	85	78	77	77	77	76	76
SECOND	84	74	84	87	84	87	80	79	79	79	78
THIRD	70	84	74	84	87	84	87	80	79	79	79
FOURTH	80	72	87	76	87	90	87	90	83	82	82
FIFTH	70	80	72	87	76	87	90	87	90	83	82
SIXTH	61	70	80	72	87	76	87	90	87	90	83
SEVENTH	81	60	69	79	71	86	75	86	89	86	89
EIGHTH	73	82	61	70	80	72	87	76	87	90	87
NINTH	72	71	79	59	68	77	70	84	73	84	87
TENTH	81	71	70	78	58	67	76	69	83	72	83
ELEVENTH	60	80	70	69	77	57	66	75	68	82	71
TWELFTH	89	60	80	70	69	77	57	66	75	68	82
TOTAL	972	968	990	995	1,004	1,012	1,013	1,033	1,043	1,044	1,051
CHANGE		-4	22	5	9	8	1	20	10	1	7
% CHANGE		-0.4%	2.3%	0.5%	0.9%	0.8%	0.1%	2.0%	1.0%	0.1%	0.7%

Note: The shaded area denotes grade-level students already in the system.

NORTH SALEM CENTRAL SCHOOL DISTRICT
PROJECTED DISTRICT ENROLLMENT BY GRADE CONFIGURATION

GRADE	Oct-23 Actual	Oct-24	Oct-25	Oct-26	Oct-27	Oct-28	Oct-29	Oct-30	Oct-31	Oct-32	Oct-33
KINDERGARTEN	79	82	79	82	75	74	74	74	73	73	72
FIRST	72	82	85	82	85	78	77	77	77	76	76
SECOND	84	74	84	87	84	87	80	79	79	79	78
THIRD	70	84	74	84	87	84	87	80	79	79	79
FOURTH	80	72	87	76	87	90	87	90	83	82	82
FIFTH	70	80	72	87	76	87	90	87	90	83	82
TOTAL K - 5	455	474	481	498	494	500	495	487	481	472	469
CHANGE		19	7	17	-4	6	-5	-8	-6	-9	-3
% CHANGE		4.2%	1.5%	3.5%	-0.8%	1.2%	-1.0%	-1.6%	-1.2%	-1.9%	-0.6%
SIXTH	61	70	80	72	87	76	87	90	87	90	83
SEVENTH	81	60	69	79	71	86	75	86	89	86	89
EIGHTH	73	82	61	70	80	72	87	76	87	90	87
TOTAL 6 - 8	215	212	210	221	238	234	249	252	263	266	259
CHANGE		-3	-2	11	17	-4	15	3	11	3	-7
% CHANGE		-1.4%	-0.9%	5.2%	7.7%	-1.7%	6.4%	1.2%	4.4%	1.1%	-2.6%
NINTH	72	71	79	59	68	77	70	84	73	84	87
TENTH	81	71	70	78	58	67	76	69	83	72	83
ELEVENTH	60	80	70	69	77	57	66	75	68	82	71
TWELFTH	89	60	80	70	69	77	57	66	75	68	82
TOTAL 9 - 12	302	282	299	276	272	278	269	294	299	306	323
CHANGE		-20	17	-23	-4	6	-9	25	5	7	17
% CHANGE		-6.6%	6.0%	-7.7%	-1.4%	2.2%	-3.2%	9.3%	1.7%	2.3%	5.6%
TOTAL 6 - 12	517	494	509	497	510	512	518	546	562	572	582
CHANGE		-23	15	-12	13	2	6	28	16	10	10
% CHANGE		-4.4%	3.0%	-2.4%	2.6%	0.4%	1.2%	5.4%	2.9%	1.8%	1.7%
TOTAL K - 12	972	968	990	995	1,004	1,012	1,013	1,033	1,043	1,044	1,051
CHANGE		-4	22	5	9	8	1	20	10	1	7
% CHANGE		-0.4%	2.3%	0.5%	0.9%	0.8%	0.1%	2.0%	1.0%	0.1%	0.7%

NORTH SALEM CENTRAL SCHOOL DISTRICT
AVERAGE GRADE LEVEL SIZE

GRADE	1 13 - 18	2 18 - 23	3 23 - 28	4 28 - 33	2/1	change 3/2	4/3
KINDERGARTEN	67	72	79	73	7.5%	9.7%	-7.6%
FIRST	67	71	81	77	6.0%	14.1%	-4.9%
SECOND	75	72	83	80	-4.0%	15.3%	-3.6%
THIRD	77	71	81	81	-7.8%	14.1%	0.0%
FOURTH	80	74	82	86	-7.5%	10.8%	4.9%
FIFTH	88	75	79	87	-14.8%	5.3%	10.1%
SIXTH	91	74	74	86	-18.7%	0.0%	16.2%
SEVENTH	98	79	74	85	-19.4%	-6.3%	14.9%
EIGHTH	99	82	73	83	-17.2%	-11.0%	13.7%
NINTH	93	82	71	79	-11.8%	-13.4%	11.3%
TENTH	95	82	71	75	-13.7%	-13.4%	5.6%
ELEVENTH	97	87	69	70	-10.3%	-20.7%	1.4%
TWELFTH	92	92	74	71	0.0%	-19.6%	-4.1%

DISPLACEMENT BETWEEN ENTERING & EXITING GRADES

YEAR	GRADE 12	YEAR	K	DIFFERENCE
2013	87	2014	77	-10
2014	100	2015	69	-31
2015	95	2016	66	-29
2016	84	2017	54	-30
2017	92	2018	69	-23
2018	93	2019	63	-30
2019	104	2020	68	-36
2020	83	2021	82	-1
2021	95	2022	70	-25
2022	89	2023	79	-10
2023	89	2024	82	-7
2024	60	2025	79	19
2025	80	2026	82	2
2026	70	2027	75	5
2027	69	2028	74	5
2028	77	2029	74	-3
2029	57	2030	74	17
2030	66	2031	73	7
2031	75	2032	73	-2
2032	68	2033	72	4
Average Difference 2013 - 2018				-25
Average Difference 2018 - 2023				-20
Average Difference 2023 - 2028				5
Average Difference 2028 - 2033				5

PEQUENAKONCK ELEMENTARY SCHOOL
 HISTORICAL ENROLLMENT

GRADE	Oct-13	Oct-14	Oct-15	Oct-16	Oct-17	Oct-18	Oct-19	Oct-20	Oct-21	Oct-22	Oct-23
KINDERGARTEN	64	77	69	66	54	69	63	68	82	70	79
FIRST	61	69	74	74	63	61	69	70	73	82	72
SECOND	97	62	68	76	78	66	62	71	76	71	84
THIRD	74	101	59	77	74	77	72	64	71	74	70
FOURTH	91	80	93	58	79	76	80	74	66	70	80
FIFTH	101	98	85	96	60	85	78	73	79	67	70
UNGRADED	0	0	0	0	0	0	2	6	1	2	0
TOTAL	488	487	448	447	408	434	426	426	448	436	455
% CHANGE		-0.2%	-8.0%	-0.2%	-8.7%	6.4%	-1.8%	0.0%	5.2%	-2.7%	4.4%

note: data for all years provided by the district

MIGRATION	13 - 14	14 - 15	15 - 16	16 - 17	17 - 18	18 - 19	19 - 20	20 - 21	21 - 22	22 - 23	AVERAGE
K - 1	107.8%	96.1%	107.2%	95.5%	113.0%	100.0%	111.1%	107.4%	100.0%	102.9%	104.3%
1 - 2	101.6%	98.6%	102.7%	105.4%	104.8%	101.6%	102.9%	108.6%	97.3%	102.4%	102.6%
2 - 3	104.1%	95.2%	113.2%	97.4%	98.7%	109.1%	103.2%	100.0%	97.4%	98.6%	99.8%
3 - 4	108.1%	92.1%	98.3%	102.6%	102.7%	103.9%	102.8%	103.1%	98.6%	108.1%	103.3%
4 - 5	107.7%	106.3%	103.2%	103.4%	107.6%	102.6%	91.3%	106.8%	101.5%	100.0%	100.4%

 PEQUENAKONCK ELEMENTARY SCHOOL
 PROJECTED ENROLLMENT

GRADE	Oct-23 Actual	Oct-24	Oct-25	Oct-26	Oct-27	Oct-28	Oct-29	Oct-30	Oct-31	Oct-32	Oct-33
KINDERGARTEN	79	82	79	82	75	74	74	74	73	73	72
FIRST	72	82	85	82	85	78	77	77	77	76	76
SECOND	84	74	84	87	84	87	80	79	79	79	78
THIRD	70	84	74	84	87	84	87	80	79	79	79
FOURTH	80	72	87	76	87	90	87	90	83	82	82
FIFTH	70	80	72	87	76	87	90	87	90	83	82
TOTAL	455	474	481	498	494	500	495	487	481	472	469
% CHANGE		4.2%	1.5%	3.5%	-0.8%	1.2%	-1.0%	-1.6%	-1.2%	-1.9%	-0.6%

PEQUENAKONCK ELEMENTARY SCHOOL
PROJECTED ENROLLMENT - SECTIONAL ANALYSIS

based on the maximum class sizes: grades K - 2 = 20, grades 3 - 5 = 25

GRADE	Oct-23 Actual	Oct-24	Oct-25	Oct-26	Oct-27	Oct-28	Oct-29	Oct-30	Oct-31	Oct-32	Oct-33
KINDERGARTEN (20)	79	82	79	82	75	74	74	74	73	73	72
# of Sections	4	5	4	5	4	4	4	4	4	4	4
Avg Section Size	19.8	16.4	19.8	16.4	18.8	18.5	18.5	18.5	18.3	18.3	18.0
FIRST (20)	72	82	85	82	85	78	77	77	77	76	76
# of Sections	4	5	5	5	5	4	4	4	4	4	4
Avg Section Size	18.0	16.4	17.0	16.4	17.0	19.5	19.3	19.3	19.3	19.0	19.0
SECOND (20)	84	74	84	87	84	87	80	79	79	79	78
# of Sections	4	4	5	5	5	5	4	4	4	4	4
Avg Section Size	21.0	18.5	16.8	17.4	16.8	17.4	20.0	19.8	19.8	19.8	19.5
THIRD (25)	70	84	74	84	87	84	87	80	79	79	79
# of Sections	4	4	3	4	4	4	4	4	4	4	4
Avg Section Size	17.5	21.0	24.7	21.0	21.8	21.0	21.8	20.0	19.8	19.8	19.8
FOURTH (25)	80	72	87	76	87	90	87	90	83	82	82
# of Sections	4	3	4	4	4	4	4	4	4	4	4
Avg Section Size	20.0	24.0	21.8	19.0	21.8	22.5	21.8	22.5	20.8	20.5	20.5
FIFTH (25)	70	80	72	87	76	87	90	87	90	83	82
# of Sections	4	4	3	4	4	4	4	4	4	4	4
Avg Section Size	17.5	20.0	24.0	21.8	19.0	21.8	22.5	21.8	22.5	20.8	20.5
SC SPED	in grade level counts										
# of Sections	2	2	2	2	2	2	2	2	2	2	2
Total Enrollment	455	474	481	498	494	500	495	487	481	472	469
Total Sections	26	27	26	29	28	27	26	26	26	26	26
Avg Section Size	19.0	19.4	20.7	18.7	19.2	20.1	20.6	20.3	20.0	19.7	19.5

Note: Graded SC SPED students are included in grade level counts. The actual average class sizes might be lower than shown.

Note: The boxed cells indicate the average section size is approaching the maximum class size for the grade level.

NORTH SALEM MIDDLE SCHOOL/HIGH SCHOOL
HISTORICAL ENROLLMENT

GRADE	Oct-13	Oct-14	Oct-15	Oct-16	Oct-17	Oct-18	Oct-19	Oct-20	Oct-21	Oct-22	Oct-23
SIXTH	113	94	96	89	97	57	92	78	74	79	61
SEVENTH	101	112	91	96	91	96	59	88	76	71	81
EIGHTH	92	102	110	94	97	96	97	63	87	73	73
UNGRADED	0	0	0	0	0	0	0	0	3	3	0
TOTAL 6 - 8	306	308	297	279	285	249	248	229	240	226	215
% CHANGE		0.7%	-3.6%	-6.1%	2.2%	-12.6%	-0.4%	-7.7%	4.8%	-5.8%	-4.9%
NINTH	82	89	97	106	90	92	94	91	62	82	72
TENTH	100	82	92	96	112	85	91	93	89	55	81
ELEVENTH	101	96	86	95	96	110	83	90	90	89	60
TWELFTH	87	100	95	84	92	93	104	83	95	89	89
UNGRADED	0	0	0	0	0	0	0	3	1	1	0
TOTAL 9 - 12	370	367	370	381	390	380	372	360	337	316	302
% CHANGE		-0.8%	0.8%	3.0%	2.4%	-2.6%	-2.1%	-3.2%	-6.4%	-6.2%	-4.4%
TOTAL 6 - 12	676	675	667	660	675	629	620	589	577	542	517
% CHANGE		-0.1%	-1.2%	-1.0%	2.3%	-6.8%	-1.4%	-5.0%	-2.0%	-6.1%	-4.6%

note: data for all years provided by the district

MIGRATION	13 - 14	14 - 15	15 - 16	16 - 17	17 - 18	18 - 19	19 - 20	20 - 21	21 - 22	22 - 23	AVERAGE
6 - 7	99.1%	96.8%	100.0%	102.2%	99.0%	103.5%	95.7%	97.4%	95.9%	102.5%	99.0%
7 - 8	101.0%	98.2%	103.3%	101.0%	105.5%	101.0%	106.8%	98.9%	96.1%	102.8%	101.1%
8 - 9	96.7%	95.1%	96.4%	95.7%	94.8%	97.9%	93.8%	98.4%	94.3%	98.6%	96.6%
9 - 10	100.0%	103.4%	99.0%	105.7%	94.4%	98.9%	98.9%	97.8%	88.7%	98.8%	98.6%
10 - 11	96.0%	104.9%	103.3%	100.0%	98.2%	97.6%	98.9%	96.8%	100.0%	109.1%	98.8%
11 - 12	99.0%	99.0%	97.7%	96.8%	96.9%	94.5%	100.0%	105.6%	98.9%	100.0%	99.8%

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NORTH SALEM MIDDLE SCHOOL/HIGH SCHOOL
PROJECTED ENROLLMENT

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GRADE	Oct-23	Oct-24	Oct-25	Oct-26	Oct-27	Oct-28	Oct-29	Oct-30	Oct-31	Oct-32	Oct-33
	Actual										
SIXTH	61	70	80	72	87	76	87	90	87	90	83
SEVENTH	81	60	69	79	71	86	75	86	89	86	89
EIGHTH	73	82	61	70	80	72	87	76	87	90	87
TOTAL 6 - 8	215	212	210	221	238	234	249	252	263	266	259
% CHANGE		-1.4%	-0.9%	5.2%	7.7%	-1.7%	6.4%	1.2%	4.4%	1.1%	-2.6%
NINTH	72	71	79	59	68	77	70	84	73	84	87
TENTH	81	71	70	78	58	67	76	69	83	72	83
ELEVENTH	60	80	70	69	77	57	66	75	68	82	71
TWELFTH	89	60	80	70	69	77	57	66	75	68	82
TOTAL 9 - 12	302	282	299	276	272	278	269	294	299	306	323
% CHANGE		-6.6%	6.0%	-7.7%	-1.4%	2.2%	-3.2%	9.3%	1.7%	2.3%	5.6%
TOTAL 6 - 12	517	494	509	497	510	512	518	546	562	572	582
% CHANGE		-4.4%	3.0%	-2.4%	2.6%	0.4%	1.2%	5.4%	2.9%	1.8%	1.7%

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NORTH SALEM MIDDLE SCHOOL/HIGH SCHOOL
 SECTIONAL ANALYSIS FOR REGULAR INSTRUCTION OF GRADES 6 - 12

based on maximum class sizes of 26 for grades 6 - 12

GRADE	Oct-23	Oct-24	Oct-25	Oct-26	Oct-27	Oct-28	Oct-29	Oct-30	Oct-31	Oct-32	Oct-33
Sixth - Eighth (26)	215	212	210	221	238	234	249	252	263	266	259
# of Core Rooms		9	9	9	10	9	10	10	11	11	10
Avg Section Size		23.6	23.3	24.6	23.8	26.0	24.9	25.2	23.9	24.2	25.9
Core Rooms = ELA, Math, Science, Social Studies, Language, Health, Computer, Special Ed											
Ninth - Twelfth (26)	302	282	299	276	272	278	269	294	299	306	323
# of Core Rooms		11	12	11	11	11	11	12	12	12	13
Avg Section Size		25.6	24.9	25.1	24.7	25.3	24.5	24.5	24.9	25.5	24.8
Core Rooms = ELA, Math, Science, Social Studies, Language, Health, Computer, Special Ed											
Total 6 - 12 Enrollment	517	494	509	497	510	512	518	546	562	572	582
Total 6 - 12 Core Rooms		20	21	20	21	20	21	22	23	23	23
Avg Section Size		24.6	24.1	24.8	24.3	25.6	24.7	24.9	24.4	24.8	25.4

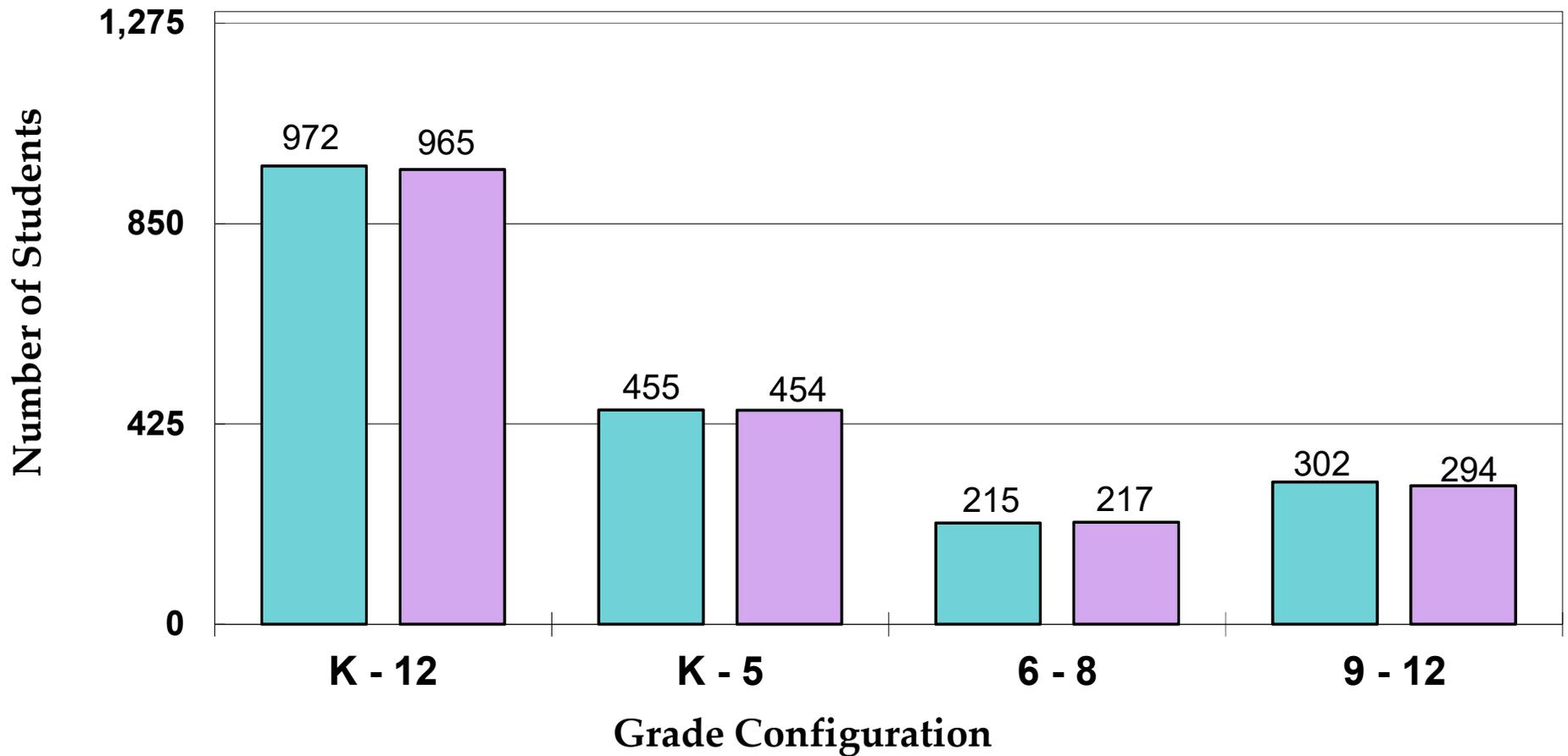
Note: The boxed cells indicate the average section size is approaching the maximum class size for the grade level.

Appendix B

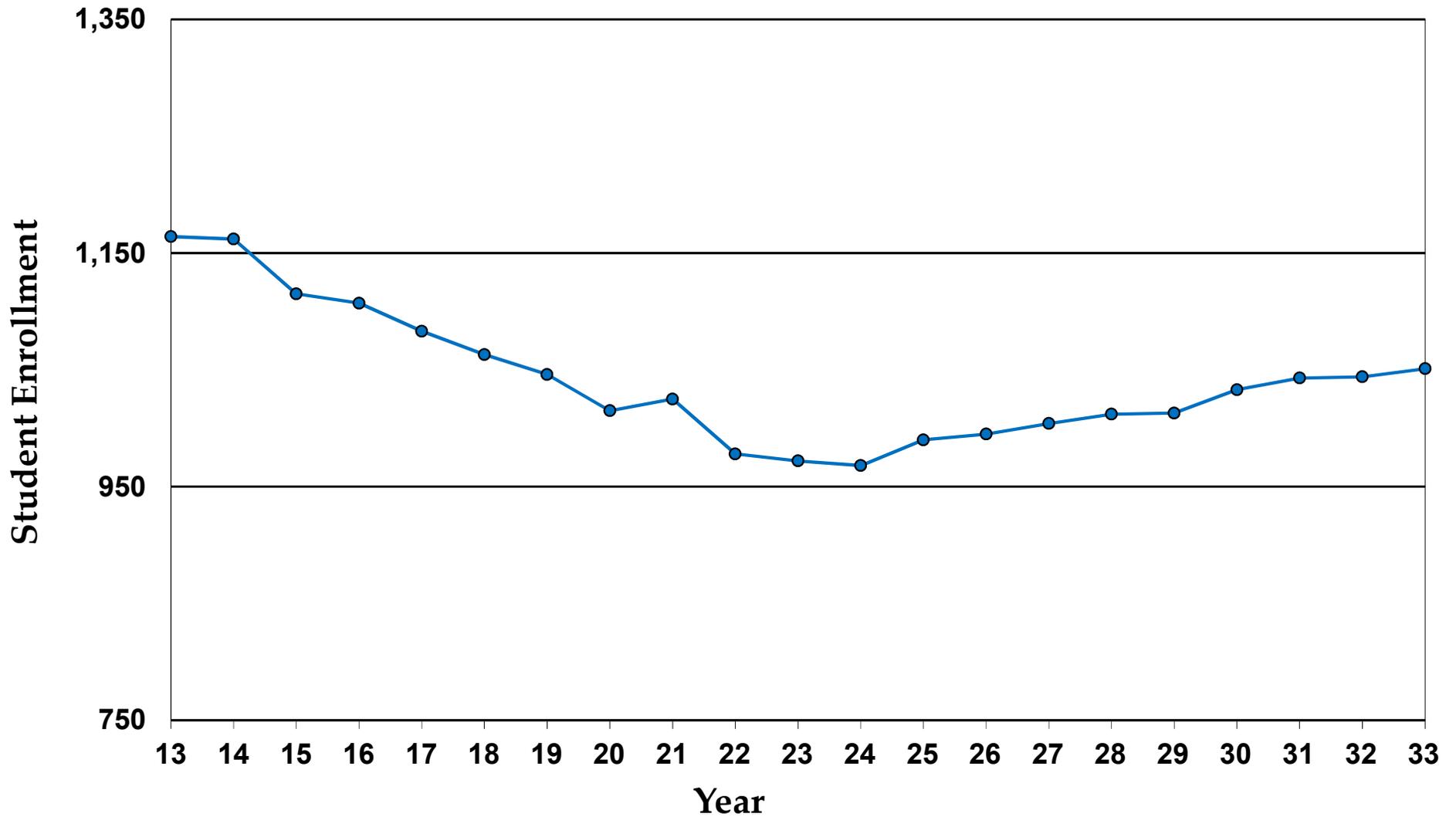
North Salem Central School District

Accuracy of 2022-23 Western Suffolk BOCES Projections for 2023-24

2023-24 Enrollment

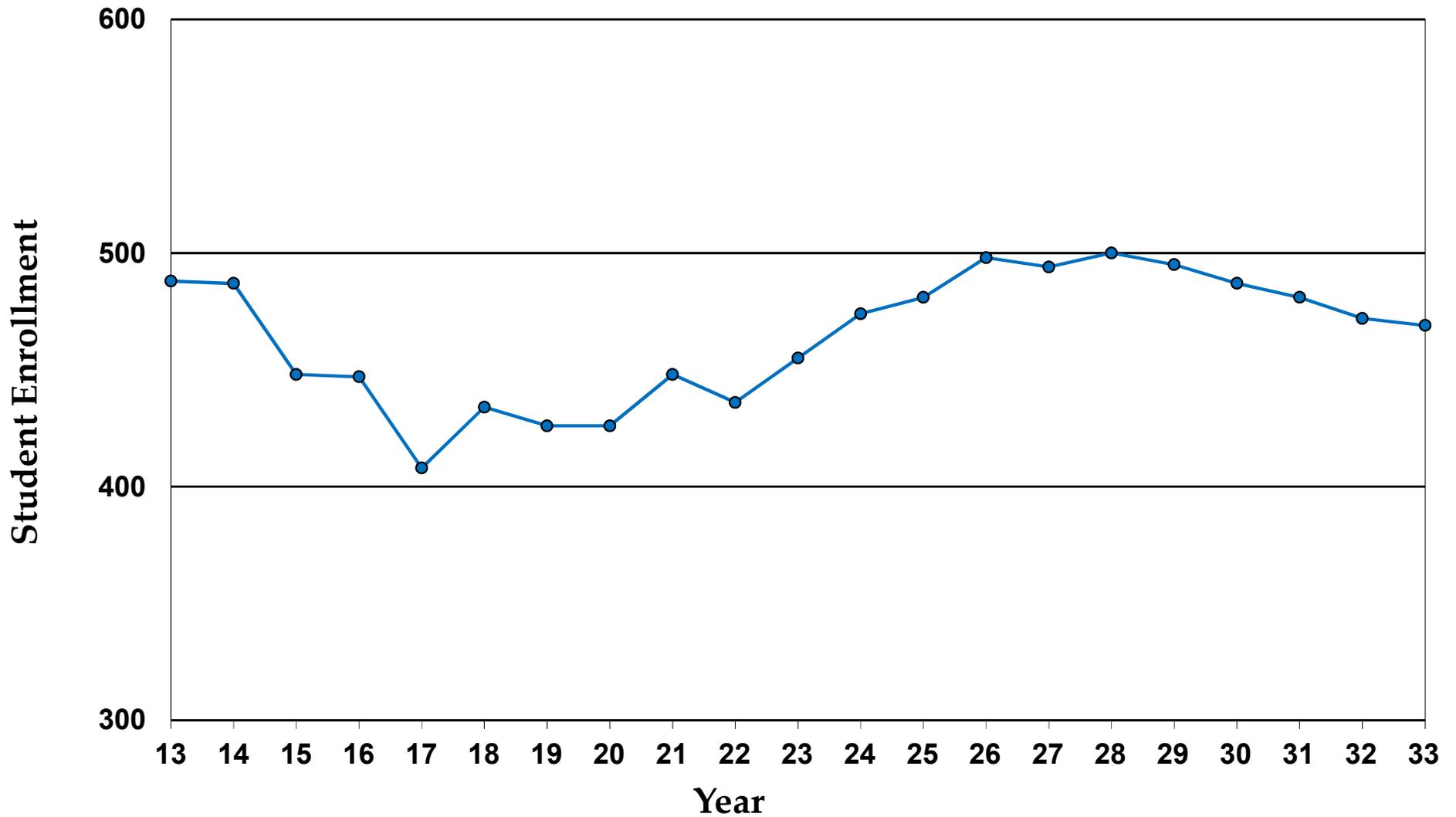


North Salem Central School District Enrollment: Grades K - 12



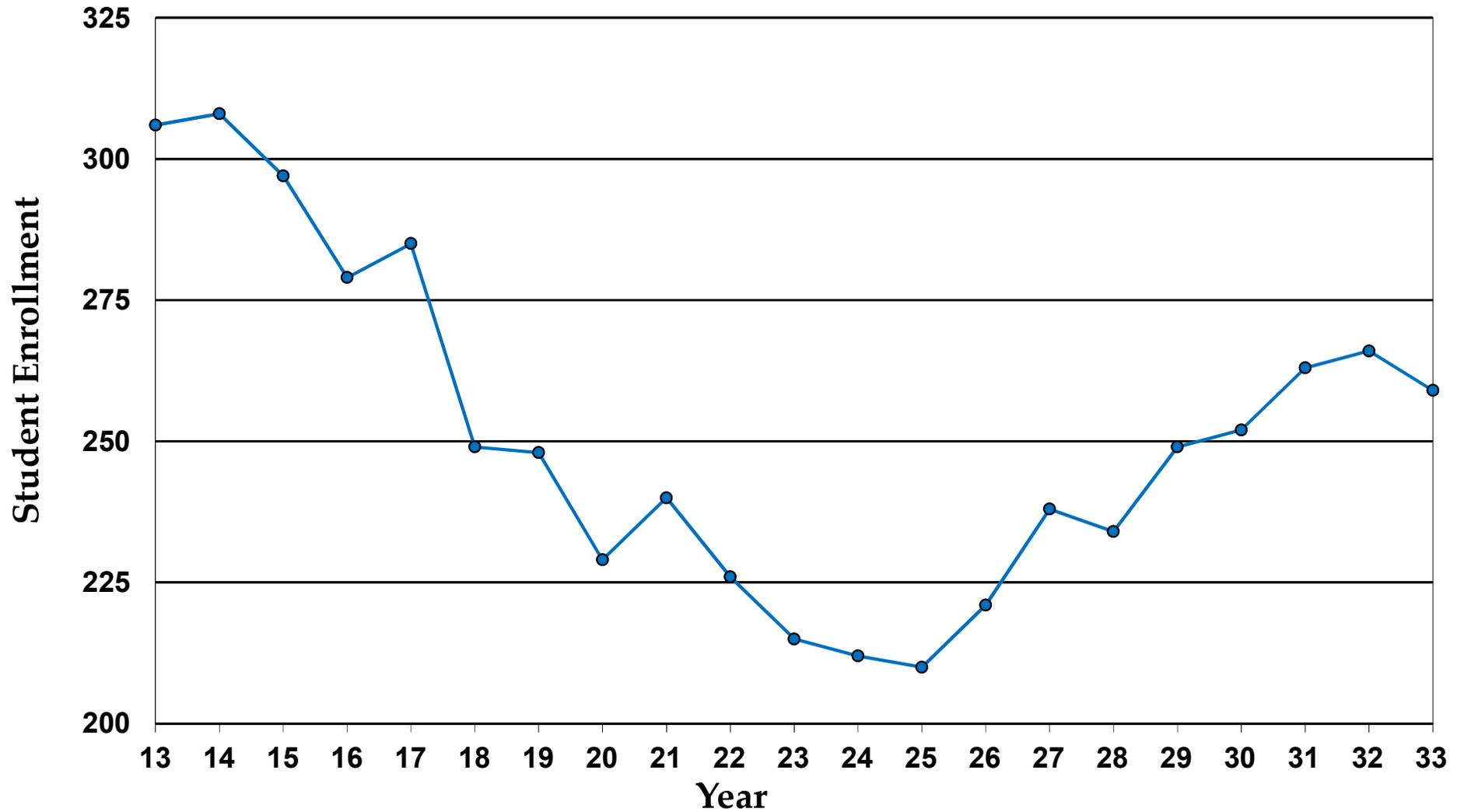
North Salem Central School District

Enrollment: Grades K - 5



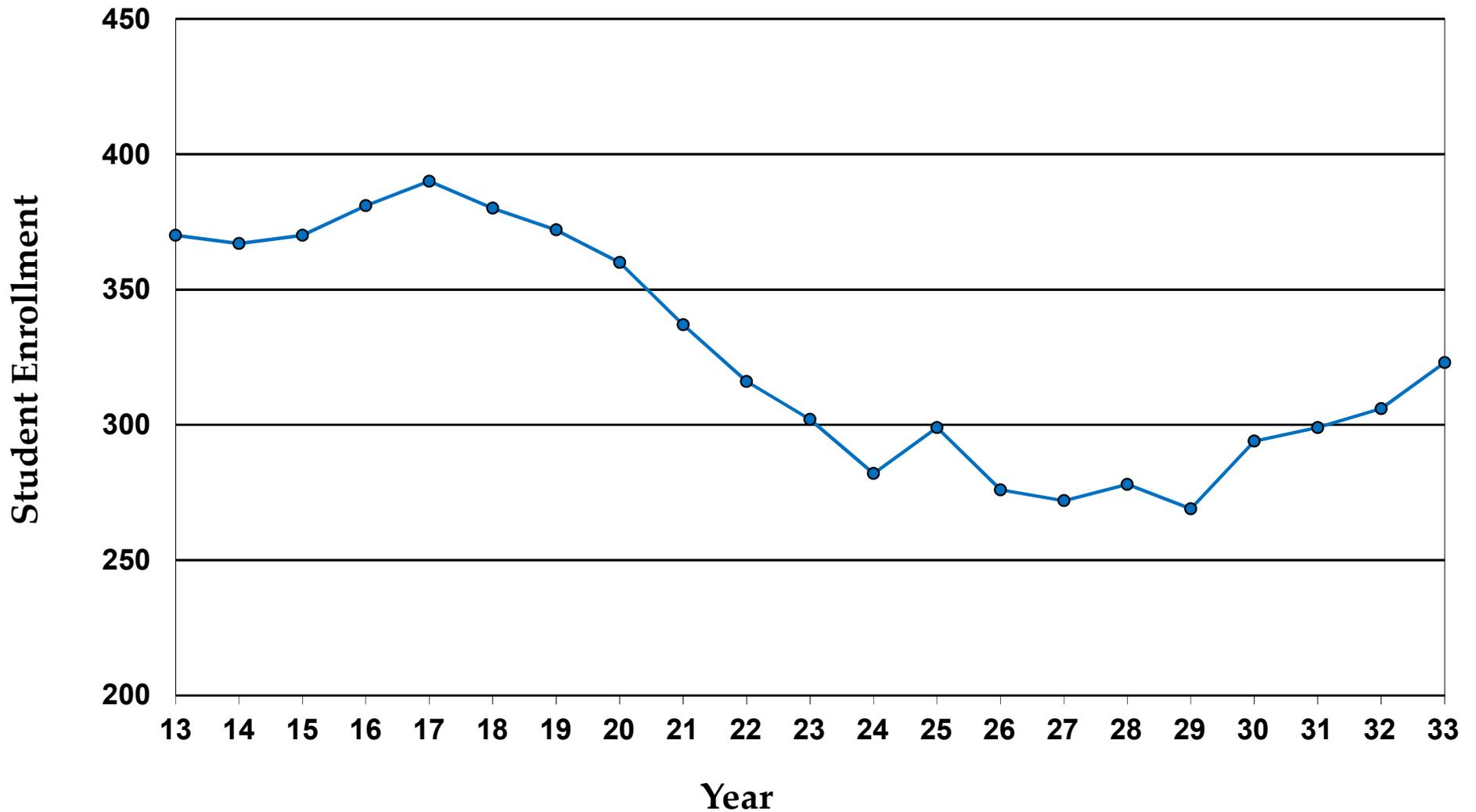
North Salem Central School District

Enrollment: Grades 6 - 8

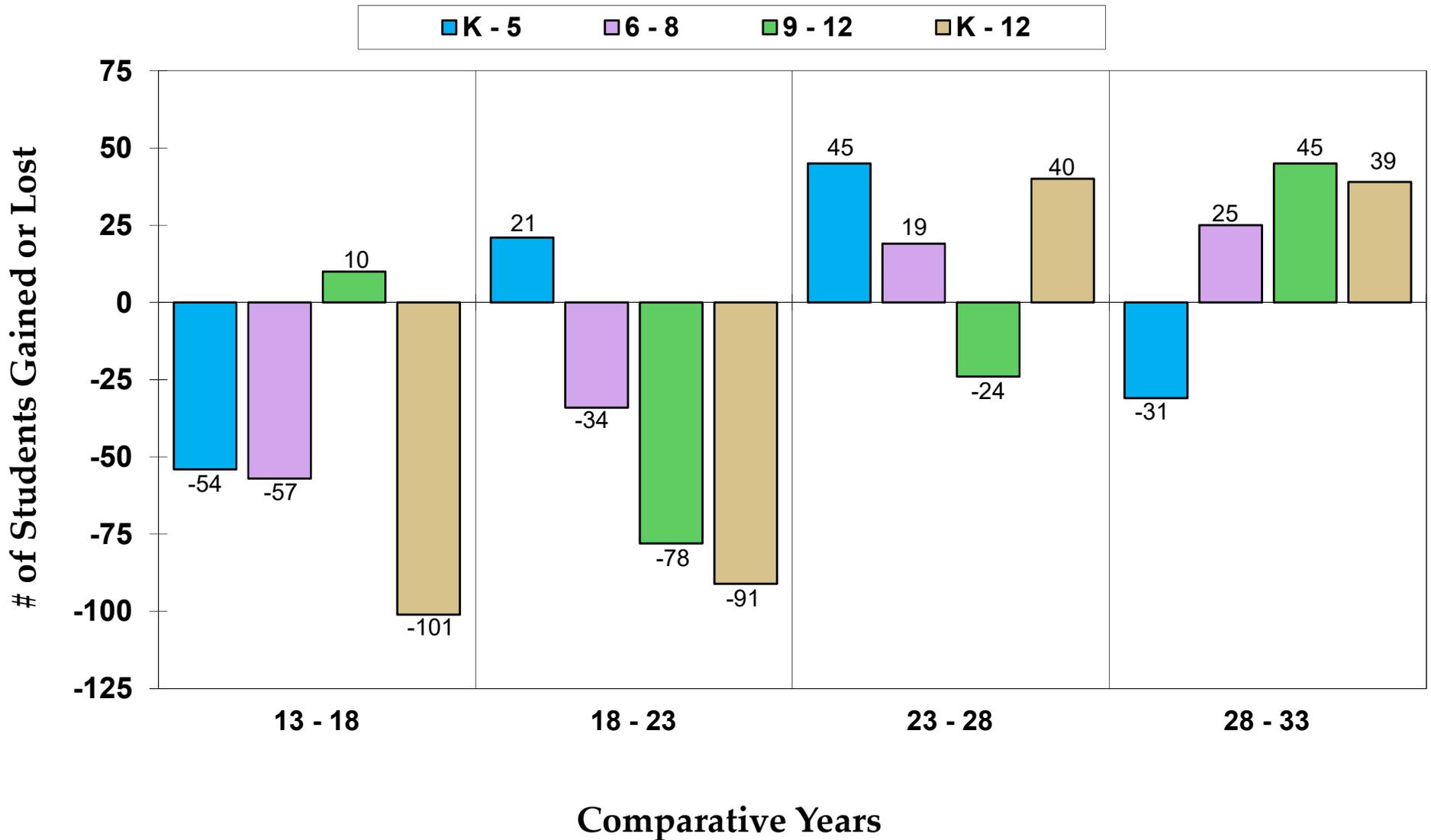


North Salem Central School District

Enrollment: Grades 9 - 12



North Salem Central School District Enrollment Change 2013 - 2033



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