

# LONG RANGE PLANNING STUDY

# NORTH SALEM

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## CENTRAL SCHOOL DISTRICT

2021 – 22  
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 2021-22

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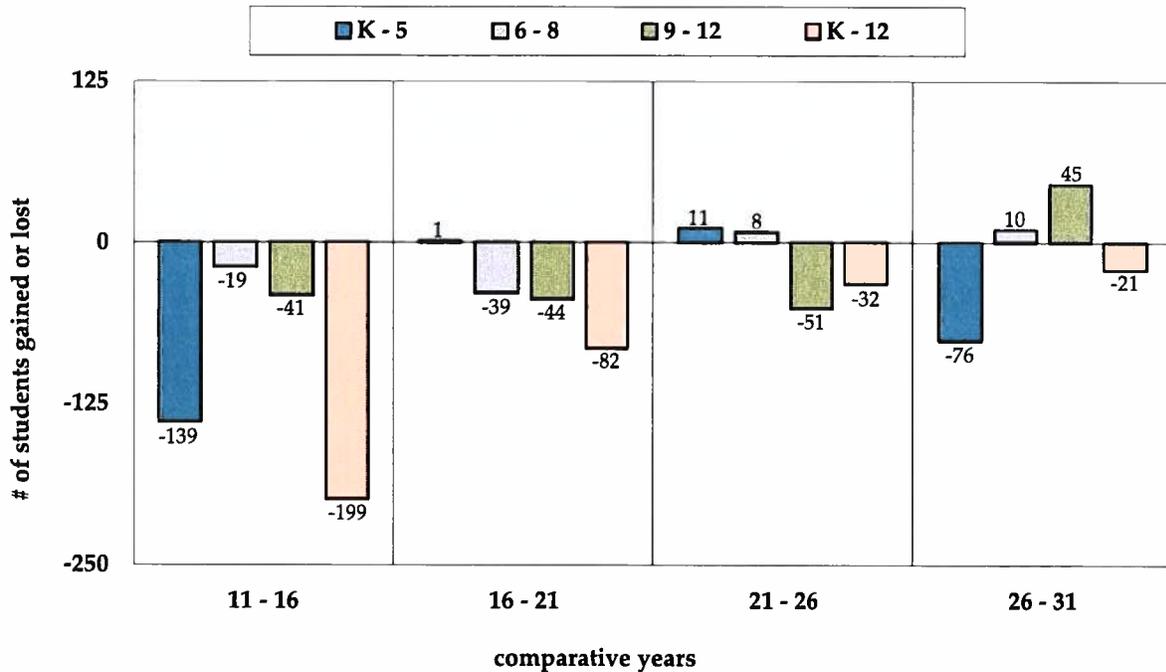
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### North Salem Central School District Enrollment Change 2011 - 2031



The North Salem Central School District has shown an overall loss of 281 students, or 21.5 percent between 2011 and 2021. During the historical period, enrollment decreased 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 remain stable, 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, the middle grades are expected to remain stable, and the high school grades are anticipated to gain students. The projected 2031 enrollment of 972 students represents an overall loss of 53 students, or 5.2 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 2031.

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 2020-21 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. Irene Bradley, Program Specialist, prepared the report. Denise Facilla, Educational Planning Assistant, provided research assistance and prepared the report for printing.

Dr. Kenneth Freeston, Superintendent of Schools, provided access to district records. Barbara Briganti, Assistant Superintendent for Business Administration, compiled the necessary data for the study and acted as district liaison, thus enabling the study to accomplish its objectives.

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

Brookings Institution  
Center for Immigration Studies  
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, Division of Vital Statistics  
National Home Education Research Institute  
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  
One Key MLS  
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 Customs and Border Protection  
United States Census Bureau  
United States Department of Education  
U.S. Department of Housing and Urban Development

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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 is expected to experience a decrease in enrollment during the projection period 2022 - 2031. This enrollment decline is accounted for by declining births and changing resident characteristics.*

## A. BIRTHS

Data released by the *National Center for Health Statistics* shows that there were 3,613,647 births recorded in 2020; this is the lowest number of recorded births since 1979 and a decrease of 3.6 percent when compared to the previous year. In 2020, a decrease was also recorded in the general fertility rate at 56.0 births per 1,000 women between the ages of 15 and 44; this represents the lowest fertility rate on record and compares to the peak fertility rate of 122.7 births in 1957, during the Baby Boom years.

Since the *Great Recession* from 2007 - 2009, lower births have been connected to several factors, including significant student loan debt and higher housing costs, which consequently 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. Lower births have also been attributed to a noteworthy drop in teenage births. In 2020, the teen (15 - 19) birth rate of 15.3 represents a decline of seventy-five percent when compared to the peak teen birth rate of 61.8 recorded in 1991.

*The Brookings Institution* reported in May 2021 that births are expected to further decrease as a result of the Covid-19 pandemic. The *Brookings* analysis estimates that a drop of 300,000 - 500,000 births is possible in 2021, as women opt to postpone or forego a pregnancy. This projection is based on an analysis of birth patterns during historical events, such as the *1918 Spanish Flu* and the *Great Recession*.

Another aspect that has impacted birth rates has been a shift in fertility patterns amongst minority groups. Between 2000 and 2020, fertility rates have fallen for all racial/ethnic groups, with the most substantial decline reported in the Hispanic segment, which dropped from a peak of 98 births in 2006 to 63 births in 2020. Birth rates for NHOPI (Native Hawaiian or other Pacific Islander) women were the highest with 73 births per 1,000 women, followed by Hispanic women (63 births), Blacks (59 births), Whites (53 births), AIAN (American Indian/Alaska Native) women (52 births) and Asian women (50 births).

Data from the *National Center for Health Statistics* shows that birth rates for all age groups (15 - 44) were lower in 2020, when compared to the previous year, with a significant decrease of eight percent recorded in the 15 - 19 age group.

Birth rates were highest for women aged 30 - 34 (94.8 per 1,000 women) in 2020, followed by women aged 25 - 29 (93.7) and women aged 20 - 24 (62.8); the birth rates in each of these age groups are lower than reported in the previous year. Notably, prior to 2016 women between the ages 25 - 29 had the highest birth rate.

Consistent with national birth trends, recent data indicates that the state of New York recorded a birth decline of 19 percent between 2000 (258,455 births) and 2020 (209,172 births). Between 2019 and 2020, births decreased 5.6 percent; this is the largest yearly decline of the 20-year historical period (2020 data is provisional).

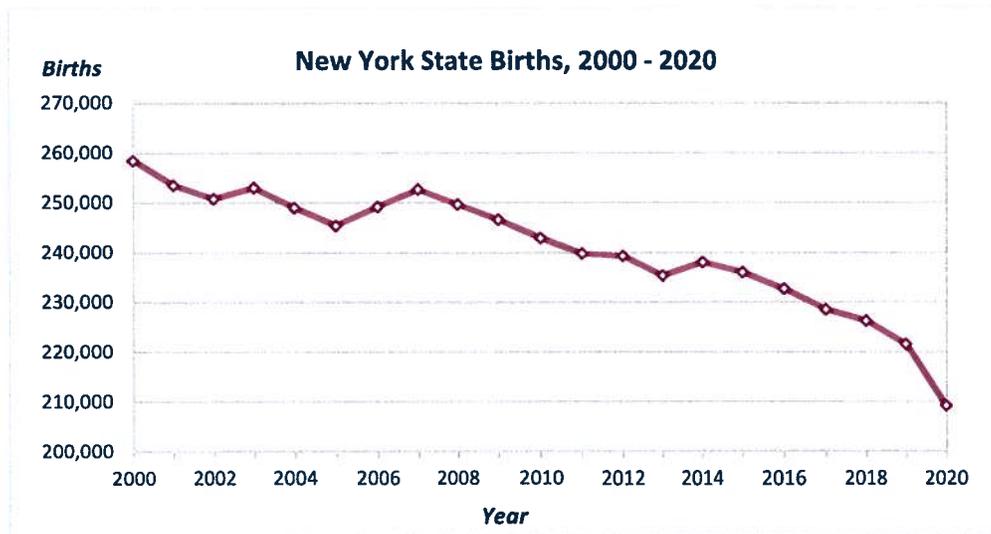


Figure 1 - New York State Births, 2000 - 2020  
 Note: 2020 data is provisional

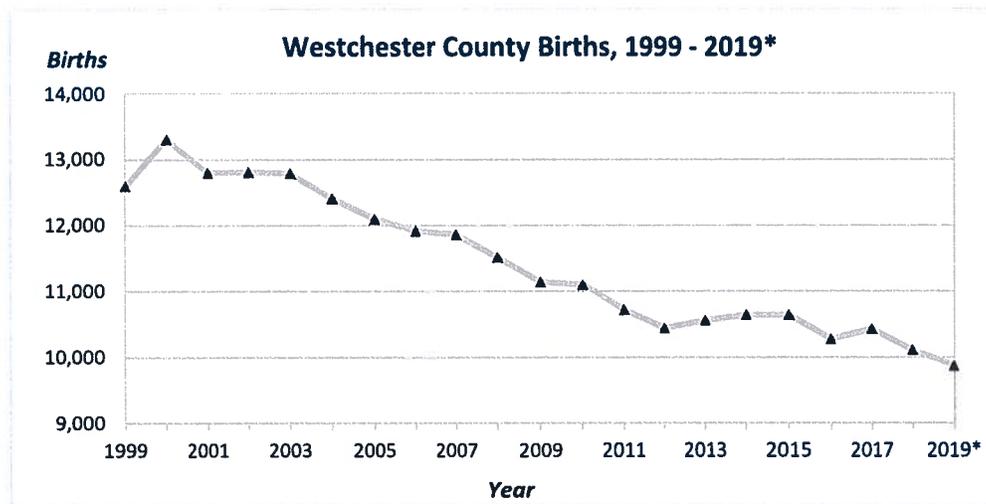


Figure 2 - Westchester County Births, 1999 - 2019  
 \*2019 data is provisional & 2020 data is not yet available

Figure 2 shows that Westchester County recorded 12,598 births in 1999. A gain the following year resulted in the historical (1999 - 2019) peak of 13,300 births in 2000. Since then, births have declined almost 26 percent, with 9,880 births recorded in 2019; this is the lowest level of the historical period (county birth data for 2020 has not yet been released).

As shown in Table 1, within the North Salem Central School District, the number of births peaked in 2006 when 68 births were recorded; subsequently, from 2007 through 2019, the number of births has fluctuated within 41 - 66 (district birth data for 2019 is provisional and 2020 data is not yet available).

**Table 1 - Births in the North Salem CSD 2006 - 2019**

<b>Year</b>	<b>North Salem CSD</b>	<b>Towns of North Salem, Somers &amp; Southeast</b>
2006	68	421
2007	66	428
2008	55	377
2009	63	351
2010	45	332
2011	42	313
2012	43	298
2013	65	339
2014	47	338
2015	47	363
2016	58	347
2017	41	322
2018	51	332
2019	58	n/a

Source: NYS Dept. of Health

Note: The NYS DOH has not yet issued town birth data for 2019 & 2020 & school district birth data for 2020

## **B. POPULATION**

According to *2020 Census* data, there were 331.5 million people living in the United States as of July 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 1930's. The growth rate has been impacted by lower fertility rates, lower immigration rates since the *Great Recession*, and increased mortalities among baby boomers. *Census Bureau* projections indicate that the United States population is expected to continue to grow more slowly, with an increase of 74.5 million people forecasted between 2020 and 2060. The population is expected to reach 404 million people by 2060.

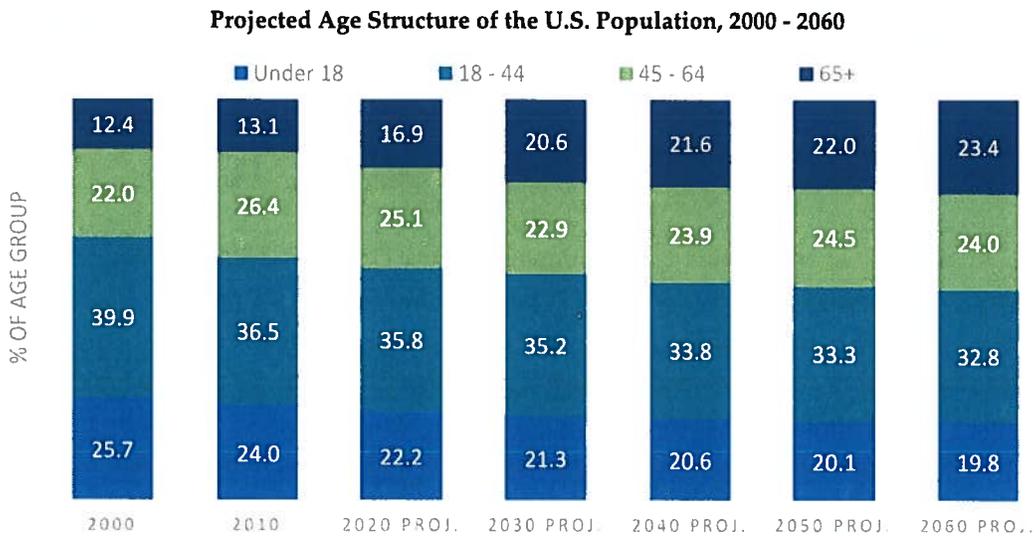
New York State's population totaled approximately 20.2 million people as of July 2020, reflecting a gain of approximately 823,000 people (4.2 percent), when compared to the *2010 Census*. New York is the fourth most populous state in the country, following California (39.5 million people), Texas (29.1 million people) and Florida (21.5 million people). Prior to 2014, New York had been the third most populous state.

Westchester County's population totaled more than 1,000,000 people as of July 2020, reflecting a gain of more than 55,000 people, or 5.8 percent, since the *2010 Census*. Westchester County ranks seventh in population among New York's 62 counties.

Between 2010 and 2020, the Towns of Somers and North Salem recorded population gains of 5.4 percent and 2.7 percent, respectively; however, the Town of Southeast recorded a population loss of 1.9 percent. The number of residents in the North Salem Central School District remained stable during the same period, with an estimated 7,429 residents living within the district in 2020.

According to *Census Bureau* projections for 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 17 percent in 2020 and is expected to grow to more than 23 percent of the total population in 2060. The 45 - 64 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 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: *Census Bureau*

Census Bureau estimates indicate that in New York State, between 2010 and 2020, the 19 and under segment decreased from approximately 25 to 23 percent of the population; however, during the same period, the segment of residents aged 65-and older grew from 13 to 17 percent.

In Westchester County, population trends reflect those of New York State and the nation. Between 2010 and 2020, the 19 and under age segment decreased from 26.5 to 24.1 percent of the population; however, during the same period, the 65-and older segment grew from approximately 15 percent to nearly 18 percent of residents. The age structure of the resident population in the North Salem Central School District has also shifted between 2010 and 2019 (latest available data); the segment of residents aged 19 years or younger decreased from 27.0 to 23.3 percent, while the percentage of residents aged 65+ increased from 15.6 to 19.5 percent.

The median age in Westchester County has increased from 40.0 years in 2010 to 41.5 years in 2020; this is greater than the United States median age of 38.6 years and the New York State median age of 39.4 years. The median age in the North Salem Central School District was 48.2 years in 2019 (latest available data).

According to *Census* estimates, there were approximately 44.9 million foreign born residents living in this country in 2019, which is more than any other country in the world. As shown in Table 2, the foreign-born population in the United States has grown significantly between 1970 and 2019, increasing from approximately 9.6 million people to 44.9 million people. The immigrant portion of the total United States population grew from 4.7 to 13.6 percent, during this period. *Census Bureau* projections indicate that the foreign-born population will continue to grow to an estimated 69.3 million people by 2060, accounting for 17.1 percent of the United States population.

**Table 2 - Foreign-Born Population in the United States from 1970 to 2060**

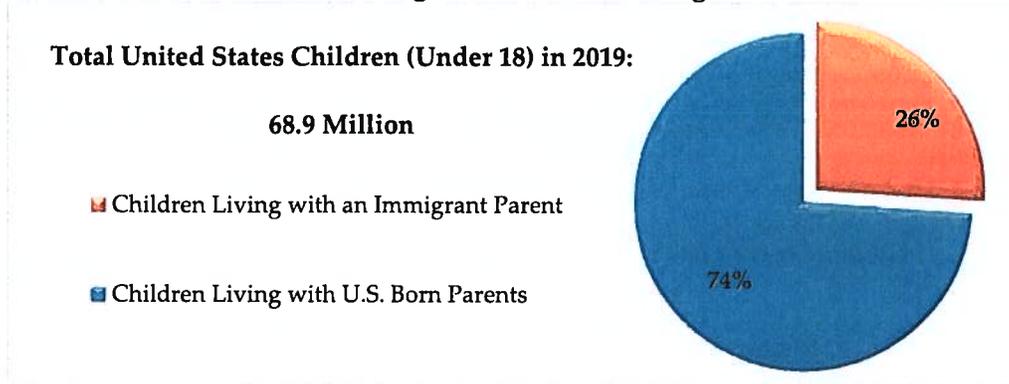
Year	1970	1980	1990	2000	2010	2019	2020	2030	2040	2050	2060
<b>Number of Immigrants (Millions)</b>	9.6	14.1	19.8	31.1	38.7	44.9	46.7	53.8	60.2	65.3	69.3
<b>Immigrant Share of Total U.S Population</b>	4.7%	6.2%	7.9%	11.1%	12.7%	13.6%	14.0%	15.1%	16.1%	16.8%	17.1%

*Sources: Census Bureau & Center for Immigration Studies*

As of 2019, the majority of the foreign-born population in the United States has immigrated from Latin America (nearly 51 percent), followed by Asia (31 percent) and Europe (11 percent). This is a significant shift since 1960, when 75 percent of immigrants were from Europe, nine percent were from Latin America and five percent were from Asia. However, in most years since 2010, more immigrants have migrated from Asia than from Latin American countries. Beginning with the *Great Recession* followed by impacts from the COVID-19 pandemic, immigration from Latin America has slowed considerably, particularly from Mexico. The Asian population is expected to continue growing and is projected to become the largest immigrant group in the United States by 2055, surpassing Hispanics. Data from the *Pew Research Center* estimates that by 2065, Asians are expected to comprise 38 percent of all immigrants in this country, while Hispanics are expected to comprise 31 percent. Forty-five percent of Asians in the United States live in the west, followed by the south (24 percent), northeast (19 percent) and Midwest (12 percent).

The *Migration Policy Institute* reported that 17.8 million children under age 18 lived with at least one foreign-born parent in the United States in 2019. The five states with the greatest numbers of children under age 18 living with immigrant parents were California (4 million), Texas (2.4 million), New York (1.4 million), Florida (1.4 million) and New Jersey (769,000).

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

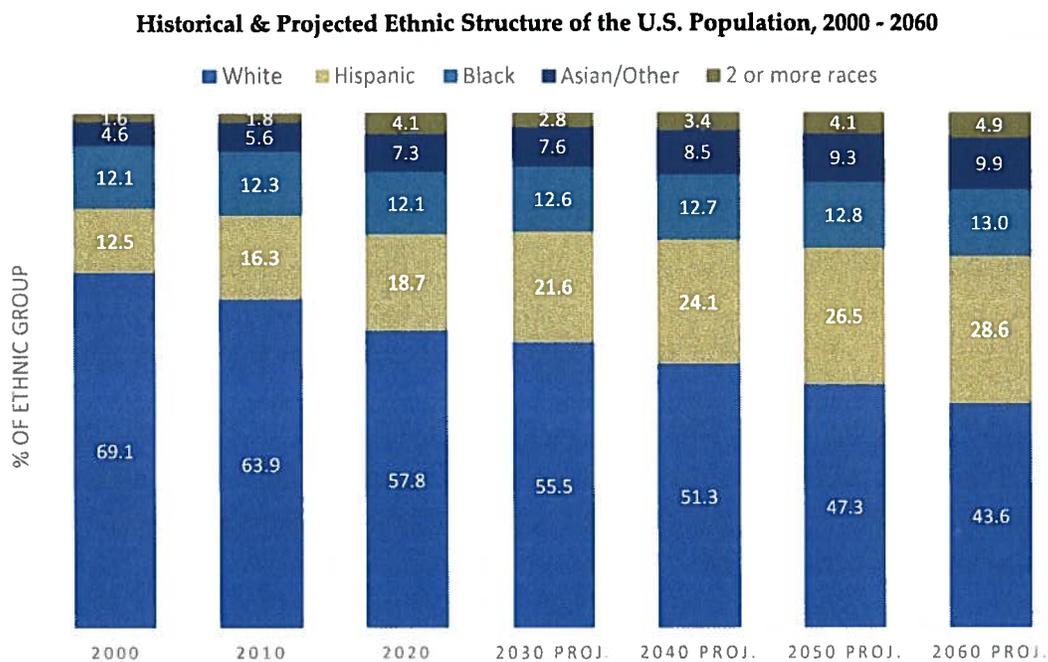


*Figure 4 - U.S. Children in Immigrant Families*  
*Source: Migration Policy Institute*

The foreign-born population in New York State increased by 5.7 percent between 2010 and 2019, growing from approximately 4.2 million people in 2010 to more than 4.4 million people in 2019, accounting for an estimated 22.6 percent of residents. The foreign-born population in New York is comprised of approximately 49 percent of people from Latin America, 29 percent from Asia and 16 percent from Europe. In Westchester County, the foreign-born population increased from 24.3 to an estimated 25.5 percent between 2010 and 2019. According to Census Bureau estimates, the foreign-born population in the North Salem Central School District grew between 2010 and 2019 (latest available data), increasing from 9.5 to 13.4 percent of the resident population.

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, is expected to result in an increasingly diverse population in the near future.

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 minority groups. By 2060, the combined 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, Hispanics were the largest minority group, comprising nearly 19 percent of the population, followed by Blacks (12.1 percent), Asian/others (7.3 percent) and those identifying themselves as two or more races (4.1 percent). The Hispanic segment is expected to continue to be the largest 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.



*Figure 5 - Historical & Projected Ethnic 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, the White segment comprised approximately 53 percent of the population in 2020, down from 58 percent in 2010, while the minority segments comprised approximately 47 percent of State residents. Hispanics are the largest minority group at nearly 20 percent, followed by Blacks (13.7 percent), Asian/others (10.8 percent) and those identifying themselves 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.

The ethnic composition within Westchester County has also shifted between 2010 and 2020. The White segment of the population decreased from approximately 57 to less than 50 percent, while the Hispanic and Asian/others segments of the population increased from 22 to 27 and from 6 to 7 percent, respectively. The Black segment remained stable during this period, representing 13 percent of the population, while less than 4 percent of residents identified themselves as two or more races.

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

## C. HOUSING

Real estate markets in many areas of the country continue to feel the impact of the COVID-19 pandemic. The historically tight supply of inventory, coupled with high demand, has caused housing prices to rise steeply, especially in the New York metropolitan area. Rising home costs are preventing many young adults from being able to purchase a home as they are faced with limited funds and substantial college debt.

Data from *the New York State Association of Realtors (NYSAR)* indicates closed sales in New York State were down 4.6 percent in September 2021 when compared to the prior year; however, the median sale price also increased in September to \$378,000, representing a year-over-year increase of 18.5 percent. Growth in median sale prices is likely to persist, due to a limited supply of available inventory in many areas. Statewide, the number of homes for sale fell by 21.9 percent in September 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 3.2-month supply of available inventory as of September 2021.

As shown in Table 3, in September, the residential real estate market in Westchester County posted a monthly year-to-year sales loss of 4.7 percent; there were 1,010 completed home sales reported for the month, compared to 1,060 the previous September. . However, the median sale price (for single family homes) was \$785,000 in September, reflecting a gain of 2.3 percent when compared to the previous year.

**Table 3 - Number of Home Sales and Median Prices in Westchester County**

County	September 2021		September 2020		Change	
	# Sales	Median Price	# Sales	Median Price	# Sales	Median Price
Westchester County	1,010	\$785,000	1,060	\$767,000	-4.7%	2.3%

Source: One Key MLS

\*Median price does not include condo and co-op prices

As shown in Table 4, housing turnover in the North Salem Central School District was at the lowest level of the historical period (2009 - 2020) in 2009 when 38 units were sold. Sales increased to the highest level of the period last year in 2020, when 109 units were sold; this increase may be reflective of families that have relocated from New York City to more rural settings during the Pandemic. The median sale price was \$620,000 in 2020; this is nearly 14 percent higher when compared to the previous year.

**Table 4 - Home Sales in the North Salem CSD 2009 - 2020**

<b>Year</b>	<b>Number Sold</b>	<b>Median Price</b>
2009	38	\$570,500
2010	44	\$610,750
2011	45	\$635,000
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	109	\$620,000

Source: NYS Office of Real Property Services

Housing data for the area encompassed by the North Salem Central School District indicated that in 2019 (latest available data), 91.5 percent of the total housing was occupied and 8.5 percent was vacant. Occupied housing can be inhabited by the owner of the house or a renter. In 2019, approximately 81.5 percent of housing in the district was owner occupied and 18.5 percent was renter occupied. This compares to Westchester County where in 2019, approximately 61 percent of housing was owner occupied and 39 percent was renter occupied.

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. As shown in Table 5, the Town of North Salem reported that there has been little activity on previously reported projects and no new projects within the district boundaries. The Town of Southeast reported that there are no new proposals before the planning board; the Town of Somers did not provide an update on previously reported projects.

**Table 5 - Approved and Proposed Housing in the North Salem CSD**

<b>Project Name</b>	<b># of Units</b>	<b>Status</b>
<i>Town of North Salem</i>		
Gilport	7 lots (previously 8)	Final approval August 4, 2021
Hawley Woods	3 lots	Final approval pending
<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

Data reported by the *Census Bureau* shows that the homeownership rate for the second quarter of 2021 was 65.4 percent; this compares to 67.9 percent during the second quarter of 2020 and the ten-year (2010-2020) low of 62.9 percent recorded in 2016. In the second quarter of 2021, the homeownership rate was highest among individuals aged 65+ (79.6 percent), followed by the 55 - 64, 45 - 54 and 35 - 44 age segments, with homeownership rates of 75.4, 69.4 and 61.3 percent, respectively. Young adults under the age of 35 recorded the lowest homeownership rate at 37.8 percent in the second quarter of 2021. It should be noted that each age segment recorded a lower homeownership rate when compared to the second quarter of 2020.

Data from the *Pew Research Center* shows that a majority (52 percent) of young adults (18-29 years) lived with their parents in 2020; this is the highest level recorded for this age group since the *Great Depression*. This trend has increased since the onset of the COVID-19 pandemic; however, as shown in Figure 6, growth in this area has been seen since 1960, when the share of young adults living with their parents was 29 percent. It should be noted that these numbers do not include adult children between the ages of 18 and 24 that are enrolled in school.

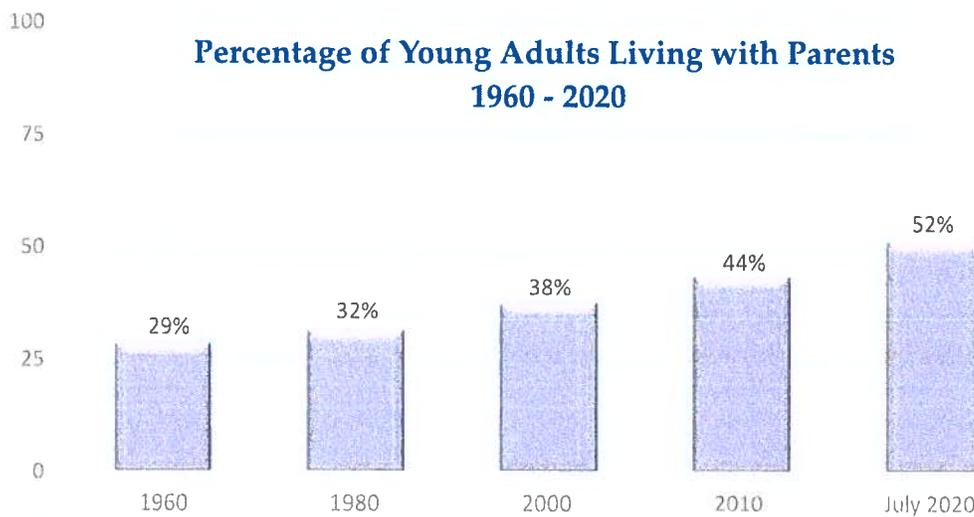


Figure 6 - Percentage of Young Adults Living with Parents 1960 - 2020  
Source: Pew Research Center

## D. NON-PUBLIC SCHOOL ENROLLMENT

Enrollment data from the *Census Bureau* shows that there were 5.7 million K - 12 students (10.7 percent of all school-age children) attending private schools in the United States during the 2019-20 school year (latest available data). Private school enrollment declined by nearly 300,000 students between 2010 and 2019, with further losses expected in the future.

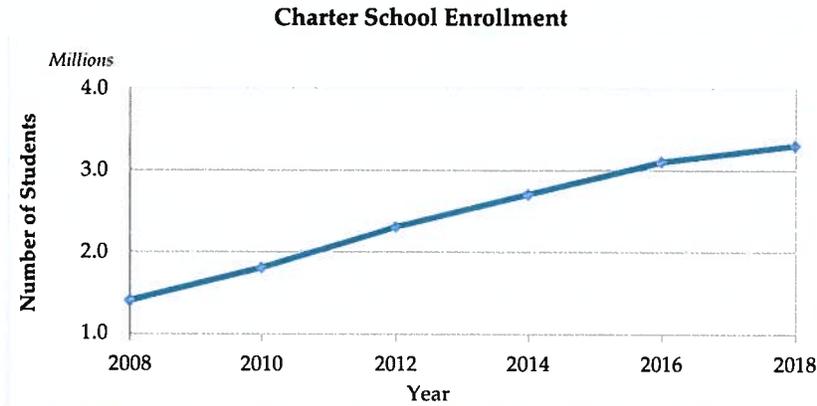
According to the *NYS Education Department*, private schools in New York State enrolled approximately 353,000 students in 2019. This reflects a decrease of 13.2 percent since 2010, when nearly 408,000 students attended private schools, and represents approximately 13 percent of all NY State school age children (*data does not include students enrolled in charter schools*).

Between the 2010-11 and 2020-21 school years, non-public school enrollment in Westchester County decreased from approximately 13 to 10.5 percent of all school age children (*data does not include students enrolled in charter schools*).

This year, 40 North Salem School District resident students (3.8 percent) are attending non-public schools. Private school enrollment has declined since 2010, when 99 children, or 7.0 percent of North Salem resident students, attended non-public schools.

Steady drops in Catholic school enrollment have impacted private school enrollment. Catholic school enrollment was at its peak in the early 1960's, when more than 5.2 million students were enrolled. Declines have occurred since then, with a significant decrease of 111,000 students recorded last year (2020-21); this is the largest single year drop since the 1972-73 school year. This recent decline impacted primarily lower income communities, where parents were unable to pay tuition during the pandemic. However, some Catholic schools (as well as other independent schools) recorded gains in enrollment last year as parents opted for full-time in-person instruction offered at most private schools.

Growth in the number of charter schools throughout the United States has also impacted private school enrollment. Charter schools offer a tuition-free alternative to traditional public-school settings, while often providing individualized instruction offered in private schools. As shown in Figure 7, data from the *National Alliance for Public Charter Schools* shows that charter school enrollment increased significantly between 2008 and 2018 (latest available data), growing from 1.4 to 3.3 million students. In 2018, there were approximately 7,500 charter schools in the United States, enrolling 6.5 percent of all public-school students.



*Figure 7 - Charter School Enrollment*

The *New York State Education Department*, reported that for the 2021-22 school year there are 354 charter schools serving over 150,000 students in New York State, with an additional 50 charter schools approved to open in in the near future. At the present time, there are two charter schools in operation in Westchester County, located in Mount Vernon City and Yonkers City.

## 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 2011 - 2021 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 County, 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 - 80 homes each year is anticipated to continue.
2. Through 2025, kindergarten classes will be maintained close to the levels seen in recent years, relative to housing turnover and continued changes in the population; smaller kindergarten cohorts are expected from 2026 through 2031.
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 (2022 - 2026) 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 2020-21 Western Suffolk BOCES study and the actual enrollment observed in the 2021-22 school year. As shown in *Appendix A-1* and Table 6, the 2020-21 study projected the 2021-22 K - 12 enrollment at 1,013 students, while there were actually 1,025 students enrolled. This projection was within 12 students of the actual enrollment, reflecting accuracy within 1.2 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 10 students, or 2.2 percent; the 6 - 8 grade configuration was projected within three students, or 1.3 percent; and the 9 - 12 grade configuration was projected within five students, or 1.5 percent, when compared to the actual enrollment.

**Table 6 - Accuracy of the Western Suffolk BOCES 2020-21 Projections for 2021-22**

Grades	2021-22 Actual	2021-22 Projected	Difference	Projected/Actual
K - 12	1,025	1,013	-12	98.8%
K - 5	448	438	-10	97.8%
6 - 8	240	243	3	101.3%
9 - 12	337	332	-5	98.5%

## 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 2031 for the district and each grade configuration. It is shown that the elementary (K - 5) grades and the middle (6 - 8) grades are expected to be at their projection period peak enrollments in 2024 and 2027, respectively; the high school (9 - 12) grade configuration is forecasted to enroll the greatest number of students in 2030 and again in 2031. District enrollment (K - 12) is expected to be at its projection period peak in 2025, when 1,007 students are anticipated; this is a decrease of 18 students, when compared to the current enrollment.

**Table 7 - Projected North Salem CSD Enrollment**

Year	K - 5	6 - 8	9 - 12	K - 12
<b>Actual</b> 2021	448	240	337	1,025
<b>Projected</b> 2022	446	234	323	1,003
2023	459	226	306	991
2024	475*	229	288	992
2025	471	233	303	1,007*
2026	459	248	286	993
2027	431	271*	286	988
2028	427	264	297	988
2029	414	265	301	980
2030	390	258	331*	979
2031	383	258	331*	972

\*denotes peak enrollment during 2022 - 2031

District enrollment [Appendix A-2, A-5] consisted of 1,306 students in grades K - 12 in 2011; this was the historical peak enrollment. Subsequently, losses in nine of the last ten years led to the current enrollment of 1,025 students in 2021. This represents a loss of 281 students, or 21.5 percent, during the historical period.

Significantly smaller losses are projected during the next ten years. The forecasted 2031 enrollment of 972 students represents a loss of 53 students, or 5.2 percent, when compared to the current enrollment.

*The projected enrollment can be attributed to several factors:*

- ☞ **First**, kindergarten enrollment fluctuated within 54 - 91 students per year between 2011 and 2021; there are 82 students enrolled this year, During the next four years kindergarten cohorts are expected to be close to those seen in recent years (64 - 77 students). Beginning in 2026, kindergarten enrollment is projected to be at a lower level, with 57 - 59 students expected each year between 2026 and 2031 [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. This trend is expected to continue, with losses of between 8 - 31 students in nine of the next ten years, due to this displacement [Appendix A-7].
- ☞ **Third**, migration ratios show year-to-year fluctuations. On average, the district gains or maintains students in transition to most grades; average losses are recorded in progression to grades 7, 9, 10 & 11. However, any gains in transition will be minimized by the losses through displacement [Appendix A-2].
- ☞ **Fourth**, the average grade level size decreased in grades K - 9, 11 and 12 during 2016 - 2021 as compared to 2011 - 2016. Grade level size decreases are anticipated in grades 6 - 12 during 2021 - 2026. Grade level size decreases are anticipated in grades K- 4, 11 and 12 during 2026 - 2031 [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 586 students in grades K - 5 in 2011; this was the historical peak enrollment. Subsequently, losses in seven of the last ten years led to the enrollment of 448 students in 2021, representing a loss of 138 students, or 23.5 percent, during the historical period.

Gains in two of the next three years will lead to the projection period peak enrollment of 475 students in 2024. Losses are expected in the remaining seven years of the period. The forecasted 2031 enrollment of 383 students represents a loss of 65 students, or 14.5 percent, when compared to the current enrollment. It is anticipated that the kindergarten will enroll 57 - 77 students each year through 2031.

Pequenakonck Elementary School displays the average trend to gain students in transition to grades 1 - 5. 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 the 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 2031. It is shown that the district currently houses 25 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 20 - 27 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 two fewer sections next year (2022) and five fewer sections in 2031 *[Appendix A-9]*.

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

Year	K - 5 Enrollment	Instructional Sections
<b>Actual</b> 2021	448	25
<b>Projected</b> 2022	446	23
2023	459	27
2024	475*	26
2025	471	24
2026	459	24
2027	431	24
2028	427	22
2029	414	21
2030	390	21
2031	383	20

\*denotes peak enrollment during 2022 - 2031

Note: includes self-contained special education sections

## **MIDDLE GRADES (6 - 8) 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 298 students in 2011. Gains in two of the next three years resulted in the historical peak enrollment of 308 students in 2014. Subsequently, losses in five of the last seven years led to the current enrollment of 240 students in 2021. This represents a loss of 58 students, or 19.5 percent, during the historical period.

Enrollment is projected to fluctuate but overall remain relatively stable, ranging within 226 - 271 students during the next ten years. The projected 2031 enrollment of 258 students represents an overall gain of 18 students, when compared to the current enrollment.

Enrollment in the high school grades (9 - 12) consisted of 422 students in 2011; this was the historical peak enrollment. Subsequently, losses in seven of the last ten years led to the current enrollment of 337 students in 2021. This represents a loss of 85 students, or 20.1 percent, during the historical period.

Enrollment is projected to fluctuate but overall remain relatively stable, ranging within 286 - 331 students during the next ten years. The projected 2031 enrollment of 331 students represents an overall loss of six students, when compared to the current enrollment.

North Salem Middle School/High School displays the average trend to gain students in transition to eighth grade, lose students in transition to grades 7, 9, 10 and 11, and maintain students in transition to twelfth grade. The incoming sixth grade class is expected to larger than the graduating twelfth grade of the previous year in seven 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 2027 and the high school (9 - 12) grade configuration is forecasted to enroll the greatest number of students in 2030 and again in 2031. The combined middle and high school enrollment is also expected to be at its peak in 2030 and again in 2031, when 589 students are anticipated; this is 12 more students than are currently enrolled.

Projections suggest that a total of 22 rooms will be needed in 2022, 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
<b>Actual</b> 2021	240	337	577	
<b>Projected</b> 2022	234	323	557	22
2023	226	306	532	21
2024	229	288	517	21
2025	233	303	536	21
2026	248	286	534	21
2027	271*	286	557	22
2028	264	297	561	23
2029	265	301	566	23
2030	258	331*	589*	23
2031	258	331*	589*	23

\* - denotes peak enrollment during 2022 - 2031

# Appendix A

NORTH SALEM CENTRAL SCHOOL DISTRICT  
 ACCURACY OF WESTERN SUFFOLK BOCES 2020-21 PROJECTIONS FOR 2021-22

Grade	Actual 2021-22	Projected	Difference	Projected/Actual
KINDERGARTEN	82	74	-8	
FIRST	73	72	-1	
SECOND	76	72	-4	
THIRD	71	72	1	
FOURTH	66	66	0	
FIFTH	79	76	-3	
SIXTH	74	74	0	
SEVENTH	76	78	2	
EIGHTH	87	91	4	
NINTH	62	60	-2	
TENTH	89	90	1	
ELEVENTH	90	92	2	
TWELFTH	95	87	-8	
UNGRADED	5	9	4	
<b>K - 12</b>	<b>1,025</b>	<b>1,013</b>	<b>-12</b>	<b>98.8%</b>
K - 5	448	438	-10	97.8%
6 - 8	240	243	3	101.3%
9 - 12	337	332	-5	98.5%

NORTH SALEM CENTRAL SCHOOL DISTRICT  
HISTORICAL DISTRICT ENROLLMENT

GRADE	Oct-11	Oct-12	Oct-13	Oct-14	Oct-15	Oct-16	Oct-17	Oct-18	Oct-19	Oct-20	Oct-21
KINDERGARTEN	91	62	64	77	69	66	54	69	63	68	82
FIRST	79	92	61	69	74	74	63	61	69	70	73
SECOND	101	75	97	62	68	76	78	66	62	71	76
THIRD	97	94	74	101	59	77	74	77	72	64	71
FOURTH	108	97	91	80	93	58	79	76	80	74	66
FIFTH	105	109	101	98	85	96	60	85	78	73	79
SIXTH	100	102	113	94	96	89	97	57	92	78	74
SEVENTH	91	94	101	112	91	96	91	96	59	88	76
EIGHTH	107	89	92	102	110	94	97	96	97	63	87
NINTH	101	98	82	89	97	106	90	92	94	91	62
TENTH	93	103	100	82	92	96	112	85	91	93	89
ELEVENTH	120	88	101	96	86	95	96	110	83	90	90
TWELFTH	104	117	87	100	95	84	92	93	104	83	95
UNGRADED	9	3	0	0	0	0	0	0	2	9	5

TOTAL	1,306	1,223	1,164	1,162	1,115	1,107	1,083	1,063	1,046	1,015	1,025
CHANGE		-83	-59	-2	-47	-8	-24	-20	-17	-31	10
% CHANGE		-6.4%	-4.8%	-0.2%	-4.0%	-0.7%	-2.2%	-1.8%	-1.6%	-3.0%	1.0%

OUT OF DISTRICT (OOD) PLACEMENTS	19	19	15	13	13	15	14	12	8	13	12
TOTAL w/ OOD	1,325	1,242	1,179	1,175	1,128	1,122	1,097	1,075	1,054	1,028	1,037

MIGRATION	11 - 12	12 - 13	13 - 14	14 - 15	15 - 16	16 - 17	17 - 18	18 - 19	19 - 20	20 - 21	AVERAGE
K - 1	101.1%	98.4%	107.8%	96.1%	107.2%	95.5%	113.0%	100.0%	111.1%	107.4%	105.4%
1 - 2	94.9%	105.4%	101.6%	98.6%	102.7%	105.4%	104.8%	101.6%	102.9%	108.6%	104.7%
2 - 3	93.1%	98.7%	104.1%	95.2%	113.2%	97.4%	98.7%	109.1%	103.2%	100.0%	101.7%
3 - 4	100.0%	96.8%	108.1%	92.1%	98.3%	102.6%	102.7%	103.9%	102.8%	103.1%	103.0%
4 - 5	100.9%	104.1%	107.7%	106.3%	103.2%	103.4%	107.6%	102.6%	91.3%	106.8%	104.7%
5 - 6	97.1%	103.7%	93.1%	98.0%	104.7%	101.0%	95.0%	108.2%	100.0%	101.4%	100.7%
6 - 7	94.0%	99.0%	99.1%	96.8%	100.0%	102.2%	99.0%	103.5%	95.7%	97.4%	98.9%
7 - 8	97.8%	97.9%	101.0%	98.2%	103.3%	101.0%	105.5%	101.0%	106.8%	98.4%	102.6%
8 - 9	91.6%	92.1%	96.7%	95.1%	96.4%	95.7%	94.8%	97.9%	93.8%	98.4%	96.2%
9 - 10	102.0%	102.0%	100.0%	103.4%	99.0%	105.7%	94.4%	98.9%	98.9%	97.8%	98.6%
10 - 11	94.6%	98.1%	96.0%	104.9%	103.3%	100.0%	98.2%	97.6%	98.9%	96.8%	97.8%
11 - 12	97.5%	98.9%	99.0%	99.0%	97.7%	96.8%	96.9%	94.5%	100.0%	105.6%	100.0%

NORTH SALEM CENTRAL SCHOOL DISTRICT  
 HISTORICAL DISTRICT ENROLLMENT BY GRADE CONFIGURATION

GRADE	Oct-11	Oct-12	Oct-13	Oct-14	Oct-15	Oct-16	Oct-17	Oct-18	Oct-19	Oct-20	Oct-21
KINDERGARTEN	91	62	64	77	69	66	54	69	63	68	82
FIRST	79	92	61	69	74	74	63	61	69	70	73
SECOND	101	75	97	62	68	76	78	66	62	71	76
THIRD	97	94	74	101	59	77	74	77	72	64	71
FOURTH	108	97	91	80	93	58	79	76	80	74	66
FIFTH	105	109	101	98	85	96	60	85	78	73	79
UNGRADED	5	1	0	0	0	0	0	0	2	6	1
TOTAL K - 5	586	530	488	487	448	447	408	434	426	426	448
CHANGE		-56	-42	-1	-39	-1	-39	26	-8	0	22
% CHANGE		-9.6%	-7.9%	-0.2%	-8.0%	-0.2%	-8.7%	6.4%	-1.8%	0.0%	5.2%
SIXTH	100	102	113	94	96	89	97	57	92	78	74
SEVENTH	91	94	101	112	91	96	91	96	59	88	76
EIGHTH	107	89	92	102	110	94	97	96	97	63	87
UNGRADED	0	1	0	0	0	0	0	0	0	0	3
TOTAL 6 - 8	298	286	306	308	297	279	285	249	248	229	240
CHANGE		-12	20	2	-11	-18	6	-36	-1	-19	11
% CHANGE		-4.0%	7.0%	0.7%	-3.6%	-6.1%	2.2%	-12.6%	-0.4%	-7.7%	4.8%
NINTH	101	98	82	89	97	106	90	92	94	91	62
TENTH	93	103	100	82	92	96	112	85	91	93	89
ELEVENTH	120	88	101	96	86	95	96	110	83	90	90
TWELFTH	104	117	87	100	95	84	92	93	104	83	95
UNGRADED	4	1	0	0	0	0	0	0	0	3	1
TOTAL 9 - 12	422	407	370	367	370	381	390	380	372	360	337
CHANGE		-15	-37	-3	3	11	9	-10	-8	-12	-23
% CHANGE		-3.6%	-9.1%	-0.8%	0.8%	3.0%	2.4%	-2.6%	-2.1%	-3.2%	-6.4%
TOTAL 6 - 12	720	693	676	675	667	660	675	629	620	589	577
CHANGE		-27	-17	-1	-8	-7	15	-46	-9	-31	-12
% CHANGE		-3.8%	-2.5%	-0.1%	-1.2%	-1.0%	2.3%	-6.8%	-1.4%	-5.0%	-2.0%
TOTAL K - 12	1,306	1,223	1,164	1,162	1,115	1,107	1,083	1,063	1,046	1,015	1,025
CHANGE		-83	-59	-2	-47	-8	-24	-20	-17	-31	10
% CHANGE		-6.4%	-4.8%	-0.2%	-4.0%	-0.7%	-2.2%	-1.8%	-1.6%	-3.0%	1.0%

NORTH SALEM CENTRAL SCHOOL DISTRICT  
KINDERGARTEN PROJECTIONS

Birth Year	Births		SD	Enrollment Year	District K	Ratios	
	Westchester & Putnam Counties	SD				K/2 cnty births	K/2 cnty births
2006	12,953	68	2011	91	0.0070		
2007	12,893	66	2012	62	0.0048		
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	64			
2018	10,956	51	2023	69			
prelim. 2019	10,678	58	2024	77			
est. 2020	10,885		2025	64			
est. 2021	10,100		2026	57			
est. 2022	10,336		2027	59			
est. 2023	10,262		2028	58			
est. 2024	10,109		2029	57			
est. 2025	10,100		2030	57	0.0059		
est. 2026	10,030		2031	57	historical average		

Note: 2006-2018: all births as reported by DOH@NYS

Note: 2019: Westchester county births - reported by the CDC, Putnam county births - WSBOCES estimate; SD births - preliminary count received from DOH@NYS

NORTH SALEM CENTRAL SCHOOL DISTRICT  
PROJECTED DISTRICT ENROLLMENT

GRADE	Oct-21	Oct-22	Oct-23	Oct-24	Oct-25	Oct-26	Oct-27	Oct-28	Oct-29	Oct-30	Oct-31
	Actual										
KINDERGARTEN	82	64	69	77	64	57	59	58	57	57	57
FIRST	73	86	67	73	81	67	60	62	61	60	60
SECOND	76	76	90	70	76	85	70	63	65	64	63
THIRD	71	77	77	92	71	77	86	71	64	66	65
FOURTH	66	73	79	79	95	73	79	89	73	66	68
FIFTH	79	69	76	83	83	99	76	83	93	76	69
SIXTH	74	80	69	77	84	84	100	77	84	94	77
SEVENTH	76	73	79	68	76	83	83	99	76	83	93
EIGHTH	87	78	75	81	70	78	85	85	102	78	85
NINTH	62	84	75	72	78	67	75	82	82	98	75
TENTH	89	61	83	74	71	77	66	74	81	81	97
ELEVENTH	90	87	60	81	72	69	75	65	72	79	79
TWELFTH	95	90	87	60	81	72	69	75	65	72	79
UNGRADED	5	5	5	5	5	5	5	5	5	5	5
TOTAL	1,025	1,003	991	992	1,007	993	988	988	980	979	972
CHANGE		-22	-12	1	15	-14	-5	0	-8	-1	-7
% CHANGE		-2.1%	-1.2%	0.1%	1.5%	-1.4%	-0.5%	0.0%	-0.8%	-0.1%	-0.7%
OOD PLACEMENTS	12	12	12	12	12	12	12	12	12	12	12
TOTAL w/ OOD	1,037	1,015	1,003	1,004	1,019	1,005	1,000	1,000	992	991	984

Note: OOD (out of district) projections represent place holders based on historical percentages.

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-21	Oct-22	Oct-23	Oct-24	Oct-25	Oct-26	Oct-27	Oct-28	Oct-29	Oct-30	Oct-31
	Actual										
KINDERGARTEN	82	64	69	77	64	57	59	58	57	57	57
FIRST	73	86	67	73	81	67	60	62	61	60	60
SECOND	76	76	90	70	76	85	70	63	65	64	63
THIRD	71	77	77	92	71	77	86	71	64	66	65
FOURTH	66	73	79	79	95	73	79	89	73	66	68
FIFTH	79	69	76	83	83	99	76	83	93	76	69
UNGRADED	1	1	1	1	1	1	1	1	1	1	1
TOTAL K - 5	448	446	459	475	471	459	431	427	414	390	383
CHANGE		-2	13	16	-4	-12	-28	-4	-13	-24	-7
% CHANGE		-0.4%	2.9%	3.5%	-0.8%	-2.5%	-6.1%	-0.9%	-3.0%	-5.8%	-1.8%
SIXTH	74	80	69	77	84	84	100	77	84	94	77
SEVENTH	76	73	79	68	76	83	83	99	76	83	93
EIGHTH	87	78	75	81	70	78	85	85	102	78	85
UNGRADED	3	3	3	3	3	3	3	3	3	3	3
TOTAL 6 - 8	240	234	226	229	233	248	271	264	265	258	258
CHANGE		-6	-8	3	4	15	23	-7	1	-7	0
% CHANGE		-2.5%	-3.4%	1.3%	1.7%	6.4%	9.3%	-2.6%	0.4%	-2.6%	0.0%
NINTH	62	84	75	72	78	67	75	82	82	98	75
TENTH	89	61	83	74	71	77	66	74	81	81	97
ELEVENTH	90	87	60	81	72	69	75	65	72	79	79
TWELFTH	95	90	87	60	81	72	69	75	65	72	79
UNGRADED	1	1	1	1	1	1	1	1	1	1	1
TOTAL 9 - 12	337	323	306	288	303	286	286	297	301	331	331
CHANGE		-14	-17	-18	15	-17	0	11	4	30	0
% CHANGE		-4.2%	-5.3%	-5.9%	5.2%	-5.6%	0.0%	3.8%	1.3%	10.0%	0.0%
TOTAL 6 - 12	577	557	532	517	536	534	557	561	566	589	589
CHANGE		-20	-25	-15	19	-2	23	4	5	23	0
% CHANGE		-3.5%	-4.5%	-2.8%	3.7%	-0.4%	4.3%	0.7%	0.9%	4.1%	0.0%
TOTAL K - 12	1,025	1,003	991	992	1,007	993	988	988	980	979	972
CHANGE		-22	-12	1	15	-14	-5	0	-8	-1	-7
% CHANGE		-2.1%	-1.2%	0.1%	1.5%	-1.4%	-0.5%	0.0%	-0.8%	-0.1%	-0.7%

NORTH SALEM CENTRAL SCHOOL DISTRICT  
AVERAGE GRADE LEVEL SIZE

GRADE	1 11 - 16	2 16 - 21	3 21 - 26	4 26 - 31	2/1	change 3/2	4/3
KINDERGARTEN	72	67	69	58	-6.9%	3.0%	-15.9%
FIRST	75	68	75	62	-9.3%	10.3%	-17.3%
SECOND	80	72	79	68	-10.0%	9.7%	-13.9%
THIRD	84	73	78	72	-13.1%	6.8%	-7.7%
FOURTH	88	72	78	75	-18.2%	8.3%	-3.8%
FIFTH	99	79	82	83	-20.2%	3.8%	1.2%
SIXTH	99	81	78	86	-18.2%	-3.7%	10.3%
SEVENTH	98	84	76	86	-14.3%	-9.5%	13.2%
EIGHTH	99	89	78	86	-10.1%	-12.4%	10.3%
NINTH	96	89	73	80	-7.3%	-18.0%	9.6%
TENTH	94	94	76	79	0.0%	-19.1%	3.9%
ELEVENTH	98	94	77	73	-4.1%	-18.1%	-5.2%
TWELFTH	98	92	81	72	-6.1%	-12.0%	-11.1%

DISPLACEMENT BETWEEN ENTERING & EXITING GRADES

YEAR	GRADE 12	YEAR	K	DIFFERENCE
2011	104	2012	62	-42
2012	117	2013	64	-53
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	64	-31
2022	90	2023	69	-21
2023	87	2024	77	-10
2024	60	2025	64	4
2025	81	2026	57	-24
2026	72	2027	59	-13
2027	69	2028	58	-11
2028	75	2029	57	-18
2029	65	2030	57	-8
2030	72	2031	57	-15
Average Difference 2011 - 2016 -33				
Average Difference 2016 - 2021 -24				
Average Difference 2021 - 2026 -16				
Average Difference 2026 - 2031 -13				

PEQUENAKONCK ELEMENTARY SCHOOL  
HISTORICAL ENROLLMENT

GRADE	Oct-11	Oct-12	Oct-13	Oct-14	Oct-15	Oct-16	Oct-17	Oct-18	Oct-19	Oct-20	Oct-21
KINDERGARTEN	91	62	64	77	69	66	54	69	63	68	82
FIRST	79	92	61	69	74	74	63	61	69	70	73
SECOND	101	75	97	62	68	76	78	66	62	71	76
THIRD	97	94	74	101	59	77	74	77	72	64	71
FOURTH	108	97	91	80	93	58	79	76	80	74	66
FIFTH	105	109	101	98	85	96	60	85	78	73	79
UNGRADED	5	1	0	0	0	0	0	0	2	6	1
TOTAL	586	530	488	487	448	447	408	434	426	426	448
% CHANGE		-9.6%	-7.9%	-0.2%	-8.0%	-0.2%	-8.7%	6.4%	-1.8%	0.0%	5.2%
MIGRATION	11 - 12	12 - 13	13 - 14	14 - 15	15 - 16	16 - 17	17 - 18	18 - 19	19 - 20	20 - 21	AVERAGE
K - 1	101.1%	98.4%	107.8%	96.1%	107.2%	95.5%	113.0%	100.0%	111.1%	107.4%	105.4%
1 - 2	94.9%	105.4%	101.6%	98.6%	102.7%	105.4%	104.8%	101.6%	102.9%	108.6%	104.7%
2 - 3	93.1%	98.7%	104.1%	95.2%	113.2%	97.4%	98.7%	109.1%	103.2%	100.0%	101.7%
3 - 4	100.0%	96.8%	108.1%	92.1%	98.3%	102.6%	102.7%	103.9%	102.8%	103.1%	103.0%
4 - 5	100.9%	104.1%	107.7%	106.3%	103.2%	103.4%	107.6%	102.6%	91.3%	106.8%	104.7%

PEQUENAKONCK ELEMENTARY SCHOOL  
PROJECTED ENROLLMENT

GRADE	Oct-21	Oct-22	Oct-23	Oct-24	Oct-25	Oct-26	Oct-27	Oct-28	Oct-29	Oct-30	Oct-31
KINDERGARTEN	82	64	69	77	64	57	59	58	57	57	57
FIRST	73	86	67	73	81	67	60	62	61	60	60
SECOND	76	76	90	70	76	85	70	63	65	64	63
THIRD	71	77	77	92	71	77	86	71	64	66	65
FOURTH	66	73	79	79	95	73	79	89	73	66	68
FIFTH	79	69	76	83	83	99	76	83	93	76	69
UNGRADED	1	1	1	1	1	1	1	1	1	1	1
TOTAL	448	446	459	475	471	459	431	427	414	390	383
% CHANGE		-0.4%	2.9%	3.5%	-0.8%	-2.5%	-6.1%	-0.9%	-3.0%	-5.8%	-1.8%

PEQUENAKONCK ELEMENTARY SCHOOL  
 PROJECTED ENROLLMENT - SECTIONAL ANALYSIS

based on maximum class sizes: grades K - 2 = 22, grades 3 - 5 = 25

GRADE	Actual	Oct-21	Oct-22	Oct-23	Oct-24	Oct-25	Oct-26	Oct-27	Oct-28	Oct-29	Oct-30	Oct-31
KINDERGARTEN (22)	82	64	69	77	64	57	59	58	57	57	57	57
# of Sections	4	3	4	4	3	3	3	3	3	3	3	3
Avg Section Size	20.5	21.3	17.3	19.3	21.3	19.0	19.7	19.3	19.0	19.0	19.0	19.0
FIRST (22)	73	86	67	73	81	67	60	62	61	61	60	60
# of Sections	4	4	4	4	4	4	3	3	3	3	3	3
Avg Section Size	18.3	21.5	16.8	18.3	20.3	16.8	20.0	20.7	20.3	20.3	20.0	20.0
SECOND (22)	76	76	90	70	76	85	70	63	65	65	64	63
# of Sections	4	4	5	4	4	4	4	3	3	3	3	3
Avg Section Size	19.0	19.0	18.0	17.5	19.0	21.3	17.5	21.0	21.7	21.7	21.3	21.0
THIRD (25)	71	77	77	92	71	77	86	71	64	64	66	65
# of Sections	4	4	4	4	3	4	4	3	3	3	3	3
Avg Section Size	17.8	19.3	19.3	23.0	23.7	19.3	21.5	23.7	21.3	21.3	22.0	21.7
FOURTH (25)	66	73	79	79	95	73	79	89	73	73	66	68
# of Sections	3	3	4	4	4	3	4	4	3	3	3	3
Avg Section Size	22.0	24.3	19.8	19.8	23.8	24.3	19.8	22.3	24.3	24.3	22.0	22.7
FIFTH (25)	79	69	76	83	83	99	76	83	93	93	76	69
# of Sections	4	3	4	4	4	4	4	4	4	4	4	3
Avg Section Size	19.8	23.0	19.0	20.8	20.8	24.8	19.0	20.8	23.3	23.3	19.0	23.0
UNGRADED	1	1	1	1	1	1	1	1	1	1	1	1
GRADED SC SPED	in grade level counts											
# of Sections	2	2	2	2	2	2	2	2	2	2	2	2
Total Enrollment	448	446	459	475	471	459	431	427	414	414	390	383
Total Sections	25	23	27	26	24	24	24	22	21	21	21	20
Avg Section Size	19.5	21.4	18.3	19.8	21.5	20.9	19.6	21.3	21.7	21.7	20.6	21.2

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-11	Oct-12	Oct-13	Oct-14	Oct-15	Oct-16	Oct-17	Oct-18	Oct-19	Oct-20	Oct-21
SIXTH	100	102	113	94	96	89	97	57	92	78	74
SEVENTH	91	94	101	112	91	96	91	96	59	88	76
EIGHTH	107	89	92	102	110	94	97	96	97	63	87
UNGRADED	0	1	0	0	0	0	0	0	0	0	3
<b>TOTAL 6 - 8</b>	<b>298</b>	<b>286</b>	<b>306</b>	<b>308</b>	<b>297</b>	<b>279</b>	<b>285</b>	<b>249</b>	<b>248</b>	<b>229</b>	<b>240</b>
<b>% CHANGE</b>		<b>-4.0%</b>	<b>7.0%</b>	<b>0.7%</b>	<b>-3.6%</b>	<b>-6.1%</b>	<b>2.2%</b>	<b>-12.6%</b>	<b>-0.4%</b>	<b>-7.7%</b>	<b>4.8%</b>
NINTH	101	98	82	89	97	106	90	92	94	91	62
TENTH	93	103	100	82	92	96	112	85	91	93	89
ELEVENTH	120	88	101	96	86	95	96	110	83	90	90
TWELFTH	104	117	87	100	95	84	92	93	104	83	95
UNGRADED	4	1	0	0	0	0	0	0	0	3	1
<b>TOTAL 9 - 12</b>	<b>422</b>	<b>407</b>	<b>370</b>	<b>367</b>	<b>370</b>	<b>381</b>	<b>390</b>	<b>380</b>	<b>372</b>	<b>360</b>	<b>337</b>
<b>% CHANGE</b>		<b>-3.6%</b>	<b>-9.1%</b>	<b>-0.8%</b>	<b>0.8%</b>	<b>3.0%</b>	<b>2.4%</b>	<b>-2.6%</b>	<b>-2.1%</b>	<b>-3.2%</b>	<b>-6.4%</b>
<b>TOTAL 6 - 12</b>	<b>720</b>	<b>693</b>	<b>676</b>	<b>675</b>	<b>667</b>	<b>660</b>	<b>675</b>	<b>629</b>	<b>620</b>	<b>589</b>	<b>577</b>
<b>% CHANGE</b>		<b>-3.8%</b>	<b>-2.5%</b>	<b>-0.1%</b>	<b>-1.2%</b>	<b>-1.0%</b>	<b>2.3%</b>	<b>-6.8%</b>	<b>-1.4%</b>	<b>-5.0%</b>	<b>-2.0%</b>
<b>MIGRATION</b>	<b>11 - 12</b>	<b>12 - 13</b>	<b>13 - 14</b>	<b>14 - 15</b>	<b>15 - 16</b>	<b>16 - 17</b>	<b>17 - 18</b>	<b>18 - 19</b>	<b>19 - 20</b>	<b>20 - 21</b>	<b>AVERAGE</b>
6 - 7	94.0%	99.0%	99.1%	96.8%	100.0%	102.2%	99.0%	103.5%	95.7%	97.4%	98.9%
7 - 8	97.8%	97.9%	101.0%	98.2%	103.3%	101.0%	105.5%	101.0%	106.8%	98.9%	102.6%
8 - 9	91.6%	92.1%	96.7%	95.1%	96.4%	95.7%	94.8%	97.9%	93.8%	98.4%	96.2%
9 - 10	102.0%	102.0%	100.0%	103.4%	99.0%	105.7%	94.4%	98.9%	98.9%	97.8%	98.6%
10 - 11	94.6%	98.1%	96.0%	104.9%	103.3%	100.0%	98.2%	97.6%	98.9%	96.8%	97.8%
11 - 12	97.5%	98.9%	99.0%	99.0%	97.7%	96.8%	96.9%	94.5%	100.0%	105.6%	100.0%

NORTH SALEM MIDDLE SCHOOL/HIGH SCHOOL  
PROJECTED ENROLLMENT

GRADE	Actual	Oct-21	Oct-22	Oct-23	Oct-24	Oct-25	Oct-26	Oct-27	Oct-28	Oct-29	Oct-30	Oct-31
SIXTH	74	80	69	77	84	84	100	77	84	94	77	
SEVENTH	76	73	79	68	76	83	83	99	76	83	93	
EIGHTH	87	78	75	81	70	78	85	85	102	78	85	
UNGRADED	3	3	3	3	3	3	3	3	3	3	3	
TOTAL 6 - 8	240	234	226	229	233	248	271	264	265	258	258	
% CHANGE		-2.5%	-3.4%	1.3%	1.7%	6.4%	9.3%	-2.6%	0.4%	-2.6%	0.0%	
NINTH	62	84	75	72	78	67	75	82	82	98	75	
TENTH	89	61	83	74	71	77	66	74	81	81	97	
ELEVENTH	90	87	60	81	72	69	75	65	72	79	79	
TWELFTH	95	90	87	60	81	72	69	75	65	72	79	
UNGRADED	1	1	1	1	1	1	1	1	1	1	1	
TOTAL 9 - 12	337	323	306	288	303	286	286	297	301	331	331	
% CHANGE		-4.2%	-5.3%	-5.9%	5.2%	-5.6%	0.0%	3.8%	1.3%	10.0%	0.0%	
TOTAL 6 - 12	577	557	532	517	536	534	557	561	566	589	589	
% CHANGE		-3.5%	-4.5%	-2.8%	3.7%	-0.4%	4.3%	0.7%	0.9%	4.1%	0.0%	

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-21	Oct-22	Oct-23	Oct-24	Oct-25	Oct-26	Oct-27	Oct-28	Oct-29	Oct-30	Oct-31
Sixth - Eighth (26)	234	226	229	229	233	248	271	264	265	258	258
# of Core Rooms	9	9	9	9	9	10	11	11	11	10	10
Avg Section Size	26.0	25.1	25.4	25.4	25.9	24.8	24.6	24.0	24.1	25.8	25.8
Core Rooms = ELA, Math, Science, Social Studies, Language, Health, Computer, Special Ed											
Ninth - Twelfth (26)	323	306	288	288	303	286	286	297	301	331	331
# of Core Rooms	13	12	12	12	12	11	11	12	12	13	13
Avg Section Size	24.8	25.5	24.0	24.0	25.3	26.0	26.0	24.8	25.1	25.5	25.5
Core Rooms = ELA, Math, Science, Social Studies, Language, Health, Computer, Special Ed											
Total 6 - 12 Enrollment	557	532	517	517	536	534	557	561	566	589	589
Total 6 - 12 Core Rooms	22	21	21	21	21	21	22	23	23	23	23
Avg Section Size	25.4	25.3	24.7	24.7	25.6	25.4	25.3	24.4	24.6	25.6	25.6

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

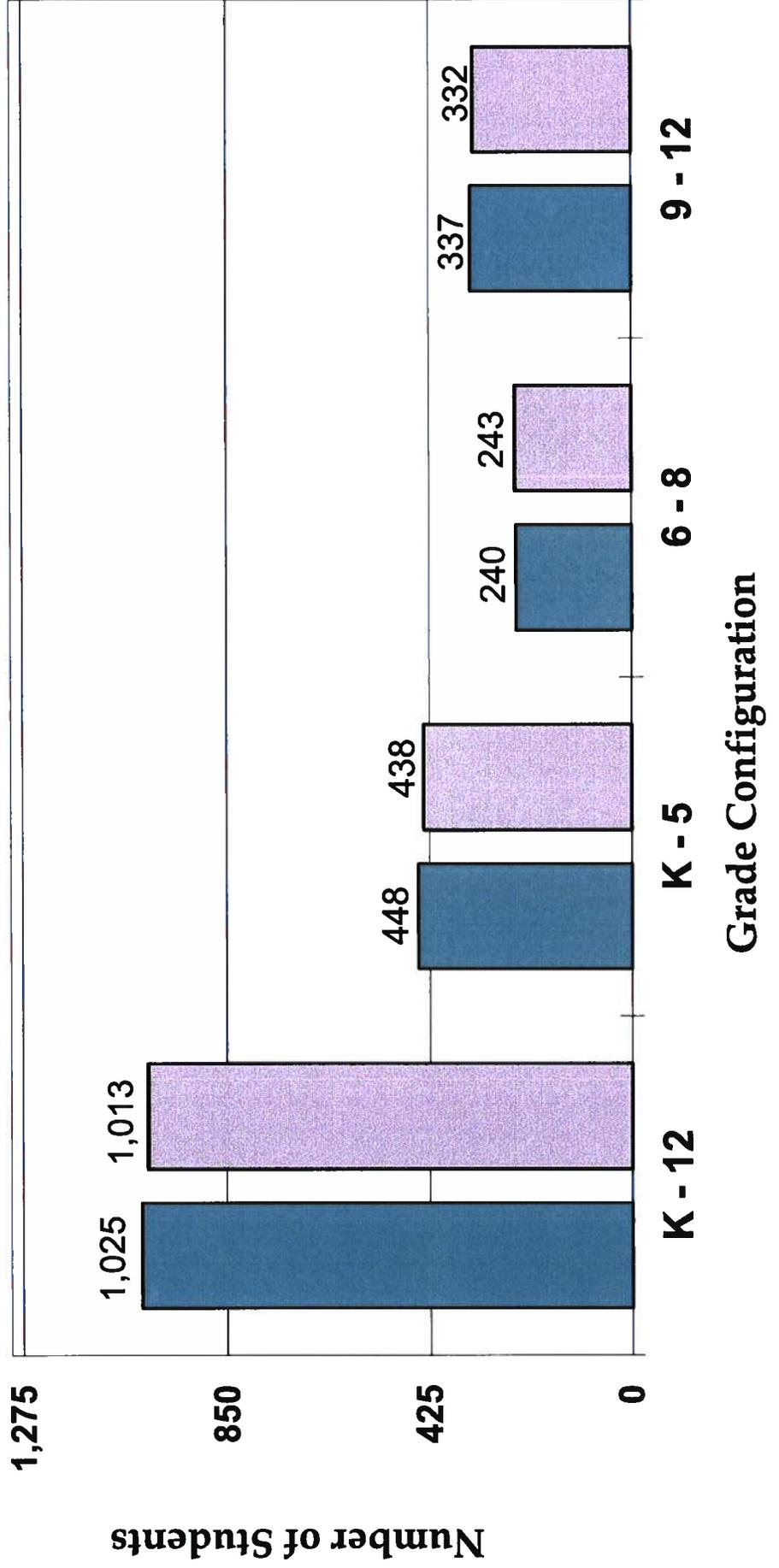
# Appendix B

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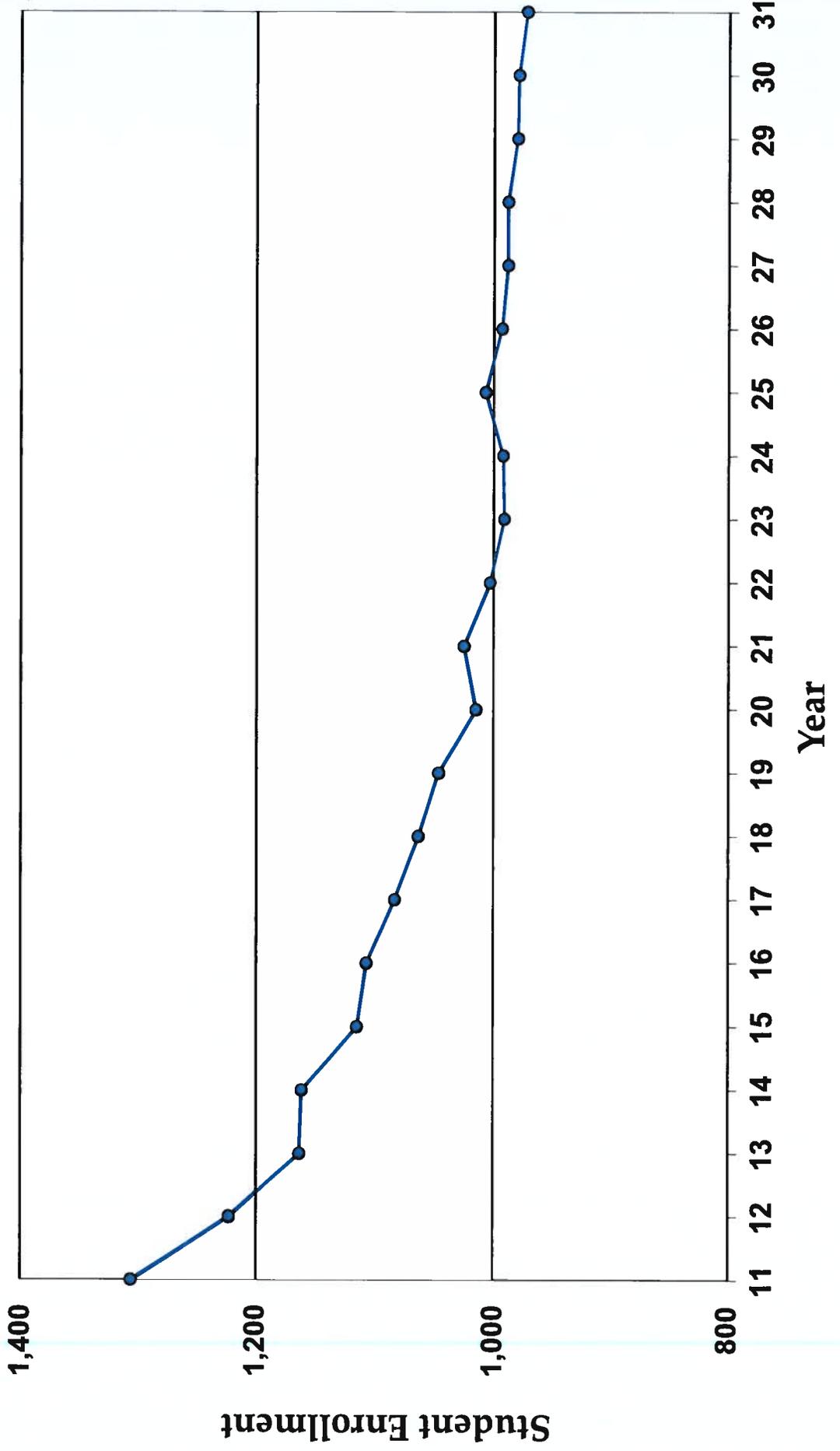
# North Salem Central School District

## Accuracy of 2020-21 Western Suffolk BOCES Projections for 2021-22

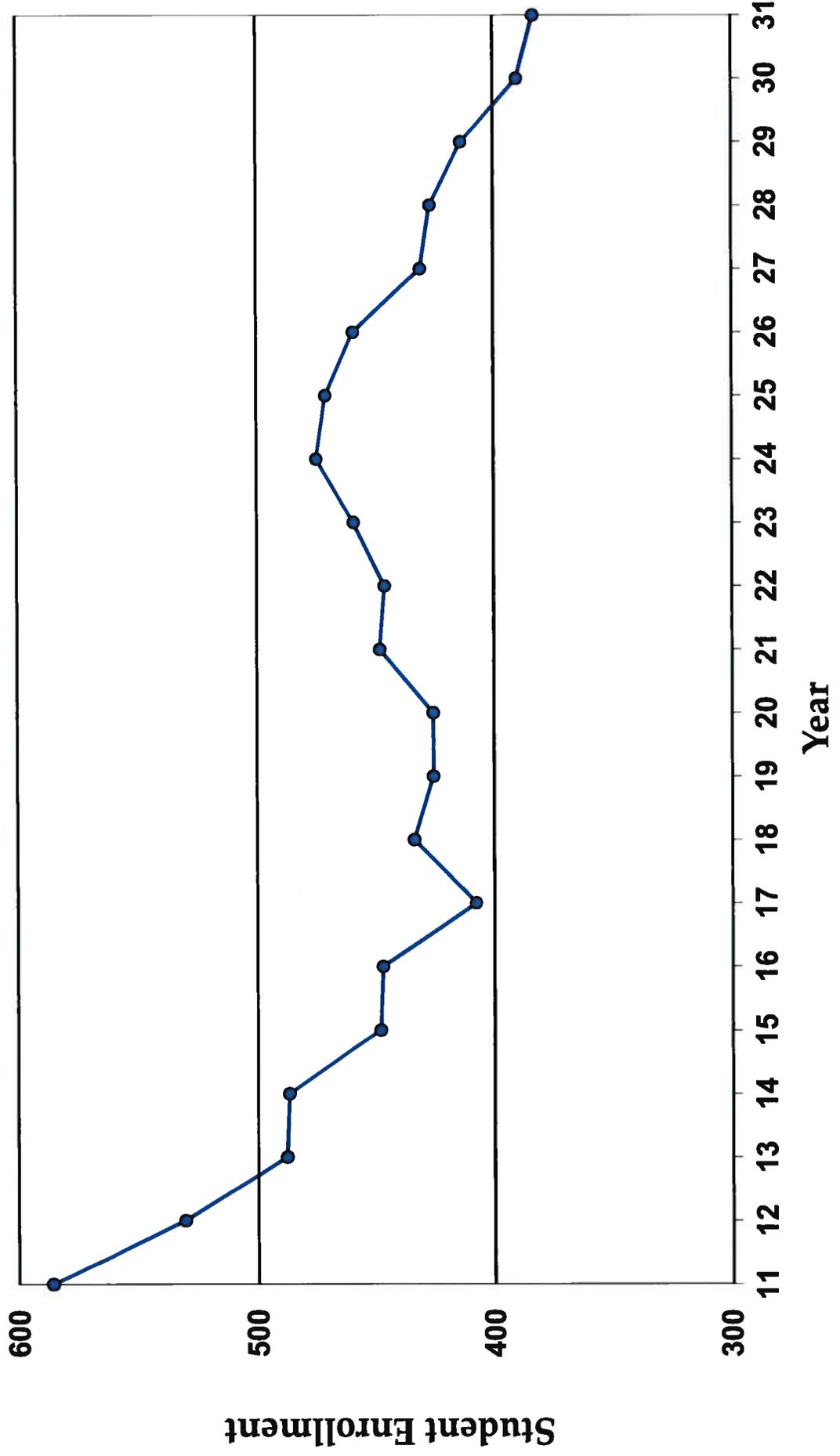
2021-22 Enrollment



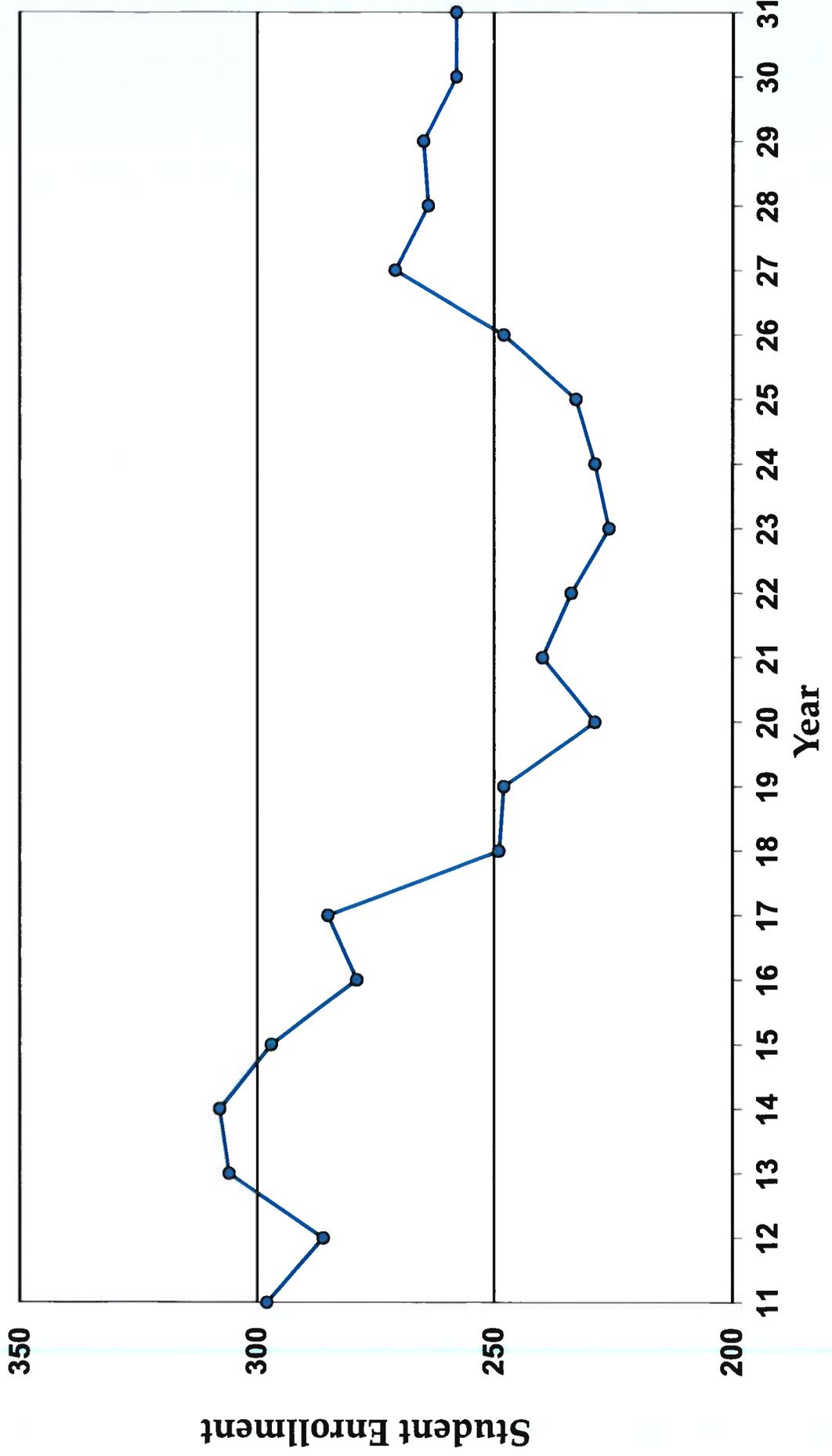
# North Salem Central School District Enrollment: Grades K - 12



# North Salem Central School District Enrollment: Grades K - 5

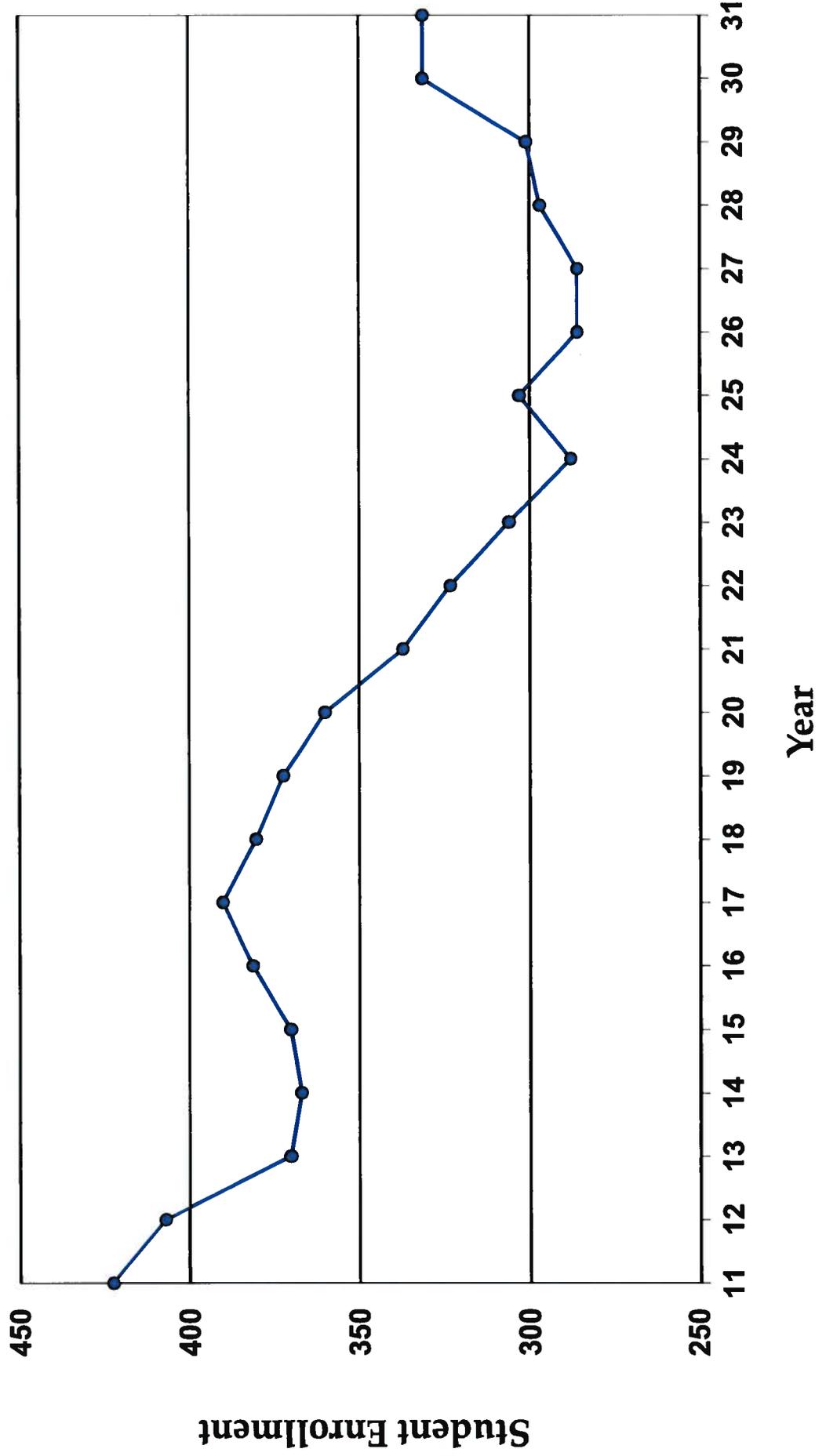


# North Salem Central School District Enrollment: Grades 6 - 8

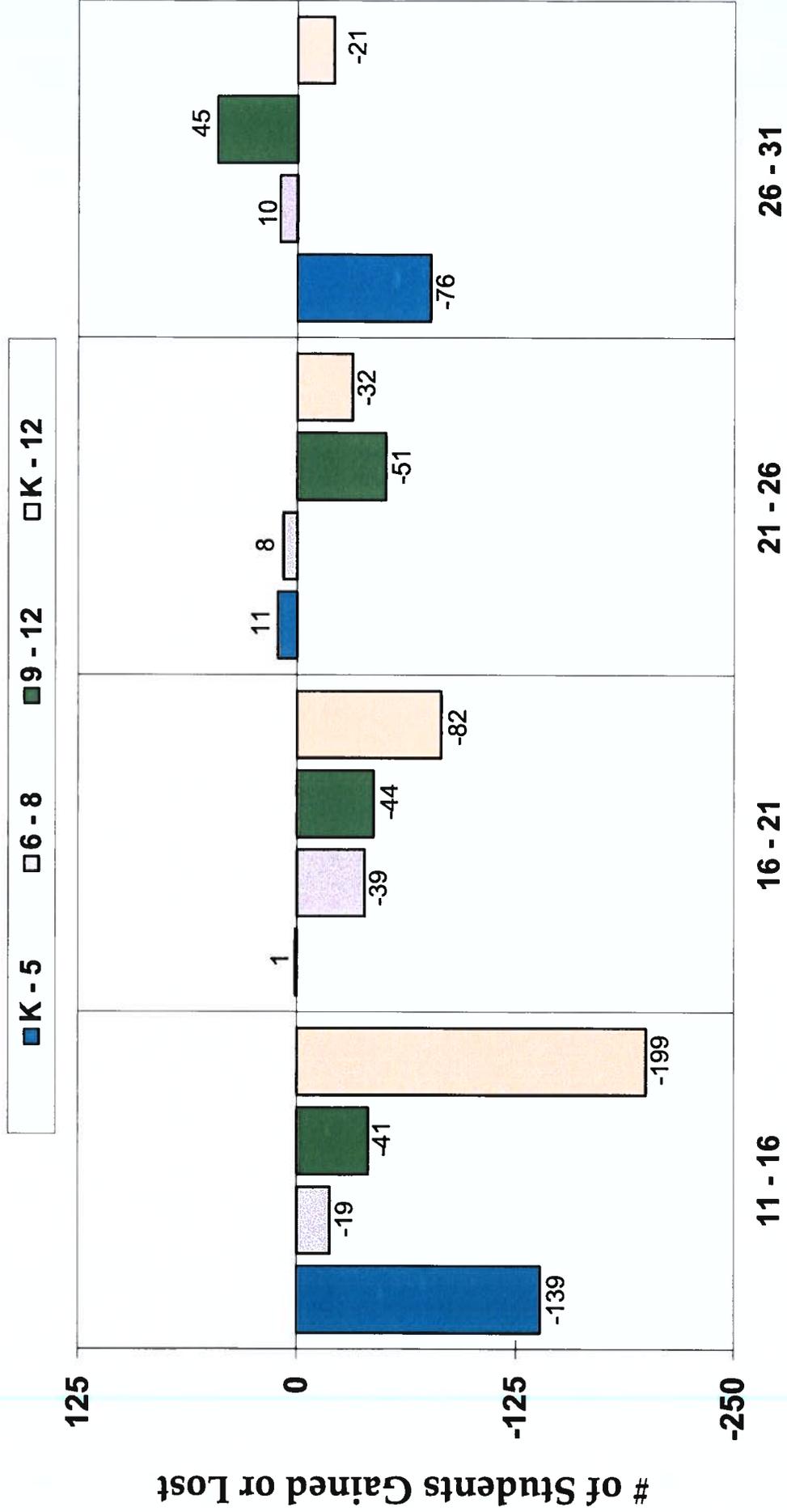


# North Salem Central School District

## Enrollment: Grades 9 - 12



# North Salem Central School District Enrollment Change 2011 - 2031



Comparative Years



**Ms. Jeanette Santos, President**  
**Ms. Ilene Herz, Esq., Vice President**  
**Ms. Mary Ellen Cunningham**  
**Mr. James Kaden**  
**Mr. Brian J. Sales**  
**Mr. Peter Wunsch**  
**Ms. Maryann Zumpano**  
**Ms. Joanne Klein, District Clerk**

**Mr. Michael Flynn**  
**Chief Operating Officer**  
**Ms. Angelique Johnson-Dingle**  
**District Superintendent**





**Division of Instructional Support Services**

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