LONG RANGE PLANNING STUDY

NORTH SALEM

CENTRAL SCHOOL DISTRICT
2020 – 21
UPDATE

North Salem Central School District

Long Range Planning Study Update
Demographic and Enrollment Analysis
2020-21

North Salem Central School District
Enrollment Change 2010 - 2030

■ K - 5   □ 6 - 8   □ 9 - 12   □ K - 12

# of students gained or lost

	10 - 15	15 - 20	20 - 25	25 - 30
K-5	-127	-22	3	-64
6-8	-17	-68	-2	-9
9-12	-66	-10	-49	8
K-12	-210	-100	-48	-65

comparative years

The North Salem Central School District recorded a loss of 310 students, or 23.4 percent between 2010 and 2020. 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 forecasted to remain stable, while the high school (9 - 12) grades are expected 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 remain stable. The projected 2030 enrollment of 902 students represents an overall loss of 113 students, or 11.1 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 assess recent demographic factors and enrollment trends in order to prepare projections through the year 2030.

The North Salem Central School District is committed to meeting the educational needs of its students. The continued monitoring of enrollment trends will give the district the data on which 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 would 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 2019-20 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. Kimber-Lee Maston, Secretary to School Administrator, 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:

Center for Immigration Studies
Center for Public Education
Freddie Mac
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
New York State Office of Religious and Independent Schools
One Key MLS
Pew Research Center
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. News & World Report
U.S. Department of Housing and Urban Development
Wall Street Journal

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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 2021 - 2030. This enrollment decline is accounted for by declining births, changing resident characteristics and housing factors.

A. BIRTHS

Data from the *National Center for Health Statistics* indicates that there were 3,745,540 births recorded in 2019. This is the lowest number of recorded births since 1985 and reflects a decrease of approximately one percent per year since 2015. The general fertility rate also decreased in 2019 to 58.3 births per one thousand women between the ages of 15 and 44, representing the lowest fertility rate on record. The fertility rate peaked at 122.7 births in 1957 (during the Baby Boom years). The fertility rate in New York State was 57.9 births in 2018.

A lower number of recorded births has been linked to several factors, including lower starting salaries, significant student loan debt and higher rental costs. Over the past decade, these factors have resulted in a growing number of young people continuing to live with their parents, thereby delaying marriage and childbearing. Another factor contributing to the birth decline is a significant drop in teenage births; last year's teen (15 - 19) birth rate of 16.6 represents a decline of 73 percent when compared to the teen peak birth rate of 61.8 in 1991.

A recent study from the *Brookings Institution* projects that births will further decline as a result of the pandemic and economic recession. The *Brookings* analysis estimates that there could be a drop of 300,000 - 500,000 births in 2021, as women choose to either postpone or forego a pregnancy. This projection is based on an analysis of birth patterns during historical events, such as the *Spanish Flu* in 1918 and the *Great Recession* from 2007 to 2009.

Shifts in fertility patterns among minority groups have also affected birth rates. Between 2000 and 2018 (latest available data), fertility rates have fallen for all racial/ethnic groups, with the most significant decline reported in the Hispanic segment, falling from a peak of 98.3 births in 2006 to 65.9 births in 2018. 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 (66 births), blacks (62 births), AIAN (American Indian/Alaska Native) women (58 births), Asian women (56 births) and whites (56 births).

Data from the *National Center for Health Statistics* indicates that in 2019, birth rates for all age groups under the age of 35 were lower than the previous year, with a notable five percent decrease recorded in the 15 - 19 age group. During the same period, birth rates grew for women in their early forties and remained stable for women in the 35 - 39 age group.

Birth rates were highest for women aged 30 - 34 (98.3 per 1,000 women), followed by women aged 25 - 29 (93.7) and women aged 20 - 24 (66.6); however, the birth rates in each of these age groups are reportedly lower than the previous year. Prior to 2016, women aged 25 - 29 had the highest birth rate.

Mirroring the national trend, the number of births in New York State decreased in 2019 when compared to the previous year. Provisional numbers issued by the *National Center for Health Statistics* indicate that there were 221,532 births recorded in 2019, reflecting a decrease of 2.1 percent when compared to 2018. However, this represents a decrease of 13.2 percent when compared to births in 1999 (255,147 births).
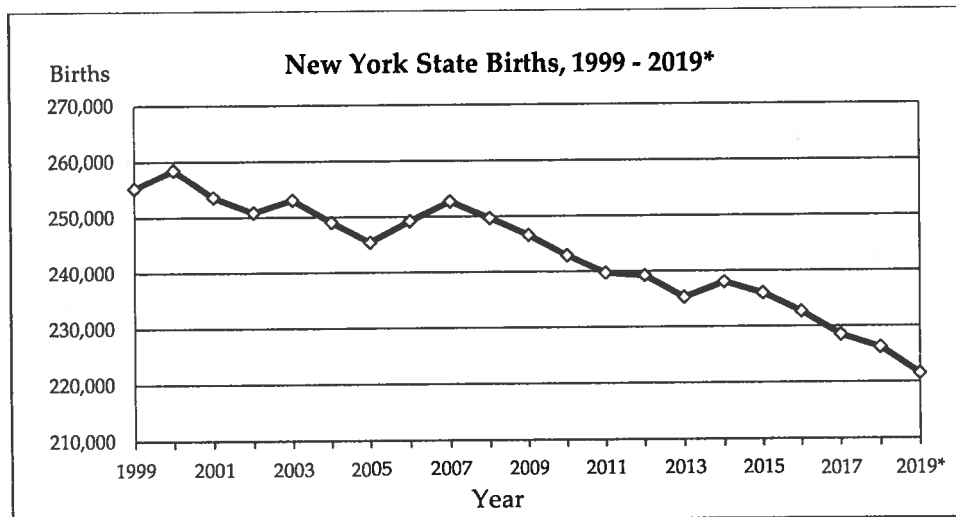
Figure 1 - New York State Births, 1999 - 2019*
* 2019 data are provisional
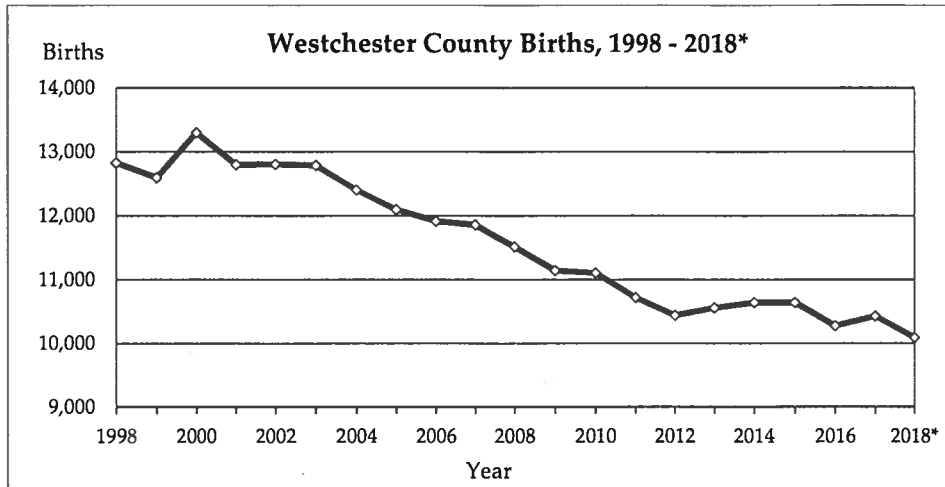
Figure 2 - Westchester County Births, 1998 - 2018*
*2018 County birth data is preliminary

Figure 2 shows births in Westchester County reached a peak of 13,300 in 2000; however, since then births have decreased by 24.1 percent in 2018, when the period low of 10,091 births was recorded (2018 county birth data is preliminary).
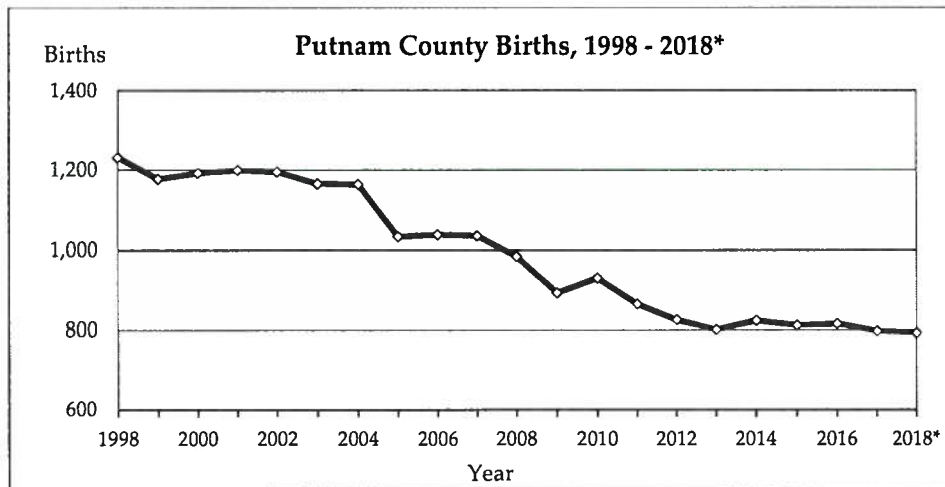
Figure 3 - Putnam County Births, 1998 - 2018*
*2018 County birth data is preliminary

Figure 3 shows that Putnam County recorded 1,231 births in 1998. Since then, births have declined 35.6 percent with 793 births recorded in 2018 (2018 county birth data is preliminary).

As shown in Table 1, the number of births in the North Salem Central School District ranged within 55 - 71 each year between 2005 and 2009. however, in six of the last eight years (2010 - 2017), 47 or fewer births have been recorded (district birth data for 2018 and 2019 is not yet available).

Table 1 - Births in the North Salem CSD 2005 - 2017

Year	North Salem CSD	Towns of North Salem, Somers & Southeast
2005	71	459
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

Source: NYS Dept. of Health
Note: The NYS DOH has not yet issued town & school district birth data for 2018 & 2019

B. POPULATION

According to the *Census Bureau*, there were an estimated 328.2 million people living in the United States as of July 2019, representing an increase of 19.5 million people, or 6.3 percent, since the 2010 *Census*. However, this reflects a year-to-year population increase of merely 0.5 percent, marking the slowest growth since the *Great Depression*. The growth rate has been impacted by lower fertility rates, lower immigration rates since the *Great Recession*, and a rise in mortalities amongst baby boomers. *Census Bureau* projections indicate that the United States population is expected to continue to grow more slowly, with an increase of 76.6 million people forecasted between 2018 and 2060. Despite the slower growth rate, beginning in 2058, the population is expected to exceed 400 million people.

New York State's population exceeded 19.4 million people as of July 2019, reflecting a gain of approximately 75,000 people, or 0.4 percent, since the 2010 *Census*. However, in 2019, New York recorded a year-to-year loss of almost 77,000 people (-0.4 percent). In 2019, New York lost more than 180,000 residents through domestic migration, meaning more residents moved to other states than moved in; this loss was somewhat offset by international migration (gain of 45,753 residents between 2018 and 2019) and natural increase (gain of 58,107 residents). However, it should be noted that gains through natural increase have declined each year since 2010. New York is the fourth most populous state in the country, following California (39.5 million people), Texas (29.0 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 almost 970,000 people as of July 2019, reflecting a gain of 18,393 people, or 1.9 percent, between 2010 and 2019. As seen in New York State, Westchester County has experienced losses due to domestic migration; however, those losses have been offset by gains through international migration and natural increase. Westchester County ranks seventh in population among New York's 62 counties.

Putnam County's population totaled approximately 98,000 people as of July 2019, reflecting a loss of 1,390 people, or 1.4 percent, between 2010 and 2019. This decrease can be attributed primarily to losses through domestic migration since 2010. Putnam County ranks twenty-ninth in population among New York's 62 counties.

Between 2010 and 2019, the Town of Somers recorded a population gain of 5.6 percent, while the Town of Southeast recorded a loss of 1.9 percent; the population in the Town of North Salem remained stable (+0.4 percent) during this period. The number of residents in the North Salem Central School District also remained stable (+0.4 percent) during the same period, with an estimated 7,470 residents living within the district in 2019.

Census Bureau projections indicate that the year 2030 will signify a "demographic turning point for the United States," as all baby boomers will be age 65 or over by that time, and one in five Americans will be of retirement age. It is projected that by 2034, older adults will outnumber children under age 18 for the first time in U.S. history.

As shown in Figure 4, the 65 and over age segment of the population in the United States consisted of approximately 12 percent of the total population in 2000; it is anticipated that this age segment will continue to grow over the next few decades and will comprise approximately 23 percent of the total population in 2060. Conversely, the percentage of residents under 18 years of age is projected to decrease from nearly 26 percent of the population in 2000 to less than 20 percent in 2060. The 18 - 44 age segment is also expected to decline, from 40 percent in 2000 to 33 percent in 2060, whereas the 45 - 64 age segment is projected to fluctuate but overall decline from approximately 26 to 24 percent during this period.

Projected Age Structure of the U.S. Population, 2000 - 2060

	Under 18	18 - 44	45 - 64	65+
2000	25.7	39.9	22.0	12.4
2010	24.0	36.5	26.4	13.1
2020 proj.	22.2	35.8	25.1	16.9
2030 proj.	21.3	35.2	22.9	20.6
2040 proj.	20.6	33.8	23.9	21.6
2050 proj.	20.1	33.3	24.5	22.0
2060 proj.	19.8	32.8	24.0	23.4

% of Age Group
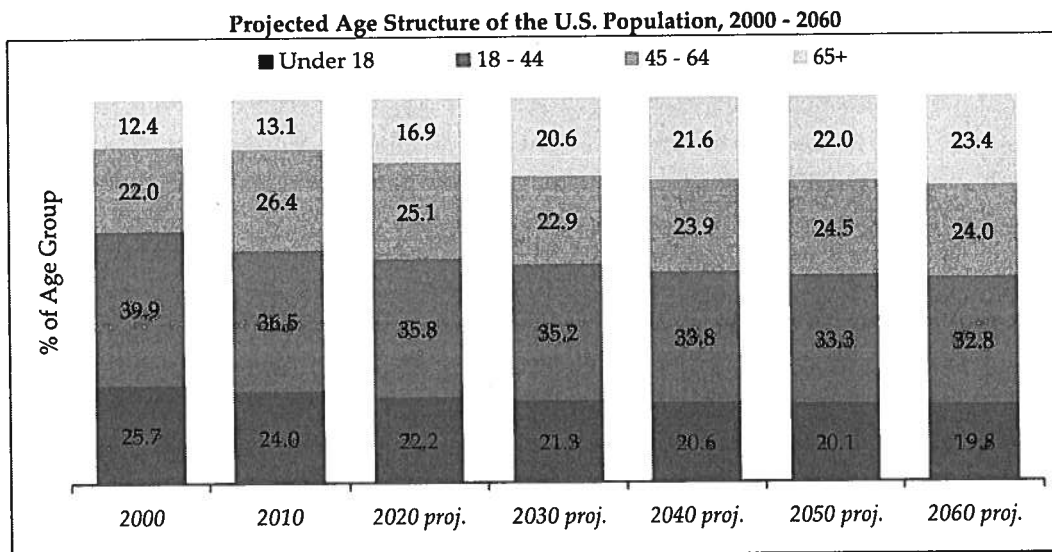
Figure 4 - Projected Age Structure of the U.S. Population
Source: Census Bureau

In New York State, between 2010 and 2019, the 19 and under segment decreased from 25.3 to 23.2 percent of the population; however, during the same period, the segment of residents aged 65-and older grew from 13.5 to 16.9 percent.

In Westchester and Putnam Counties, population trends reflect those of New York State and the nation. Between 2010 and 2019, the 19 and under age segment in Westchester County decreased from 26.5 to 24.3 percent of the population; however, during the same period the 65-and older segment grew from 14.0 to 17.4 percent. Between 2010 and 2019, the 19 and under segment in Putnam County decreased from approximately 26 to 22 percent of the population; however, during the same period the 65-and older segment grew from 12.5 to 18 percent. The age structure of the resident population in the North Salem Central School District has also shifted between 2010 and 2018 (latest available data); in 2018, the percentage of residents aged 19 years or younger decreased from 27.0 to 24.4 percent, while the percentage of residents aged 65+ increased from 15.6 to 19.6 percent. The median age in Westchester County has increased from 40.0 years in 2010 to 41.3 years in 2019, while the median age in Putnam County increased from 41.9 years in 2010 to 44.5 years in 2019, both are greater than the United States median age of 38.4 years and the New York State median age of 39.2 years. The median age in the North Salem Central School District was 48.5 years in 2018.

The *Pew Research Center* reported that the United States has a larger immigrant population than any other country. As shown in Table 2, the foreign-born population in the United States has more than quadrupled between 1970 and 2018, growing from approximately 9.6 million people to 43.5 million people. The immigrant segment of the total United States population grew from 4.7 percent to 13.5 percent, during this period. *Census Bureau* projections indicate that the foreign-born population will further increase to 69.3 million people by 2060 and account 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	2018	2020	2030	2040	2050	2060
Number of Immigrants (Millions)	9.6	14.1	19.8	31.1	38.7	43.5	46.7	53.8	60.2	65.3	69.3
Immigrant Share of Total U.S Population	4.7%	6.2%	7.9%	11.1%	12.7%	13.5%	14.0%	15.1%	16.1%	16.8%	17.1%

Sources: Census Bureau & Center for Immigration Studies

As of 2018, 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, there have been more immigrants arriving from Asia than from Latin American countries. Since the *Great Recession*, immigration from Latin America has slowed considerably, especially from Mexico. By 2055, Asians are projected to become the largest immigrant group in the United States. Estimates from the *Pew Research Center* show that by 2065, Asians are expected to comprise 38 percent of all immigrants in this country.

According to the *Migration Policy Institute*, in 2018, approximately 18 million children in the United States under the age of 18 lived with at least one foreign-born parent. This accounts for one in four children of this age having at least one immigrant parent. More than half of those children live in four states, which include California, Texas, New York and Florida.

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

Total United States Children (Under 18) in 2018: 69.5 Million

- Children Living with an Immigrant Parent
- Children Living with U.S. Born Parents

26%

74%
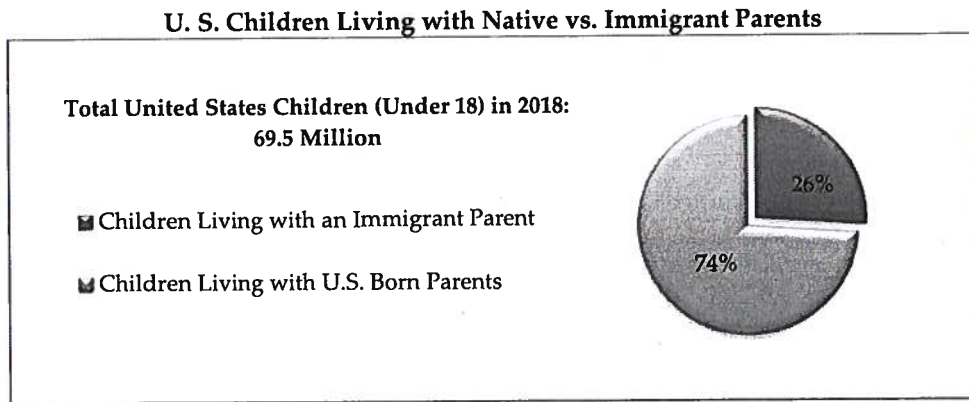
Figure 5 - U.S. Children in Immigrant Families
Source: Migration Policy Institute

The foreign-born population in New York State increased by 6.2 percent between 2010 and 2018, growing from approximately 4.2 million people in 2010 to more than 4.4 million people in 2018; this represents nearly 23 percent of New York State's population. 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 8.4 percent between 2010 and 2018, and represents almost 26 percent of the population. In Putnam County, the foreign-born population increased almost 18 percent during this period, and represents approximately thirteen percent of the population. According to *Census Bureau* estimates, the foreign-born population in the North Salem Central School District also increased between 2010 and 2018, growing from 9.5 to 12.9 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, coupled with a projected loss of the White population due to mortalities as the baby boom cohort reaches the oldest ages, will result in an increasingly diverse population in the years to come.

As shown in Figure 6, in 2010, approximately 64 percent of the population was White, down from nearly 70 percent in 2000. The White segment is expected to continue to decline through 2060, while growth is forecasted in each of the minority groups. By 2060, the combined minority population will account for approximately 56 percent of the total population, up from 30 percent in 2000. According to the 2010 Census, Hispanics were the largest minority group, comprising approximately 16 percent of the population, followed by Blacks (12.2 percent), Asian/others (5.8 percent) and those identifying themselves as two or more races (1.9 percent). The Hispanic segment is expected to continue to be the largest minority group, comprising nearly 29 percent of the total population by 2060. The population of people identified as two or more races is projected to be the fastest growing racial or ethnic group over the next several decades.

Historical & Projected Ethnic Structure of the U.S. Population, 2000 - 2060
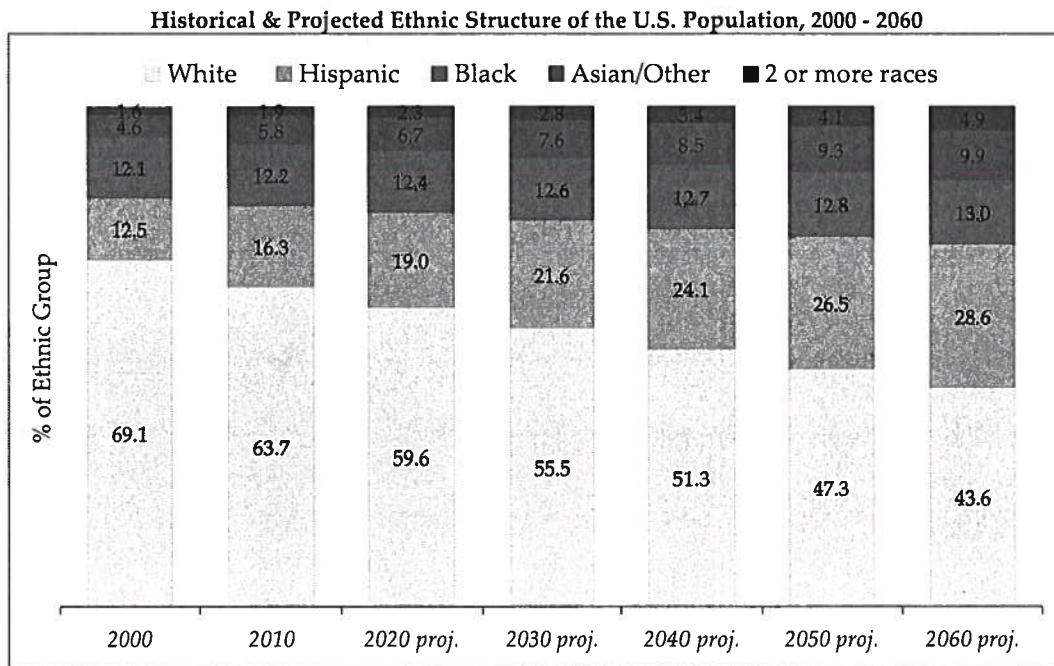
Figure 6 - Historical & Projected Ethnic Structure of the U.S. Population
Source U.S. Census Bureau

The ethnic composition within New York State has shifted between 2010 and 2019. The White segment comprised approximately 55 percent of the population in 2019, down from 62 percent in 2000, while the minority segments comprise approximately 45 percent of the state residents. Hispanics are the largest minority group at more than 19 percent, followed by Blacks (14.5 percent), Asian/others (9.1 percent) and those identifying themselves as two or more races (1.8 percent). There are five states that are "majority-minority," which include California, Hawaii, New Mexico, Texas and Nevada.

The ethnic composition within Westchester County has also shifted between 2000 and 2019. The White segment of the population decreased from 64.1 to 52.6 percent, while the Hispanic and Asian/others segments grew from 15.6 to 25.5 percent and from 4.9 to 6.4 percent, respectively. The Black segment represents almost 14 percent of the population; 1.6 percent of residents identified themselves as two or more races in 2019.

The ethnic composition within Putnam County has also shifted between 2000 and 2019. The White population decreased from 89.8 to 77.1 percent, while the Hispanic, Black and Asian/others segments of the population increased from 6.2 to 16.4, from 1.5 to 2.9 percent, and from 1.5 to 2.3 percent, respectively; 1.3 percent of residents identified themselves as two or more races in 2019.

The ethnic composition of the resident population within the North Salem Central School District has shifted. Between 2000 and 2018 (latest available data), the White segment of the population decreased from 92.7 to 84.5 percent, while the Hispanic, Asian/others and Black segments of the population increased from 3.6 to 6.8 percent, from 1.9 to 3.4 percent and from 0.7 to 2.8 percent, respectively; 2.5 percent of residents identified themselves as two or more races.

C. HOUSING

As the COVID-19 pandemic forced the shutdown of the economy in March 2020, housing activity in New York State, for the most part, came to a halt, resulting in declines of over 65 percent in new listings and pending sales during the month of April. Recent data from the *New York State Association of Realtors (NYSAR)* indicates closed sales were down 14.7 percent in August when compared to August 2019. However, year-over-year pending sales increased more than 40 percent in August, spurred by record low mortgage rates, and (in lower New York State) New York City residents seeking homes with open space for their children and schools that may have a greater chance of staying open with in-person learning. The median sale price increased in August to $309,175, representing a 7.7 percent increase when compared to the median price of $287,000 in August 2019. Growth in median sale prices is expected to continue due to a limited supply of available inventory in many areas. Statewide, the number of homes for sale fell almost 21 percent in August when compared to the prior year. A healthy market generally offers a 6.5-month supply of inventory; according to *NYSAR*, in August 2020, there was a 4.6-month supply of available inventory.

In the third quarter of 2020, the residential real estate markets in Westchester and Putnam Counties posted significant quarterly sales gain of 25.5 and 36.0 percent, respectively, when compared to the previous quarter; this indicates that the market has rebounded from the impacts of the pandemic. The median sale price (for single family homes) increased in both Westchester and Putnam Counties in the third quarter, with gains of 14.1 and 15.0 percent, respectively; growth in median sale prices has been attributed to strong buyer demand and a tight supply of available inventory.

Table 3 - Number of Home Sales and Median Prices in Westchester & Putnam Counties

County	2020 Q3		2020 Q2		Change	
	# Sales	Median Price*	# Sales	Median Price*	# Sales	Median Price*
Westchester County	2,171	$811,000	1,730	$710,500	25.5%	14.1%
Putnam County	351	$412,000	258	$358,400	36.0%	15.0%

Source: One Key MLS
*Median Prices for Single Family Homes

As shown in Table 4, housing turnover in the North Salem Central School District was at the lowest level of the historical period (2008 - 2019) in 2009 when 38 units were sold. During the last four years (2016 - 2019), sales have fluctuated within 64 - 78 units per year. The median sale price was $549,000 in 2019; this is almost 16 percent higher than the historical period low of $474,880 recorded in 2015.

Table 4 - Home Sales in the North Salem CSD 2008 - 2019

Year	Number Sold	Median Price
2008	61	$615,000
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	78	$578,500
2018	75	$569,900
2019	64	$549,000

Source: NYS Office of Real Property Services

Housing data for the area encompassed by the North Salem Central School District indicated that in 2018, 87 percent of the total housing was occupied and 13 percent was vacant (vacant includes seasonal residences) Occupied housing can be inhabited by the owner of the house or a renter. In 2018, 84 percent of housing in the district was owner occupied and 16 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, there are no new proposals planned in the Towns of North Salem and Somers and little activity on previously reported projects. The Town of Southeast reported that there are no new proposals before before the planning board.

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

Project Name	# of Units	Status
Town of North Salem		
Gilport	8 lots	Preliminary subdivision approval, Nov. 2018
Hawley Woods	3 lots	Preliminary subdivision approval, Sept. 2016
Highgate-Woodlands	42 SF, 76 TH- 55 & older	Inactive
Town of Somers		
George – Butler Hill Rd.*	1 lot	Near completion
Greenbriar – Greenbriar Dr.*	4 TH	Under construction

Source: Towns of North Salem and Somers Planning Departments

The *Census Bureau* reported that the homeownership rate for the third quarter of 2020 was 67.4 percent; this compares to the ten-year (2010-2020) low of 62.9 percent recorded in 2016. In the third quarter of 2020, the homeownership rate was highest amongst individuals aged 65+ (80.7 percent), followed by the 55 - 64, 45 - 54 and 35 - 44 age segments, with homeownership rates of 76.4, 72.0 and 63.9 percent, respectively. Young adults under the age of 35 recorded the lowest homeownership rate at 40.2 percent in the third quarter of 2020. It should be noted that each age segment, with the exception of individuals aged 65+, recorded a lower homeownership rate when compared to the previous quarter.

This correlates to a recent study issued by The *Pew Research Center* which reported that as of July 2020, a majority (52 percent) of young adults (18-29 years) live with their parents; this is the greatest percentage for this group recorded since the *Great Depression*. Although this trend has accelerated since the onset of the COVID-19 pandemic, as shown in Figure 7, increases have been observed since 1960, when the share of young adults living with their parents was at a low of 29 percent.
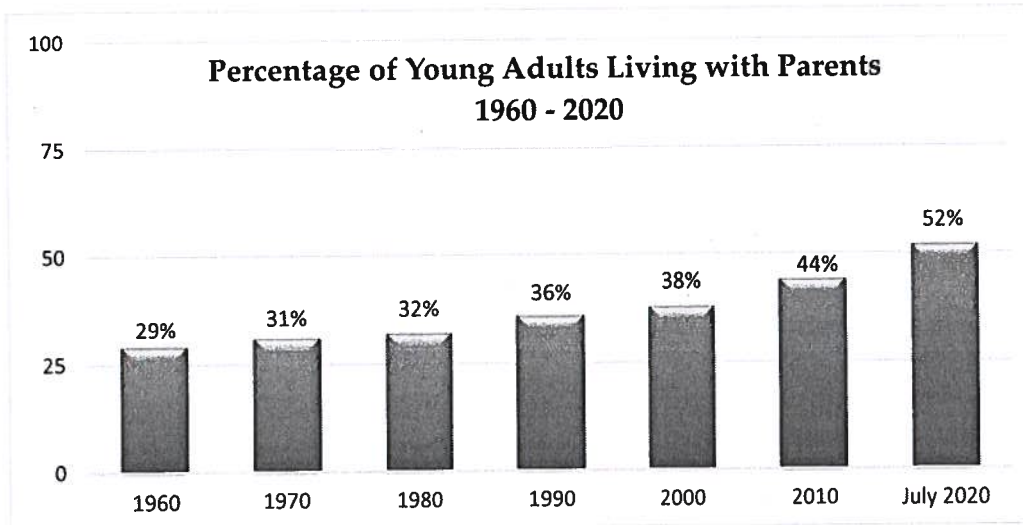
Figure 7 - Percentage of Young Adults Living with Parents 1960 - 2020
Source: Pew Research Center

D. NON-PUBLIC SCHOOL ENROLLMENT

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

Census Bureau data shows that in 2019, private schools in New York State enrolled approximately 430,000 students; this reflects a decrease of 6.5 percent since 2010, when approximately 460,000 students attended private schools. However, while the number of students has decreased, the share of total school children enrolled in private schools has grown from 14.0 to 14.7 percent during this period. Between 2010 and 2019, the percentage of all school age children attending private schools in Westchester County decreased from 12.8 to 10.7 percent; in Putnam County, 4.2 percent of all school age children attended private schools in 2019 compared to 6.3 percent in 2010.

This year, 39 North Salem School District resident students (3.7 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.

Private school enrollment has been impacted by declining Catholic school enrollment, which has dropped substantially since its peak in the early 1960's, when more than 5.2 million students were enrolled in nearly 13,000 Catholic schools. The *National Catholic Education Association* reported that there were approximately 1.7 million students enrolled in 6,183 Catholic schools in the United States during the 2019-20 school year. In the past ten years, the most significant Catholic school enrollment decline was at the elementary school level, with a decrease of approximately 24 percent.

Private school enrollment has also been impacted by growth in the number of charter schools in the United States. Charter schools offer a tuition-free alternative to traditional public school settings, while providing the individualized attention often offered in private schools. As indicated in Figure 8, data from the *National Alliance for Public Charter Schools* shows that charter school enrollment has increased significantly, growing from 1.2 million students in 2006 to 3.3 million students in 2018 (latest available data). In 2018, there were approximately 7,500 charter schools in the United States, enrolling 6.5 percent of all public school students.

Charter School Enrollment
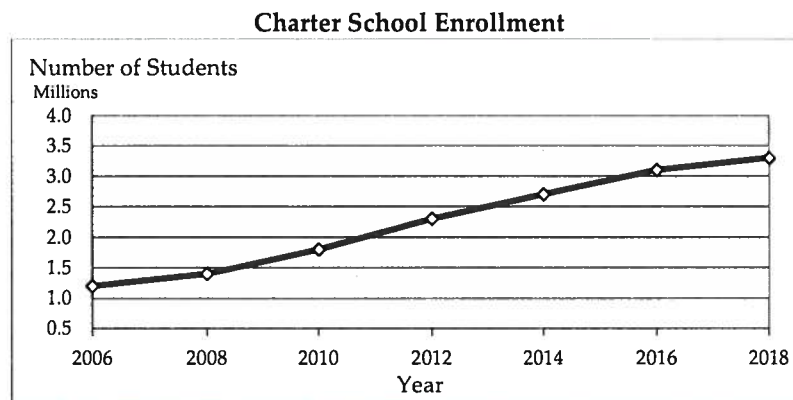
Figure 8 - *Charter School Enrollment*

According to the *New York State Education Department,* there are currently 326 charter schools serving over 150,000 students in New York State; there are approximately 25 additional 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 Yonkers City and Mount Vernon. At the present time, there are no charter schools in operation in Putnam County.

E. ENROLLMENT PROJECTION METHODOLOGY

The *Cohort Survival Technique* was used to project the district's enrollment patterns for the next ten years. Three basic inputs were necessary:

1. Actual enrollment by grade for 2010 - 2020 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. Normal 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 report are based on assumptions generated through the demographic analysis. *This analysis led to the following assumptions:*

1. Population will remain stable due to limited new residential development and changing resident characteristics within the district. The turnover of approximately 65 - 80 homes each year is anticipated to continue.

2. Future kindergarten classes will be maintained close to the current level through 2025, relative to housing turnover and continued changes in the population, followed by a lower level through 2030 due to the anticipated impact on births from the current pandemic.

3. Non-public school enrollment will remain at approximately 3 - 5 percent of district resident students, as has been experienced in the last few years.

The *Cohort Survival Model* is very 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 which is significantly higher or lower than that experienced by the district during the past three years.

- Expansion, consolidation, closing or the establishment 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 - five years, including number of persons per household and 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 dissimilar to the past three - five years.

It is important for the reader to understand the nature of enrollment projections. Regardless of the methodology employed 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 (2021 - 2025) 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 advised that updates to projections be continued on a periodic basis to maintain modifications warranted 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 2019-20 Western Suffolk BOCES study and the actual enrollment observed in the 2020-21 school year. As shown in *Appendix A-1* and Table 6, the 2019-20 study projected the 2020-21 K - 12 enrollment at 1,010 students, while there were actually 1,015 students enrolled. This projection was within five students of the actual enrollment, reflecting accuracy within 0.5 percent.

The projections for each grade level showed variations ranging from 1 - 10 students of the actual enrollments. The K - 5 grade configuration was projected within four students, or 0.9 percent; the 6 - 8 grade configuration was projected within three students, or 1.3 percent; and the 9 - 12 grade configuration was projected within four students, or 1.1 percent, of the actual enrollment.

An inspection of the variations in the enrollment, particularly in the grade-to-grade migrations, revealed fluctuations. On average, the district gains students in transition to grades 1 - 6 and 8; average maintenance is noted to seventh grade and average losses are recorded in progression to grades 9 - 12.

Table 6 – Accuracy of the Western Suffolk BOCES 2019-20 Projections for 2020-21

Grades	2020-21 Actual	2020-21 Projected	Difference	Projected/Actual
K - 12	1,015	1,010	-5	99.5%
K - 5	426	422	-4	99.1%
6 - 8	229	232	3	101.3%
9 - 12	360	356	-4	98.9%

G. DISTRICT ENROLLMENT

The North Salem Central School District educates students within 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 2030 for the district and each grade configuration. It is shown that the elementary (K - 5) and high school (9 - 12) grade configurations are each expected to be at their projection period peak enrollmens in 2021, while the middle (6 - 8) grades are expected to enroll the greatest number of students in 2027. District enrollment is expected to be at its projection period peak in 2021, when 1,013 students are anticipated; this is a decrease of two students, when compared to the current enrollment.

Table 7 - Projected North Salem CSD Enrollment

Year		K - 5	6 - 8	9 - 12	K - 12
Actual	2020	426	229	360	1,015
Projected	2021	438*	243	332*	1,013*
	2022	432	232	328	992
	2023	437	223	311	971
	2024	434	226	295	955
	2025	429	227	311	967
	2026	411	240	293	944
	2027	389	250*	292	931
	2028	384	240	297	921
	2029	375	232	301	908
	2030	365	218	319	902

* = denotes peak enrollment during 2021 - 2030

District enrollment *[Appendix A-2, A-5]* consisted of 1,325 students in grades K - 12 in 2010; this was the historical peak enrollment. Losses in each of the last ten years led to the current enrollment of 1,015 students in 2020. This represents a loss of 310 students, or 23.4 percent, during the historical period.

Small losses are projected in nine of the next ten years leading to the anticipated enrollment of 902 students in 2030. This represents an overall loss of 113 students, or 11.1 percent, when compared to the current enrollment.

The projected enrollment can be attributed to several factors:

☞ **First,** the kindergarten enrolled between 54 and 91 students each year between 2010 and 2019; there are currently 68 kindergarten students enrolled. Projections indicate that the kindergarten enrollment will be maintained close to the current level during the next five years, ranging within 58 - 74 students through 2025. Subsequently, kindergarten cohorts are projected to be at a lower level, with 53 - 54 students expected each year between 2026 - 2030 *[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 9 - 30 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 students in transition to grades 1 - 6 and 8; average maintenance is noted to seventh grade and average losses are recorded in progression to grades 9 - 12. However, the gains in transition will be minimized by the losses through displacement *[Appendix A-2]*.

☞ **Fourth,** the average grade level size decreased in grades K - 8 and 10 - 12 during 2015 - 2020 as compared to 2010 - 2015. Grade level size decreases are anticipated in grades 4 - 12 during 2020 - 2025. Grade level size decreases are anticipated in grades K - 4 and 10 - 12 during 2025 - 2030 *[Appendix A-7]*.

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

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

Pequenakonck Elementary School enrolled 575 students in grades K - 5 in 2010. A gain the following year resulted in the historical peak enrollment of 586 students in 2011. Subsequently, losses in seven of the last nine years led to the enrollment of 426 students in 2020. This represents a loss of 149 students, or 25.9 percent, during the historical period.

Small decreases are expected in eight of the next ten years. The forecasted 2030 enrollment of 365 students represents a loss of 61 students, or 14.3 percent, when compared to the current enrollment.

Pequenakonck Elementary School displays the average trend to gain students in transition to all grades. However, it is projected that the entering kindergarten class will be smaller than the exiting fifth grade class in nine of the next ten years, minimizing the gains occurring through 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 2030. This school currently houses twenty-six (26) sections for the instruction of four sections per grade level and two sections of self-contained special education. The average section size for this school is 17.5 students, ranging from an average of 16.0 students in third grade to 18.5 students in fourth grade. Enrollment projections suggest the need for 20 - 24 instructional sections throughout the projection period, including two sections of self-contained special education, in order to maintain maximum class sizes of 20 students in grades K - 2 and 25 students in grades 3 - 5.

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

Year		K - 5 Enrollment	Instructional Sections
Actual	2020	426	26
Projected	2021	438*	24
	2022	432	22
	2023	437	24
	2024	434	23
	2025	429	23
	2026	411	22
	2027	389	21
	2028	384	20
	2029	375	20
	2030	365	20

*=denotes peak enrollment during 2021 - 2030
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 314 students in 2010; this was the historical peak enrollment. Subsequently, losses in seven of the last ten years led to the current enrollment of 229 students in 2020. This represents a loss of 85 students, or 27.1 percent, during the historical period.

Enrollment is projected to fluctuate but overall remain relatively stable, ranging within 218 - 250 students during the next ten years. The projected 2030 enrollment of 218 students represents a loss of 11 students, when compared to the current enrollment.

Enrollment in the high school grades (9 - 12) consisted of 436 students in 2010; this was the historical peak enrollment. Subsequently, losses in seven of the last ten years led to the current enrollment of 360 students in 2020. This represents a loss of 76 students, or 17.4 percent, during the historical period.

Losses are expected in six of the next ten years, leading to the projected 2030 enrollment of 319 students. This represents a loss of 41 students, or 11.4 percent, when compared to the current enrollment.

North Salem Middle School/High School displays the average trend to maintain students in transition to seventh grade, gain students in transition to eighth grade and lose students in transition to grades 9 - 12. The incoming sixth grade is expected to be smaller than the graduating twelfth grade of the previous year in eight of the next ten years. 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) and high school (9 - 12) grades are expected to be at their projection period peak enrollments in 2027 and 2021, respectively. The combined middle and high school enrollment is expected to be at its peak in 2021, when 575 students are anticipated; this is 14 fewer students than are currently enrolled.

Projections suggest that a total of 23 rooms will be needed in 2021, decreasing to 22 rooms by 2030, 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	2020	229	360	589	
Projected	2021	243	332*	575*	23
	2022	232	328	560	22
	2023	223	311	534	21
	2024	226	295	521	21
	2025	227	311	538	21
	2026	240	293	533	22
	2027	250*	292	542	22
	2028	240	297	537	22
	2029	232	301	533	21
	2030	218	319	537	22

*denotes peak enrollment during 2021 - 2030

Appendix A

NORTH SALEM CENTRAL SCHOOL DISTRICT
ACCURACY OF WESTERN SUFFOLK BOCES 2019-20 PROJECTIONS FOR 2020-21

Grade	Actual 2020-21	Projected	Difference
KINDERGARTEN	68	64	-4
FIRST	70	65	-5
SECOND	71	71	0
THIRD	64	63	-1
FOURTH	74	74	0
FIFTH	73	83	10
SIXTH	78	79	1
SEVENTH	88	93	5
EIGHTH	63	60	-3
NINTH	91	93	2
TENTH	93	93	0
ELEVENTH	90	90	0
TWELFTH	83	80	-3
UNGRADED	9	2	-7
			Projected/Actual
K - 12	1,015	1,010	-5	99.5%
K - 5	426	422	-4	99.1%
6 - 8	229	232	3	101.3%
9 - 12	360	356	-4	98.9%

prepared by Western Suffolk BOCES, Office of School Planning and Research, for North Salem CSD, 2020-21

NORTH SALEM CENTRAL SCHOOL DISTRICT
HISTORICAL DISTRICT ENROLLMENT

GRADE	Oct-10	Oct-11	Oct-12	Oct-13	Oct-14	Oct-15	Oct-16	Oct-17	Oct-18	Oct-19	Oct-20
KINDERGARTEN	74	91	62	64	77	69	66	54	69	63	68
FIRST	95	79	92	61	69	74	74	63	61	69	70
SECOND	94	101	75	97	62	68	76	78	66	62	71
THIRD	105	97	94	74	101	59	77	74	77	72	64
FOURTH	105	108	97	91	80	93	58	79	76	80	74
FIFTH	98	105	109	101	98	85	96	60	85	78	73
SIXTH	91	100	102	113	94	96	89	97	57	92	78
SEVENTH	111	91	94	101	112	91	96	91	96	59	88
EIGHTH	112	107	89	92	102	110	94	97	96	97	63
NINTH	92	101	98	82	89	97	106	90	92	94	91
TENTH	123	93	103	100	82	92	96	112	85	91	93
ELEVENTH	104	120	88	101	96	86	95	96	110	83	90
TWELFTH	113	104	117	87	100	95	84	92	93	104	83
UNGRADED	8	9	3	0	0	0	0	0	0	2	9
TOTAL	1,325	1,306	1,223	1,164	1,162	1,115	1,107	1,083	1,063	1,046	1,015
CHANGE		-19	-83	-59	-2	-47	-8	-24	-20	-17	-31
% CHANGE		-1.4%	-6.4%	-4.8%	-0.2%	-4.0%	-0.7%	-2.2%	-1.8%	-1.6%	-3.0%
OUT OF DISTRICT (OOD) PLACEMENTS	21	19	19	15	13	13	15	14	12	8	13
TOTAL w/ OOD	1,346	1,325	1,242	1,179	1,175	1,128	1,122	1,097	1,075	1,054	1,028

MIGRATION	10 - 11	11 - 12	12 - 13	13 - 14	14 - 15	15 - 16	16 - 17	17 - 18	18 - 19	19 - 20	AVERAGE
K - 1	106.8%	101.1%	98.4%	107.8%	96.1%	107.2%	95.5%	113.0%	100.0%	111.1%	105.4%
1 - 2	106.3%	94.9%	105.4%	101.6%	98.6%	102.7%	105.4%	104.8%	101.6%	102.9%	103.1%
2 - 3	103.2%	93.1%	98.7%	104.1%	95.2%	113.2%	97.4%	98.7%	109.1%	103.2%	102.1%
3 - 4	102.9%	100.0%	96.8%	108.1%	92.1%	98.3%	102.6%	102.7%	103.9%	102.8%	103.0%
4 - 5	100.0%	100.9%	104.1%	107.7%	106.3%	103.2%	103.4%	107.6%	102.6%	91.3%	102.4%
5 - 6	102.0%	97.1%	103.7%	93.1%	98.0%	104.7%	101.0%	95.0%	108.2%	100.0%	100.9%
6 - 7	100.0%	94.0%	99.0%	99.1%	96.8%	100.0%	102.2%	99.0%	103.5%	95.7%	100.1%
7 - 8	96.4%	97.8%	97.9%	101.0%	98.2%	103.3%	101.0%	105.5%	101.0%	106.8%	103.6%
8 - 9	90.2%	91.6%	92.1%	96.7%	95.1%	96.4%	95.7%	94.8%	97.9%	93.8%	95.2%
9 - 10	101.1%	102.0%	102.0%	100.0%	103.4%	99.0%	105.7%	94.4%	98.9%	98.9%	99.4%
10 - 11	97.6%	94.6%	98.1%	96.0%	104.9%	103.3%	100.0%	98.2%	97.6%	98.9%	98.7%
11 - 12	100.0%	97.5%	98.9%	99.0%	99.0%	97.7%	96.8%	96.9%	94.5%	100.0%	97.1%

NORTH SALEM CENTRAL SCHOOL DISTRICT
HISTORICAL DISTRICT ENROLLMENT BY GRADE CONFIGURATION

GRADE	Oct-10	Oct-11	Oct-12	Oct-13	Oct-14	Oct-15	Oct-16	Oct-17	Oct-18	Oct-19	Oct-20
KINDERGARTEN	74	91	62	64	77	69	66	54	69	63	68
FIRST	95	79	92	61	69	74	74	63	61	69	70
SECOND	94	101	75	97	62	68	76	78	66	62	71
THIRD	105	97	94	74	101	59	77	74	77	72	64
FOURTH	105	108	97	91	80	93	58	79	76	80	74
FIFTH	98	105	109	101	98	85	96	60	85	78	73
UNGRADED	4	5	1	0	0	0	0	0	0	2	6
TOTAL K - 5	575	586	530	488	487	448	447	408	434	426	426
CHANGE		11	-56	-42	-1	-39	-1	-39	26	-8	0
% CHANGE		1.9%	-9.6%	-7.9%	-0.2%	-8.0%	-0.2%	-8.7%	6.4%	-1.8%	0.0%
SIXTH	91	100	102	113	94	96	89	97	57	92	78
SEVENTH	111	91	94	101	112	91	96	91	96	59	88
EIGHTH	112	107	89	92	102	110	94	97	96	97	63
UNGRADED	0	0	1	0	0	0	0	0	0	0	0
TOTAL 6 - 8	314	298	286	306	308	297	279	285	249	248	229
CHANGE		-16	-12	20	2	-11	-18	6	-36	-1	-19
% CHANGE		-5.1%	-4.0%	7.0%	0.7%	-3.6%	-6.1%	2.2%	-12.6%	-0.4%	-7.7%
NINTH	92	101	98	82	89	97	106	90	92	94	91
TENTH	123	93	103	100	82	92	96	112	85	91	93
ELEVENTH	104	120	88	101	96	86	95	96	110	83	90
TWELFTH	113	104	117	87	100	95	84	92	93	104	83
UNGRADED	4	4	1	0	0	0	0	0	0	0	3
TOTAL 9 - 12	436	422	407	370	367	370	381	390	380	372	360
CHANGE		-14	-15	-37	-3	3	11	9	-10	-8	-12
% CHANGE		-3.2%	-3.6%	-9.1%	-0.8%	0.8%	3.0%	2.4%	-2.6%	-2.1%	-3.2%
TOTAL 6 - 12	750	720	693	676	675	667	660	675	629	620	589
CHANGE		-30	-27	-17	-1	-8	-7	15	-46	-9	-31
% CHANGE		-4.0%	-3.8%	-2.5%	-0.1%	-1.2%	-1.0%	2.3%	-6.8%	-1.4%	-5.0%
TOTAL K - 12	1,325	1,306	1,223	1,164	1,162	1,115	1,107	1,083	1,063	1,046	1,015
CHANGE		-19	-83	-59	-2	-47	-8	-24	-20	-17	-31
% CHANGE		-1.4%	-6.4%	-4.8%	-0.2%	-4.0%	-0.7%	-2.2%	-1.8%	-1.6%	-3.0%

NORTH SALEM CENTRAL SCHOOL DISTRICT
KINDERGARTEN PROJECTIONS

Birth Year	Births Westchester & Putnam Counties	SD	Enrollment Year	District K	Ratios K/ 2 cnty births
2005	13,129	71	2010	74	0.0056
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	74	
2017	11,227	41	2022	58	
preliminary 2018	10,884		2023	62	
est. 2019	11,056		2024	63	
est. 2020	10,958		2025	62	
est. 2021	10,167		2026	53	
est. 2022	10,403		2027	54	
est. 2023	10,329		2028	53	
est. 2024	10,175		2029	53	0.0057
est. 2025	10,166		2030	53	historical average

NORTH SALEM CENTRAL SCHOOL DISTRICT
PROJECTED DISTRICT ENROLLMENT

GRADE	Oct-20 Actual	Oct-21	Oct-22	Oct-23	Oct-24	Oct-25	Oct-26	Oct-27	Oct-28	Oct-29	Oct-30
KINDERGARTEN	68	74	58	62	63	62	53	54	53	53	53
FIRST	70	72	78	61	65	66	65	56	57	56	56
SECOND	71	72	74	80	63	67	68	67	58	59	58
THIRD	64	72	74	76	82	64	68	69	68	59	60
FOURTH	74	66	74	76	78	84	66	70	71	70	61
FIFTH	73	76	68	76	78	80	86	68	72	73	72
SIXTH	78	74	77	69	77	79	81	87	69	73	74
SEVENTH	88	78	74	77	69	77	79	81	87	69	73
EIGHTH	63	91	81	77	80	71	80	82	84	90	71
NINTH	91	60	87	77	73	76	68	76	78	80	86
TENTH	93	90	60	86	77	73	76	68	76	78	80
ELEVENTH	90	92	89	59	85	76	72	75	67	75	77
TWELFTH	83	87	89	86	57	83	74	70	73	65	73
UNGRADED	9	9	9	9	8	9	8	8	8	8	8
TOTAL	1,015	1,013	992	971	955	967	944	931	921	908	902
CHANGE		-2	-21	-21	-16	12	-23	-13	-10	-13	-6
% CHANGE		-0.2%	-2.1%	-2.1%	-1.6%	1.3%	-2.4%	-1.4%	-1.1%	-1.4%	-0.7%
OOD PLACEMENTS	13	11	11	11	11	11	10	10	10	10	10
TOTAL w/ OOD	1,028	1,024	1,003	982	966	978	954	941	931	918	912

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.

prepared by Western Suffolk BOCES, Office of School Planning and Research, for North Salem CSD, 2020-21

NORTH SALEM CENTRAL SCHOOL DISTRICT
PROJECTED DISTRICT ENROLLMENT BY GRADE CONFIGURATION

GRADE	Oct-20 Actual	Oct-21	Oct-22	Oct-23	Oct-24	Oct-25	Oct-26	Oct-27	Oct-28	Oct-29	Oct-30
KINDERGARTEN	68	74	58	62	63	62	53	54	53	53	53
FIRST	70	72	78	61	65	66	65	56	57	56	56
SECOND	71	72	74	80	63	67	68	67	58	59	58
THIRD	64	72	74	76	82	64	68	69	68	59	60
FOURTH	74	66	74	76	78	84	66	70	71	70	61
FIFTH	73	76	68	76	78	80	86	68	72	73	72
UNGRADED	6	6	6	6	5	6	5	5	5	5	5
TOTAL K - 5	426	438	432	437	434	429	411	389	384	375	365
CHANGE		12	-6	5	-3	-5	-18	-22	-5	-9	-10
% CHANGE		2.8%	-1.4%	1.2%	-0.7%	-1.2%	-4.2%	-5.4%	-1.3%	-2.3%	-2.7%
SIXTH	78	74	77	69	77	79	81	87	69	73	74
SEVENTH	88	78	74	77	69	77	79	81	87	69	73
EIGHTH	63	91	81	77	80	71	80	82	84	90	71
TOTAL 6 - 8	229	243	232	223	226	227	240	250	240	232	218
CHANGE		14	-11	-9	3	1	13	10	-10	-8	-14
% CHANGE		6.1%	-4.5%	-3.9%	1.3%	0.4%	5.7%	4.2%	-4.0%	-3.3%	-6.0%
NINTH	91	60	87	77	73	76	68	76	78	80	86
TENTH	93	90	60	86	77	73	76	68	76	78	80
ELEVENTH	90	92	89	59	85	76	72	75	67	75	77
TWELFTH	83	87	89	86	57	83	74	70	73	65	73
UNGRADED	3	3	3	3	3	3	3	3	3	3	3
TOTAL 9 - 12	360	332	328	311	295	311	293	292	297	301	319
CHANGE		-28	-4	-17	-16	16	-18	-1	5	4	18
% CHANGE		-7.8%	-1.2%	-5.2%	-5.1%	5.4%	-5.8%	-0.3%	1.7%	1.3%	6.0%
TOTAL 6 - 12	589	575	560	534	521	538	533	542	537	533	537
CHANGE		-14	-15	-26	-13	17	-5	9	-5	-4	4
% CHANGE		-2.4%	-2.6%	-4.6%	-2.4%	3.3%	-0.9%	1.7%	-0.9%	-0.7%	0.8%
TOTAL K - 12	1,015	1,013	992	971	955	967	944	931	921	908	902
CHANGE		-2	-21	-21	-16	12	-23	-13	-10	-13	-6
% CHANGE		-0.2%	-2.1%	-2.1%	-1.6%	1.3%	-2.4%	-1.4%	-1.1%	-1.4%	-0.7%

NORTH SALEM CENTRAL SCHOOL DISTRICT
AVERAGE GRADE LEVEL SIZE

GRADE	1 10 - 15	2 15 - 20	3 20 - 25	4 25 - 30	2/1	change 3/2	4/3
KINDERGARTEN	73	65	65	55	-11.0%	0.0%	-15.4%
FIRST	78	69	69	59	-11.5%	0.0%	-14.5%
SECOND	83	70	71	63	-15.7%	1.4%	-11.3%
THIRD	88	71	72	65	-19.3%	1.4%	-9.7%
FOURTH	96	77	75	70	-19.8%	-2.6%	-6.7%
FIFTH	99	80	75	75	-19.2%	-6.3%	0.0%
SIXTH	99	85	76	77	-14.1%	-10.6%	1.3%
SEVENTH	100	87	77	78	-13.0%	-11.5%	1.3%
EIGHTH	102	93	77	80	-8.8%	-17.2%	3.9%
NINTH	93	95	77	77	2.2%	-18.9%	0.0%
TENTH	99	95	80	75	-4.0%	-15.8%	-6.3%
ELEVENTH	99	93	82	74	-6.1%	-11.8%	-9.8%
TWELFTH	103	92	81	73	-10.7%	-12.0%	-9.9%

DISPLACEMENT BETWEEN ENTERING & EXITING GRADES

YEAR	GRADE 12	YEAR	K	DIFFERENCE
2010	113	2011	91	-22
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	74	-9
2021	87	2022	58	-29
2022	89	2023	62	-27
2023	86	2024	63	-23
2024	57	2025	62	5
2025	83	2026	53	-30
2026	74	2027	54	-20
2027	70	2028	53	-17
2028	73	2029	53	-20
2029	65	2030	53	-12

Average Difference 2010 - 2015   -32
Average Difference 2015 - 2020   -30
Average Difference 2020 - 2025   -17
Average Difference 2025 - 2030   -20

prepared by Western Suffolk BOCES, Office of School Planning and Research, for North Salem CSD, 2020-21

PEQUENAKONCK ELEMENTARY SCHOOL
HISTORICAL ENROLLMENT

GRADE	Oct-10	Oct-11	Oct-12	Oct-13	Oct-14	Oct-15	Oct-16	Oct-17	Oct-18	Oct-19	Oct-20
KINDERGARTEN	74	91	62	64	77	69	66	54	69	63	68
FIRST	95	79	92	61	69	74	74	63	61	69	70
SECOND	94	101	75	97	62	68	76	78	66	62	71
THIRD	105	97	94	74	101	59	77	74	77	72	64
FOURTH	105	108	97	91	80	93	58	79	76	80	74
FIFTH	98	105	109	101	98	85	96	60	85	78	73
UNGRADED	4	5	1	0	0	0	0	0	0	2	6
TOTAL	575	586	530	488	487	448	447	408	434	426	426
% CHANGE		1.9%	-9.6%	-7.9%	-0.2%	-8.0%	-0.2%	-8.7%	6.4%	-1.8%	0.0%

MIGRATION	10 - 11	11 - 12	12 - 13	13 - 14	14 - 15	15 - 16	16 - 17	17 - 18	18 - 19	19 - 20	AVERAGE
K - 1	106.8%	101.1%	98.4%	107.8%	96.1%	107.2%	95.5%	113.0%	100.0%	111.1%	105.4%
1 - 2	106.3%	94.9%	105.4%	101.6%	98.6%	102.7%	105.4%	104.8%	101.6%	102.9%	103.1%
2 - 3	103.2%	93.1%	98.7%	104.1%	95.2%	113.2%	97.4%	98.7%	109.1%	103.2%	102.1%
3 - 4	102.9%	100.0%	96.8%	108.1%	92.1%	98.3%	102.6%	102.7%	103.9%	102.8%	103.0%
4 - 5	100.0%	100.9%	104.1%	107.7%	106.3%	103.2%	103.4%	107.6%	102.6%	91.3%	102.4%

PEQUENAKONCK ELEMENTARY SCHOOL
PROJECTED ENROLLMENT

GRADE	Oct-20 Actual	Oct-21	Oct-22	Oct-23	Oct-24	Oct-25	Oct-26	Oct-27	Oct-28	Oct-29	Oct-30
KINDERGARTEN	68	74	58	62	63	62	53	54	53	53	53
FIRST	70	72	78	61	65	66	65	56	57	56	56
SECOND	71	72	74	80	63	67	68	67	58	59	58
THIRD	64	72	74	76	82	64	68	69	68	59	60
FOURTH	74	66	74	76	78	84	66	70	71	70	61
FIFTH	73	76	68	76	78	80	86	68	72	73	72
UNGRADED	6	6	6	6	5	6	5	5	5	5	5
TOTAL	426	438	432	437	434	429	411	389	384	375	365
% CHANGE		2.8%	-1.4%	1.2%	-0.7%	-1.2%	-4.2%	-5.4%	-1.3%	-2.3%	-2.7%

prepared by Western Suffolk BOCES, Office of School Planning and Research, for North Salem CSD, 2020-21

PEQUENAKONCK ELEMENTARY SCHOOL
PROJECTED ENROLLMENT - SECTIONAL ANALYSIS   based on maximum class sizes: grades K - 2 = 22, grades 3 - 5 = 25

GRADE	Oct-20 Actual	Oct-21	Oct-22	Oct-23	Oct-24	Oct-25	Oct-26	Oct-27	Oct-28	Oct-29	Oct-30
KINDERGARTEN (22)	68	74	58	62	63	62	53	54	53	53	53
# of Sections	4	4	3	3	3	3	3	3	3	3	3
Avg Section Size	17.0	18.5	19.3	20.7	21.0	20.7	17.7	18.0	17.7	17.7	17.7
FIRST (22)	70	72	78	61	65	66	65	56	57	56	56
# of Sections	4	4	4	3	3	3	3	3	3	3	3
Avg Section Size	17.5	18.0	19.5	20.3	21.7	22.0	21.7	18.7	19.0	18.7	18.7
SECOND (22)	71	72	74	80	63	67	68	67	58	59	58
# of Sections	4	4	4	4	3	4	4	4	3	3	3
Avg Section Size	17.8	18.0	18.5	20.0	21.0	16.8	17.0	16.8	19.3	19.7	19.3
THIRD (25)	64	72	74	76	82	64	68	69	68	59	60
# of Sections	4	3	3	4	4	3	3	3	3	3	3
Avg Section Size	16.0	24.0	24.7	19.0	20.5	21.3	22.7	23.0	22.7	19.7	20.0
FOURTH (25)	74	66	74	76	78	84	66	70	71	70	61
# of Sections	4	3	3	4	4	4	3	3	3	3	3
Avg Section Size	18.5	22.0	24.7	19.0	19.5	21.0	22.0	23.3	23.7	23.3	20.3
FIFTH (25)	73	76	68	76	78	80	86	68	72	73	72
# of Sections	4	4	3	4	4	4	4	3	3	3	3
Avg Section Size	18.3	19.0	22.7	19.0	19.5	20.0	21.5	22.7	24.0	24.3	24.0
UNGRADED GRADED SC SPED in grade level counts	6	6	6	6	5	6	5	5	5	5	5
# of Sections	2	2	2	2	2	2	2	2	2	2	2
Total Enrollment	426	438	432	437	434	429	411	389	384	375	365
Total Sections	26	24	22	24	23	23	22	21	20	20	20
Avg Section Size	17.5	19.9	21.6	19.7	20.5	20.3	20.4	20.4	21.1	20.6	20.0

Note: Graded SC SPED students are included in grade level counts. The acutal 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.

prepared by Western Suffolk BOCES, Office of School Planning and Research, for North Salem CSD, 2020-21

NORTH SALEM MIDDLE SCHOOL/HIGH SCHOOL
HISTORICAL ENROLLMENT

GRADE	Oct-10	Oct-11	Oct-12	Oct-13	Oct-14	Oct-15	Oct-16	Oct-17	Oct-18	Oct-19	Oct-20
SIXTH	91	100	102	113	94	96	89	97	57	92	78
SEVENTH	111	91	94	101	112	91	96	91	96	59	88
EIGHTH	112	107	89	92	102	110	94	97	96	97	63
UNGRADED	0	0	1	0	0	0	0	0	0	0	0
TOTAL 6 - 8	314	298	286	306	308	297	279	285	249	248	229
% CHANGE		-5.1%	-4.0%	7.0%	0.7%	-3.6%	-6.1%	2.2%	-12.6%	-0.4%	-7.7%
NINTH	92	101	98	82	89	97	106	90	92	94	91
TENTH	123	93	103	100	82	92	96	112	85	91	93
ELEVENTH	104	120	88	101	96	86	95	96	110	83	90
TWELFTH	113	104	117	87	100	95	84	92	93	104	83
UNGRADED	4	4	1	0	0	0	0	0	0	0	3
TOTAL 9 - 12	436	422	407	370	367	370	381	390	380	372	360
% CHANGE		-3.2%	-3.6%	-9.1%	-0.8%	0.8%	3.0%	2.4%	-2.6%	-2.1%	-3.2%
TOTAL 6 - 12	750	720	693	676	675	667	660	675	629	620	589
% CHANGE		-4.0%	-3.8%	-2.5%	-0.1%	-1.2%	-1.0%	2.3%	-6.8%	-1.4%	-5.0%

MIGRATION	10 - 11	11 - 12	12 - 13	13 - 14	14 - 15	15 - 16	16 - 17	17 - 18	18 - 19	19 - 20	AVERAGE
6 - 7	100.0%	94.0%	99.0%	99.1%	96.8%	100.0%	102.2%	99.0%	103.5%	95.7%	100.1%
7 - 8	96.4%	97.8%	97.9%	101.0%	98.2%	103.3%	101.0%	105.5%	101.0%	106.8%	103.6%
8 - 9	90.2%	91.6%	92.1%	96.7%	95.1%	96.4%	95.7%	94.8%	97.9%	93.8%	95.2%
9 - 10	101.1%	102.0%	102.0%	100.0%	103.4%	99.0%	105.7%	94.4%	98.9%	98.9%	99.4%
10 - 11	97.6%	94.6%	98.1%	96.0%	104.9%	103.3%	100.0%	98.2%	97.6%	98.9%	98.7%
11 - 12	100.0%	97.5%	98.9%	99.0%	99.0%	97.7%	96.8%	96.9%	94.5%	100.0%	97.1%

NORTH SALEM MIDDLE SCHOOL/HIGH SCHOOL
PROJECTED ENROLLMENT

GRADE	Oct-20 Actual	Oct-21	Oct-22	Oct-23	Oct-24	Oct-25	Oct-26	Oct-27	Oct-28	Oct-29	Oct-30
SIXTH	78	74	77	69	77	79	81	87	69	73	74
SEVENTH	88	78	74	77	69	77	79	81	87	69	73
EIGHTH	63	91	81	77	80	71	80	82	84	90	71
TOTAL 6 - 8	229	243	232	223	226	227	240	250	240	232	218
% CHANGE		6.1%	-4.5%	-3.9%	1.3%	0.4%	5.7%	4.2%	-4.0%	-3.3%	-6.0%
NINTH	91	60	87	77	73	76	68	76	78	80	86
TENTH	93	90	60	86	77	73	76	68	76	78	80
ELEVENTH	90	92	89	59	85	76	72	75	67	75	77
TWELFTH	83	87	89	86	57	83	74	70	73	65	73
UNGRADED	3	3	3	3	3	3	3	3	3	3	3
TOTAL 9 - 12	360	332	328	311	295	311	293	292	297	301	319
% CHANGE		-7.8%	-1.2%	-5.2%	-5.1%	5.4%	-5.8%	-0.3%	1.7%	1.3%	6.0%
TOTAL 6 - 12	589	575	560	534	521	538	533	542	537	533	537
% CHANGE		-2.4%	-2.6%	-4.6%	-2.4%	3.3%	-0.9%	1.7%	-0.9%	-0.7%	0.8%

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

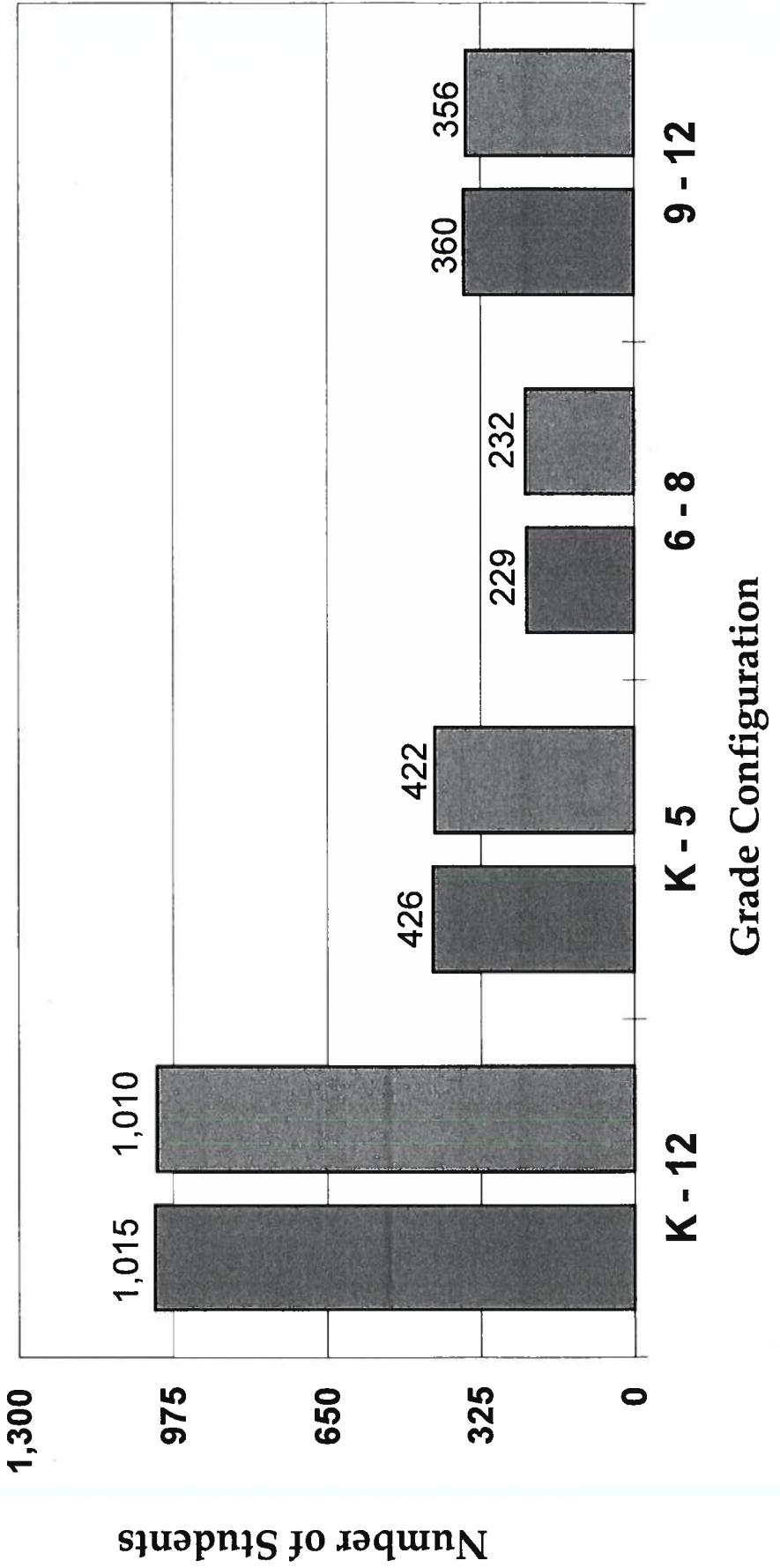| GRADE	Oct-20	Oct-21	Oct-22	Oct-23	Oct-24	Oct-25	Oct-26	Oct-27	Oct-28	Oct-29	Oct-30
Sixth - Eighth (26)		243	232	223	226	227	240	250	240	232	218
# of Core Rooms		10	9	9	9	9	10	10	10	9	9
Avg Section Size		24.3	25.8	24.8	25.1	25.2	24.0	25.0	24.0	25.8	24.2
Core Rooms = ELA, Math, Science, Social Studies, Language, Health, Computer, Special Ed											
Ninth - Twelfth (26)		332	328	311	295	311	293	292	297	301	319
# of Core Rooms		13	13	12	12	12	12	12	12	12	13
Avg Section Size		25.5	25.2	25.9	24.6	25.9	24.4	24.3	24.8	25.1	24.5
Core Rooms = ELA, Math, Science, Social Studies, Language, Health, Computer, Special Ed											
Total 6 - 12 Enrollment		575	560	534	521	538	533	542	537	533	537
Total 6 - 12 Core Rooms		23	22	21	21	21	22	22	22	21	22
Avg Section Size		24.9	25.5	25.3	24.8	25.6	24.2	24.7	24.4	25.4	24.4

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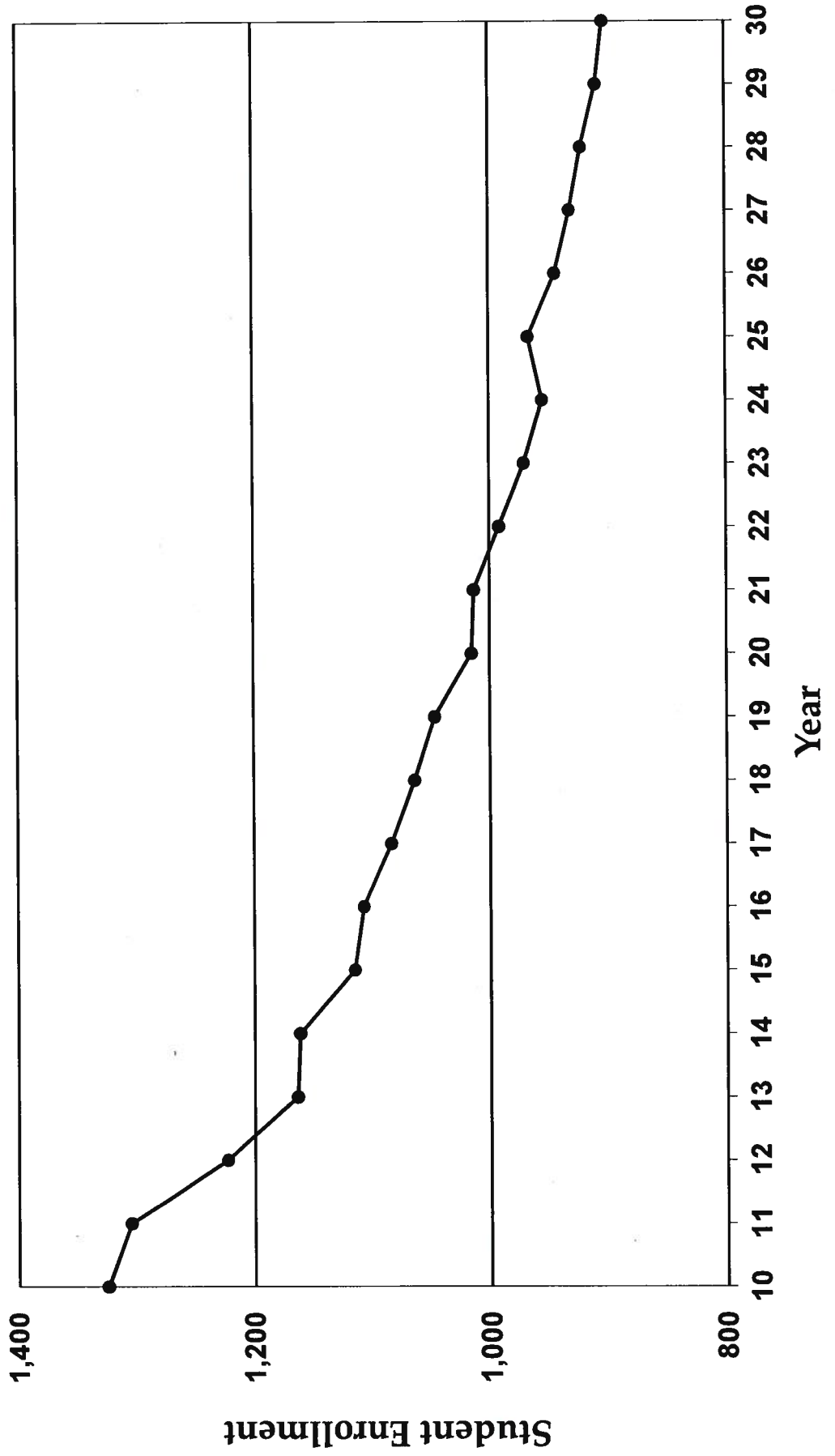
Appendix B

Appendix B

North Salem Central School District
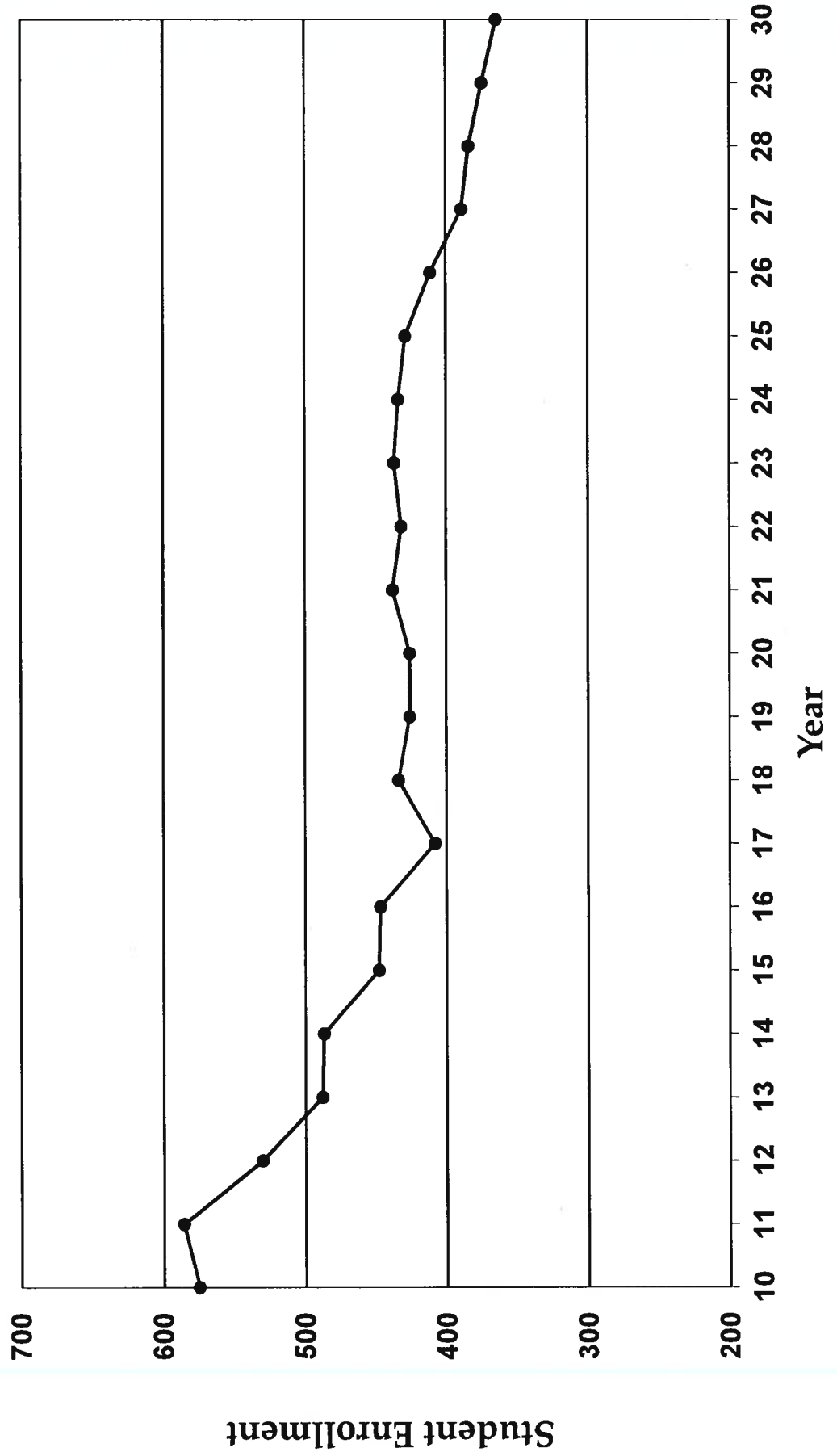
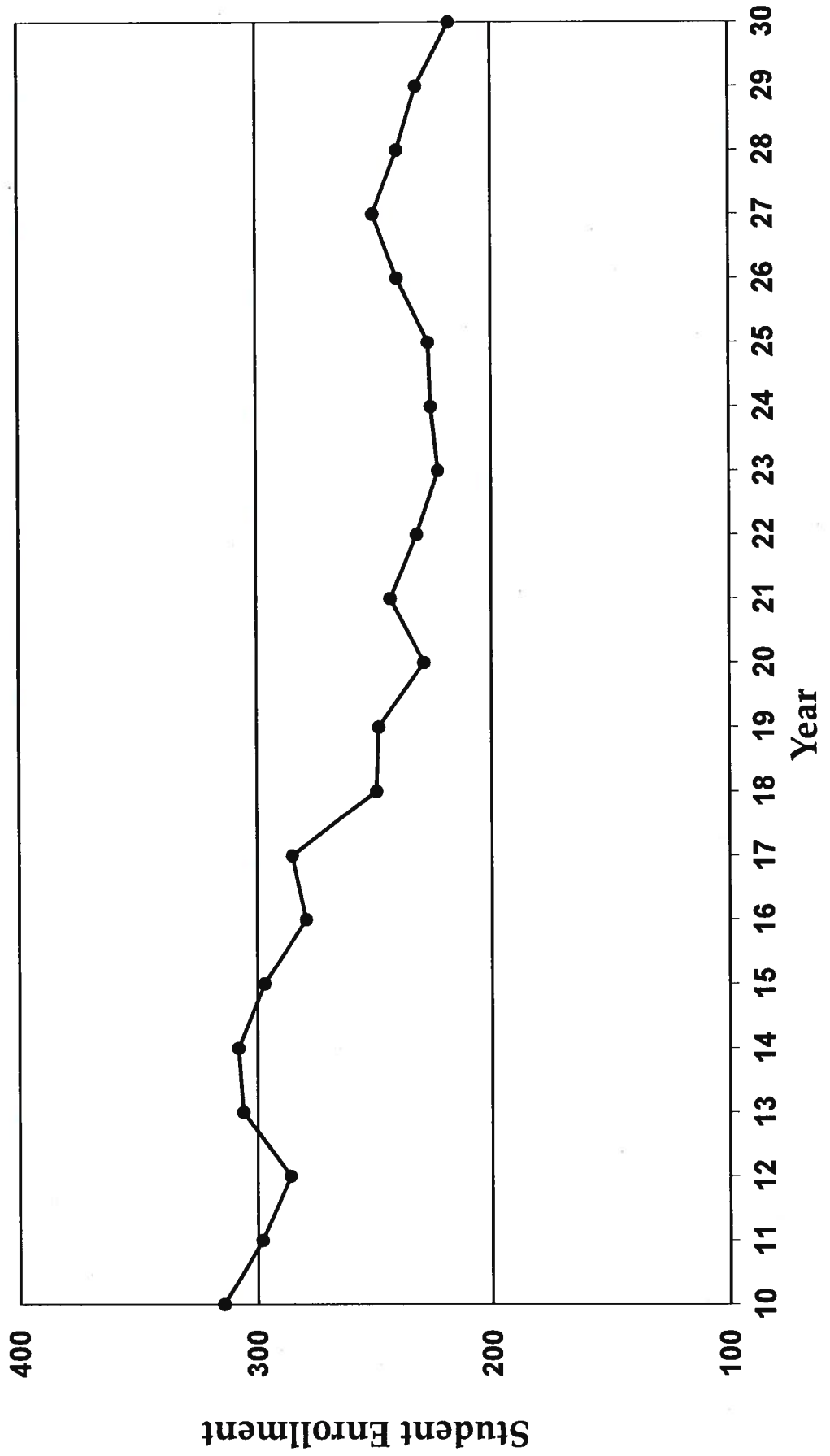## Accuracy of 2019-20 Western Suffolk BOCES Projections for 2020-21

2020-21 Enrollment

Legend: ■ Actual ■ Projected

Grade Configuration	Actual	Projected
K - 12	1,015	1,010
K - 5	426	422
6 - 8	229	232
9 - 12	360	356

Number of Students

B-1

North Salem Central School District
Enrollment: Grades K - 12

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

Student Enrollment vs. Year

North Salem Central School District
Enrollment: Grades 6 - 8

Student Enrollment vs. Year

North Salem Central School District
Enrollment: Grades 9 - 12

Student Enrollment vs. Year

North Salem Central School District
Enrollment Change 2010 – 2030

BOCES
Western Suffolk

BOCES
Western Suffolk
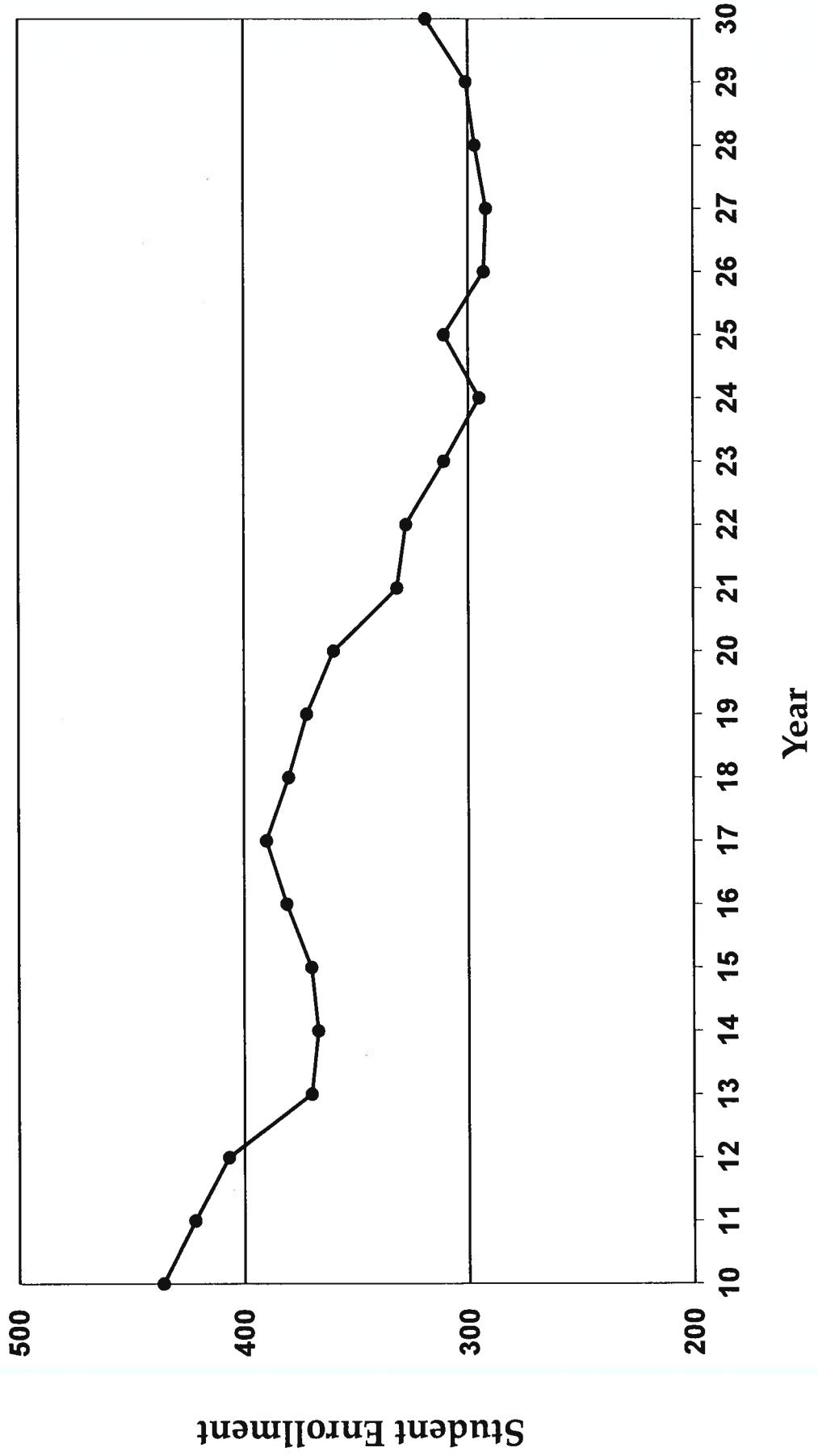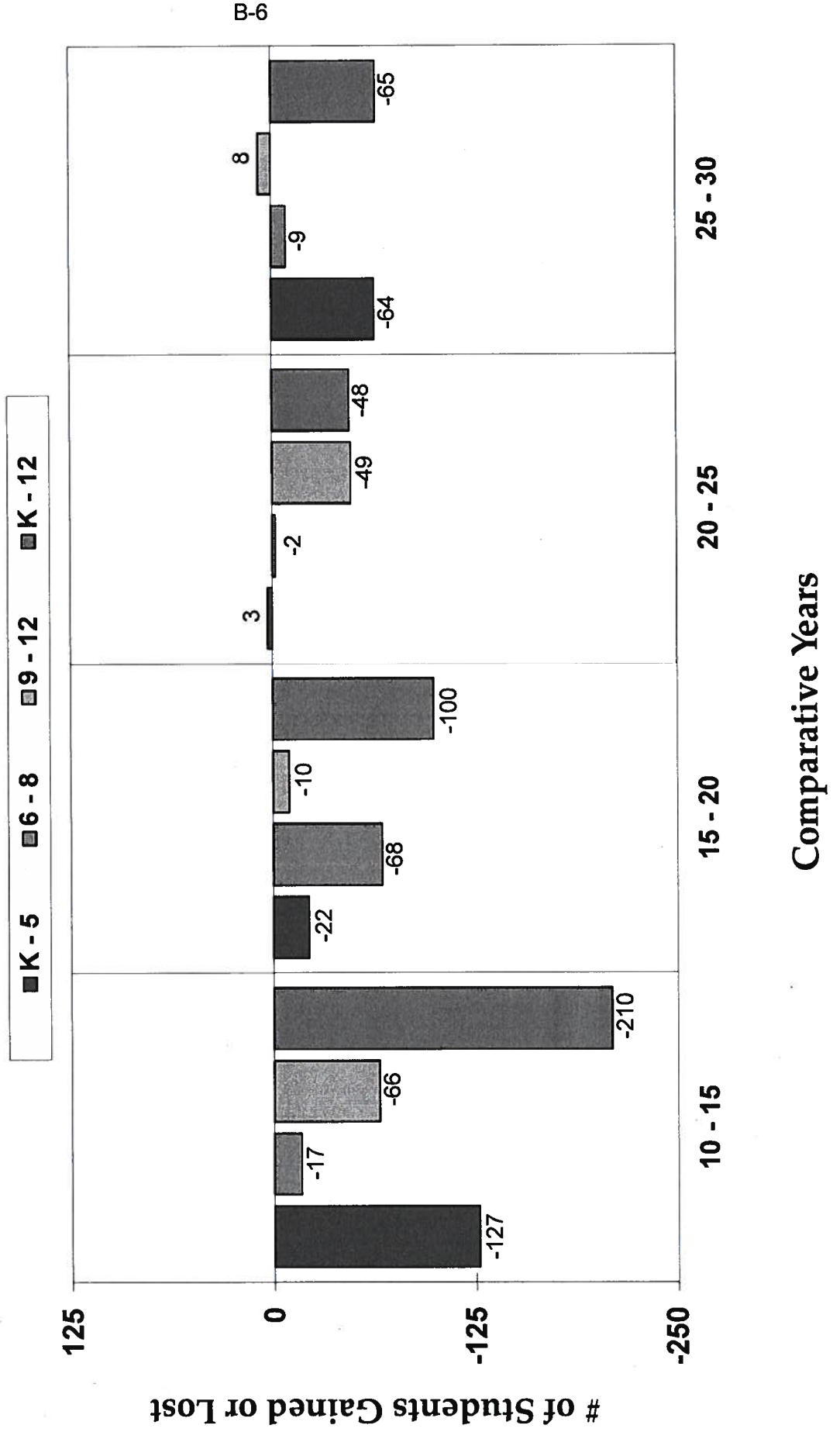
Division of Instructional Support Services

Office of School Planning & Research
31 Lee Avenue
Wheatley Heights, NY 11798
631-595-6802