

NEEDHAM PUBLIC SCHOOLS

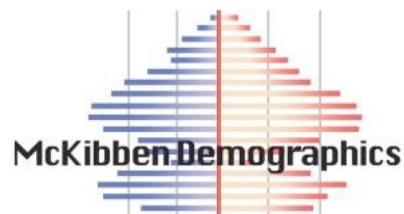
**POPULATION AND ENROLLMENT FORECASTS,
2020-21 THROUGH 2034-35**

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EXECUTIVE SUMMARY

1. The resident total fertility rate for Needham Public Schools over the 15-year life of the forecasts is below replacement level. (1.80 vs. the theoretical replacement level of 2.1)
2. Most in-migration to the district continues to occur in the 0-to-9 and 30-to-44 year old age groups.
3. The local 18-to-24 year old population continues to leave the district, going to college or moving to other urbanized areas. This population group accounts for the largest segment of the district's out migration flow. The second largest out flow is the 70+ age group, which are downsizing their homes and leaving the district
4. The primary factors causing the district's enrollment to rise and then stabilize over the next 15 years is the number of empty nest households (home owners age 70+) "turning over" compared to the number of homes (homeowners age 50-59) that become empty nest each year.
5. Changes in year-to-year enrollment over the next five years will primarily be due to the size of the grade cohorts entering and moving through the school system in conjunction with the size of the cohorts leaving the system.
6. The elementary enrollment will begin a slight decline after the 2026-27 school year in all three scenarios. This will be due primarily to the fact that the rising 5th grade cohorts will be greater the 420 in size while the incoming grade cohorts will decline slightly.
7. Per the District's request, three distinct scenarios, as described below, were developed and used to forecast the population and enrollment change for the area.
8. In scenario Best-A, it is assumed that an effective COVID vaccine will be available in 2021 and fulltime, in-person instruction will return in Fall 2021. The rate of home sales and housing construction in the district will return to 2019 levels and the majority of the elementary students who left the school system in 2020 (particularly kindergarten) will return in fall 2021.
9. In scenario Best-B, it is assumed that an effective COVID vaccine will not become available until 2024. The district will not return to fulltime, in-person instruction until Fall of 2024. The rates of public-school elementary attendance avoidance seen in 2020 will continue for the next three years. Housing market trend will remain at the current depressed levels for the next three years.

10. In the High scenario, the assumptions used in the Best-A scenario are continued. The only difference is the impact of the proposed Overlay housing development (beginning in 2024) are included in the forecast results.
11. In the Best-A scenario, the median age of the population will increase from 42.9 in 2010 to 43.6 in 2035. In the Best-B scenario, the median age of the population will increase from 42.9 in 2010 to 43.4 in 2035. In the High scenario, the median age of the population will decrease from 42.9 in 2010 to 42.2 in 2035.
12. Even if the district continues to have some of annual new home construction (particularly if that construction is rental units), the rate, magnitude and price of existing home sales will become the increasingly dominant factor affecting the amount of population and enrollment change.
13. In the Best-A scenario, total district enrollment is forecasted to increase by 252 students, or 4.6%, between 2020-21 and 2025-26. Total enrollment is forecasted to decrease by 60 students, or -1.0%, from 2025-26 to 2030-31. The total district enrollment is forecasted to decline by 20 students, or -0.3%, from 2030-31 to 2035-36.
14. In the Best-B scenario, total district enrollment is forecasted to decrease by 198 students, or -3.6%, between 2020-21 and 2025-26. Total enrollment is forecasted to increase by 31 students, or 0.5%, from 2025-26 to 2030-31. The total enrollment is forecasted to grow by 238 students, or -4.5%, from 2030-31 to 2035-36.
15. In the High scenario, total district enrollment is forecasted to increase by 253 students, or 4.6%, between 2020-21 and 2025-26. Total enrollment is forecasted to decrease by 2 students, or -0.1%, from 2025-26 to 2030-31. The total district enrollment is forecasted to decline by 9 students, or -0.2%, from 2030-31 to 2035-36.

INTRODUCTION

By demographic principle, distinctions are made between projections and forecasts. A projection extrapolates the past (and present) into the future with little or no attempt to take into account any factors that may impact the extrapolation (e.g., changes in fertility rates, housing patterns or migration patterns) while a forecast results when a projection is modified by reasoning to take into account the aforementioned factors.

To maximize the use of this study as a planning tool, the ultimate goal is not simply to project the past into the future, but rather to assess various factors' impact on the future. The future population and enrollment change of each school district is influenced by a variety of factors. Not all factors will influence the entire school district at the same level. Some may affect different attendance areas at dissimilar magnitudes and rates causing changes at varying points of time within the same district. The forecaster's judgment, based on a thorough and intimate study of the district, has been used to modify the demographic trends and factors to more accurately predict likely changes. Therefore, strictly speaking, this study is a forecast, not a projection; and the amount of modification of the demographic trends varies between different areas of the district as well as within the timeframe of the forecast.

To calculate population forecasts of any type, particularly for smaller populations such as a school district,

realistic suppositions must be made as to what the future will bring in terms of age specific fertility rates, mortality rates, migration rates and residents' demographic behavior at certain points of the life course. The demographic history of the school district and its interplay with the social and economic history of the area is the starting point and basis of most of these suppositions particularly on key factors such as the age structure of the area. The unique nature of each district's and attendance area's demographic composition and rate of change over time must be assessed and understood to be factors throughout the life of the forecast series. For example, age structure, which is the variable with the greatest predictive value in regards to future population and enrollment change, is usually quite varied between different attendance areas. Moreover, no two populations, particularly at the school district, have exactly the same characteristics.

The manifest purpose of these forecasts is to ascertain the demographic factors that will ultimately influence the enrollment levels in the district's schools. There are of course, other non-demographic factors that affect enrollment levels over time. These factors include, but are not limited to transfer policies within the district; student transfers to and from neighboring districts; placement of "special programs" within school facilities that may serve students from outside the attendance area; state or federal mandates that dictate the movement of students from

one facility to another (No Child Left Behind was an excellent example of this factor); the development of charter schools in the district and general area; the prevalence of home schooling in the area; and the dynamics of local private schools.

Unless the district specifically requests the calculation of forecasts that reflect the effects of changes in these non-demographic and non-economic factors, their influences are held constant for the life of the forecasts. Again, the main function of these forecasts is to determine what impact demographic changes will have on future enrollment. It is quite possible to calculate special “scenario” forecasts to measure the impact of school policy modifications as well as planned economic and financial changes. However in this case the results of these population and enrollment forecast are meant to represent the most likely scenario for changes over the next 10 years in the district and its attendance areas given the assumptions used in these forecasts.

The first part of the report will examine the assumptions made in calculating the population forecasts for the Needham Public Schools. Since the results of the population forecasts drive the subsequent enrollment forecasts, the assumptions listed in this section are paramount to understanding the area’s demographic dynamics. The remainder of the report is an explanation and analysis of the district’s population forecasts and how they will shape the district’s grade level enrollment forecasts.

DATA

The data used for the forecasts come from a variety of sources. The Needham Public Schools provided enrollments by grade and attendance center for the school years 2010-2011 to 2020-21. Birth and death data for the years 2000 through 2018 were obtained from the Massachusetts Department of Health. The net migration values were calculated using Internal Revenue Service migration reports for the years 2000 through 2018. The data used for the calculation of migration models came from the United States Bureau of the Census, 2005 to 2010, and the models were designed using demographic and economic factors. The base age-sex population counts used are from the results of the 2010 Census.

Recently the Census Bureau began releasing annual estimates of demographic variables at the block group and tract level from the American Community Survey (ACS). There has been wide scale reporting of these results in the national, state and local media. However, due to the methodological problems the Census Bureau is experiencing with their estimates derived from ACS data, particularly in areas with a population of less than 60,000, the results of the ACS are not used in these forecasts. For example, given the sampling framework used by the Census Bureau, each year only 330 of the over 11,000 current households in the district would have been included. For comparison 1,500 households in the district were included in the sample for the long form questionnaire in the 2000 Census. As a result of this small sample size, the ACS survey result from the last 5 years must be aggregated to produce the tract and block group estimates.

To develop the population forecast models, past net migration patterns, household structure, current age specific fertility patterns, the magnitude and dynamics of the gross migration, the age specific mortality trends, the distribution of the population by age and sex, the rate and type of existing housing unit sales, and future housing unit construction are considered to be primary variables. In addition, the change in household size relative to the age structure of the forecast area was addressed. While there was a slight drop in the average household size in the Needham Public Schools as well as most other areas of the state and the nation during the previous 20 years, the rate of this decline has been forecasted to slow somewhat over the next ten years.

ASSUMPTIONS

For these forecasts, the mortality probabilities are held constant at the levels calculated for the year 2019. While the number of deaths in an area are impacted by and will change given the proportion of the local population over age 65, in the absence of an extraordinary event such as a natural disaster or a breakthrough in the treatment of heart disease, death rates rarely move rapidly in any direction, particularly at the school district or attendance area level. Thus, significant changes are not foreseen in district's mortality rates between now and the year 2035. Any increases forecasted in the number of deaths will be due primarily to the general aging of the district's population and specifically to the increase in the number of residents aged 65 and older. Given that the median

age of the district is currently over 40, this will become an increasing important demographic dynamic over the next 15 years.

Similarly, fertility rates are assumed to stay fairly constant for the life of the forecasts. Like mortality rates, age specific fertility rates rarely change quickly or dramatically, particularly in small areas. Even with the recently reported rise in the age 30 to 39 year old fertility rates of the United States, overall total fertility rates have stayed within a 10% range for most of the last 40 years. In fact, the vast majority of year to year change in an area's number of births is due to changes in the number of women in child bearing ages (particularly ages 20-34) rather than any fluctuation in an area's fertility rate.

The resident total fertility rate (TFR), the average number of births a woman will have while living in the school district during her lifetime, is estimated to be 1.80 for the total district for the ten years of the population forecasts. A TFR of 2.1 births per woman is considered to be the theoretical "replacement level" of fertility necessary for a population to remain constant in the absence of in-migration. Therefore, in the absence of migration, fertility alone would be insufficient to maintain the current level of population and enrollment within the Needham Public Schools over the course of the forecast period. It is important to note that this is a resident birth rate. Births that occur to women who then move into the district with their children are accounted for in the migration calculations.

A close examination of data for the Needham Public Schools has shown the

age specific pattern of net migration will be nearly constant throughout the life of the forecasts. While the number of in and out migrants has changed in past years for the Needham Public Schools (and will change again over the next 15 years), the basic age pattern of the migrants has stayed nearly the same over the last 30 years. Based on the analysis of data it is safe to assume this age specific migration trend will remain unchanged into the future. This pattern of migration shows most of the local out-migration occurring in the 18-to-24 year old age group as young adults leave the area to go to college or move to other urbanized areas. Hence, when a district has larger than normal 12th grade classes, they will experience a slight rise in gross out migration as these students now leave for college. The second largest group of out-migrants are those householders aged 70 and older who are downsizing their residences and then in most cases move out of the district (this is an important outflow since these downsizing seniors provide most of the homes that are in the existing housing market).The majority of the local in-migration occurs in the 0-to-9 and 30-44 age groups (the bulk of the which come from areas within 75 miles of the Needham Public Schools) primarily consisting of younger adults and their children.

As the Norfolk County area is not currently contemplating any major expansions or contractions, the forecasts also assume that the current economic, political, social, and environmental factors, as well as the transportation and public works infrastructure (with a few notable exceptions) of the Needham Public Schools and its attendance areas will remain the same through the year 2035. Below is a list of assumptions and

issues that are specific to the Needham Public Schools These issues have been used to modify the population forecast models to more accurately predict the impact of these factors on each area’s population change.

Specifically, the forecasts for the Needham Public School assume that throughout the study period these general factors will apply:

- a. The national, state or regional economy does not go into deep recession at any time during the 10 years of the forecasts; (Deep recession is defined as four consecutive quarters where the GDP contracts greater than 1% per quarter)
- b. The interest rate for a 30-year fixed home mortgage stays below 4.5% over the 15 year life of the forecasts;
- c. The rate of mortgage approval stays at 2015-2020 levels and lenders do not return to “sub-prime” mortgage practices;
- d. There are no additional restrictions placed on home mortgage lenders or additional bankruptcies of major credit providers;
- e. The rate of housing foreclosures does not exceed 125% of the 2015-2020 average of Norfolk County for any year in the forecasts;
- f. In the Best-A scenario, all currently platted, and approved housing developments are built

- out and completed by 2034. All housing units constructed are occupied by 2035;
- g. In the Best-B scenario, all currently platted, and approved housing developments are built out and completed by 2034;
 - h. In the High scenario, all aforementioned currently platted, and approved housing developments are built out and completed by 2034. Additionally, the prospective Overlay project will be built out by 2030. All housing units constructed are occupied by 2034; Overlay is assumed to have 250 units total, with a 5 year build out plan;
 - i. The average annual unemployment rates for the Norfolk County and the Boston Metropolitan Area will remain below 8.5% for the 15 years of the forecasts;
 - j. The rate of students transferring into and out of the Needham Public Schools will remain at the 2015-16 to 2020-21 average;
 - k. The inflation rate for gasoline will stay below 5% per year for the 15 years of the forecasts;
 - l. The state of Massachusetts will not change any of its current laws regarding inter-district transfers, charter schools or school vouchers;
 - m. No charter school opens in the district or the immediate area any time over the next 15 years;
 - n. The town of Needham will average approximately 230 existing housing unit sales annually until 2035;
 - o. The apartment occupancy rate for the district stays above 95% for the 15 years of forecast cycle;
 - p. There will be no building moratorium within the district;
 - q. Businesses within the district and the Needham Public Schools area will remain viable;
 - r. The number of existing home sales in the district that are a result of “distress sales” (homes worth less than the current mortgage value) will not exceed 20% of total homes sales in the district for any given year;
 - s. Housing turnover rates (sale of existing homes in the district) will remain at their current levels. The majority of existing home sales are made by home owners over the age of 60;
 - t. The district will not experience any natural disasters over the next 15 years;
 - u. Private school and home school attendance rates will remain constant;
 - v. In the Best-A scenario, the forecasts assume that a COVID vaccine is discovered this fiscal year, becomes readily available and that school resumes normally for all students in SY 21/22;

- w. The Best-B scenario assumes a COVID vaccine is developed in the next 1-3 years and that public-school enrollment and the economy remain depressed for 3-5 years and that social distancing measures are required until the vaccine is widely available;
- x. The High scenario assumes that a COVID vaccine is discovered this fiscal year, becomes readily available and that school resumes normally for all students in SY 21/22 and the aforementioned development and the Overlay development.

If a major employer in the district or in the Greater Boston Metropolitan Area (particularly in the western suburbs) closes, reduces or expands its operations, the population forecasts would need to be adjusted to reflect the changes brought about by the change in economic and employment conditions. The same holds true for any major change in the local infrastructure (e.g, highway construction, water and sewer expansion, changes in zoning regulations etc.), an economic downturn, any weakness in the housing market or any instance or situation that causes rapid and dramatic population changes that could not be foreseen at the time the forecasts were calculated.

The high proportion of high school graduates from the Needham Public Schools that attend college or move to urban areas outside of the district for employment is a significant demographic factor. Their departure is a major reason for the extremely high out-migration in the 18 to 24 age group, and was taken

into account when calculating these forecasts (this is also a contributing factor on why the district resident fertility rate and subsequent number of births is so low). The out-migration of graduating high school seniors is expected to continue over the period of the forecasts and the rate of out-migration has been forecasted to remain the same over the life of the forecast series.

Finally, all demographic trends (i.e., births, deaths, and migration) are assumed to be linear in nature and annualized over the forecast period. For example, if 1,000 births are forecasted for a 5-year period, an equal number, or proportion of the births are assumed to occur every year, 200 per year. Actual year-to-year variations do and will occur, but overall year to year trends are expected to be constant.

METHODOLOGY

The population forecasts presented in this report are the result of using the Cohort-Component Method of population forecasting (Siegel, and Swanson, 2004: 561-601) (Smith et. al. 2004). As stated in the **INTRODUCTION**, the difference between a projection and a forecast is in the use of explicit judgment based upon the unique features of the area under study. Strictly speaking, a cohort projection refers to the future population that would result if a mathematical extrapolation of historical trends. Conversely, a cohort-component forecast refers to the future population that is expected because of a studied and purposeful selection of the components of change (i.e., births, deaths, and migration) and forecast models are developed to

measure the impact of these changes in each specific geographic area.

Five sets of data are required to generate population and enrollment forecasts. These five data sets are:

- a. a base-year population (here, the 2010 Census population for Needham Public Schools);
- b. a set of age-specific fertility rates for the district and the attendance areas to be used over the forecast period;
- c. a set of age-specific survival (mortality) rates for the district and the attendance areas;
- d. a set of age-specific migration rates for the district and the attendance areas, and;
- e. the historical enrollment figures by grade.

The most significant and difficult aspect of producing enrollment forecasts is the generation of the population forecasts in which the school age population (and enrollment) is embedded. In turn, the most challenging aspect of generating the population forecasts is found in deriving the rates of change in fertility, mortality, and migration. From the standpoint of demographic analysis, the Needham Public Schools is classified as a “small area” population (as compared to the population of the state of Massachusetts or to that of the United States). Small area population forecasts are more complicated to calculate because local variations in fertility, mortality, and migration may be more irregular than

those at the regional, state or national scale. Especially challenging is the forecast of the migration rates for local areas, because changes in the area's socioeconomic characteristics can quickly change from past and current patterns (Peters and Larkin, 2002.)

The population forecasts for Needham Public Schools were calculated using a cohort-component method with the populations divided into male and female groups by five-year age cohorts that range from 0-to-4 years of age to 85 years of age and older (85+). Age- and sex-specific fertility, mortality, and migration models were constructed to specifically reflect the unique demographic characteristics of each of the attendance areas in the Needham Public Schools.

The enrollment forecasts were calculated using a modified average survivorship method. Average survivor rates (i.e., the proportion of students who progress from one grade level to the next given the average amount of net migration for that grade level) over the previous five years of year-to-year enrollment data were calculated for grades two through twelve. This procedure is used to identify specific grades where there are large numbers of students changing facilities for non-demographic factors, such as private school transfers or enrollment in special programs.

The survivorship rates were modified or adjusted to reflect the average rate of forecasted in and out migration of 5-to-9, 10-to-14 and 15-to-17 year old cohorts to each of the attendance centers in Needham Public Schools for the period 2010 to 2015.

These survivorship rates then were adjusted to reflect the forecasted changes in age-specific migration the district should experience over the next five years. These modified survivorship rates were used to project the enrollment of grades 2 through 12 for the period 2015 to 2020. The survivorship rates were adjusted again for the period 2020 to 2025, 2025 to 2030 and 2030 to 2035 to reflect the predicted changes in the amount of age-specific migration in the district for those time period.

The forecasted enrollments for kindergarten and first grade are derived from the 5-to-9 year old population of the age-sex population forecast at the elementary attendance center district level. This procedure allows the changes in the incoming grade sizes to be factors of forecasted population change and not an extrapolation of previous class sizes. Given the potentially large amount of variation in Kindergarten enrollment due to parental choice, changes in the state's minimum age requirement, and differing district policies on allowing children to start Kindergarten early, first grade enrollment is deemed to be a more accurate and reliable starting point for the forecasts. (McKibben, 1996). The level of the accuracy for both the total population and total enrollment forecasts at the school district level is estimated to be $\pm 2.5\%$ for the life of the forecasts.

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Appendix A: Population Forecasts

Best “A” Scenario

Needham Public Schools Total Population

	2010	2015	2020	2025	2030	2035
0-4	1,871	1,770	1,740	1,650	1,640	1,570
5-9	2,488	2,260	2,370	2,330	2,240	2,130
10-14	2,467	2,550	2,340	2,440	2,410	2,300
15-19	1,863	1,960	1,910	1,770	1,820	1,910
20-24	981	1,090	1,060	1,090	980	1,010
25-29	713	770	950	890	920	860
30-34	979	1,110	1,220	1,420	1,410	1,360
35-39	1,755	1,380	1,610	1,580	1,830	1,760
40-44	2,293	1,810	1,480	1,720	1,700	1,940
45-49	2,523	2,270	1,780	1,500	1,790	1,720
50-54	2,419	2,480	2,260	1,760	1,450	1,730
55-59	2,045	2,380	2,440	2,210	1,750	1,420
60-64	1,801	1,930	2,240	2,300	2,060	1,610
65-69	1,185	1,620	1,690	2,000	2,070	1,880
70-74	874	950	1,300	1,400	1,650	1,700
75-79	830	760	800	1,130	1,180	1,380
80-84	776	800	690	740	1,040	1,110
85+	1,041	1,070	1,060	1,050	1,020	1,200
Total	28,904	28,960	28,940	28,980	28,960	28,590
Median Age	42.9	44.4	44.3	43.8	43.6	43.6
Births	1,070	1,060	1,110	1,140	1,110	1,110
Deaths	1,410	1,490	1,510	1,580	1,720	1,720
Natural Increase	-340	-430	-400	-440	-610	-610
Net Migration	390	430	390	390	340	340
Change	50	0	-10	-50	-270	-270

Differences between period Totals may not equal Change due to rounding.

Broadmeadow Elementary Total Population

	2010	2015	2020	2025	2030	2035
0-4	391	350	400	340	340	300
5-9	562	500	480	500	460	440
10-14	545	580	520	480	510	460
15-19	340	410	420	400	360	400
20-24	138	130	170	180	160	160
25-29	97	80	60	70	90	80
30-34	127	160	160	180	190	190
35-39	378	260	320	280	300	290
40-44	465	390	280	340	290	310
45-49	512	460	380	280	340	290
50-54	441	500	460	380	270	320
55-59	394	430	500	450	380	270
60-64	329	380	420	480	430	360
65-69	207	280	330	370	430	390
70-74	172	150	210	270	290	340
75-79	155	150	100	190	230	240
80-84	142	150	140	90	170	210
85+	107	150	160	180	150	190
Total	5,498	5,510	5,510	5,460	5,390	5240
Median Age	41.9	43.7	44.0	44.4	44.9	44.8
Births	170	160	160	160	160	160
Deaths	230	250	270	270	310	310
Natural Increase	-60	-90	-110	-110	-150	-150
Net Migration	70	80	60	60	50	50
Change	10	-10	-50	-50	-100	-100

Differences between period Totals may not equal Change due to rounding.

Eliot Elementary Total Population

	2010	2015	2020	2025	2030	2035
0-4	281	290	280	300	310	330
5-9	370	350	360	390	400	380
10-14	350	380	370	380	420	420
15-19	245	300	320	280	280	330
20-24	142	170	170	160	160	130
25-29	157	160	210	210	200	210
30-34	225	230	260	340	360	340
35-39	279	280	300	300	410	420
40-44	385	270	280	300	330	450
45-49	369	380	270	280	300	320
50-54	384	360	380	270	270	290
55-59	306	380	360	370	270	270
60-64	245	260	320	300	300	210
65-69	160	200	210	270	240	250
70-74	137	120	150	190	210	180
75-79	165	110	110	130	130	160
80-84	141	160	90	100	120	130
85+	197	200	200	180	160	170
Total	4,537	4,600	4,640	4,750	4,870	4990
Median Age	42.8	42.6	40.9	40.3	38.7	39.2
Births	200	210	220	240	220	
Deaths	240	250	230	230	230	
Natural Increase	-40	-40	-10	10	-10	
Net Migration	90	90	110	110	110	
Change	<i>50</i>	<i>50</i>	<i>100</i>	<i>120</i>	<i>100</i>	

Differences between period Totals may not equal Change due to rounding.

Sunita Williams Elementary Total Population

	2010	2015	2020	2025	2030	2035
0-4	341	350	350	330	310	310
5-9	410	410	460	440	420	390
10-14	373	420	410	470	460	430
15-19	445	300	220	290	350	350
20-24	353	300	230	180	240	270
25-29	191	240	230	170	120	190
30-34	230	280	320	290	230	180
35-39	337	350	420	420	390	320
40-44	416	370	350	420	420	390
45-49	475	410	360	350	420	410
50-54	463	470	410	360	340	410
55-59	388	460	460	400	360	330
60-64	362	370	440	440	380	340
65-69	238	330	340	390	400	360
70-74	179	200	290	270	320	330
75-79	165	160	180	230	230	270
80-84	217	160	140	170	210	220
85+	449	390	330	280	260	280
Total	6,030	5,970	5,940	5,900	5,860	5780
Median Age	44.0	44.5	44.7	44.3	44.9	45.7
Births	280	270	260	250	250	
Deaths	400	370	350	350	360	
Natural Increase	-120	-100	-90	-100	-110	
Net Migration	60	70	60	60	50	
Change	-60	-30	-30	-40	-60	

Differences between period Totals may not equal Change due to rounding.

Mitchell Elementary Total Population

	2010	2015	2020	2025	2030	2035
0-4	344	270	260	240	250	240
5-9	461	420	440	400	380	370
10-14	417	470	440	460	410	390
15-19	270	350	410	380	400	360
20-24	120	140	170	230	180	200
25-29	85	70	80	90	110	100
30-34	148	170	160	160	180	190
35-39	294	190	220	200	220	240
40-44	400	310	210	260	230	250
45-49	407	400	310	230	290	250
50-54	383	400	390	300	220	280
55-59	351	380	390	390	300	210
60-64	299	340	360	370	370	280
65-69	174	270	280	340	360	350
70-74	116	130	210	250	300	310
75-79	86	100	100	190	220	250
80-84	79	80	100	90	170	200
85+	88	100	110	120	120	170
Total	4,521	4,590	4,640	4,700	4,710	4640
Median Age	41.5	43.5	43.3	43.7	44.9	44.6
Births	160	150	170	180	180	
Deaths	170	190	210	230	270	
Natural Increase	-10	-40	-40	-50	-90	
Net Migration	80	90	70	70	60	
Change	70	50	30	20	-30	

Differences between period Totals may not equal Change due to rounding.

Newman Elementary Total Population

	2010	2015	2020	2025	2030	2035
0-4	514	510	450	440	430	390
5-9	685	580	630	600	580	550
10-14	783	700	600	650	610	600
15-19	563	600	540	420	430	470
20-24	230	350	320	340	240	250
25-29	183	220	370	350	400	280
30-34	249	270	320	450	450	460
35-39	467	300	350	380	510	490
40-44	628	470	360	400	430	540
45-49	761	620	460	360	440	450
50-54	749	750	620	450	350	430
55-59	607	730	730	600	440	340
60-64	566	580	700	710	580	420
65-69	406	540	530	630	640	530
70-74	271	350	440	420	530	540
75-79	259	240	310	390	370	460
80-84	197	250	220	290	370	350
85+	201	230	260	290	330	390
Total	8,319	8,290	8,210	8,170	8,130	7940
Median Age	43.9	46.2	46.8	45.8	44.8	44.4
Births	260	270	300	310	300	
Deaths	370	430	450	500	550	
Natural Increase	-110	-160	-150	-190	-250	
Net Migration	90	100	90	90	70	
Change	-20	-60	-60	-100	-180	

Differences between period Totals may not equal Change due to rounding.

Best “B” Scenario

Needham Public Schools Total Population

	2010	2015	2020	2025	2030	2035
0-4	1,871	1,770	1,740	1,600	1,680	1,620
5-9	2,488	2,260	2,370	2,250	2,170	2,160
10-14	2,467	2,550	2,340	2,440	2,330	2,230
15-19	1,863	1,960	1,910	1,850	1,820	1,850
20-24	981	1,090	1,060	1,210	1,050	1,000
25-29	713	770	950	930	1,040	930
30-34	979	1,110	1,220	1,360	1,440	1,460
35-39	1,755	1,380	1,610	1,530	1,780	1,800
40-44	2,293	1,810	1,480	1,710	1,630	1,890
45-49	2,523	2,270	1,780	1,490	1,760	1,670
50-54	2,419	2,480	2,260	1,760	1,450	1,710
55-59	2,045	2,380	2,440	2,210	1,750	1,420
60-64	1,801	1,930	2,240	2,300	2,060	1,610
65-69	1,185	1,620	1,690	2,020	2,070	1,880
70-74	874	950	1,300	1,410	1,660	1,710
75-79	830	760	800	1,130	1,190	1,410
80-84	776	800	690	740	1,040	1,120
85+	1,041	1,070	1,060	1,050	1,020	1,200
Total	28,904	28,960	28,940	28,990	28,940	28,670
Median Age	42.9	44.4	44.3	43.9	43.6	43.4
Births	1,070	1,060	1,110	1,180	1,160	
Deaths	1,410	1,490	1,510	1,580	1,730	
Natural Increase	-340	-430	-400	-400	-570	
Net Migration	390	430	350	390	340	
Change	50	0	-50	-10	-230	

Differences between period Totals may not equal Change due to rounding.

Broadmeadow Elementary Total Population

	2010	2015	2020	2025	2030	2035
0-4	391	350	400	310	350	320
5-9	562	500	480	480	430	450
10-14	545	580	520	480	490	440
15-19	340	410	420	420	360	390
20-24	138	130	170	220	180	160
25-29	97	80	60	90	130	100
30-34	127	160	160	160	210	230
35-39	378	260	320	260	280	310
40-44	465	390	280	340	270	290
45-49	512	460	380	280	330	270
50-54	441	500	460	380	270	320
55-59	394	430	500	450	380	270
60-64	329	380	420	480	430	360
65-69	207	280	330	380	430	390
70-74	172	150	210	270	300	340
75-79	155	150	100	190	230	260
80-84	142	150	140	90	170	210
85+	107	150	160	180	150	190
Total	5,498	5,510	5,510	5,460	5,390	5300
Median Age	41.9	43.7	44.0	44.6	44.9	44.3
Births	170	160	160	170	170	170
Deaths	230	250	270	270	310	310
Natural Increase	-60	-90	-110	-100	-140	-140
Net Migration	70	80	60	60	50	50
Change	10	-10	-50	-40	-90	-90

Differences between period Totals may not equal Change due to rounding.

Eliot Elementary Total Population

	2010	2015	2020	2025	2030	2035
0-4	281	290	280	300	310	340
5-9	370	350	360	380	390	380
10-14	350	380	370	380	410	410
15-19	245	300	320	290	280	320
20-24	142	170	170	180	170	120
25-29	157	160	210	210	220	210
30-34	225	230	260	330	350	360
35-39	279	280	300	300	400	410
40-44	385	270	280	300	320	440
45-49	369	380	270	280	300	320
50-54	384	360	380	270	270	290
55-59	306	380	360	370	270	270
60-64	245	260	320	300	300	210
65-69	160	200	210	270	240	250
70-74	137	120	150	190	210	190
75-79	165	110	110	130	130	160
80-84	141	160	90	100	120	130
85+	197	200	200	180	160	170
Total	4,537	4,600	4,640	4,760	4,850	4980
Median Age	42.8	42.6	40.9	40.2	38.7	39.3
Births	200	210	220	240	230	230
Deaths	240	250	230	230	230	230
Natural Increase	-40	-40	-10	10	0	0
Net Migration	90	90	100	110	110	110
Change	50	50	90	120	110	110

Differences between period Totals may not equal Change due to rounding.

Sunita Williams Elementary Total Population

	2010	2015	2020	2025	2030	2035
0-4	341	350	350	320	320	320
5-9	410	410	460	430	410	400
10-14	373	420	410	470	440	420
15-19	445	300	220	310	350	340
20-24	353	300	230	200	260	270
25-29	191	240	230	180	140	210
30-34	230	280	320	280	240	180
35-39	337	350	420	400	390	340
40-44	416	370	350	420	400	390
45-49	475	410	360	350	420	390
50-54	463	470	410	360	340	410
55-59	388	460	460	400	360	330
60-64	362	370	440	440	380	340
65-69	238	330	340	390	400	360
70-74	179	200	290	270	320	330
75-79	165	160	180	230	230	280
80-84	217	160	140	170	210	230
85+	449	390	330	280	260	280
Total	6,030	5,970	5,940	5,900	5,870	5820
Median Age	44.0	44.5	44.7	44.3	44.8	45.5
Births	280	270	260	260	260	260
Deaths	400	370	350	350	370	370
Natural Increase	-120	-100	-90	-90	-110	-110
Net Migration	60	70	50	60	50	50
Change	-60	-30	-40	-30	-60	-60

Differences between period Totals may not equal Change due to rounding.

Mitchell Elementary Total Population

	2010	2015	2020	2025	2030	2035
0-4	344	270	260	240	260	250
5-9	461	420	440	380	370	380
10-14	417	470	440	460	390	380
15-19	270	350	410	390	400	340
20-24	120	140	170	250	180	200
25-29	85	70	80	100	130	110
30-34	148	170	160	140	200	210
35-39	294	190	220	190	220	260
40-44	400	310	210	250	220	240
45-49	407	400	310	220	280	240
50-54	383	400	390	300	220	270
55-59	351	380	390	390	300	210
60-64	299	340	360	370	370	280
65-69	174	270	280	340	360	350
70-74	116	130	210	250	300	310
75-79	86	100	100	190	220	250
80-84	79	80	100	90	170	200
85+	88	100	110	120	120	170
Total	4,521	4,590	4,640	4,670	4,710	4650
Median Age	41.5	43.5	43.3	43.7	44.7	44.1
Births	160	150	170	190	190	190
Deaths	170	190	210	230	270	270
Natural Increase	-10	-40	-40	-40	-80	-80
Net Migration	80	90	60	70	60	60
Change	70	50	20	30	-20	-20

Differences between period Totals may not equal Change due to rounding.

Newman Elementary Total Population

	2010	2015	2020	2025	2030	2035
0-4	514	510	450	430	440	390
5-9	685	580	630	580	570	550
10-14	783	700	600	650	600	580
15-19	563	600	540	440	430	460
20-24	230	350	320	360	260	250
25-29	183	220	370	350	420	300
30-34	249	270	320	450	440	480
35-39	467	300	350	380	490	480
40-44	628	470	360	400	420	530
45-49	761	620	460	360	430	450
50-54	749	750	620	450	350	420
55-59	607	730	730	600	440	340
60-64	566	580	700	710	580	420
65-69	406	540	530	640	640	530
70-74	271	350	440	430	530	540
75-79	259	240	310	390	380	460
80-84	197	250	220	290	370	350
85+	201	230	260	290	330	390
Total	8,319	8,290	8,210	8,200	8,120	7920
Median Age	43.9	46.2	46.8	45.8	44.9	44.4
Births	260	270	300	320	310	
Deaths	370	430	450	500	550	
Natural Increase	-110	-160	-150	-180	-240	
Net Migration	90	100	80	90	70	
Change	-20	-60	-70	-90	-170	

Differences between period Totals may not equal Change due to rounding.

High Scenario

Needham Public Schools Total Population

	2010	2015	2020	2025	2030	2035
0-4	1,871	1,770	1,740	1,650	1,690	1,690
5-9	2,488	2,260	2,390	2,330	2,280	2,250
10-14	2,467	2,550	2,340	2,460	2,430	2,370
15-19	1,863	1,960	1,910	1,770	1,790	1,830
20-24	981	1,090	1,060	1,090	1,010	1,040
25-29	713	770	950	890	1,080	1,110
30-34	979	1,110	1,200	1,420	1,450	1,560
35-39	1,755	1,380	1,610	1,580	1,850	1,790
40-44	2,293	1,810	1,480	1,720	1,650	1,920
45-49	2,523	2,270	1,780	1,500	1,790	1,680
50-54	2,419	2,480	2,260	1,760	1,450	1,730
55-59	2,045	2,380	2,440	2,210	1,750	1,420
60-64	1,801	1,930	2,240	2,300	2,020	1,570
65-69	1,185	1,620	1,690	2,000	2,020	1,780
70-74	874	950	1,300	1,400	1,620	1,590
75-79	830	760	800	1,130	1,160	1,330
80-84	776	800	690	740	1,040	1,090
85+	1,041	1,070	1,060	1,050	1,020	1,200
Total	28,904	28,960	28,940	29,000	29,100	28,950
Median Age	42.9	44.4	44.3	43.8	42.9	42.2
Births	1,070	1,060	1,100	1,160	1,200	
Deaths	1,410	1,490	1,510	1,580	1,710	
Natural Increase	-340	-430	-410	-420	-510	
Net Migration	390	430	390	390	460	
Change	50	0	-20	-30	-50	

Differences between period Totals may not equal Change due to rounding.

Broadmeadow Elementary Total Population

	2010	2015	2020	2025	2030	2035
0-4	391	350	400	340	340	300
5-9	562	500	480	500	460	440
10-14	545	580	520	480	510	460
15-19	340	410	420	400	360	400
20-24	138	130	170	180	160	160
25-29	97	80	60	70	90	80
30-34	127	160	160	180	190	190
35-39	378	260	320	280	300	290
40-44	465	390	280	340	290	310
45-49	512	460	380	280	340	290
50-54	441	500	460	380	270	320
55-59	394	430	500	450	380	270
60-64	329	380	420	480	430	360
65-69	207	280	330	370	430	390
70-74	172	150	210	270	290	340
75-79	155	150	100	190	230	240
80-84	142	150	140	90	170	210
85+	107	150	160	180	150	190
Total	5,498	5,510	5,510	5,460	5,390	5240
Median Age	41.9	43.7	44.0	44.4	44.9	44.8
Births	170	160	160	160	160	160
Deaths	230	250	270	270	310	310
Natural Increase	-60	-90	-110	-110	-150	-150
Net Migration	70	80	60	60	50	50
Change	10	-10	-50	-50	-100	-100

Differences between period Totals may not equal Change due to rounding.

Eliot Elementary Total Population

	2010	2015	2020	2025	2030	2035
0-4	281	290	280	300	360	450
5-9	370	350	380	390	440	500
10-14	350	380	370	400	440	490
15-19	245	300	320	280	250	250
20-24	142	170	170	160	190	160
25-29	157	160	210	210	360	460
30-34	225	230	240	340	400	540
35-39	279	280	300	300	430	450
40-44	385	270	280	300	280	430
45-49	369	380	270	280	300	280
50-54	384	360	380	270	270	290
55-59	306	380	360	370	270	270
60-64	245	260	320	300	260	170
65-69	160	200	210	270	190	150
70-74	137	120	150	190	180	70
75-79	165	110	110	130	110	110
80-84	141	160	90	100	120	110
85+	197	200	200	180	160	170
Total	4,537	4,600	4,640	4,770	5,010	5350
Median Age	42.8	42.6	40.9	40.1	35.8	33.4
Births	200	210	210	260	310	
Deaths	240	250	230	230	220	
Natural Increase	-40	-40	-20	30	90	
Net Migration	90	90	110	110	230	
Change	50	50	90	140	320	

Differences between period Totals may not equal Change due to rounding.

Sunita Williams Elementary Total Population

	2010	2015	2020	2025	2030	2035
0-4	341	350	350	330	310	310
5-9	410	410	460	440	420	390
10-14	373	420	410	470	460	430
15-19	445	300	220	290	350	350
20-24	353	300	230	180	240	270
25-29	191	240	230	170	120	190
30-34	230	280	320	290	230	180
35-39	337	350	420	420	390	320
40-44	416	370	350	420	420	390
45-49	475	410	360	350	420	410
50-54	463	470	410	360	340	410
55-59	388	460	460	400	360	330
60-64	362	370	440	440	380	340
65-69	238	330	340	390	400	360
70-74	179	200	290	270	320	330
75-79	165	160	180	230	230	270
80-84	217	160	140	170	210	220
85+	449	390	330	280	260	280
Total	6,030	5,970	5,940	5,900	5,860	5780
Median Age	44.0	44.5	44.7	44.3	44.9	45.7
Births	280	270	260	250	250	250
Deaths	400	370	350	350	360	360
Natural Increase	-120	-100	-90	-100	-110	-110
Net Migration	60	70	60	60	50	50
Change	-60	-30	-30	-40	-60	-60

Differences between period Totals may not equal Change due to rounding.

Mitchell Elementary Total Population

	2010	2015	2020	2025	2030	2035
0-4	344	270	260	240	250	240
5-9	461	420	440	400	380	370
10-14	417	470	440	460	410	390
15-19	270	350	410	380	400	360
20-24	120	140	170	230	180	200
25-29	85	70	80	90	110	100
30-34	148	170	160	160	180	190
35-39	294	190	220	200	220	240
40-44	400	310	210	260	230	250
45-49	407	400	310	230	290	250
50-54	383	400	390	300	220	280
55-59	351	380	390	390	300	210
60-64	299	340	360	370	370	280
65-69	174	270	280	340	360	350
70-74	116	130	210	250	300	310
75-79	86	100	100	190	220	250
80-84	79	80	100	90	170	200
85+	88	100	110	120	120	170
Total	4,521	4,590	4,640	4,700	4,710	4640
Median Age	41.5	43.5	43.3	43.7	44.9	44.6
Births	160	150	170	180	180	
Deaths	170	190	210	230	270	
Natural Increase	-10	-40	-40	-50	-90	
Net Migration	80	90	70	70	60	
Change	70	50	30	20	-30	

Differences between period Totals may not equal Change due to rounding.

Newman Elementary Total Population

	2010	2015	2020	2025	2030	2035
0-4	514	510	450	440	430	390
5-9	685	580	630	600	580	550
10-14	783	700	600	650	610	600
15-19	563	600	540	420	430	470
20-24	230	350	320	340	240	250
25-29	183	220	370	350	400	280
30-34	249	270	320	450	450	460
35-39	467	300	350	380	510	490
40-44	628	470	360	400	430	540
45-49	761	620	460	360	440	450
50-54	749	750	620	450	350	430
55-59	607	730	730	600	440	340
60-64	566	580	700	710	580	420
65-69	406	540	530	630	640	530
70-74	271	350	440	420	530	540
75-79	259	240	310	390	370	460
80-84	197	250	220	290	370	350
85+	201	230	260	290	330	390
Total	8,319	8,290	8,210	8,170	8,130	7940
Median Age	43.9	46.2	46.8	45.8	44.8	44.4
Births	260	270	300	310	300	
Deaths	370	430	450	500	550	
Natural Increase	-110	-160	-150	-190	-250	
Net Migration	90	100	90	90	70	
Change	-20	-60	-60	-100	-180	

Differences between period Totals may not equal Change due to rounding.

Appendix B: Enrollment Forecasts

Best “A” Scenario

Needham Public Schools Total Enrollment

	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
PK	50	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
K	333	429	412	407	401	397	391	387	382	378	376	373	371	369	368	367
1	402	391	431	426	421	415	410	404	400	395	391	389	387	385	383	382
2	425	416	398	440	435	431	425	419	413	409	406	402	402	400	398	396
3	438	434	421	404	448	444	441	435	429	422	419	417	414	414	412	410
4	428	446	439	426	410	454	450	445	439	433	429	428	426	423	423	421
5	442	437	451	444	431	417	459	455	450	444	439	438	438	435	433	432
Total: K-5	2468	2553	2552	2547	2546	2558	2576	2545	2513	2481	2460	2447	2438	2426	2417	2408
6	394	455	446	460	455	442	427	470	466	461	455	452	451	451	448	446
7	461	406	460	450	465	453	440	425	468	464	459	453	454	456	453	450
8	440	466	398	451	441	460	448	436	421	463	462	457	451	452	454	451
Total: 7-8	901	872	858	901	906	913	888	861	889	927	921	910	905	908	907	901
9	424	451	471	402	456	448	467	455	443	425	468	467	464	458	459	461
10	377	420	446	466	398	451	444	462	450	439	421	466	465	462	456	457
11	445	373	416	442	461	394	446	440	457	446	435	419	464	463	460	454
12	423	441	369	412	438	456	390	442	436	452	442	431	415	459	458	455
SP	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Total: 9-12	1673	1689	1706	1726	1757	1753	1751	1803	1790	1766	1770	1787	1812	1846	1837	1831
Total: K-12	5486	5641	5634	5706	5736	5738	5714	5751	5730	5707	5678	5668	5678	5703	5681	5658
Change		155	-7	72	30	2	-24	37	-21	-23	-29	-10	10	25	-22	-23
%Change		2.8%	-0.1%	1.3%	0.5%	0.0%	-0.4%	0.6%	-0.4%	-0.4%	-0.5%	-0.2%	0.2%	0.4%	-0.4%	-0.4%
Total: K-5	2468	2553	2552	2547	2546	2558	2576	2545	2513	2481	2460	2447	2438	2426	2417	2408
Change		85	-1	-5	-1	12	18	-31	-32	-32	-21	-13	-9	-12	-9	-9
%Change		3.4%	0.0%	-0.2%	0.0%	0.5%	0.7%	-1.2%	-1.3%	-1.3%	-0.8%	-0.5%	-0.4%	-0.5%	-0.4%	-0.4%
Total: 6	394	455	446	460	455	442	427	470	466	461	455	452	451	451	448	446
Change		61	-9	14	-5	-13	-15	43	-4	-5	-6	-3	-1	0	-3	-2
%Change		16%	-2.0%	3.1%	-1.1%	-2.9%	-3.4%	10%	-0.9%	-1.1%	-1.3%	-0.7%	-0.2%	0.0%	-0.7%	-0.4%
Total: 7-8	901	872	858	901	906	913	888	861	889	927	921	910	905	908	907	901
Change		-29	-14	43	5	7	-25	-27	28	38	-6	-11	-5	3	-1	-6
%Change		-3.2%	-1.6%	5.0%	0.6%	0.8%	-2.7%	-3.0%	3.3%	4.3%	-0.6%	-1.2%	-0.5%	0.3%	-0.1%	-0.7%
Total: 9-12	1673	1689	1706	1726	1757	1753	1751	1803	1790	1766	1770	1787	1812	1846	1837	1831
Change		16	17	20	31	-4	-2	52	-13	-24	4	17	25	34	-9	-6
%Change		1.0%	1.0%	1.2%	1.8%	-0.2%	-0.1%	3.0%	-0.7%	-1.3%	0.2%	1.0%	1.4%	1.9%	-0.5%	-0.3%

Red numbers are current enrollment; Orange cells are forecasted enrollment.

Needham Public Schools Demographic Study –December 2020

Broadmeadow Elementary: Total Enrollment

	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
K	74	90	85	85	84	84	83	82	81	79	78	78	77	77	76	75
1	73	82	88	89	89	88	87	86	85	84	82	81	81	80	80	79
2	98	74	83	89	90	91	90	89	88	87	87	84	84	84	83	83
3	85	100	75	85	91	92	94	93	92	91	90	89	86	86	86	85
4	93	86	101	76	86	92	93	93	92	91	90	91	90	87	87	87
5	92	94	87	102	77	87	91	92	92	91	90	91	92	91	88	88
Total: K-5	515	526	519	526	517	534	538	535	530	523	517	514	510	505	500	497
Total: K-5	515	526	519	526	517	534	538	535	530	523	517	514	510	505	500	497
Change		11	-7	7	-9	17	4	-3	-5	-7	-6	-3	-4	-5	-5	-3
%Change		2.1%	-1.3%	1.3%	-1.7%	3.3%	0.7%	-0.6%	-0.9%	-1.3%	-1.1%	-0.6%	-0.8%	-1.0%	-1.0%	-0.6%

Red numbers are current enrollment; Orange cells are forecasted enrollment.

Eliot Elementary: Total Enrollment

	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
K	61	70	69	68	67	66	65	65	64	64	65	65	66	66	67	68
1	67	69	71	70	69	68	67	66	66	65	65	66	66	67	67	68
2	72	69	70	72	71	70	69	68	67	67	67	67	68	68	69	69
3	74	73	70	71	73	72	71	70	69	68	69	69	69	70	70	71
4	64	75	74	71	72	74	73	72	71	70	70	71	71	71	72	72
5	72	65	76	75	72	73	75	74	73	72	72	72	73	73	73	74
Total: K-5	410	421	430	427	424	423	420	415	410	406	408	410	413	415	418	422
Total: K-5	410	421	430	427	424	423	420	415	410	406	408	410	413	415	418	422
Change		11	9	-3	-3	-1	-3	-5	-5	-4	2	2	3	2	3	4
%Change		2.7%	2.1%	-0.7%	-0.7%	-0.2%	-0.7%	-1.2%	-1.2%	-1.0%	0.5%	0.5%	0.7%	0.5%	0.7%	1.0%

Red numbers are current enrollment; Orange cells are forecasted enrollment.

Needham Public Schools Demographic Study –December 2020

Sunita Williams Elementary: Total Enrollment

	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
K	59	89	85	84	83	81	80	79	78	78	77	77	76	76	76	77
1	85	77	88	87	86	85	83	82	81	80	80	79	79	78	78	78
2	77	90	79	91	90	89	88	85	84	83	82	82	81	81	80	80
3	90	79	91	80	92	92	91	90	87	86	85	84	85	84	84	83
4	89	92	80	92	81	93	93	92	91	88	89	88	87	88	87	87
5	88	91	93	81	93	83	95	95	94	93	90	91	92	90	92	90
Total: K-5	488	518	516	515	525	523	530	523	515	508	503	501	500	497	497	495
Total: K-5	488	518	516	515	525	523	530	523	515	508	503	501	500	497	497	495
Change		30	-2	-1	10	-2	7	-7	-8	-7	-5	-2	-1	-3	0	-2
%Change		6.1%	-0.4%	-0.2%	1.9%	-0.4%	1.3%	-1.3%	-1.5%	-1.4%	-1.0%	-0.4%	-0.2%	-0.6%	0.0%	-0.4%

Red numbers are current enrollment; Orange cells are forecasted enrollment.

Mitchell Elementary: Total Enrollment

	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
K	61	75	73	72	71	70	68	67	66	65	65	63	63	62	62	61
1	71	69	77	76	75	74	73	71	70	69	68	68	67	67	66	66
2	79	75	70	79	78	77	76	75	73	72	71	71	71	70	70	69
3	71	81	76	71	81	80	79	78	77	74	73	73	73	73	72	72
4	87	73	82	77	72	82	81	80	79	78	75	74	74	74	74	73
5	89	90	74	83	78	73	83	82	81	80	79	77	75	75	75	75
Total: K-5	458	463	452	458	455	456	460	453	446	438	431	426	423	421	419	416
Total: K-5	458	463	452	458	455	456	460	453	446	438	431	426	423	421	419	416
Change		5	-11	6	-3	1	4	-7	-7	-8	-7	-5	-3	-2	-2	-3
%Change		1.1%	-2.4%	1.3%	-0.7%	0.2%	0.9%	-1.5%	-1.5%	-1.8%	-1.6%	-1.2%	-0.7%	-0.5%	-0.5%	-0.7%

Red numbers are current enrollment; Orange cells are forecasted enrollment.

Needham Public Schools Demographic Study –December 2020

Newman Elementary: Total Enrollment

	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
K	78	105	100	98	96	96	95	94	93	92	91	90	89	88	87	86
1	106	94	107	104	102	100	100	99	98	97	96	95	94	93	92	91
2	99	108	96	109	106	104	102	102	101	100	99	98	98	97	96	95
3	118	101	109	97	111	108	106	104	104	103	102	102	101	101	100	99
4	95	120	102	110	99	113	110	108	106	106	105	104	104	103	103	102
5	101	97	121	103	111	101	115	112	110	108	108	107	106	106	105	105
Total: K-5	597	625	635	621	625	622	628	619	612	606	601	596	592	588	583	578
Total: K-5	597	625	635	621	625	622	628	619	612	606	601	596	592	588	583	578
Change		28	10	-14	4	-3	6	-9	-7	-6	-5	-5	-4	-4	-5	-5
%Change		4.7%	1.6%	-2.2%	0.6%	-0.5%	1.0%	-1.4%	-1.1%	-1.0%	-0.8%	-0.8%	-0.7%	-0.7%	-0.9%	-0.9%

Red numbers are current enrollment; Orange cells are forecasted enrollment.

High Rock: Total Enrollment

	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
6	394	455	446	460	455	442	427	470	466	461	455	452	451	451	448	446
Total 6	394	455	446	460	455	442	427	470	466	461	455	452	451	451	448	446
Total 6	394	455	446	460	455	442	427	470	466	461	455	452	451	451	448	446
Change		61	-9	5	9	-13	-15	43	-4	-5	-6	-3	-1	0	-3	-2
%Change		1.1%	-11%	1.1%	2.0%	-2.9%	-3.4%	10%	-0.9%	-1.1%	-1.3%	-0.7%	-0.2%	0.0%	-0.7%	-0.4%

Red numbers are current enrollment; Orange cells are forecasted enrollment.

Needham Public Schools Demographic Study –December 2020

Pollard Middle School: Total Enrollment

	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
7	461	406	460	450	465	453	440	425	468	464	459	453	454	456	453	450
8	440	466	398	451	441	460	448	436	421	463	462	457	451	452	454	451
Total: 7-8	901	872	858	901	906	913	888	861	889	927	921	910	905	908	907	901
Total: 7-8	901	872	858	901	906	913	888	861	889	927	921	910	905	908	907	901
Change %		-29	-14	43	5	7	-25	-27	28	38	-6	-11	-5	3	-1	-6
Change		-3.2%	-1.6%	5.0%	0.6%	0.8%	-2.7%	-3.0%	3.3%	4.3%	-0.6%	-1.2%	-0.5%	0.3%	-0.1%	-0.7%

Red numbers are current enrollment; Orange cells are forecasted enrollment.

Needham High School: Total Enrollment

	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
9	424	451	471	402	456	448	467	455	443	425	468	467	464	458	459	461
10	377	420	446	466	398	451	444	462	450	439	421	466	465	462	456	457
11	445	373	416	442	461	394	446	440	457	446	435	419	464	463	460	454
12	423	441	369	412	438	456	390	442	436	452	442	431	415	459	458	455
Total: 9-12	1669	1685	1702	1722	1753	1749	1747	1799	1786	1762	1766	1783	1808	1842	1833	1827
Total: 9-12	1669	1685	1702	1722	1753	1749	1747	1799	1786	1762	1766	1783	1808	1842	1833	1827
Change %		16	17	20	31	-4	-2	52	-13	-24	4	17	25	34	-9	-6
Change		1.0%	1.0%	1.2%	1.8%	-0.2%	-0.1%	3.0%	-0.7%	-1.3%	0.2%	1.0%	1.4%	1.9%	-0.5%	-0.3%

Red numbers are current enrollment; Orange cells are forecasted enrollment.

Best “B” Scenario

Needham Public Schools Total Enrollment

	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
PK	50	50	50	50	72	72	72	72	72	72	72	72	72	72	72	72
K	333	357	358	391	391	394	391	387	382	378	374	371	369	367	366	362
1	402	391	364	370	399	404	407	404	400	395	391	387	385	383	381	380
2	425	395	384	358	374	408	413	416	413	409	405	401	399	397	395	393
3	438	419	390	379	363	381	417	422	426	422	418	415	412	410	408	406
4	428	431	412	384	378	365	383	416	421	424	428	426	423	420	418	416
5	442	419	424	404	380	382	367	385	419	424	429	436	435	431	429	426
Total: K-5	2468	2412	2332	2286	2285	2334	2378	2430	2461	2452	2445	2436	2423	2408	2397	2383
6	394	446	423	428	414	390	392	376	395	429	435	442	449	448	444	442
7	461	390	442	419	424	412	388	390	374	393	427	433	444	453	450	446
8	440	452	382	433	411	420	408	384	386	370	391	425	431	442	451	448
Total: 7-8	901	842	824	852	835	832	796	774	760	763	818	858	875	895	901	894
9	424	436	447	378	437	417	426	414	390	390	374	395	431	437	449	458
10	377	420	432	443	374	433	413	422	410	386	386	372	393	429	435	447
11	445	373	416	428	439	370	429	409	418	406	382	384	370	391	427	433
12	423	441	369	412	424	435	366	425	405	414	402	378	380	366	387	423
SP	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Total: 9-12	1674	1675	1669	1666	1679	1660	1639	1675	1628	1601	1549	1534	1579	1628	1703	1766
Total: K-12	5487	5425	5298	5282	5285	5288	5277	5327	5316	5317	5319	5342	5398	5451	5517	5557
Change		-62	-127	-16	3	3	-11	50	-11	1	2	23	56	53	66	40
%Change		-1.1%	-2.3%	-0.3%	0.1%	0.1%	-0.2%	0.9%	-0.2%	0.0%	0.0%	0.4%	1.0%	1.0%	1.2%	0.7%
Total: K-5	2468	2412	2332	2286	2285	2334	2378	2430	2461	2452	2445	2436	2423	2408	2397	2383
Change		-56	-80	-46	-1	49	44	52	31	-9	-7	-9	-13	-15	-11	-14
%Change		-2.3%	-3.3%	-2.0%	0.0%	2.1%	1.9%	2.2%	1.3%	-0.4%	-0.3%	-0.4%	-0.5%	-0.6%	-0.5%	-0.6%
Total: 6	394	446	423	428	414	390	392	376	395	429	435	442	449	448	444	442
Change		52	-23	5	-14	-24	2	-16	19	34	6	7	7	-1	-4	-2
%Change		13%	-5.2%	1.2%	-3.3%	-5.8%	0.5%	-4.1%	5.1%	8.6%	1.4%	1.6%	1.6%	-0.2%	-0.9%	-0.5%
Total: 7-8	901	842	824	852	835	832	796	774	760	763	818	858	875	895	901	894
Change		-59	-18	28	-17	-3	-36	-22	-14	3	55	40	17	20	6	-7
%Change		-6.5%	-2.1%	3.4%	-2.0%	-0.4%	-4.3%	-2.8%	-1.8%	0.4%	7.2%	4.9%	2.0%	2.3%	0.7%	-0.8%
Total: 9-12	1674	1675	1669	1666	1679	1660	1639	1675	1628	1601	1549	1534	1579	1628	1703	1766
Change		1	-6	-3	13	-19	-21	36	-47	-27	-52	-15	45	49	75	63
%Change		0.1%	-0.4%	-0.2%	0.8%	-1.1%	-1.3%	2.2%	-2.8%	-1.7%	-3.2%	-1.0%	2.9%	3.1%	4.6%	3.7%

Blue cells are historical data; Red numbers are current enrollment; Orange cells are forecasted enrollment.

Needham Public Schools Demographic Study –December 2020

Broadmeadow Elementary: Total Enrollment

	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
K	74	75	76	86	82	83	83	82	81	79	78	77	77	76	76	75
1	73	82	78	79	84	85	86	86	85	84	82	81	80	80	79	79
2	98	71	80	76	80	86	87	88	88	87	87	84	84	83	83	82
3	85	96	70	78	78	82	89	90	91	91	90	89	86	86	85	85
4	93	82	93	68	76	79	83	88	89	90	90	91	90	87	87	86
5	92	90	80	90	66	77	78	82	87	88	89	91	92	91	88	88
Total: K-5	515	496	477	477	466	492	506	516	521	519	516	513	509	503	498	495
Total: K-5	515	496	477	477	466	492	506	516	521	519	516	513	509	503	498	495
Change		-19	-19	0	-11	26	14	10	5	-2	-3	-3	-4	-6	-5	-3
%Change		-3.7%	-3.8%	0.0%	-2.3%	5.6%	2.8%	2.0%	1.0%	-0.4%	-0.6%	-0.6%	-0.8%	-1.2%	-1.0%	-0.6%

Red numbers are current enrollment; Orange cells are forecasted enrollment.

Eliot Elementary: Total Enrollment

	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
K	61	64	65	67	67	66	65	65	64	64	65	65	66	66	67	68
1	67	69	65	66	68	68	67	66	66	65	65	66	66	67	67	68
2	72	68	70	66	67	69	69	68	67	67	66	66	67	67	68	68
3	74	71	67	69	67	68	70	70	69	68	68	67	67	68	68	69
4	64	75	72	68	70	68	69	71	71	70	69	69	68	68	69	69
5	72	65	76	73	69	71	69	70	72	72	71	70	70	69	69	70
Total: K-5	410	412	415	409	408	410	409	410	409	406	404	403	404	405	408	412
Total: K-5	410	412	415	409	408	410	409	410	409	406	404	403	404	405	408	412
Change		2	3	-6	-1	2	-1	1	-1	-3	-2	-1	1	1	3	4
%Change		0.5%	0.7%	-1.4%	-0.2%	0.5%	-0.2%	0.2%	-0.2%	-0.7%	-0.5%	-0.2%	0.2%	0.2%	0.7%	1.0%

Red numbers are current enrollment; Orange cells are forecasted enrollment.

Needham Public Schools Demographic Study –December 2020

Sunita Williams Elementary: Total Enrollment

	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
K	59	69	68	77	79	80	80	79	78	78	77	77	76	76	76	75
1	85	77	68	69	79	81	82	82	81	80	80	79	79	78	78	78
2	77	83	75	67	71	81	83	84	84	83	82	82	81	81	80	80
3	90	75	81	74	66	72	83	85	86	86	85	84	85	84	84	83
4	89	88	74	79	73	65	71	81	83	84	89	88	87	88	87	87
5	88	87	86	73	80	74	66	72	83	85	86	91	92	90	92	90
Total: K-5	488	479	452	439	448	453	465	483	495	496	499	501	500	497	497	493
Total: K-5	488	479	452	439	448	453	465	483	495	496	499	501	500	497	497	493
Change		-9	-27	-13	9	5	12	18	12	1	3	2	-1	-3	0	-4
%Change		-1.8%	-5.6%	-2.9%	2.1%	1.1%	2.6%	3.9%	2.5%	0.2%	0.6%	0.4%	-0.2%	-0.6%	0.0%	-0.8%

Red numbers are current enrollment; Orange cells are forecasted enrollment.

Mitchell Elementary: Total Enrollment

	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
K	61	64	64	68	69	70	68	67	66	65	64	63	62	62	61	60
1	71	69	66	67	71	72	73	71	70	69	68	67	67	66	66	65
2	79	69	67	64	69	73	74	75	73	72	71	71	70	70	69	69
3	71	80	70	68	65	70	74	75	77	74	73	73	73	72	72	71
4	87	70	78	69	67	64	69	73	74	75	75	74	74	74	73	73
5	89	85	69	76	68	66	63	68	72	73	76	77	75	75	75	74
Total: K-5	458	437	414	412	409	415	421	429	432	428	427	425	421	419	416	412
Total: K-5	458	437	414	412	409	415	421	429	432	428	427	425	421	419	416	412
Change		-21	-23	-2	-3	6	6	8	3	-4	-1	-2	-4	-2	-3	-4
%Change		-4.6%	-5.3%	-0.5%	-0.7%	1.5%	1.4%	1.9%	0.7%	-0.9%	-0.2%	-0.5%	-0.9%	-0.5%	-0.7%	-1.0%

Red numbers are current enrollment; Orange cells are forecasted enrollment.

Needham Public Schools Demographic Study –December 2020

Newman Elementary: Total Enrollment

	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
K	78	85	85	93	94	95	95	94	93	92	90	89	88	87	86	84
1	106	94	87	89	97	98	99	99	98	97	96	94	93	92	91	90
2	99	104	92	85	87	99	100	101	101	100	99	98	97	96	95	94
3	118	97	102	90	87	89	101	102	103	103	102	102	101	100	99	98
4	95	116	95	100	92	89	91	103	104	105	105	104	104	103	102	101
5	101	92	113	92	97	94	91	93	105	106	107	107	106	106	105	104
Total: K-5	597	588	574	549	554	564	577	592	604	603	599	594	589	584	578	571
Total: K-5	597	588	574	549	554	564	577	592	604	603	599	594	589	584	578	571
Change		-9	-14	-25	5	10	13	15	12	-1	-4	-5	-5	-5	-6	-7
%Change		-1.5%	-2.4%	-4.4%	0.9%	1.8%	2.3%	2.6%	2.0%	-0.2%	-0.7%	-0.8%	-0.8%	-0.8%	-1.0%	-1.2%

Red numbers are current enrollment; Orange cells are forecasted enrollment.

High Rock: Total Enrollment

	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
6	394	446	423	428	414	390	392	376	395	429	435	442	449	448	444	442
Total 6	394	446	423	428	414	390	392	376	395	429	435	442	449	448	444	442
Total 6	394	446	423	428	414	390	392	376	395	429	435	442	449	448	444	442
Change		52	-23	-18	-9	-24	2	-16	19	34	6	7	7	-1	-4	-2
%Change		-0.9%	-15%	-4.0%	-2.1%	-5.8%	0.5%	-4.1%	5.1%	8.6%	1.4%	1.6%	1.6%	-0.2%	-0.9%	-0.5%

Red numbers are current enrollment; Orange cells are forecasted enrollment.

Needham Public Schools Demographic Study –December 2020

Pollard Middle School: Total Enrollment

	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26-	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
7	461	390	442	419	424	412	388	390	374	393	427	433	444	453	450	446
8	440	452	382	433	411	420	408	384	386	370	391	425	431	442	451	448
Total: 7-8	901	842	824	852	835	832	796	774	760	763	818	858	875	895	901	894
Total: 7-8	901	842	824	852	835	832	796	774	760	763	818	858	875	895	901	894
Change %		-59	-18	28	-17	-3	-36	-22	-14	3	55	40	17	20	6	-7
Change		-6.5%	-2.1%	3.4%	-2.0%	-0.4%	-4.3%	-2.8%	-1.8%	0.4%	7.2%	4.9%	2.0%	2.3%	0.7%	-0.8%

Red numbers are current enrollment; Orange cells are forecasted enrollment.

Needham High School: Total Enrollment

	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26-	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
9	424	436	447	378	437	417	426	414	390	390	374	395	431	437	449	458
10	377	420	432	443	374	433	413	422	410	386	386	372	393	429	435	447
11	445	373	416	428	439	370	429	409	418	406	382	384	370	391	427	433
12	423	441	369	412	424	435	366	425	405	414	402	378	380	366	387	423
Total: 9-12	1669	1670	1664	1661	1674	1655	1634	1670	1623	1596	1544	1529	1574	1623	1698	1761
Total: 9-12	1669	1670	1664	1661	1674	1655	1634	1670	1623	1596	1544	1529	1574	1623	1698	1761
Change %		1	-6	-3	13	-19	-21	36	-47	-27	-52	-15	45	49	75	63
Change		0.1%	-0.4%	-0.2%	0.8%	-1.1%	-1.3%	2.2%	-2.8%	-1.7%	-3.3%	-1.0%	2.9%	3.1%	4.6%	3.7%

Red numbers are current enrollment; Orange cells are forecasted enrollment.

High Scenario

Needham Public Schools Total Enrollment

	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
PK	50	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
K	333	429	412	407	401	397	402	400	393	389	385	381	378	375	372	371
1	402	391	431	426	421	415	416	413	411	404	400	396	393	390	387	384
2	425	416	398	440	435	431	427	425	423	421	414	410	408	405	402	399
3	438	434	421	404	448	444	441	437	435	433	431	425	422	419	416	413
4	428	446	439	426	410	454	450	445	441	440	440	440	434	431	428	424
5	442	437	451	444	431	417	459	455	450	446	446	449	450	443	441	437
Total: K-5	2468	2553	2552	2547	2546	2558	2595	2575	2553	2533	2516	2501	2485	2463	2446	2428
6	394	455	446	460	455	442	427	470	466	461	457	459	462	464	456	454
7	461	406	460	450	465	453	440	425	468	464	459	455	461	467	466	458
8	440	466	398	451	441	460	448	436	421	463	462	457	453	459	465	464
Total: 7-8	901	872	858	901	906	913	888	861	889	927	921	912	914	926	931	922
9	424	451	471	402	456	448	467	455	443	425	468	467	464	460	466	472
10	377	420	446	466	398	451	444	462	450	439	421	466	465	462	458	464
11	445	373	416	442	461	394	446	440	457	446	435	419	464	463	460	456
12	423	441	369	412	438	456	390	442	436	452	442	431	415	459	458	455
SP	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Total: 9-12	1674	1690	1707	1727	1758	1754	1752	1804	1791	1767	1771	1788	1813	1849	1847	1852
Total: K-12	5487	5642	5635	5707	5737	5739	5734	5782	5771	5760	5737	5732	5746	5774	5752	5728
Change		155	-7	72	30	2	-5	48	-11	-11	-23	-5	14	28	-22	-24
%Change		2.8%	-0.1%	1.3%	0.5%	0.0%	-0.1%	0.8%	-0.2%	-0.2%	-0.4%	-0.1%	0.2%	0.5%	-0.4%	-0.4%
Total: K-5	2468	2553	2552	2547	2546	2558	2595	2575	2553	2533	2516	2501	2485	2463	2446	2428
Change		85	-1	-5	-1	12	37	-20	-22	-20	-17	-15	-16	-22	-17	-18
%Change		3.4%	0.0%	-0.2%	0.0%	0.5%	1.4%	-0.8%	-0.9%	-0.8%	-0.7%	-0.6%	-0.6%	-0.9%	-0.7%	-0.7%
Total: 6	394	455	446	460	455	442	427	470	466	461	457	459	462	464	456	454
Change		61	-9	14	-5	-13	-15	43	-4	-5	-4	2	3	2	-8	-2
%Change		16%	-2.0%	3.1%	-1.1%	-2.9%	-3.4%	10%	-0.9%	-1.1%	-0.9%	0.4%	0.7%	0.4%	-1.7%	-0.4%
Total: 7-8	901	872	858	901	906	913	888	861	889	927	921	912	914	926	931	922
Change		-29	-14	43	5	7	-25	-27	28	38	-6	-9	2	12	5	-9
%Change		-3.2%	-1.6%	5.0%	0.6%	0.8%	-2.7%	-3.0%	3.3%	4.3%	-0.6%	-1.0%	0.2%	1.3%	0.5%	-1.0%
Total: 9-12	1674	1690	1707	1727	1758	1754	1752	1804	1791	1767	1771	1788	1813	1849	1847	1852
Change		16	17	20	31	-4	-2	52	-13	-24	4	17	25	36	-2	5
%Change		1.0%	1.0%	1.2%	1.8%	-0.2%	-0.1%	3.0%	-0.7%	-1.3%	0.2%	1.0%	1.4%	2.0%	-0.1%	0.3%

Red numbers are current enrollment; Orange cells are forecasted enrollment.

Needham Public Schools Demographic Study –December 2020

Broadmeadow Elementary: Total Enrollment

	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
K	74	90	85	85	84	84	83	82	81	79	78	78	77	77	76	75
1	73	82	88	89	89	88	87	86	85	84	82	81	81	80	80	79
2	98	74	83	89	90	91	90	89	88	87	87	84	84	84	83	83
3	85	100	75	85	91	92	94	93	92	91	90	89	86	86	86	85
4	93	86	101	76	86	92	93	93	92	91	90	91	90	87	87	87
5	92	94	87	102	77	87	91	92	92	91	90	91	92	91	88	88
Total: K-5	515	526	519	526	517	534	538	535	530	523	517	514	510	505	500	497
Total: K-5	515	526	519	526	517	534	538	535	530	523	517	514	510	505	500	497
Change		11	-7	7	-9	17	4	-3	-5	-7	-6	-3	-4	-5	-5	-3
%Change		2.1%	-1.3%	1.3%	-1.7%	3.3%	0.7%	-0.6%	-0.9%	-1.3%	-1.1%	-0.6%	-0.8%	-1.0%	-1.0%	-0.6%

Red numbers are current enrollment; Orange cells are forecasted enrollment.

Eliot Elementary: Total Enrollment

	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
K	61	70	69	68	67	66	76	78	75	75	74	73	73	72	71	72
1	67	69	71	70	69	68	73	75	77	74	74	73	72	72	71	70
2	72	69	70	72	71	70	71	74	77	79	75	75	74	73	73	72
3	74	73	70	71	73	72	71	72	75	79	81	77	77	75	74	74
4	64	75	74	71	72	74	73	72	73	77	81	83	79	79	77	75
5	72	65	76	75	72	73	75	74	73	74	79	83	85	81	81	79
Total: K-5	410	421	430	427	424	423	439	445	450	458	464	464	460	452	447	442
Total: K-5	410	421	430	427	424	423	439	445	450	458	464	464	460	452	447	442
Change		11	9	-3	-3	-1	16	6	5	8	6	0	-4	-8	-5	-5
%Change		2.7%	2.1%	-0.7%	-0.7%	-0.2%	3.8%	1.4%	1.1%	1.8%	1.3%	0.0%	-0.9%	-1.7%	-1.1%	-1.1%

Red numbers are current enrollment; Orange cells are forecasted enrollment.

Needham Public Schools Demographic Study –December 2020

Sunita Williams Elementary: Total Enrollment

	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
K	59	89	85	84	83	81	80	79	78	78	77	77	76	76	76	77
1	85	77	88	87	86	85	83	82	81	80	80	79	79	78	78	78
2	77	90	79	91	90	89	88	85	84	83	82	82	81	81	80	80
3	90	79	91	80	92	92	91	90	87	86	85	84	85	84	84	83
4	89	92	80	92	81	93	93	92	91	88	89	88	87	88	87	87
5	88	91	93	81	93	83	95	95	94	93	90	91	92	90	92	90
Total: K-5	488	518	516	515	525	523	530	523	515	508	503	501	500	497	497	495
Total: K-5	488	518	516	515	525	523	530	523	515	508	503	501	500	497	497	495
Change		30	-2	-1	10	-2	7	-7	-8	-7	-5	-2	-1	-3	0	-2
%Change		6.1%	-0.4%	-0.2%	1.9%	-0.4%	1.3%	-1.3%	-1.5%	-1.4%	-1.0%	-0.4%	-0.2%	-0.6%	0.0%	-0.4%

Red numbers are current enrollment; Orange cells are forecasted enrollment.

Mitchell Elementary: Total Enrollment

	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
K	78	105	100	98	96	96	95	94	93	92	91	90	89	88	87	86
1	106	94	107	104	102	100	100	99	98	97	96	95	94	93	92	91
2	99	108	96	109	106	104	102	102	101	100	99	98	98	97	96	95
3	118	101	109	97	111	108	106	104	104	103	102	102	101	101	100	99
4	95	120	102	110	99	113	110	108	106	106	105	104	104	103	103	102
5	101	97	121	103	111	101	115	112	110	108	108	107	106	106	105	105
Total: K-5	597	625	635	621	625	622	628	619	612	606	601	596	592	588	583	578
Total: K-5	597	625	635	621	625	622	628	619	612	606	601	596	592	588	583	578
Change		28	10	-14	4	-3	6	-9	-7	-6	-5	-5	-4	-4	-5	-5
%Change		4.7%	1.6%	-2.2%	0.6%	-0.5%	1.0%	-1.4%	-1.1%	-1.0%	-0.8%	-0.8%	-0.7%	-0.7%	-0.9%	-0.9%

Red numbers are current enrollment; Orange cells are forecasted enrollment.

Needham Public Schools Demographic Study –December 2020

Newman Elementary: Total Enrollment

	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
K	61	75	73	72	71	70	68	67	66	65	65	63	63	62	62	61
1	71	69	77	76	75	74	73	71	70	69	68	68	67	67	66	66
2	79	75	70	79	78	77	76	75	73	72	71	71	71	70	70	69
3	71	81	76	71	81	80	79	78	77	74	73	73	73	73	72	72
4	87	73	82	77	72	82	81	80	79	78	75	74	74	74	74	73
5	89	90	74	83	78	73	83	82	81	80	79	77	75	75	75	75
Total: K-5	458	463	452	458	455	456	460	453	446	438	431	426	423	421	419	416
Total: K-5	458	463	452	458	455	456	460	453	446	438	431	426	423	421	419	416
Change		5	-11	6	-3	1	4	-7	-7	-8	-7	-5	-3	-2	-2	-3
%Change		1.1%	-2.4%	1.3%	-0.7%	0.2%	0.9%	-1.5%	-1.5%	-1.8%	-1.6%	-1.2%	-0.7%	-0.5%	-0.5%	-0.7%

Red numbers are current enrollment; Orange cells are forecasted enrollment.

High Rock: Total Enrollment

	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
6	394	455	446	460	455	442	427	470	466	461	457	459	462	464	456	454
Total 6	394	455	446	460	455	442	427	470	466	461	457	459	462	464	456	454
Total 6	394	455	446	460	455	442	427	470	466	461	457	459	462	464	456	454
Change		61	-9	5	9	-13	-15	43	-4	-5	-4	2	3	2	-8	-2
%Change		1.1%	-11%	1.1%	2.0%	-2.9%	-3.4%	10%	-0.9%	-1.1%	-0.9%	0.4%	0.7%	0.4%	-1.7%	-0.4%

Red numbers are current enrollment; Orange cells are forecasted enrollment.

Needham Public Schools Demographic Study –December 2020

Pollard Middle School: Total Enrollment

	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
7	461	406	460	450	465	453	440	425	468	464	459	455	461	467	466	458
8	440	466	398	451	441	460	448	436	421	463	462	457	453	459	465	464
Total: 7-8	901	872	858	901	906	913	888	861	889	927	921	912	914	926	931	922
Total: 7-8	901	872	858	901	906	913	888	861	889	927	921	912	914	926	931	922
Change %		-29	-14	43	5	7	-25	-27	28	38	-6	-9	2	12	5	-9
Change		-3.2%	-1.6%	5.0%	0.6%	0.8%	-2.7%	-3.0%	3.3%	4.3%	-0.6%	-1.0%	0.2%	1.3%	0.5%	-1.0%

Red numbers are current enrollment; Orange cells are forecasted enrollment.

Needham High School: Total Enrollment

	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	2035-36
9	424	451	471	402	456	448	467	455	443	425	468	467	464	460	466	472
10	377	420	446	466	398	451	444	462	450	439	421	466	465	462	458	464
11	445	373	416	442	461	394	446	440	457	446	435	419	464	463	460	456
12	423	441	369	412	438	456	390	442	436	452	442	431	415	459	458	455
Total: 9-12	1669	1685	1702	1722	1753	1749	1747	1799	1786	1762	1766	1783	1808	1844	1842	1847
Total: 9-12	1669	1685	1702	1722	1753	1749	1747	1799	1786	1762	1766	1783	1808	1844	1842	1847
Change %		16	17	20	31	-4	-2	52	-13	-24	4	17	25	36	-2	5
Change		1.0%	1.0%	1.2%	1.8%	-0.2%	-0.1%	3.0%	-0.7%	-1.3%	0.2%	1.0%	1.4%	2.0%	-0.1%	0.3%

Red numbers are current enrollment; Orange cells are forecasted enrollment.