

NEEDHAM PUBLIC SCHOOLS:

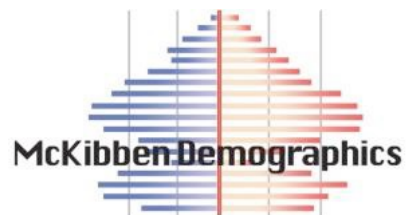
**POPULATION AND ENROLLMENT FORECASTS,
2020-21 THROUGH 2034-35**

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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. (1.82 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 2023-24 school year in all three scenarios. This will be due primarily to the fact that the rising 5th grade cohorts will be greater the 440 in size while the incoming grade cohorts will decline slightly.
7. In the Low scenario, the median age of the population will increase from 42.9 in 2010 to 43.4 in 2035. In the Best scenario, the median age of the population will increase from 42.9 in 2010 to 43.5 in 2035. In the High scenario, the median age of the population will decrease from 42.0 in 2010 to 42.8 in 2035.
8. 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.
9. In the Low scenario, total district enrollment is forecasted to increase by 181 students, or 3.2%, between 2019-20 and 2024-25. Total enrollment is forecasted to decrease by 124 students, or -2.1%, from 2024-25 to 2029-30. The total enrollment is forecasted to decline by 66 students, or -1.1%, from 2029-30 to 2034-35.

10. In the Best scenario, total district enrollment is forecasted to increase by 186 students, or 3.3%, between 2019-20 and 2024-25. Total enrollment is forecasted to decrease by 116 students, or 2.0%, from 2024-25 to 2029-30. The total enrollment is forecasted to decline by 77 students, or -1.3%, from 2029-30 to 2034-35.
11. In the High scenario, total district enrollment is forecasted to increase by 186 students, or 3.3%, between 2019-20 and 2024-25. Total enrollment is forecasted to decrease by 59 students, or -1.0%, from 2024-25 to 2029-30. The total enrollment is forecasted to decline by 57 students, or -1.0%, from 2029-30 to 2034-35.

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 2019-20. 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 2016. 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 2010. 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 2034. 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 1.82 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 2034. 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 Schools assume that throughout the study period:

- 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 5.0% over the 15 year life of the forecasts;
- c. The rate of mortgage approval stays at 2015-2019 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 2015-2019 average of Norfolk County for any year in the forecasts;
- f. In the Low scenario, all currently platted, and approved housing developments are built out and completed by 2033. All housing units constructed are occupied by 2034;
- g. In the Best scenario, all currently platted, and approved housing developments are built out and completed by 2033. Additionally, the 1180 Great Plain project will be built out by 2026. All housing units constructed are occupied by 2027;

- h. In the High scenario, all aforementioned currently platted, and approved housing developments are built out and completed by 2034. Additionally, the Overlay project will be built out by 2030. All housing units constructed are occupied by 2034;
- i. The unemployment rates for the Norfolk County and the Boston Metropolitan Area will remain below 4.5% 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 2019-20 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 240 existing housing unit sales annually until 2034;
- 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 Low scenario, it is assumed all of the 136 units of the Modera development are all on line by 2024. Additionally, all of the 390 units of the Kendrick development are on line by 2025;
- w. The Best scenario assumes the aforementioned developments and the 1180 Great Plain development. 1180 Great Plain development is assumed to 16 total units on line by 2017;

- x. The High scenario assumes the aforementioned development and the Overlay development. Overlay is assumed to have 250 units total, with a 5 year build out plan. All units are occupied by 2033 and the full impact on the district’s enrollment will be seen by 2034;

If a major employer in the district or in the Greater Boston Metropolitan Area 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 $\pm 2.0\%$ for the life of the forecasts.

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Appendix A: Population Forecasts

Best Scenario

Needham Public Schools Total Population

	2010	2015	2020	2025	2030
0-4	1,871	1,770	1,760	1,660	1,670
5-9	2,488	2,260	2,370	2,340	2,260
10-14	2,467	2,550	2,340	2,440	2,430
15-19	1,863	1,960	1,910	1,770	1,820
20-24	981	1,090	1,060	1,090	980
25-29	713	770	950	890	920
30-34	979	1,110	1,220	1,420	1,410
35-39	1,755	1,380	1,610	1,580	1,830
40-44	2,293	1,810	1,480	1,720	1,700
45-49	2,523	2,270	1,780	1,500	1,790
50-54	2,419	2,480	2,260	1,760	1,450
55-59	2,045	2,380	2,440	2,210	1,750
60-64	1,801	1,930	2,240	2,300	2,060
65-69	1,185	1,620	1,690	2,000	2,070
70-74	874	950	1,300	1,400	1,650
75-79	830	760	800	1,130	1,180
80-84	776	800	690	740	1,040
85+	1,041	1,070	1,060	1,050	1,020
Total	28,904	28,960	28,960	29,000	29,030
Median Age	42.9	44.4	44.3	43.8	43.5
Births	1,070	1,080	1,120	1,160	
Deaths	1,410	1,490	1,510	1,580	
Natural Increase	-340	-410	-390	-420	
Net Migration	390	430	390	390	
Change	50	20	0	-30	

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

Broadmeadow Elementary Total Population

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

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

Eliot Elementary Total Population

	2010	2015	2020	2025	2030
0-4	281	290	280	310	310
5-9	370	350	360	390	410
10-14	350	380	370	380	420
15-19	245	300	320	280	280
20-24	142	170	170	160	160
25-29	157	160	210	210	200
30-34	225	230	260	340	360
35-39	279	280	300	300	410
40-44	385	270	280	300	330
45-49	369	380	270	280	300
50-54	384	360	380	270	270
55-59	306	380	360	370	270
60-64	245	260	320	300	300
65-69	160	200	210	270	240
70-74	137	120	150	190	210
75-79	165	110	110	130	130
80-84	141	160	90	100	120
85+	197	200	200	180	160
Total	4,537	4,600	4,640	4,760	4,880
Median Age	42.8	42.6	40.9	40.2	38.7
Births	200	210	220	240	
Deaths	240	250	230	230	
Natural Increase	-40	-40	-10	10	
Net Migration	90	90	110	110	
Change	50	50	100	120	

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

Sunita Williams Elementary Total Population

	2010	2015	2020	2025	2030
0-4	341	350	350	320	300
5-9	410	410	460	440	420
10-14	373	420	410	470	460
15-19	445	300	220	290	350
20-24	353	300	230	180	240
25-29	191	240	230	170	120
30-34	230	280	320	290	230
35-39	337	350	420	420	390
40-44	416	370	350	420	420
45-49	475	410	360	350	420
50-54	463	470	410	360	340
55-59	388	460	460	400	360
60-64	362	370	440	440	380
65-69	238	330	340	390	400
70-74	179	200	290	270	320
75-79	165	160	180	230	230
80-84	217	160	140	170	210
85+	449	390	330	280	260
Total	6,030	5,970	5,940	5,890	5,850
Median Age	44.0	44.5	44.7	44.3	44.9
Births	280	270	250	250	
Deaths	400	370	350	350	
Natural Increase	-120	-100	-100	-100	
Net Migration	60	70	60	60	
Change	-60	-30	-40	-40	

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

Mitchell Elementary Total Population

	2010	2015	2020	2025	2030
0-4	344	270	260	240	260
5-9	461	420	440	400	380
10-14	417	470	440	460	410
15-19	270	350	410	380	400
20-24	120	140	170	230	180
25-29	85	70	80	90	110
30-34	148	170	160	160	180
35-39	294	190	220	200	220
40-44	400	310	210	260	230
45-49	407	400	310	230	290
50-54	383	400	390	300	220
55-59	351	380	390	390	300
60-64	299	340	360	370	370
65-69	174	270	280	340	360
70-74	116	130	210	250	300
75-79	86	100	100	190	220
80-84	79	80	100	90	170
85+	88	100	110	120	120
Total	4,521	4,590	4,640	4,700	4,720
Median Age	41.5	43.5	43.3	43.7	44.8
Births	160	150	170	180	
Deaths	170	190	210	230	
Natural Increase	-10	-40	-40	-50	
Net Migration	80	90	70	70	
Change	70	50	30	20	

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

Newman Elementary Total Population

	2010	2015	2020	2025	2030
0-4	514	510	470	450	450
5-9	685	580	630	610	590
10-14	783	700	600	650	630
15-19	563	600	540	420	430
20-24	230	350	320	340	240
25-29	183	220	370	350	400
30-34	249	270	320	450	450
35-39	467	300	350	380	510
40-44	628	470	360	400	430
45-49	761	620	460	360	440
50-54	749	750	620	450	350
55-59	607	730	730	600	440
60-64	566	580	700	710	580
65-69	406	540	530	630	640
70-74	271	350	440	420	530
75-79	259	240	310	390	370
80-84	197	250	220	290	370
85+	201	230	260	290	330
Total	8,319	8,290	8,230	8,190	8,180
Median Age	43.9	46.2	46.7	45.6	44.5
Births		260	290	310	320
Deaths		370	430	450	500
Natural Increase		-110	-140	-140	-180
Net Migration		90	100	90	90
Change		-20	-40	-50	-90

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

Low Scenario

Needham Public Schools Total Population

	2010	2015	2020	2025	2030
0-4	1,871	1,770	1,760	1,650	1,660
5-9	2,488	2,260	2,370	2,320	2,240
10-14	2,467	2,550	2,340	2,440	2,410
15-19	1,863	1,960	1,910	1,790	1,840
20-24	981	1,090	1,060	1,110	1,020
25-29	713	770	950	890	940
30-34	979	1,110	1,220	1,420	1,390
35-39	1,755	1,380	1,610	1,580	1,810
40-44	2,293	1,810	1,480	1,720	1,690
45-49	2,523	2,270	1,780	1,500	1,770
50-54	2,419	2,480	2,260	1,760	1,450
55-59	2,045	2,380	2,440	2,210	1,750
60-64	1,801	1,930	2,240	2,300	2,060
65-69	1,185	1,620	1,690	2,010	2,070
70-74	874	950	1,300	1,410	1,650
75-79	830	760	800	1,130	1,190
80-84	776	800	690	740	1,040
85+	1,041	1,070	1,060	1,050	1,020
Total	28,904	28,960	28,960	29,030	29,000
Median Age	42.9	44.4	44.3	43.8	43.5
Births	1,070	1,080	1,120	1,170	1,170
Deaths	1,410	1,490	1,510	1,580	1,580
Natural Increase	-340	-410	-390	-410	-410
Net Migration	390	430	380	380	380
Change	50	20	-10	-30	-30

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

Broadmeadow Elementary Total Population

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

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

Eliot Elementary Total Population

	2010	2015	2020	2025	2030
0-4	281	290	280	310	310
5-9	370	350	360	390	410
10-14	350	380	370	380	420
15-19	245	300	320	280	280
20-24	142	170	170	160	160
25-29	157	160	210	210	200
30-34	225	230	260	340	360
35-39	279	280	300	300	410
40-44	385	270	280	300	330
45-49	369	380	270	280	300
50-54	384	360	380	270	270
55-59	306	380	360	370	270
60-64	245	260	320	300	300
65-69	160	200	210	270	240
70-74	137	120	150	190	210
75-79	165	110	110	130	130
80-84	141	160	90	100	120
85+	197	200	200	180	160
Total	4,537	4,600	4,640	4,760	4,880
Median Age	42.8	42.6	40.9	40.2	38.7
Births	200	210	220	240	
Deaths	240	250	230	230	
Natural Increase	-40	-40	-10	10	
Net Migration	90	90	110	110	
Change	50	50	100	120	

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

Sunita Williams Elementary Total Population

	2010	2015	2020	2025	2030
0-4	341	350	350	320	300
5-9	410	410	460	440	420
10-14	373	420	410	470	460
15-19	445	300	220	290	350
20-24	353	300	230	180	240
25-29	191	240	230	170	120
30-34	230	280	320	290	230
35-39	337	350	420	420	390
40-44	416	370	350	420	420
45-49	475	410	360	350	420
50-54	463	470	410	360	340
55-59	388	460	460	400	360
60-64	362	370	440	440	380
65-69	238	330	340	390	400
70-74	179	200	290	270	320
75-79	165	160	180	230	230
80-84	217	160	140	170	210
85+	449	390	330	280	260
Total	6,030	5,970	5,940	5,890	5,850
Median Age	44.0	44.5	44.7	44.3	44.9
Births	280	270	250	250	
Deaths	400	370	350	350	
Natural Increase	-120	-100	-100	-100	
Net Migration	60	70	60	60	
Change	-60	-30	-40	-40	

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

Mitchell Elementary Total Population

	2010	2015	2020	2025	2030
0-4	344	270	260	240	260
5-9	461	420	440	400	380
10-14	417	470	440	460	410
15-19	270	350	410	380	400
20-24	120	140	170	230	180
25-29	85	70	80	90	110
30-34	148	170	160	160	180
35-39	294	190	220	200	220
40-44	400	310	210	260	230
45-49	407	400	310	230	290
50-54	383	400	390	300	220
55-59	351	380	390	390	300
60-64	299	340	360	370	370
65-69	174	270	280	340	360
70-74	116	130	210	250	300
75-79	86	100	100	190	220
80-84	79	80	100	90	170
85+	88	100	110	120	120
Total	4,521	4,590	4,640	4,700	4,720
Median Age	41.5	43.5	43.3	43.7	44.8
Births	160	150	170	180	
Deaths	170	190	210	230	
Natural Increase	-10	-40	-40	-50	
Net Migration	80	90	70	70	
Change	70	50	30	20	

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

Newman Elementary Total Population

	2010	2015	2020	2025	2030
0-4	514	510	470	440	440
5-9	685	580	630	590	570
10-14	783	700	600	650	610
15-19	563	600	540	440	450
20-24	230	350	320	360	280
25-29	183	220	370	350	420
30-34	249	270	320	450	430
35-39	467	300	350	380	490
40-44	628	470	360	400	420
45-49	761	620	460	360	420
50-54	749	750	620	450	350
55-59	607	730	730	600	440
60-64	566	580	700	710	580
65-69	406	540	530	640	640
70-74	271	350	440	430	530
75-79	259	240	310	390	380
80-84	197	250	220	290	370
85+	201	230	260	290	330
Total	8,319	8,290	8,230	8,220	8,150
Median Age	43.9	46.2	46.7	45.7	44.6
Births	260	290	310	330	
Deaths	370	430	450	500	
Natural Increase	-110	-140	-140	-170	
Net Migration	90	100	80	80	
Change	-20	-40	-60	-90	

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

High Scenario

Needham Public Schools Total Population

	2010	2015	2020	2025	2030
0-4	1,871	1,770	1,760	1,660	1,740
5-9	2,488	2,260	2,390	2,340	2,300
10-14	2,467	2,550	2,340	2,460	2,450
15-19	1,863	1,960	1,910	1,770	1,790
20-24	981	1,090	1,060	1,090	1,010
25-29	713	770	950	890	1,080
30-34	979	1,110	1,200	1,420	1,450
35-39	1,755	1,380	1,610	1,580	1,850
40-44	2,293	1,810	1,480	1,720	1,650
45-49	2,523	2,270	1,780	1,500	1,790
50-54	2,419	2,480	2,260	1,760	1,450
55-59	2,045	2,380	2,440	2,210	1,750
60-64	1,801	1,930	2,240	2,300	2,020
65-69	1,185	1,620	1,690	2,000	2,020
70-74	874	950	1,300	1,400	1,620
75-79	830	760	800	1,130	1,160
80-84	776	800	690	740	1,040
85+	1,041	1,070	1,060	1,050	1,020
Total	28,904	28,960	28,960	29,020	29,190
Median Age	42.9	44.4	44.3	43.8	42.8
Births	1,070	1,080	1,120	1,200	
Deaths	1,410	1,490	1,510	1,580	
Natural Increase	-340	-410	-390	-380	
Net Migration	390	430	390	390	
Change	50	20	0	10	

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

Broadmeadow Elementary Total Population

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

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

Eliot Elementary Total Population

	2010	2015	2020	2025	2030
0-4	281	290	280	310	380
5-9	370	350	380	390	450
10-14	350	380	370	400	440
15-19	245	300	320	280	250
20-24	142	170	170	160	190
25-29	157	160	210	210	360
30-34	225	230	240	340	400
35-39	279	280	300	300	430
40-44	385	270	280	300	280
45-49	369	380	270	280	300
50-54	384	360	380	270	270
55-59	306	380	360	370	270
60-64	245	260	320	300	260
65-69	160	200	210	270	190
70-74	137	120	150	190	180
75-79	165	110	110	130	110
80-84	141	160	90	100	120
85+	197	200	200	180	160
Total	4,537	4,600	4,640	4,780	5,040
Median Age	42.8	42.6	40.9	40.0	35.6
Births	200	210	220	280	
Deaths	240	250	230	230	
Natural Increase	-40	-40	-10	50	
Net Migration	90	90	110	110	
Change	50	50	100	160	

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

Sunita Williams Elementary Total Population

	2010	2015	2020	2025	2030
0-4	341	350	350	320	300
5-9	410	410	460	440	420
10-14	373	420	410	470	460
15-19	445	300	220	290	350
20-24	353	300	230	180	240
25-29	191	240	230	170	120
30-34	230	280	320	290	230
35-39	337	350	420	420	390
40-44	416	370	350	420	420
45-49	475	410	360	350	420
50-54	463	470	410	360	340
55-59	388	460	460	400	360
60-64	362	370	440	440	380
65-69	238	330	340	390	400
70-74	179	200	290	270	320
75-79	165	160	180	230	230
80-84	217	160	140	170	210
85+	449	390	330	280	260
Total	6,030	5,970	5,940	5,890	5,850
Median Age	44.0	44.5	44.7	44.3	44.9
Births	280	270	250	250	
Deaths	400	370	350	350	
Natural Increase	-120	-100	-100	-100	
Net Migration	60	70	60	60	
Change	-60	-30	-40	-40	

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

Mitchell Elementary Total Population

	2010	2015	2020	2025	2030
0-4	344	270	260	240	260
5-9	461	420	440	400	380
10-14	417	470	440	460	410
15-19	270	350	410	380	400
20-24	120	140	170	230	180
25-29	85	70	80	90	110
30-34	148	170	160	160	180
35-39	294	190	220	200	220
40-44	400	310	210	260	230
45-49	407	400	310	230	290
50-54	383	400	390	300	220
55-59	351	380	390	390	300
60-64	299	340	360	370	370
65-69	174	270	280	340	360
70-74	116	130	210	250	300
75-79	86	100	100	190	220
80-84	79	80	100	90	170
85+	88	100	110	120	120
Total	4,521	4,590	4,640	4,700	4,720
Median Age	41.5	43.5	43.3	43.7	44.8
Births	160	150	170	180	
Deaths	170	190	210	230	
Natural Increase	-10	-40	-40	-50	
Net Migration	80	90	70	70	
Change	70	50	30	20	

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

Newman Elementary Total Population

	2010	2015	2020	2025	2030
0-4	514	510	470	450	450
5-9	685	580	630	610	590
10-14	783	700	600	650	630
15-19	563	600	540	420	430
20-24	230	350	320	340	240
25-29	183	220	370	350	400
30-34	249	270	320	450	450
35-39	467	300	350	380	510
40-44	628	470	360	400	430
45-49	761	620	460	360	440
50-54	749	750	620	450	350
55-59	607	730	730	600	440
60-64	566	580	700	710	580
65-69	406	540	530	630	640
70-74	271	350	440	420	530
75-79	259	240	310	390	370
80-84	197	250	220	290	370
85+	201	230	260	290	330
Total	8,319	8,290	8,230	8,190	8,180
Median Age	43.9	46.2	46.7	45.6	44.5
Births	260	290	310	320	
Deaths	370	430	450	500	
Natural Increase	-110	-140	-140	-180	
Net Migration	90	100	90	90	
Change	-20	-40	-50	-90	

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

Appendix B: Enrollment Forecasts

Best Scenario

Needham Public Schools Total Enrollment

	2019-20	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
PK	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
K	390	410	408	404	402	398	395	390	387	382	383	378	376	373	371	380
1	436	420	423	421	417	414	409	406	401	398	392	390	385	383	380	378
2	441	448	433	435	433	429	426	420	418	413	411	406	406	401	399	396
3	434	448	455	439	443	442	438	436	431	429	424	423	420	420	414	412
4	463	440	454	460	445	449	448	442	441	435	435	432	432	429	429	423
5	422	468	445	459	465	452	456	453	447	447	440	443	442	442	439	439
Total: K-5	2586	2634	2618	2618	2605	2584	2572	2547	2525	2504	2485	2472	2461	2448	2432	2428
6	499	430	477	454	470	477	463	467	464	458	458	453	456	455	455	452
7	460	504	434	482	459	468	475	461	465	462	456	456	455	461	457	457
8	432	451	494	425	472	454	463	470	456	460	460	454	454	453	459	455
Total: 7-8	892	955	928	907	931	922	938	931	921	922	916	910	909	914	916	912
9	380	436	456	499	429	479	461	470	477	461	465	465	461	461	460	466
10	453	376	432	451	494	425	474	456	465	472	456	463	463	459	459	458
11	421	448	372	428	446	489	421	469	451	460	467	454	461	461	457	457
12	401	417	444	368	424	442	484	417	464	446	455	462	449	456	456	452
SP	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Total: 9-12	1658	1680	1707	1749	1796	1838	1843	1815	1860	1842	1846	1847	1837	1840	1835	1836
Total: K-12	5707	5771	5802	5800	5874	5893	5888	5832	5842	5798	5777	5754	5735	5729	5710	5700
Change		64	31	-2	74	19	-5	-56	10	-44	-21	-23	-19	-6	-19	-10
%Change		1.1%	0.5%	0.0%	1.3%	0.3%	-0.1%	-1.0%	0.2%	-0.8%	-0.4%	-0.4%	-0.3%	-0.1%	-0.3%	-0.2%
Total: K-5	2586	2634	2618	2618	2605	2584	2572	2547	2525	2504	2485	2472	2461	2448	2432	2428
Change		48	-16	0	-13	-21	-12	-25	-22	-21	-19	-13	-11	-13	-16	-4
%Change		1.9%	-0.6%	0.0%	-0.5%	-0.8%	-0.5%	-1.0%	-0.9%	-0.8%	-0.8%	-0.5%	-0.4%	-0.5%	-0.7%	-0.2%
Total: 6	499	430	477	454	470	477	463	467	464	458	458	453	456	455	455	452
Change		-69	47	-23	16	7	-14	4	-3	-6	0	-5	3	-1	0	-3
%Change		-14%	10.9%	-4.8%	3.5%	1.5%	-2.9%	0.9%	-0.6%	-1.3%	0.0%	-1.1%	0.7%	-0.2%	0.0%	-0.7%
Total: 7-8	892	955	928	907	931	922	938	931	921	922	916	910	909	914	916	912
Change		63	-27	-21	24	-9	16	-7	-10	1	-6	-6	-1	5	2	-4
%Change		7.1%	-2.8%	-2.3%	2.6%	-1.0%	1.7%	-0.7%	-1.1%	0.1%	-0.7%	-0.7%	-0.1%	0.6%	0.2%	-0.4%
Total: 9-12	1658	1680	1707	1749	1796	1838	1843	1815	1860	1842	1846	1847	1837	1840	1835	1836
Change		22	27	42	47	42	5	-28	45	-18	4	1	-10	3	-5	1
%Change		1.3%	1.6%	2.5%	2.7%	2.3%	0.3%	-1.5%	2.5%	-1.0%	0.2%	0.1%	-0.5%	0.2%	-0.3%	0.1%

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

Needham Public Schools Demographic Study –December 2019

Broadmeadow Elementary: Total Enrollment

	2019-20	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
K	77	86	86	85	84	84	83	82	81	80	79	79	78	78	77	78
1	102	86	89	89	88	87	87	86	85	84	82	81	81	80	80	79
2	84	105	89	92	92	91	90	90	89	88	87	84	84	84	83	83
3	95	86	107	91	95	95	94	94	94	93	92	90	88	88	87	86
4	97	96	87	108	92	96	96	93	93	93	92	93	91	89	89	88
5	93	98	97	88	109	93	97	95	92	92	92	93	94	92	90	90
Total K-5	548	557	555	553	560	546	547	540	534	530	524	520	516	511	506	504
Total K-5	548	557	555	553	560	546	547	540	534	530	524	520	516	511	506	504
Change %		9	-2	-2	7	-14	1	-7	-6	-4	-6	-4	-4	-5	-5	-2
Change		1.6%	-0.4%	-0.4%	1.3%	-2.5%	0.2%	-1.3%	-1.1%	-0.7%	-1.1%	-0.8%	-0.8%	-1.0%	-1.0%	-0.4%

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

Eliot Elementary: Total Enrollment

	2019-20	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
K	64	70	70	69	69	69	69	68	67	66	65	64	64	63	63	65
1	67	71	72	72	71	71	70	70	69	68	67	66	65	65	64	64
2	75	70	74	74	73	72	72	71	72	71	70	70	69	68	68	67
3	61	77	72	75	75	74	73	73	73	74	73	72	72	71	70	70
4	73	63	79	73	76	76	75	74	75	74	75	74	74	74	73	72
5	72	74	64	80	74	77	77	76	75	77	75	77	76	76	76	75
Total K-5	412	425	431	443	438	439	436	432	431	430	425	423	420	417	414	413
Total K-5	412	425	431	443	438	439	436	432	431	430	425	423	420	417	414	413
Change %		13	6	12	-5	1	-3	-4	-1	-1	-5	-2	-3	-3	-3	-1
Change		3.2%	1.4%	2.8%	-1.1%	0.2%	-0.7%	-0.9%	-0.2%	-0.2%	-1.2%	-0.5%	-0.7%	-0.7%	-0.7%	-0.2%

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

Needham Public Schools Demographic Study –December 2019

Sunita Williams Elementary: Total Enrollment

	2019-20	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
K	83	83	82	82	82	81	80	79	79	78	78	77	77	76	76	77
1	80	87	86	85	85	84	83	82	81	81	80	80	79	79	78	78
2	92	83	90	89	88	88	87	85	84	83	84	83	83	82	82	81
3	93	93	84	91	90	90	90	89	87	86	85	86	86	86	85	85
4	92	94	94	85	92	91	91	91	90	88	89	88	89	89	89	88
5	78	93	95	95	86	94	93	93	93	92	90	91	92	93	93	93
Total K-5	518	533	531	527	523	528	524	519	514	508	506	505	506	505	503	502
Total K-5	518	533	531	527	523	528	524	519	514	508	506	505	506	505	503	502
Change %		15	-2	-4	-4	5	-4	-5	-5	-6	-2	-1	1	-1	-2	-1
Change		2.9%	-0.4%	-0.8%	-0.8%	1.0%	-0.8%	-1.0%	-1.0%	-1.2%	-0.4%	-0.2%	0.2%	-0.2%	-0.4%	-0.2%

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

Mitchell Elementary: Total Enrollment

	2019-20	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
K	65	70	70	69	69	68	68	67	67	66	67	66	66	65	65	68
1	83	71	72	72	71	71	70	70	69	69	68	68	67	67	66	66
2	70	85	72	73	74	73	73	72	72	71	71	71	71	70	70	69
3	88	71	86	73	74	75	74	74	73	73	72	73	73	73	72	72
4	94	89	72	87	74	75	76	75	75	74	74	73	74	74	74	73
5	84	95	90	73	88	75	76	77	76	76	75	75	74	75	75	75
Total K-5	484	481	462	447	450	437	437	435	432	429	427	426	425	424	422	423
Total K-5	484	481	462	447	450	437	437	435	432	429	427	426	425	424	422	423
Change %		-3	-19	-15	3	-13	0	-2	-3	-3	-2	-1	-1	-1	-2	1
Change		-0.6%	-4.0%	-3.2%	0.7%	-2.9%	0.0%	-0.5%	-0.7%	-0.7%	-0.5%	-0.2%	-0.2%	-0.2%	-0.5%	0.2%

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

Needham Public Schools Demographic Study –December 2019

Newman Elementary: Total Enrollment

	2019-20	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
K	101	101	100	99	98	96	95	94	93	92	94	92	91	91	90	92
1	104	105	104	103	102	101	99	98	97	96	95	95	93	92	92	91
2	120	105	108	107	106	105	104	102	101	100	99	98	99	97	96	96
3	97	121	106	109	109	108	107	106	104	103	102	102	101	102	100	99
4	107	98	122	107	111	111	110	109	108	106	105	104	104	103	104	102
5	95	108	99	123	108	113	113	112	111	110	108	107	106	106	105	106
Total K-5	624	638	639	648	634	634	628	621	614	607	603	598	594	591	587	586
Total K-5	624	638	639	648	634	634	628	621	614	607	603	598	594	591	587	586
Change %		14	1	9	-14	0	-6	-7	-7	-7	-4	-5	-4	-3	-4	-1
Change		2.2%	0.2%	1.4%	-2.2%	0.0%	-0.9%	-1.1%	-1.1%	-1.1%	-0.7%	-0.8%	-0.7%	-0.5%	-0.7%	-0.2%

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

High Rock: Total Enrollment

	2019-20	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
6	499	430	477	454	470	477	463	467	464	458	458	453	456	455	455	452
Total 6	499	430	477	454	470	477	463	467	464	458	458	453	456	455	455	452
Total 6	499	430	477	454	470	477	463	467	464	458	458	453	456	455	455	452
Change %		-20	-22	24	-7	7	-14	4	-3	-6	0	-5	3	-1	0	-3
Change		-4.4%	-4.4%	5.6%	-1.5%	1.5%	-2.9%	0.9%	-0.6%	-1.3%	0.0%	-1.1%	0.7%	-0.2%	0.0%	-0.7%

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

Needham Public Schools Demographic Study –December 2019

Pollard Middle School: Total Enrollment

	2019-20	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
7	460	504	434	482	459	468	475	461	465	462	456	456	455	461	457	457
8	432	451	494	425	472	454	463	470	456	460	460	454	454	453	459	455
Total: 7-8	892	955	928	907	931	922	938	931	921	922	916	910	909	914	916	912
Total: 7-8	892	955	928	907	931	922	938	931	921	922	916	910	909	914	916	912
Change %		63	36	-48	24	-9	16	-7	-10	1	-6	-6	-1	5	2	-4
Change		7.1%	-2.8%	-2.3%	2.6%	-1.0%	1.7%	-0.7%	-1.1%	0.1%	-0.7%	-0.7%	-0.1%	0.6%	0.2%	-0.4%

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

Needham High School: Total Enrollment

	2019-20	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
9	380	436	456	499	429	479	461	470	477	461	465	465	461	461	460	466
10	453	376	432	451	494	425	474	456	465	472	456	463	463	459	459	458
11	421	448	372	428	446	489	421	469	451	460	467	454	461	461	457	457
12	401	417	444	368	424	442	484	417	464	446	455	462	449	456	456	452
Total: 9-12	1655	1677	1704	1746	1793	1835	1840	1812	1857	1839	1843	1844	1834	1837	1832	1833
Total: 9-12	1655	1677	1704	1746	1793	1835	1840	1812	1857	1839	1843	1844	1834	1837	1832	1833
Change %		22	27	42	47	42	5	-28	45	-18	4	1	-10	3	-5	1
Change		1.3%	1.6%	2.5%	2.7%	2.3%	0.3%	-1.5%	2.5%	-1.0%	0.2%	0.1%	-0.5%	0.2%	-0.3%	0.1%

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

Needham Public Schools Demographic Study –December 2019

Low Scenario

Needham Public Schools Total Enrollment

	2019-20	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
PK	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
K	390	410	408	404	402	398	395	390	387	382	383	378	376	373	371	380
1	436	420	423	421	417	414	409	406	401	398	392	390	385	383	380	378
2	441	448	433	435	433	428	425	419	417	412	410	406	405	400	398	395
3	434	448	455	439	442	441	436	434	430	428	423	422	420	419	413	411
4	463	440	454	460	444	447	446	439	439	434	434	432	432	430	429	423
5	422	468	445	459	465	451	454	451	444	445	440	443	443	443	441	440
Total: K-5	2586	2634	2618	2618	2603	2579	2565	2539	2518	2499	2482	2471	2461	2448	2432	2427
6	499	430	477	454	470	477	462	465	462	455	456	453	456	456	456	454
7	460	504	434	482	459	468	475	460	463	460	453	454	455	461	458	458
8	432	451	494	425	472	454	463	470	455	458	458	451	452	453	459	456
Total: 7-8	892	955	928	907	931	922	938	930	918	918	911	905	907	914	917	914
9	380	436	456	499	429	479	461	470	477	460	463	463	458	459	460	466
10	453	376	432	451	494	425	474	456	465	472	455	461	461	456	457	458
11	421	448	372	428	446	489	421	469	451	460	467	453	459	459	454	455
12	401	417	444	368	424	442	484	417	464	446	455	462	448	454	454	449
SP	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Total: 9-12	1658	1680	1707	1749	1796	1838	1843	1815	1860	1841	1843	1842	1829	1831	1828	1831
Total: K-12	5707	5771	5802	5800	5872	5888	5880	5821	5830	5785	5764	5743	5725	5721	5705	5698
Change		64	31	-2	72	16	-8	-59	9	-45	-21	-21	-18	-4	-16	-7
%Change		1.1%	0.5%	0.0%	1.2%	0.3%	-0.1%	-1.0%	0.2%	-0.8%	-0.4%	-0.4%	-0.3%	-0.1%	-0.3%	-0.1%
Total: K-5	2586	2634	2618	2618	2603	2579	2565	2539	2518	2499	2482	2471	2461	2448	2432	2427
Change		48	-16	0	-15	-24	-14	-26	-21	-19	-17	-11	-10	-13	-16	-5
%Change		1.9%	-0.6%	0.0%	-0.6%	-0.9%	-0.5%	-1.0%	-0.8%	-0.8%	-0.7%	-0.4%	-0.4%	-0.5%	-0.7%	-0.2%
Total: 6	499	430	477	454	470	477	462	465	462	455	456	453	456	456	456	454
Change		-69	47	-23	16	7	-15	3	-3	-7	1	-3	3	0	0	-2
%Change		-14%	10.9%	-4.8%	3.5%	1.5%	-3.1%	0.6%	-0.6%	-1.5%	0.2%	-0.7%	0.7%	0.0%	0.0%	-0.4%
Total: 7-8	892	955	928	907	931	922	938	930	918	918	911	905	907	914	917	914
Change		63	-27	-21	24	-9	16	-8	-12	0	-7	-6	2	7	3	-3
%Change		7.1%	-2.8%	-2.3%	2.6%	-1.0%	1.7%	-0.9%	-1.3%	0.0%	-0.8%	-0.7%	0.2%	0.8%	0.3%	-0.3%
Total: 9-12	1658	1680	1707	1749	1796	1838	1843	1815	1860	1841	1843	1842	1829	1831	1828	1831
Change		22	27	42	47	42	5	-28	45	-19	2	-1	-13	2	-3	3
%Change		1.3%	1.6%	2.5%	2.7%	2.3%	0.3%	-1.5%	2.5%	-1.0%	0.1%	-0.1%	-0.7%	0.1%	-0.2%	0.2%

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

Needham Public Schools Demographic Study –December 2019

Broadmeadow Elementary: Total Enrollment

	2019-20	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
K	77	86	86	85	84	84	83	82	81	80	79	79	78	78	77	78
1	102	86	89	89	88	87	87	86	85	84	82	81	81	80	80	79
2	84	105	89	92	92	91	90	90	89	88	87	84	84	84	83	83
3	95	86	107	91	95	95	94	94	94	93	92	90	88	88	87	86
4	97	96	87	108	92	96	96	93	93	93	92	93	91	89	89	88
5	93	98	97	88	109	93	97	95	92	92	92	93	94	92	90	90
Total K-5	548	557	555	553	560	546	547	540	534	530	524	520	516	511	506	504
Total K-5	548	557	555	553	560	546	547	540	534	530	524	520	516	511	506	504
Change %		9	-2	-2	7	-14	1	-7	-6	-4	-6	-4	-4	-5	-5	-2
Change		1.6%	-0.4%	-0.4%	1.3%	-2.5%	0.2%	-1.3%	-1.1%	-0.7%	-1.1%	-0.8%	-0.8%	-1.0%	-1.0%	-0.4%

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

Eliot Elementary: Total Enrollment

	2019-20	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
K	64	70	70	69	69	69	69	68	67	66	65	64	64	63	63	65
1	67	71	72	72	71	71	70	70	69	68	67	66	65	65	64	64
2	75	70	74	74	73	72	72	71	72	71	70	70	69	68	68	67
3	61	77	72	75	75	74	73	73	73	74	73	72	72	71	70	70
4	73	63	79	73	76	76	75	74	75	74	75	74	74	74	73	72
5	72	74	64	80	74	77	77	76	75	77	75	77	76	76	76	75
Total K-5	412	425	431	443	438	439	436	432	431	430	425	423	420	417	414	413
Total K-5	412	425	431	443	438	439	436	432	431	430	425	423	420	417	414	413
Change %		13	6	12	-5	1	-3	-4	-1	-1	-5	-2	-3	-3	-3	-1
Change		3.2%	1.4%	2.8%	-1.1%	0.2%	-0.7%	-0.9%	-0.2%	-0.2%	-1.2%	-0.5%	-0.7%	-0.7%	-0.7%	-0.2%

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

Needham Public Schools Demographic Study –December 2019

Sunita Williams Elementary: Total Enrollment

	2019-20	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
K	83	83	82	82	82	81	80	79	79	78	78	77	77	76	76	77
1	80	87	86	85	85	84	83	82	81	81	80	80	79	79	78	78
2	92	83	90	89	88	88	87	85	84	83	84	83	83	82	82	81
3	93	93	84	91	90	90	90	89	87	86	85	86	86	86	85	85
4	92	94	94	85	92	91	91	91	90	88	89	88	89	89	89	88
5	78	93	95	95	86	94	93	93	93	92	90	91	92	93	93	93
Total K-5	518	533	531	527	523	528	524	519	514	508	506	505	506	505	503	502
Total K-5	518	533	531	527	523	528	524	519	514	508	506	505	506	505	503	502
Change %		15	-2	-4	-4	5	-4	-5	-5	-6	-2	-1	1	-1	-2	-1
Change		2.9%	-0.4%	-0.8%	-0.8%	1.0%	-0.8%	-1.0%	-1.0%	-1.2%	-0.4%	-0.2%	0.2%	-0.2%	-0.4%	-0.2%

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

Mitchell Elementary: Total Enrollment

	2019-20	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
K	65	70	70	69	69	68	68	67	67	66	67	66	66	65	65	68
1	83	71	72	72	71	71	70	70	69	69	68	68	67	67	66	66
2	70	85	72	73	74	73	73	72	72	71	71	71	71	70	70	69
3	88	71	86	73	74	75	74	74	73	73	72	73	73	73	72	72
4	94	89	72	87	74	75	76	75	75	74	74	73	74	74	74	73
5	84	95	90	73	88	75	76	77	76	76	75	75	74	75	75	75
Total K-5	484	481	462	447	450	437	437	435	432	429	427	426	425	424	422	423
Total K-5	484	481	462	447	450	437	437	435	432	429	427	426	425	424	422	423
Change %		-3	-19	-15	3	-13	0	-2	-3	-3	-2	-1	-1	-1	-2	1
Change		-0.6%	-4.0%	-3.2%	0.7%	-2.9%	0.0%	-0.5%	-0.7%	-0.7%	-0.5%	-0.2%	-0.2%	-0.2%	-0.5%	0.2%

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

Needham Public Schools Demographic Study –December 2019

Newman Elementary: Total Enrollment

	2019-20	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
K	101	101	100	99	98	96	95	94	93	92	94	92	91	91	90	92
1	104	105	104	103	102	101	99	98	97	96	95	95	93	92	92	91
2	120	105	108	107	106	104	103	101	100	99	98	98	98	96	95	95
3	97	121	106	109	108	107	105	104	103	102	101	101	101	101	99	98
4	107	98	122	107	110	109	108	106	106	105	104	104	104	104	104	102
5	95	108	99	123	108	112	111	110	108	108	108	107	107	107	107	107
Total K-5	624	638	639	648	632	629	621	613	607	602	600	597	594	591	587	585
Total K-5	624	638	639	648	632	629	621	613	607	602	600	597	594	591	587	585
Change %		14	1	9	-16	-3	-8	-8	-6	-5	-2	-3	-3	-3	-4	-2
Change		2.2%	0.2%	1.4%	-2.5%	-0.5%	-1.3%	-1.3%	-1.0%	-0.8%	-0.3%	-0.5%	-0.5%	-0.5%	-0.7%	-0.3%

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

High Rock: Total Enrollment

	2019-20	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
6	499	430	477	454	470	477	462	465	462	455	456	453	456	456	456	454
Total 6	499	430	477	454	470	477	462	465	462	455	456	453	456	456	456	454
Total 6	499	430	477	454	470	477	462	465	462	455	456	453	456	456	456	454
Change %		-20	-22	24	-7	7	-15	3	-3	-7	1	-3	3	0	0	-2
Change		-4.4%	-4.4%	5.6%	-1.5%	1.5%	-3.1%	0.6%	-0.6%	-1.5%	0.2%	-0.7%	0.7%	0.0%	0.0%	-0.4%

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

Needham Public Schools Demographic Study –December 2019

Pollard Middle School: Total Enrollment

	2019-20	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
7	460	504	434	482	459	468	475	460	463	460	453	454	455	461	458	458
8	432	451	494	425	472	454	463	470	455	458	458	451	452	453	459	456
Total:																
7-8	892	955	928	907	931	922	938	930	918	918	911	905	907	914	917	914
Total:																
7-8	892	955	928	907	931	922	938	930	918	918	911	905	907	914	917	914
Change %		63	36	-48	24	-9	16	-8	-12	0	-7	-6	2	7	3	-3
Change		7.1%	-2.8%	-2.3%	2.6%	-1.0%	1.7%	-0.9%	-1.3%	0.0%	-0.8%	-0.7%	0.2%	0.8%	0.3%	-0.3%

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

Needham High School: Total Enrollment

	2019-20	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
9	380	436	456	499	429	479	461	470	477	460	463	463	458	459	460	466
10	453	376	432	451	494	425	474	456	465	472	455	461	461	456	457	458
11	421	448	372	428	446	489	421	469	451	460	467	453	459	459	454	455
12	401	417	444	368	424	442	484	417	464	446	455	462	448	454	454	449
Total:																
9-12	1655	1677	1704	1746	1793	1835	1840	1812	1857	1838	1840	1839	1826	1828	1825	1828
Total:																
9-12	1655	1677	1704	1746	1793	1835	1840	1812	1857	1838	1840	1839	1826	1828	1825	1828
Change %		22	27	42	47	42	5	-28	45	-19	2	-1	-13	2	-3	3
Change		1.3%	1.6%	2.5%	2.7%	2.3%	0.3%	-1.5%	2.5%	-1.0%	0.1%	-0.1%	-0.7%	0.1%	-0.2%	0.2%

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

High Scenario

Needham Public Schools Total Enrollment

	2019-20	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
PK	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
K	390	410	408	404	402	398	398	399	397	392	393	388	385	382	379	385
1	436	420	423	421	417	414	409	409	408	406	400	398	393	390	387	384
2	441	448	433	435	433	429	426	422	422	421	420	414	413	407	404	401
3	434	448	455	439	443	442	438	438	434	434	433	433	428	427	419	416
4	463	440	454	460	445	449	448	444	443	440	442	443	441	436	435	427
5	422	468	445	459	465	452	456	454	450	450	447	451	452	450	445	444
Total: K-5	2586	2634	2618	2618	2605	2584	2575	2566	2554	2543	2535	2527	2512	2492	2469	2457
6	499	430	477	454	470	477	463	467	465	461	461	460	465	466	464	458
7	460	504	434	482	459	468	475	461	465	463	459	459	462	470	468	466
8	432	451	494	425	472	454	463	470	456	460	461	457	457	460	468	466
Total: 7-8	892	955	928	907	931	922	938	931	921	923	920	916	919	930	936	932
9	380	436	456	499	429	479	461	470	477	461	465	466	464	464	467	475
10	453	376	432	451	494	425	474	456	465	472	456	463	464	462	462	465
11	421	448	372	428	446	489	421	469	451	460	467	454	461	462	460	460
12	401	417	444	368	424	442	484	417	464	446	455	462	449	456	457	455
SP	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Total: 9-12	1658	1680	1707	1749	1796	1838	1843	1815	1860	1842	1846	1848	1841	1847	1849	1858
Total: K-12	5707	5771	5802	5800	5874	5893	5891	5851	5872	5841	5834	5823	5809	5807	5790	5777
Change		64	31	-2	74	19	-2	-40	21	-31	-7	-11	-14	-2	-17	-13
%Change		1.1%	0.5%	0.0%	1.3%	0.3%	0.0%	-0.7%	0.4%	-0.5%	-0.1%	-0.2%	-0.2%	0.0%	-0.3%	-0.2%
Total: K-5	2586	2634	2618	2618	2605	2584	2575	2566	2554	2543	2535	2527	2512	2492	2469	2457
Change		48	-16	0	-13	-21	-9	-9	-12	-11	-8	-8	-15	-20	-23	-12
%Change		1.9%	-0.6%	0.0%	-0.5%	-0.8%	-0.3%	-0.3%	-0.5%	-0.4%	-0.3%	-0.3%	-0.6%	-0.8%	-0.9%	-0.5%
Total: 6	499	430	477	454	470	477	463	467	465	461	461	460	465	466	464	458
Change		-69	47	-23	16	7	-14	4	-2	-4	0	-1	5	1	-2	-6
%Change		-14%	10.9%	-4.8%	3.5%	1.5%	-2.9%	0.9%	-0.4%	-0.9%	0.0%	-0.2%	1.1%	0.2%	-0.4%	-1.3%
Total: 7-8	892	955	928	907	931	922	938	931	921	923	920	916	919	930	936	932
Change		63	-27	-21	24	-9	16	-7	-10	2	-3	-4	3	11	6	-4
%Change		7.1%	-2.8%	-2.3%	2.6%	-1.0%	1.7%	-0.7%	-1.1%	0.2%	-0.3%	-0.4%	0.3%	1.2%	0.6%	-0.4%
Total: 9-12	1658	1680	1707	1749	1796	1838	1843	1815	1860	1842	1846	1848	1841	1847	1849	1858
Change		22	27	42	47	42	5	-28	45	-18	4	2	-7	6	2	9
%Change		1.3%	1.6%	2.5%	2.7%	2.3%	0.3%	-1.5%	2.5%	-1.0%	0.2%	0.1%	-0.4%	0.3%	0.1%	0.5%

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

Needham Public Schools Demographic Study –December 2019

Broadmeadow Elementary: Total Enrollment

	2019-20	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
K	77	86	86	85	84	84	83	82	81	80	79	79	78	78	77	78
1	102	86	89	89	88	87	87	86	85	84	82	81	81	80	80	79
2	84	105	89	92	92	91	90	90	89	88	87	84	84	84	83	83
3	95	86	107	91	95	95	94	94	94	93	92	90	88	88	87	86
4	97	96	87	108	92	96	96	93	93	93	92	93	91	89	89	88
5	93	98	97	88	109	93	97	95	92	92	92	93	94	92	90	90
Total K-5	548	557	555	553	560	546	547	540	534	530	524	520	516	511	506	504
Total K-5	548	557	555	553	560	546	547	540	534	530	524	520	516	511	506	504
Change %		9	-2	-2	7	-14	1	-7	-6	-4	-6	-4	-4	-5	-5	-2
Change		1.6%	-0.4%	-0.4%	1.3%	-2.5%	0.2%	-1.3%	-1.1%	-0.7%	-1.1%	-0.8%	-0.8%	-1.0%	-1.0%	-0.4%

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

Eliot Elementary: Total Enrollment

	2019-20	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
K	64	70	70	69	69	69	72	77	77	76	75	74	73	72	71	70
1	67	71	72	72	71	71	70	73	76	76	75	74	73	72	71	70
2	75	70	74	74	73	72	72	73	76	79	79	78	76	74	73	72
3	61	77	72	75	75	74	73	75	76	79	82	82	80	78	75	74
4	73	63	79	73	76	76	75	76	77	79	82	85	83	81	79	76
5	72	74	64	80	74	77	77	77	78	80	82	85	86	84	82	80
Total K-5	412	425	431	443	438	439	439	451	460	469	475	478	471	461	451	442
Total K-5	412	425	431	443	438	439	439	451	460	469	475	478	471	461	451	442
Change %		13	6	12	-5	1	0	12	9	9	6	3	-7	-10	-10	-9
Change		3.2%	1.4%	2.8%	-1.1%	0.2%	0.0%	2.7%	2.0%	2.0%	1.3%	0.6%	-1.5%	-2.1%	-2.2%	-2.0%

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

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Sunita Williams Elementary: Total Enrollment

	2019-20	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
K	83	83	82	82	82	81	80	79	79	78	78	77	77	76	76	77
1	80	87	86	85	85	84	83	82	81	81	80	80	79	79	78	78
2	92	83	90	89	88	88	87	85	84	83	84	83	83	82	82	81
3	93	93	84	91	90	90	90	89	87	86	85	86	86	86	85	85
4	92	94	94	85	92	91	91	91	90	88	89	88	89	89	89	88
5	78	93	95	95	86	94	93	93	93	92	90	91	92	93	93	93
Total K-5	518	533	531	527	523	528	524	519	514	508	506	505	506	505	503	502
Total K-5	518	533	531	527	523	528	524	519	514	508	506	505	506	505	503	502
Change %		15	-2	-4	-4	5	-4	-5	-5	-6	-2	-1	1	-1	-2	-1
Change		2.9%	-0.4%	-0.8%	-0.8%	1.0%	-0.8%	-1.0%	-1.0%	-1.2%	-0.4%	-0.2%	0.2%	-0.2%	-0.4%	-0.2%

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

Mitchell Elementary: Total Enrollment

	2019-20	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
K	83	83	82	82	82	81	80	79	79	78	78	77	77	76	76	77
1	80	87	86	85	85	84	83	82	81	81	80	80	79	79	78	78
2	92	83	90	89	88	88	87	85	84	83	84	83	83	82	82	81
3	93	93	84	91	90	90	90	89	87	86	85	86	86	86	85	85
4	92	94	94	85	92	91	91	91	90	88	89	88	89	89	89	88
5	78	93	95	95	86	94	93	93	93	92	90	91	92	93	93	93
Total K-5	518	533	531	527	523	528	524	519	514	508	506	505	506	505	503	502
Total K-5	518	533	531	527	523	528	524	519	514	508	506	505	506	505	503	502
Change %		15	-2	-4	-4	5	-4	-5	-5	-6	-2	-1	1	-1	-2	-1
Change		2.9%	-0.4%	-0.8%	-0.8%	1.0%	-0.8%	-1.0%	-1.0%	-1.2%	-0.4%	-0.2%	0.2%	-0.2%	-0.4%	-0.2%

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

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Newman Elementary: Total Enrollment

	2019-20	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
K	101	101	100	99	98	96	95	94	93	92	94	92	91	91	90	92
1	104	105	104	103	102	101	99	98	97	96	95	95	93	92	92	91
2	120	105	108	107	106	105	104	102	101	100	99	98	99	97	96	96
3	97	121	106	109	109	108	107	106	104	103	102	102	101	102	100	99
4	107	98	122	107	111	111	110	109	108	106	105	104	104	103	104	102
5	95	108	99	123	108	113	113	112	111	110	108	107	106	106	105	106
Total K-5	624	638	639	648	634	634	628	621	614	607	603	598	594	591	587	586
Total K-5	624	638	639	648	634	634	628	621	614	607	603	598	594	591	587	586
Change %		14	1	9	-14	0	-6	-7	-7	-7	-4	-5	-4	-3	-4	-1
Change		2.2%	0.2%	1.4%	-2.2%	0.0%	-0.9%	-1.1%	-1.1%	-1.1%	-0.7%	-0.8%	-0.7%	-0.5%	-0.7%	-0.2%

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

High Rock: Total Enrollment

	2019-20	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
6	499	430	477	454	470	477	463	467	465	461	461	460	465	466	464	458
Total 6	499	430	477	454	470	477	463	467	465	461	461	460	465	466	464	458
Total 6	499	430	477	454	470	477	463	467	465	461	461	460	465	466	464	458
Change %		-20	-22	24	-7	7	-14	4	-2	-4	0	-1	5	1	-2	-6
Change		-4.4%	-4.4%	5.6%	-1.5%	1.5%	-2.9%	0.9%	-0.4%	-0.9%	0.0%	-0.2%	1.1%	0.2%	-0.4%	-1.3%

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

Needham Public Schools Demographic Study –December 2019

Pollard Middle School: Total Enrollment

	2019-20	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
7	460	504	434	482	459	468	475	461	465	463	459	459	462	470	468	466
8	432	451	494	425	472	454	463	470	456	460	461	457	457	460	468	466
Total: 7-8	892	955	928	907	931	922	938	931	921	923	920	916	919	930	936	932
Total: 7-8	892	955	928	907	931	922	938	931	921	923	920	916	919	930	936	932
Change %		63	36	-48	24	-9	16	-7	-10	2	-3	-4	3	11	6	-4
Change		7.1%	-2.8%	-2.3%	2.6%	-1.0%	1.7%	-0.7%	-1.1%	0.2%	-0.3%	-0.4%	0.3%	1.2%	0.6%	-0.4%

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

Needham High School: Total Enrollment

	2019-20	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
9	380	436	456	499	429	479	461	470	477	461	465	466	464	464	467	475
10	453	376	432	451	494	425	474	456	465	472	456	463	464	462	462	465
11	421	448	372	428	446	489	421	469	451	460	467	454	461	462	460	460
12	401	417	444	368	424	442	484	417	464	446	455	462	449	456	457	455
Total: 9-12	1655	1677	1704	1746	1793	1835	1840	1812	1857	1839	1843	1845	1838	1844	1846	1855
Total: 9-12	1655	1677	1704	1746	1793	1835	1840	1812	1857	1839	1843	1845	1838	1844	1846	1855
Change %		22	27	42	47	42	5	-28	45	-18	4	2	-7	6	2	9
Change		1.3%	1.6%	2.5%	2.7%	2.3%	0.3%	-1.5%	2.5%	-1.0%	0.2%	0.1%	-0.4%	0.3%	0.1%	0.5%

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