



Newton Public Schools, MA

Demographic Study Report

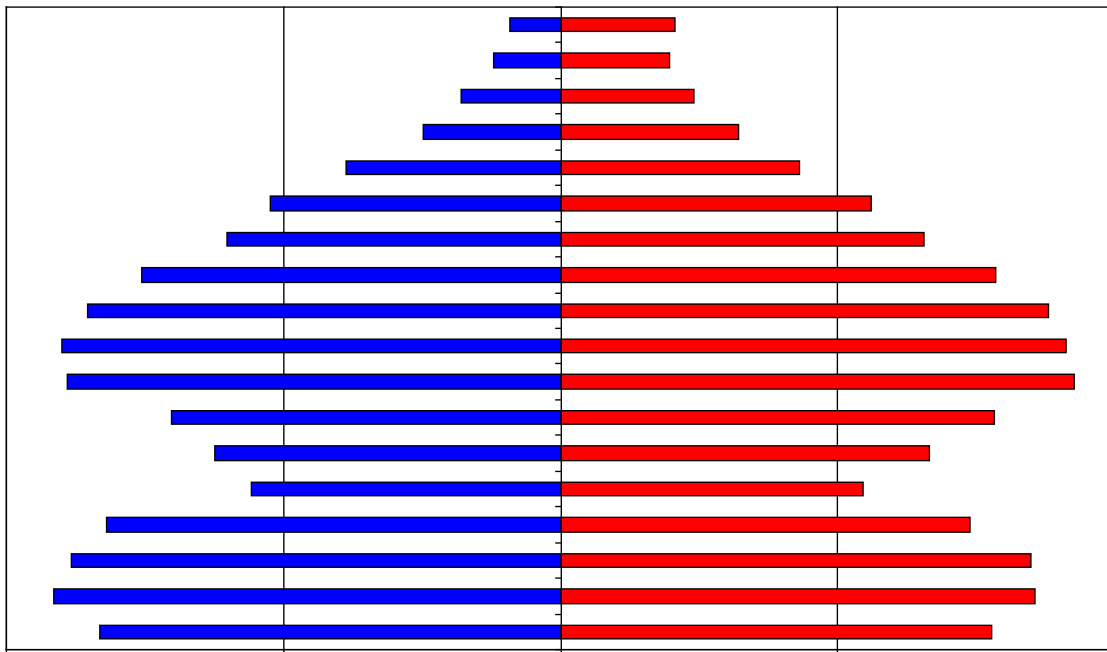




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Executive Summary

1. The resident total fertility rate for the Newton Public Schools over the life of the forecasts is below replacement level. (1.68 vs. the replacement level of 2.1) The district's TFR would be at 1.91 if the college students were excluded.
2. Most non-college in-migration to the district continues to occur in the 0-to-9 and 25-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 and will increase steadily over the next 10 years. The second largest migration outflow is in the 70+ age groups.
4. The primary factors causing the district's enrollment to stabilize over the next 10 years are the substantial increase in empty nest households, the relatively low number of elderly housing units turning over coupled with a flat rate of in migration of young families.
5. Changes in year-to-year enrollment over the next ten years will primarily be due to small cohorts entering and moving through the school system in conjunction with larger cohorts leaving the system.
6. The elementary enrollment will slowly increase after the 2022-23. This is due primarily to the planned construction of 1,785 rental units coming on line beginning in 2022. This planned construction is from the 4 developments included in this study based on information from October 2018.
7. The middle school enrollment will sharply increase until the 2020-21. This is due primarily to the current temporary "wave" of enrollment in the late elementary grades.
8. The high school enrollment will begin to be affected by the aforementioned temporary wave in the 2021-22 school. This will result in an approximately 250 student increase in high school enrollment by 2025-26.
9. The median age of the district's population will increase from 40.5 in 2010 to 42.5 in 2030.
10. The dominant factor affecting the amount of population and enrollment change in the City of Newton is the rate, magnitude and price of existing home sales even if the city continues to have new housing construction over the next 10 years.
11. Total district enrollment is forecasted to increase by 83 students, or 0.7%, between 2018-19 and 2023-24. Total enrollment will increase by 82 students, or 0.6%, from 2023-24 to 2028-29.



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 result 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 Newton 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 Newton Public Schools provided enrollments by grade and attendance center for the school years 2011-2012 to 2018-19. Birth and death data for the years 2000 through 2017 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.

Note: This forecast series was calculated using the school attendance boundaries and buffer zone designation that were in place as of September 1, 2018. Student assignment changes that were approved in October 2018 and buffer zone changes that were approved in November 2018 are not reflected in the forecast results.

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 700 of the over 32,000 current households in the district would have been included. For comparison 4,500 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 Newton 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 is 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 2033. 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 10 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 1.68 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 Newton 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.

However, the district's TFR is negatively impacted by the presence of over 6,000 college students. This large number of females in prime child bearing ages who live in the district for less than 5 years and rarely have children artificially lowers the district's fertility rate. If the college students are excluded from the population count the district's TFR rises to 1.91.

A close examination of data for the Newton 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 Newton Public Schools (and will change again over the next 10 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 Newton Public Schools) primarily consisting of younger adults and their children.

As the Middlesex 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 Newton Public Schools and its attendance areas will remain the same through the year 2028.

Below is a list of assumptions and issues that are specific to the Newton 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 Newton Public School 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. Interest rates have come off their historic lows and will not fluctuate more than one percentage point in the short term; the interest rate for a 30-year fixed home mortgage stays between 5.0% and 6.0% over the



- 10 year life of the forecasts;
- c. The rate of mortgage approval stays at 1999-2003 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 2005-2007 average of Middlesex County for any year in the forecasts;
 - f. All currently platted, and approved housing developments are built out and completed by 2027. All housing units constructed are occupied by 2028;
 - g. The unemployment rates for the Middlesex County and the Boston Metropolitan Area will remain below 4.5% for the 15 years of the forecasts;
 - h. The rate of students transferring into and out of the Newton Public Schools will remain at the 2011-12 to 2016-17 average;
 - i. The inflation rate for gasoline will stay below 5% per year for the 15 years of the forecasts;
 - j. The state of Massachusetts will not change any of its current laws regarding inter-district transfers, charter schools or school vouchers;
 - k. No charter school opens in the district or the immediate area any time over the next 10 years;
 - l. The City of Newton will average approximately 500 existing housing unit sales annually until 2028;
 - m. There will be no building moratorium within the district;
 - n. Businesses within the district and the Newton Public Schools area will remain viable;
 - o. 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;
 - p. 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;
 - q. The district will not experience any natural disasters over the next 10 years;
 - r. Private school and home school attendance rates will remain constant;
 - s. The rate of foreclosures for commercial property remains at the 2004-2008 average for Middlesex County;

Additionally, the forecasts assume that the following planning apartment constructions are built under the listed parameters.

- 1. Northland - 822 units built between 2023 and 2027 in the Countryside attendance area.
- 2. Chestnut Hill - 100 units built in 2024 in the Memorial Spalding attendance area.
- 3. Riverside - 663 units built between 2023 and 2026

- in the Williams attendance area.
- 4. Riverdale - 200 units built between 2025 and 2026 in the Lincoln-Eliot attendance area.

NOTE 1: The following impact calculations assume that 20% of the proposed housing units will be designated as affordable units.

NOTE 2: In most cases, when new multifamily housing units come on line, they usually attract households with either pre-school age children, early elementary or no children at all. High school students are typically not seen in these units until the resident students age into grades 9-12. Because this forecast series only goes out to the 2028-29 school year and most of these planned apartment complexes aren't completely on line until the end of the forecasts, the high school yield is negligible. However, if the analysis is carried forward to 2035, the high school yield factors will increase. For example, in the Northland complex in 2035, there would be approximately 22 high school age students living there.

In total, these units should have an immediate impact of 180 to 200 school age students over 5 years (2023-2027) in four attendance areas. An additional 180 to 200 pre-school age students will age into these four attendance areas in the 2025 to 2030 time period.

It should be noted that new apartment developments rarely have a significant impact on high school enrollment. Typically, the households that move in that have children, have them in the elementary or pre-school ages. The impact on high school enrollment frequently comes when those children age into the 9th through 12th grades. Since most of these units are not coming on line until late in the forecast series, there is little impact on the high school grades. If the student impact tables were extended out to 2025 and 2040, there would be a measurable yield factor for the high school grades.

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 (particularly given the 30 year fixed interest rate is now above 5% for the first time in eight years) 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 Newton 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.

**Chestnut Hill Square Enrollment Impact Apartments
(100 units total, build out by 2025)**

	Yield Factor-2025	2022-26 School Year	Yield Factor-2030	2030-31 School Year
Preschool Students	0.06	6	0.07	7
K-5 Students	0.05	5	0.09	9
6-8 Students	0.02	2	0.03	3
9-12 Students	Neg.	0	Neg.	0
Total K-12 Students		7		12

**Northland Enrollment Impact Apartments
(822 Total, 421 units by 2025, build out by 2029)**

	Yield Factor-2025	2025-26 School Year	Yield Factor-2030	2030-31 School Year
Preschool Students	0.05	21	0.05	41
K-5 Students	0.03	13	0.08	66
6-8 Students	0.01	4	0.03	25
9-12 Students	Neg.	0	Neg.	0
Total K-12 Students		17		91

**Riverside Enrollment Impact Apartments
(225 by 2025, 663 by 2028 build out)**

	Yield Factor-2025	2025-26 School Year	Yield Factor-2030	2030-31 School Year
Preschool Students	0.07	16	0.08	53
K-5 Students	0.04	9	0.09	60
6-8 Students	0.01	2	0.02	13
9-12 Students	Neg.	0	Neg.	0
Total K-12 Students		11		73

**Riverdale Enrollment Impact Apartments
(200 by 2028 build out)**

	Yield Factor-2030	2030-31 School Year
Preschool Students	0.07	14
K-5 Students	0.05	10
6-8 Students	0.01	2
9-12 Students	Neg.	0
Total K-12 Students		12

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 base-year population (here, the 2010 Census population for Newton Public Schools);
- a set of age-specific fertility rates for the district and the attendance areas to be used over the forecast period;
- a set of age-specific survival (mortality) rates for the district and the attendance areas;
- a set of age-specific migration rates for the district and the attendance areas, and;
- 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 Newton 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 Newton 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 Newton 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



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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 Newton 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 and 2025 to 2030 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: Supplemental Tables

Table 1: Forecasted District Total Population Change, 2010 to 2020

	2010	2015	2010-2015 Change	2020	2015-2020 Change	2010-2020 Change
ANGIER	6,790	6,770	-0.3%	6,810	0.6%	0.3%
BOWEN	7,573	7,560	-0.2%	7,600	0.5%	0.4%
BURR	4,043	4,200	3.9%	4,360	3.8%	7.8%
CABOT	6,666	6,780	1.7%	6,870	1.3%	3.1%
COUNTRYSIDE	6,494	6,590	1.5%	6,660	1.1%	2.6%
FRANKLIN	4,490	4,590	2.2%	4,710	2.6%	4.9%
HORACE MANN	6,584	6,670	1.3%	6,740	1.0%	2.4%
LINCOLN-ELIOT	5,276	5,330	1.0%	5,670	6.4%	7.5%
MASON-RICE	4,751	4,850	2.1%	4,950	2.1%	4.2%
MEMORIAL-SPAULDING	6,916	6,910	-0.1%	6,880	-0.4%	-0.5%
PEIRCE	4,152	4,150	0.0%	4,090	-1.4%	-1.5%
UNDERWOOD	4,884	5,030	3.0%	5,100	1.4%	4.4%
WARD	7,152	7,240	1.2%	7,360	1.7%	2.9%
WILLIAMS	4,059	3,920	-3.4%	4,020	2.6%	-1.0%
ZERVAS	5,316	5,460	2.7%	5,580	2.2%	5.0%
DISTRICT TOTAL	85,146	86,050	1.1%	87,400	1.6%	2.6%

Table 2: Household Characteristics by Elementary Area, 2010 Census

	HH w/ Pop Under 18	% HH w/ Pop Under 18	Total Households	Household Population	Persons Per Household
ANGIER	877	33.1%	2,653	6,614	2.49
BOWEN	907	28.4%	3,194	7,399	2.32
BURR	582	37.4%	1,555	4,043	2.60
CABOT	814	35.8%	2,274	5,771	2.54
COUNTRYSIDE	903	34.2%	2,638	6,493	2.46
FRANKLIN	577	32.6%	1,770	4,475	2.53
HORACE MANN	865	32.7%	2,648	6,445	2.43
LINCOLN-ELIOT	579	25.1%	2,306	5,240	2.27
MASON-RICE	645	36.7%	1,757	4,745	2.70
MEMORIAL-SPAULDING	829	37.4%	2,216	6,040	2.73
PEIRCE	570	36.0%	1,580	4,079	2.58
UNDERWOOD	565	27.5%	2,053	4,814	2.35
WARD	491	35.3%	1,393	3,787	2.72
WILLIAMS	373	31.4%	1,188	2,790	2.35
ZERVAS	750	38.6%	1,944	5,309	2.73
DISTRICT TOTAL	10,326	33.1%	31,168	78,043	2.50



Table 3: Householder Characteristics by Elementary Area, 2010 Census

	Percentage of Householders aged 35-54	Percentage of Householders aged 65+	Percentage of Householders Who Own Homes
ANGIER	37.8%	30.1%	71.0%
BOWEN	33.4%	34.9%	66.4%
BURR	46.0%	20.6%	65.7%
CABOT	41.7%	22.8%	67.5%
COUNTRYSIDE	40.4%	28.3%	69.5%
FRANKLIN	42.3%	22.3%	69.6%
HORACE MANN	40.8%	23.4%	59.3%
LINCOLN-ELIOT	37.6%	23.3%	42.1%
MASON-RICE	37.8%	27.5%	83.2%
MEMORIAL-SPAULDING	42.1%	30.5%	92.8%
PEIRCE	38.6%	32.2%	69.8%
UNDERWOOD	37.2%	23.4%	60.7%
WARD	37.1%	24.6%	83.7%
WILLIAMS	41.0%	28.4%	54.1%
ZERVAS	44.1%	21.5%	80.0%
DISTRICT TOTAL	39.5%	26.6%	68.6%

Table 4: Percentage of Households that are Single Person Households and Single Person Households that are over age 65 by Elementary School Area , 2010 Census

	Percentage of Single Person Households	Percentage of Single Person Households and are 65+
ANGIER	26.1%	14.7%
BOWEN	31.2%	17.7%
BURR	24.2%	8.8%
CABOT	24.4%	9.4%
COUNTRYSIDE	25.6%	12.9%
FRANKLIN	24.2%	9.0%
HORACE MANN	29.4%	10.6%
LINCOLN-ELIOT	34.4%	13.2%
MASON-RICE	17.4%	8.8%
MEMORIAL-SPAULDING	17.7%	10.3%
PEIRCE	25.0%	14.9%
UNDERWOOD	31.0%	11.0%
WARD	17.3%	6.5%
WILLIAMS	33.0%	16.4%
ZERVAS	17.3%	6.5%
DISTRICT TOTAL	25.6%	11.7%



Table 5: Elementary Enrollment (K-5), 2018, 2023, 2028

	2018	2023	2018-2023 Change	2028	2023-2028 Change	2018-2028 Change
ANGIER	504	551	9.3%	519	-5.8%	3.0%
BOWEN	398	351	-11.8%	353	0.6%	-11.3%
BURR	385	376	-2.3%	375	-0.3%	-2.6%
CABOT	386	406	5.2%	371	-8.6%	-3.9%
COUNTRYSIDE	413	387	-6.3%	494	27.6%	19.6%
FRANKLIN	427	375	-12.2%	361	-3.7%	-15.5%
HORACE MANN	399	388	-2.8%	376	-3.1%	-5.8%
LINCOLN-ELIOT	367	365	-0.5%	409	12.1%	11.4%
MASON-RICE	487	376	-22.8%	360	-4.3%	-26.1%
MEMORIAL-SPAULDING	464	406	-12.5%	431	6.2%	-7.1%
PEIRCE	270	282	4.4%	269	-4.6%	-0.4%
UNDERWOOD	290	294	1.4%	306	4.1%	5.5%
WARD	296	286	-3.4%	294	2.8%	-0.7%
WILLIAMS	278	325	16.9%	399	22.8%	43.5%
ZERVAS	427	474	11.0%	479	1.1%	12.2%
DISTRICT TOTAL	5,791	5,642	-2.6%	5,796	2.7%	0.1%



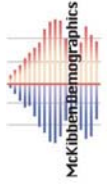
Table 6: Age Under One to Age Ten Population Counts, by Year of Age, by Elementary Area: 2010 Census

	Under 1 year	1 year	2 years	3 years	4 years	5 years	6 years	7 years	8 years	9 years	10 years
ANGIER	55	63	71	78	87	90	67	87	99	111	99
BOWEN	73	114	100	100	81	99	75	92	105	101	92
BURR	47	61	51	59	68	70	61	72	59	48	66
CABOT	57	70	67	68	73	77	84	82	82	107	94
COUNTRYSIDE	69	78	95	77	85	73	94	78	86	84	86
FRANKLIN	61	55	59	55	55	48	68	52	67	56	51
HORACE MANN	84	69	100	87	71	88	84	74	93	86	81
LINCOLN-ELIOT	58	58	55	60	46	68	48	60	38	44	62
MASON-RICE	46	55	48	60	64	73	68	87	76	74	80
MEMORIAL-SPAULDING	38	59	62	66	85	81	76	79	85	85	102
PEIRCE	39	44	47	48	50	57	62	74	70	76	76
UNDERWOOD	51	47	56	48	43	62	48	53	57	55	66
WARD	30	47	43	48	55	55	55	66	45	61	43
WILLIAMS	31	34	37	34	38	33	39	37	42	38	25
ZERVAS	54	70	74	73	68	85	72	71	87	95	71
DISTRICT TOTAL	792	925	964	959	967	1,056	1,001	1,064	1,092	1,120	1,093



Table 7: Comparison of District Resident Enrollment by Grade with 2010 Census Counts by Age, 2014-2018

2010 Census	Under 1 year	1 year	2 years	3 years	4 years	5 years	6 years	7 years	8 years	9 years	10 years	11 years	12 years	13 years
Newton Public Schools Total	792	925	964	959	967	1,056	1,001	1,064	1,092	1,120	1,093	1,016	1,040	1,086
2018 Enrollment	970	1,062	1,024	975	932	948	1,018	990	1,011	983				
	122.5%	114.8%	106.2%	101.7%	96.4%	89.8%	101.7%	93.0%	92.6%	87.8%				
2017 Enrollment	960	1,041	1,020	987	931	948	989	980	998	988	1,006			
	121.2%	112.5%	105.8%	102.9%	96.3%	89.8%	98.8%	92.1%	91.4%	88.2%	92.0%			
2016 Enrollment	943	1,042	1,005	976	950	961	972	927	992	976	1,007	925		
	119.1%	112.6%	104.3%	101.8%	98.2%	91.0%	97.1%	87.1%	90.8%	87.1%	92.1%	91.0%		
2015 Enrollment	877	1,005	992	977	949	985	963	912	943	945	973	937	946	
	110.7%	108.6%	102.9%	101.9%	98.1%	93.3%	96.2%	85.7%	86.4%	84.4%	89.0%	92.2%	91.0%	
2014 Enrollment		938	999	979	946	980	991	922	963	921	977	941	964	888
		101.4%	103.6%	102.1%	97.8%	92.8%	99.0%	86.7%	88.2%	82.2%	89.4%	92.6%	92.7%	81.8%
2013 Enrollment			958	977	945	982	993	944	978	932	939	954	941	888
			99.4%	101.9%	97.7%	93.0%	99.2%	88.7%	89.6%	83.2%	85.9%	93.9%	90.5%	81.8%





Appendix B: Population Forecasts

Newton Public Schools

Total	2010	2015	2020	2025	2030
0-4	4,497	4,380	4,300	4,270	4,030
5-9	5,290	4,930	4,830	4,900	4,930
10-14	5,336	5,430	5,060	4,950	5,040
15-19	8,017	8,260	8,280	7,920	7,850
20-24	5,594	5,620	5,900	5,910	5,870
25-29	4,147	3,680	3,730	4,010	4,160
30-34	4,121	4,880	4,390	4,480	4,790
35-39	4,935	4,860	5,630	5,150	5,130
40-44	5,820	5,320	5,240	6,020	5,410
45-49	6,433	5,850	5,350	5,220	5,950
50-54	6,188	6,410	5,780	5,280	5,160
55-59	6,132	6,030	6,220	5,690	5,170
60-64	5,657	5,910	5,840	6,040	5,500
65-69	3,608	5,190	5,400	5,260	5,510
70-74	2,589	3,110	4,690	4,800	4,650
75-79	2,164	2,250	2,720	3,990	4,060
80-84	2,130	1,690	1,850	2,200	3,200
85+	2,488	2,250	2,190	2,230	2,500
Total	85,146	86,050	87,400	88,320	88,910
Median Age	40.5	40.9	41.5	42.1	42.5

	2010 to 2015	2015 to 2020	2020 to 2025	2025 to 2030
Births	3,680	3,520	3,380	3,400
Deaths	3,960	3,980	4,250	4,640
Natural Increase	-280	-460	-870	-1,240
Net Migration	1,610	1,580	1,660	1,570
Change	1,330	1,120	790	330

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



Angier Elementary School

Total	2010	2015	2020	2025	2030
0-4	336	430	420	410	360
5-9	451	360	480	480	470
10-14	475	460	370	490	490
15-19	398	410	390	300	430
20-24	247	240	220	210	180
25-29	271	270	260	240	230
30-34	288	330	330	330	300
35-39	370	340	430	400	390
40-44	439	410	390	470	440
45-49	534	430	410	390	460
50-54	539	530	430	400	390
55-59	586	530	510	420	390
60-64	542	560	510	490	410
65-69	340	500	500	450	440
70-74	234	290	440	450	400
75-79	187	200	260	370	380
80-84	216	150	170	210	290
85+	339	330	290	270	270
Total	6,790	6,770	6,810	6,780	6,720
Median Age	46.1	46.6	46.4	45.8	45.8

	2010 to 2015	2015 to 2020	2020 to 2025	2025 to 2030
Births	290	270	260	240
Deaths	390	380	390	420
Natural Increase	-100	-110	-130	-180
Net Migration	100	120	110	100
Change	0	10	-20	-80

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



Bowen Elementary School

Total	2010	2015	2020	2025	2030
0-4	452	390	380	360	360
5-9	461	470	410	400	380
10-14	416	470	490	430	410
15-19	346	330	400	430	370
20-24	302	260	270	310	340
25-29	424	360	320	310	350
30-34	420	500	440	380	370
35-39	514	500	570	520	460
40-44	551	560	540	610	560
45-49	493	550	560	540	600
50-54	497	490	540	550	530
55-59	534	480	470	530	540
60-64	539	500	460	450	500
65-69	363	500	460	420	420
70-74	299	330	460	430	390
75-79	275	270	290	400	380
80-84	324	230	210	240	330
85+	368	370	330	300	290
Total	7,573	7,560	7,600	7,610	7,580
Median Age	44.1	44.5	44.8	45.5	46.6

	2010 to 2015	2015 to 2020	2020 to 2025	2025 to 2030
Births	380	360	340	340
Deaths	510	460	460	470
Natural Increase	-130	-100	-120	-130
Net Migration	130	120	110	100
Change	0	20	-10	-30

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



Burr Elementary School

Total	2010	2015	2020	2025	2030
0-4	275	220	230	210	220
5-9	327	300	240	250	230
10-14	281	340	310	250	260
15-19	202	220	280	240	200
20-24	159	130	160	210	180
25-29	228	220	190	220	260
30-34	229	290	280	260	270
35-39	295	300	350	350	310
40-44	362	320	320	380	370
45-49	363	360	320	320	380
50-54	308	360	350	320	320
55-59	278	300	350	350	320
60-64	242	270	300	340	340
65-69	151	210	230	260	310
70-74	111	110	180	200	220
75-79	91	100	110	150	180
80-84	68	70	80	90	120
85+	74	80	80	90	100
Total	4,043	4,200	4,360	4,490	4,590
Median Age	40.4	41.3	42.2	43.4	44.9

	2010 to 2015	2015 to 2020	2020 to 2025	2025 to 2030
Births	200	210	190	200
Deaths	150	160	180	200
Natural Increase	50	50	10	0
Net Migration	110	100	110	90
Change	160	150	120	90

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



Cabot Elementary School

Total	2010	2015	2020	2025	2030
0-4	336	300	300	280	270
5-9	407	350	310	320	300
10-14	429	420	360	320	330
15-19	1,174	1,110	1,090	1,030	920
20-24	254	360	290	280	310
25-29	254	270	380	310	300
30-34	272	300	320	430	360
35-39	374	330	360	380	480
40-44	443	420	370	410	420
45-49	525	440	420	370	410
50-54	429	520	430	410	370
55-59	485	420	510	430	410
60-64	476	470	410	490	410
65-69	267	450	450	390	460
70-74	152	240	420	410	360
75-79	121	130	210	370	360
80-84	120	100	110	180	290
85+	149	150	130	130	170
Total	6,666	6,780	6,870	6,940	6,930
Median Age	37.8	39.2	40.3	41.5	42.3

	2010 to 2015	2015 to 2020	2020 to 2025	2025 to 2030
Births	280	280	270	250
Deaths	250	270	300	360
Natural Increase	30	10	-30	-110
Net Migration	90	90	90	80
Change	120	100	60	-30

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



Countryside Elementary School

	2010	2015	2020	2025	2030
Total	6,494	6,590	6,660	6,810	7,010
0-4	403	350	370	440	400
5-9	418	420	370	420	500
10-14	409	440	430	390	450
15-19	388	340	340	330	280
20-24	248	260	200	280	270
25-29	300	290	300	250	400
30-34	297	410	350	440	510
35-39	389	410	510	450	500
40-44	475	440	450	510	450
45-49	549	470	430	450	490
50-54	541	540	460	430	440
55-59	503	530	530	460	420
60-64	449	490	510	510	440
65-69	303	390	460	430	430
70-74	223	240	370	380	340
75-79	206	190	220	270	270
80-84	203	170	160	170	220
85+	193	210	200	200	200
Median Age	44.2	44.3	45.1	44.0	42.2

	2010 to 2015	2015 to 2020	2020 to 2025	2025 to 2030
Births	250	250	260	280
Deaths	340	340	360	370
Natural Increase	-90	-90	-100	-90
Net Migration	180	170	260	290
Change	90	80	160	200

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



Franklin Elementary School

	2010	2015	2020	2025	2030
Total	4,490	4,590	4,710	4,880	4,970
0-4	283	260	250	240	240
5-9	288	300	280	270	260
10-14	270	300	310	290	280
15-19	241	230	260	270	260
20-24	180	180	170	200	220
25-29	283	280	280	260	290
30-34	310	320	320	310	290
35-39	334	330	340	340	330
40-44	323	330	330	340	340
45-49	393	320	330	320	340
50-54	379	390	310	330	320
55-59	328	370	380	310	310
60-64	276	310	360	370	300
65-69	158	260	300	340	350
70-74	135	130	230	270	310
75-79	104	120	120	210	240
80-84	92	50	100	100	170
85+	115	110	40	110	120
Median Age	40.9	41.4	42.2	43.8	44.6

	2010 to 2015	2015 to 2020	2020 to 2025	2025 to 2030
Births	220	210	210	210
Deaths	190	200	220	240
Natural Increase	30	10	-10	-30
Net Migration	100	100	90	90
Change	130	110	80	60

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



Horace Mann Elementary School

Total	2010	2015	2020	2025	2030
0-4	404	400	380	350	310
5-9	422	480	460	440	440
10-14	410	430	480	470	450
15-19	345	360	390	440	430
20-24	248	220	260	290	360
25-29	424	320	280	320	340
30-34	404	490	380	340	370
35-39	459	420	490	380	340
40-44	518	450	420	490	370
45-49	540	520	450	420	480
50-54	512	530	510	440	410
55-59	452	500	520	500	440
60-64	434	430	480	490	470
65-69	269	380	370	410	450
70-74	193	230	340	320	370
75-79	181	170	190	300	280
80-84	171	140	140	160	240
85+	198	200	200	180	190
Total	6,584	6,670	6,740	6,740	6,740
Median Age	41.7	42.4	43.0	43.5	44.5

	2010 to 2015	2015 to 2020	2020 to 2025	2025 to 2030
Births	300	260	230	240
Deaths	310	310	320	350
Natural Increase	-10	-50	-90	-110
Net Migration	120	100	100	90
Change	110	50	10	-20

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



Lincoln-Eliot Elementary School

	Total	2010	2015	2020	2025	2030
0-4	281	281	330	330	330	310
5-9	259	259	290	330	350	370
10-14	256	256	270	310	340	360
15-19	244	244	240	250	290	320
20-24	326	326	320	320	330	370
25-29	556	556	430	440	450	450
30-34	511	511	520	390	390	410
35-39	409	409	490	500	370	370
40-44	410	410	390	470	470	340
45-49	368	368	390	370	440	450
50-54	347	347	370	390	360	430
55-59	317	317	340	350	370	350
60-64	214	214	300	330	350	360
65-69	180	180	200	280	300	320
70-74	158	158	160	180	240	260
75-79	150	150	140	150	140	190
80-84	143	143	130	120	120	110
85+	146	146	20	160	150	150
Total	5,276	5,276	5,330	5,670	5,790	5,920
Median Age	37.5	37.5	37.7	39.7	40.5	40.0

	2010 to 2015	2015 to 2020	2020 to 2025	2025 to 2030
Births	330	310	290	300
Deaths	240	240	250	260
Natural Increase	90	70	40	40
Net Migration	90	100	110	100
Change	180	170	150	140

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



Mason-Rice Elementary School

Total	2010	2015	2020	2025	2030
0-4	253	250	220	220	210
5-9	376	300	280	240	240
10-14	363	380	300	270	240
15-19	292	310	330	260	270
20-24	122	150	230	210	190
25-29	165	140	170	250	240
30-34	174	260	240	250	300
35-39	244	240	330	290	280
40-44	345	270	260	380	310
45-49	383	340	260	260	380
50-54	387	380	340	260	260
55-59	432	370	370	330	250
60-64	442	420	370	360	320
65-69	276	420	400	350	340
70-74	172	260	390	370	320
75-79	136	150	230	340	320
80-84	98	110	130	180	280
85+	90	100	100	120	160
Total	4,751	4,850	4,950	4,940	4,910
Median Age	45.5	46.8	47.2	46.9	47.3

	2010 to 2015	2015 to 2020	2020 to 2025	2025 to 2030
Births	210	200	200	210
Deaths	220	240	280	330
Natural Increase	-10	-40	-80	-120
Net Migration	120	110	100	90
Change	110	70	20	-30

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



Memorial Spaulding Elementary School

Total	2010	2015	2020	2025	2030
0-4	286	260	260	250	230
5-9	408	330	300	300	290
10-14	503	420	340	310	310
15-19	863	820	740	650	630
20-24	593	590	550	450	380
25-29	181	230	230	250	210
30-34	179	240	290	280	310
35-39	295	250	300	350	360
40-44	456	390	340	400	410
45-49	552	520	450	370	420
50-54	567	580	550	450	370
55-59	497	550	570	550	440
60-64	438	480	530	550	530
65-69	312	410	450	500	520
70-74	222	290	380	420	460
75-79	189	200	250	340	360
80-84	197	160	160	200	270
85+	177	190	190	180	210
Total	6,916	6,910	6,880	6,800	6,710
Median Age	41.6	44.0	46.0	47.2	47.7

	2010 to 2015	2015 to 2020	2020 to 2025	2025 to 2030
Births	230	220	210	190
Deaths	330	340	360	400
Natural Increase	-100	-120	-150	-210
Net Migration	90	90	90	90
Change	-10	-30	-60	-120

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



Peirce Elementary School

Total	2010	2015	2020	2025	2030
0-4	229	200	180	180	180
5-9	324	290	260	240	220
10-14	356	340	300	260	240
15-19	241	320	300	270	240
20-24	101	130	210	200	190
25-29	125	110	140	220	220
30-34	154	160	150	170	250
35-39	203	200	200	190	200
40-44	295	200	200	200	190
45-49	351	300	200	190	200
50-54	326	350	290	190	190
55-59	346	310	330	280	190
60-64	307	340	310	330	280
65-69	227	290	310	280	310
70-74	159	210	260	290	260
75-79	127	140	190	230	250
80-84	108	100	120	150	190
85+	171	160	140	140	150
Total	4,152	4,150	4,090	4,010	3,950
Median Age	45.7	47.1	47.6	47.0	46.1

	2010 to 2015	2015 to 2020	2020 to 2025	2025 to 2030
Births	130	120	120	130
Deaths	230	230	250	270
Natural Increase	-100	-110	-130	-140
Net Migration	80	80	70	60
Change	-20	-30	-60	-80

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



Underwood Elementary School

	2010	2015	2020	2025	2030
Total	4,884	5,030	5,100	5,200	5,170
Median Age	41.2	41.8	43.0	44.1	46.3
0-4	253	240	240	240	200
5-9	267	300	260	280	280
10-14	301	280	310	270	300
15-19	254	280	220	260	230
20-24	222	210	220	160	200
25-29	420	250	230	240	180
30-34	328	470	310	310	300
35-39	322	360	530	390	370
40-44	319	340	380	550	390
45-49	399	310	340	370	540
50-54	353	400	310	330	370
55-59	371	340	380	310	330
60-64	347	360	330	380	290
65-69	218	330	330	310	340
70-74	152	200	300	280	260
75-79	106	140	180	250	240
80-84	111	80	110	140	200
85+	143	140	120	130	150

	2010 to 2015	2015 to 2020	2020 to 2025	2025 to 2030
Births	240	220	190	180
Deaths	220	230	250	280
Natural Increase	20	-10	-60	-100
Net Migration	120	110	120	100
Change	140	100	60	0

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



Ward Elementary School

Total	2010	2015	2020	2025	2030
0-4	212	180	200	220	260
5-9	288	210	180	200	220
10-14	269	280	210	180	200
15-19	1,987	2,140	2,150	2,080	2,050
20-24	1,756	1,760	1,920	1,930	1,860
25-29	158	150	160	310	340
30-34	135	180	170	180	330
35-39	216	200	240	240	250
40-44	252	240	220	270	260
45-49	293	250	230	210	260
50-54	317	290	240	230	210
55-59	338	310	280	240	230
60-64	333	330	300	280	240
65-69	203	290	290	260	240
70-74	143	160	250	240	230
75-79	110	110	140	210	200
80-84	67	90	90	110	170
85+	75	70	90	100	110
Total	7,152	7,240	7,360	7,490	7,660
Median Age	22.3	22.3	22.4	22.8	23.0

	2010 to 2015	2015 to 2020	2020 to 2025	2025 to 2030
Births	180	200	220	260
Deaths	180	190	210	230
Natural Increase	0	10	10	30
Net Migration	110	110	110	110
Change	110	120	120	140

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



Williams Elementary School

Total	2010	2015	2020	2025	2030
0-4	175	220	200	220	200
5-9	187	190	220	240	270
10-14	181	180	190	220	240
15-19	722	780	780	790	820
20-24	627	620	690	690	700
25-29	149	140	140	170	170
30-34	190	170	160	160	180
35-39	202	200	180	180	180
40-44	234	200	200	180	180
45-49	242	240	200	200	180
50-54	229	240	220	200	200
55-59	191	230	230	220	190
60-64	176	190	210	230	220
65-69	107	160	170	200	210
70-74	94	60	140	140	160
75-79	81	60	20	130	120
80-84	97	20	50	20	110
85+	1	20	20	20	100
Total	4,059	3,920	4,020	4,210	4,430
Median Age	29.6	24.8	24.5	24.6	24.9

	2010 to 2015	2015 to 2020	2020 to 2025	2025 to 2030
Births	200	170	170	170
Deaths	190	170	170	170
Natural Increase	10	0	0	0
Net Migration	80	80	80	80
Change	90	80	80	80

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



Zervas Elementary School

Total	2010	2015	2020	2025	2030
0-4	321	350	340	320	280
5-9	408	340	450	470	460
10-14	418	420	350	460	480
15-19	318	370	360	280	400
20-24	208	190	190	160	120
25-29	210	220	210	210	180
30-34	231	240	260	250	240
35-39	310	290	300	320	310
40-44	396	360	350	360	380
45-49	449	410	380	370	360
50-54	457	440	410	380	350
55-59	473	450	440	390	360
60-64	443	460	430	420	390
65-69	235	400	400	360	370
70-74	143	200	350	360	310
75-79	101	130	160	280	290
80-84	116	90	100	130	210
85+	78	100	100	110	130
Total	5,316	5,460	5,580	5,630	5,620
Median Age	42.9	44.3	44.7	44.8	44.5

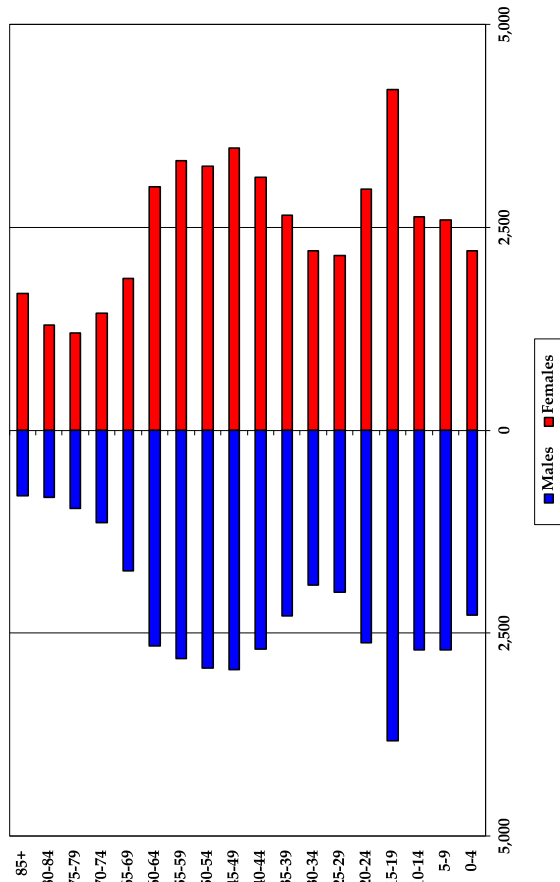
	2010 to 2015	2015 to 2020	2020 to 2025	2025 to 2030
Births	240	240	220	200
Deaths	210	220	250	290
Natural Increase	30	20	-30	-90
Net Migration	90	100	110	100
Change	120	120	80	10

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

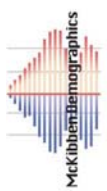
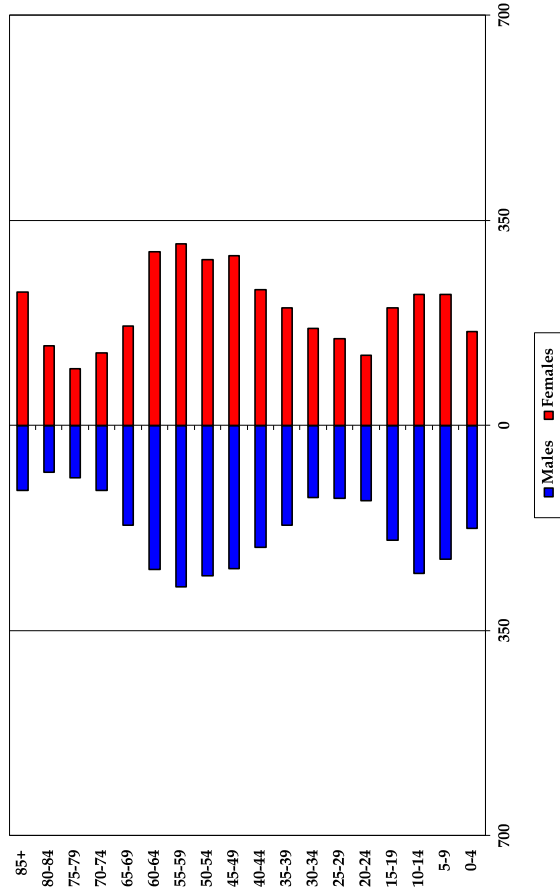


Appendix C: Population Pyramids

Newton Public Schools Total Population - 2010 Census

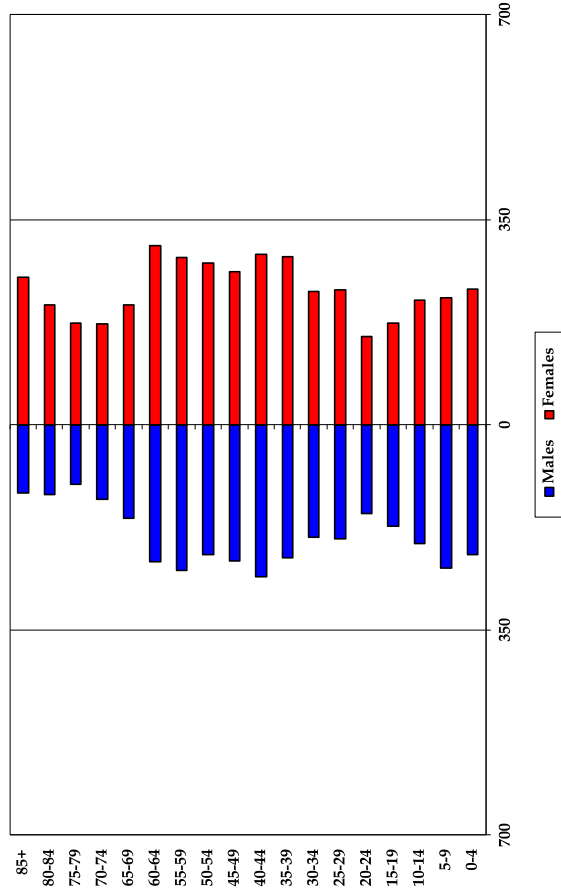


Angier Elementary School - 2010 Census

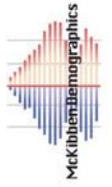
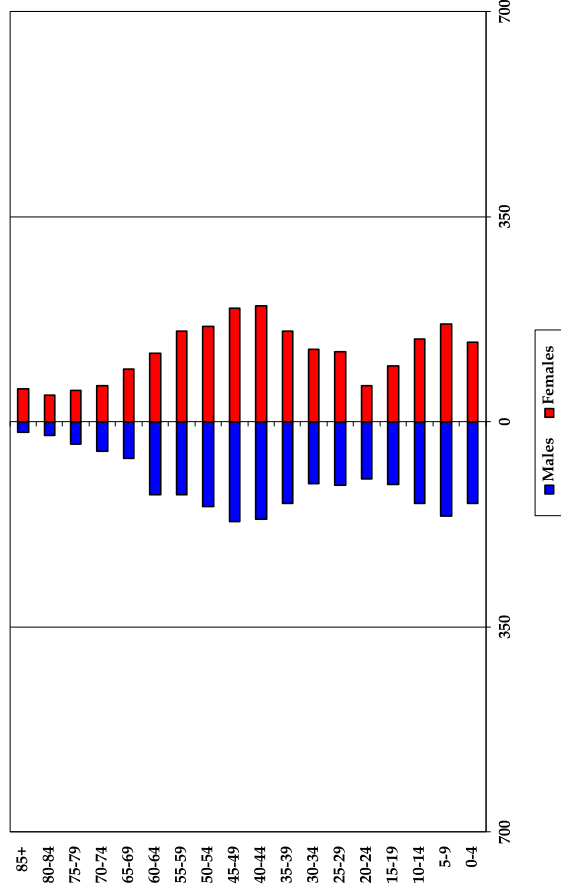




Bowen Elementary School - 2010 Census

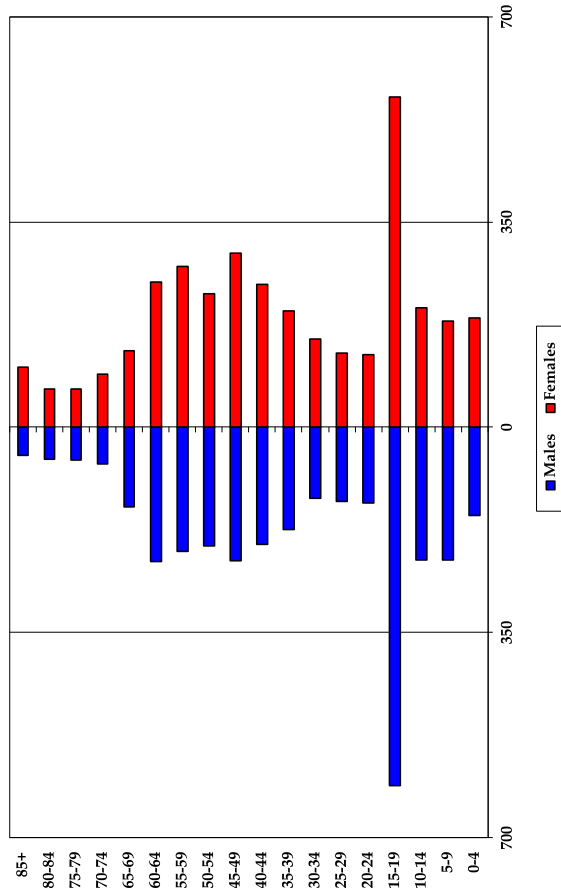


Burr Elementary School - 2010 Census

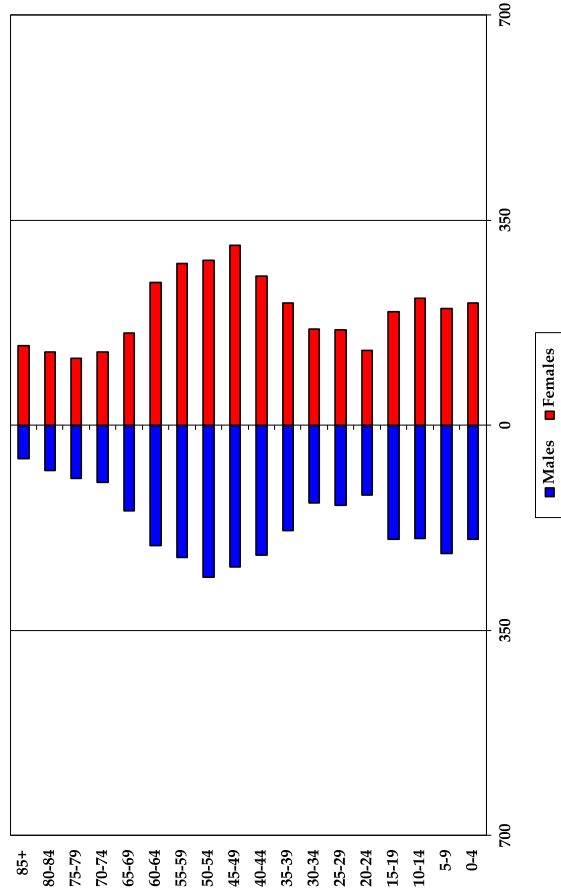




Cabot Elementary School – 2010 Census

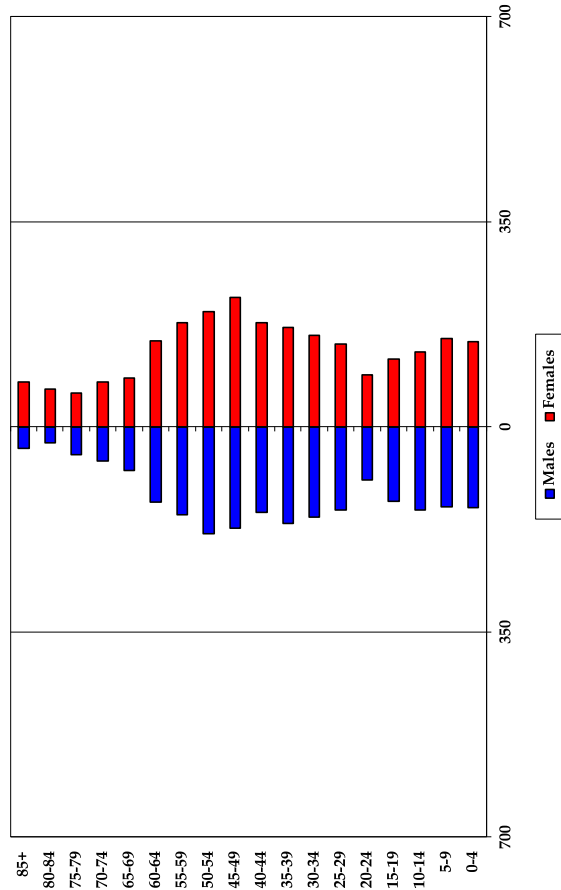


Countryside Elementary School – 2010 Census

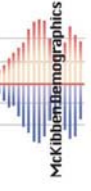
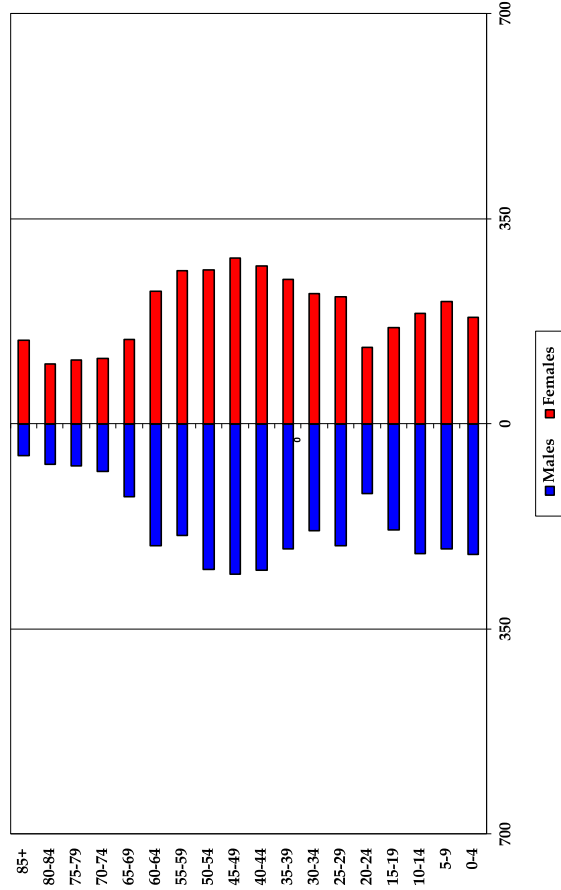




Franklin Elementary School - 2010 Census

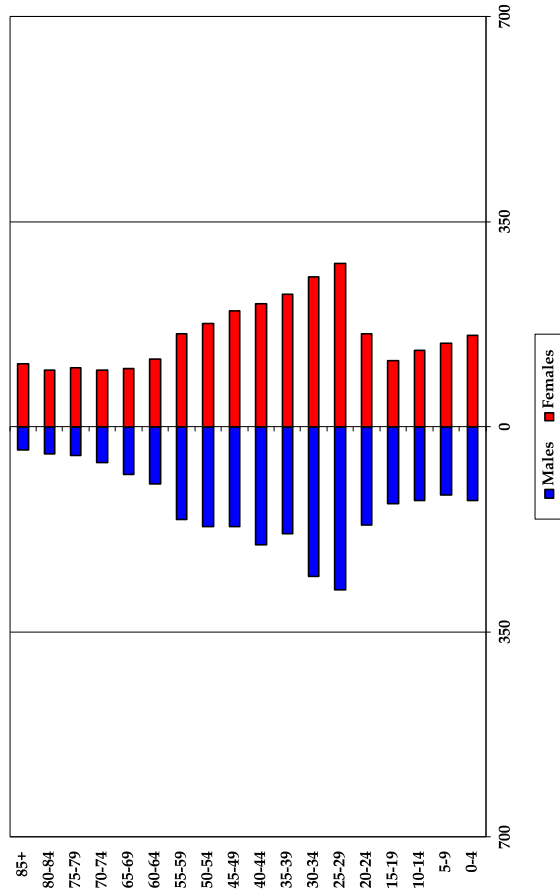


Horace Mann Elementary School - 2010 Census

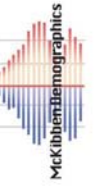
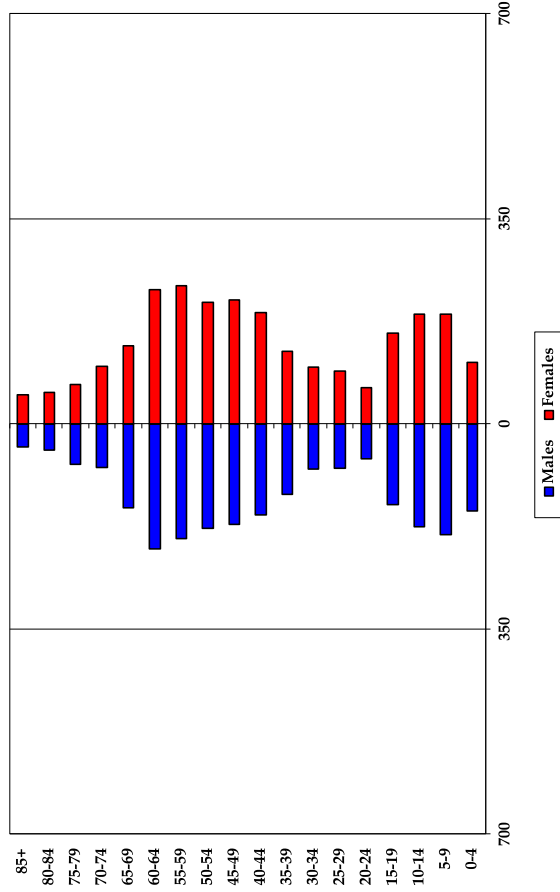




Lincoln-Eliot Elementary School - 2010 Census

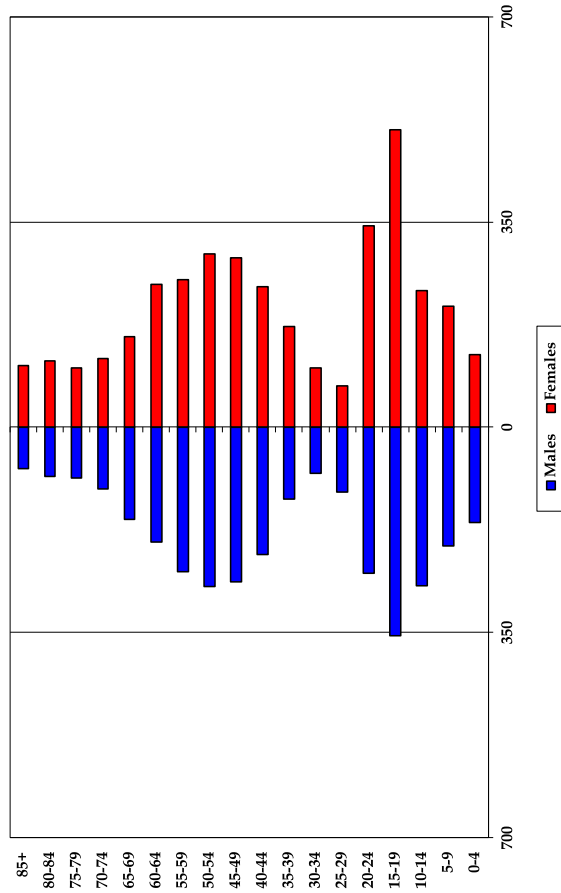


Mason-Rice Elementary School - 2010 Census

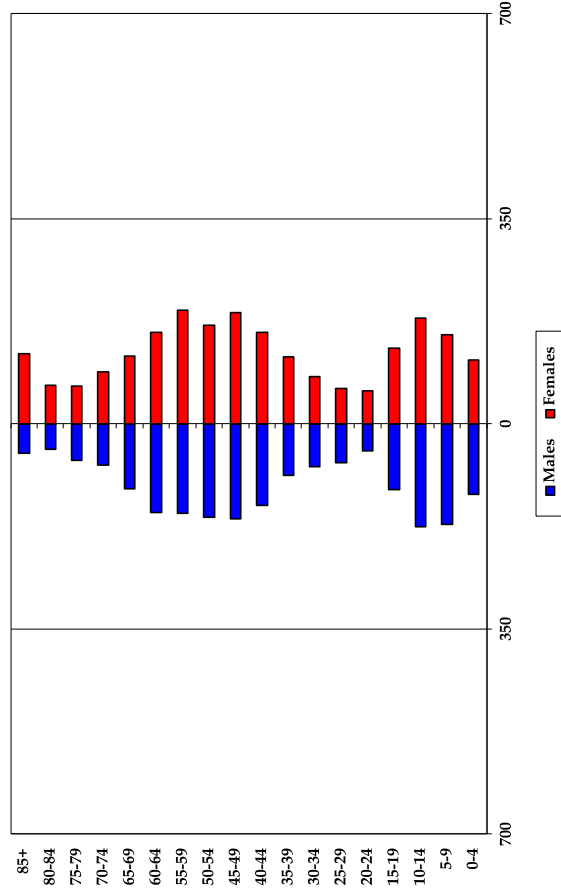




Memorial-Spaulding Elementary School - 2010 Census

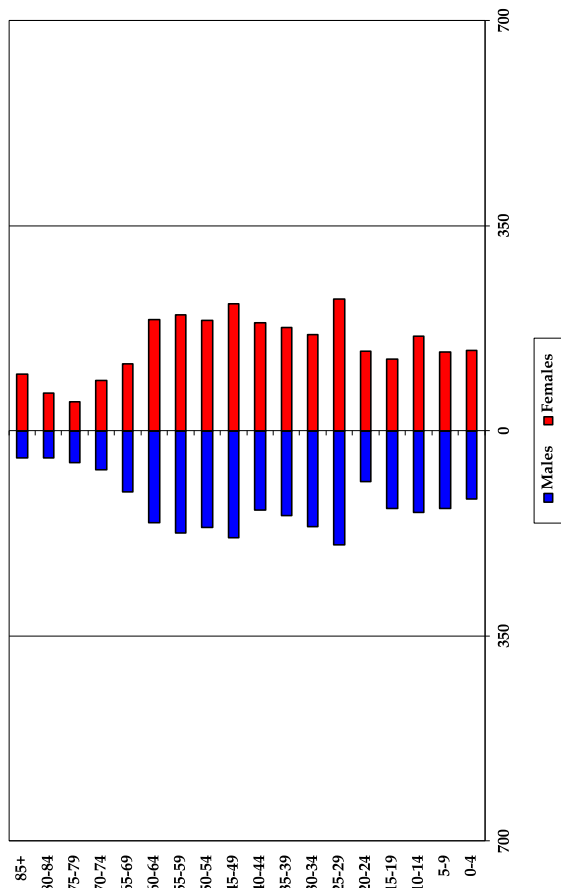


Peirce Elementary School - 2010 Census

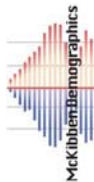
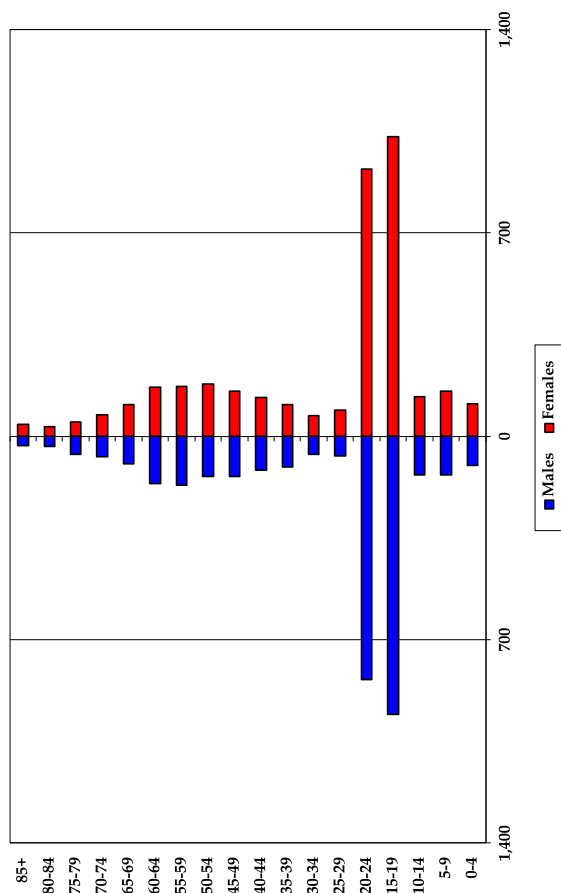




Underwood Elementary School – 2010 Census

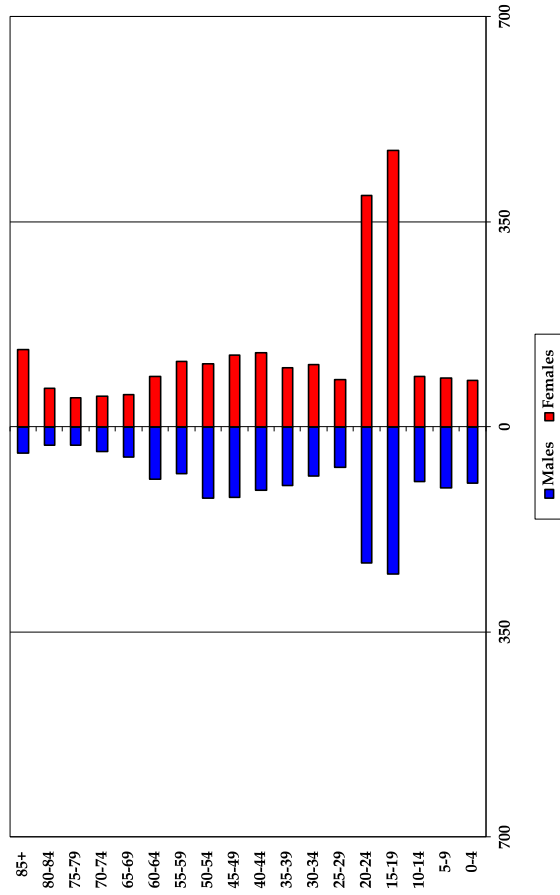


Ward Elementary School – 2010 Census

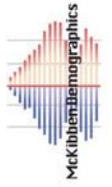
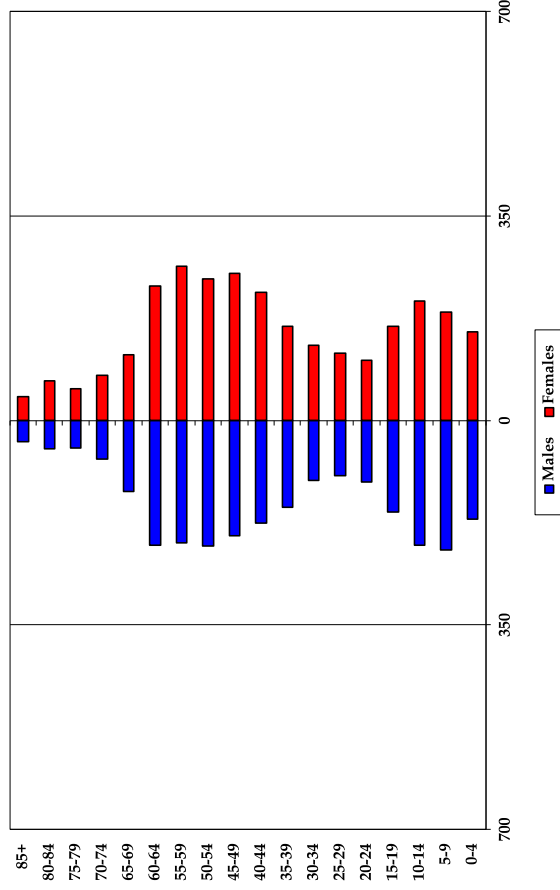




Williams Elementary School – 2010 Census



Zervas Elementary School – 2010 Census





Appendix D: Enrollment Forecasts

Newton Public Schools Total Enrollment

	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
K	895	934	958	938	877	885	850	848	863	858	867	871	875	883	878	890	890	889
1	940	936	977	999	1,005	943	966	909	908	918	914	912	916	920	929	923	922	921
2	956	966	945	979	992	1,042	960	978	923	924	945	943	941	945	949	966	960	960
3	923	981	982	946	977	1,005	1,041	970	985	928	942	963	962	962	967	974	993	985
4	1,017	938	993	980	949	976	1,020	1,062	977	995	948	959	980	982	993	1,000	1,000	1,019
5	937	1,021	944	991	985	950	987	1,024	1,063	978	1,007	958	968	990	993	1,002	1,015	1,022
Total: K-5	5,668	5,776	5,799	5,833	5,785	5,801	5,824	5,791	5,719	5,601	5,623	5,606	5,642	5,680	5,698	5,748	5,780	5,796
6	922	900	978	922	963	961	931	975	1,021	1,034	949	988	937	936	957	968	973	986
7	875	922	932	963	912	972	948	932	978	1,026	1,043	957	997	945	945	966	977	982
8	866	889	939	921	943	927	989	948	937	983	1,034	1,051	964	1,005	953	953	974	985
Total: 6-8	2,663	2,711	2,849	2,806	2,818	2,860	2,868	2,855	2,936	3,043	3,026	2,996	2,898	2,886	2,855	2,887	2,924	2,953
9	875	931	954	977	945	992	980	1,018	991	981	1,027	1,080	1,098	1,007	1,049	995	996	1,018
10	896	886	941	941	973	976	998	990	1,017	990	980	1,026	1,080	1,098	1,008	1,049	995	995
11	843	897	888	964	937	1,007	988	1,011	997	1,024	997	987	1,033	1,088	1,107	1,016	1,057	1,002
12	830	845	910	888	946	925	1,006	983	1,003	989	1,016	989	980	1,025	1,079	1,099	1,009	1,049
HSSP	124	102	100	94	104	96	86	61	61	61	61	61	61	61	61	61	61	61
Total: HS	3,568	3,661	3,793	3,864	3,905	3,996	4,058	4,063	4,069	4,045	4,081	4,143	4,252	4,279	4,304	4,220	4,118	4,125
Total: All	11,899	12,148	12,441	12,503	12,508	12,657	12,750	12,709	12,724	12,689	12,730	12,745	12,792	12,845	12,857	12,855	12,822	12,874
Total: All	11,899	12,148	12,441	12,503	12,508	12,657	12,750	12,709	12,724	12,689	12,730	12,745	12,792	12,845	12,857	12,855	12,822	12,874
Change	249	293	293	62	5	149	93	-41	15	-35	41	15	47	53	12	-2	-33	52
% Change	2.1%	2.4%	2.4%	0.5%	0.0%	1.2%	0.7%	-0.3%	0.1%	-0.3%	0.3%	0.1%	0.4%	0.4%	0.1%	0.0%	-0.3%	0.4%
Total: K-5	5,668	5,776	5,799	5,833	5,785	5,801	5,824	5,791	5,719	5,601	5,623	5,606	5,642	5,680	5,698	5,748	5,780	5,796
Change	108	23	23	34	-48	16	23	-33	-72	-118	22	-17	36	38	18	50	32	16
% Change	1.9%	0.4%	0.4%	0.6%	-0.8%	0.3%	0.4%	-0.6%	-1.2%	-2.1%	0.4%	-0.3%	0.6%	0.7%	0.3%	0.9%	0.6%	0.3%
Total: 6-8	2,663	2,711	2,849	2,806	2,818	2,860	2,868	2,855	2,936	3,043	3,026	2,996	2,898	2,886	2,855	2,887	2,924	2,953
Change	48	138	138	-43	12	42	8	-13	81	107	-17	-30	-98	-12	-31	32	37	29
% Change	1.8%	5.1%	5.1%	-1.5%	0.4%	1.5%	0.3%	-0.5%	2.8%	3.6%	-0.6%	-1.0%	-3.3%	-0.4%	-1.1%	1.1%	1.3%	1.0%
Total: HS	3,568	3,661	3,793	3,864	3,905	3,996	4,058	4,063	4,069	4,045	4,081	4,143	4,252	4,279	4,304	4,220	4,118	4,125
Change	93	132	132	71	41	91	62	5	6	-24	36	62	109	27	25	-84	-102	7
% Change	2.6%	3.6%	3.6%	1.9%	1.1%	2.3%	1.6%	0.1%	0.1%	-0.6%	0.9%	1.5%	2.6%	0.6%	0.6%	-2.0%	-2.4%	0.2%

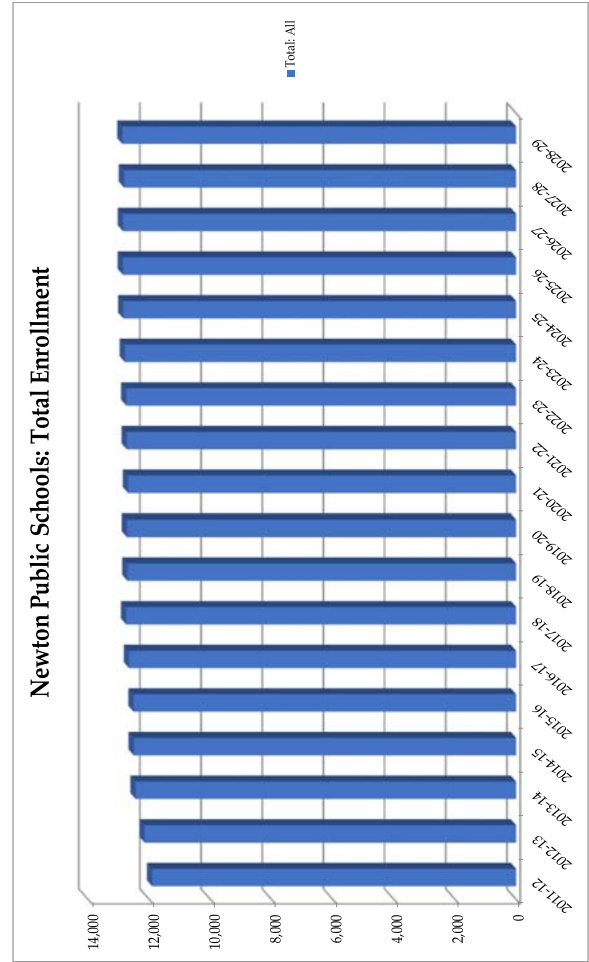
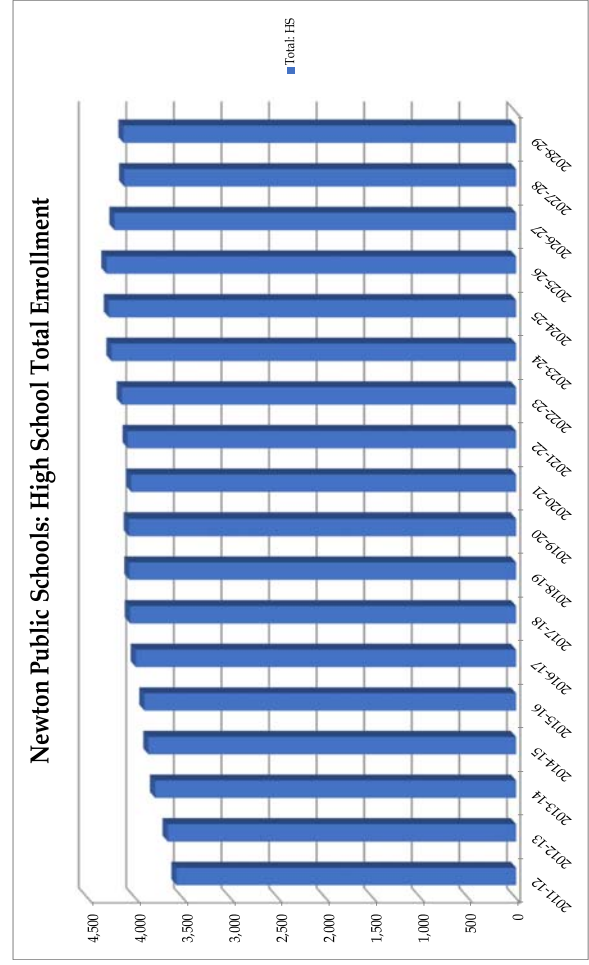
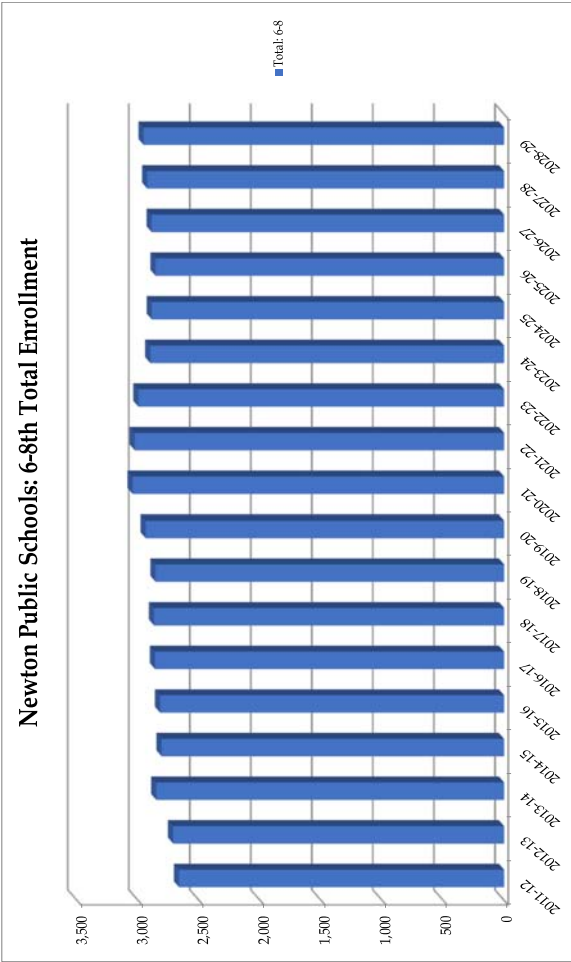
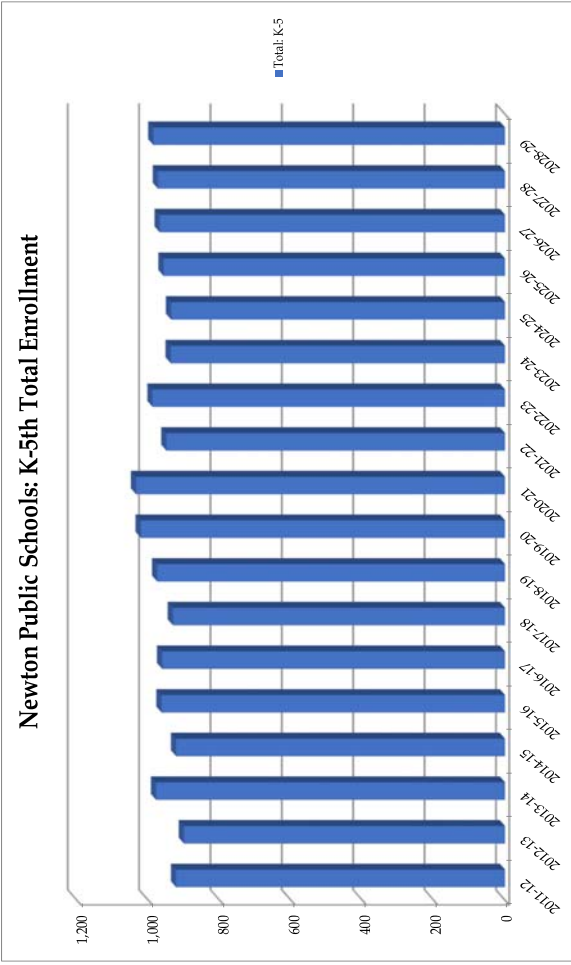
Forecasts developed December 2018

Green cells (2018-19 and earlier) are historical data

Blue cells (2019-2020 and later) are forecasted years



**NEWTON PUBLIC SCHOOLS, MA
DEMOGRAPHIC STUDY**



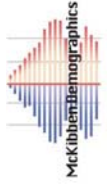
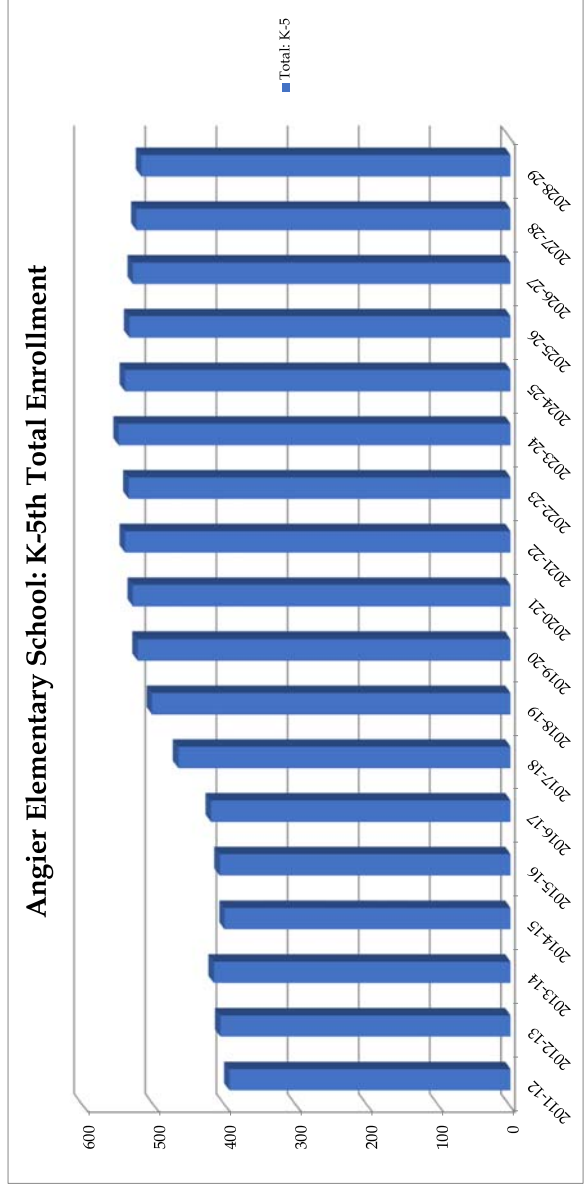


Angier Elementary School

	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
K	62	69	67	65	62	78	65	84	81	80	79	78	76	75	75	74	73	72
1	71	64	69	67	74	66	92	73	91	89	88	86	85	83	82	81	80	79
2	60	72	69	65	70	79	78	97	77	96	94	93	91	90	88	88	87	86
3	66	63	75	65	70	71	86	86	100	79	100	98	97	95	95	92	92	91
4	70	68	71	75	59	70	76	90	88	102	81	103	101	100	98	99	96	96
5	66	72	66	65	74	57	70	74	87	85	100	79	101	99	98	97	98	95
Total: K-5	395	408	417	402	409	421	467	504	524	531	542	537	551	542	536	531	526	519

Total: K-5	395	408	417	402	409	421	467	504	524	531	542	537	551	542	536	531	526	519
Change	13	9	-15	7	20	7	11	37	20	7	14	-5	-9	-6	-5	-5	-7	
% Change	3.29%	2.21%	-3.60%	1.74%	2.93%	10.93%	7.92%	3.97%	1.34%	2.07%	-0.92%	2.61%	-1.63%	-1.11%	-0.93%	-0.94%	-1.33%	

Forecasts developed December 2018
 Green cells (2018-19 and earlier) are historical data
 Blue cells (2019-2020 and later) are forecasted years



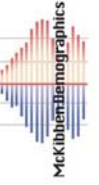
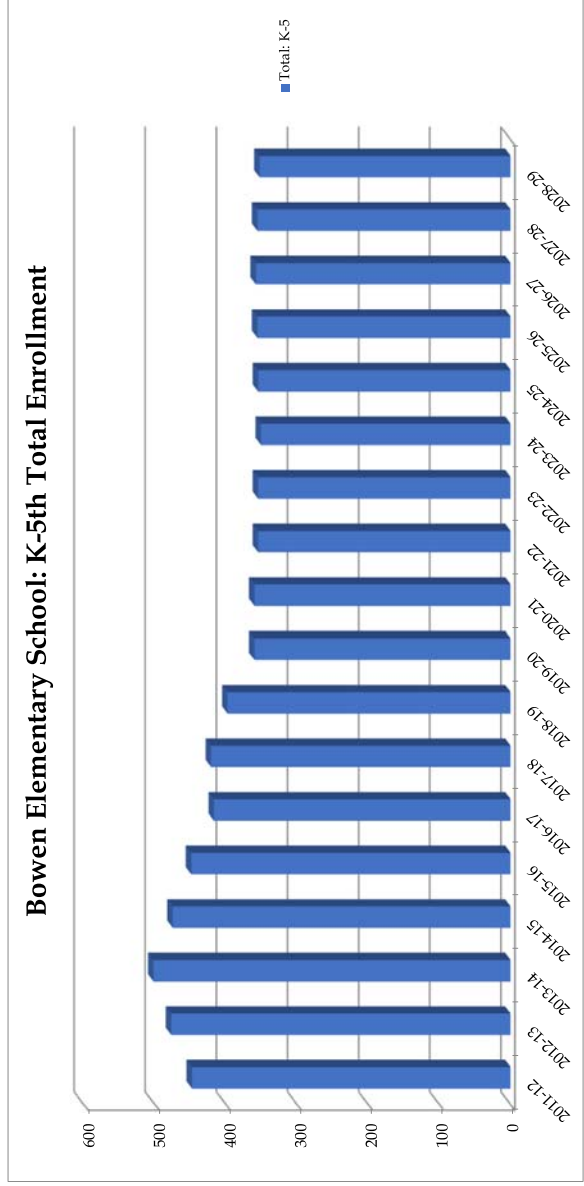


Bowen Elementary School

	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
K	67	79	95	65	59	60	64	54	55	55	57	57	58	58	57	58	57	56
1	71	76	84	100	67	61	69	67	59	60	60	61	61	62	62	61	60	59
2	75	79	76	83	99	60	61	60	65	57	59	59	60	60	61	61	60	59
3	75	79	84	73	71	95	56	66	59	64	56	58	58	59	59	60	60	59
4	84	81	74	80	71	68	98	56	65	58	63	55	57	57	58	58	59	59
5	76	83	89	74	82	73	73	95	57	66	60	65	57	59	59	60	60	61
Total: K-5	448	477	502	475	449	417	421	398	360	360	355	355	351	355	356	358	356	353

Total: K-5	448	477	502	475	449	417	421	398	360	360	355	355	351	355	356	358	356	353
Change	29	25	-27	-26	-32	4	-23	0	-38	0	-5	0	-4	1	2	-2	-3	
% Change	6.47%	5.24%	-5.38%	-5.47%	-7.13%	0.96%	-5.46%	0.00%	-9.55%	0.00%	-1.39%	0.00%	-1.13%	0.28%	0.56%	-0.56%	-0.84%	

Forecasts developed December 2018
 Green cells (2018-19 and earlier) are historical data
 Blue cells (2019-2020 and later) are forecasted years





Burr Elementary School

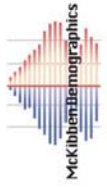
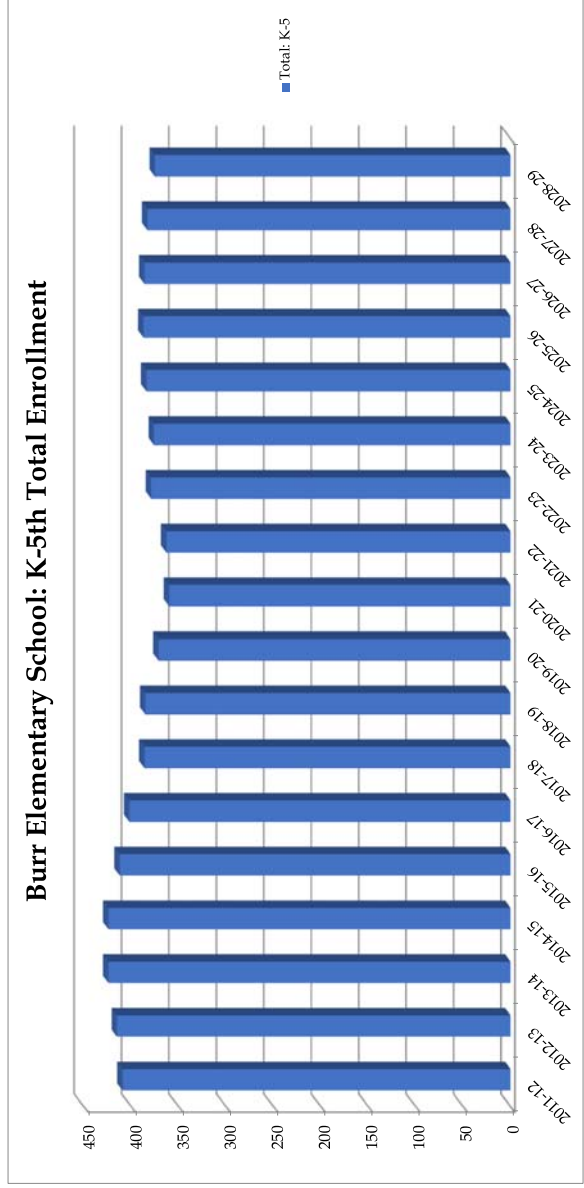
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
K	68	65	80	70	63	48	60	55	57	58	60	61	62	63	61	60	59	56
1	64	69	66	82	70	68	51	70	60	61	62	63	64	65	66	64	63	61
2	71	67	70	65	80	74	69	51	71	61	63	64	65	66	67	67	65	64
3	66	74	68	68	62	80	70	62	49	69	59	62	63	64	65	65	65	63
4	70	70	71	68	68	62	76	72	63	49	70	60	63	64	65	66	66	66
5	70	70	69	71	69	70	60	75	71	62	49	69	59	62	63	64	65	65
Total: K-5	409	415	424	424	412	402	386	385	371	360	363	379	376	384	387	386	383	375

Total: K-5	409	415	424	424	412	402	386	385	371	360	363	379	376	384	387	386	383	375
Change	6	9	0	-12	-10	-16	-1	-14	3	8	3	16	-3	8	3	-1	-3	-8
% Change	1.47%	2.17%	0.00%	-2.83%	-2.43%	-3.98%	-0.26%	-3.64%	-2.96%	0.83%	4.41%	-0.79%	2.13%	0.78%	-0.26%	-0.78%	-2.09%	

Forecasts developed December 2018

Green cells (2018-19 and earlier) are historical data

Blue cells (2019-2020 and later) are forecasted years





Cabot Elementary School

	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
K	63	73	54	61	52	52	57	60	65	61	61	60	59	58	56	56	55	54
1	78	62	80	57	69	56	57	59	66	69	65	64	63	62	61	59	58	57
2	77	75	64	79	62	76	64	61	61	70	74	68	67	66	65	65	63	61
3	74	71	77	70	76	69	68	67	62	63	73	75	69	68	67	67	67	65
4	72	68	77	76	66	76	65	70	66	64	66	72	74	68	67	66	66	66
5	76	71	67	75	78	71	80	69	71	68	67	68	74	76	70	69	68	68
Total: K-5	440	420	419	418	403	400	391	386	391	395	406	407	406	398	386	382	377	371

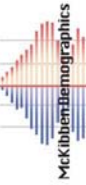
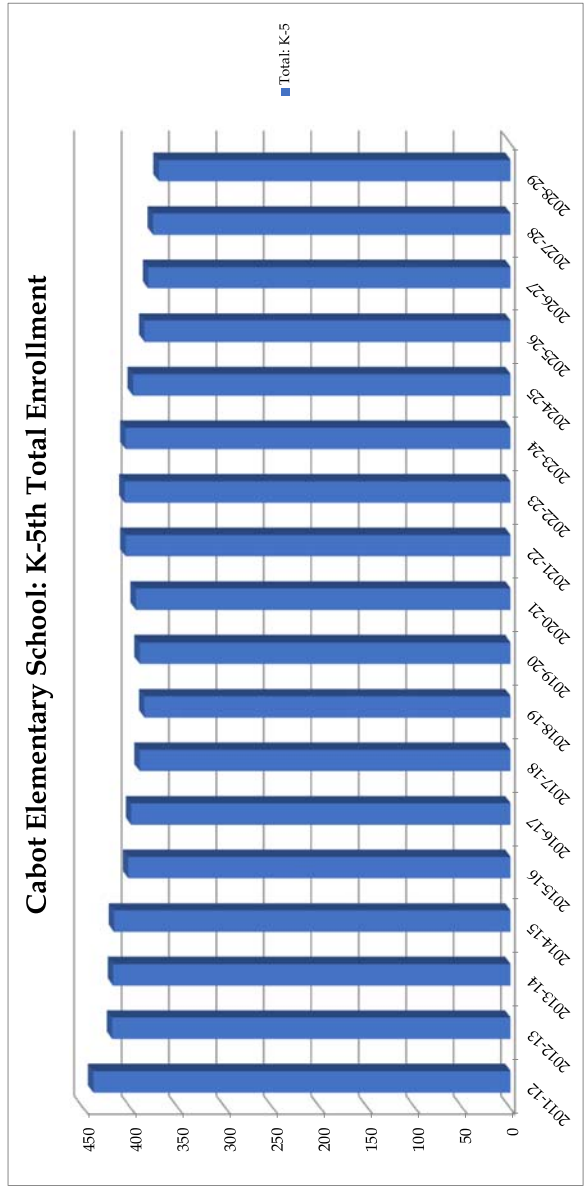
Total: K-5	440	420	419	418	403	400	391	386	391	395	406	407	406	398	386	382	377	371
Change		-20	-1	-1	-15	-3	-9	-5	5	4	11	1	-1	-8	-12	-4	-5	-6
% Change		-4.55%	-0.24%	-0.24%	-3.59%	-0.74%	-2.25%	-1.28%	1.30%	1.02%	2.78%	0.25%	-0.25%	-1.97%	-3.02%	-1.04%	-1.31%	-1.59%

Forecasts developed December 2018

Green cells (2018-19 and earlier) are historical data

Blue cells (2019-2020 and later) are forecasted years

Cabot Elementary School: K-5th Total Enrollment





Countryside Elementary School

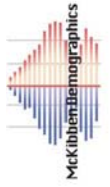
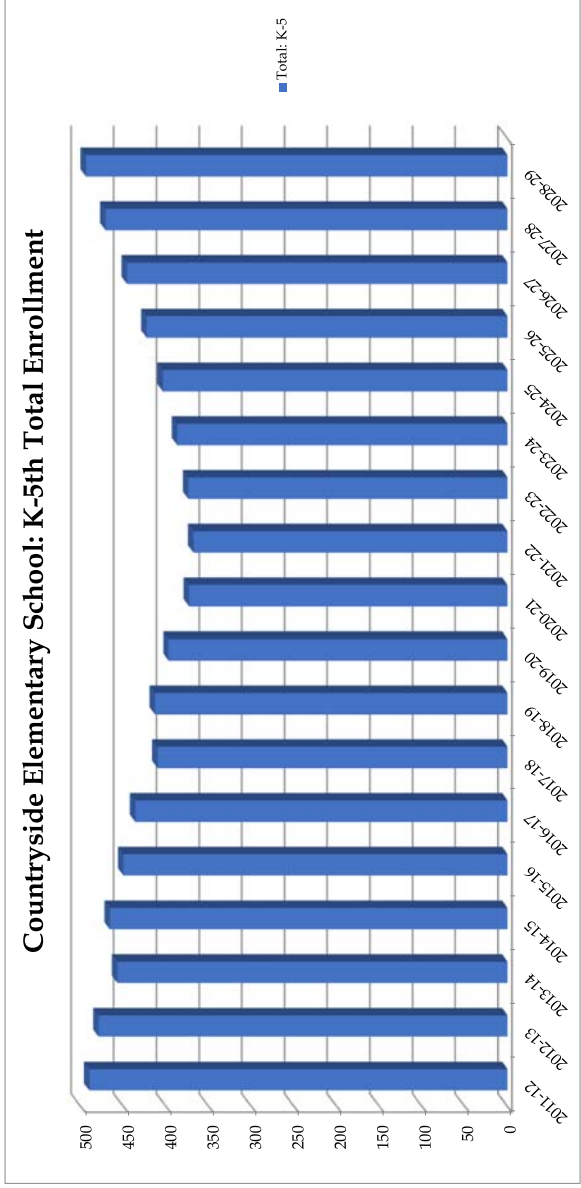
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
K	62	69	64	72	70	63	56	59	57	56	57	61	65	68	70	75	79	81
1	88	70	67	67	75	77	65	64	62	61	60	60	64	68	72	74	78	82
2	92	82	72	67	63	81	69	66	62	60	60	63	63	67	71	76	78	83
3	81	89	81	76	76	66	77	67	65	61	61	62	66	66	70	75	80	82
4	92	78	92	88	76	73	73	81	68	66	63	63	64	69	69	74	79	84
5	75	91	81	96	90	76	70	76	83	69	67	65	65	66	71	72	77	82
Total: K-5	490	479	457	466	450	436	410	413	397	373	368	374	387	404	423	446	471	494

Total: K-5	490	479	457	466	450	436	410	413	397	373	368	374	387	404	423	446	471	494
Change		-11	-22	9	-16	-14	-26	3	-16	-24	-5	6	13	17	19	23	25	23
% Change		-2.24%	-4.59%	1.97%	-3.43%	-3.11%	-5.96%	0.73%	-3.87%	-6.05%	-1.34%	1.63%	3.48%	4.39%	4.70%	5.44%	5.61%	4.88%

Forecasts developed December 2018

Green cells (2018-19 and earlier) are historical data

Blue cells (2019-2020 and later) are forecasted years



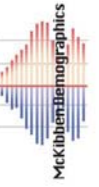
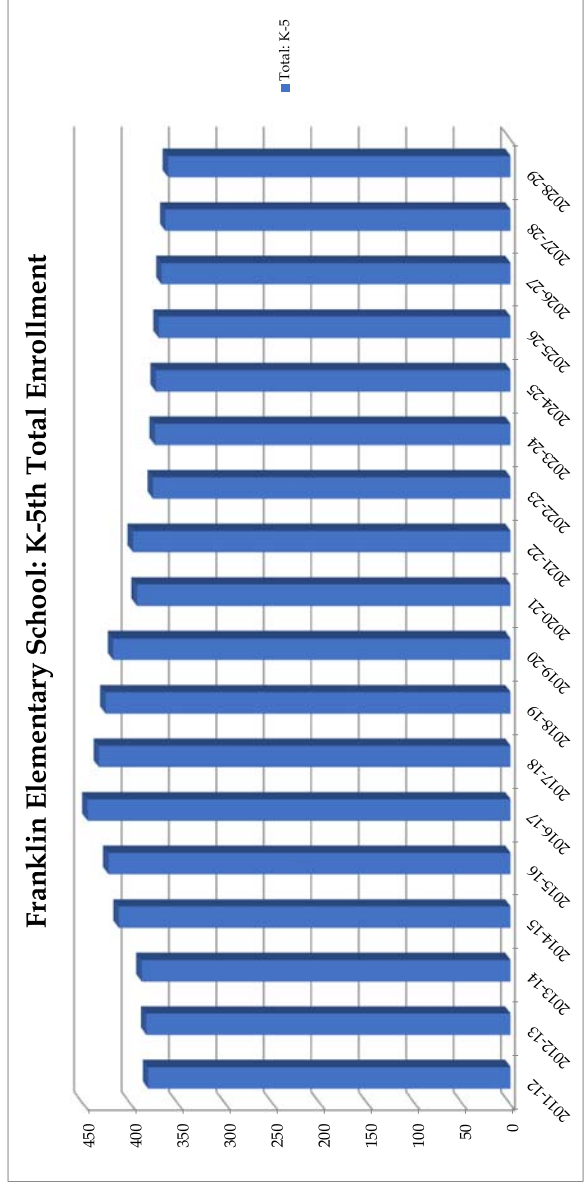


Franklin Elementary School

	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
K	72	63	78	76	67	79	62	59	61	61	61	61	60	60	59	59	58	59
1	47	73	62	79	87	67	85	64	63	64	64	63	63	62	62	61	60	59
2	71	48	73	66	73	89	63	85	63	62	63	63	62	62	61	61	60	59
3	59	69	52	71	71	77	85	61	86	64	63	64	64	63	63	62	62	61
4	69	57	65	53	74	64	74	86	59	83	63	62	63	63	62	62	61	61
5	64	74	59	68	52	70	65	72	87	60	84	64	63	64	64	63	63	62
Total: K-5	382	384	389	413	424	446	434	427	419	394	398	377	375	374	371	368	364	361

Total: K-5	382	384	389	413	424	446	434	427	419	394	398	377	375	374	371	368	364	361
Change	2	5	24	11	22	-12	-7	-8	-25	4	-21	-2	-1	-3	-3	-4	-3	
% Change	0.52%	1.30%	6.17%	2.66%	5.19%	-2.69%	-1.61%	-1.87%	-5.97%	1.02%	-5.28%	-0.53%	-0.27%	-0.80%	-1.09%	-1.09%	-0.82%	

Forecasts developed December 2018
 Green cells (2018-19 and earlier) are historical data
 Blue cells (2019-2020 and later) are forecasted years



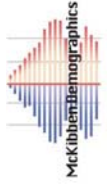
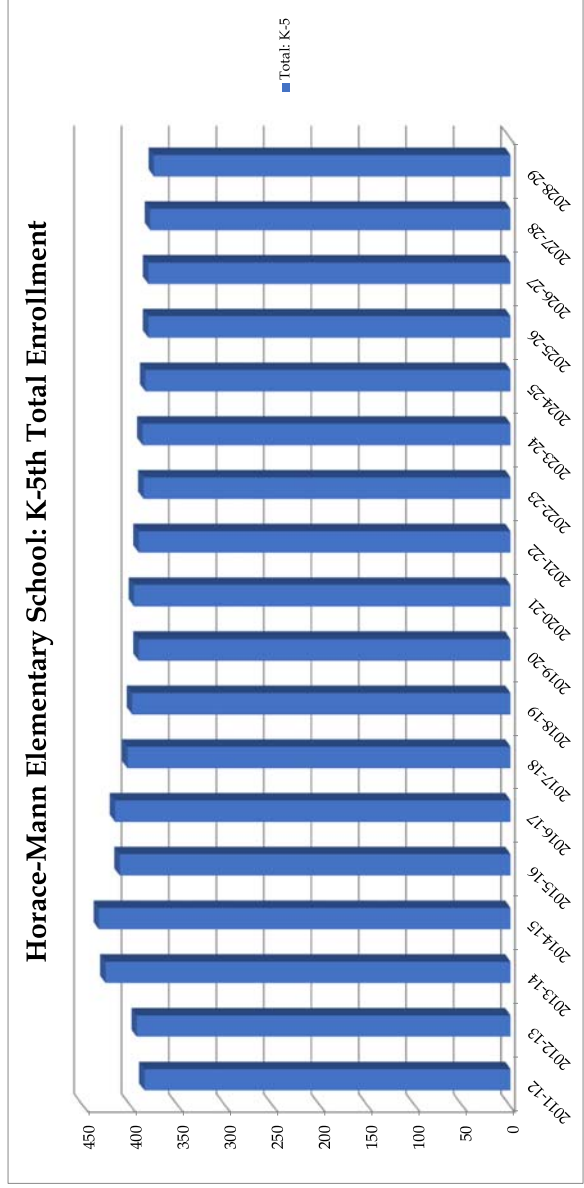


Horace-Mann Elementary School

	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
K	80	65	67	65	57	62	60	61	59	59	59	59	58	58	57	58	57	56
1	64	84	74	69	65	67	67	61	64	63	63	62	62	61	61	60	60	59
2	59	64	80	75	68	62	68	70	62	65	64	64	63	63	62	63	62	62
3	66	61	70	83	69	69	64	73	72	64	68	67	67	66	66	64	66	64
4	54	67	70	73	84	71	74	62	74	73	66	70	69	69	68	68	66	68
5	63	53	66	69	69	86	71	72	61	73	72	65	69	68	68	69	69	67
Total: K-5	386	394	427	434	412	417	404	399	392	397	392	387	388	385	382	382	380	376

Total: K-5	386	394	427	434	412	417	404	399	392	397	392	387	388	385	382	382	380	376
Change	8	33	7	-22	5	-7	5	-5	-5	-5	1	-3	0	-3	0	-2	-4	
% Change	2.07%	8.38%	1.64%	-5.07%	1.21%	-1.24%	-1.28%	-1.26%	-1.28%	0.26%	-0.77%	-0.78%	0.00%	-0.52%	-1.05%			

Forecasts developed December 2018
 Green cells (2018-19 and earlier) are historical data
 Blue cells (2019-2020 and later) are forecasted years





Lincoln-Eliot Elementary School

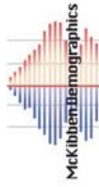
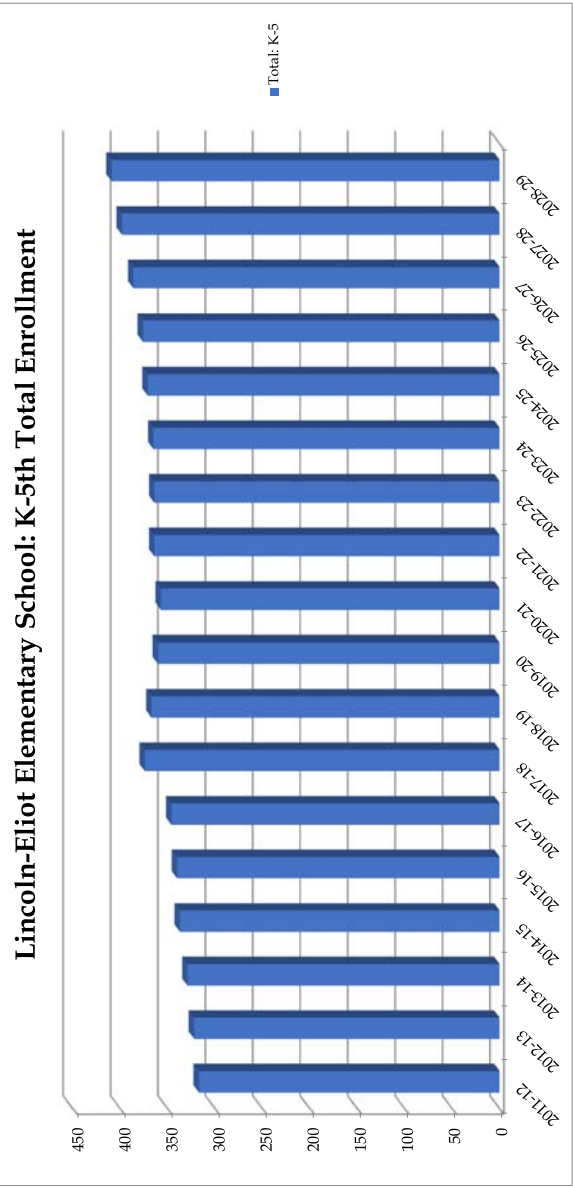
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
K	55	48	63	57	58	62	67	57	58	59	59	60	60	62	63	64	65	67
1	62	57	49	64	56	55	67	62	58	59	60	60	61	61	63	64	65	66
2	51	64	57	53	63	57	59	64	63	59	61	62	62	63	63	66	67	68
3	42	48	59	53	51	63	57	54	61	60	57	59	60	60	61	64	67	68
4	60	45	51	57	52	51	65	63	56	63	62	59	61	62	62	64	67	70
5	47	60	50	53	60	58	59	67	64	57	65	64	61	63	64	64	67	70
Total: K-5	317	322	329	337	340	346	374	367	360	357	364	364	365	371	376	386	398	409

Total: K-5	317	322	329	337	340	346	374	367	360	357	364	364	365	371	376	386	398	409
Change	5	7	8	3	6	28	-7	-3	7	0	1	6	5	10	12	11	11	
% Change	1.58%	2.17%	2.43%	0.89%	1.76%	8.09%	-1.87%	-0.83%	1.96%	0.00%	0.27%	1.64%	1.35%	2.66%	3.11%	2.76%		

Forecasts developed December 2018

Green cells (2018-19 and earlier) are historical data

Blue cells (2019-2020 and later) are forecasted years



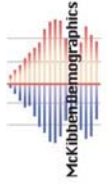
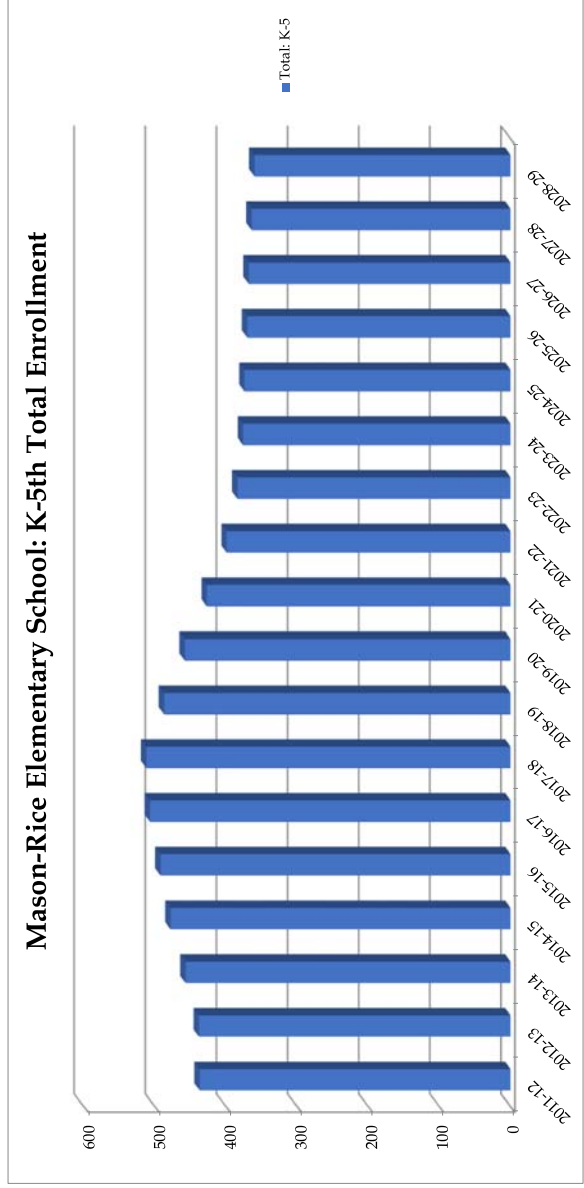


Mason-Rice Elementary School

	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
K	64	79	88	82	81	67	68	56	59	59	58	58	57	56	55	54	53	54
1	72	63	82	95	96	90	67	68	60	61	61	60	60	59	58	57	55	54
2	75	71	66	85	91	99	89	77	70	62	63	63	62	62	61	61	60	58
3	73	76	72	63	86	93	103	92	79	71	64	65	65	64	64	63	63	62
4	82	73	78	72	66	90	96	98	93	80	72	65	66	66	65	66	65	65
5	71	76	71	81	72	68	89	96	97	94	81	73	66	67	67	67	68	67
Total: K-5	437	438	457	478	492	507	512	487	458	427	399	384	376	374	370	368	364	364

Total: K-5	437	438	457	478	492	507	512	487	458	427	399	384	376	374	370	368	364	364
Change	1	19	21	14	15	5	-25	-29	-31	-28	-15	-8	-2	-4	-4	-4	-4	
% Change	0.23%	4.34%	4.60%	2.93%	3.05%	0.99%	-4.88%	-5.95%	-6.77%	-6.56%	-3.76%	-2.08%	-0.53%	-1.07%	-0.54%	-1.09%	-1.10%	

Forecasts developed December 2018
Green cells (2018-19 and earlier) are historical data
Blue cells (2019-2020 and later) are forecasted years





Memorial-Spaulding Elementary School

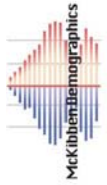
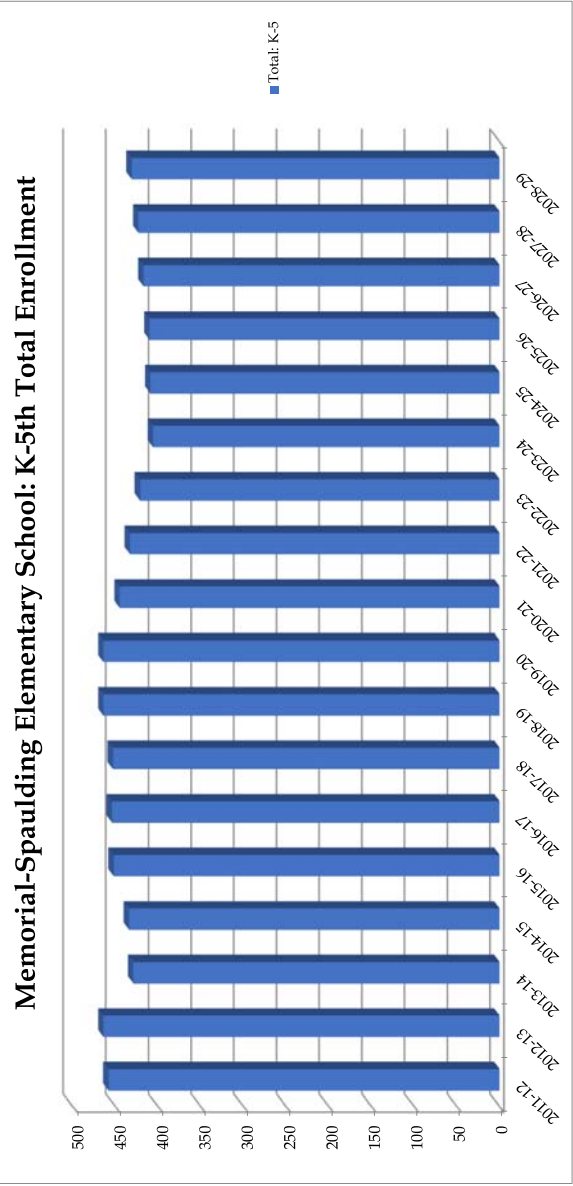
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
K	66	69	67	79	77	71	75	60	64	63	63	62	62	64	64	66	67	69
1	74	77	73	69	81	84	74	79	65	67	66	66	65	65	67	67	68	69
2	71	81	68	72	74	85	79	79	81	66	69	68	68	67	67	70	70	71
3	76	73	74	66	68	74	86	82	80	82	67	70	69	69	68	69	70	72
4	82	81	69	77	69	72	72	89	84	82	84	69	72	71	71	71	72	75
5	89	83	78	71	83	68	67	75	90	85	84	86	70	73	73	74	74	75
Total: K-5	458	464	429	434	452	454	453	464	464	445	433	421	406	409	410	417	423	431

Total: K-5	458	464	429	434	452	454	453	464	464	445	433	421	406	409	410	417	423	431
Change		6	-35	5	18	2	-1	11	0	-19	-12	-12	-15	3	1	7	6	8
% Change		1.31%	-7.54%	1.17%	4.15%	0.44%	-0.22%	2.43%	0.00%	-4.09%	-2.77%	-2.77%	-3.56%	0.74%	0.24%	1.71%	1.44%	1.89%

Forecasts developed December 2018

Green cells (2018-19 and earlier) are historical data

Blue cells (2019-2020 and later) are forecasted years



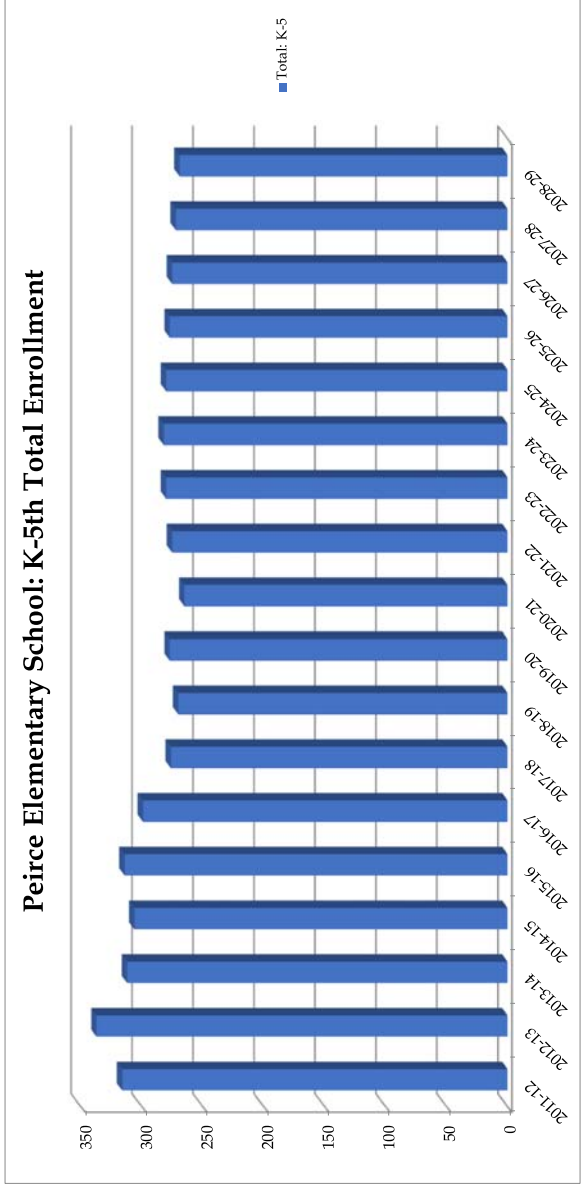


Peirce Elementary School

	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
K	55	51	46	48	41	38	41	44	43	42	43	42	42	41	41	41	41	40
1	47	62	52	47	56	42	44	44	46	46	45	44	44	44	43	43	42	42
2	49	53	63	46	44	60	43	44	45	47	48	47	47	46	46	45	45	44
3	47	52	57	66	50	44	61	43	45	46	49	50	49	49	48	48	47	47
4	66	52	45	56	68	53	38	58	42	44	47	50	51	50	50	49	49	48
5	52	67	49	43	55	62	49	37	56	40	43	46	49	50	49	49	48	48
Total: K-5	316	337	312	306	314	299	276	270	277	265	275	280	282	280	277	275	272	272

Total: K-5	316	337	312	306	314	299	276	270	277	265	275	280	282	280	277	275	272	272
Change		21	-25	-6	8	-15	-23	-6	7	-12	10	5	2	-2	-3	-2	-3	-3
% Change		6.65%	-7.42%	-1.92%	2.61%	-4.78%	-7.69%	-2.17%	2.59%	-4.33%	3.77%	1.82%	0.71%	-0.71%	-1.07%	-0.72%	-1.09%	-1.10%

Forecasts developed December 2018
 Green cells (2018-19 and earlier) are historical data
 Blue cells (2019-2020 and later) are forecasted years



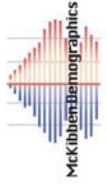
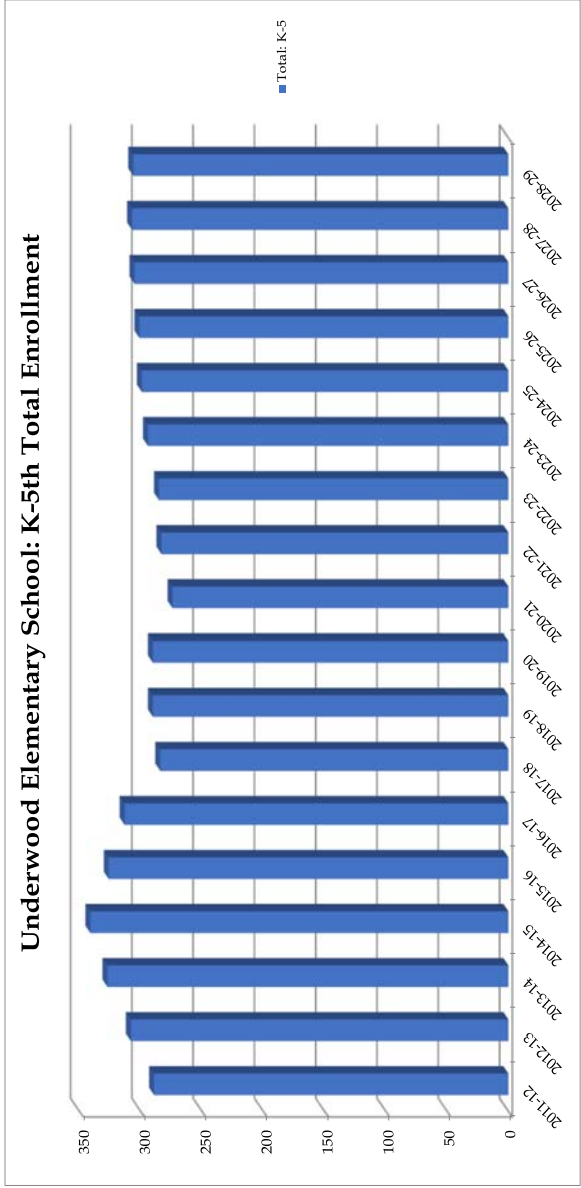


Underwood Elementary School

	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
K	49	47	48	62	41	47	35	43	41	42	43	44	44	45	44	45	44	43
1	46	49	53	51	66	44	47	40	44	45	46	46	47	47	48	47	47	46
2	52	49	49	55	51	65	40	49	41	45	47	48	48	49	49	51	50	50
3	46	60	61	51	55	48	61	45	51	43	48	50	51	51	52	52	54	53
4	51	48	65	58	55	55	47	66	46	52	45	50	52	53	53	55	55	57
5	45	55	51	64	58	54	54	47	67	47	54	47	52	54	55	55	57	57
Total: K-5	289	308	327	341	326	313	284	290	290	274	283	285	294	299	301	305	307	306

Total: K-5	289	308	327	341	326	313	284	290	290	274	283	285	294	299	301	305	307	306
Change	19	19	14	-15	-13	-29	6	0	-16	9	2	9	5	2	4	2	-1	
% Change	6.57%	6.17%	4.28%	-4.40%	-3.99%	-9.27%	2.11%	0.00%	-5.52%	3.28%	0.71%	3.16%	1.70%	0.67%	1.33%	0.66%	-0.33%	

Forecasts developed December 2018
 Green cells (2018-19 and earlier) are historical data
 Blue cells (2019-2020 and later) are forecasted years





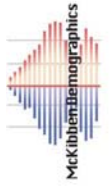
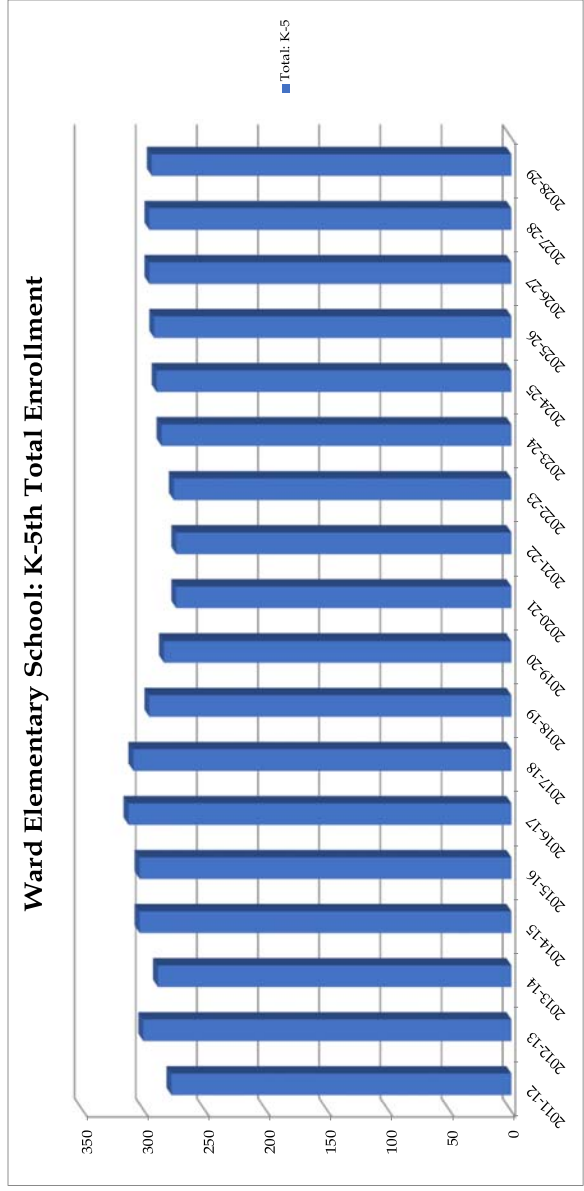
Ward Elementary School

	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
K	46	47	43	46	43	49	35	41	41	41	43	43	44	44	43	43	42	41
1	46	50	51	54	49	45	52	39	44	45	46	46	46	47	47	46	45	44
2	46	46	53	53	57	54	49	47	40	45	47	47	48	48	49	50	49	48
3	49	51	45	55	57	56	57	51	48	41	47	49	49	50	50	51	53	51
4	58	47	52	47	53	58	56	58	52	49	42	48	50	50	52	52	53	55
5	33	60	45	49	45	51	60	60	59	53	50	43	49	51	51	54	54	55
Total: K-5	278	301	289	304	304	313	309	296	284	274	274	276	286	290	292	296	296	294

Total: K-5	278	301	289	304	304	313	309	296	284	274	274	276	286	290	292	296	296	294
Change	23	-12	15	0	-12	-10	0	2	10	4	2	4	2	4	2	4	0	-2
% Change	8.27%	-3.99%	5.19%	0.00%	-2.96%	-1.28%	-4.21%	-4.05%	-3.52%	0.00%	0.73%	3.62%	1.40%	0.69%	1.37%	0.00%	0.00%	-0.68%

Forecasts developed December 2018
 Green cells (2018-19 and earlier) are historical data
 Blue cells (2019-2020 and later) are forecasted years

Ward Elementary School: K-5th Total Enrollment



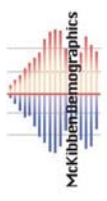
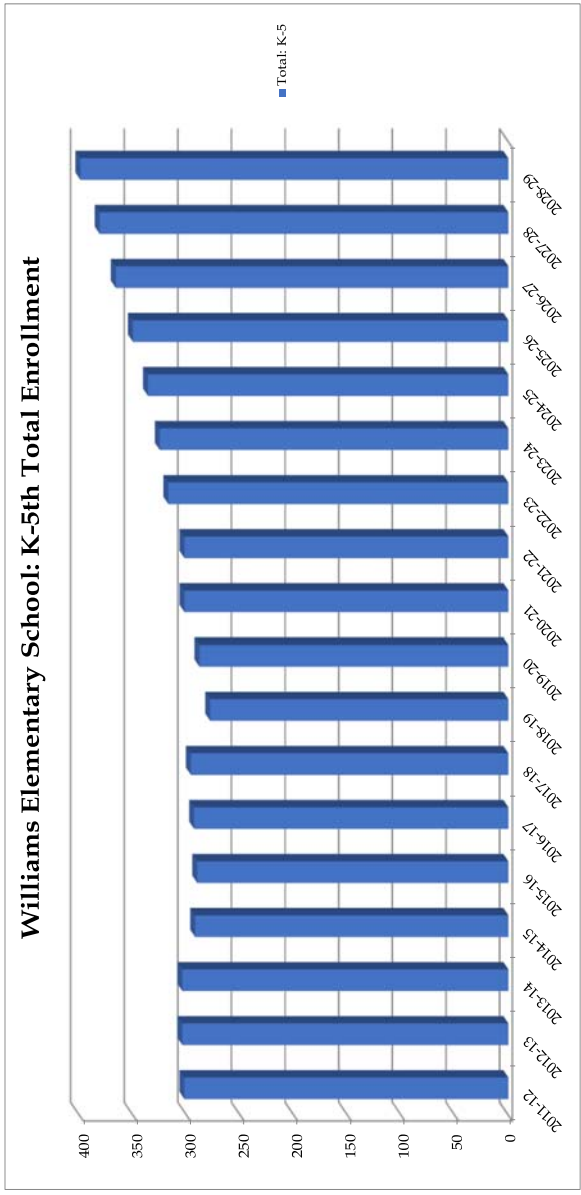


Williams Elementary School

	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
K	46	50	45	37	62	44	47	47	51	52	52	55	57	60	64	68	70	
1	46	41	57	44	41	65	45	51	52	53	54	54	57	59	62	65	69	
2	63	47	44	60	43	44	65	42	52	53	55	56	56	59	61	64	68	
3	49	69	42	43	61	43	40	58	41	50	52	54	57	57	60	62	65	
4	47	48	71	41	45	58	45	37	57	41	51	53	55	55	59	62	64	
5	51	49	45	67	38	39	54	43	35	54	39	49	51	54	60	60	63	
Total: K-5	302	304	304	292	290	293	296	278	288	302	302	317	325	336	350	366	381	399

Total: K-5	302	304	304	292	290	293	296	278	288	302	302	317	325	336	350	366	381	399
Change	2	0	-12	-2	3	-18	10	0	14	15	8	11	14	16	15	18		
% Change	0.66%	0.00%	-3.95%	-0.68%	1.03%	1.02%	3.60%	-6.08%	4.86%	4.97%	2.52%	3.38%	4.17%	4.57%	4.10%	4.72%		

Forecasts developed December 2018
 Green cells (2018-19 and earlier) are historical data
 Blue cells (2019-2020 and later) are forecasted years





Zervas Elementary School

	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
K	40	60	53	53	44	65	58	68	71	71	72	73	73	74	73	73	72	71
1	64	39	58	54	53	56	84	68	74	75	76	76	77	77	78	77	76	75
2	44	68	41	55	54	57	64	86	70	76	78	79	79	80	80	81	80	79
3	54	46	65	43	54	57	70	63	87	71	78	80	81	81	82	82	83	82
4	60	55	42	59	43	55	65	76	64	89	73	80	82	83	83	84	84	85
5	59	57	58	45	60	47	66	66	78	65	92	75	82	84	85	85	87	87
Total: K-5	321	325	317	309	308	337	407	427	444	447	469	463	474	479	481	482	482	479

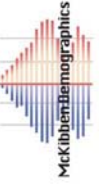
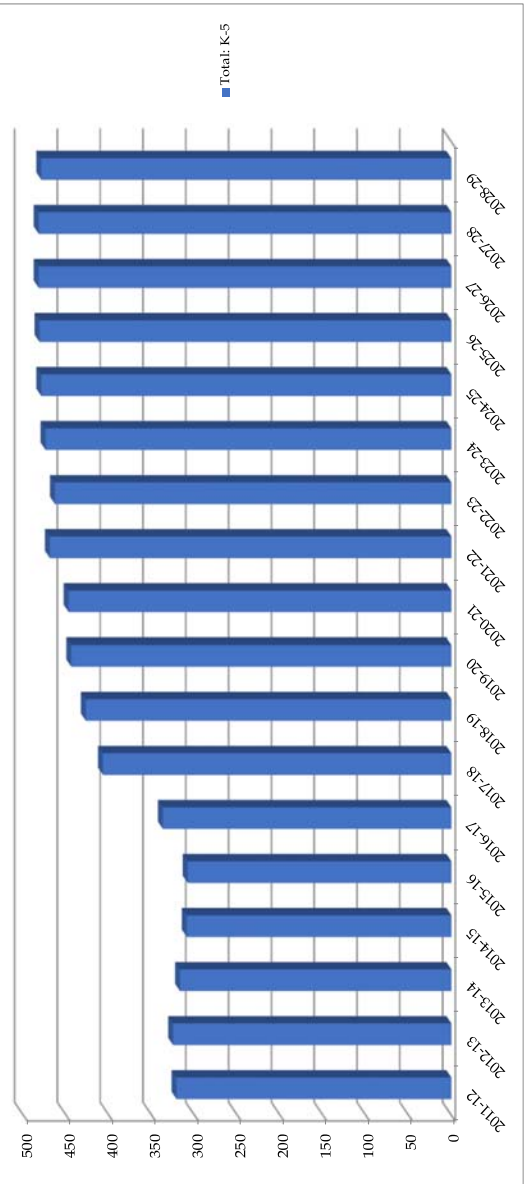
Total: K-5	321	325	317	309	308	337	407	427	444	447	469	463	474	479	481	482	482	479
Change	4	-8	-8	-1	29	70	20	3	22	11	5	2	1	0	-3	0	-3	
% Change	1.25%	-2.46%	-2.52%	-0.32%	9.42%	20.77%	4.91%	0.68%	4.92%	-1.28%	2.38%	1.05%	0.42%	0.00%	-0.62%			

Forecasts developed December 2018

Green cells (2018-19 and earlier) are historical data

Blue cells (2019-2020 and later) are forecasted years

Zervas Elementary School: K-5th Total Enrollment



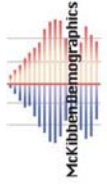
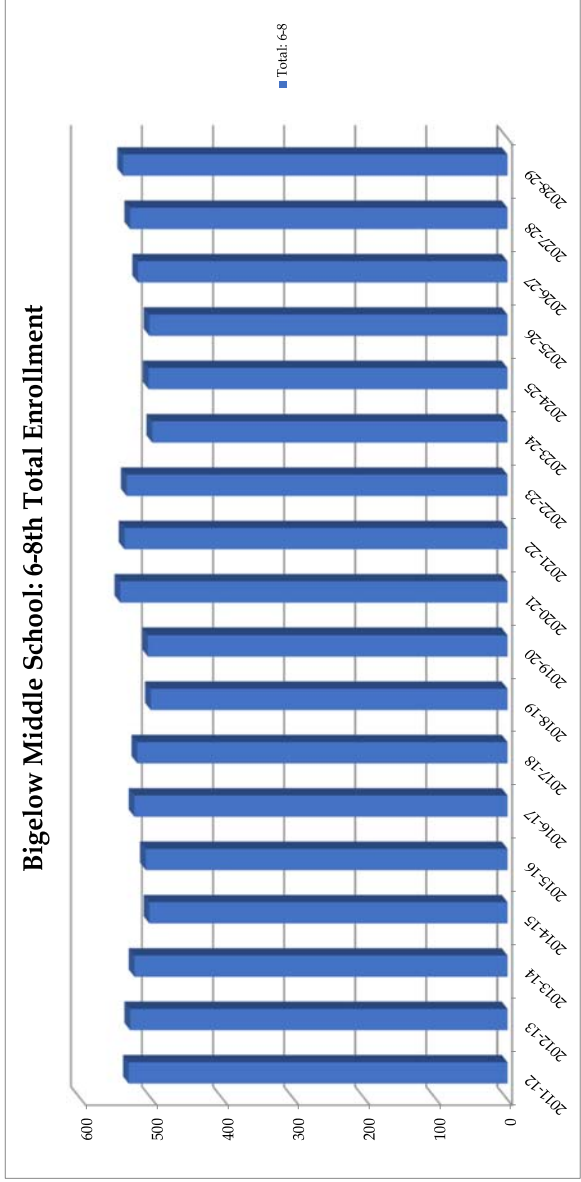


Bigelow Middle School

	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2025-26	2025-26	2027-28	2028-29
6	191	178	162	157	179	178	163	171	178	195	162	174	159	167	173	175	178	178	183
7	167	186	178	168	161	184	171	157	170	179	197	164	176	161	169	175	177	177	180
8	175	167	185	179	169	163	187	174	158	171	180	198	165	177	162	170	176	176	178
Total: 6-8	533	531	525	504	509	525	521	502	506	545	539	536	500	505	504	520	531	541	

Total: 6-8	533	531	525	504	509	525	521	502	506	545	539	536	500	505	504	520	531	541
Change		-2	-6	-21	5	16	-4	-19	4	39	-6	-3	-36	5	-1	16	11	10
% Change		-0.38%	-1.13%	-4.00%	0.99%	3.14%	-0.76%	-3.65%	0.80%	7.71%	-1.10%	-0.56%	-6.72%	1.00%	-0.20%	3.17%	2.12%	1.88%

Forecasts developed December 2018
 Green cells (2018-19 and earlier) are historical data
 Blue cells (2019-2020 and later) are forecasted years

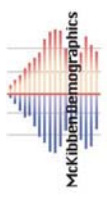
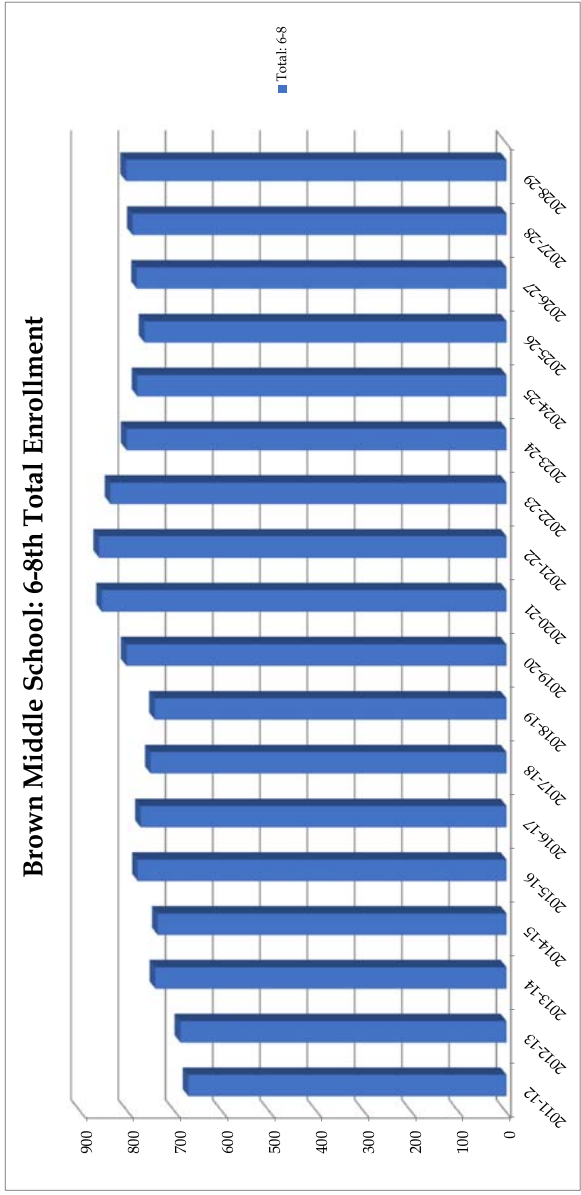




Brown Middle School

	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2025-26	2025-26	2027-28	2028-29
6	230	233	257	257	284	241	230	274	297	282	276	271	248	254	256	263	263	263	270
7	219	230	245	242	254	281	240	231	275	298	285	279	274	250	257	259	266	266	266
8	224	227	241	239	242	252	283	239	232	276	301	288	282	277	253	260	262	262	269
Total: 6-8	673	690	743	738	780	774	753	744	804	856	862	838	804	781	766	782	791	791	805
Total: 6-8	673	690	743	738	780	774	753	744	804	856	862	838	804	781	766	782	791	791	805
Change		17	53	-5	42	-6	-21	-9	60	52	6	-24	-34	-23	-15	16	9	9	14
% Change		2.53%	7.68%	-0.67%	5.69%	-0.77%	-2.71%	-1.20%	8.06%	6.47%	0.70%	-2.78%	-4.06%	-2.86%	-1.92%	2.09%	1.15%	1.15%	1.77%

Forecasts developed December 2018
 Green cells (2018-19 and earlier) are historical data
 Blue cells (2019-20 and later) are forecasted years





F.A. Day Middle School

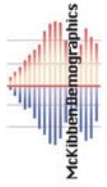
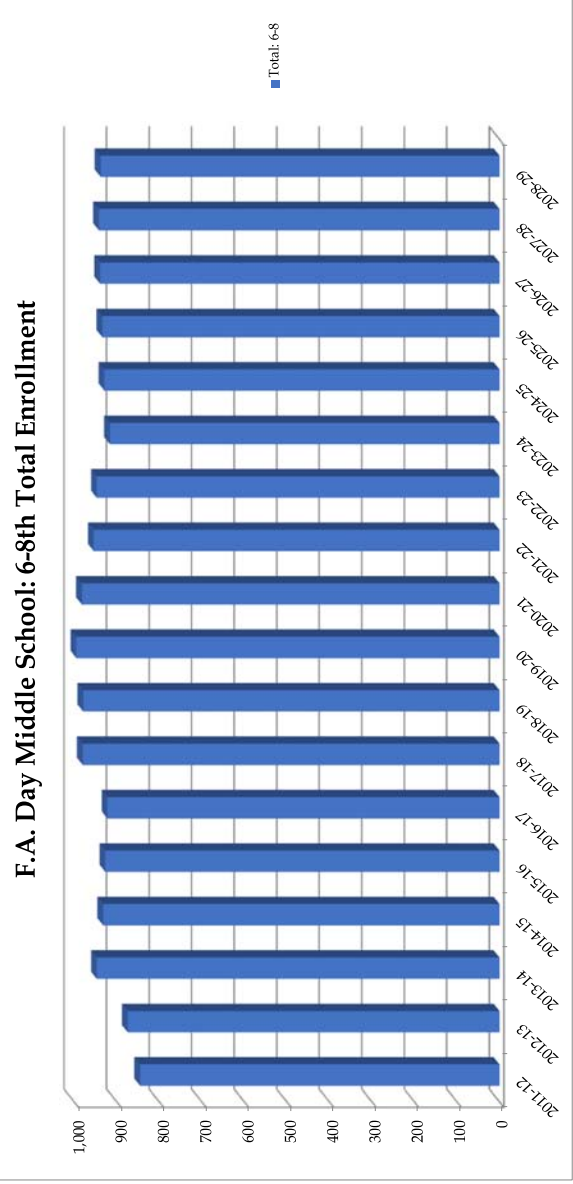
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2025-26	2025-26	2027-28	2028-29
6	300	279	347	299	308	309	351	325	315	336	297	309	306	308	314	311	311	311	310
7	280	306	289	345	289	318	304	351	327	317	338	298	311	308	310	316	310	313	313
8	265	289	311	288	330	295	325	303	353	329	319	340	299	313	310	312	310	318	315
Total: 6-8	845	874	947	932	927	922	980	979	995	982	954	947	916	929	934	939	942	942	938

Total: 6-8	845	874	947	932	927	922	980	979	995	982	954	947	916	929	934	939	942	942	938
Change		29	73	-15	-5	-5	58	-1	16	-13	-28	-7	-31	13	5	5	3	3	-4
% Change		3.43%	8.35%	-1.58%	-0.54%	-0.54%	6.29%	-0.10%	1.63%	-1.31%	-2.85%	-0.73%	-3.27%	1.42%	0.54%	0.54%	0.32%	0.32%	-0.42%

Forecasts developed December 2018

Green cells (2018-19 and earlier) are historical data

Blue cells (2019-2020 and later) are forecasted years



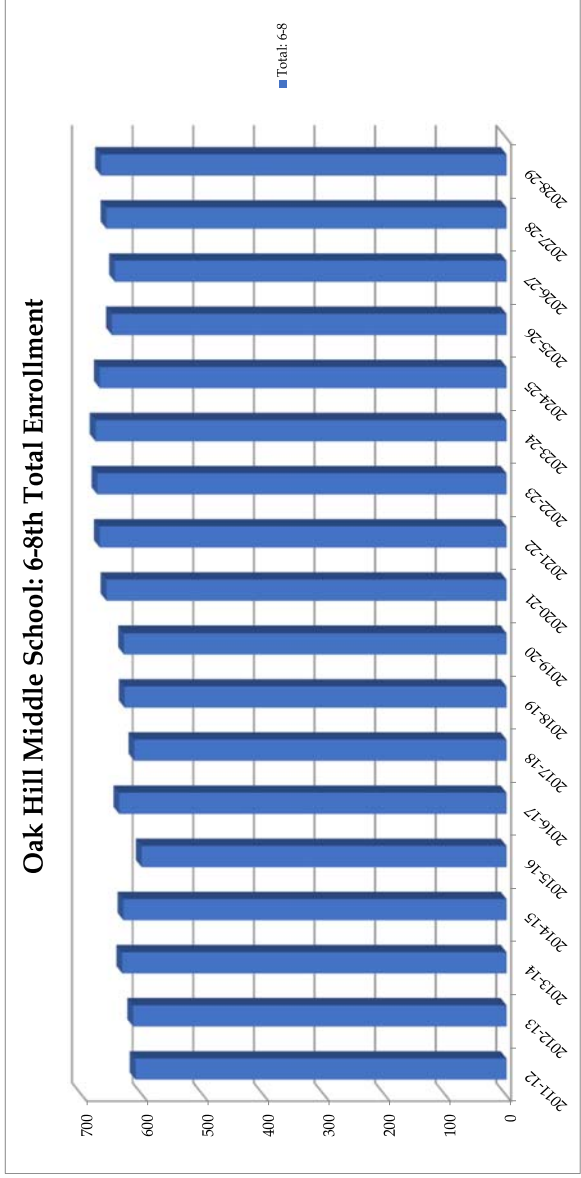


Oak Hill Middle School

	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2025-26	2025-26	2027-28	2028-29
6	201	210	212	209	192	233	187	205	231	221	214	234	224	207	214	214	219	221	223
7	209	200	220	208	208	189	233	193	206	232	223	216	236	226	209	216	209	221	223
8	202	206	202	215	202	217	194	232	194	207	234	225	218	238	228	211	218	218	223
Total: 6-8	612	616	634	632	602	639	614	630	631	660	671	675	678	671	651	646	660	660	669

Total: 6-8	612	616	634	632	602	639	614	630	631	660	671	675	678	671	651	646	660	660	669
Change		4	18	-2	-30	37	-25	16	1	29	11	4	3	-7	-20	-5	14	9	
% Change		0.65%	2.92%	-0.32%	-4.75%	6.15%	-3.91%	2.61%	0.16%	4.60%	1.67%	0.60%	0.44%	-1.03%	-2.98%	-0.77%	2.17%	1.36%	

Forecasts developed December 2018
 Green cells (2018-19 and earlier) are historical data
 Blue cells (2019-20 and later) are forecasted years



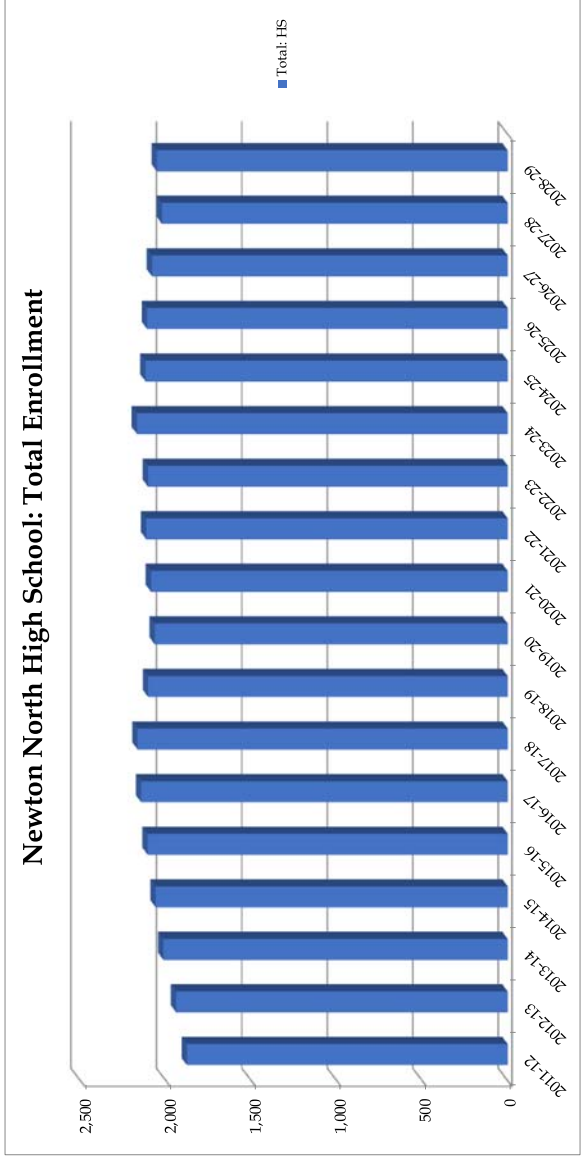


Newton North High School

	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
9	439	484	496	535	507	511	501	539	506	542	530	529	570	492	519	500	511	524
10	481	450	493	489	537	524	511	499	536	503	539	527	526	567	490	516	498	508
11	435	490	447	508	484	552	539	522	504	541	508	544	532	531	573	495	521	503
12	437	437	496	450	497	474	543	544	519	501	538	505	541	529	528	570	493	518
SE	85	79	83	78	82	84	71	-	-	-	-	-	-	-	-	-	-	-
Total: HS	1,877	1,940	2,015	2,060	2,107	2,145	2,165	2,104	2,065	2,087	2,115	2,105	2,169	2,119	2,110	2,081	2,023	2,053

Total: HS	1,877	1,940	2,015	2,060	2,107	2,145	2,165	2,104	2,065	2,087	2,115	2,105	2,169	2,119	2,110	2,081	2,023	2,053
Change		63	75	45	47	38	20	-61	-39	22	28	-10	64	-50	-9	-29	-58	30
% Change		3.36%	3.87%	2.23%	2.28%	1.80%	0.93%	-2.82%	-1.85%	1.07%	1.34%	-0.47%	3.04%	-2.31%	-0.42%	-1.37%	-2.79%	1.48%

Forecasts developed December 2018
 Green cells (2018-19 and earlier) are historical data
 Blue cells (2019-2020 and later) are forecasted years



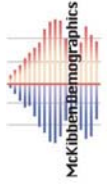
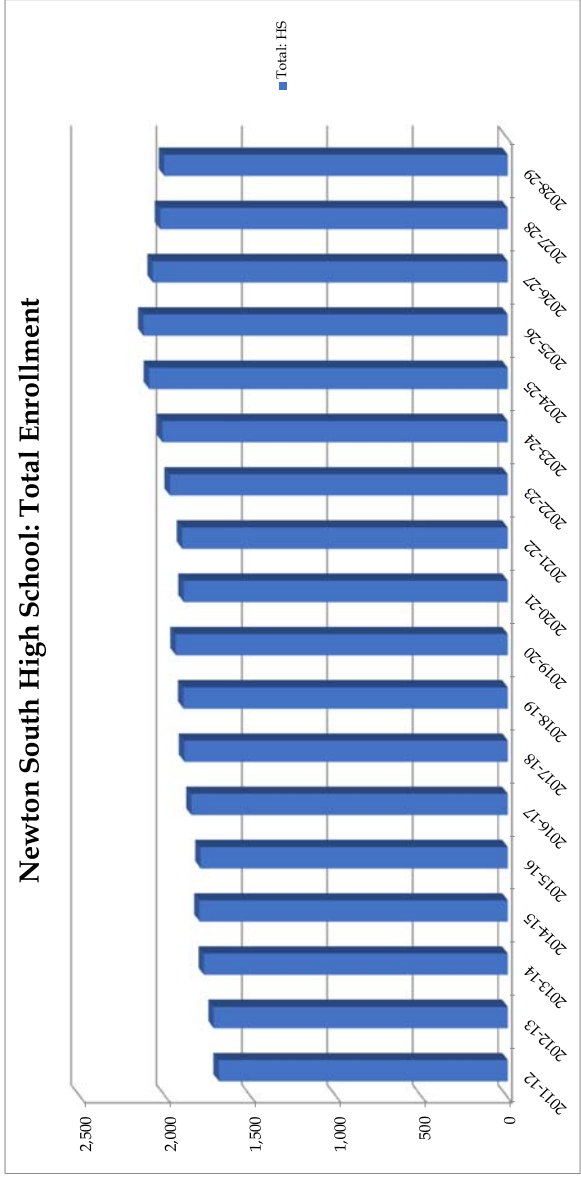


Newton South High School

	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
9	436	447	458	442	438	481	479	479	485	439	497	551	528	515	530	495	485	494
10	415	436	448	452	436	452	487	491	481	487	441	499	554	531	518	533	497	487
11	408	407	441	456	453	455	449	489	493	483	489	443	501	557	534	521	536	499
12	393	408	414	438	449	451	463	439	484	488	478	484	439	496	551	529	516	531
SE	39	23	17	16	22	12	15	-	-	-	-	-	-	-	-	-	-	-
Total: HS	1,691	1,721	1,778	1,804	1,798	1,851	1,893	1,898	1,943	1,897	1,905	1,977	2,022	2,099	2,133	2,078	2,034	2,011

Total: HS	1,691	1,721	1,778	1,804	1,798	1,851	1,893	1,898	1,943	1,897	1,905	1,977	2,022	2,099	2,133	2,078	2,034	2,011
Change		30	57	26	-6	53	42	5	45	-46	8	72	45	77	34	-55	-44	-23
% Change		1.77%	3.31%	1.46%	-0.33%	2.95%	2.27%	0.26%	2.37%	-2.37%	0.42%	3.78%	2.28%	3.81%	1.62%	-2.58%	-2.12%	-1.13%

Forecasts developed December 2018
Green cells (2018-19 and earlier) are historical data
Blue cells (2019-20 and later) are forecasted years





Where 6-8th Students Live

	BIGELOW	BROWN	BROWN / OAK HILL	DAY / BROWN	OAK HILL	OAK HILL / BROWN	Out of District	Unmatched	Live Out, Attend In (6-8)
Bigelow Middle School	502	404	35	24	8	31	122	6	431
Brown Middle School	744	6	570	50	18	12	61	25	2
Day Middle School	979	25	20	865	23	7	37	2	89
Oak Hill Middle School	630	7	37	42	6	1	491	15	29
	309	92	42	48	13	76	0		

Where 6-8th Students Attend

Where 9-12th Students Live

	NORTH	NORTH / SOUTH	SOUTH / SOUTH	SOUTH / NORTH	Out of District	Unmatched	Live Out, Attend In (9-12)
Newton North High School	2104	1845	36	56	64	99	4
Newton South High School	1898	25	16	1725	38	91	3
	161	25	16	56	64		

Where 9-12th Students Attend

