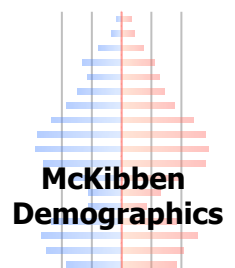# Needham Public Schools

Population and Enrollment Forecasts
2015-16 through 2024-25

March 17, 2015

McKibben Demographic Research
Jerome McKibben, Ph.D.
Rock Hill SC
j.mckibben@mckibbendemographics.com
**978-501-7069**

McKibben Demographics

Executive Summary – Needham Public Schools Population and Enrollment Forecasts - March 2015

1. The total fertility rate for the Needham Public Schools district over the life of the forecasts is below replacement level. (1.79 vs. the replacement level of 2.1)

2. Most in-migration to the districtcontinues 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 service area's out migration flow.

4. The primary factor causing the district's enrollment to fall is the declining level of in-migration of young households/families and an increase in the number of empty nest households

5. Changes in year-to-year enrollment (at least for the next 15 years) will primarily be due to smaller cohorts entering and moving through the school system in conjunction with larger cohorts leaving the system.

6. The elementary enrollment will begin a steady decline after 2019.

7. The median age of the population will increase from 42.9 in 2010 to 43.7 in 2030.

8. The primary cause in the decline of the high school enrollment until 2019 is due to the relatively large 12th classes graduating over the next five years.

9. Even if the district continues to have a modest level of annual new home construction, the rate, magnitude and price of existing home sales will become the increasingly dominant factor affecting the amount of population and enrollment change.

10. Total district enrollment is forecasted to decrease by 128 students, or -2.3%, between 2014-15 and 2019-20. Total enrollment will decline by 45 students, or -0.8%, from 2019-20 to 2024-25. Total enrollment will decline by 268 students, or -5.0%, from 2024-25 to 2029-30.

Chart 1: Permitted Housing Units, Town of Needham, 2000-2014
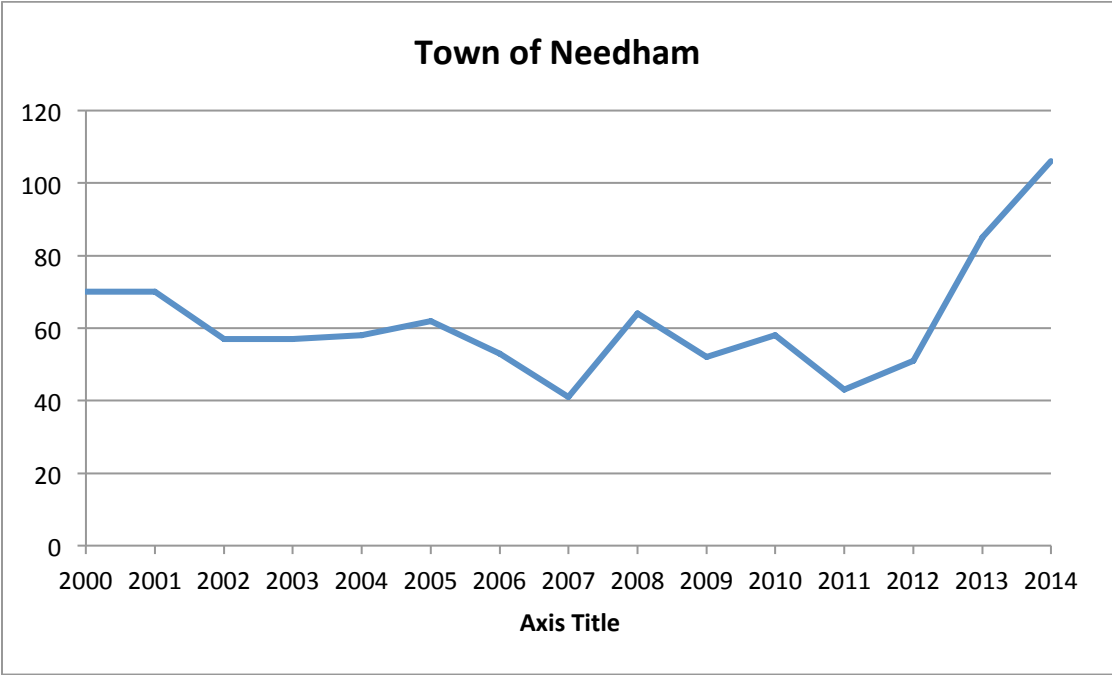
Table 1: Forecasted Elementary Area Population Change, 2010 to 2020

	2010	2015	*2010-2015 Change*	2020	*2015-2020 Change*	*2010-2020 Change*
Broadmeadow ES	5,498	5,530	*0.6%*	5,520	*-0.2%*	*0.4%*
Eliot ES	4,537	4,600	*1.4%*	4,630	*0.7%*	*2.0%*
Hillside ES	6,030	5,960	*-1.2%*	5,890	*-1.2%*	*-2.3%*
Mitchell ES	4,521	4,600	*1.7%*	4,650	*1.1%*	*2.9%*
Newman ES	8,319	8,350	*0.4%*	8,340	*-0.1%*	*0.3%*
Total	28,904	29,040	*0.5%*	29,030	*0.0%*	*0.4%*

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
Broadmeadow ES	876	47.0%	1863	5496	2.95
Eliot ES	638	37.8%	1687	4434	2.63
Hillside ES	744	32.2%	2313	5529	2.39
Mitchell ES	719	47.5%	1515	4521	2.98
Newman ES	1210	40.7%	2971	8152	2.74
Total	4187	40.5%	10349	28131	2.72

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
Broadmeadow	47.7%	27.1%	97.0%
Eliot ES	44.6%	27.0%	74.4%
Hillside ES	38.8%	35.3%	72.3%
Mitchell ES	49.3%	22.9%	95.9%
Newman ES	45.4%	26.4%	82.9%
Total	44.8%	28.1%	83.6%

Table 4:   Percentage of Households that are Single Person Households and Single Person Households that are Over Age 65 by Elementary Area, 2010 Census

	Percentage of Single Person Households	Percentage of Single Person Households and are 65+
Broadmeadow ES	16.0%	9.8%
Eliot ES	24.0%	10.2%
Hillside ES	32.7%	21.4%
Mitchell ES	13.8%	7.8%
Newman ES	19.9%	10.7%
Total	21.8%	12.4%

Table 5: 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
Broadmeadow ES	63	58	87	92	92	105	116	99	128	115	108
Eliot ES	65	45	52	67	52	74	63	79	79	76	66
Hillside ES	66	57	71	74	73	78	80	80	75	97	74
Mitchell ES	52	59	63	78	93	78	102	96	87	99	97
Newman ES	80	111	102	107	115	111	140	125	154	155	162
Total	325	329	374	418	425	445	501	478	523	541	506

Needham Public Schools - Methodology and Assumptions

McKibben Demographic Research - March 2015

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 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 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. Moreover, no two populations, particularly at the school district and attendance area level, 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 the 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 is an excellent example of this factor); the development of charter schools in the district; 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 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 15 years in the district and its attendance areas.

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. Enrollments by grade and attendance center were provided by the Needham Public Schools   for the school years 2010-2011 to 2014-15. Birth and death data were obtained from the Massachusetts Department of Health and Human Services for the years 2000 through 2012. The net migration values were calculated using Internal Revenue Service migration reports for the years 2000 through 2011. 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 is 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 300 of the over 10,300 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 migration patterns, 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 during the previous 20 years, the rate of this decline has been forecasted to slow 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 2029. 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.

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 fertility rates of the United States, overall 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 20-29) rather than any fluctuation in an area's fertility rate.

The total fertility rate (TFR), the average number of births a woman will have in her lifetime, is estimated to be 1.79 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, over the course of the forecast period, fertility alone

would be insufficient, in the absence of migration, to maintain the current level of population and enrollment within the Needham Public Schools.

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. The second group of out-migrants is those householders aged 70 and older who are downsizing their residences. Most of the local in-migration occurs in the 0-to-9 and 30-44 age groups (bulk of which is from areas within 100 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 the current economic, political, transportation and public works infrastructure (with a few notable exceptions), social, and environmental factors of the Needham Public Schools and its attendance areas will remain the same through the year 2029. 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. There will be no short term economic recovery in the next 18 months and the national, state or regional economy does not go into deep recession at any time during the 15 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 reached an historic low and will not fluctuate more than one percentage point in the short term; the interest rate for a 30 year fixed home mortgage stays below 5.0%;

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 Norfolk County for any year in the forecasts;

f. All currently planned, platted, and approved housing developments are built out and completed by 2027. All housing units constructed are occupied by 2029;

g. The unemployment rates for the Metropolitan Boston will remain below 6.0% for the 15 years of the forecasts;

h. The rate of students transferring into and out of the Needham Public Schools will remain at the 2005-06 to 2014-15 average;

i. The inflation rate for gasoline will stay below 5% per year for the 15 years of the forecasts;

j.   There will be no building moratorium within the district;

k.   Businesses within the district and the Needham Public Schools area will remain viable;

l.   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;

m.   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 55;

n.   Private school and home school attendance rates will remain constant;

o.   The recent decline in new home construction has ended and building rates have stabilized;

p.   The rate of foreclosures for commercial property remains at the 2004-2008 average for Norfolk County;

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 type of natural disaster, major change in the local infrastructure (e.g., highway construction, water and sewer expansion, changes in zoning regulations etc.), a further economic downturn, any additional 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. 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 and its attendance areas);

b. a set of age-specific fertility rates for the district to be used over the forecast period and its attendance areas;

c. a set of age-specific survival (mortality) rates for the district and its attendance areas;

d. a set of age-specific migration rates for the district and its 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" populations (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 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 to reflect the predicted changes in the amount of age-specific migration in the district for the period. A third adjustment to the survivorship rates were performed for the period 2025 to 2030 to reflect the predicted changes in the amount of age-specific migration in the district for that 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 population and enrollment forecasts at the school district level is estimated to be $\pm 2.0\%$ for the life of the forecasts.

REFERENCES

McKibben, J.

> The Impact of Policy Changes on Forecasting for School Districts. <u>Population Research and Policy Review</u>, Vol. 15, No. 5-6, December 1996

McKibben, J., M. Gann, and K. Faust.

> The Baby Boomlet's Role in Future College Enrollment. <u>American Demographics</u>, June 1999.

Peters, G. and R. Larkin

> Population Geography. 7th Edition. Dubuque, IA: Kendall Hunt Publishing. 2002.

Siegel, J. and D. Swanson

> <u>The Methods and Materials of Demography: Second Edition</u>, Academic Press: New York, New York. 2004.

Smith, S., J. Tayman and D. Swanson

> <u>State and Local Population Projections</u>, Academic Press, New York, New York. 2001.

Needham Public Schools: Total District Enrollment

	2010-11	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	2029-30
PK	76	74	82	84	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82
K	363	398	414	406	365	378	374	372	367	361	357	349	343	336	341	331	326	318	313	317
1	439	384	419	441	449	405	414	408	401	394	388	380	372	362	355	350	343	338	330	325
2	422	447	390	419	444	454	410	419	413	406	405	399	390	381	371	365	360	353	348	340
3	436	417	450	413	416	450	460	416	425	419	417	416	410	401	391	384	377	371	364	359
4	485	431	419	444	409	416	450	460	416	425	426	424	423	417	408	402	395	388	382	374
5	430	491	427	436	439	413	420	454	464	420	436	437	435	434	428	421	414	407	400	394
Total: K-5	2575	2568	2519	2559	2522	2516	2528	2529	2486	2425	2429	2405	2373	2331	2294	2253	2215	2175	2137	2109
6	448	438	482	427	451	443	417	424	459	469	428	445	446	444	443	439	432	424	417	410
7	424	413	421	467	404	433	425	400	407	441	455	415	432	433	431	434	430	423	416	409
8	405	419	410	404	457	396	424	417	392	399	437	450	411	428	429	427	430	426	419	412
Total: 7-8	829	832	831	871	861	829	849	817	799	840	892	865	843	861	860	861	860	849	835	821
9	380	400	420	414	400	452	392	420	413	388	397	435	448	409	426	428	426	429	425	418
10	373	371	398	417	418	397	449	389	417	410	385	394	432	445	406	424	426	424	427	423
11	367	378	369	382	416	414	393	445	385	413	406	381	390	419	432	396	413	415	413	416
12	329	373	366	363	389	415	413	392	444	384	412	405	380	394	423	438	402	419	421	419
SP	0	0	9	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Total: 9-12	1449	1522	1562	1582	1631	1686	1655	1654	1667	1603	1608	1623	1658	1675	1695	1694	1675	1695	1694	1684
Total: K-12	5377	5434	5476	5523	5547	5556	5531	5506	5493	5419	5439	5420	5402	5393	5374	5329	5264	5225	5165	5106
Total: K-12	5377	5434	5476	5523	5547	5556	5531	5506	5493	5419	5439	5420	5402	5393	5374	5329	5264	5225	5165	5106
Change		57	42	47	24	9	-25	-25	-13	-74	20	-19	-18	-9	-19	-35	-65	-39	-60	-59
%-Change		1.1%	0.8%	0.9%	0.4%	0.2%	-0.4%	-0.5%	-0.2%	-1.3%	0.4%	-0.3%	-0.3%	-0.2%	-0.4%	-0.7%	-1.2%	-0.7%	-1.1%	-1.1%
Total: K-5	2575	2568	2519	2559	2522	2516	2528	2529	2486	2425	2429	2405	2373	2331	2294	2253	2215	2175	2137	2109
Change		-7	-49	40	-37	-6	12	1	-43	-61	4	-24	-32	-42	-37	-31	-38	-40	-38	-28
%-Change		-0.3%	-1.9%	1.6%	-1.4%	-0.2%	0.5%	0.0%	-1.7%	-2.5%	0.2%	-1.0%	-1.3%	-1.8%	-1.6%	-1.4%	-1.7%	-1.8%	-1.7%	-1.3%
Total: 6	448	438	482	427	451	443	417	424	459	469	428	445	446	444	443	439	432	424	417	410
Change		-10	44	-55	24	-8	-26	7	35	10	-41	17	1	-2	-1	-4	-7	-8	-7	-7
%-Change		-2.2%	10.0%	-11.4%	5.6%	-1.8%	-5.9%	1.7%	8.3%	2.2%	-8.7%	4.0%	0.2%	-0.4%	-0.2%	-0.9%	-1.6%	-1.9%	-1.7%	-1.7%
Total: 7-8	829	832	831	871	861	829	849	817	799	840	892	865	843	861	860	861	860	849	835	821
Change		3	-1	40	-10	-32	20	-32	-18	41	52	-27	-22	18	-1	1	-1	-11	-14	-14
%-Change		0.4%	-0.1%	4.8%	-1.1%	-3.7%	2.4%	-3.8%	-2.2%	5.1%	6.2%	-3.0%	-2.5%	2.1%	-0.1%	0.1%	-0.1%	-1.3%	-1.6%	-1.7%
Total: 9-12	1449	1522	1562	1582	1631	1686	1655	1654	1667	1603	1608	1623	1658	1675	1695	1694	1675	1695	1694	1684

Needham Public Schools: Total District Enrollment

	2010-11	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	2029-30
Change		73	40	20	49	55	-31	-1	13	-64	5	15	35	17	20	-1	-19	20	-1	-10
%-Change		5.0%	2.6%	1.3%	3.1%	3.4%	-1.8%	-0.1%	0.8%	-3.8%	0.3%	0.9%	2.2%	1.0%	1.2%	-0.1%	-1.1%	1.2%	-0.1%	-0.6%

Broadmeadow Elementary

	2010-11	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	2029-30
K	79	83	100	84	76	84	84	86	86	85	83	82	82	81	82	79	77	74	72	73
1	116	84	89	108	104	93	96	95	94	93	92	90	89	87	86	84	82	80	77	75
2	87	117	88	92	106	106	95	98	97	96	96	95	93	92	90	89	87	85	83	80
3	107	87	119	94	93	109	109	98	101	100	100	100	99	97	96	94	93	90	88	86
4	117	105	87	120	89	92	108	108	97	100	101	101	101	100	98	98	96	95	92	90
5	104	115	105	87	113	88	91	107	107	96	101	102	102	102	101	100	100	98	97	94
Total K-5	610	591	588	585	581	572	583	592	582	570	573	570	566	559	553	544	535	522	509	498
Total K-5	610	591	588	585	581	572	583	592	582	570	573	570	566	559	553	544	535	522	509	498
Change		-19	-3	-3	-4	-9	11	9	-10	-12	3	-3	-4	-7	-6	-6	-9	-13	-13	-11
% Change		-3.1%	-0.5%	-0.5%	-0.7%	-1.5%	1.9%	1.5%	-1.7%	-2.1%	0.5%	-0.5%	-0.7%	-1.2%	-1.1%	-1.1%	-1.7%	-2.4%	-2.5%	-2.2%

Eliot Elementary

	2010-11	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	2029-30
K	53	62	59	58	57	65	64	63	62	60	59	58	56	55	56	56	56	55	55	56
1	73	54	65	65	67	63	72	71	69	67	65	63	62	60	59	59	58	58	57	57
2	69	68	56	67	71	69	65	74	73	71	70	68	66	64	62	61	61	60	60	59
3	70	69	66	61	63	72	70	66	75	74	72	71	69	67	65	64	63	63	62	62
4	83	70	70	62	67	65	74	72	68	77	77	75	74	72	70	68	67	66	66	64
5	61	86	71	74	65	70	68	77	75	71	81	81	79	78	76	74	71	70	69	69
Total: K-5	409	409	387	387	390	404	413	423	422	420	424	416	406	396	388	382	376	372	369	367
Total: K-5	409	409	387	387	390	404	413	423	422	420	424	416	406	396	388	382	376	372	369	367
Change		0	-22	0	3	14	9	10	-1	-2	4	-8	-10	-10	-8	-5	-6	-4	-3	-2
% Change		0.0%	-5.4%	0.0%	0.8%	3.6%	2.2%	2.4%	-0.2%	-0.5%	1.0%	-1.9%	-2.4%	-2.5%	-2.0%	-1.3%	-1.6%	-1.1%	-0.8%	-0.5%

Hillside Elementary

	2010-11	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	2029-30
K	61	73	72	71	57	68	67	66	64	63	63	61	60	58	59	56	55	53	52	53
1	64	67	76	73	79	64	74	73	71	69	68	67	65	63	61	60	58	57	55	54
2	73	63	66	72	75	78	63	73	72	70	70	69	68	66	64	62	61	59	58	56
3	72	76	61	73	72	77	80	65	75	74	73	73	72	71	69	67	64	63	61	60
4	100	68	77	59	76	73	78	81	66	76	75	74	74	73	72	71	69	66	65	63
5	59	98	67	81	62	78	75	80	83	68	79	78	77	77	76	75	74	72	69	68
Total: K-5	429	445	419	429	421	438	437	438	431	420	428	422	416	408	401	391	381	370	360	354
Total: K-5	429	445	419	429	421	438	437	438	431	420	428	422	416	408	401	391	381	370	360	354
Change		16	-26	10	-8	17	-1	1	-7	-11	8	-6	-6	-8	-7	-8	-10	-11	-10	-6
% Change		3.7%	-5.8%	2.4%	-1.9%	4.0%	-0.2%	0.2%	-1.6%	-2.6%	1.9%	-1.4%	-1.4%	-1.9%	-1.7%	-2.0%	-2.6%	-2.9%	-2.7%	-1.7%

Mitchell Elementary

	2010-11	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	2029-30
K	71	78	80	74	78	75	74	73	72	71	70	68	67	65	66	63	61	60	58	59
1	84	77	80	88	75	82	80	79	78	77	76	74	72	70	68	66	65	63	62	60
2	81	89	80	79	86	76	83	81	80	79	79	78	75	73	71	70	68	67	65	64
3	86	79	90	87	78	87	77	84	82	81	81	81	80	77	74	73	72	70	69	67
4	71	85	81	88	87	77	86	76	83	81	82	82	82	81	78	76	75	74	72	71
5	81	74	84	82	86	86	76	85	75	82	82	83	83	83	82	80	78	77	76	74
Total K-5	474	482	495	498	490	483	476	478	470	471	470	466	459	449	439	428	419	411	402	395
Total K-5	474	482	495	498	490	483	476	478	470	471	470	466	459	449	439	428	419	411	402	395
Change		8	13	3	-8	-7	-7	2	-8	1	-1	-4	-7	-10	-10	-8	-9	-8	-9	-7
% Change		1.7%	2.7%	0.6%	-1.6%	-1.4%	-1.4%	0.4%	-1.7%	0.2%	-0.2%	-0.9%	-1.5%	-2.2%	-2.2%	-1.8%	-2.1%	-1.9%	-2.2%	-1.7%

Newman Elementary

	2010-11	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	2029-30
K	99	102	103	119	97	86	85	84	83	82	82	80	78	77	78	77	77	76	76	76
1	102	102	109	107	124	103	92	90	89	88	87	86	84	82	81	81	80	80	79	79
2	112	110	100	109	106	125	104	93	91	90	90	89	88	86	84	83	83	82	82	81
3	101	106	114	98	110	105	124	103	92	90	91	91	90	89	87	86	85	85	84	84
4	114	103	104	115	90	109	104	123	102	91	91	92	92	91	90	89	88	87	87	86
5	125	118	100	112	113	91	110	105	124	103	93	93	94	94	93	92	91	90	89	89
Total K-5	653	641	630	660	640	619	619	598	581	544	534	531	526	519	513	508	504	500	497	495
Total K-5	653	641	630	660	640	619	619	598	581	544	534	531	526	519	513	508	504	500	497	495
Change		-12	-11	30	-20	-21	0	-21	-17	-37	-10	-3	-5	-7	-6	-4	-4	-4	-3	-2
% Change		-1.8%	-1.7%	4.8%	-3.0%	-3.3%	0.0%	-3.4%	-2.8%	-6.4%	-1.8%	-0.6%	-0.9%	-1.3%	-1.2%	-0.8%	-0.8%	-0.8%	-0.6%	-0.4%

High Rock

	2010-11	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	2029-30
6	448	438	482	427	451	443	417	424	459	469	428	445	446	444	443	439	432	424	417	410
Total: 6	448	438	482	427	451	443	417	424	459	469	428	445	446	444	443	439	432	424	417	410
Total: 6	448	438	482	427	451	443	417	424	459	469	428	445	446	444	443	439	432	424	417	410
Change		-10	44	-55	24	-8	-26	7	35	10	-41	17	1	-2	-1	-4	-7	-8	-7	-7
% Change		-2.2%	10.0%	-11.4%	5.6%	-1.8%	-5.9%	1.7%	8.3%	2.2%	-8.7%	4.0%	0.2%	-0.4%	-0.2%	-0.9%	-1.6%	-1.9%	-1.7%	-1.7%

Pollard Middle School

	2010-11	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	2029-30
7	424	413	421	467	404	433	425	400	407	441	455	415	432	433	431	434	430	423	416	409
8	405	419	410	404	457	396	424	417	392	399	437	450	411	428	429	427	430	426	419	412
Total: 7-8	829	832	831	871	861	829	849	817	799	840	892	865	843	861	860	861	860	849	835	821
Total: 7-8	829	832	831	871	861	829	849	817	799	840	892	865	843	861	860	861	860	849	835	821
Change		3	-1	40	-10	-32	20	-32	-18	41	52	-27	-22	18	-1	1	-1	-11	-14	-14
% Change		0.4%	-0.1%	4.8%	-1.1%	-3.7%	2.4%	-3.8%	-2.2%	5.1%	6.2%	-3.0%	-2.5%	2.1%	-0.1%	0.1%	-0.1%	-1.3%	-1.6%	-1.7%

Needham High School

	2010-11	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	2029-30
9	380	400	420	414	400	452	392	420	413	388	397	435	448	409	426	428	426	429	425	418
10	373	371	398	417	418	397	449	389	417	410	385	394	432	445	406	424	426	424	427	423
11	367	378	369	382	416	414	393	445	385	413	406	381	390	419	432	396	413	415	413	416
12	329	373	366	363	389	415	413	392	444	384	412	405	380	394	423	438	402	419	421	419
Total: 9-12	1449	1522	1553	1576	1623	1678	1647	1646	1659	1595	1600	1615	1650	1667	1687	1686	1667	1687	1686	1676
Total: 9-12	1449	1522	1553	1576	1623	1678	1647	1646	1659	1595	1600	1615	1650	1667	1687	1686	1667	1687	1686	1676
Change		73	31	23	47	55	-31	-1	13	-64	5	15	35	17	20	-1	-19	20	-1	-10
% Change		5.0%	2.0%	1.5%	3.0%	3.4%	-1.8%	-0.1%	0.8%	-3.9%	0.3%	0.9%	2.2%	1.0%	1.2%	-0.1%	-1.1%	1.2%	-0.1%	-0.6%

Needham Public Schools

	2010	2015	2020	2025	2030
Males					
0-4	919	920	840	800	760
5-9	1,279	1,170	1,210	1,110	1,050
10-14	1,270	1,310	1,210	1,240	1,150
15-19	990	1,010	1,030	960	1,010
20-24	554	610	620	650	610
25-29	361	460	540	530	540
30-34	420	560	650	750	740
35-39	858	630	760	830	920
40-44	1,093	880	670	810	890
45-49	1,208	1,080	860	650	830
50-54	1,161	1,180	1,070	850	630
55-59	997	1,140	1,140	1,040	830
60-64	887	920	1,040	1,100	970
65-69	545	780	820	950	1,000
70-74	376	390	600	650	760
75-79	367	320	340	530	540
80-84	308	350	280	310	490
85+	331	320	320	310	300
Total	13,924	14,030	14,000	14,070	14,020
Females					
0-4	952	890	820	780	740
5-9	1,209	1,210	1,190	1,090	1,020
10-14	1,197	1,240	1,240	1,210	1,120
15-19	873	920	960	990	980
20-24	427	480	560	570	640
25-29	352	330	420	470	480
30-34	559	560	540	640	680
35-39	897	760	770	730	800
40-44	1,200	920	810	820	760
45-49	1,315	1,190	920	810	830
50-54	1,258	1,300	1,190	910	790
55-59	1,048	1,240	1,280	1,170	910
60-64	914	990	1,160	1,240	1,110
65-69	640	830	900	1,100	1,160
70-74	498	530	700	790	950
75-79	463	420	440	610	670
80-84	468	450	390	420	580
85+	710	750	740	720	710
Total	14,980	15,010	15,030	15,070	14,930
Total					
0-4	1,871	1,810	1,660	1,580	1,500
5-9	2,488	2,380	2,400	2,200	2,070
10-14	2,467	2,550	2,450	2,450	2,270
15-19	1,863	1,930	1,990	1,950	1,990
20-24	981	1,090	1,180	1,220	1,250
25-29	713	790	960	1,000	1,020
30-34	979	1,120	1,190	1,390	1,420
35-39	1,755	1,390	1,530	1,560	1,720
40-44	2,293	1,800	1,480	1,630	1,650
45-49	2,523	2,270	1,780	1,460	1,660
50-54	2,419	2,480	2,260	1,760	1,420
55-59	2,045	2,380	2,420	2,210	1,740
60-64	1,801	1,910	2,200	2,340	2,080
65-69	1,185	1,610	1,720	2,050	2,160
70-74	874	920	1,300	1,440	1,710
75-79	830	740	780	1,140	1,210
80-84	776	800	670	730	1,070
85+	1,041	1,070	1,060	1,030	1,010
Total	28,904	29,040	29,030	29,140	28,950
Median Age	42.9	44.1	43.9	43.7	43.7

	2010-2015	2015-2020	2020-2025	2025-2030
Births	1,120	1,110	1,190	1,170
Deaths	1,410	1,490	1,510	1,570
Natural Increase	-290	-380	-320	-400
Net Migration	410	400	350	320
Change	120	20	30	-80

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

Broadmeadow Elementary

	2010	2015	2020	2025	2030
Males					
0-4	196	190	180	170	150
5-9	280	250	250	230	220
10-14	287	290	260	250	240
15-19	172	220	220	200	200
20-24	67	70	110	100	100
25-29	50	40	40	70	60
30-34	52	80	70	100	120
35-39	182	120	150	130	150
40-44	222	190	130	160	140
45-49	249	220	180	130	160
50-54	205	240	220	180	120
55-59	203	200	240	210	180
60-64	165	190	190	230	200
65-69	92	140	170	180	210
70-74	77	60	100	130	140
75-79	61	70	50	90	110
80-84	58	60	60	50	80
85+	38	50	50	60	50
Total	2,652	2,680	2,670	2,670	2,630
Females					
0-4	195	180	180	170	150
5-9	282	250	240	230	220
10-14	258	290	260	240	230
15-19	168	190	220	200	190
20-24	71	60	80	100	100
25-29	47	40	30	40	60
30-34	75	80	80	90	90
35-39	197	140	150	140	140
40-44	243	200	150	160	140
45-49	263	240	200	150	160
50-54	236	260	240	200	150
55-59	191	230	260	240	200
60-64	164	190	230	250	230
65-69	116	140	160	220	230
70-74	95	90	110	140	180
75-79	94	80	70	100	120
80-84	85	90	80	70	90
85+	70	100	110	120	120
Total	2,846	2,850	2,850	2,860	2,800
Total					
0-4	391	370	360	340	300
5-9	562	500	490	460	440
10-14	545	580	520	490	470
15-19	340	410	440	400	390
20-24	138	130	190	200	200
25-29	97	80	70	110	120
30-34	127	160	150	190	210
35-39	378	260	300	270	290
40-44	465	390	280	320	280
45-49	512	460	380	280	320
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	400	440
70-74	172	150	210	270	320
75-79	155	150	120	190	230
80-84	142	150	140	120	170
85+	107	150	160	180	170
Total	5,498	5,530	5,520	5,530	5,430
Median Age	41.9	43.5	44.3	44.8	45.2

	2015	2020	2025	2030
Births	190	170	190	180
Deaths	230	250	270	280
Natural Increase	-40	-80	-80	-100
Net Migration	70	70	60	50
Change	30	-10	-20	-50

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

Eliot Elementary

	2010	2015	2020	2025	2030
Males					
0-4	135	150	130	130	130
5-9	196	170	190	170	170
10-14	184	200	180	200	180
15-19	116	160	170	150	170
20-24	82	80	90	100	90
25-29	80	90	90	100	100
30-34	102	120	140	140	150
35-39	137	130	140	170	160
40-44	197	130	150	160	190
45-49	178	190	130	150	160
50-54	183	170	190	130	150
55-59	141	180	170	190	130
60-64	125	120	150	160	160
65-69	75	100	90	130	140
70-74	52	50	70	70	100
75-79	73	40	40	60	50
80-84	56	70	30	30	50
85+	59	60	60	50	40
Total	2,168	2,210	2,210	2,290	2,320
Females					
0-4	147	140	130	130	120
5-9	175	180	190	170	170
10-14	167	180	190	200	180
15-19	130	140	150	160	160
20-24	60	90	80	70	100
25-29	77	70	100	80	80
30-34	123	110	120	150	130
35-39	142	150	140	150	170
40-44	188	140	180	160	170
45-49	191	190	140	180	160
50-54	201	190	190	140	170
55-59	165	200	190	180	140
60-64	120	140	170	180	160
65-69	85	100	120	150	160
70-74	85	70	80	100	130
75-79	93	70	50	60	80
80-84	85	90	60	50	60
85+	138	140	140	130	110
Total	2,369	2,390	2,420	2,440	2,450
Total					
0-4	281	290	260	260	250
5-9	370	350	380	340	340
10-14	350	380	370	400	360
15-19	245	300	320	310	330
20-24	142	170	170	170	190
25-29	157	160	190	180	180
30-34	225	230	260	290	280
35-39	279	280	280	320	330
40-44	385	270	330	320	360
45-49	369	380	270	330	320
50-54	384	360	380	270	320
55-59	306	380	360	370	270
60-64	245	260	320	340	320
65-69	160	200	210	280	300
70-74	137	120	150	170	230
75-79	165	110	90	120	130
80-84	141	160	90	80	110
85+	197	200	200	180	150
Total	4,537	4,600	4,630	4,730	4,770
Median Age	42.8	42.6	41.3	41.5	41.7

Births	200	210	210	200
Deaths	240	250	230	220
Natural Increase	-40	-40	-20	-20
Net Migration	90	90	80	80
Change	50	50	60	60

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

Hillside Elementary

	2010	2015	2020	2025	2030
Males					
0-4	169	160	150	150	140
5-9	205	200	200	180	170
10-14	199	210	200	210	190
15-19	240	170	140	160	170
20-24	207	180	140	120	140
25-29	95	160	150	120	100
30-34	100	130	180	170	140
35-39	170	150	180	220	210
40-44	202	180	150	180	220
45-49	210	200	180	150	180
50-54	222	210	200	180	140
55-59	199	220	200	190	170
60-64	171	190	210	190	180
65-69	113	160	180	180	170
70-74	76	90	130	140	140
75-79	64	70	80	110	110
80-84	80	60	60	80	110
85+	129	100	80	70	70
Total	2,848	2,840	2,810	2,800	2,750
Females					
0-4	173	160	150	140	130
5-9	205	200	200	180	160
10-14	174	210	200	200	180
15-19	205	140	140	160	160
20-24	146	150	120	120	140
25-29	96	100	120	100	100
30-34	130	140	130	140	120
35-39	167	180	190	170	180
40-44	214	180	180	180	160
45-49	265	210	180	180	180
50-54	242	260	210	180	180
55-59	188	240	260	210	180
60-64	191	180	230	250	200
65-69	125	180	180	210	230
70-74	103	110	160	150	180
75-79	102	90	100	140	120
80-84	137	100	80	90	140
85+	320	290	250	210	190
Total	3,182	3,120	3,080	3,010	2,930
Total					
0-4	341	320	300	290	270
5-9	410	400	400	360	330
10-14	373	420	400	410	370
15-19	445	310	280	320	330
20-24	353	330	260	240	280
25-29	191	260	270	220	200
30-34	230	270	310	310	260
35-39	337	330	370	390	390
40-44	416	360	330	360	380
45-49	475	410	360	330	360
50-54	463	470	410	360	320
55-59	388	460	460	400	350
60-64	362	370	440	440	380
65-69	238	340	360	390	400
70-74	179	200	290	290	320
75-79	165	160	180	250	230
80-84	217	160	140	170	250
85+	449	390	330	280	260
Total	6,030	5,960	5,890	5,810	5,680
Median Age	44.0	44.7	45.3	45.1	45.4

	2015	2020	2025	2030
Births	270	250	250	230
Deaths	400	370	350	350
Natural Increase	-130	-120	-100	-120
Net Migration	50	50	40	40
Change	-80	-70	-60	-80

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

Mitchell Elementary

	2010	2015	2020	2025	2030
Males					
0-4	171	140	140	130	130
5-9	216	230	230	220	200
10-14	212	220	240	240	220
15-19	144	180	190	210	210
20-24	74	70	100	120	140
25-29	40	50	40	50	40
30-34	72	80	90	80	100
35-39	142	100	110	110	120
40-44	188	150	110	110	120
45-49	202	190	150	100	110
50-54	182	200	180	140	100
55-59	170	180	180	180	140
60-64	148	150	150	180	170
65-69	87	130	130	140	160
70-74	49	60	100	100	120
75-79	46	30	50	90	90
80-84	32	40	30	40	80
85+	31	30	40	30	40
Total	2,203	2,230	2,260	2,270	2,290
Females					
0-4	173	140	130	120	130
5-9	246	240	230	210	190
10-14	206	250	240	230	220
15-19	126	170	220	210	210
20-24	46	50	100	150	140
25-29	45	20	30	50	80
30-34	76	90	60	70	100
35-39	153	100	120	90	100
40-44	212	160	110	120	90
45-49	205	210	160	110	120
50-54	201	200	210	160	110
55-59	182	200	190	210	160
60-64	151	170	170	190	200
65-69	87	140	140	170	180
70-74	67	70	110	130	150
75-79	40	50	50	100	110
80-84	47	40	50	50	90
85+	58	70	70	70	70
Total	2,318	2,370	2,390	2,440	2,450
Total					
0-4	344	280	270	250	260
5-9	461	470	460	430	390
10-14	417	470	480	470	440
15-19	270	350	410	420	420
20-24	120	120	200	270	280
25-29	85	70	70	100	120
30-34	148	170	150	150	200
35-39	294	200	230	200	220
40-44	400	310	220	230	210
45-49	407	400	310	210	230
50-54	383	400	390	300	210
55-59	351	380	370	390	300
60-64	299	320	320	370	370
65-69	174	270	270	310	340
70-74	116	130	210	230	270
75-79	86	80	100	190	200
80-84	79	80	80	90	170
85+	88	100	110	100	110
Total	4,521	4,600	4,650	4,710	4,740
Median Age	41.5	42.7	41.3	41.4	41.0

	2015	2020	2025	2030
Births	150	150	170	190
Deaths	170	190	200	220
Natural Increase	-20	-40	-30	-30
Net Migration	90	90	80	70
Change	70	50	50	40

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

Newman Elementary

	2010	2015	2020	2025	2030
Males					
0-4	249	280	240	220	210
5-9	383	320	340	310	290
10-14	389	390	330	340	320
15-19	319	280	310	240	260
20-24	125	210	180	210	140
25-29	96	120	220	190	240
30-34	95	150	170	260	230
35-39	229	130	180	200	280
40-44	285	230	130	200	220
45-49	370	280	220	120	220
50-54	369	360	280	220	120
55-59	284	360	350	270	210
60-64	278	270	340	340	260
65-69	178	250	250	320	320
70-74	123	130	200	210	260
75-79	124	110	120	180	180
80-84	83	120	100	110	170
85+	75	80	90	100	100
Total	4,053	4,070	4,050	4,040	4,030
Females					
0-4	266	270	230	220	210
5-9	302	340	330	300	280
10-14	394	310	350	340	310
15-19	245	280	230	260	260
20-24	105	130	180	130	160
25-29	87	100	140	200	160
30-34	155	140	150	190	240
35-39	238	190	170	180	210
40-44	344	240	190	200	200
45-49	391	340	240	190	210
50-54	379	390	340	230	180
55-59	323	370	380	330	230
60-64	288	310	360	370	320
65-69	228	270	300	350	360
70-74	148	190	240	270	310
75-79	135	130	170	210	240
80-84	115	130	120	160	200
85+	125	150	170	190	220
Total	4,266	4,280	4,290	4,320	4,300
Total					
0-4	514	550	470	440	420
5-9	685	660	670	610	570
10-14	783	700	680	680	630
15-19	563	560	540	500	520
20-24	230	340	360	340	300
25-29	183	220	360	390	400
30-34	249	290	320	450	470
35-39	467	320	350	380	490
40-44	628	470	320	400	420
45-49	761	620	460	310	430
50-54	749	750	620	450	300
55-59	607	730	730	600	440
60-64	566	580	700	710	580
65-69	406	520	550	670	680
70-74	271	320	440	480	570
75-79	259	240	290	390	420
80-84	197	250	220	270	370
85+	201	230	260	290	320
Total	8,319	8,350	8,340	8,360	8,330
Median Age	43.9	45.5	46.1	44.9	44.3

	2015	2020	2025	2030
Births	310	330	370	370
Deaths	370	430	460	500
Natural Increase	-60	-100	-90	-130
Net Migration	110	100	90	80
Change	50	0	0	-50

Differences between period Totals may not equal Change due to rounding.
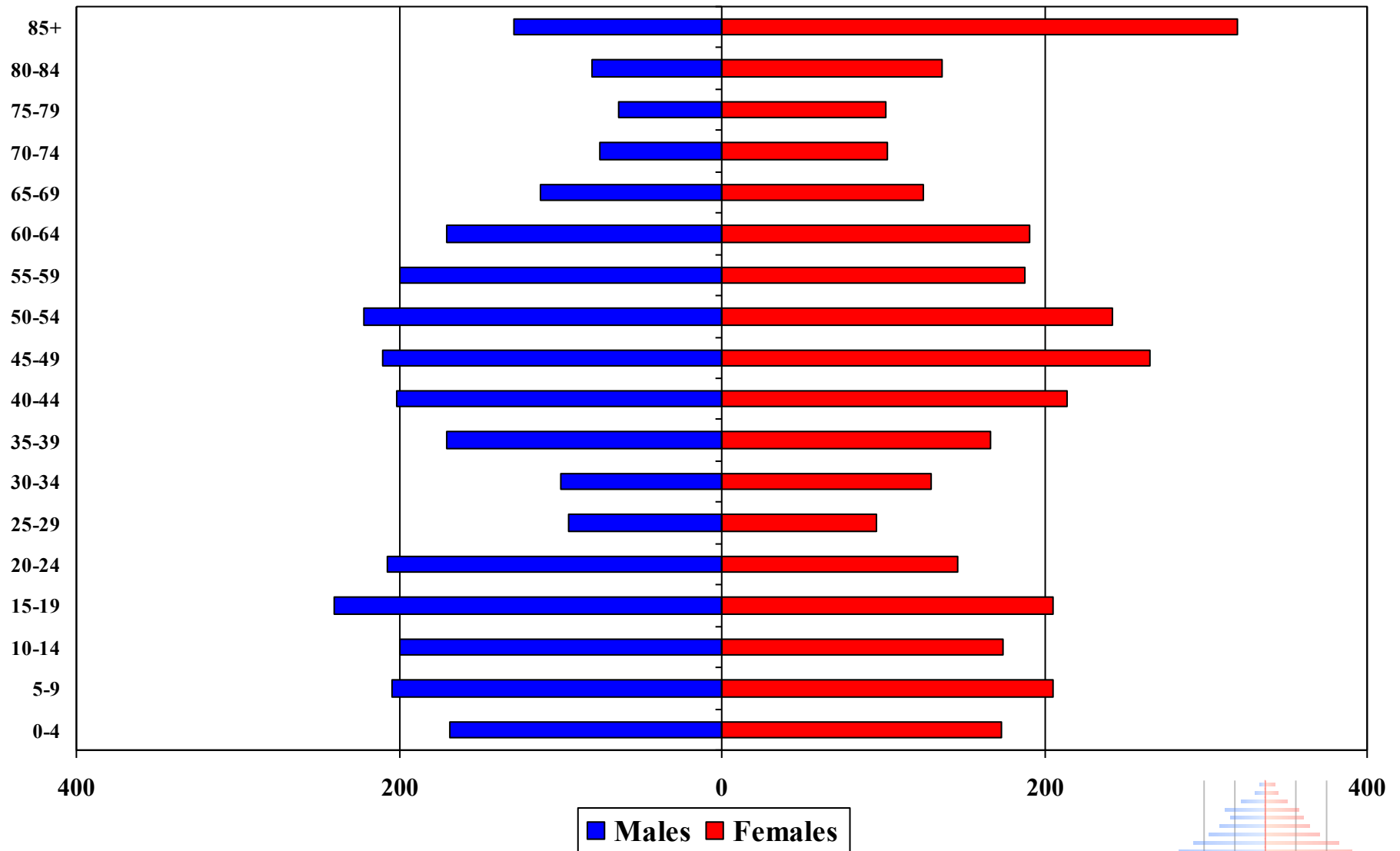
Needham, Massachusetts Total Population – 2010 Census

Males   Females

McKibben Demographics

Broadmeadow Elementary School– 2010 Census

	Males	Females
85+		
80-84		
75-79		
70-74		
65-69		
60-64		
55-59		
50-54		
45-49		
40-44		
35-39		
30-34		
25-29		
20-24		
15-19		
10-14		
5-9		
0-4		

400   200   0   200   400

■ **Males** ■ **Females**
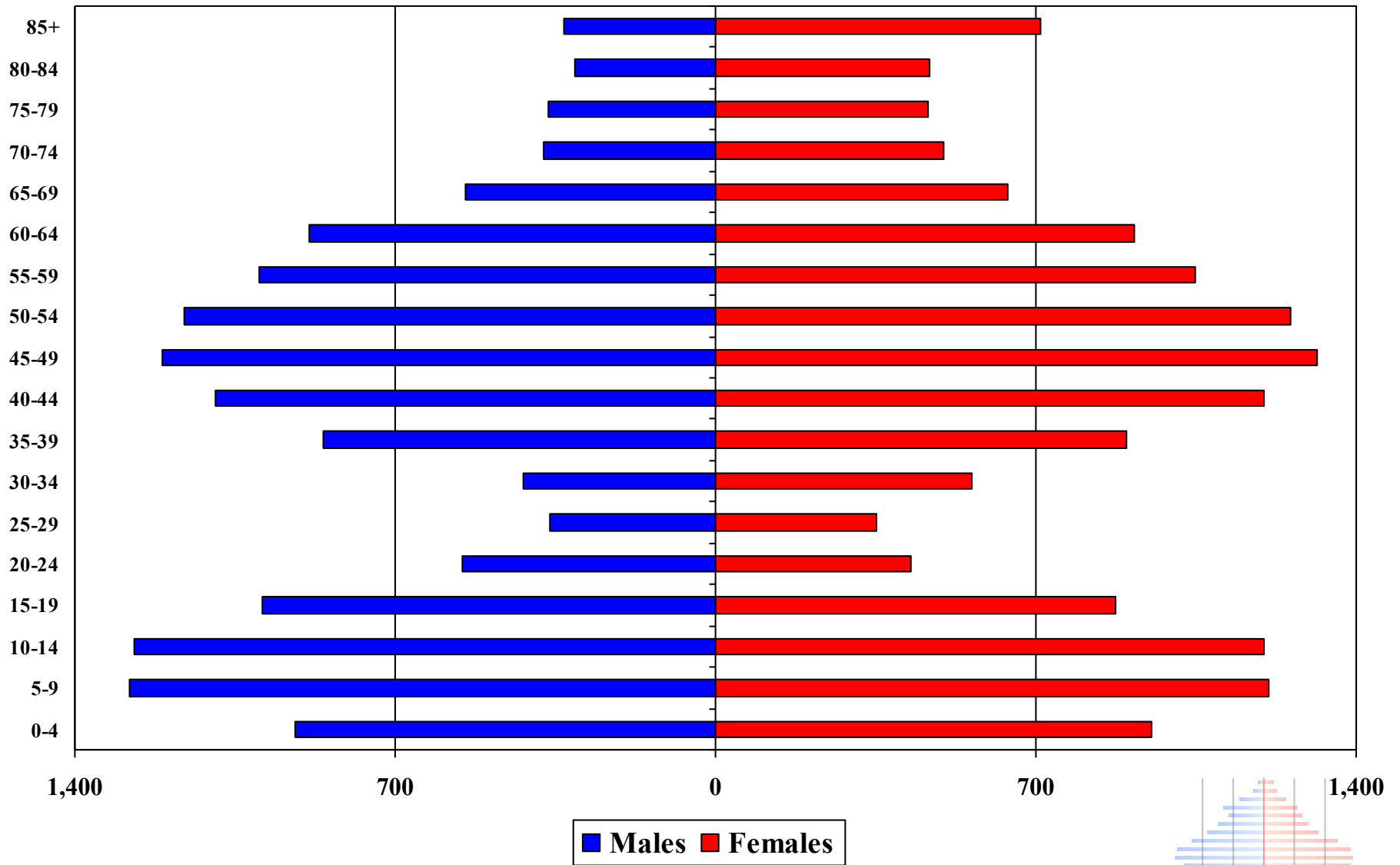
McKibben Demographics

Eliot Elementary School– 2010 Census

Males   Females
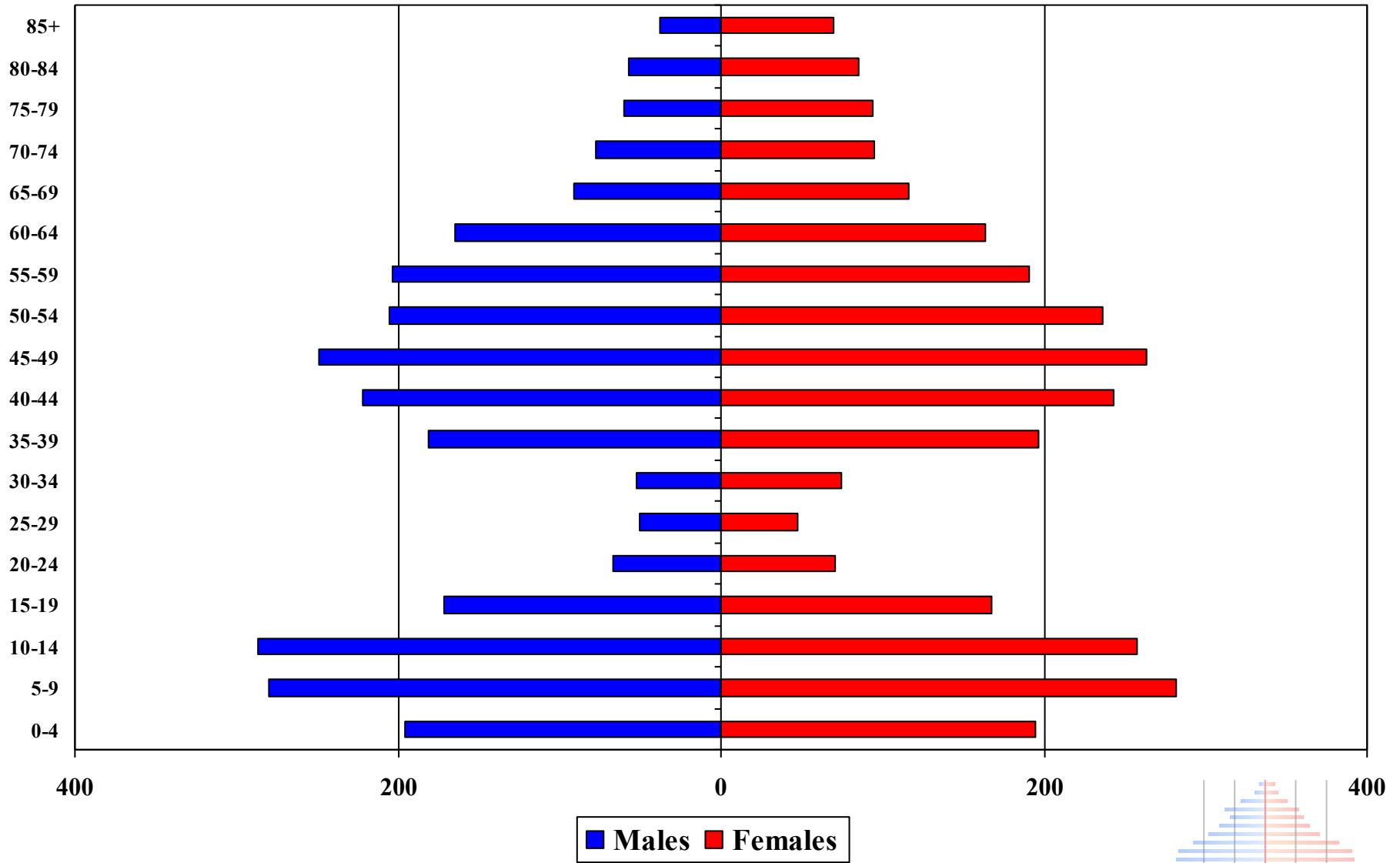
McKibben Demographics

Hillside Elementary School– 2010 Census

	Males	Females
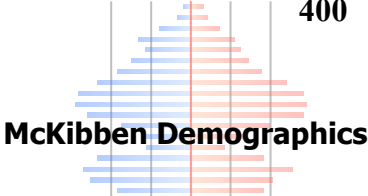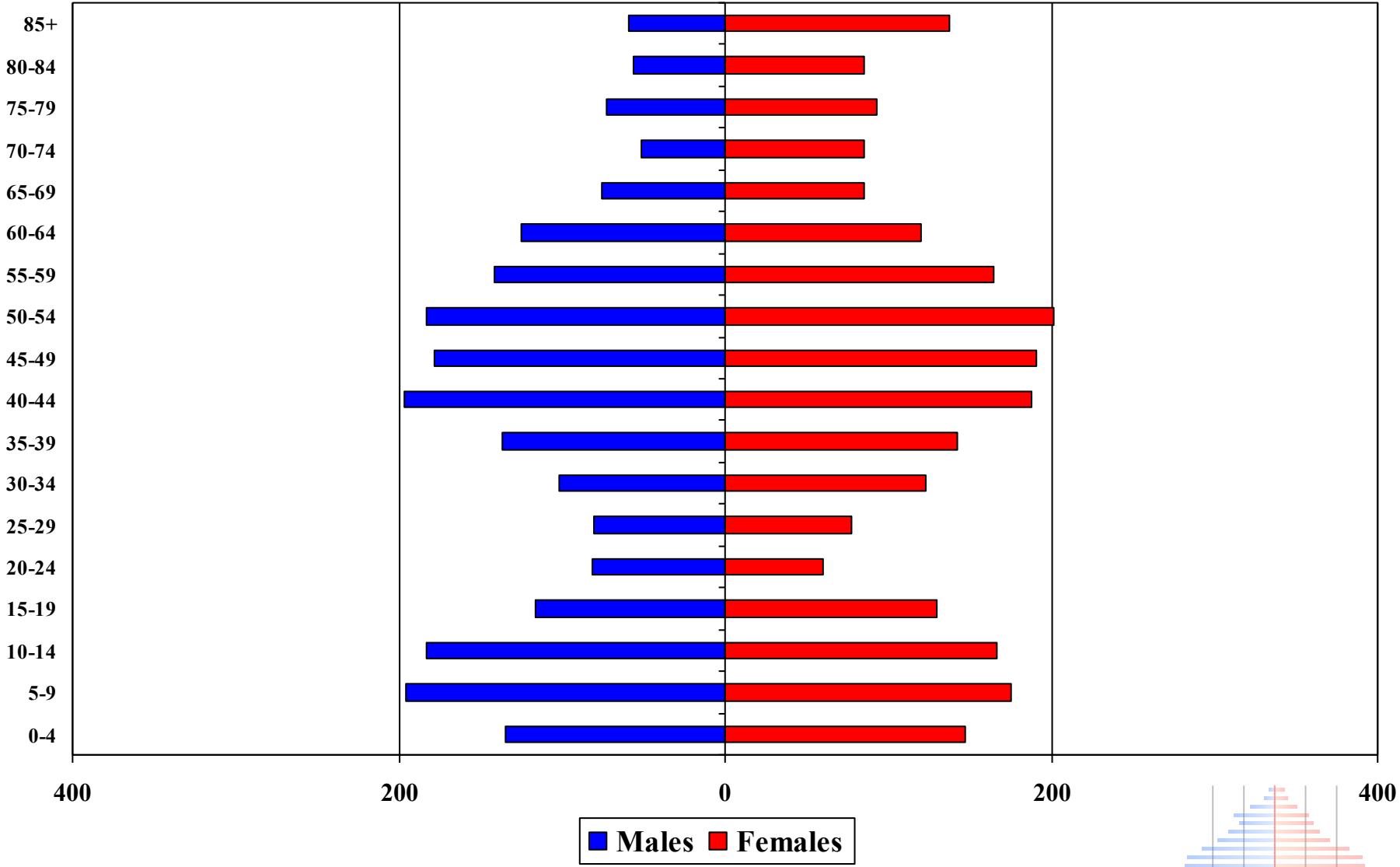
McKibben Demographics

Mitchell Elementary School– 2010 Census

Age groups (top to bottom): 85+, 80-84, 75-79, 70-74, 65-69, 60-64, 55-59, 50-54, 45-49, 40-44, 35-39, 30-34, 25-29, 20-24, 15-19, 10-14, 5-9, 0-4

X-axis: 400, 200, 0, 200, 400

■ Males   ■ Females

McKibben Demographics

Newman Elementary School– 2010 Census

	Males	Females

McKibben Demographics