

Enrollment Analysis Report

2019-2020 to 2024-2025

December 2019

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INTRODUCTION AND OVERVIEW

INTRODUCTION AND OVERVIEW

The Newton Public Schools system-wide K-12 enrollment was 12,611 students on October 1, 2019, a decrease of 74 students from last year. The thirteen years of enrollment growth from 2004 to 2017 is now reflected in every grade K-12. This is the second year of a decline in enrollment, mainly due to lower enrollment in kindergarten, grade 2, and grade 4 compared to last year. This decline in enrollment was projected for grade 2 and grade 4, but not for kindergarten. Projections for next year indicate a small decline in enrollment (of 15 students), as a larger grade 12 class graduates this summer than the combined total of projected incoming kindergartners and students moving into the district. The current five-year enrollment projections through 2024-25 show small overall district enrollment declines, as larger classes graduate grade 12 and smaller kindergarten classes are projected to enter. As in prior years, the current five-year enrollment projections include students projected to enroll from permitted residential developments (please see Appendix F for detailed information).

This is the fifth consecutive year of kindergarten enrollment under 900, which decreases the elementary projections over the next five years as these smaller cohorts of students progress through the elementary grades. The large fifth grade class (over 1,000 students) will also move into the middle schools next year. Even though projected kindergarten classes average 814 students over the next five years, strong cohort growth in first and second grades results in cohorts close to or over 900 students in grades 1 through 5 over the next five years. Because of this strong cohort growth, this year's class of 825 kindergarten students is projected to grow to 941 students by 2024 (when this class is in fifth grade).

District-wide, Newton's elementary enrollment is projected to decrease over the next five years from 5,626 students today to 5,349 students in 2024. Last year's projections had elementary enrollment in five years (from 2018 to 2023) at 5,583 students, a total of 200 more students than in the current projection for 2023 of 5,383 students. Three primary factors that impact growth are the reason for this change: the size of the incoming kindergarten class, the size of the outgoing fifth grade class, and cohort growth. The recent smaller size of kindergarten classes combined with large classes moving to middle school, even with continued cohort growth, results in lower elementary projections. Although the overall elementary projections over the next five years show an overall decrease, this is not consistent across individual elementary schools.

In contrast to the elementary schools, the middle schools have continued to grow; they have grown by 450 students (18%) from 2007 to the present. In 2007, average classes were 817 students; today, grade cohorts average 968 students, reflecting the growth from elementary schools in earlier years. This year's sixth grade class of 995 students was the kindergarten class of 2013-2014, which was 958 students. Middle schools are projected to grow by 123 students (4.2%) next year, mainly driven by the arrival of the large elementary cohort currently in grade 5. Total enrollment is projected to be over 3,000 students, with more than 1,000 students in grade 6. Middle school enrollment totals decrease over the remaining four years of the projection, as the large cohorts move to high school and smaller cohorts come into middle school from grade 5. Over the five-year projection, middle school enrollment is projected to decline by 56 students from 2,903 students today to 2,847

students in 2024. Similar to elementary schools, although this decline is projected district-wide, it is not consistent across middle schools.

The high school growth trend that began in 2012 has resulted in an additional 514 students (since 2011), or 14% growth. This year, grades 10, 11, and 12 are enrolled at or above 1,000 students, and grade 9 is close to 1,000 students. During the next five years, the projected average grade size at the high schools is 1,000 or more students. Next year's total high school enrollment is projected to decline slightly from this year's enrollment, as a larger grade 12 class graduates and a smaller grade 9 class enters. Over the remaining four years of the projection, however, high school enrollment is projected to grow. Growth at the high school level since 2012 is the result of movement through the system of the earlier elementary and middle school growth. With the exception of next year, high school is the only level with district-wide projected growth over the five-year projection, with 201 students (5%) added.

This school year has seen a decrease in enrollment from last year for students currently enrolled as English Language Learners (ELL); however, there has been growth in the program of 82 students (13%) over the past ten years. There are 769 ELL students in 2019-20; of these, 541 are elementary students (10% of the elementary population). The percentage of students receiving special education services has decreased this year to 17% compared to 18% last year.

The Newton Early Childhood Program (NECP) currently enrolls 184 preschool children in integrated early childhood classrooms or in therapeutic services; enrollment typically increases during the course of the year. Special education students enrolled in out-of-district special education schools total 131 students based on the October 2019 Student Services Report, which includes 110 out of district placements and 21 agreements, and is an increase of 5 students from last year. Including these students, the district's full enrollment totals just over 12,900 students. Section V on Student Exits and Entrances and Appendix A on Student Population Detail contain additional information on preschool and outplaced special education student populations.

The K-12 district current enrollment of 12,611 is below the projection of 12,702 students made in November 2018, with a system-wide variance from projection of -91 students, or -0.7%. The elementary school grade level has the widest variance from projection of -98 students, or -1.7%, which is mainly due to lower than projected kindergarten, grade 3, and grade 4 classes. Variances of greater than 1% are considered significant. The middle school level also has a negative variance from projection of -10 students, or -0.3%. The high school level is enrolled slightly over projection, with +17 student, or +0.4%. With the exception of the 2015-16 school year (when the variance was -1.4%), system-wide variances from projection have been below 1%, typically around one-half of one percent in recent years.

This report details changes in enrollments by school since last year. It reviews current enrollments as compared with the November 2018 projections, and projects enrollments using five-year historical data considered in the context of local trends in real estate sales, new developments, student mobility, birth data, census data, housing trends and other factors. Actual 2019-20 enrollments presented in this report have changed slightly from the Preliminary Enrollment Report in October 2019, with a net decrease of 8 students.

The district has implemented two phases of student assignment changes in order to balance enrollments among district schools as first Angier and Zervas opened, followed by Cabot in 2019, each with expanded enrollment capacity. There are now three full years of experience built into the projection model associated with changes to Newton Public Schools elementary student assignment policies, approved in September 2015. The October 2018 student assignment changes have also been integrated into the five-year projections.

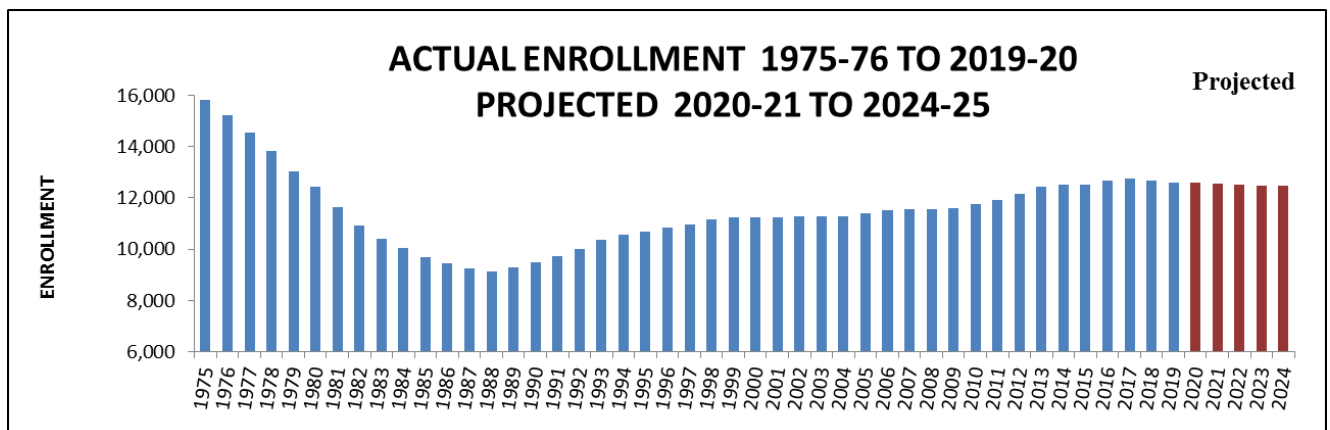
Future Enrollment

The traditional cohort survival method of enrollment projections using five-year historical data yields the projections for grades 1 through 12. The kindergarten projections have been calculated using an adjusted three-year average of previous kindergarten enrollments. This is the same basic methodology that has been used since 2013 with a slightly more conservative approach for projecting kindergarten. Using a 3-year average instead of a 4-year or 5-year average for kindergarten omits all recent peak kindergarten enrollment years, which lowers the projection. See Section II entitled *Enrollment Projection Method* for more information and discussion of the full methodology used in this year's forecast. The table below shows the projections for the next five years, as well the current year's enrollment.

Level	Actual 2019-20	Projections Using 5 Year Ratios*				
		2020-21	2021-22	2022-23	2023-24	2024-25
Elementary	5,626	5,513	5,471	5,405	5,383	5,349
Middle	2,903	3,026	2,984	2,962	2,855	2,847
High School	4,082	4,057	4,118	4,146	4,253	4,283
Total	12,611	12,596	12,573	12,513	12,491	12,479

* The projections include a separate forecast for kindergarten based on an adjusted three-year average of previous kindergarten enrollments.

The following graph is a representation of more than 40 years of enrollment in the Newton Public Schools, from 1975 to 2019, as well as projections from 2020 through 2024. The graph illustrates the trend of sustained increases during the 1990's, then a six-year period of stability, followed by the growth trend of thirteen years, the slight decline over the past two years, and the slight projected decline for the next five years.



Purpose of the Report

The Enrollment Analysis Report serves as the basis upon which Newton Public Schools conducts enrollment planning throughout the year, including the identification of potential needs for elementary buffer zones to balance enrollment at schools. This report also guides planning for any changes in the use of facilities that may be necessary in upcoming years and helps to identify short-term facility needs. The enrollment projections are also used to inform the long-range facility planning in which Newton is currently engaged, extending for the next twenty years. Enrollment projections for the next school year are embedded in the budget proposals for each upcoming year. As actual enrollments become known over the course of the year, planning assumptions are re-evaluated and adjusted. The annual enrollment analysis report thus supports district planning throughout the year and helps to inform the most effective and responsive decisions possible.

The Report

- I. Enrollment Trends for the System, Elementary and Secondary – an in-depth look at system-wide and grade distribution projections.
- II. Enrollment Projection Method and Accuracy of Projections – an overview and answers to commonly asked questions about the methodology.
- III. Enrollment History – a discussion of past enrollment trends for the district and for the elementary, middle, and high school grade configurations.
- IV. Individual School Reports – a detailed review including theoretical classroom distributions included for planning purposes to assess enrollment capacity (and are not staffing patterns).
- V. Student Exits and Entrances – data on student mobility in the previous school year, as well as preliminary entrance information for the current year.
- VI. Non-Public School/Private School Enrollments – data on Newton school age children who are eligible to attend but are enrolled outside the district and at private schools.

Appendices A through F

- Basic demographic information
- Data on preschool students
- Students in the METCO program
- English Language Learners and students receiving special education services
- City of Newton population growth by age group
- Current residential properties for sale in Newton and historical property sales
- New England School Development Council's (NESDEC) enrollment projections for Newton, discussed in detail in Section II
- Elementary school students by district with buffer zones
- Enrollment by high school feeder patterns
- Current elementary, middle and high school district maps
- Projections for enrollment from permitted residential developments

ENROLLMENT TRENDS

System-wide Projections

Elementary Projections

Secondary Projections

National, State and Local Trends

Rental Housing Complexes

Housing Trends in Newton

Trends in Housing Patterns of District Families

Real Estate Sales

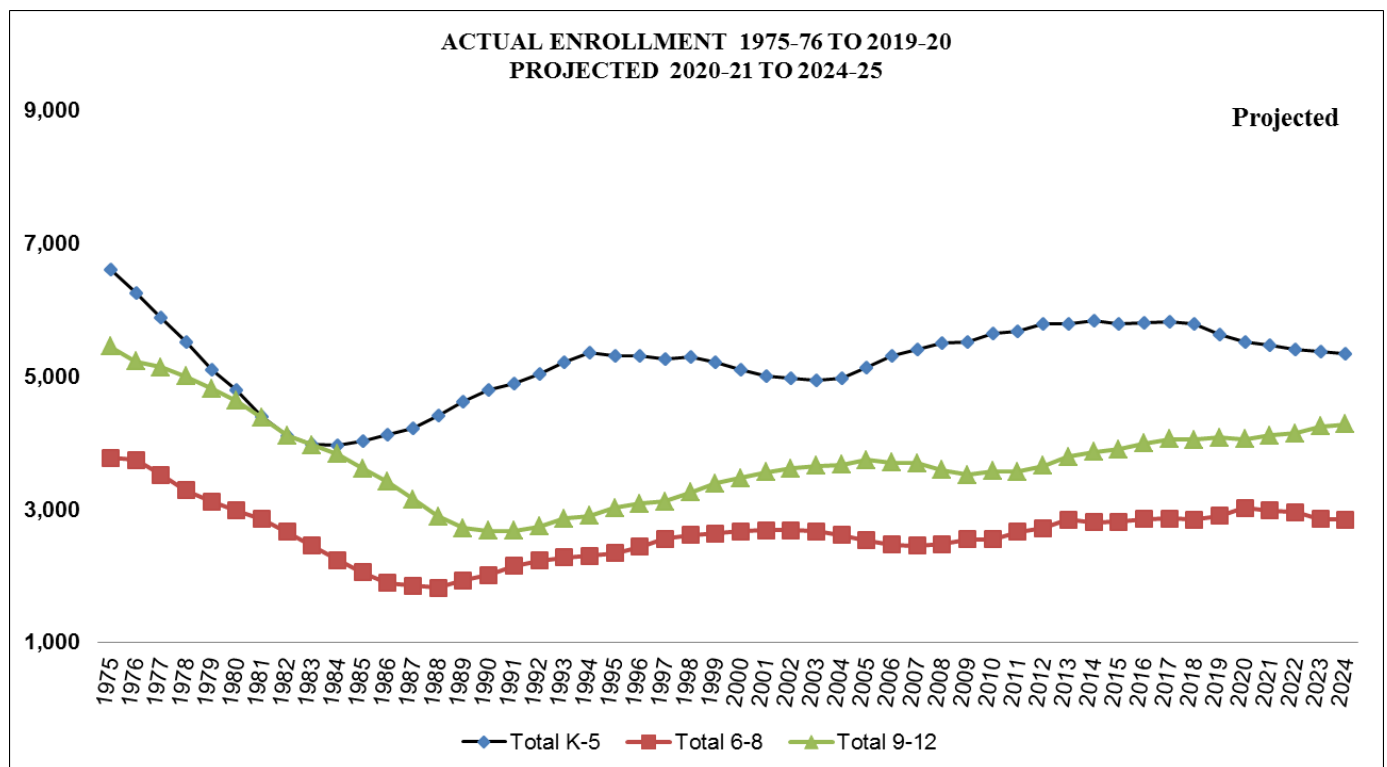
I. ENROLLMENT TRENDS

System-wide Projections

Enrollment for all schools is projected to decrease by a net of 132 students (a decline of 1%) during the next five years, after growing 13% from 2004-05 to 2017-18. This growth trend is not quite as high in number, though longer in years, as the earlier period of growth from 1989 to 1999 (eleven years) when the district's population grew by over 2,000 to 11,248 students (23% growth).

Table 1 and Table 3 display the current enrollment for 2019-20 by school and by grade, as well as projections for the next five years. Tables 2 and 4 provide enrollment history and projections from 1975-76 to 2024-25, by school and by grade.

The chart below provides an overview of five decades of enrollment trends with differences shown by grade level. Over the next five years, enrollment at elementary and middle grade levels is projected to have net decreases and high school enrollment is projected to increase.



Elementary Projections

Today's kindergarten enrollment of 825 students is the fifth class of fewer than 900 students since 2012. The years 2012 through 2014 saw record breaking high kindergarten classes of 934, 958, and 938 students; the two prior years also had large classes of just under 900 students. Elementary enrollment is projected to decrease from 5,626 students to 5,513 students next year as the large fifth grade cohort moves on to middle school.

Overall elementary enrollment is projected to further decrease in five years to 5,349 students as smaller projected kindergarten classes enter the district. Last year's projection forecast 5,583 students in five years, as future projected kindergarten classes were larger in last year's projections. Enrollment projections are dependent on current student counts and trends from the past five years. With recent experience of lower kindergarten enrollment and one class of more than 1,000 students moving on to middle school in 2020, elementary enrollment is trending lower. Even with the introduction of full-day kindergarten in fall 2019, projected kindergarten classes are lower this year due to lower birth rate data for incoming kindergarten classes. The average size of the kindergarten classes over the prior five years is 857 students (down from 880 students last year); the four-year average of kindergarten classes is 852 students and the three-year average is 841 students. Please refer to Section II for further information on the kindergarten projections, which typically are the most variable and challenging to project.

For the elementary school projections by grade and by school and other enrollment details, please refer to Section IV, Individual School Reports. Student assignment changes approved in September 2015 are now fully integrated into the projections (with the use of a three-year average for kindergarten projections). The 2018 student assignment changes designed to utilize new capacity at Cabot and ease crowding in north-side elementary schools are also incorporated into the projections and result in projected increases in enrollment at Cabot and Peirce, despite overall decreases in enrollment at the elementary level. Zervas is also projected to increase over the next five years, which is mainly due to a larger than projected kindergarten class this year and five-year average cohort survival ratios of 1.04 or higher for all grade level cohorts (indicating students moving into Zervas in all grade levels).

Appendix E, Table 12 lists student enrollment in buffer zones by school for this school year and last. The use of buffer zones has been an effective way to ameliorate space constraints at the elementary schools and balance class sizes. Since 2011, buffer zones have been used by school administration to determine space availability requests between schools in the district. Once a student from a buffer zone is placed in a school, he/she will follow the same feeder pattern as peers in that school. Table 12 displays each buffer zone and, for more recently created zones, notes the year the zone was developed.

Secondary Projections

Middle school enrollment increased by 52 students in 2019-20 when the large grade 5 class from last year arrived at the middle schools, and is projected to increase in 2020 by 123 students when the current large grade 5 class arrives. Middle school enrollment is projected to decrease in the remaining four years of the projection as grade 6 classes enter that are smaller than the exiting grade 8 classes from the prior year. In 2020 and 2021, there are two grades close to or over 1,000 students projected; there has not been a middle school grade over 1,000 students since 1980. Although middle school enrollment is projected to decline district-wide over the last four years of the projection, this is not the case at each middle school. In particular, Oak Hill is projected to grow or remain stable in all five years of the projection. This is mainly due to the relatively strong average cohort survival ratio at Oak Hill from grades five to six (for incoming sixth graders) and projected growth at Zervas.

High school enrollment surpassed 4,000 students in 2017 and is projected to grow to over 4,200 students in five years. Current 2019 high school enrollment increased by 35 students from last year. By 2024-25, a net increase of 201 high school students is expected. Both high schools are projected to increase in five years; enrollment projections show Newton North High School will increase by 41 students, or +2%, and Newton South High School will increase by 160 students, or +8%. The difference in enrollment between the two high schools is projected to be 3 students in 2024. This is due to slightly higher cohort survival ratios for students at South compared to North, larger incoming grade 9 cohorts at South compared to North in 2023 and 2024, and the inclusion of the Northland development on the Southside in the projections.

National, State and Local Trends

Although the U.S. Census Bureau continues to rank Massachusetts low in expected school age population growth from 2000-2030, Newton's enrollment projections and those of other communities near Boston are *not* typical of Massachusetts; enrollment in the Newton Public Schools and in many nearby districts has increased in recent years. The chart below shows the status of district enrollments for several nearby towns over the most recent five-year time period. Among the towns sampled below, communities like Newton that have fairly central locations within the Greater Boston metropolitan area show some growth, while others that are further south or west show enrollments that are level or decreasing.

Five Year PK-12 Enrollment Change in Surrounding Districts

School Year	Belmont	Brookline*	Lexington	Natick	Newton	Needham	Wellesley	Westwood	Wayland	Weston
2019-20	4,700	7,855	7,190	5,550	12,779	5,706	4,945	3,000	2,707	2,039
2015-16	4,362	7,668	6,925	5,434	12,670	5,581	5,075	3,151	2,657	2,180
Change	338	187	265	116	109	125	-130	-151	50	-141
Percent	8%	2%	4%	2%	1%	2%	-3%	-5%	2%	-6%

Massachusetts DESE School Profile Enrollment as of October 1, 2019

*Brookline's enrollment is as of 2018-19

Since the 2010 United States Census, the population of the City of Newton has increased by 1,300 residents, growing to over 85,000. Appendix B, Table 8 compares City of Newton data from the 2010 United States Census to the 2000 United States Census by age range; the 1990 Census is also shown.

On a national and regional level, the 2010 Census reported 308.7 million people in the United States, a 10% increase from the 2000 Census population of 281.4 million, as compared to ten year population growth of only 2% in Newton and 3% statewide. The national increase of 10% over the last decade was lower than the 13% increase of the 1990's and is similar to the magnitude of growth in the 1980's. Nationally, 24% of the United States population is less than 18 years of age, 7% of which accounts for children under five years old. This reflects a national school age demographic of 18% of the total population; in contrast, the school age demographic for both Massachusetts and Newton is 16%.

Residential Housing Complexes

There are several new residential complexes included in the projections, either recently completed or with completion expected in the near future. These include:

- Kessler Woods on the West Roxbury and Brookline border with 88 units
- Court Street in Newtonville off of Washington Street with 36 units
- Austin Street mixed-used development with 68 units
- Washington Place on Washington Street near the intersection with Walnut Street, with construction of 140 units (in process)
- 429 Cherry Street with construction of 13 units (in process)
- 392-404 Langley Road (additional building to the existing buildings on Langley Road) with construction of 20 units (in process)
- 200-230 Boylston (Chestnut Hill phase 2) with construction of 100 units (special permit approved)
- Melrose Street, 283-Turtle Lane Playhouse with construction of 16 units (special permit approved)
- 189 Adams Street with construction of 12 units (special permit approved)
- 182 California Street with construction of 20 units (special permit approved)
- Northland on Needham and Oak Streets with construction of 800 units (special permit approved)

Estimates for future student enrollment from the developments above are included in the five year enrollment projections. A total of 83 elementary school students, 45 middle school students, and 45 high school students (a grand total of 173 students) from these complexes have been distributed across the five year projections amongst Bowen, Burr, Cabot, Countryside, Lincoln-Eliot, Memorial-Spaulding, Williams, Bigelow, Brown, Day, Oak Hill, North, and South. These additions are phased into the projections, assuming that each development reaches full occupancy within five years of completion. The start date for phasing in students from a new development is dependent on the first year of occupancy for the development; these first years are displayed in Appendix F, Table 15. After five years, it is assumed that all students from a new development have been incorporated into the cohort survival ratios utilized in the projection methodology, and students are no longer manually added to the projections from that development. *Newton Public Schools includes estimates for future student enrollment in its five-year enrollment projections only for projects that have received special permits or building permits.* Based on these criteria, the Riverside development is not included in the five-year projections in this analysis because it has not yet received a special permit; however, the estimates for enrollment from Riverside are included in Appendix F, Table 15 for reference.

A table that shows the calculation of total students related to each project can be found in Appendix F, Table 15. Actual enrollment of Newton Public School students in larger developments and accuracy of the projections for these developments are displayed in Appendix F, Table 16.

Appendix F, Table 15 consolidates information about existing, permitted, and planned development at various stages in the City of Newton. The information on project status and number of units by type has been prepared in consultation with Newton's Planning

Department and is current as of early December 2019. Planned projects that have reached the stage where a breakdown of total units by unit type is available have a preliminary estimate for the number of students that potentially may enroll. It is important to note that estimates relating to size and number of units typically change as the project progresses through the planning approval process.

Newton Public Schools, in collaboration with the City of Newton Executive, Public Buildings, and Planning Departments, has updated its methodology used in the calculation of student generation for local residential development. The student generation ratios used prior to November 2018 by Newton Public Schools originated in the early 2000s and were based on the experience of actual student enrollment from the three largest residential complexes in Newton built since that time: Avalon Newton Highlands, Avalon Chestnut Hill, and Arborpoint at Woodland Station. A detailed description of the updated methodology is available in Appendix F in the FAQ section.

The updated methodology is the result of an in-depth review that has been supported by expert resources. This review included the following:

- Review of residential development in other Massachusetts communities
- Review of student generation rates in West Hartford, CT
- Application of Public Use Microdata Sample (PUMS) data to understand housing patterns of families in Newton with school age children
- Demographics based enrollment projections
- Municipal financial impact modeling

For the three largest residential rental communities in Newton, the numbers of school age children in residence are shown in the table below. Student enrollments have become fairly stable at these complexes; there is an overall net decrease from the prior year of fourteen students. Slightly less than half of the students at the three complexes are elementary students and slightly more than half attend middle or high school. There are also 44 students residing in these complexes who are enrolled in private school (17%), similar to Newton as a whole (as explained in Section VI).

Enrollment at Newton's Largest Rental Housing Complexes (2019-20)

School		Avalon at Newton Highlands (294 Units)	Avalon at Chestnut Hill (204 Units)	Arborpoint at Woodland Station (180 Units)	% by Level
Year Built		2003	2004	2007	
Districted Schools*		Countryside Zervas	Bowen Mem-Spaulding	Peirce Williams	
Elementary Enrollment	In District	40	30	22	46%
	Out-of-assigned District	3	2	2	
Middle School Enrollment	In District	25	13	8	22%
	Out-of-assigned District	1	0	0	
High School Enrollment	In District	23	28	15	32%
	Out-of-assigned District	3	0	1	
Total Enrollment		95	73	48	216
Prior Year Total (2018-19)		102	82	46	230
Change from Prior Year		-7	-9	2	-14
Private School Students		20	17	7	44

* Districted schools listed are elementary schools. Student assignment at elementary school determines middle school and high school assignment. Students attend out-of-assigned district schools for a variety of reasons including educational needs, family relocation within Newton, changes in school district boundaries, or buffer zones.

Housing Trends in Newton

The table below shows the housing types in Newton in the year before the recent enrollment growth trend began (2003-04, FY04) and compares these housing types to those available in Newton today. According to the City Assessor's office, the greatest change during this time in Newton's housing stock has been an increase of 1,746 condominium properties, which is growth of 50%. Condominiums have been the result of both conversions of existing properties such as two- or three-family homes (which have decreased since FY04) as well as new construction or additions. Single family home types have been the most stable segment of the housing stock in Newton during this period.

City of Newton Housing Types

Housing Type	FY04	% of Total in FY04	FY20	% of Total in FY20	# Change	% Change
Single Family	16,885	69%	16,953	66%	68	0.4%
Condominium	3,489	14%	5,235	21%	1,746	50%
Two Family	3,224	13%	2,693	11%	-531	-16%
Three Family	308	1%	273	1%	-35	-11%
Apartment Buildings	176	1%	149	1%	-27	-15%
Mixed Use	296	1%	231	1%	-65	-22%
TOTAL PROPERTIES	24,378	100%	25,534	100%	1,156	5%

Source: Newton Assessor's Office

Trends in Housing Patterns of District Families

There have also been shifts in the housing patterns of families with Newton Public Schools children. According to Geographic Information Systems data that matches school students to housing types, families are more frequently living in new types of housing that have

become more available in Newton. While similar numbers of Newton school children live in single family homes in 2019 as in 2002 (just under 8,000 students), the percentage of school children living in single family homes has declined from 73% to 65% because of enrollment growth during this time period. Conversely, there has been an increase from 5% to 13% in the percentage of school children living in condominiums. This represents a real increase of more than 1,000 students living in condominiums today compared to 2002. There has also been an increase in students living in apartments, with 2% in 2002 compared to 4% in 2019, or a total of 535 students in apartments in 2019. This data illustrates that Newton school children today are more likely to live in condominiums and apartments than in 2002. Students are slightly less likely to live in two or three family homes in 2019, as the percentage has declined from 16% in 2002 to 14% today.

Newton Public School Children by Housing Type*

Type of Housing	2002	% of Resident Students	2019	% of Resident Students	Change #	Change %
Single Family	7,777	73%	7,953	65%	176	2%
Two/Three Family	1,671	16%	1,741	14%	70	4%
Condominiums	526	5%	1,631	13%	1,105	210%
Apartment Buildings	251	2%	535	4%	284	113%
Mixed Use / Other	389	4%	350	3%	-39	-10%
Total	10,614	100%	12,210	100%	1,596	15%

* Preschool - Grade 12

Source: Newton Geographic Information Systems

Real Estate Sales

According to data obtained from City of Newton records, there were 1,166 residential property sales in calendar year 2018 versus 1,304 in the prior year. Calendar years 2017 and 2014 had the highest number of property sales of the last fourteen years, with over 1,300 sales in each year. Through the first nine months of 2019, real estate sales totaled 772 as compared with 965 in the first nine months of 2018 (a decrease of 20%). Appendix C, Table 9 shows this data by school district.

Additional information is provided in Table 10 of Appendix C with properties listed for sale by school district in Newton as of November 2019; there are 224 properties listed for sale in Newton. At the same time last year, there were 179 properties listed for sale. Although there are currently more properties for sale than last year, real estate sales through the first nine months of 2019 have been lower than at the same time last year. Sixty-one percent of the properties listed for sale in Newton are single family homes, with the majority of these homes (82% of the listed homes) having four or more bedrooms. The distribution of type of property on the market by school district is also provided in this table for reference. For example, in the Peirce School district, 100% of properties listed for sale are single family homes, while in the Countryside School district, 60% of properties for sale are single family and 40% are condominiums.

TABLE 1
PROJECTED ENROLLMENTS BY SCHOOL
2020-21 TO 2024-25

School	SP*	Actual FY20	Projections Using 5 Year Average Ratios**				
			FY21	FY22	FY23	FY24	FY25
Angier		502	490	498	488	493	482
Bowen		372	371	361	356	346	342
Burr		366	355	358	371	361	363
Cabot		393	407	423	448	466	475
Countryside		413	393	387	375	379	382
Franklin		413	391	390	365	357	355
Horace Mann		391	389	378	368	369	365
Lincoln-Eliot		362	359	356	348	334	318
Mason-Rice		446	425	400	387	383	384
Memorial-Spaulding		465	442	421	399	375	366
Peirce		284	281	290	298	302	301
Underwood		269	248	247	241	242	240
Ward		255	239	228	218	221	216
Williams		261	265	249	249	239	237
Zervas		434	458	485	494	516	523
TOTAL ELEMENTARY	(0)	5,626	5,513	5,471	5,405	5,383	5,349
Bigelow		494	524	495	492	453	462
Brown		778	829	826	831	798	785
Day		999	999	968	934	893	890
Oak Hill		632	674	695	705	711	710
TOTAL MIDDLE	(0)	2,903	3,026	2,984	2,962	2,855	2,847
Newton North	(28)	2,099	2,106	2,153	2,143	2,194	2,140
Newton South	(1)	1,983	1,951	1,965	2,003	2,059	2,143
TOTAL HIGH SCHOOL	(29)	4,082	4,057	4,118	4,146	4,253	4,283
GRAND TOTAL	(29)	12,611	12,596	12,573	12,513	12,491	12,479

*Enrollment numbers and projections include students who receive special education services beyond grade 12.

**Adjusted three-year averages of previous kindergarten enrollments are used to project kindergarten enrollment.

TABLE 2

Newton Public Schools
Enrollment History and Projections by School
1975 to 2024

School Name	Peak Enroll	Peak Year	1975	1976	1977*	1978*	1979*	1980*	1981*	1982*	1983*	1984*	1985*	1986*	1987	1988	1989	1990	1991	1992	1993*	1994	1995	1996	1997	1998
Angier	752	1953	408	408	394	429	414	424	400	375	384	413	412	419	409	410	439	436	441	469	428	430	430	436	423	433
Bowen	502	2013	338	301	354	349	328	309	300	291	283	312	348	350	364	366	403	413	426	428	410	414	421	410	409	390
Burr	496	1967	338	313	256	232	218	264	236	229	211	204	210	238	249	260	304	299	302	323	275	294	287	292	273	256
Cabot	539	1967	406	388	373	349	315	306	410	351	342	336	337	362	362	387	424	449	470	473	443	431	420	417	412	393
Carr	401	1963	295	290	271	269	235																			
Cliffin	420	1960	349	314	283	253	231	215																		
Countryside	557	1959	302	302	231	218	349	338	347	316	303	379	394	418	436	451	458	474	500	497	461	477	446	449	469	493
Davis	352	1961	279	273	276	256	247																			
Emerson	345	1955	276	245	222	201																				
Franklin	601	1961	460	445	420	388	389	478	399	394	388	345	338	334	331	347	364	382	361	360	332	350	346	366	379	407
Hamilton	222	1960	144	147	126																					
Horace Mann	434	2014	295	270	252	228	216	317	301	287	261	268	258	249	276	287	299	323	318	324	285	288	294	282	273	297
Hyde	669	1952	385	352	350	364	351	341	314	310	301															
Lincoln-Eliot	435	1970	368	361	342	286	244	320	308	269	237	246	242	239	250	249	285	316	338	352	293	306	333	345	321	325
Mason-Rice	620	1962	475	445	428	410	384	360	349	321	286	418	402	419	419	423	436	459	475	486	395	417	405	397	395	412
Memorial	536	1953	181	152																						
Memorial-Spaulding	486	1992		372	349	309	309	309	301	284	264	372	382	401	415	418	445	449	452	486	426	469	477	454	452	448
Oak Hill Elementary	450	1962	310	304	323	341	304	274	268	230	207	291	266	253	253	267	282	283	272	292	270	270	259	250	281	282
Peirce	429	1960	390	362	341	345	349	355	355	302	290															
Spaulding	587	1961	268	253																						
Underwood	582	1970	497	463	437	411	392	373	328	293	308	291	292	264	280	277	283	303	310	302	295	311	283	285	282	267
Ward	506	1971	499	500	428	404	371	334	302	278	258	286	279	312	325	354	351	372	378	386	330	342	366	360	335	319
Williams	375	1969	311	281	272	298	258	235	214	209	213	223	221	219	216	238	244	255	284	302	271	261	254	288	269	260
Zervas (formerly Beethoven)	434	2019	287	286	242	239	240	238	227	209	213	278	281	258	266	273	280	290	320	325	302	303	288	287	287	311
Peabody (Special Education)	37																									
Total Elem	7,898		7,455	6,993	6,619	6,144	5,790	5,359	4,948	4,749	4,662	4,662	4,662	4,735	4,851	5,007	5,297	5,503	5,647	5,805	5,216	5,363	5,309	5,318	5,260	5,293
Change			-179	-443	-462	-374	-475	-354	-431	-411	-199	-87	0	73	116	156	290	206	144	158	-589	147	-54	9	-58	33
% Change			-2.2%	-5.6%	-6.2%	-5.3%	-7.2%	-5.8%	-7.4%	-7.7%	-4.0%	-1.8%	0.0%	1.6%	3.2%	5.8%	3.9%	2.6%	2.8%	-10.1%	2.8%	-1.0%	0.2%	-1.1%	0.6%	0.6%
Total # Elem Schools			23	23	22	21	20	18	17	17	17	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Bigelow	612	1996	589	572	575	529	517	503	482	537	425	350	168													
Brown (formerly Meadowbrook)	1,024	1964	800	823	842	822	810	858	636	654	615	600	597	570	548	557	528	508	628	689	989	940	945	974	645	749
Day	999	2019	780	804	778	724	724	734	774	847	652	604	654	709	684	680	730	797	772	770	755	794	808	856	823	804
Oak Hill Middle	639	2016																								
Warren	1,270	1969	883	884	846	763	681	629	606	419																
Weeks	1,033	1960	675	663	625	563	458	287																		
Total Middle School	3,727		3,746	3,666	3,401	3,190	3,011	2,498	2,457	1,692	1,554	1,419	1,279	1,232	1,237	1,258	1,258	1,305	1,400	1,459	2,278	2,301	2,343	2,442	2,562	2,614
Change			-91	19	-80	-265	-211	-179	-513	-41	-765	-138	-135	-140	-47	5	21	47	95	59	819	23	42	99	120	52
% Change			-2.4%	0.5%	-2.1%	-7.2%	-6.2%	-5.6%	-17.0%	-1.6%	-31.1%	-8.2%	-8.7%	-9.9%	-3.7%	0.4%	1.7%	3.7%	7.3%	4.2%	56.1%	1.0%	1.8%	4.2%	4.9%	2.0%
Total # Middle Schools			5	5	5	5	5	5	4	4	3	3	3	2	2	2	2	2	2	2	3	3	3	3	4	4
North	2,976	1972	2,885	2,741	2,685	2,621	2,584	2,471	2,275	2,075	2,659	2,540	2,390	2,195	1,983	1,771	1,617	1,589	1,623	1,691	1,757	1,765	1,808	1,867	1,911	2,019
South	1,983	2019	1,332	1,300	1,211	1,178	1,132	1,154	1,503	1,418	1,311	1,298	1,229	1,226	1,174	1,127	1,104	1,091	1,058	1,055	1,109	1,142	1,220	1,223	1,211	1,240
Total High School	4,217		4,041	3,896	3,799	3,716	3,625	3,778	3,493	3,970	3,838	3,619	3,421	3,157	2,898	2,721	2,680	2,681	2,746	2,866	2,907	3,028	3,090	3,122	3,259	
Change			-40	-176	-145	-97	-83	-91	153	-285	477	-132	-219	-198	-264	-259	-177	-41	1	65	120	41	121	62	32	137
% Change			-0.9%	-4.2%	-3.6%	-2.5%	-2.2%	-2.4%	4.2%	-7.5%	13.7%	-3.3%	-5.7%	-5.5%	-7.7%	-8.2%	-6.1%	-1.5%	0.0%	2.4%	4.4%	1.4%	4.2%	2.0%	1.0%	4.4%
Grand Total	15,842		15,242	14,555	13,819	13,050	12,426	11,635	10,898	10,411	10,054	9,700	9,435	9,240	9,142	9,276	9,488	9,728	10,010	10,360	10,571	10,680	10,850	10,944	11,166	
Change			-310	-600	-687	-736	-769	-624	-791	-737	-487	-357	-354	-265	-195	-98	134	212	240	282	350	211	109	170	94	222
% Change			-1.9%	-3.8%	-4.5%	-5.1%	-5.6%	-6.4%	-6.3%	-4.5%	-4.5%	-3.4%	-3.5%	-2.7%	-2.1%	-1.1%	1.5%	2.3%	2.5%	2.9%	3.5%	2.0%	1.6%	0.9%	0.6%	2.0%

* Asterisk denotes change in grade pattern and/or school consolidation.

TABLE 2

Newton Public Schools
Enrollment History and Projections by School
1975 to 2024

School Name	Peak Enroll	Peak Year	1973 to 2024																				Projected					
			1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Angier	752	1953	412	418	412	396	371	363	370	379	401	392	389	375	395	408	417	402	409	421	467	503	502	490	498	488	493	482
Bowen	502	2013	377	383	351	336	335	344	336	413	428	435	454	449	448	477	502	475	449	417	421	397	372	371	361	356	346	342
Burr	496	1967	278	270	294	300	303	314	314	333	331	369	379	391	409	415	424	424	412	402	386	384	366	355	358	371	361	363
Cabot	539	1967	385	362	360	352	353	357	391	420	424	425	449	452	440	420	419	418	403	400	391	386	393	407	423	448	466	475
Carr	401	1963																										
Claffin	420	1960																										
Countryside	557	1959	499	482	453	455	446	448	463	437	447	479	472	499	490	479	457	466	450	436	410	413	413	393	387	375	379	382
Davis	352	1961																										
Emerson	345	1955																										
Franklin	601	1961	389	390	398	384	397	386	385	414	401	396	402	397	401	396	389	413	424	446	434	427	413	391	390	365	357	355
Hamilton	222	1960																										
Horace Mann	434	2014	301	303	313	330	333	337	344	350	348	370	371	373	386	394	427	434	412	417	404	399	391	389	378	368	369	365
Hyde	669	1952																										
Lincoln-Eliot	435	1970	285	281	252	220	242	229	282	281	293	284	291	293	317	322	329	337	340	346	374	365	362	359	356	348	334	318
Mason-Rice	620	1962	393	364	369	364	352	365	372	372	410	422	428	442	437	438	457	478	492	507	512	487	446	425	400	387	383	384
Memorial	536	1953																										
Memorial-Spaulding	486	1992	462	452	417	440	447	427	419	443	449	442	438	459	458	464	429	434	452	454	453	464	465	442	421	399	375	366
Oak Hill Elementary	450	1962																										
Peirce	429	1960	271	281	270	271	271	286	306	324	329	338	329	318	316	337	312	306	314	299	276	271	284	281	290	298	302	301
Spaulding	587	1961																										
Underwood	582	1970	278	264	276	294	276	275	264	288	295	282	262	282	289	310	327	341	326	313	284	290	269	248	247	241	242	240
Ward	506	1971	343	325	304	281	274	262	262	237	247	260	260	269	278	301	289	304	304	313	309	296	255	239	228	218	221	216
Williams	375	1969	258	241	257	260	254	265	275	295	281	276	277	298	302	304	304	292	290	293	296	278	261	265	249	249	239	237
Zervas (formerly Beethoven)	434	2019	281	281	276	287	284	287	300	332	324	328	326	349	321	325	317	309	308	337	407	427	434	458	485	494	516	523
Peabody (Special Education)																												
Total Elem			5,212	5,097	5,002	4,970	4,938	4,975	5,133	5,318	5,408	5,498	5,527	5,646	5,687	5,790	5,799	5,833	5,785	5,801	5,824	5,787	5,626	5,513	5,471	5,405	5,383	5,349
Change			-81	-115	-95	-32	-32	37	158	185	90	90	29	119	41	103	9	34	-48	16	23	-37	-198	-113	-42	-66	-22	-34
% Change			-1.5%	-2.2%	-1.9%	-0.6%	-0.6%	0.7%	3.2%	3.6%	1.7%	1.7%	0.5%	2.2%	0.7%	1.8%	0.2%	0.6%	-0.8%	0.3%	0.4%	-0.6%	-3.4%	-2.0%	-0.8%	-1.2%	-0.4%	-0.6%
Total # Elem Schools			15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Bigelow	612	1996	446	465	477	513	520	510	496	495	487	505	527	523	533	531	525	504	509	525	521	501	494	524	495	492	453	462
Brown (formerly Meadowbrook)	1,024	1964	771	752	735	756	770	787	705	665	644	681	684	666	677	698	743	738	780	774	753	744	778	829	826	831	798	785
Day	999	2019	804	835	855	822	785	758	768	747	764	747	773	758	845	874	947	932	927	922	980	976	999	999	968	934	893	890
Oak Hill Middle	639	2016	619	620	621	597	598	565	565	567	558	547	572	603	612	616	634	632	602	639	614	630	632	674	695	705	711	710
Warren	1,270	1969																										
Weeks	1,033	1960																										
Total Middle School			2,640	2,672	2,688	2,688	2,673	2,620	2,534	2,474	2,453	2,480	2,556	2,550	2,667	2,719	2,849	2,806	2,818	2,860	2,868	2,851	2,903	3,026	2,984	2,962	2,855	2,847
Change			26	32	16	0	-15	-53	-86	-60	-21	27	76	-6	117	52	130	-43	12	42	8	-17	35	123	-42	-22	-107	-8
% Change			1.0%	1.2%	0.6%	0.0%	-0.6%	-2.0%	-3.3%	-2.4%	-0.8%	1.1%	3.1%	-0.2%	4.6%	1.9%	4.8%	-1.5%	0.4%	1.5%	0.3%	-0.6%	1.2%	4.2%	-1.4%	-0.7%	-3.6%	-0.3%
Total # Middle Schools			4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
North	2,976	1972	2,123	2,144	2,190	2,219	2,169	2,121	2,047	1,964	1,911	1,829	1,802	1,871	1,877	1,940	2,015	2,060	2,107	2,145	2,165	2,136	2,099	2,106	2,153	2,143	2,194	2,140
South	1,983	2019	1,273	1,333	1,370	1,399	1,487	1,552	1,701	1,745	1,784	1,763	1,722	1,708	1,691	1,721	1,778	1,804	1,798	1,851	1,893	1,911	1,983	1,951	1,965	2,003	2,059	2,143
Total High School			3,396	3,477	3,560	3,618	3,656	3,673	3,748	3,709	3,695	3,592	3,524	3,579	3,568	3,661	3,793	3,864	3,905	3,996	4,058	4,047	4,082	4,057	4,118	4,146	4,253	4,283
Change			137	81	83	58	38	17	75	-39	-14	-103	-68	55	-11	93	132	71	41	91	62	-11	24	-25	61	28	107	30
% Change			4.2%	2.4%	2.4%	1.6%	1.1%	0.5%	2.0%	-1.0%	-0.4%	-2.8%	-1.9%	1.6%	-0.3%	2.6%	3.6%	1.9%	1.1%	2.3%	1.6%	-0.3%	0.6%	-0.6%	1.5%	0.7%	2.6%	0.7%
Grand Total			11,248	11,246	11,250	11,276	11,267	11,268	11,415	11,501	11,556	11,570	11,607	11,775	11,922	12,170	12,441	12,503	12,508	12,657	12,750	12,685	12,611	12,596	12,573	12,513	12,491	12,479
Change			82	-2	4	26	-9	1	147	86	55	14	37	168	147	248	271	62	5	149	93	-65	-139	-15	-23	-60	-22	-12
% Change			0.7%	0.0%	0.0%	0.2%	-0.1%	0.0%	1.3%	0.8%	0.5%	0.1%	0.3%	1.4%	1.2%	2.1%	0.5%	0.0%	0.0%	1.2%	0.7%	-0.5%	-1.1%	-0.1%	-0.2%	-0.5%	-0.2%	-0.1%

* Asterisk denotes change in grade pattern and/or school consolidation.

TABLE 3
PROJECTED ENROLLMENTS BY GRADE
2020-21 TO 2024-25

Grade	Actual FY20	Projections Using 5 Year Average Ratios**				
		FY21	FY22	FY23	FY24	FY25
K	825	837	822	813	806	794
1	902	894	899	890	874	873
2	918	919	910	913	906	890
3	968	925	927	919	924	917
4	952	978	928	934	926	934
5	1061	960	985	936	947	941
TOTAL ELEMENTARY	5,626	5,513	5,471	5,405	5,383	5,349
Diff. from Previous Year		-113	-42	-66	-22	-34
% Change		-2.0%	-0.8%	-1.2%	-0.4%	-0.6%
6	995	1041	940	971	926	933
7	984	999	1043	944	979	931
8	924	986	1001	1047	950	983
TOTAL MIDDLE	2,903	3,026	2,984	2,962	2,855	2,847
Diff. from Previous Year		123	-42	-22	-107	-8
% Change		4.2%	-1.4%	-0.7%	-3.6%	-0.3%
9	997	966	1033	1048	1099	994
10	1036	1014	980	1049	1065	1115
11	1000	1050	1028	994	1066	1080
12	1020	998	1048	1026	994	1065
SP*	29	29	29	29	29	29
TOTAL HIGH	4,082	4,057	4,118	4,146	4,253	4,283
Diff. from Previous Year		-25	61	28	107	30
% change		-0.6%	1.5%	0.7%	2.6%	0.7%
GRAND TOTAL	12,611	12,596	12,573	12,513	12,491	12,479
Diff. from Previous Year		-15	-23	-60	-22	-12
% Change		-0.1%	-0.2%	-0.5%	-0.2%	-0.1%

*Enrollment numbers and projections include students who receive special education services beyond grade 12.

**Adjusted three-year averages of previous kindergarten enrollments are used to project kindergarten enrollment.

TABLE 4

Newton Public Schools
Enrollment History and Projections by Grade
1975 to 2024

Grade	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
K	946	843	750	681	635	612	628	584	647	673	687	726	730	744	827	809	827	874	906	874	837	870	808	841
1	1,088	1,009	873	804	723	702	652	650	617	688	712	734	749	753	773	851	845	865	821	946	904	871	887	850
2	1,078	1,069	1,010	892	812	755	678	649	648	610	692	692	725	738	755	776	851	845	879	918	920	887	873	898
3	1,114	1,080	1,042	1,022	878	819	746	676	667	659	610	680	693	734	770	767	775	859	870	882	895	925	878	874
4	1,116	1,103	1,073	1,019	1,002	877	797	739	661	649	642	594	677	705	730	782	763	775	850	869	876	886	923	876
5	1,191	1,101	1,089	1,055	1,005	1,000	862	774	699	650	634	635	592	678	698	739	772	757	748	838	848	854	873	938
SPED	76	56	54	54	56	40	36	44	45	44	47	60	59	65	70	69	64	60	42	36	29	25	18	16
Total K-5	6,609	6,261	5,891	5,527	5,111	4,805	4,399	4,116	3,984	3,973	4,024	4,121	4,417	4,623	4,793	4,897	5,035	5,216	5,363	5,309	5,318	5,260	5,293	5,293
Change	-197	-348	-370	-364	-416	-306	-406	-283	-132	-11	51	97	104	192	206	170	104	138	181	147	-54	9	-58	33
% Change	-2.9%	-5.3%	-5.9%	-6.2%	-7.5%	-6.0%	-8.4%	-6.4%	-3.2%	-0.3%	1.3%	2.4%	2.5%	4.5%	4.7%	3.7%	2.2%	2.8%	3.6%	2.8%	-1.0%	0.2%	-1.1%	0.6%
6	1,289	1,194	1,102	1,092	1,033	985	960	832	765	689	638	614	626	590	674	710	750	770	746	752	825	833	838	846
7	1,254	1,267	1,150	1,053	1,024	982	928	884	787	739	650	610	589	625	599	665	692	717	742	754	729	822	836	840
8	1,215	1,269	1,258	1,131	1,053	1,011	958	934	884	786	737	641	613	580	634	614	677	707	728	757	754	742	828	864
SPED	19	19	13	12	10	5	11	14	21	29	32	28	30	32	25	26	31	35	62	38	35	45	60	64
Total 6-8	3,777	3,749	3,523	3,288	3,120	2,983	2,857	2,664	2,457	2,243	2,057	1,893	1,858	1,827	1,932	2,015	2,150	2,229	2,278	2,301	2,343	2,442	2,562	2,614
Change	8	-28	-226	-235	-168	-137	-126	-193	-207	-214	-186	-164	-35	-31	105	83	135	79	49	23	42	99	120	52
% Change	0.2%	-0.7%	-6.0%	-6.7%	-5.1%	-4.4%	-4.2%	-6.8%	-7.8%	-8.7%	-8.3%	-8.0%	-1.8%	-1.7%	5.7%	4.3%	6.7%	3.7%	2.2%	1.0%	1.8%	4.2%	4.9%	2.0%
9	1,239	1,191	1,245	1,205	1,103	1,013	989	966	980	898	801	763	700	658	607	666	645	689	734	774	773	749	776	869
10	1,366	1,273	1,224	1,271	1,225	1,126	1,020	1,000	907	964	931	826	753	686	654	615	692	670	709	706	766	762	748	790
11	1,418	1,331	1,295	1,213	1,260	1,210	1,094	1,013	1,001	916	902	863	788	739	676	656	617	684	687	659	707	759	752	765
12	1,384	1,392	1,331	1,276	1,192	1,232	1,219	1,082	1,009	987	910	908	849	753	720	675	658	629	675	656	672	695	754	756
SPED*	49	45	46	39	39	57	57	57	73	73	75	61	67	62	64	68	69	74	61	112	110	125	92	79
Total 9-12	5,456	5,232	5,141	5,004	4,819	4,638	4,379	4,118	3,970	3,838	3,619	3,421	3,157	2,898	2,721	2,680	2,681	2,746	2,866	2,907	3,028	3,090	3,122	3,259
Change	-121	-224	-91	-137	-185	-181	-259	-261	-148	-132	-219	-198	-264	-259	-177	-41	1	65	120	41	121	62	32	137
% Change	-2.2%	-4.1%	-1.7%	-2.7%	-3.7%	-3.8%	-5.6%	-6.0%	-3.6%	-3.3%	-5.7%	-5.5%	-7.7%	-8.2%	-6.1%	-1.5%	0.0%	2.4%	4.4%	1.4%	4.2%	2.0%	1.0%	4.4%
Grand Total	15,842	15,242	14,555	13,819	13,050	12,426	11,635	10,898	10,411	10,054	9,700	9,435	9,240	9,142	9,276	9,488	9,728	10,010	10,360	10,571	10,680	10,850	10,944	11,166
Change	-310	-600	-687	-736	-769	-624	-791	-737	-487	-357	-354	-265	-195	-98	134	212	240	282	350	211	109	170	94	222
% Change	-1.9%	-3.8%	-4.5%	-5.1%	-5.6%	-4.8%	-6.4%	-6.3%	-4.5%	-3.4%	-3.5%	-2.7%	-2.1%	-1.1%	1.5%	2.3%	2.5%	2.9%	3.5%	2.0%	1.0%	1.6%	0.9%	2.0%

*Starting in 2019, only students in grade SP are included in this row. Prior to 2019, this row included special education services outside the regular classroom for a significant amount of time.

TABLE 4

Newton Public Schools
Enrollment History and Projections by Grade
1975 to 2024

Grade	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
K	787	736	766	792	796	805	867	887	868	830	862	896	895	934	958	938	877	885	850	848	825	837	822	813	806	794
1	866	804	749	805	837	856	853	916	926	950	877	926	940	936	977	999	1,005	943	966	907	902	894	899	890	874	873
2	867	857	811	795	828	836	868	895	950	924	989	908	956	966	945	979	992	1,042	960	980	918	919	910	913	906	890
3	901	889	849	815	818	831	860	896	892	931	1,007	923	981	981	982	946	977	1,005	1,041	970	968	925	927	919	924	917
4	887	901	896	855	817	819	847	859	897	908	967	932	1,017	938	993	980	949	976	1,020	1,058	952	978	928	934	926	934
5	885	894	916	894	832	811	820	851	858	905	884	960	937	1,021	944	991	985	950	987	1,024	1,061	960	985	936	947	941
SPED	19	16	15	14	10	17	18	14	17	19	17	17	19	14	0	0	0	0	0	0	0	0	0	0	0	0
Total K-5	5,212	5,097	5,002	4,970	4,938	4,975	5,133	5,318	5,408	5,498	5,527	5,646	5,687	5,790	5,799	5,833	5,785	5,801	5,824	5,787	5,626	5,513	5,471	5,405	5,383	5,349
Change	-81	-115	-95	-32	-32	37	158	185	90	90	29	119	41	103	9	34	-48	16	23	-37	-161	-113	-42	-66	-22	-34
% Change	-1.5%	-2.2%	-1.9%	-0.6%	-0.6%	0.7%	3.2%	3.6%	1.7%	1.7%	0.5%	2.2%	0.7%	1.8%	0.2%	0.6%	-0.8%	0.3%	0.4%	-0.6%	-2.8%	-2.0%	-0.8%	-1.2%	-0.4%	-0.6%
6	911	869	858	916	895	829	804	824	828	829	877	863	922	900	978	922	963	961	931	973	995	1,041	940	971	926	933
7	843	930	881	875	902	889	836	810	825	836	826	863	875	922	932	963	912	972	948	932	984	999	1,043	944	979	931
8	846	851	923	884	867	898	892	837	797	809	848	817	866	889	939	921	943	927	989	946	924	986	1,001	1,047	950	983
SPED	40	22	26	13	9	4	2	3	3	6	5	7	4	8	0	0	0	0	0	0	0	0	0	0	0	0
Total 6-8	2,640	2,672	2,688	2,688	2,673	2,620	2,534	2,474	2,453	2,480	2,556	2,550	2,667	2,719	2,849	2,806	2,818	2,860	2,868	2,851	2,903	3,026	2,984	2,962	2,855	2,847
Change	26	32	16	0	-15	-53	-86	-60	-21	27	76	-6	117	52	130	-43	12	42	8	-17	52	123	-42	-22	-107	-8
% Change	1.0%	1.2%	0.6%	0.0%	-0.6%	-2.0%	-3.3%	-2.4%	-0.8%	1.1%	3.1%	-0.2%	4.6%	1.9%	4.8%	-1.5%	0.4%	1.5%	0.3%	-0.6%	1.8%	4.2%	-1.4%	-0.7%	-3.6%	-0.3%
9	918	872	868	925	899	892	919	905	877	821	835	904	875	931	954	977	945	992	980	1,012	997	966	1,033	1,048	1,099	994
10	875	888	872	865	933	899	906	911	912	868	846	850	896	886	941	941	973	976	998	983	1,036	1,014	980	1,049	1,065	1,115
11	755	867	877	887	863	925	898	927	927	902	862	843	843	897	888	964	937	1,007	988	999	1,000	1,050	1,028	994	1,066	1,080
12	772	765	864	855	890	860	917	882	914	918	879	830	845	910	888	946	925	1,006	1,006	984	1,020	998	1,048	1,026	994	1,065
SPED*	76	85	79	86	71	97	108	84	65	83	102	103	124	102	100	94	104	96	86	69	29	29	29	29	29	29
Total 9-12	3,396	3,477	3,560	3,618	3,656	3,673	3,748	3,709	3,695	3,592	3,524	3,579	3,568	3,661	3,793	3,864	3,905	3,996	4,058	4,047	4,082	4,057	4,118	4,146	4,253	4,283
Change	137	81	83	58	38	17	75	-39	-14	-103	-68	55	-11	93	132	71	41	91	62	-11	35	-25	61	28	107	30
% Change	4.2%	2.4%	2.4%	1.6%	1.1%	0.5%	2.0%	-1.0%	-0.4%	-2.8%	-1.9%	1.6%	-0.3%	2.6%	3.6%	1.9%	1.1%	2.3%	1.6%	-0.3%	0.9%	-0.6%	1.5%	0.7%	2.6%	0.7%
Grand Total	11,248	11,246	11,250	11,276	11,267	11,268	11,415	11,501	11,556	11,570	11,607	11,775	11,922	12,170	12,441	12,503	12,508	12,657	12,750	12,685	12,611	12,596	12,573	12,513	12,491	12,479
Change	82	-2	4	26	-9	1	147	86	55	14	37	168	147	248	271	62	5	149	93	-65	-74	-15	-23	-60	-22	-12
% Change	0.7%	0.0%	0.0%	0.2%	-0.1%	0.0%	1.3%	0.8%	0.5%	0.1%	0.3%	1.4%	1.2%	2.1%	2.2%	0.5%	0.0%	1.2%	0.7%	-0.5%	-0.6%	-0.1%	-0.2%	-0.5%	-0.2%	-0.1%

*Starting in 2019, only students in grade SP are included in this row. Prior to 2019, this row included students in grades 9-12 who received special education services outside the regular classroom for a significant amount of time.

ENROLLMENT PROJECTION METHOD

Kindergarten Projection Methodology

NESDEC Comparison

Accuracy of Projections

Frequently Asked Questions

II. ENROLLMENT PROJECTION METHOD

The enrollment projections are prepared by combining the current year's official enrollment as reported on October 1, 2019 to the Department of Elementary and Secondary Education with other available demographic data for Newton. A model of five-year average cohort survival ratios are then applied to these data (in grades one through twelve). The projections are calculated on an individual school and grade basis and then aggregated into system-wide projections. Adjusted three-year averages are used for kindergarten this year, as explained later in this section.

A cohort is defined as a group of students of a specific age or grade level who are at a specific school or are all going to the same school in the next year. Non-resident students are not included in the base for the cohort calculation, but are added to the total after the calculation. For example, assuming the five-year average cohort survival ratio for Bowen, Memorial-Spaulling, and Zervas grade 5 students moving on to grade 6 at Oak Hill is 0.97 and there are 232 resident students in this group, the cohort calculation would yield 225 (232×0.97) students. Eight current non-resident students would be added to this total, resulting in the final projection of 233 students for students entering the 6th grade at Oak Hill.

The following factors are integrated in the projections:

- School feeder patterns, district boundaries and buffer zones reflect current School Committee policies. *Student assignment policy changes for the Angier, Zervas and Cabot districts, and the effects on nearby school districts, were approved in September 2015 and October 2018 and are fully integrated into the projections.*
- METCO students are added to each school and grade after the projections are computed. METCO students who will enter the system in kindergarten, grade one or grade two each year for the next five years are also included in the individual school tables by grade.
- The number of entering middle and high school students is based on percentages of students from lower grade level schools to reflect districting, out-of assigned district placements, and buffer zones.
- The number of potential students from new residential properties is calculated and integrated into the projections when special permits have been issued by the City of Newton.

Kindergarten Projection Methodology

The following two charts provide historical data on kindergarten enrollment. The first chart shows the highest kindergarten populations of the past fifty years. The 2019-20 kindergarten class of 825 marks a fifth year of lower enrollments, a shift from the three recent years of enrollment over 900 students, of which the 2013-14 enrollment was the peak. The second chart illustrates the rising trend over time of how Newton's four-year old population (documented on the City census) relates to the kindergarten population. The

ratio has been rising due to decreasing numbers of children age 4 on the census compared to the number of kindergarten students each year. The number of 4-year olds on the city census has been under 600 children since 2013, when previously 600 to 700 children were typically recorded.

Highest Kindergarten Populations of Past 50 Years	
Time Period	Number of K Students
1970-71	1,155
1971-72	1,063
1972-73	1,010
1973-74	968
1974-75	998
1975-76	946
2013-14	958
2019-20	825
50 year average	829
20 year average	856
10 year average	891

Age Four to Kindergarten Ratio																		
Year	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
4-year olds	828	796	767	770	723	744	683	686	705	708	682	615	554	567	473	509	544	487
K population	792	796	805	867	887	868	830	862	896	895	934	958	938	877	885	850	848	825
Ratio	0.96	1.00	1.05	1.13	1.23	1.17	1.22	1.26	1.27	1.26	1.37	1.56	1.69	1.55	1.87	1.67	1.56	1.69

Next year's kindergarten projection of 837 students is calculated using an adjusted three-year average of the previous kindergarten enrollments, a more conservative approach than the four-year or five-year average. The three-year average captures experience with kindergarten populations in the recent past and excludes all of the record high kindergarten years. Similar to the average cohort survival ratio methodology, the three-year average for kindergarten students is calculated for resident students, and non-resident student projections are added to each year's projection after the average has been calculated. An adjustment has been made to the kindergarten projection in each of the next five years by deducting one kindergarten student from each school (for a total deduction of 15 students in each year of the projection). This adjustment has been included to bring the projections more in line with recent birth rate data, which indicates a decline in birth rates for upcoming kindergarten classes (as described below). In the past, the kindergarten projection method has incorporated city census data on children age 4. However, in recent years, this data has not been a good predictor of the number of kindergarten students and therefore is not included.

Resident births to kindergarten ratios are displayed below. Comparing each year's kindergarten population to the number of state recorded Newton births five years prior yields a birth to kindergarten ratio. The 771 resident births in 2015 and the kindergarten class of 837 students projected next year in 2020-21 produce a ratio of 1.09 which is similar to recent experience. The current 2019-20 year has a lower ratio, with 797 resident births and a kindergarten class of 825 students, resulting in a birth to

kindergarten ratio of 1.04 which is similar to the 2017-18 school year, and relatively low compared with other recent years.

Resident Births* to Kindergarten Ratios

Birth Year	Births to Kindergarten Ratios											
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015**
# of Births	844	788	812	815	907	806	787	787	812	801	797	771
Kindergarten Year	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Kindergarten	862	896	895	934	958	938	877	885	850	848	825	837
Ratio	1.02	1.14	1.10	1.15	1.06	1.16	1.11	1.12	1.05	1.06	1.04	1.09

*Source is the Massachusetts Department of Public Health, Vital Statistics (obtained through NESDEC).

** Kindergarten class is projected.

NESDEC Comparison

The enrollment analysis report includes projections for the Newton Public Schools from NESDEC (the New England School Development Council) as comparative data. In total by all grade levels, NESDEC's enrollment projections for 2020-21 are very close to Newton's projections. NESDEC is projecting one student higher than Newton for next year; by level, NESDEC is projecting slightly smaller elementary level classes and slightly larger high school level classes than Newton. NESDEC uses a five-year average of Newton resident birth data to project kindergarten enrollment five years later; to project kindergarten enrollment in the last year of the projection, NESDEC uses estimated numbers of births. Please see Table 11 of Appendix D for more detail.

There is a large divergence between Newton and NESDEC's kindergarten projections in the second, third, and fourth years of the projections, with a difference of 53, 53, and 84 students respectively (Newton's projections are higher). NESDEC's lower projections of kindergarten students in these years are due to lower birth rate data five years prior (in 2016, 2017, and 2018, respectively). Birth data from the Massachusetts Registry of Vital Records and Statistics documents 706 resident births in 2016, 696 resident births in 2017, and 661 births in 2018, which indicate a decline in the birth rates from recent years (see table above). This decline in the birth rate is the reason an adjusted three-year average is utilized for Newton's kindergarten projections.

There are two additional differences between NESDEC's projection methodology and Newton's. First, NESDEC's projections are calculated by total grade rather than by school and by grade. Second, NESDEC uses different cohort survival ratios for all grades influenced by their regional experience of school districts whereas Newton uses a five-year ratio based on Newton data for grades K through 12.

Accuracy of Projections

Several tables are included to show how accurately Newton Public Schools projections match actual enrollment. The table below shows the projections for the current year (2019-20) by grade level compared to predictions one, two and three years ago.

Projection History for 2019-20 (FY20)

Date Projected	Elementary	Middle	High School	Total
Fall 2016	5,853	2,855	4,116	12,824
Fall 2017	5,816	2,852	4,112	12,780
Fall 2018	5,724	2,913	4,065	12,702
Actual October 2019	5,626	2,903	4,082	12,611

The effect of four years of lower kindergarten enrollments is reflected in the elementary projections for October 2019, which have decreased in each of the three prior enrollment projections. The middle school and high school projections made last fall were relatively accurate.

Overall, the October 1, 2019 actual enrollment of 12,611 students is 91 students lower than projected one year ago in the November 2018 Enrollment Analysis Report, a -0.7% variance from projection. For comparison, variances from projection also were negative in four of the prior five years: specifically, -0.7% in 2018-19, -0.3% in 2017-18, -1.4% in 2015-16, and -0.7% in 2014-15. In the past 18 years, Newton has had eight negative variances when actual enrollment has been lower than projected enrollment. In ten years of this time period, the actual enrollment has been higher than the projection. This year, elementary and middle grade levels are enrolled at lower than projected levels with 98 and 10 fewer students, respectively, while the high school level is enrolled at higher than projected levels (17 students above projection).

Table 5 provides a one-page summary of last year's projections by school. Of the ten elementary schools that had enrollments lower than projected, Ward had the largest variance of -11.5%. Five elementary schools enrolled more than (or the same as) projected; Bowen had the largest variance of +3.0%. Bigelow was the only middle school that varied from projection by more than 1%, with a variance of -3.5% (18 fewer students). Newton North enrolled slightly fewer students than projected with a variance of -0.4% (-9 students) and Newton South enrolled more students than projected with a variance of 1.3% (+26 students).

Table 6 provides school and grade detail comparing the 2019-20 enrollment to the projections made last year. This table illustrates that, similar to last year, kindergarten had the highest variance from projection, -5.2%. Grades 3 and 4 also had variances greater than 1%, with -2.1% and -3.0%, respectively. At the middle school grade level, grades 6 and 7 had variances greater than 1%, with -1.7% and +1.5%, respectively. At the high school grade level, grades 10 and 12 had variances greater than 1%, with variances of +1.9% (or 19 students) and +2.7% (or 27 students), respectively. At the high school grade level, however, please note that new this year, students who receive special education services outside the regular classroom for a significant amount of time are included with their grade level cohorts. In prior years, projections and actual high school grade level numbers removed these students from their grade level cohorts and included them in the Special Education row. Variances at the high school level, therefore, are less meaningful this year, as the methodology has changed.

Table 7 provides actual enrollment, corresponding projections, and percentage variance for each of the past five years since 2014-15, as well as the projections through 2024-25.

TABLE 5
COMPARISON OF OCTOBER, 2018 AND OCTOBER, 2019 ENROLLMENTS AND
COMPARISON OF PROJECTED WITH ACTUAL OCTOBER, 2019 ENROLLMENT

October 2019 Actual By Grade																
SCHOOLS	OCTOBER 2018 ACTUAL	K	1	2	3	4	5		OCTOBER 2019 ACTUAL	DIFF. 2019- 2018	% DIFF.	2019 Projected*	DIFF. ACTUAL/ PROJ.	% DIFF.		
Angier	503	65	86	73	99	82	97		502	-1	-0.2%	517	-15	-2.9%		
Bowen	397	55	62	68	62	62	63		372	-25	-6.3%	361	11	3.0%		
Burr	384	62	60	72	46	56	70		366	-18	-4.7%	367	-1	-0.3%		
Cabot	386	66	65	62	60	68	72		393	7	1.8%	395	-2	-0.5%		
Countryside	413	55	68	67	72	66	85		413	0	0.0%	404	9	2.2%		
Franklin	427	65	61	66	83	57	81		413	-14	-3.3%	417	-4	-1.0%		
Horace Mann	399	57	63	61	71	75	64		391	-8	-2.0%	388	3	0.8%		
Lincoln-Eliot	365	55	68	66	58	53	62		362	-3	-0.8%	355	7	2.0%		
Mason-Rice	487	58	61	67	78	91	91		446	-41	-8.4%	462	-16	-3.5%		
Memorial-Spaulding	464	51	63	83	84	91	93		465	1	0.2%	467	-2	-0.4%		
Peirce	271	43	49	47	43	45	57		284	13	4.8%	284	0	0.0%		
Underwood	290	42	40	36	45	42	64		269	-21	-7.2%	284	-15	-5.3%		
Ward	296	34	40	35	45	47	54		255	-41	-13.9%	288	-33	-11.5%		
Williams	278	38	40	51	39	56	37		261	-17	-6.1%	279	-18	-6.5%		
Zervas	427	79	76	64	83	61	71		434	7	1.6%	456	-22	-4.8%		
SUB-TOTAL	5,787	825	902	918	968	952	1061		5,626	-161	-2.8%	5,724	-98	-1.7%		
SCHOOLS					6	7	8									
Bigelow	501				162	176	156		494	-7	-1.4%	512	-18	-3.5%		
Brown	744				263	277	238		778	34	4.6%	771	7	0.9%		
Day	976				330	329	340		999	23	2.4%	994	5	0.5%		
Oak Hill	630				240	202	190		632	2	0.3%	636	-4	-0.6%		
SUB-TOTAL	2,851				995	984	924		2,903	52	1.8%	2,913	-10	-0.3%		
SCHOOLS				9	10	11	12									
Newton North	2,136			503	539	500	529	SP**	2,099	-37	-1.7%	2,108	-9	-0.4%		
Newton South	1,911			494	497	500	491	28	1,983	72	3.8%	1,957	26	1.3%		
SUB-TOTAL	4,047			997	1036	1000	1020	29	4,082	35	0.9%	4,065	17	0.4%		
GRAND TOTAL	12,685								12,611	-74	-0.6%	12,702	-91	-0.7%		

*METCO students are included in all schools' projected enrollments.

**Students receiving special education services beyond grade 12.

TABLE 6
ACTUAL AND PROJECTED ELEMENTARY ENROLLMENTS BY SCHOOL 2019-20

Grade	Angier		Bowen		Burr		Cabot		Countryside	
	Actual 19/20	Proj. 19/20	Actual 19/20	Proj. 19/20	Actual 19/20	Proj. 19/20	Actual 19/20	Proj. 19/20	Actual 19/20	Proj. 19/20
K	65	74	55	60	62	57	66	65	55	60
1	86	91	62	59	60	58	65	66	68	61
2	73	77	68	63	72	69	62	63	67	63
3	99	101	62	58	46	49	60	62	72	68
4	82	87	62	65	56	62	68	66	66	70
5	97	87	63	56	70	72	72	73	85	82
Total	502	517	372	361	366	367	393	395	413	404

Grade	Franklin		Horace Mann		Lincoln-Eliot		Mason-Rice		M-Spaulding	
	Actual 19/20	Proj. 19/20	Actual 19/20	Proj. 19/20	Actual 19/20	Proj. 19/20	Actual 19/20	Proj. 19/20	Actual 19/20	Proj. 19/20
K	65	61	57	56	55	54	58	61	51	72
1	61	61	63	64	68	56	61	60	63	63
2	66	63	61	61	66	63	67	70	83	80
3	83	86	71	71	58	62	78	78	84	78
4	57	60	75	75	53	52	91	94	91	84
5	81	86	64	61	62	68	91	99	93	90
Total	413	417	391	388	362	355	446	462	465	467

Grade	Peirce		Underwood		Ward		Williams		Zervas	
	Actual 19/20	Proj. 19/20	Actual 19/20	Proj. 19/20	Actual 19/20	Proj. 19/20	Actual 19/20	Proj. 19/20	Actual 19/20	Proj. 19/20
K	43	51	42	39	34	42	38	48	79	70
1	49	47	40	46	40	47	40	48	76	77
2	47	43	36	39	35	40	51	51	64	69
3	43	46	45	49	45	49	39	40	83	92
4	45	42	42	46	47	52	56	58	61	68
5	57	55	64	65	54	58	37	34	71	80
Total	284	284	269	284	255	288	261	279	434	456

Grade	TOTAL ELEM.		N Diff	% Diff.
	Actual 19/20	Proj. 19/20		
K	825	870	-45	-5.2%
1	902	904	-2	-0.2%
2	918	914	4	0.4%
3	968	989	-21	-2.1%
4	952	981	-29	-3.0%
5	1061	1066	-5	-0.5%
Total	5,626	5,724	-98	-1.7%

TABLE 6 (CONT.)
ACTUAL AND PROJECTED SECONDARY ENROLLMENTS BY SCHOOL 2019-20

Grade	Bigelow		Brown		Day		Oak Hill	
	Actual 19/20	Proj. 19/20	Actual 19/20	Proj. 19/20	Actual 19/20	Proj. 19/20	Actual 19/20	Proj. 19/20
6	162	182	263	272	330	321	240	237
7	176	171	277	270	329	322	202	206
8	156	159	238	229	340	351	190	193
Total	494	512	778	771	999	994	632	636

Grade	TOTAL MIDDLE		N Diff.	% Diff.
	Actual 19/20	Proj. 19/20		
6	995	1012	-17	-1.7%
7	984	969	15	1.5%
8	924	932	-8	-0.9%
Total	2,903	2,913	-10	-0.3%

Grade	North		South		TOTAL HIGH		N Diff.	% Diff.
	Actual 19/20	Proj. 19/20	Actual 19/20	Proj. 19/20	Actual 19/20	Proj. 19/20		
9	503	509	494	481	997	990	7	0.7%
10	539	536	497	481	1,036	1,017	19	1.9%
11	500	500	500	496	1,000	996	4	0.4%
12	529	505	491	488	1,020	993	27	2.7%
SP*	28	58	1	11	29	69	-40	-58.0%
Total	2,099	2,108	1,983	1,957	4,082	4,065	17	0.4%

*Starting in 19/20 (actual), only students in grade SP are included in this row. In the 19/20 projections, this row included students in grades 9-12 who received special education services outside the regular classroom for a significant amount of time.

Division	Actual 19/20	Proj. 19/20	N Diff.	% Diff.
Elementary	5,626	5,724	-98	-1.7%
Middle	2,903	2,913	-10	-0.3%
High	4,082	4,065	17	0.4%
Total	12,611	12,702	-91	-0.7%

**TABLE 7
ACTUAL AND PROJECTED K-12 ENROLLMENTS 2014-15 TO 2024-25**

Grade	Actual 14/15	Proj. 14/15	Actual 15/16	Proj. 15/16	Actual 16/17	Proj. 16/17	Actual 17/18	Proj. 17/18	Actual 18/19	Proj. 18/19	Actual 19/20	Proj. 19/20	Proj. 20/21	Proj. 21/22	Proj. 22/23	Proj. 23/24	Proj. 24/25
K	938	892	877	922	885	895	850	902	848	885	825	870	837	822	813	806	794
1	999	1007	1005	979	943	927	966	935	907	901	902	904	894	899	890	874	873
2	979	1008	992	1020	1042	1016	960	955	980	978	918	914	919	910	913	906	890
3	946	966	977	997	1005	1008	1041	1060	970	971	968	989	925	927	919	924	917
4	980	994	949	955	976	988	1020	1013	1058	1050	952	981	978	928	934	926	934
5	991	993	985	986	950	953	987	980	1024	1031	1061	1066	960	985	936	947	941
Total	5,833	5,860	5,785	5,859	5,801	5,787	5,824	5,845	5,787	5,816	5,626	5,724	5,513	5,471	5,405	5,383	5,349
6	922	911	963	959	961	954	931	925	973	964	995	1012	1041	940	971	926	933
7	963	986	912	926	972	970	948	968	932	935	984	969	999	1043	944	979	931
8	921	941	943	967	927	914	989	979	946	953	924	932	986	1001	1047	950	983
Total	2,806	2,838	2,818	2,852	2,860	2,838	2,868	2,872	2,851	2,852	2,903	2,913	3,026	2,984	2,962	2,855	2,847
9	977	999	945	983	992	996	980	979	1012	1040	997	990	966	1033	1048	1099	994
10	941	967	973	982	976	945	998	1002	983	988	1036	1017	1014	980	1049	1065	1115
11	964	939	937	945	1007	976	988	988	999	1013	1000	996	1050	1028	994	1066	1080
12	888	886	946	968	925	934	1006	1005	984	985	1020	993	998	1048	1026	994	1065
SP*	94	100	104	94	96	104	86	96	69	86	29	69	29	29	29	29	29
Total	3,864	3,891	3,905	3,972	3,996	3,955	4,058	4,070	4,047	4,112	4,082	4,065	4,057	4,118	4,146	4,253	4,283
K-12 TOTAL	12,503	12,589	12,508	12,683	12,657	12,580	12,750	12,787	12,685	12,780	12,611	12,702	12,596	12,573	12,513	12,491	12,479
% Variance	-0.7%		-1.4%		0.6%		-0.3%		-0.7%		-0.7%		N/A	N/A	N/A	N/A	N/A

Frequently Asked Questions

1. Why do we need to know how many students may be attending each school in Newton in future years?

Enrollment projections are useful for decision-making and planning, especially in light of enrollment changes and residential development. Carefully crafted, presented and interpreted projections are a key first step in the planning process. The district is then able to plan the budgets, including capital improvements, classroom space requirements, sufficient teacher workforce and staffing, instructional materials, transportation and so forth. Accurate projections alert the district to changes in school population to allow for needed adjustments. In addition to the projections, school principals provide critical data on enrollments and registrations each spring. These projections help communities to better understand the impact of trends and changes in enrollment, migration and births on school population. All projections are based on underlying assumptions that use historical school enrollment and census data.

2. Why can't the principals count the students who are in their school and add the students who are coming next year?

This technique may work very well in small, stable communities for a single year's projection. However, larger communities like Newton, with a need for long-term planning, require more complex approaches in order to project enrollment trends some years into the future. Research done on Newton's high school enrollment showed that a significant number of students enter and exit the system during the school year and during each summer. Reliance on class lists would provide a less accurate picture than the use of a statistical model that accounts for movements in and out of each school and the system as a whole. It is worth noting that Newton's elementary school principals submit expected numbers of pupils in May and June so that planning for classrooms and teaching staff can proceed with the most recent information.

3. What procedures are used in other school systems across the United States?

Most school systems use the "Cohort Survival" method, or some variation, as the technique to provide enrollment projections. The basic unit used in this technique is the ratio, a measure that expresses the relative size of two numbers. The cohort survival ratio method models and calculates the flow of a cohort or age group of pupils through the system from one grade to the next over a number of years.

The ratios are influenced by several variables--census data, birth rates, student entrances, exits, and transfers, non-public school enrollment patterns, frequency of promotions or retentions, drop-out rates, the proportion of the city school-age population, housing patterns, the number of building permits issued, and other urban trends. Because these variables change from year to year and from school to school, an average ratio of three to five years is used to project for the future. The more stable the community or the individual school neighborhood, the easier and more reliable the projections.

The advantages of this type of model are: (1) it captures the multiple forces which affect population changes (move-ins, move-outs, transfers between schools); and (2) it distinguishes changes in each age group rather than looking at a composite of all changes.

A limited number of school systems have prepared enrollment projections using other procedures. For example, regression analysis utilizing the same predictors - births and past tendencies of school children to advance from one grade to the next - can be employed. Other methods include: growth technique (establishes a district level enrollment curve based on ratios, migration, retention, drop-outs, private school enrollment, etc.); historical comparison of dwellings to enrollment used to base projections; method of analogy (analysis of national trends or local growth influence on district enrollment); and the multiple factor method (study of social and economic factors' influence on enrollment).

4. What procedure historically has been utilized in Newton?

The cohort survival ratio method for system-wide projections with adjustments, if appropriate, at the school level has been used for many years. In the past, a combination of three-year, four-year, and five-year average ratios has been used, with the greatest variation in the kindergarten projection method. The method consistently has relied upon five-year ratios for grades 1 through 12 in order to provide a consistent timeframe for the model across all schools and to take advantage of a full five years of experience. The method used to project kindergarten has relied upon a combination of approaches in order to arrive at the most reasonable projection, given high variability in class size. In the past for kindergarten projections, Newton has used city census data for the number of children aged 3 or 4 years as compared to the kindergarten population two years hence, but this has not been possible in recent years.

5. How accurate are projections?

The quality of the data obviously influences the accuracy of the projections. Cohort survival relies on data that is usually readily available and reasonably reliable - census data on births and past enrollments.

"Goodness of fit," a measure of the percentage of error, is determined by dividing the difference between the actual and projected enrollment for each level by the projected enrollment figure. The errors are the magnitude of the percentage difference between projected and actual enrollments. A small percentage of error is preferred. Research literature indicates that total school district enrollment may be projected with an accuracy of plus or minus 1%, yet an individual school's error rate might exceed 10%. Past system-wide error rates in Newton have been low, at around +/-1%, while grade level and school based projections have been higher.

In summary, short-term projections are generally more accurate than long-term projections. Projections for districts with larger enrollments are more accurate than those for smaller districts. System-wide projections are more accurate than individual school projections. Error is especially important to consider when reviewing the data beyond five years in the future. These projections, *at best*, provide only the direction or trend enrollments will take into the future. This is because beyond the fourth year of the

projection, elementary enrollments must be based on predicted births in a calendar year that is not yet complete, and for which data has not yet been 100% collected. Secondary level enrollments can be projected beyond that point with a greater assurance of reliability.

ENROLLMENT HISTORY

Grade-by-Grade Analysis

A Comparison to Peak Enrollment Years

III. ENROLLMENT HISTORY

This section of the report looks at historical enrollment patterns in two ways. The first is on a grade-by-grade basis, tracking the in- and out-migration of students as each kindergarten class moves through the system. The second provides a look at current enrollment as compared with peak enrollment years.

Grade-by-Grade Analysis

Table 8 shows the changes in size of each grade cohort from 2018-19 to 2019-20. Most cohort migrations were positive, the largest of which was 54 students from kindergarten to grade 1. The net in-migration from grade 8 to grade 9 was also large, with cohort growth of 51 students. There were negative migrations for some cohorts in elementary and middle schools, specifically grade 2 to grade 3 (-12 students), grade 3 to grade 4 (-18 students), grade 5 to grade 6 (-29 students), and grade 7 to grade 8 (-8 students).

Table 9 shows Newton's historical cohort survival ratios by grade from 1991-92 through 2019-20. This table shows the net in- and out-migration patterns for each grade level. *Ratios greater than one indicate growth and ratios less than one indicate a decrease in the cohort.* Over the years, each cohort moving from K-1 has a survival ratio greater than one, indicating net in-migration. In the past five years, the ratio from grade K-1 has been high, (1.06 or higher), underscoring Newton's consistent experience of cohort growth in early elementary grades. The average cohort growth of K-1 and 1-2 is a ratio of 1.04 this year, the same as last year.

This year's ratio of 0.97 from grade 5-6 is typical of most recent years; in past years and in this year, the transition from elementary school to middle school has been marked by net out-migration between grades 5 to 6, as some students leave to enroll in private schools. Conversely, the transition from grade 8 to high school has historically shown a net in-migration as students enter the public schools during this transition year. This year's ratio from grade 8 to grade 9 is 1.05, higher than last year's ratio of 1.02, and similar to the two years prior.

A Comparison to Peak Enrollment Years

Current Newton South High School enrollment of 1,983 students is at an historic peak. The total 2019-20 enrollment of 12,611 is 68% of the 1967 peak enrollment of 18,424. At the beginning of the most recent growth trend in 2004, the district's enrollment of 11,268 students was 61% of the 1967 peak year.

<u>Peak</u>	<u>Enrollment</u>	<u>Year</u>	<u>Number of K -12 Schools</u>
K-12	18,424	1967	23 Elementary, 5 Jr. Highs, 2 Sr. Highs
K-6	9,887	1960	25 Elementary, 5 Jr. Highs, 2 Sr. Highs, 1 Technical High School
North High	2,976	1972	23 Elementary, 5 Jr. Highs, 2 Sr. Highs
South High	1,983	2019	15 Elementary, 4 Middle Schools, 2 High Schools

TABLE 8
ENROLLMENTS BY GRADE
2018 and 2019

Grade	October 1 Enrollment			Changes in Enrollment 2018-2019 to 2019-2020	
	2018	Net Migration	2019	N	%
K	848		825	-23	-2.7%
1	907	+54	902	-5	-0.6%
2	980	+11	918	-62	-6.3%
3	970	-12	968	-2	-0.2%
4	1,058	-18	952	-106	-10.0%
5	1,024	+3	1,061	+37	+3.6%
		-29			
TOTAL ELEMENTARY SCHOOLS	5,787		5,626	-161	-2.8%
6	973		995	+22	+2.3%
7	932	+11	984	+52	+5.6%
8	946	-8	924	-22	-2.3%
9	1,012	+51	997	-15	-1.5%
10	983	+24	1,036	+53	+5.4%
11	999	+17	1,000	+1	+0.1%
12	984	+21	1,020	+36	+3.7%
SP*	69		29	-40	-58.0%
TOTAL SECONDARY SCHOOLS	6,898		6,985	+87	+1.3%
GRAND TOTAL	12,685		12,611	-74	-0.6%

*Starting in 2019, only students in grade SP are included in this row. Prior to 2019, this row included students in grades 9-12 who received special education services outside the regular classroom for a significant amount of time.

TABLE 9
HISTORICAL COHORT SURVIVAL RATIOS BY GRADE

School Year	K-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	Average K-2	Average K-5	Average All Grades
91-92	1.04	1.00	1.00	0.99	0.99	1.01	0.97	1.02	1.05	1.04	1.00	1.00	1.02	1.01	1.01
92-93	1.05	1.00	1.01	1.00	0.99	1.00	0.96	1.02	1.02	1.04	0.99	1.02	1.02	1.01	1.01
93-94	1.05	1.02	1.03	0.99	0.97	0.99	0.96	1.02	1.04	1.03	1.03	0.99	1.03	1.01	1.01
94-95	1.04	1.00	1.00	1.00	0.99	1.01	1.01	1.02	1.06	0.96	0.93	0.95	1.02	1.01	1.00
95-96	1.03	0.97	0.97	0.99	0.98	0.98	0.97	1.00	1.02	0.99	1.00	1.02	1.00	0.99	0.99
96-97	1.04	0.98	1.01	0.99	0.98	0.98	1.00	1.02	0.99	0.99	0.99	0.98	1.01	1.00	1.00
97-98	1.02	1.00	0.99	1.00	0.99	0.98	1.00	1.01	1.05	1.00	0.99	0.99	1.01	1.00	1.00
98-99	1.05	1.01	1.00	1.00	1.02	0.97	1.00	1.03	1.05	1.02	1.02	1.01	1.03	1.02	1.02
99-00	1.03	1.02	1.00	1.01	1.01	0.97	1.00	1.01	1.06	1.01	0.96	1.01	1.02	1.02	1.01
00-01	1.02	0.99	1.03	1.00	1.01	0.98	1.02	1.01	1.03	0.97	0.99	1.01	1.01	1.01	1.00
01-02	1.02	1.01	0.99	1.01	1.02	0.96	1.01	0.99	1.02	1.00	0.99	1.00	1.01	1.01	1.00
02-03	1.05	1.06	1.00	1.01	1.00	1.00	1.02	1.00	1.00	1.00	1.02	0.97	1.06	1.02	1.01
03-04	1.06	1.03	1.03	1.00	0.97	1.00	0.98	0.99	1.02	1.01	1.00	1.00	1.04	1.02	1.01
04-05	1.08	1.00	1.00	1.00	0.99	1.00	0.99	1.00	1.03	1.00	0.99	1.00	1.04	1.01	1.01
05-06	1.06	1.01	1.03	1.02	1.00	0.99	1.01	1.00	1.02	1.02	1.00	0.99	1.04	1.02	1.01
06-07	1.06	1.05	1.03	1.00	1.00	1.00	1.01	1.00	1.01	0.99	1.02	0.98	1.05	1.03	1.01
07-08	1.04	1.04	1.00	1.00	1.00	0.97	1.00	0.98	1.05	1.01	1.02	0.99	1.04	1.02	1.01
08-09	1.09	1.00	1.01	1.02	1.01	0.97	1.01	0.98	1.03	0.99	0.99	0.99	1.05	1.03	1.01
09-10	1.06	1.04	1.01	1.01	0.97	0.97	1.00	1.01	1.03	1.03	0.99	0.97	1.05	1.02	1.01
10-11	1.07	1.04	1.02	1.00	0.99	0.98	0.98	0.99	1.07	1.02	1.00	1.02	1.05	1.02	1.01
11-12	1.05	1.03	1.02	1.01	1.01	0.96	1.01	1.00	1.07	0.99	0.99	0.98	1.04	1.02	1.01
12-13	1.05	1.03	1.03	1.02	1.00	0.96	1.00	1.02	1.08	1.01	1.00	1.00	1.04	1.02	1.02
13-14	1.05	1.01	1.02	1.01	1.01	0.96	1.04	1.02	1.07	1.01	1.00	1.01	1.03	1.02	1.02
14-15	1.04	1.00	1.00	1.00	1.00	0.98	0.98	0.99	1.04	0.99	1.02	1.00	1.02	1.01	1.00
15-16	1.07	0.99	1.00	1.00	1.01	0.97	0.99	0.98	1.03	1.00	1.00	0.98	1.03	1.01	1.00
16-17	1.08	1.04	1.01	1.00	1.00	0.98	1.01	1.02	1.05	1.03	1.03	0.99	1.06	1.03	1.02
17-18	1.09	1.02	1.00	1.01	1.01	0.98	0.99	1.02	1.06	1.01	1.01	1.00	1.05	1.03	1.02
18-19	1.07	1.01	1.01	1.02	1.00	0.99	1.00	1.00	1.02	1.00	1.00	1.00	1.04	1.02	1.01
19-20	1.06	1.01	0.99	0.98	1.00	0.97	1.01	0.99	1.05	1.02	1.02	1.02	1.04	1.01	1.01

INDIVIDUAL SCHOOL REPORTS

IV. INDIVIDUAL SCHOOL REPORTS

The individual school reports contain the following information:

Elementary Schools

1. Enrollments by grade for last year (2018-19) and this year (2019-20) and the change in enrollment at each grade level. Enrollment projections by grade for the next five years (2020-21 to 2024-25) are also reported based on a 5-year cohort survival ratio average for grades 1 through 5 and an adjusted 3-year average for kindergarten.
2. Ten years of kindergarten and total school enrollments, with five years projected.
3. Actual and projected classroom distributions for five years including, for next school year, average class sizes and maximum class sizes by grade. The projected classroom distributions are theoretical and are for planning purposes to assess enrollment capacity and to plan for the utilization of buffer zones as necessary to balance enrollment.
4. A line graph depicting enrollment history over time and for projections (5 years).

Middle Schools

1. Enrollments by grade for last year (2018-19) and this year (2019-20) and the change in enrollment at each grade level. Enrollment projections by grade for the next five years (2020-21 to 2024-25) are also presented based on 5-year cohort survival ratio averages.
2. Ten years of enrollment change.
3. Number of 5th grade students from feeder elementary schools who will enter the 6th grade next year in 2020-21.
4. A line graph depicting enrollment history over time and for projections (5 years).

High Schools

1. Enrollments by grade for last year (2018-19) and this year (2019-20) and the change in enrollment at each grade level. Enrollment projections by grade for the next five years (2020-21 to 2024-25) are also presented based on a 5-year cohort survival ratio average.
2. Ten years of enrollment change.
3. Number of 8th grade students from feeder middle schools who will enter the 9th grade next year in 2020-21.
4. A line graph depicting enrollment history over time and for projections (5 years).

Angier

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2018 FY19	2019 FY20	N	%	2020 FY21	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	84	65	-19	-22.6%	70	72	69	67	69
1	73	86	13	17.8%	71	77	81	75	74
2	97	73	-24	-24.7%	91	76	82	86	80
3	86	99	13	15.1%	77	97	81	87	91
4	89	82	-7	-7.9%	99	77	97	81	87
5	74	97	23	31.1%	82	99	78	97	81
TOTAL	503	502*	-1	-0.2%	490	498	488	493	482

*2019 Includes 10 METCO students. Projections include new METCO students for each year.

TEN YEARS OF TOTAL SCHOOL ENROLLMENTS - FIVE PROJECTED

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
2010	57	375		
2011	62	395	20	5.3%
2012	69	408	13	3.3%
2013	67	417	9	2.2%
2014	65	402	-15	-3.6%
2015	62	409	7	1.7%
2016	78	421	12	2.9%
2017	65	467	46	10.9%
2018	84	503	36	7.7%
2019	65	502	-1	-0.2%
2020	70	490	-12	-2.4%
2021	72	498	8	1.6%
2022	69	488	-10	-2.0%
2023	67	493	5	1.0%
2024	69	482	-11	-2.2%

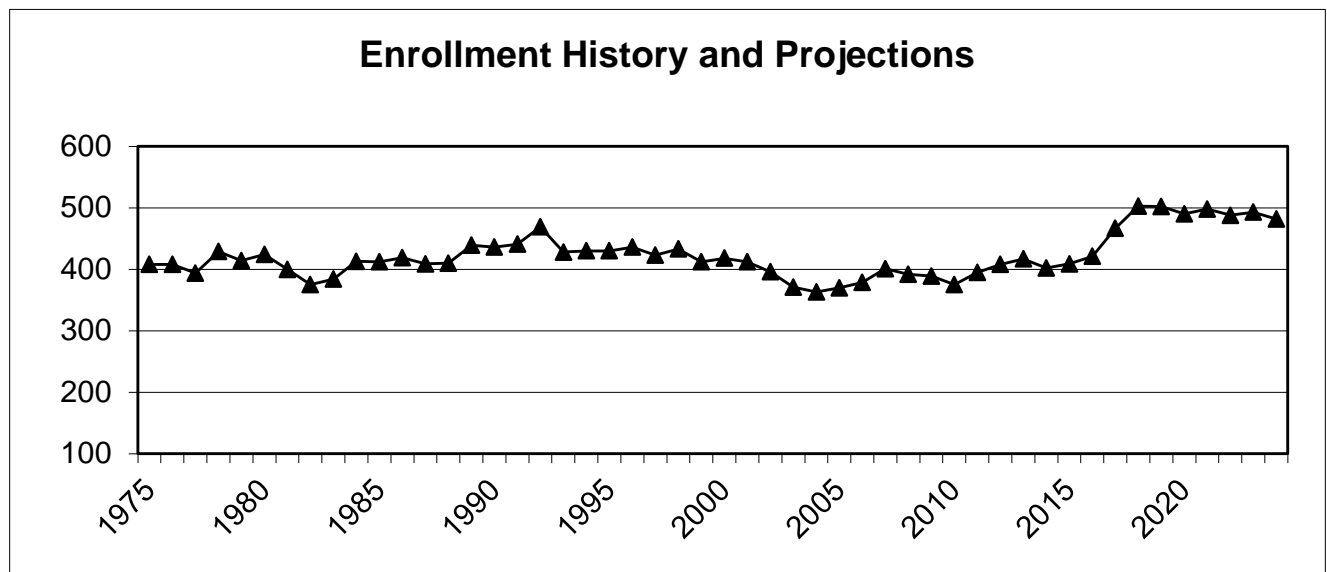
Peak enrollment year: 2018, 503 students

Angier

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2019 FY20	Avg. Class Size	2020 FY21	Avg. Class Size	Max Size	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	3	21.7	3	23.3	24.0	3	3	3	3
1	4	21.5	3	23.7	24.0	3	4	3	4
2	4	18.3	4	22.8	23.0	4	4	4	4
3	5	19.8	4	19.3	20.0	5	4	4	4
4	4	20.5	5	19.8	20.0	4	4	4	4
5	4	24.3	4	20.5	21.0	4	4	4	4
TOTAL	24		23			23	23	22	23
Avg. Class Size	20.9		21.3			21.7	21.2	22.4	21.0

Note: The projected classroom arrays are theoretical, not staffing patterns, and are for planning purposes to assess enrollment capacity and to plan for the utilization of buffer zones as necessary to balance enrollment.



Bowen

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2018 FY19	2019 FY20	N	%	2020 FY21	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	54	55	1	1.9%	60	55	55	56	52
1	67	62	-5	-7.5%	59	64	60	60	62
2	60	68	8	13.3%	60	56	62	57	57
3	66	62	-4	-6.1%	66	58	54	60	56
4	55	62	7	12.7%	61	64	57	53	59
5	95	63	-32	-33.7%	65	64	68	60	56
TOTAL	397	372*	-25	-6.3%	371	361	356	346	342

*2019 Includes 10 METCO students. Projections include new METCO students for each year.

TEN YEARS OF TOTAL SCHOOL ENROLLMENTS - FIVE PROJECTED

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
2010	70	449		
2011	67	448	-1	-0.2%
2012	79	477	29	6.5%
2013	95	502	25	5.2%
2014	65	475	-27	-5.4%
2015	59	449	-26	-5.5%
2016	60	417	-32	-7.1%
2017	64	421	4	1.0%
2018	54	397	-24	-5.7%
2019	55	372	-25	-6.3%
2020	60	371	-1	-0.3%
2021	55	361	-10	-2.7%
2022	55	356	-5	-1.4%
2023	56	346	-10	-2.8%
2024	52	342	-4	-1.2%

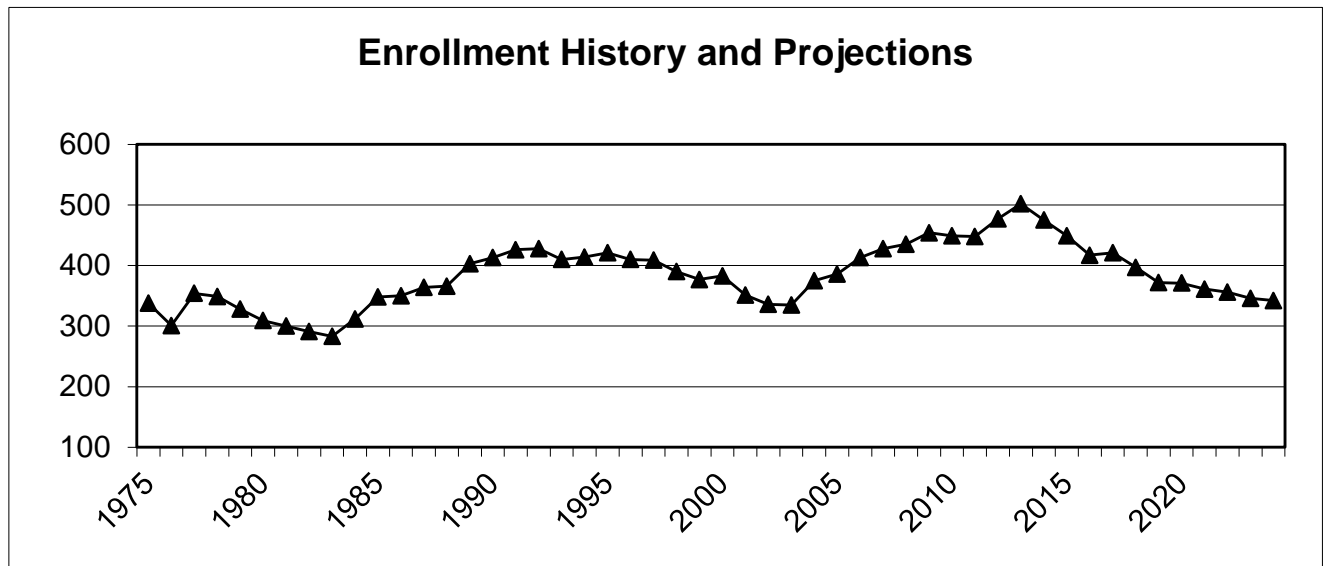
Peak enrollment year: 2013, 502 students

Bowen

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2019 FY20	Avg. Class Size	2020 FY21	Avg. Class Size	Max Size	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	3	18.3	3	20.0	20.0	3	3	3	3
1	3	20.7	3	19.7	20.0	3	3	3	3
2	3	22.7	3	20.0	20.0	3	3	3	3
3	3	20.7	3	22.0	22.0	3	3	3	3
4	3	20.7	3	20.3	21.0	3	3	3	3
5	3	21.0	3	21.7	22.0	3	3	3	3
TOTAL	18		18			18	18	18	18
Avg. Class Size	20.7		20.6			20.1	19.8	19.2	19.0

Note: The projected classroom arrays are theoretical, not staffing patterns, and are for planning purposes to assess enrollment capacity and to plan for the utilization of buffer zones as necessary to balance enrollment.



Burr

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2018 FY19	2019 FY20	N	%	2020 FY21	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	55	62	7	12.7%	60	59	59	57	60
1	69	60	-9	-13.0%	66	63	63	63	60
2	51	72	21	41.2%	60	67	63	64	63
3	62	46	-16	-25.8%	68	58	63	60	60
4	72	56	-16	-22.2%	45	66	57	61	59
5	75	70	-5	-6.7%	56	45	66	56	61
TOTAL	384	366*	-18	-4.7%	355	358	371	361	363

*2019 Includes 12 METCO students. Projections include new METCO students each year.

TEN YEARS OF TOTAL SCHOOL ENROLLMENTS - FIVE PROJECTED

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
2010	65	391		
2011	68	409	18	4.6%
2012	65	415	6	1.5%
2013	80	424	9	2.2%
2014	70	424	0	0.0%
2015	63	412	-12	-2.8%
2016	48	402	-10	-2.4%
2017	60	386	-16	-4.0%
2018	55	384	-2	-0.5%
2019	62	366	-18	-4.7%
2020	60	355	-11	-3.0%
2021	59	358	3	0.8%
2022	59	371	13	3.6%
2023	57	361	-10	-2.7%
2024	60	363	2	0.6%

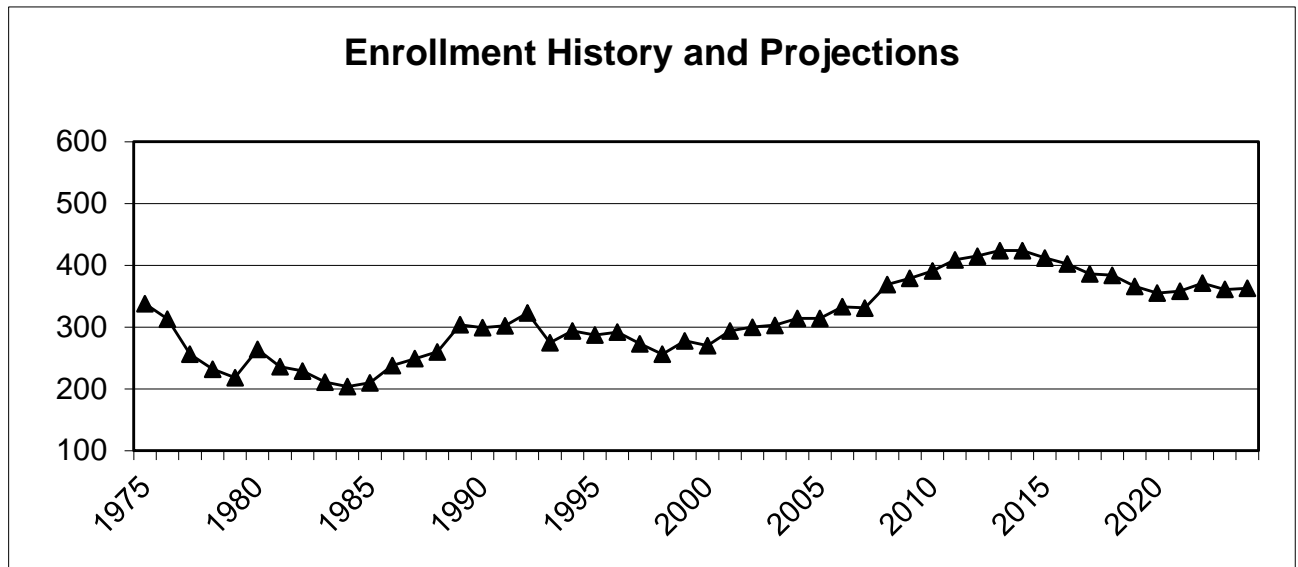
Peak enrollment year: 2013, 424 students

Burr

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2019 FY20	avg. Clas Size	2020 FY21	avg. Clas Size	Max Size	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	3	20.7	3	20.0	20.0	3	3	3	3
1	3	20.0	3	22.0	22.0	3	3	3	3
2	3	24.0	3	20.0	20.0	3	3	3	3
3	2	23.0	3	22.7	23.0	3	3	3	3
4	3	18.7	2	22.5	23.0	3	3	3	3
5	3	23.3	3	18.7	19.0	2	3	3	3
TOTAL	17		17			17	18	18	18
Avg. Class Size	21.5		20.9			21.1	20.6	20.1	20.2

Note: The projected classroom arrays are theoretical, not staffing patterns, and are for planning purposes to assess enrollment capacity and to plan for the utilization of buffer zones as necessary to balance enrollment.



Cabot

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2018 FY19	2019 FY20	N	%	2020 FY21	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	60	66	6	10.0%	68	68	70	68	66
1	59	65	6	10.2%	75	76	77	76	75
2	61	62	1	1.6%	71	82	81	82	82
3	67	60	-7	-10.4%	63	72	83	82	83
4	70	68	-2	-2.9%	59	62	72	82	83
5	69	72	3	4.3%	71	63	65	76	86
TOTAL	386	393*	7	1.8%	407	423	448	466	475

*2019 Includes 14 METCO students. Projections include new METCO students for each year.

TEN YEARS OF TOTAL SCHOOL ENROLLMENTS - FIVE PROJECTED

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
2010	72	452		
2011	63	440	-12	-2.7%
2012	73	420	-20	-4.5%
2013	54	419	-1	-0.2%
2014	61	418	-1	-0.2%
2015	52	403	-15	-3.6%
2016	52	400	-3	-0.7%
2017	57	391	-9	-2.3%
2018	60	386	-5	-1.3%
2019	66	393	7	1.8%
2020	68	407	14	3.6%
2021	68	423	16	3.9%
2022	70	448	25	5.9%
2023	68	466	18	4.0%
2024	66	475	9	1.9%

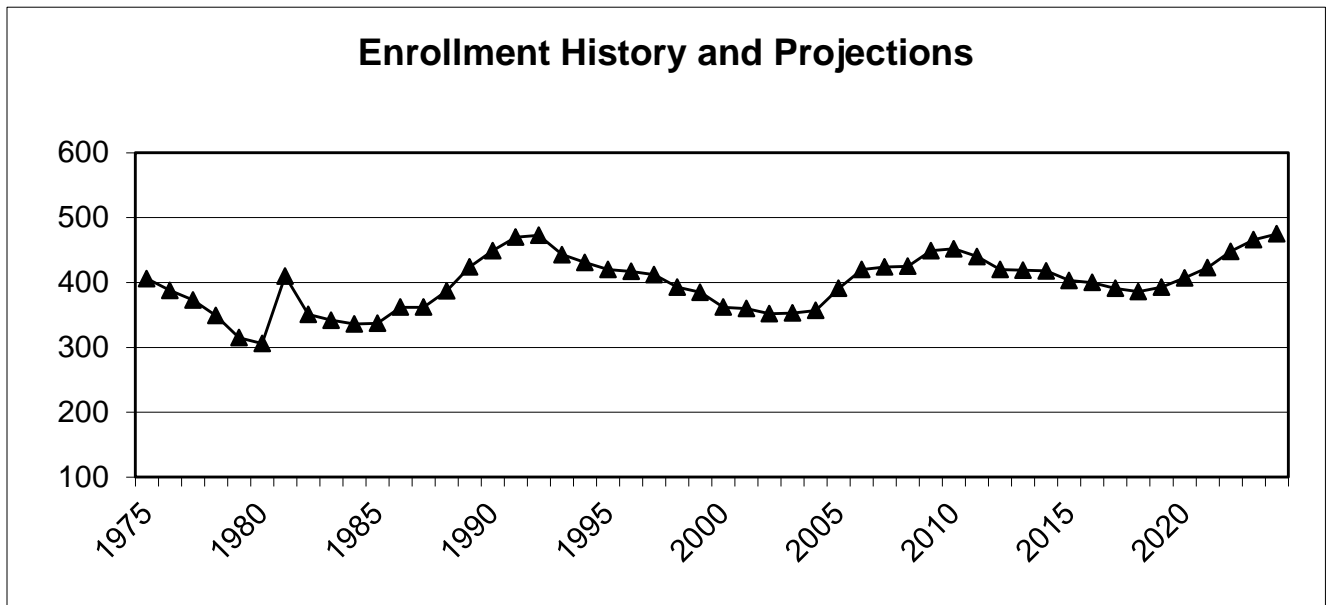
Peak enrollment year: 2024, 475 students

Cabot

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2019 FY20	Avg. Class Size	2020 FY21	Avg. Class Size	Max Size	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	3	22.0	3	22.7	23.0	3	3	3	3
1	3	21.7	4	18.8	19.0	4	4	4	4
2	3	20.7	3	23.7	24.0	4	4	4	4
3	3	20.0	3	21.0	21.0	3	4	4	4
4	3	22.7	3	19.7	20.0	3	3	4	4
5	3	24.0	3	23.7	24.0	3	3	4	4
TOTAL	18		19			20	21	23	23
Avg. Class Size	21.8		21.4			21.2	21.3	20.3	20.7

Note: The projected classroom arrays are theoretical, not staffing patterns, and are for planning purposes to assess enrollment capacity and to plan for the utilization of buffer zones as necessary to balance enrollment.



Countryside

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2018 FY19	2019 FY20	N	%	2020 FY21	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	59	55	-4	-6.8%	56	55	54	55	55
1	64	68	4	6.3%	58	59	58	60	62
2	66	67	1	1.5%	68	57	59	61	63
3	67	72	5	7.5%	70	70	60	64	66
4	81	66	-15	-18.5%	74	71	72	64	68
5	76	85	9	11.8%	67	75	72	75	68
TOTAL	413	413*	0	0.0%	393	387	375	379	382

*2019 Includes 19 METCO students. Projections include new METCO students for each year.

TEN YEARS OF TOTAL SCHOOL ENROLLMENTS - FIVE PROJECTED

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
2010	86	499		
2011	62	490	-9	-1.8%
2012	69	479	-11	-2.2%
2013	64	457	-22	-4.6%
2014	72	466	9	2.0%
2015	70	450	-16	-3.4%
2016	63	436	-14	-3.1%
2017	56	410	-26	-6.0%
2018	59	413	3	0.7%
2019	55	413	0	0.0%
2020	56	393	-20	-4.8%
2021	55	387	-6	-1.5%
2022	54	375	-12	-3.1%
2023	55	379	4	1.1%
2024	55	382	3	0.8%

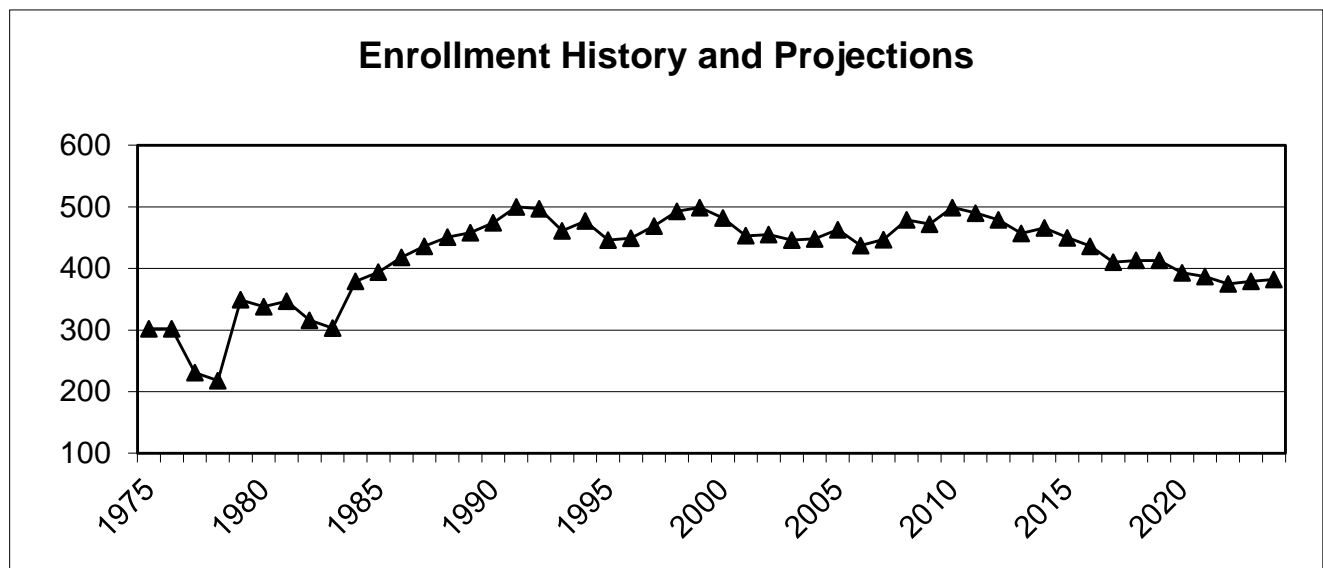
Peak enrollment year: 2010, 499 students

Countryside

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2019 FY20	Avg. Class Size	2020 FY21	Avg. Class Size	Max Size	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	3	18.3	3	18.7	19.0	3	3	3	3
1	3	22.7	3	19.3	20.0	3	3	3	3
2	3	22.3	3	22.7	23.0	3	3	3	3
3	3	24.0	3	23.3	24.0	3	3	3	3
4	3	22.0	3	24.7	25.0	3	3	3	3
5	4	21.3	3	22.3	23.0	3	3	3	3
TOTAL	19		18			18	18	18	18
Avg. Class Size	21.7		21.8			21.5	20.8	21.1	21.2

Note: The projected classroom arrays are theoretical, not staffing patterns, and are for planning purposes to assess enrollment capacity and to plan for the utilization of buffer zones as necessary to balance enrollment.



Franklin

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2018 FY19	2019 FY20	N	%	2020 FY21	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	59	65	6	10.2%	58	56	58	57	55
1	64	61	-3	-4.7%	69	62	58	60	61
2	85	66	-19	-22.4%	60	68	60	56	59
3	61	83	22	36.1%	67	60	68	61	57
4	86	57	-29	-33.7%	81	65	58	66	59
5	72	81	9	12.5%	56	79	63	57	64
TOTAL	427	413*	-14	-3.3%	391	390	365	357	355

*2019 Includes 10 METCO students. Projections include new METCO students for each year.

TEN YEARS OF TOTAL SCHOOL ENROLLMENTS - FIVE PROJECTED

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
2010	42	397		
2011	72	401	4	1.0%
2012	63	396	-5	-1.2%
2013	78	389	-7	-1.8%
2014	76	413	24	6.2%
2015	67	424	11	2.7%
2016	79	446	22	5.2%
2017	62	434	-12	-2.7%
2018	59	427	-7	-1.6%
2019	65	413	-14	-3.3%
2020	58	391	-22	-5.3%
2021	56	390	-1	-0.3%
2022	58	365	-25	-6.4%
2023	57	357	-8	-2.2%
2024	55	355	-2	-0.6%

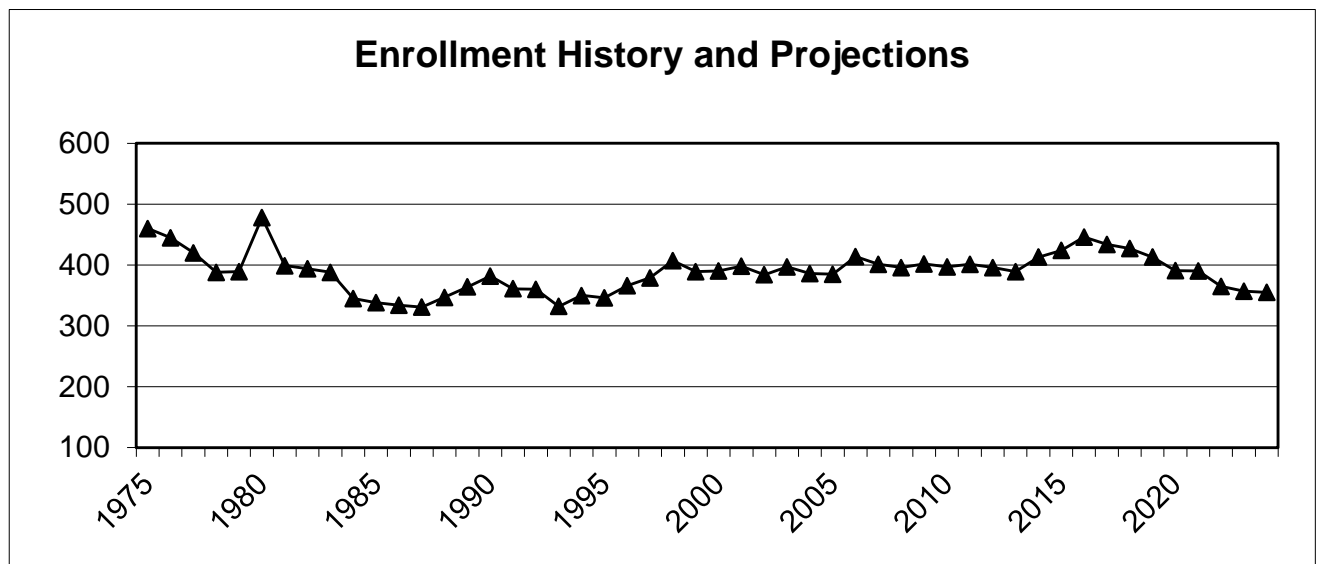
Peak enrollment year: 2016, 446 students

Franklin

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2019 FY20	Avg. Class Size	2020 FY21	Avg. Class Size	Max Size	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	3	21.7	3	19.3	20.0	3	3	3	3
1	3	20.3	3	23.0	23.0	3	3	3	3
2	3	22.0	3	20.0	20.0	3	3	3	3
3	4	20.8	3	22.3	23.0	3	3	3	3
4	3	19.0	4	20.3	21.0	3	3	3	3
5	4	20.3	3	18.7	19.0	4	3	3	3
TOTAL	20		19			19	18	18	18
Avg. Class Size	20.7		20.6			20.5	20.3	19.8	19.7

Note: The projected classroom arrays are theoretical, not staffing patterns, and are for planning purposes to assess enrollment capacity and to plan for the utilization of buffer zones as necessary to balance enrollment.



Horace Mann

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2018 FY19	2019 FY20	N	%	2020 FY21	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	61	57	-4	-6.6%	56	58	57	57	56
1	61	63	2	3.3%	60	61	61	62	60
2	70	61	-9	-12.9%	63	60	61	61	62
3	73	71	-2	-2.7%	62	64	61	62	62
4	62	75	13	21.0%	73	63	65	62	63
5	72	64	-8	-11.1%	75	72	63	65	62
TOTAL	399	391*	-8	-2.0%	389	378	368	369	365

*2019 Includes 12 METCO students. Projections include new METCO students for each year.

TEN YEARS OF TOTAL SCHOOL ENROLLMENTS - FIVE PROJECTED

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
2010	67	373		
2011	80	386	13	3.5%
2012	65	394	8	2.1%
2013	67	427	33	8.4%
2014	65	434	7	1.6%
2015	57	412	-22	-5.1%
2016	62	417	5	1.2%
2017	60	404	-13	-3.1%
2018	61	399	-5	-1.2%
2019	57	391	-8	-2.0%
2020	56	389	-2	-0.5%
2021	58	378	-11	-2.8%
2022	57	368	-10	-2.6%
2023	57	369	1	0.3%
2024	56	365	-4	-1.1%

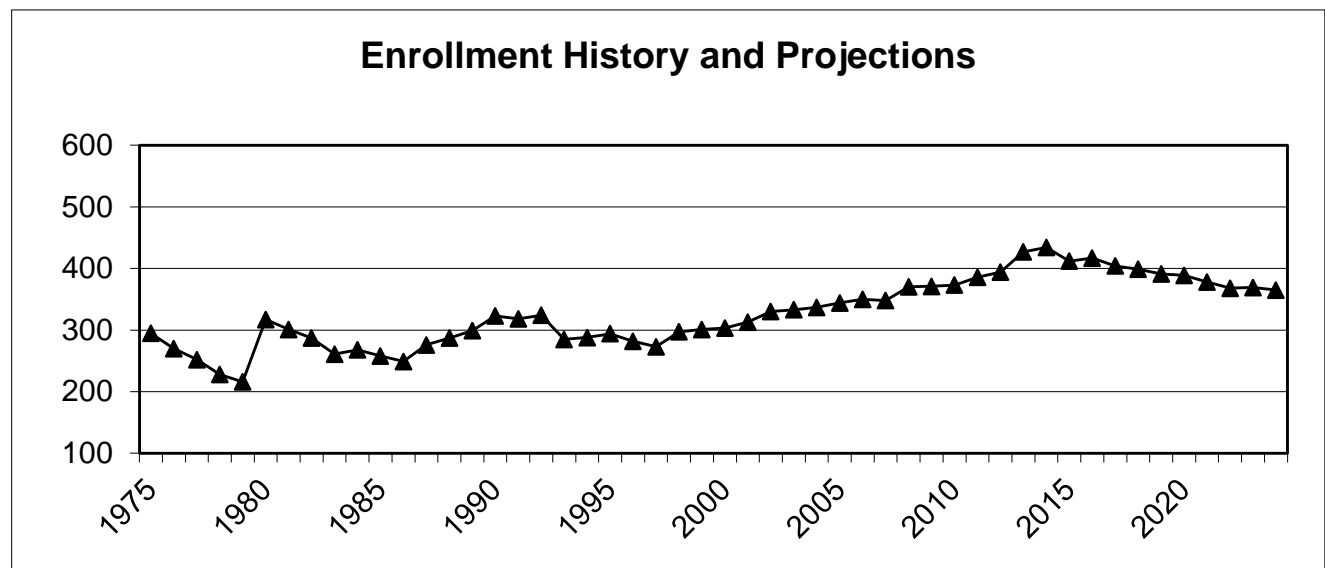
Peak enrollment year: 2014, 434 students

Horace Mann

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2019 FY20	Avg. Class Size	2020 FY21	Avg. Class Size	Max Size	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	3	19.0	3	18.7	19.0	3	3	3	3
1	3	21.0	3	20.0	20.0	3	3	3	3
2	3	20.3	3	21.0	21.0	3	3	3	3
3	3	23.7	3	20.7	21.0	3	3	3	3
4	3	25.0	3	24.3	25.0	3	3	3	3
5	3	21.3	3	25.0	25.0	3	3	3	3
TOTAL	18		18			18	18	18	18
Avg. Class Size	21.7		21.6			21.0	20.4	20.5	20.3

Note: The projected classroom arrays are theoretical, not staffing patterns, and are for planning purposes to assess enrollment capacity and to plan for the utilization of buffer zones as necessary to balance enrollment.



Lincoln-Eliot

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2018 FY19	2019 FY20	N	%	2020 FY21	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	57	55	-2	-3.5%	53	50	48	49	47
1	62	68	6	9.7%	57	54	54	50	53
2	65	66	1	1.5%	69	58	55	55	52
3	51	58	7	13.7%	63	65	55	51	52
4	63	53	-10	-15.9%	60	65	67	57	53
5	67	62	-5	-7.5%	57	64	69	72	61
TOTAL	365	362*	-3	-0.8%	359	356	348	334	318

*2019 Includes 19 METCO students. Projections include new METCO students for each year.

TEN YEARS OF TOTAL SCHOOL ENROLLMENTS - FIVE PROJECTED

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
2010	58	293		
2011	55	317	24	8.2%
2012	48	322	5	1.6%
2013	63	329	7	2.2%
2014	57	337	8	2.4%
2015	58	340	3	0.9%
2016	62	346	6	1.8%
2017	67	374	28	8.1%
2018	57	365	-9	-2.4%
2019	55	362	-3	-0.8%
2020	53	359	-3	-0.8%
2021	50	356	-3	-0.8%
2022	48	348	-8	-2.2%
2023	49	334	-14	-4.0%
2024	47	318	-16	-4.8%

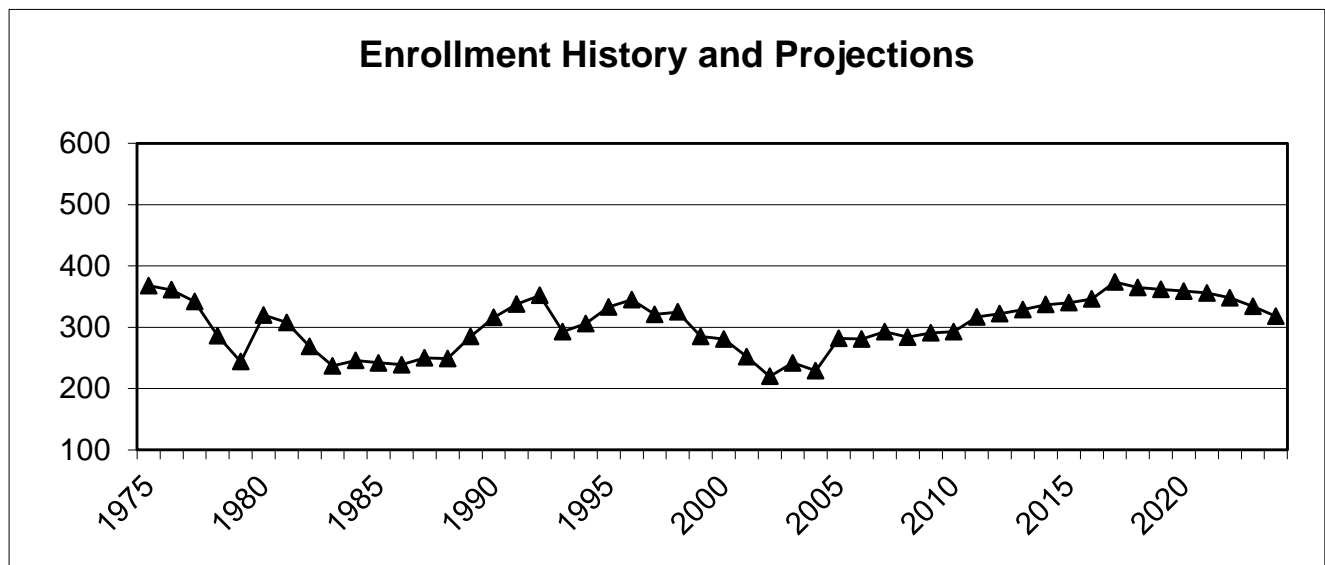
Peak enrollment year: 2017, 374 students

Lincoln-Eliot

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2019 FY20	Avg. Class Size	2020 FY21	Avg. Class Size	Max Size	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	3	18.3	3	17.7	18.0	3	3	3	2
1	3	22.7	3	19.0	19.0	3	3	2	3
2	3	22.0	3	23.0	23.0	3	3	3	3
3	3	19.3	3	21.0	21.0	3	3	3	3
4	3	17.7	3	20.0	20.0	3	3	3	3
5	3	20.7	3	19.0	19.0	3	3	3	3
TOTAL	18		18			18	18	17	17
Avg. Class Size	20.1		19.9			19.8	19.3	19.6	18.7

Note: The projected classroom arrays are theoretical, not staffing patterns, and are for planning purposes to assess enrollment capacity and to plan for the utilization of buffer zones as necessary to balance enrollment.



Mason-Rice

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2018 FY19	2019 FY20	N	%	2020 FY21	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	56	58	2	3.6%	61	58	56	56	55
1	68	61	-7	-10.3%	64	65	64	62	62
2	77	67	-10	-13.0%	62	65	66	65	64
3	92	78	-14	-15.2%	69	64	67	68	67
4	98	91	-7	-7.1%	79	70	65	68	69
5	96	91	-5	-5.2%	90	78	69	64	67
TOTAL	487	446*	-41	-8.4%	425	400	387	383	384

*2019 Includes 9 METCO students. Projections include new METCO students for each year.

TEN YEARS OF TOTAL SCHOOL ENROLLMENTS - FIVE PROJECTED

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
2010	64	442		
2011	64	437	-5	-1.1%
2012	79	438	1	0.2%
2013	88	457	19	4.3%
2014	82	478	21	4.6%
2015	81	492	14	2.9%
2016	67	507	15	3.0%
2017	68	512	5	1.0%
2018	56	487	-25	-4.9%
2019	58	446	-41	-8.4%
2020	61	425	-21	-4.7%
2021	58	400	-25	-5.9%
2022	56	387	-13	-3.3%
2023	56	383	-4	-1.0%
2024	55	384	1	0.3%

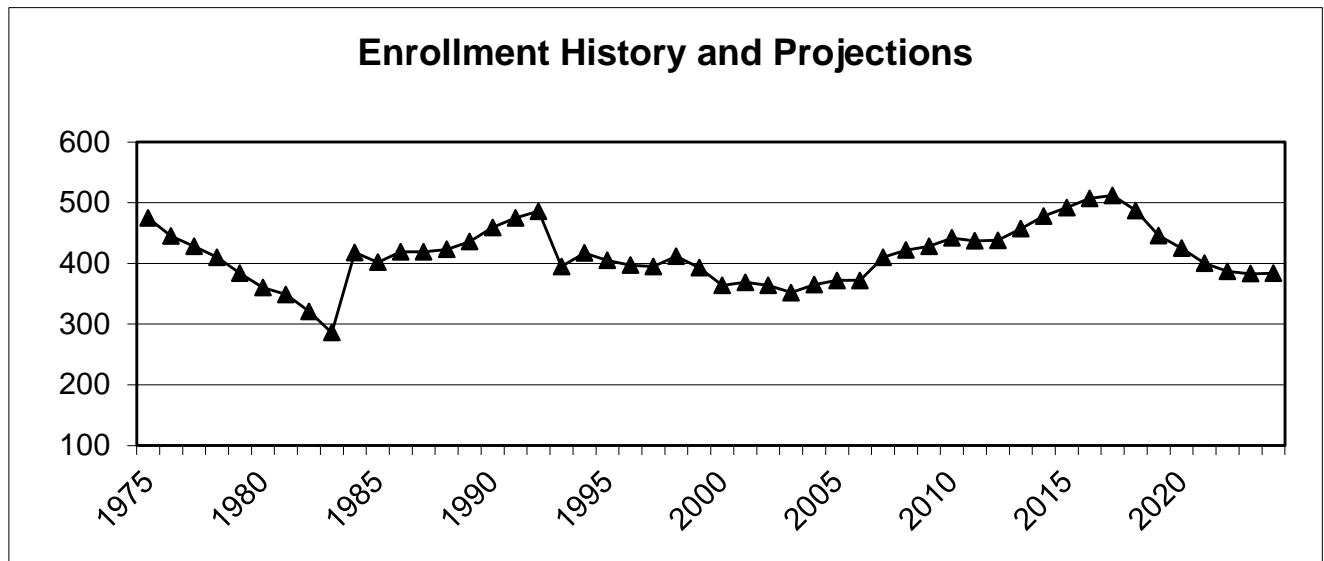
Peak enrollment year: 2017, 512 students

Mason-Rice

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2019 FY20	Avg. Class Size	2020 FY21	Avg. Class Size	Max Size	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	3	19.3	3	20.3	21.0	3	3	3	3
1	3	20.3	3	21.3	22.0	3	3	3	3
2	3	22.3	3	20.7	21.0	3	3	3	3
3	4	19.5	3	23.0	23.0	3	3	3	3
4	4	22.8	4	19.8	20.0	3	3	3	3
5	4	22.8	4	22.5	23.0	4	3	3	3
TOTAL	21		20			19	18	18	18
Avg. Class Size	21.2		21.3			21.1	21.5	21.3	21.3

Note: The projected classroom arrays are theoretical, not staffing patterns, and are for planning purposes to assess enrollment capacity and to plan for the utilization of buffer zones as necessary to balance enrollment.



Memorial-Spaulling

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2018 FY19	2019 FY20	N	%	2020 FY21	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	60	51	-9	-15.0%	60	57	57	55	55
1	79	63	-16	-20.3%	52	64	59	59	57
2	79	83	4	5.1%	66	55	66	62	60
3	82	84	2	2.4%	84	68	57	68	63
4	89	91	2	2.2%	88	88	71	59	71
5	75	93	18	24.0%	92	89	89	72	60
TOTAL	464	465*	1	0.2%	442	421	399	375	366

*2019 Includes 19 METCO students. Projections include new METCO students for each year.

TEN YEARS OF TOTAL SCHOOL ENROLLMENTS - FIVE PROJECTED

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
2010	74	459		
2011	66	458	-1	-0.2%
2012	69	464	6	1.3%
2013	67	429	-35	-7.5%
2014	79	434	5	1.2%
2015	77	452	18	4.1%
2016	71	454	2	0.4%
2017	75	453	-1	-0.2%
2018	60	464	11	2.4%
2019	51	465	1	0.2%
2020	60	442	-23	-4.9%
2021	57	421	-21	-4.8%
2022	57	399	-22	-5.2%
2023	55	375	-24	-6.0%
2024	55	366	-9	-2.4%

Peak enrollment year: 2019, 465 students

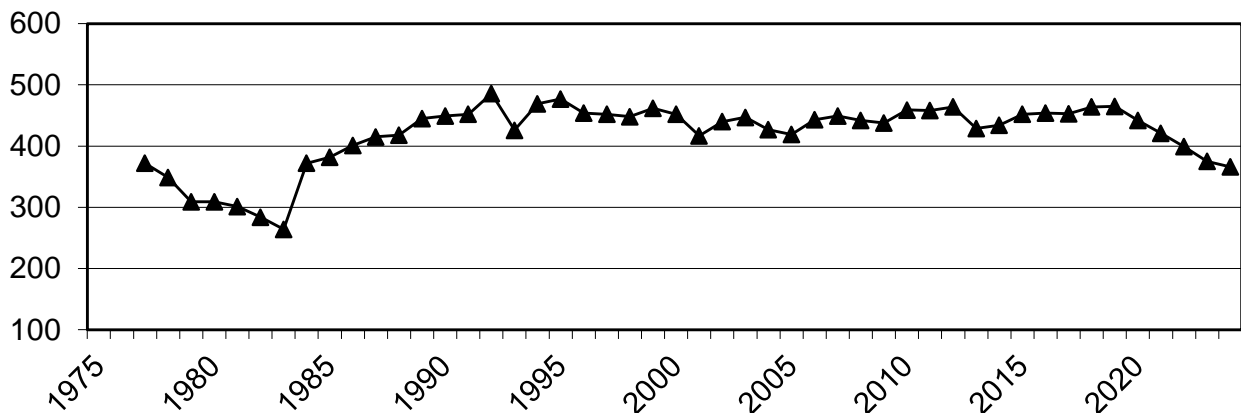
Memorial-Spaulling

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2019 FY20	Avg. Class Size	2020 FY21	Avg. Class Size	Max Size	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	3	17.0	3	20.0	20.0	3	3	3	3
1	3	21.0	3	17.3	18.0	3	3	3	3
2	4	20.8	3	22.0	22.0	3	3	3	3
3	4	21.0	4	21.0	21.0	3	3	3	3
4	4	22.8	4	22.0	22.0	4	3	3	3
5	4	23.3	4	23.0	23.0	4	4	3	3
TOTAL	22		21			20	19	18	18
Avg. Class Size	21.1		21.0			21.1	21.0	20.8	20.3

Note: The projected classroom arrays are theoretical, not staffing patterns, and are for planning purposes to assess enrollment capacity and to plan for the utilization of buffer zones as necessary to balance enrollment.

Enrollment History and Projections



Peirce

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2018 FY19	2019 FY20	N	%	2020 FY21	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	44	43	-1	-2.3%	49	49	47	47	45
1	44	49	5	11.4%	48	54	52	51	50
2	45	47	2	4.4%	50	49	55	52	51
3	43	43	0	0.0%	48	50	49	55	53
4	58	45	-13	-22.4%	43	47	50	49	55
5	37	57	20	54.1%	43	41	45	48	47
TOTAL	271	284*	13	4.8%	281	290	298	302	301

*2019 Includes 16 METCO students. Projections include new METCO students for each year.

TEN YEARS OF TOTAL SCHOOL ENROLLMENTS - FIVE PROJECTED

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
2010	45	318		
2011	55	316	-2	-0.6%
2012	51	337	21	6.6%
2013	46	312	-25	-7.4%
2014	48	306	-6	-1.9%
2015	41	314	8	2.6%
2016	38	299	-15	-4.8%
2017	41	276	-23	-7.7%
2018	44	271	-5	-1.8%
2019	43	284	13	4.8%
2020	49	281	-3	-1.1%
2021	49	290	9	3.2%
2022	47	298	8	2.8%
2023	47	302	4	1.3%
2024	45	301	-1	-0.3%

Peak enrollment year: 2012, 337 students

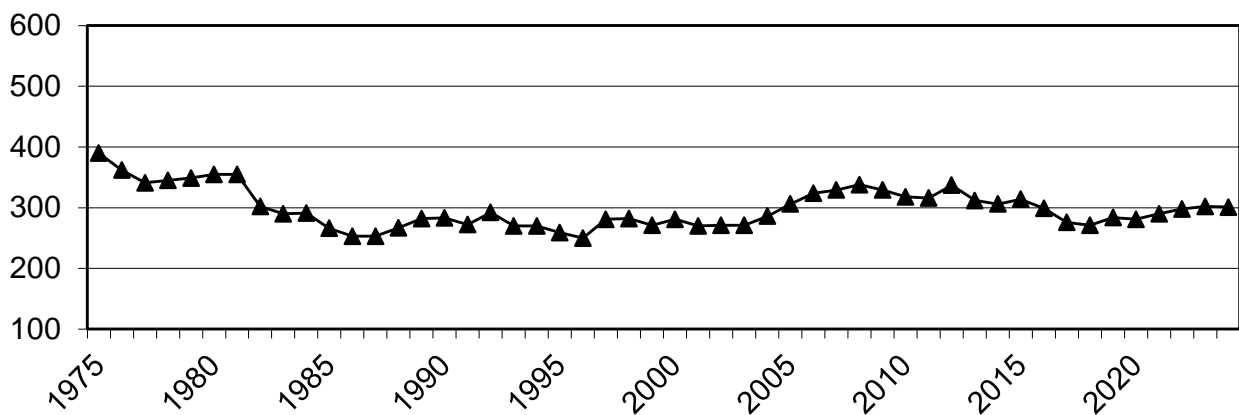
Peirce

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2019 FY20	Avg. Class Size	2020 FY21	Avg. Class Size	Max Size	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	2	21.5	3	16.3	17.0	2	2	2	2
1	2	24.5	2	24.0	24.0	3	3	3	2
2	2	23.5	2	25.0	25.0	2	3	3	3
3	2	21.5	2	24.0	24.0	2	2	3	3
4	2	22.5	2	21.5	22.0	2	2	2	3
5	3	19.0	2	21.5	22.0	2	2	2	2
TOTAL	13		13			13	14	15	15
Avg. Class Size	21.8		21.6			22.3	21.3	20.1	20.1

Note: The projected classroom arrays are theoretical, not staffing patterns, and are for planning purposes to assess enrollment capacity and to plan for the utilization of buffer zones as necessary to balance enrollment.

Enrollment History and Projections



Underwood

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2018 FY19	2019 FY20	N	%	2020 FY21	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	43	42	-1	-2.3%	40	39	37	38	38
1	40	40	0	0.0%	47	43	43	38	39
2	49	36	-13	-26.5%	39	46	42	41	36
3	45	45	0	0.0%	35	38	45	41	40
4	66	42	-24	-36.4%	46	36	39	46	42
5	47	64	17	36.2%	41	45	35	38	45
TOTAL	290	269*	-21	-7.2%	248	247	241	242	240

*2019 Includes 13 METCO students. Projections include new METCO students for each year.

TEN YEARS OF TOTAL SCHOOL ENROLLMENTS - FIVE PROJECTED

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
2010	49	282		
2011	49	289	7	2.5%
2012	47	310	21	7.3%
2013	48	327	17	5.5%
2014	62	341	14	4.3%
2015	41	326	-15	-4.4%
2016	47	313	-13	-4.0%
2017	35	284	-29	-9.3%
2018	43	290	6	2.1%
2019	42	269	-21	-7.2%
2020	40	248	-21	-7.8%
2021	39	247	-1	-0.4%
2022	37	241	-6	-2.4%
2023	38	242	1	0.4%
2024	38	240	-2	-0.8%

Peak enrollment year: 2014, 341 students

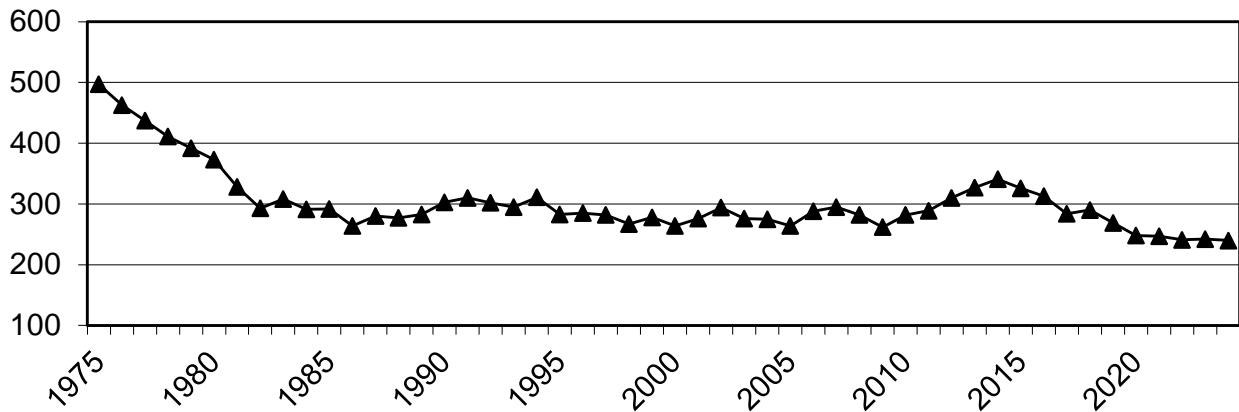
Underwood

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2019 FY20	Avg. Class Size	2020 FY21	Avg. Class Size	Max Size	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	2	21.0	2	20.0	20.0	2	2	2	2
1	2	20.0	2	23.5	24.0	2	2	2	2
2	2	18.0	2	19.5	20.0	2	2	2	2
3	2	22.5	2	17.5	18.0	2	2	2	2
4	2	21.0	2	23.0	23.0	2	2	2	2
5	3	21.3	2	20.5	21.0	2	2	2	2
TOTAL	13		12			12	12	12	12
Avg. Class Size	20.7		20.7			20.6	20.1	20.2	20.0

Note: The projected classroom arrays are theoretical, not staffing patterns, and are for planning purposes to assess enrollment capacity and to plan for the utilization of buffer zones as necessary to balance enrollment.

Enrollment History and Projections



Ward

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2018 FY19	2019 FY20	N	%	2020 FY21	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	41	34	-7	-17.1%	35	35	33	35	33
1	39	40	1	2.6%	35	36	36	34	38
2	47	35	-12	-25.5%	41	35	37	37	34
3	51	45	-6	-11.8%	36	42	36	38	38
4	58	47	-11	-19.0%	45	36	41	36	37
5	60	54	-6	-10.0%	47	44	35	41	36
TOTAL	296	255*	-41	-13.9%	239	228	218	221	216

*2019 Includes 7 METCO students. Projections include new METCO students for each year.

TEN YEARS OF TOTAL SCHOOL ENROLLMENTS - FIVE PROJECTED

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
2010	42	269		
2011	46	278	9	3.3%
2012	47	301	23	8.3%
2013	43	289	-12	-4.0%
2014	46	304	15	5.2%
2015	43	304	0	0.0%
2016	49	313	9	3.0%
2017	35	309	-4	-1.3%
2018	41	296	-13	-4.2%
2019	34	255	-41	-13.9%
2020	35	239	-16	-6.3%
2021	35	228	-11	-4.6%
2022	33	218	-10	-4.4%
2023	35	221	3	1.4%
2024	33	216	-5	-2.3%

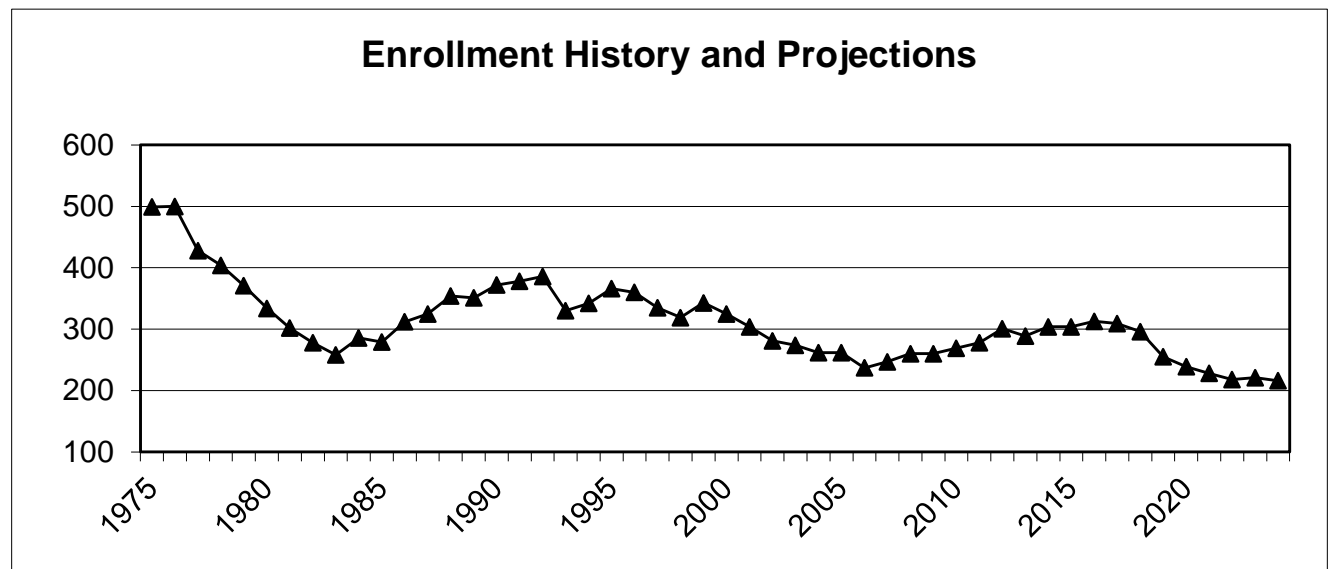
Peak enrollment year: 2016, 313 students

Ward

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2019 FY20	Avg. Class Size	2020 FY21	Avg. Class Size	Max Size	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	2	17.0	2	17.5	18.0	2	2	2	2
1	2	20.0	2	17.5	18.0	2	2	2	2
2	2	17.5	2	20.5	21.0	2	2	2	2
3	3	15.0	2	18.0	18.0	2	2	2	2
4	2	23.5	2	22.5	23.0	2	2	2	2
5	3	18.0	2	23.5	24.0	2	2	2	2
TOTAL	14		12			12	12	12	12
Avg. Class Size	18.2		19.9			19.0	18.2	18.4	18.0

Note: The projected classroom arrays are theoretical, not staffing patterns, and are for planning purposes to assess enrollment capacity and to plan for the utilization of buffer zones as necessary to balance enrollment.



Williams

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2018 FY19	2019 FY20	N	%	2020 FY21	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	47	38	-9	-19.1%	44	43	42	40	39
1	51	40	-11	-21.6%	40	44	43	42	40
2	42	51	9	21.4%	40	40	44	43	42
3	58	39	-19	-32.8%	49	38	38	42	40
4	37	56	19	51.4%	39	48	37	37	41
5	43	37	-6	-14.0%	53	36	45	35	35
TOTAL	278	261*	-17	-6.1%	265	249	249	239	237

*2019 Includes 13 METCO students. Projections include new METCO students for each year.

TEN YEARS OF TOTAL SCHOOL ENROLLMENTS - FIVE PROJECTED

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
2010	43	298		
2011	46	302	4	1.3%
2012	50	304	2	0.7%
2013	45	304	0	0.0%
2014	37	292	-12	-3.9%
2015	62	290	-2	-0.7%
2016	44	293	3	1.0%
2017	47	296	3	1.0%
2018	47	278	-18	-6.1%
2019	38	261	-17	-6.1%
2020	44	265	4	1.5%
2021	43	249	-16	-6.0%
2022	42	249	0	0.0%
2023	40	239	-10	-4.0%
2024	39	237	-2	-0.8%

Peak enrollment year: 2012, 304 students

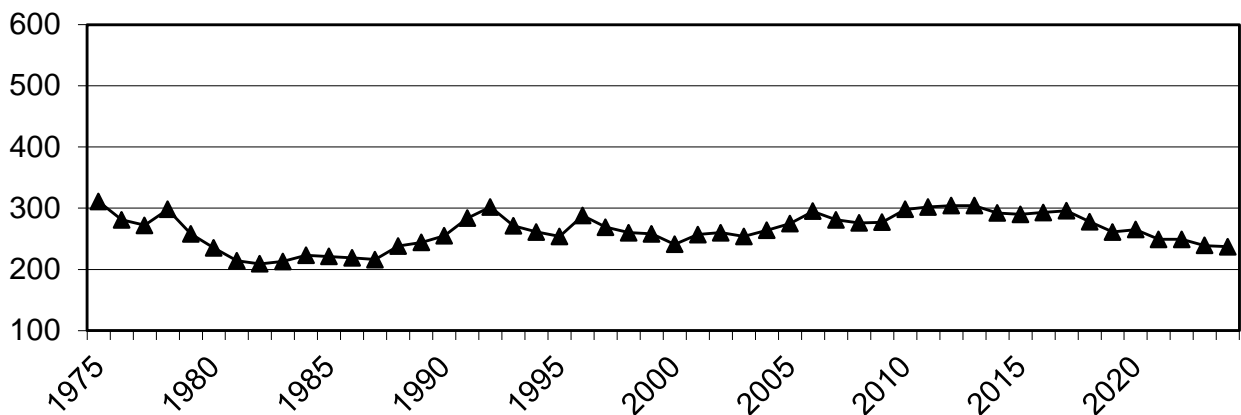
Williams

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2019 FY20	Avg. Class Size	2020 FY21	Avg. Class Size	Max Size	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	2	19.0	2	22.0	22.0	2	2	2	2
1	2	20.0	2	20.0	20.0	2	2	2	2
2	3	17.0	2	20.0	20.0	2	2	2	2
3	2	19.5	2	24.5	25.0	2	2	2	2
4	3	18.7	2	19.5	20.0	2	2	2	2
5	2	18.5	3	17.7	18.0	2	2	2	2
TOTAL	14		13			12	12	12	12
Avg. Class Size	18.6		20.4			20.8	20.8	19.9	19.8

Note: The projected classroom arrays are theoretical, not staffing patterns, and are for planning purposes to assess enrollment capacity and to plan for the utilization of buffer zones as necessary to balance enrollment.

Enrollment History and Projections



Zervas

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2018 FY19	2019 FY20	N	%	2020 FY21	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	68	79	11	16.2%	67	68	71	69	69
1	67	76	9	13.4%	93	77	81	82	80
2	86	64	-22	-25.6%	79	96	80	84	85
3	66	83	17	25.8%	68	83	102	85	89
4	74	61	-13	-17.6%	86	70	86	105	88
5	66	71	5	7.6%	65	91	74	91	112
TOTAL	427	434*	7	1.6%	458	485	494	516	523

*2019 Includes 16 METCO students. Projections include new METCO students for each year.

TEN YEARS OF TOTAL SCHOOL ENROLLMENTS - FIVE PROJECTED

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
2010	62	349		
2011	40	321	-28	-8.0%
2012	60	325	4	1.2%
2013	53	317	-8	-2.5%
2014	53	309	-8	-2.5%
2015	44	308	-1	-0.3%
2016	65	337	29	9.4%
2017	58	407	70	20.8%
2018	68	427	20	4.9%
2019	79	434	7	1.6%
2020	67	458	24	5.5%
2021	68	485	27	5.9%
2022	71	494	9	1.9%
2023	69	516	22	4.5%
2024	69	523	7	1.4%

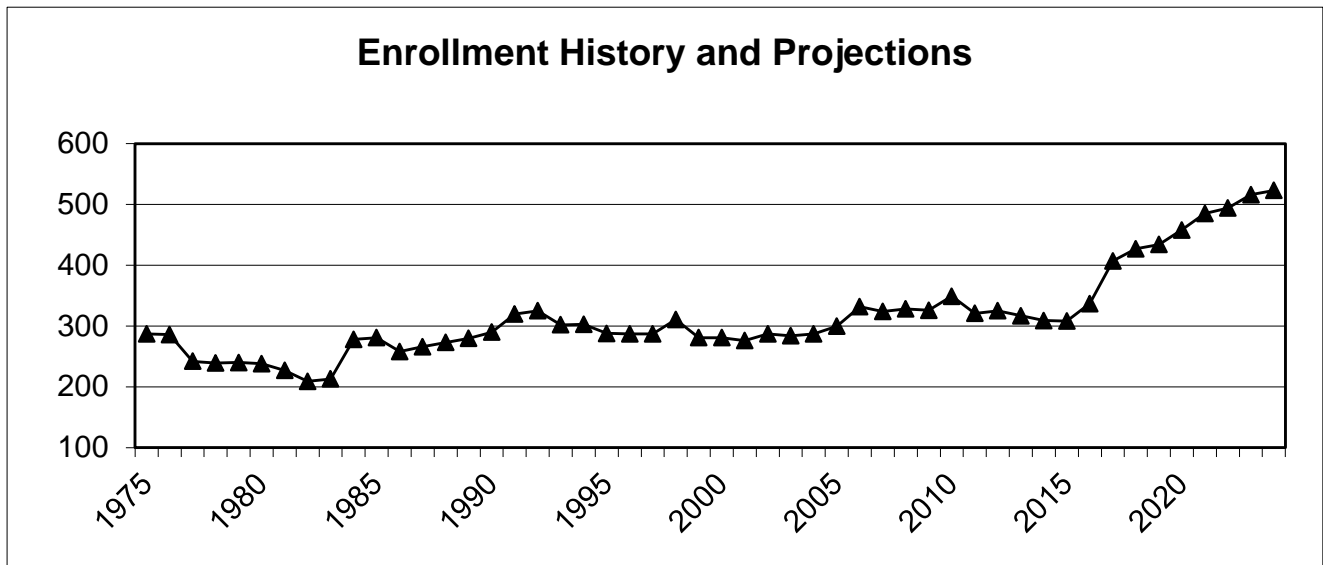
Peak enrollment year: 2024, 523 students

Zervas

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2019 FY20	Avg. Class Size	2020 FY21	Avg. Class Size	Max Size	2021 FY22	2022 FY23	2023 FY24	2024 FY25
K	4	19.8	4	16.8	17.0	4	4	3	3
1	4	19.0	4	23.3	24.0	4	4	4	4
2	3	21.3	4	19.8	20.0	5	4	4	4
3	4	20.8	3	22.7	23.0	4	5	4	4
4	3	20.3	4	21.5	22.0	3	4	5	4
5	4	17.8	3	21.7	22.0	4	3	4	5
TOTAL	22		22			24	24	24	24
Avg. Class Size	19.7		20.8			20.2	20.6	21.5	21.8

Note: The projected classroom arrays are theoretical, not staffing patterns, and are for planning purposes to assess enrollment capacity and to plan for the utilization of buffer zones as necessary to balance enrollment.



Bigelow Middle School

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2018 FY19	2019 FY20	N	%	2020 FY21	2021 FY22	2022 FY23	2023 FY24	2024 FY25
6	170	162	-8	-4.7%	183	147	158	144	156
7	157	176	19	12.1%	163	184	148	160	144
8	174	156	-18	-10.3%	178	164	186	149	162
Total	501	494	-7	-1.4%	524	495	492	453	462
Spec. Ed.**	0	0	0	0.0%	0	0	0	0	0
TOTAL	501	494*	-7	-1.4%	524	495	492	453	462

*Includes 25 METCO students.

**Students who receive special education services outside of the classroom for a significant amount of time (students in K-8 are reported with their grades).

TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

Year	Total Enrollment	Change from Previous Year	Percent Change
2010	523		
2011	533	10	1.9%
2012	531	-2	-0.4%
2013	525	-6	-1.1%
2014	504	-21	-4.0%
2015	509	5	1.0%
2016	525	16	3.1%
2017	521	-4	-0.8%
2018	501	-20	-3.8%
2019	494	-7	-1.4%

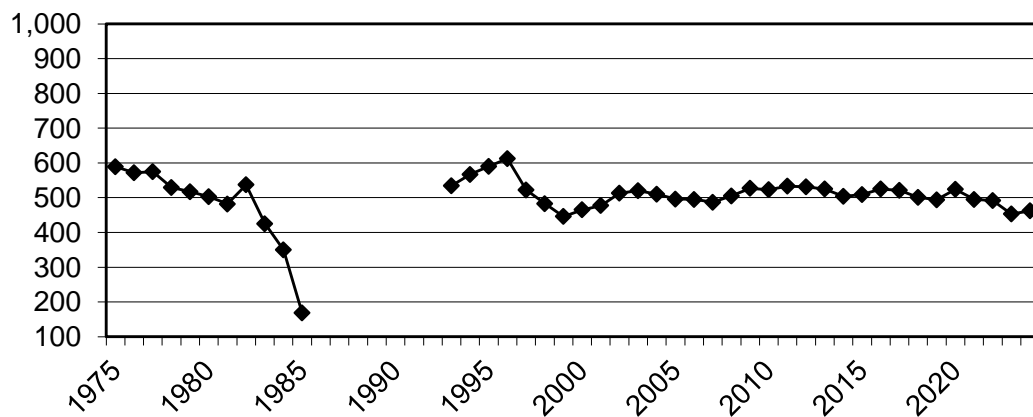
Peak enrollment year: 2011, 533 students

Bigelow Middle School

FIFTH GRADE STUDENTS FROM THE BIGELOW FEEDER SCHOOLS

Elementary School	2019-2020 5th Grade Enrollment
Cabot	0
Lincoln-Eliot	62
Underwood	64
Ward	54
Total	180

Enrollment History and Projections



Brown Middle School

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2018 FY19	2019 FY20	N	%	2020 FY21	2021 FY22	2022 FY23	2023 FY24	2024 FY25
6	274	263	-11	-4.0%	288	272	269	249	256
7	231	277	46	19.9%	263	289	272	273	252
8	239	238	-1	-0.4%	278	265	290	276	277
Total	744	778	34	4.6%	829	826	831	798	785
Spec. Ed.**	0	0	0		0	0	0	0	0
TOTAL	744	778*	34	4.6%	829	826	831	798	785

*Includes 9 METCO students.

**Students who receive special education services outside of the classroom for a significant amount of time (students in K-8 are reported with their grades).

TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

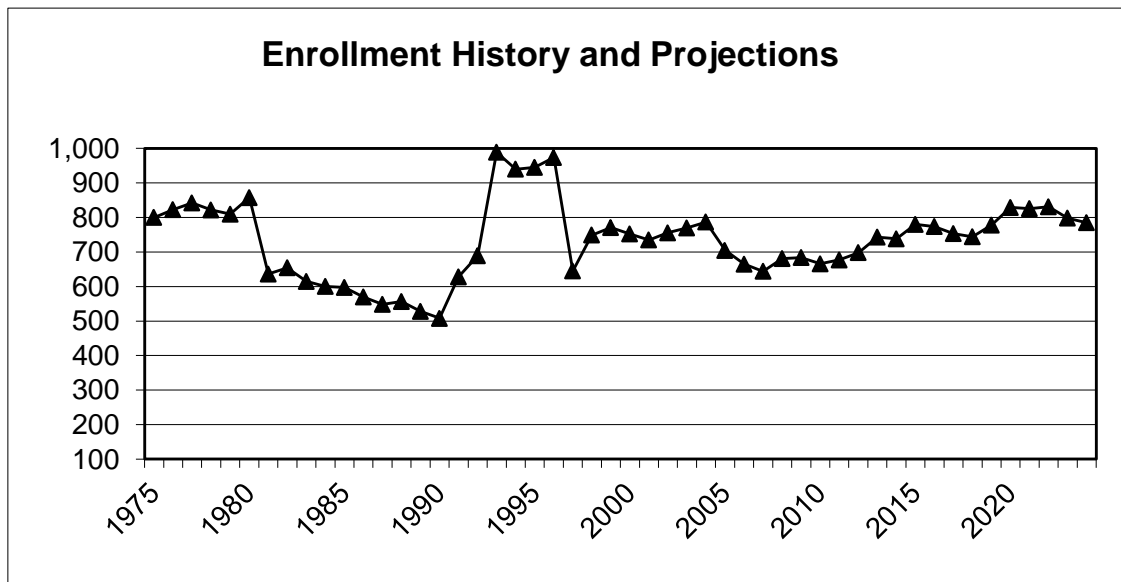
Year	Total Enrollment	Change from Previous Year	Percent Change
2010	666		
2011	677	11	1.7%
2012	698	21	3.1%
2013	743	45	6.4%
2014	738	-5	-0.7%
2015	780	42	5.7%
2016	774	-6	-0.8%
2017	753	-21	-2.7%
2018	744	-9	-1.2%
2019	778	34	4.6%

Peak enrollment year: 2015, 780 students

Brown Middle School

FIFTH GRADE STUDENTS FROM BROWN FEEDER SCHOOLS

Elementary School	2019-2020 5th Grade Enrollment
Angier	97
Countryside	85
Mason-Rice	91
Williams	37
Total	310



Day Middle School

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2018 FY19	2019 FY20	N	%	2020 FY21	2021 FY22	2022 FY23	2023 FY24	2024 FY25
6	323	330	7	2.2%	340	296	296	298	295
7	351	329	-22	-6.3%	332	341	298	298	299
8	302	340	38	12.6%	327	331	340	297	296
Total	976	999	23	2.4%	999	968	934	893	890
Spec. Ed.**	0	0	0	0.0%	0	0	0	0	0
TOTAL	976	999*	23	2.4%	999	968	934	893	890

*Includes 25 METCO students.

**Students who receive special education services outside of the classroom for a significant amount of time (students in K-8 are reported with their grades).

TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

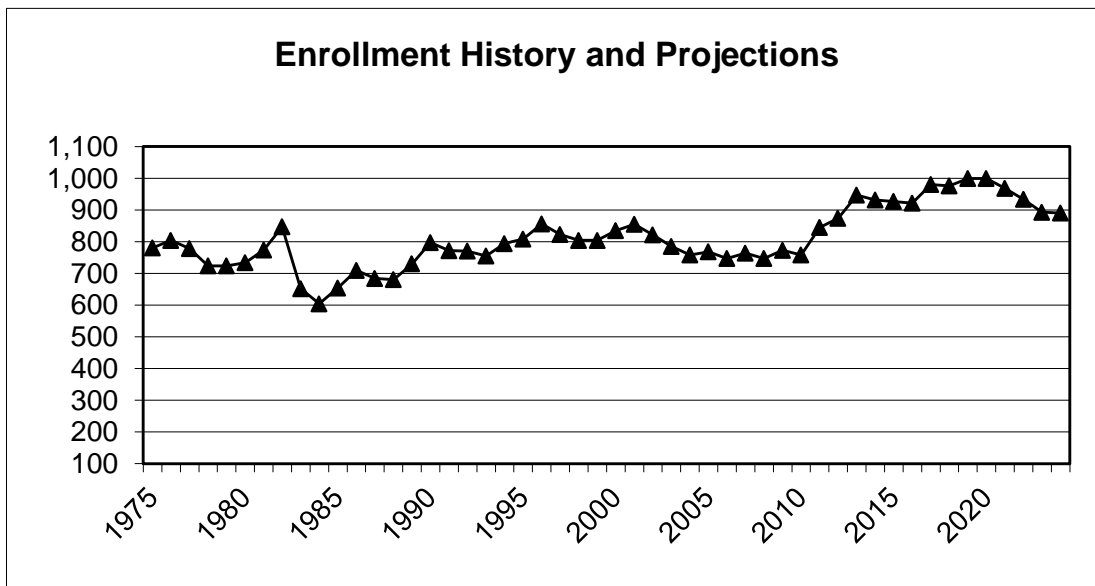
Year	Total Enrollment	Change from Previous Year	Percent Change
2010	758		
2011	845	87	11.5%
2012	874	29	3.4%
2013	947	73	8.4%
2014	932	-15	-1.6%
2015	927	-5	-0.5%
2016	922	-5	-0.5%
2017	980	58	6.3%
2018	976	-4	-0.4%
2019	999	23	2.4%

Peak enrollment year: 2019, 999 students

Day Middle School

FIFTH GRADE STUDENTS FROM THE DAY FEEDER SCHOOLS

Elementary School	2019-2020 5th Grade Enrollment
Burr	70
Cabot	72
Franklin	81
Horace Mann	64
Peirce	57
Total	344



Oak Hill Middle School

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2018 FY19	2019 FY20	N	%	2020 FY21	2021 FY22	2022 FY23	2023 FY24	2024 FY25
6	206	240	34	16.5%	230	225	248	235	226
7	193	202	9	4.7%	241	229	226	248	236
8	231	190	-41	-17.7%	203	241	231	228	248
Total	630	632	2	0.3%	674	695	705	711	710
Spec. Ed.**	0	0	0	0.0%	0	0	0	0	0
TOTAL	630	632*	2	0.3%	674	695	705	711	710

*Includes 31 METCO students.

**Students who receive special education services outside of the classroom for a significant amount of time (students in K-8 are reported with their grades).

TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

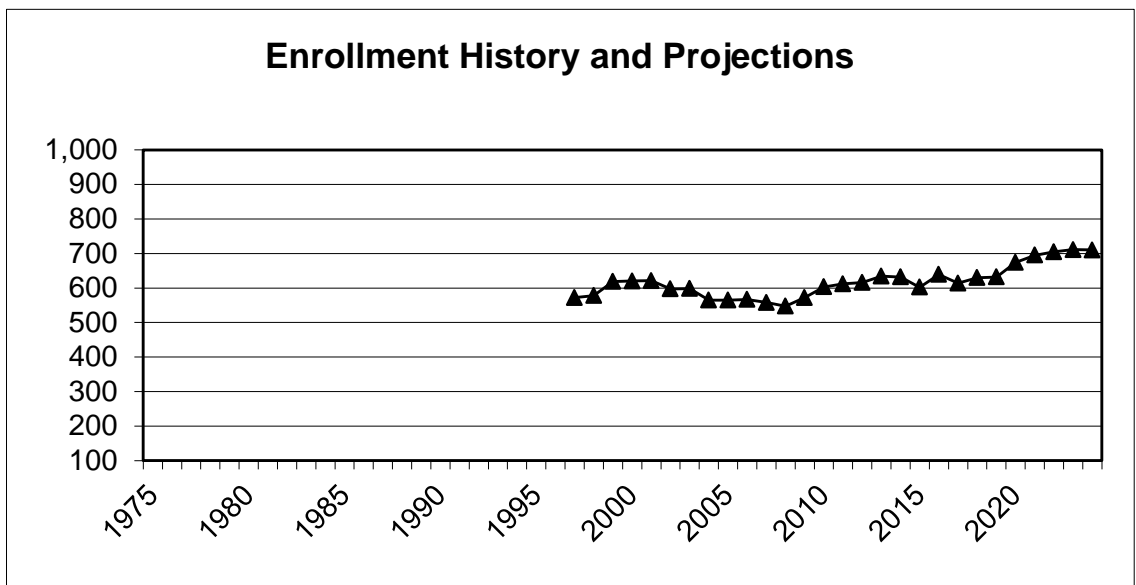
Year	Total Enrollment	Change from Previous Year	Percent Change
2010	603		
2011	612	9	1.5%
2012	616	4	0.7%
2013	634	18	2.9%
2014	632	-2	-0.3%
2015	602	-30	-4.7%
2016	639	37	6.1%
2017	614	-25	-3.9%
2018	630	16	2.6%
2019	632	2	0.3%

Peak enrollment year: 2016, 639 students

Oak Hill Middle School

FIFTH GRADE STUDENTS FROM THE OAK HILL FEEDER SCHOOLS

Elementary School	2019-2020 5th Grade Enrollment
Bowen	63
Memorial-Spaulding	93
Zervas	71
Total	227



1997-98 marked the opening of Oak Hill Middle School.

North High School

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2018 FY19	2019 FY20	N	%	2020 FY21	2021 FY22	2022 FY23	2023 FY24	2024 FY25
9	535	503	-32	-6.0%	524	535	524	556	473
10	493	539	46	9.3%	509	529	540	528	559
11	509	500	-9	-1.8%	546	516	536	547	534
12	541	529	-12	-2.2%	499	545	515	535	546
TOTAL	2,078	2,071	-7	0%	2,078	2,125	2,115	2,166	2,112
Post Grads	0	0	0	0	0	0	0	0	0
Spec. Ed.*	58	28	-30	-52%	28	28	28	28	28
TOTAL	2,136	2,099**	-37	-1.7%	2,106	2,153	2,143	2,194	2,140

**Includes 70 METCO students.

*Students who receive special education services outside of the classroom for a significant amount of time.

TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

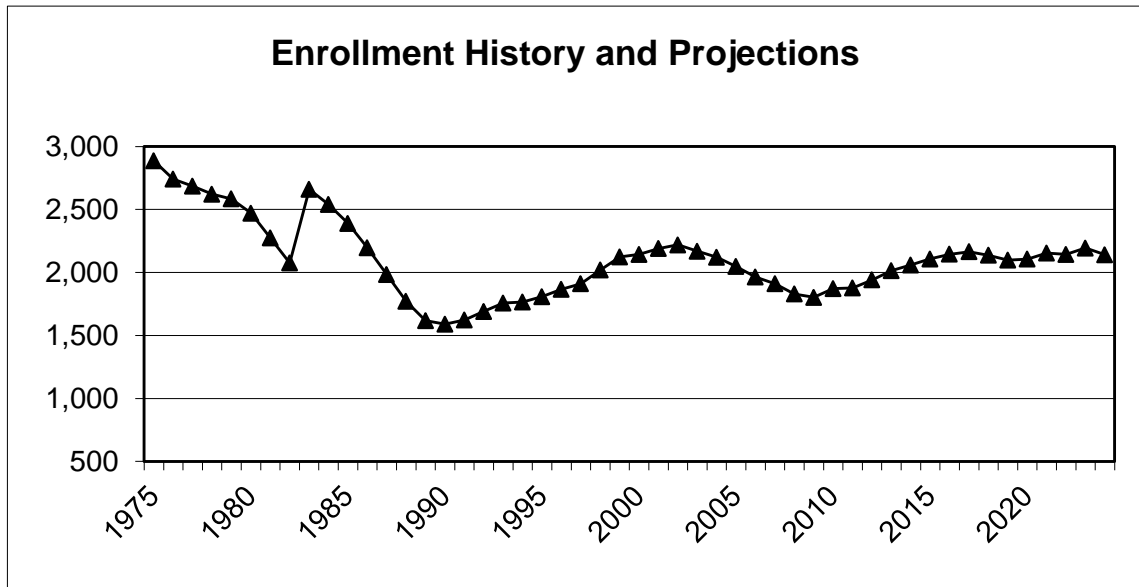
Year	Total Enrollment	Change from Previous Year	Percent Change
2010	1,871		
2011	1,877	6	0.3%
2012	1,940	63	3.4%
2013	2,015	75	3.9%
2014	2,060	45	2.2%
2015	2,107	47	2.3%
2016	2,145	38	1.8%
2017	2,165	20	0.9%
2018	2,136	-29	-1.3%
2019	2,099	-37	-1.7%

Peak enrollment year: 2017, 2165 students

North High School

EIGHTH GRADE STUDENTS FROM THE NORTH FEEDER SCHOOLS

Middle School	2019-2020 8th Grade Enrollment
Bigelow	156
Brown (4%)	10
Day	340
Total	506



South High School

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2018 FY19	2019 FY20	N	%	2020 FY21	2021 FY22	2022 FY23	2023 FY24	2024 FY25
9	477	494	17	3.6%	442	498	524	543	521
10	490	497	7	1.4%	505	451	509	537	556
11	490	500	10	2.0%	504	512	458	519	546
12	443	491	48	10.8%	499	503	511	459	519
TOTAL	1,900	1,982	82	4%	1,950	1,964	2,002	2,058	2,142
Post Grads	0	0	0	0	0	0	0	0	0
Spec. Ed.*	11	1	-10	-91%	1	1	1	1	1
TOTAL	1,911	1,983**	72	3.8%	1,951	1,965	2,003	2,059	2,143

**Includes 65 METCO students.

*Students who receive special education services outside of the classroom for a significant amount of time.

TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

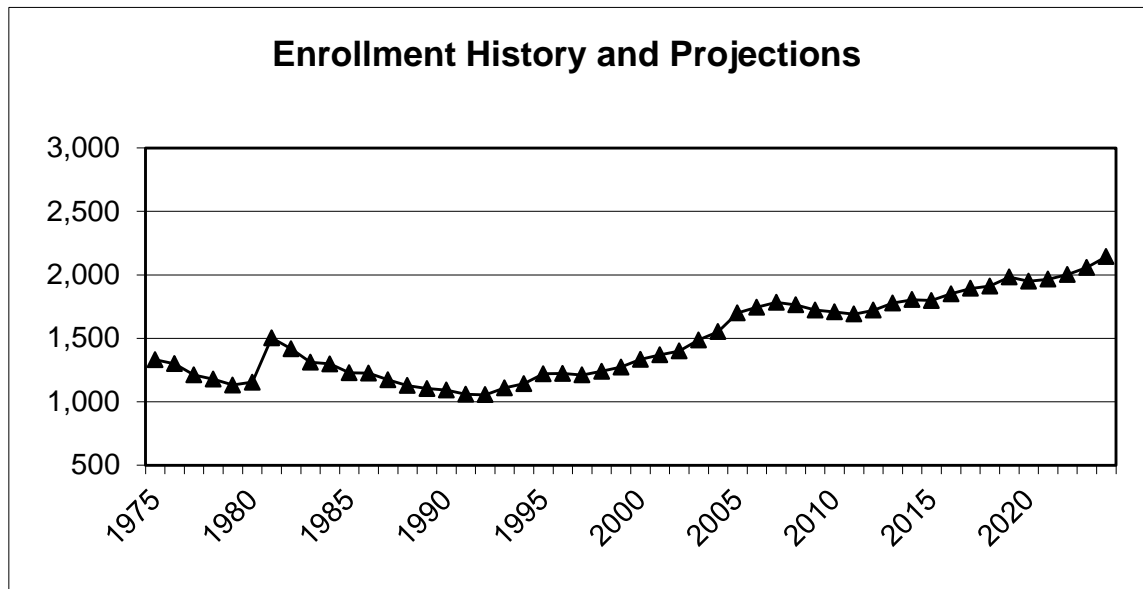
Year	Total Enrollment	Change from Previous Year	Percent Change
2010	1,708		
2011	1,691	-17	-1.0%
2012	1,721	30	1.8%
2013	1,778	57	3.3%
2014	1,804	26	1.5%
2015	1,798	-6	-0.3%
2016	1,851	53	2.9%
2017	1,893	42	2.3%
2018	1,911	18	1.0%
2019	1,983	72	3.8%

Peak enrollment year: 2019, 1983 students

South High School

EIGHTH GRADE STUDENTS FROM THE SOUTH FEEDER SCHOOLS

Middle School	2019-2020 8th Grade Enrollment
Brown (96%)	228
OakHill	190
Total	418



V. STUDENT EXITS AND ENTRANCES

STUDENT EXITS AND ENTRANCES

This section reports on student mobility in the Newton Public Schools due to the movement of students not resulting from grade promotion. The student mobility statistics reported below illuminate the annual cycle of new student entrances and student exits in the district and how net migration can affect total enrollment. In addition, exit and entrance statistics further detail the extent and the type of student mobility changes that are experienced by schools during the course of a full academic year; thus student mobility statistics reported in this section cover the entire 2018-19 school year, in contrast to other statistics in this report, which are reported as of a moment in time (October 1st).

The table below displays three years of exit and entrance history. The 2018-19 school year shows a smaller positive net migration than the positive net migration in the previous two years. In 2018-19, new students comprised 6.6% of the total student population (not including new kindergarten enrollments in the fall), while student exits in the same year (not including graduates) made up 6.5% of the total population. The percentage of exits in 2018-19 is similar to the prior year. The percentage of entrances in 2018-19 is smaller than the prior two years.

Annual Student Mobility	2016-17	2017-18	2018-19
Number of Student Exits	757	838	823
<i>Percentage of Enrollment</i>	6.0%	6.6%	6.5%
Number of Student Entrances	946	864	841
<i>Percentage of Enrollment</i>	7.6%	6.8%	6.6%
Net In Migration (Out Migration)	189	26	18

There are a significant number of students who both enter and exit the Newton Public Schools in a single year. During the 2018-19 school year, 168 students, or 20% of the total entrances, both entered and left the Newton Public Schools. This is an increase from the previous year, when 144 students, or 16.7% of the total entrances, both entered and left the Newton Public Schools. The following table displays both the entrance and exit reasons for these students. The majority of these 168 students enrolled from outside of the country (51%), while the remainder enrolled from outside of Massachusetts, from private school, or from another town in Massachusetts. The majority of these 168 students exited because they moved out of Newton (40%) or moved out of the country (36%), while the remaining students left to attend private school or for other reasons. As displayed in the table, the largest group of entering and exiting students enrolled from outside the country and moved out of the country during 2018-19 (50 students, or 30% of the students who entered and exited; please note that this total does not include foreign exchange students. Foreign exchange students are included in the “other reasons” exit code). This was followed by students who enrolled from outside of Massachusetts and moved out of Newton (24 students, or 14%). This is

a similar pattern to last year's students who both entered and exited within the 2017-2018 school year.

Students who both entered and exited in 2018-19

Entered from	Exited to					Total
	Moved out of the Country	Moved out of Newton	Left to Attend Non-Public School	Left Due to Special Education Placement	Other Reasons**	
Enrolled from MA*	6	21	4		7	38
Enrolled from outside of MA	3	24	2	1		30
Enrolled from outside the Country	50	20	5		10	85
Enrolled from Private School	2	3	6	1	3	15
Total	61	68	17	2	20	168

*The majority of students in this category have enrolled from another MA community and some have enrolled from an origin that is unknown.

**Other includes non-resident student transfers, home schooled students, students who dropped out, and deceased students.

Student Exit Statistics

In 2018-19, a total of 823 students, or 6.5% of the total enrollment, left their schools during or after the close of the academic year, not including graduates. Overall, the greatest number of student exits resulted from students moving out of Newton, although it varied by grade level. Similar to the prior two years, at the elementary and high school levels, the greatest number of student exits resulted from students moving out of Newton, but at the middle school level, the greatest number of exits resulted from students leaving to attend private school. Of the three grade levels, elementary schools saw the most student exits as a percentage of total enrollment (7.7% of elementary enrollment), followed by middle schools (7.3% of middle school enrollment), and high schools (4.3% of high school enrollment), the same pattern as the prior two years. High schools saw a higher percentage of students leaving during the academic school year (58.4% of high school exits) than elementary and middle schools (47.9% and 29.0%, respectively). Elementary schools, however, saw an increase in the percentage of students leaving during the academic school year instead at the end of the academic year, compared to the prior year (47.9% of elementary exits compared to 29.2% in 2017-2018). The following tables provide the total number of exiting students by school and grade level, and by reason for exit.

In these tables, the reasons for exit are displayed for exits during Summer 2019, as the majority of exits in the district occur at or after the end of the school year. The number of exits during the 2018-19 school year and the total exits for 2018-19 are provided, as well as total 2017-18 exits for comparison.

SUMMARY ALL GRADES 2018 - 2019

School	All 2017-18 Exits	Exits during the 2018-19 School Year	Moved out of the Country Summer 2019	Moved Out of Newton Summer 2019	Left to Attend Non-Public School Summer 2019	Left Due to Special Education Placement Summer 2019	Left for Other* Reasons Summer 2019	All 2018-19 Exits
All Grades	838	373	73	175	163	17	22	823
% Total Enrollment	6.6%	2.9%	0.6%	1.4%	1.3%	0.1%	0.2%	6.5%
% of All 2018-19 Exits		45.3%	8.9%	21.3%	19.8%	2.1%	2.7%	100.0%

*Other includes non-resident student transfers, home schooled students, students who dropped out, and deceased students.

TABLE 10 EXITING ELEMENTARY SCHOOL STUDENTS 2018 - 2019

School	All 2017-18 Exits	Exits during the 2018-19 School Year	Moved out of the Country Summer 2019	Moved Out of Newton Summer 2019	Left to Attend Non-Public School Summer 2019	Left Due to Special Education Placement Summer 2019	Left for Other* Reasons Summer 2019	All 2018-19 Exits
Angier	41	16	2	4	3			25
Bowen	32	8	8	14	4			34
Burr	19	17		5				22
Cabot	29	25	1	3	2			31
Countryside	30	20	1	3	3		1	28
Franklin	26	9		9	3	2		23
Horace Mann	26	16		5	1			22
Lincoln-Eliot	41	24	2	4	1			31
Mason-Rice	45	1	2	17	12		1	33
Memorial-Spaulding	28	6	3	5	7	1		22
Peirce	24	7	3	3	12		1	26
Underwood	17	23			2	1		26
Ward	34	9	7	6	15			37
Williams	36	8	5	11	3	1		28
Zervas	35	23	11	7	10	2	2	55
Total	463	212	45	96	78	7	5	443
% of Elementary Enrollment	7.9%	3.7%	0.8%	1.7%	1.3%	0.1%	0.1%	7.7%
% of All 2018-19 Exits		47.9%	10.2%	21.7%	17.6%	1.6%	1.1%	100.0%

*Other includes non-resident student transfers, home schooled students, students who dropped out, and deceased students.

TABLE 11
EXITING MIDDLE SCHOOL STUDENTS
2018 - 2019

School	All 2017-18 Exits	Exits during the 2018-19 School Year	Moved out of the Country Summer 2019	Moved Out of Newton Summer 2019	Left to Attend Non-Public School Summer 2019	Left Due to Special Education Placement Summer 2019	Left for Other* Reasons Summer 2019	All 2018-19 Exits
Bigelow	46	11	5	11	4	1	1	33
Brown	62	10	1	8	21	2	2	44
Day	57	21	2	23	24	1	1	72
Oak Hill	45	18	7	9	19	1	4	58
Total	210	60	15	51	68	5	8	207
% Middle School Enrollment	7.3%	2.1%	0.5%	1.8%	2.4%	0.2%	0.3%	7.3%
% of All 2018-19 Exits		29.0%	7.2%	24.6%	32.9%	2.4%	3.9%	100.0%

*Other includes non-resident student transfers, home schooled students, students who dropped out, and deceased students.

TABLE 12
EXITING HIGH SCHOOL STUDENTS
2018 - 2019

School	All 2017-18 Exits	Exits during the 2018-19 School Year	Moved out of the Country Summer 2019	Moved Out of Newton Summer 2019	Left to Attend Non-Public School Summer 2019	Left Due to Special Education Placement Summer 2019	Left for Other* Reasons Summer 2019	All 2018-19 Exits
North High	89	52	6	18	12	2	4	94
South High	76	49	7	10	5	3	5	79
Total	165	101	13	28	17	5	9	173
% High School Enrollment	4.1%	2.5%	0.3%	0.7%	0.4%	0.1%	0.2%	4.3%
% of All 2018-19 Exits		58.4%	7.5%	16.2%	9.8%	2.9%	5.2%	100.0%

*Other includes non-resident student transfers, home schooled students, students who dropped out, and deceased students.

A three year history of student exits is shown below. In 2018-19, the elementary schools saw a decrease in student exits as a percentage of the grade level enrollment from the prior year, while high schools saw an increase in student exits as a percentage of the grade level enrollment from the prior year.

TABLE 13
TOTAL STUDENT EXITS
Three Year History

School	2016-17	2017-18	# % Change	2018-19	# % Change
Angier	24	41	17	25	-16
Bowen	40	32	-8	34	2
Burr	30	19	-11	22	3
Cabot	27	29	2	31	2
Countryside	30	30	0	28	-2
Franklin	14	26	12	23	-3
Horace Mann	19	26	7	22	-4
Lincoln-Eliot	35	41	6	31	-10
Mason-Rice	32	45	13	33	-12
Memorial-Spaulding	51	28	-23	22	-6
Peirce	36	24	-12	26	2
Underwood	22	17	-5	26	9
Ward	23	34	11	37	3
Williams	40	36	-4	28	-8
Zervas	20	35	15	55	20
Total Elementary	443	463	20	443	-20
% Elementary Enrollment	7.6%	7.9%	4.5%	7.7%	-4.3%
Bigelow	41	46	5	33	-13
Brown	59	62	3	44	-18
Day	48	57	9	72	15
Oak Hill	40	45	5	58	13
Total Middle School	188	210	22	207	-3
% Middle School Enrollment	6.6%	7.3%	11.7%	7.3%	-1.4%
North High	71	89	18	94	5
South High	55	76	21	79	3
Total High School	126	165	39	173	8
% High School Enrollment	3.2%	4.1%	31.0%	4.3%	4.8%
Grand Total	757	838	81	823	-15
% Total Enrollment	6.0%	6.6%	10.7%	6.5%	-1.8%

Table 14 provides a history of student exits to private schools at the elementary, middle and high school levels since 2012-13. It includes a breakout of the number and percentage of exits in transition years after the completion of elementary school (grade 5) and middle school (grade 8). In 2018-19, 36.4% of students who left elementary schools to attend private school did so in grade 5, which is lower than the previous two years. Of the students who left their middle school to attend private school, 50% transferred in grade 8, a slight decrease from the previous year.

TABLE 14
HISTORY OF EXITS TO NON-PUBLIC SCHOOLS

Level	Academic Year						
	12-13	13-14	14-15	15-16	16-17	17-18	18-19
All Elementary	98	67	85	84	91	112	99
% of Elementary Enrollment	1.7%	2.5%	1.5%	1.5%	1.6%	1.9%	1.7%
<i>Grade 5*</i>	49	36	34	39	39	47	36
<i>% of Elementary exits</i>	50.0%	53.7%	40.0%	46.4%	42.9%	42.0%	36.4%
All Middle School	50	45	67	54	65	77	78
% of Middle School Enrollment	1.8%	1.2%	2.4%	1.9%	2.3%	2.7%	2.7%
<i>Grade 8*</i>	26	20	35	22	33	41	39
<i>% of Middle School exits</i>	52.0%	44.4%	52.2%	40.7%	50.8%	53.2%	50.0%
All High School	29	39	45	34	37	42	37
% of High School Enrollment	0.8%	0.3%	1.2%	0.9%	0.9%	1.0%	0.9%
Grand Total	177	151	197	172	193	231	214
% of Total Enrollment	1.5%	1.2%	1.6%	1.4%	1.5%	1.8%	1.7%

*Statistics on Grade 5 and Grade 8 exits are provided to highlight grade level transition years.

Student Entrance Statistics

There were 841 students, or 6.6% of total enrollment, who entered Newton Public Schools in 2018-19 who had not been students in the previous academic year, not including kindergarten entrances in the fall. This is a decrease of 23 students from the prior year, when there were 864 student entrances, or 6.8% of total enrollment.

The following tables provide the total number of entering students by school and grade level, and by reason for enrollment and/or origin of the enrolled student. In 2018-19, new students who enrolled in Newton Public Schools were most frequently enrolling from private school, although similar numbers of students were enrolling from other communities in Massachusetts, enrolling from outside of Massachusetts, or enrolling from outside the country.

Entrances by reason for enrollment are displayed as of October 1, 2018, as the majority of student entrances occur between the end of the prior school year and October 1st. Total entrances as of 2017-18, 2018-19, and October 1, 2019 are included for comparison. Overall, the number of student entrances as of October 1, 2019 is 693 students, slightly higher than last year when there were 662 student entrances as of October 1, 2018 (please note that incoming kindergarten students are not included in these tables).

SUMMARY ALL GRADES

2018-19 AND 2019-20 ENTRANCES AS OF OCTOBER 1, 2019

School	All 2017-18 Entrances	Oct 1 2018 Enrolled from MA*	Oct 1 2018 Enrolled from outside of MA	Oct 1 2018 Enrolled from outside the Country	Oct 1 2018 Enrolled from Private School	Additional Entrances through June 2019	All 2018-19 Entrances	Current Year as of October 1, 2019
All Grades	864	162	162	163	178	176	841	693
% of Total Enrollment	6.8%	1.3%	1.3%	1.3%	1.4%	1.4%	6.6%	5.5%
% of All 2018-19 Entrances		19.3%	19.3%	19.4%	21.2%	20.9%	100.0%	

* The majority of students in this category have enrolled from another MA community and some have enrolled from an origin that is unknown.

TABLE 15
ENTERING ELEMENTARY SCHOOL STUDENTS
2018-19 AND 2019-20 ENTRANCES AS OF OCTOBER 1, 2019

School	All 2017-18 Entrances	Oct 1 2018 Enrolled from MA*	Oct 1 2018 Enrolled from outside of MA	Oct 1 2018 Enrolled from outside the Country	Oct 1 2018 Enrolled from Private School	Additional Entrances through June 2019	All 2018-19 Entrances	Current Year as of October 1, 2019
Angier	32	6	17	4	7	6	40	18
Bowen	46	3	7	6	1	15	32	31
Burr	24	3	3	2	2	3	13	15
Cabot	33	5	5	3	8	5	26	36
Countryside	41	10	6	4	2	15	37	29
Franklin	14	12	1	4	5	3	25	11
Horace Mann	27	6	1	3	4	4	18	15
Lincoln-Eliot	41	13	4	5	5	17	44	26
Mason-Rice	35	1	6	12	9	3	31	16
Memorial-Spaulding	31	7	10	6	5	5	33	32
Peirce	18	1	2	2	3	4	12	16
Underwood	20	7	10	2	3	5	27	7
Ward	28	2	10	8	3	5	28	12
Williams	28	4	6	5	4	1	20	13
Zervas	59	4	12	5	10	14	45	25
Total	477	84	100	71	71	105	431	302
% of Elementary Enrollment	8.2%	1.5%	1.7%	1.2%	1.2%	1.8%	7.4%	5.4%
% of All 2018-19 Entrances		19.5%	23.2%	16.5%	16.5%	24.4%	100.0%	

* The majority of students in this category have enrolled from another MA community and some have enrolled from an origin that is unknown.

TABLE 16
ENTERING MIDDLE SCHOOL STUDENTS
2018-19 AND 2019-20 ENTRANCES AS OF OCTOBER 1, 2019

School	All 2017-18 Entrances	Oct 1 2018 Enrolled from MA*	Oct 1 2018 Enrolled from outside of MA	Oct 1 2018 Enrolled from outside the Country	Oct 1 2018 Enrolled from Private School	Additional Entrances through June 2019	All 2018-19 Entrances	Current Year as of October 1, 2019
Bigelow	39	8	8	6	9	11	42	28
Brown	44	5	13	10	17	10	55	51
Day	37	13	7	9	5	5	39	49
Oak Hill	46	8	8	11	9	7	43	32
Total	166	34	36	36	40	33	179	160
% of Middle School Enrollment	5.8%	1.2%	1.3%	1.3%	1.4%	1.2%	6.3%	5.5%
% of All 2018-19 Entrances		19.0%	20.1%	20.1%	22.3%	18.4%	100.0%	

* The majority of students in this category have enrolled from another MA community and some have enrolled from an origin that is unknown.

TABLE 17
ENTERING HIGH SCHOOL STUDENTS
2018-19 AND 2019-20 ENTRANCES AS OF OCTOBER 1, 2019

School	All 2017-18 Entrances	Oct 1 2018 Enrolled from MA*	Oct 1 2018 Enrolled from outside of MA	Oct 1 2018 Enrolled from outside the Country	Oct 1 2018 Enrolled from Private School	Additional Entrances through June 2019	All 2018-19 Entrances	Current Year as of October 1, 2019
North High	114	24	14	18	42	19	117	106
South High	107	20	12	38	25	19	114	125
Total	221	44	26	56	67	38	231	231
% of High School Enrollment	5.4%	1.1%	0.6%	1.4%	1.7%	0.9%	5.7%	5.7%
% of All 2018-19 Entrances		19.0%	11.3%	24.2%	29.0%	16.5%	100.0%	

* The majority of students in this category have enrolled from another MA community and some have enrolled from an origin that is unknown.

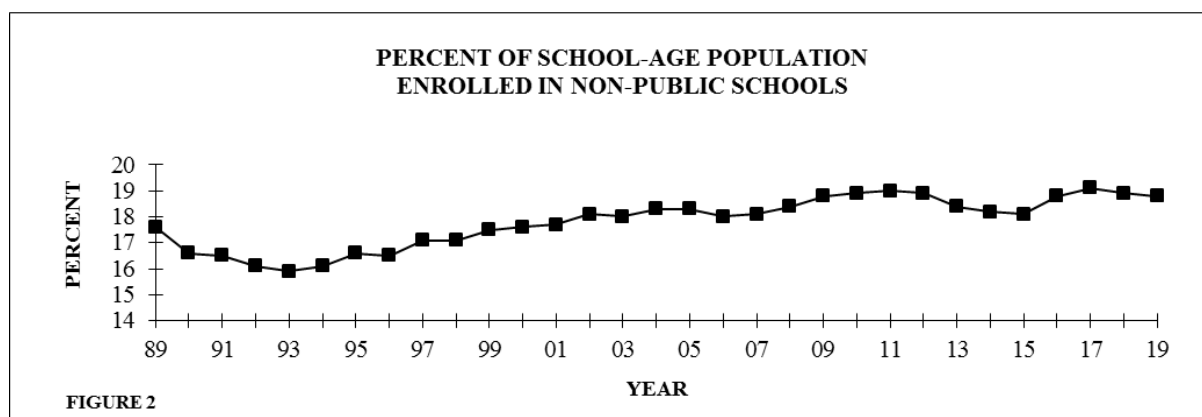
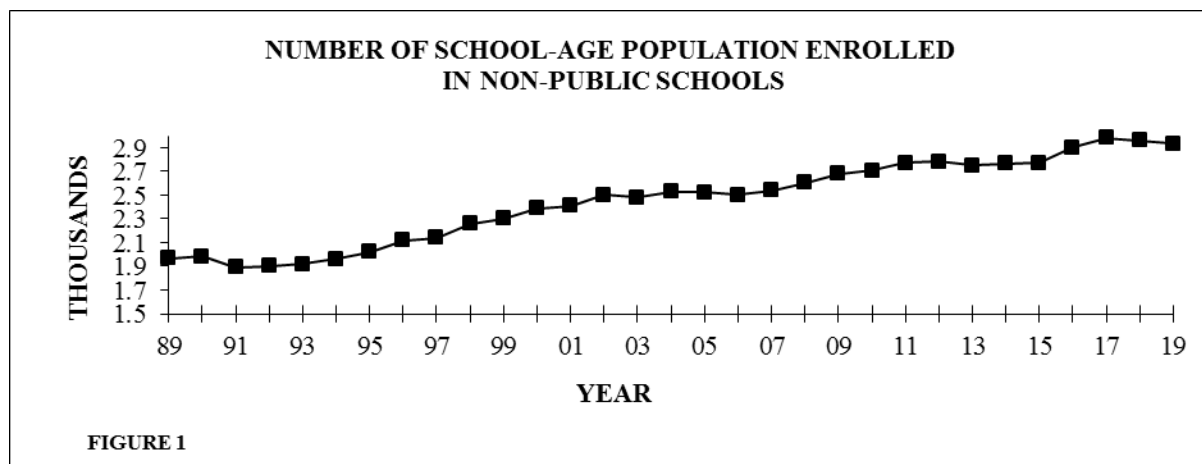
VI. NON-PUBLIC/PRIVATE SCHOOL STUDENTS

NON-PUBLIC/PRIVATE SCHOOL STUDENTS

This section reports on school-age children residing in Newton who are attending non-public or private schools. A census of non-public school students is conducted each year, as required by Massachusetts law, and provides information on where Newton's school-age population is attending school outside of Newton Public Schools. This includes private independent schools, private special education schools, other public schools, charter schools, or students who are home schooled. *Special education students outplaced by Newton Public Schools are included in the census.* The data reported in this section is based on the 2019 non-public school student census conducted in January 2019 during the 2018-19 school year.

Based on the 2019 census, 18.8% of the school-age population, or 2,935 students, were enrolled in non-public schools in 2018-19. This is a slight decrease from the previous year, when 18.9% of the school-age population (2,962 students) was enrolled in non-public schools.

Figures 1 and 2 display the history of enrollment in non-public schools for Newton residents. These figures show that the number and percentage of the school-age population in Newton enrolled in non-public schools has decreased slightly in 2018-19.



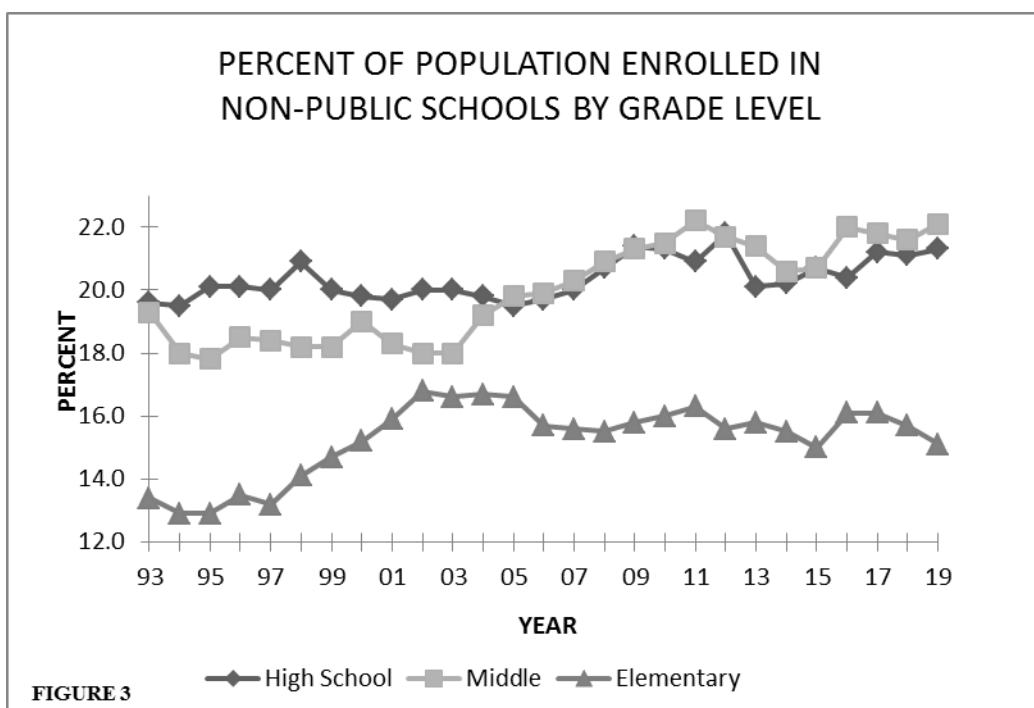
The chart below shows the breakdown of non-public school enrollment by type of school in 2018-19. The majority of the school-age population in Newton that is enrolled in non-public schools is enrolled in private schools in Massachusetts.

PERCENT OF NON-PUBLIC SCHOOL ENROLLMENT BY TYPE OF SCHOOL

Special Education Collaborative	Charter School	Other Public School	Home Schooled	In-State Private School	Out-of-State Private School
<1%	<1%	<1%	2%	95%	1%

The remainder of this section examines non-public school enrollment at the three grade levels and by districted Newton school.

The percentage of the school-age population attending non-public schools at the elementary, middle, and high school grade levels over time is illustrated in Figure 3 below. There is a consistent history of higher rates of enrollment in non-public schools at the secondary grade levels (grades 6-12), where approximately 22% of the school-age population is enrolled in non-public schools in 2018-19. At the middle school level, the percentage of students enrolled in non-public schools has increased slightly, from 21.6% in 2017-18 to 22.1%. At the high school level, the percentage of students enrolled in non-public schools has stayed relatively stable at 21.3% in 2018-19. Elementary students continue to be enrolled in non-public schools at a rate between 15% and 16% as they have since 2006.



Three additional tables are included in this section. Table 18 displays non-public school enrollment by grade and Table 19 presents this information further delineated by districted school. Table 20 displays the distribution of Newton Public Schools students who are placed out-of-district as of the time of the census due to the special education needs of the students by grade level and districted school. Highlights of these tables are described below:

- The number of students enrolled in non-public schools decreased slightly at the elementary school level, and increased slightly at the middle and high school levels.
- Grade 6 and grade 9 are both transition years in Newton. Grade 6 saw an increase in the percentage of students enrolled in non-public schools from the prior year (22.3% of 6th graders compared to 19.8% in the prior year). Grade 9 saw a slight decrease in the percentage of students enrolled in non-public schools from the prior year (20.5% of 9th graders compared to 21% in the prior year).
- Enrollment of students with special education placements attending private schools, special education collaborative programs, or other public schools decreased from 2017-18, from 118 to 114 students, a 3% decrease. For detailed special education enrollment statistics, please refer to Appendix A, Table 6.

TABLE 18
NON-PUBLIC SCHOOL STUDENTS AS PERCENT OF
TOTAL SCHOOL-AGE POPULATION
BY GRADE

Grade	N 2017-18	% of School-Age Population	N 2018-19	% of School-Age Population	Change from Prior Year (N, %)	
K	164	16.2%	163	16.1%	-1	-0.6%
1	132	12.0%	156	14.7%	24	18.2%
2	170	15.0%	141	12.6%	-29	-17.1%
3	182	14.9%	174	15.2%	-8	-4.4%
4	200	16.4%	187	15.0%	-13	-6.5%
5	237	19.4%	210	17.0%	-27	-11.4%
Total	1,085	15.7%	1,031	15.1%	-54	-5.0%
6	230	19.8%	280	22.3%	50	21.7%
7	276	22.5%	238	20.3%	-38	-13.8%
8	285	22.4%	291	23.5%	6	2.1%
Total	791	21.6%	809	22.1%	18	2.3%
9	260	21.0%	263	20.5%	3	1.2%
10	276	21.7%	267	21.1%	-9	-3.3%
11	270	21.5%	273	21.2%	3	1.1%
12	280	21.8%	292	22.4%	12	4.3%
Total	1,086	21.1%	1,095	21.3%	9	0.8%
Grand Total	2,962	18.9%	2,935	18.8%	-27	-0.9%

Note: Students that are beyond grade 12 are reported as grade 12.

TABLE 19

**NON-PUBLIC SCHOOL STUDENTS
AS PERCENT OF TOTAL SCHOOL-AGE POPULATION
BY DISTRICTED SCHOOL AND GRADE LEVEL**

Elementary District	2017-18		2018-19 by Grade							2018-19	
	N	% of School Age Population	K	1	2	3	4	5		N	% of School Age Population
Angier	81	14.8%	11	15	6	10	16	22		80	13.7%
Bowen	104	19.8%	11	13	18	14	17	20		93	19.0%
Burr	26	6.3%	8	9	5	5	7	9		43	10.1%
Cabot	80	17.0%	14	15	8	12	17	16		82	17.5%
Countryside	68	14.2%	12	14	5	20	10	14		75	15.4%
Franklin	42	8.8%	10	6	2	5	3	11		37	8.0%
Horace Mann	38	8.6%	5	3	3	6	4	9		30	7.0%
Lincoln-Eliot	47	11.2%	7	5	7	7	7	3		36	9.0%
Mason-Rice	93	15.4%	13	14	11	17	12	13		80	14.1%
Memorial-Spaulding	147	24.5%	23	16	21	22	19	17		118	20.3%
Peirce	93	25.2%	11	10	15	14	19	20		89	24.7%
Underwood	47	14.2%	8	8	6	6	6	3		37	11.3%
Ward	122	28.3%	18	16	20	23	26	30		133	31.0%
Williams	21	6.6%	2	5	5	5	4	7		28	9.2%
Zervas	76	15.7%	10	7	9	8	20	16		70	14.1%
Total Elementary	1,085	15.7%	163	156	141	174	187	210		1,031	15.1%
						6	7	8			
Bigelow Middle	131	20.1%				61	35	53		149	22.9%
Brown Middle	224	22.9%				71	69	78		218	22.7%
Day Middle	229	18.9%				69	73	83		225	18.7%
Oak Hill Middle	207	25.2%				79	61	77		217	25.6%
Total Middle School	791	21.6%				280	238	291		809	22.1%
						9	10	11	12		
Newton North	491	18.5%				118	113	127	136	494	18.8%
Newton South	595	23.9%				145	154	146	156	601	23.9%
Total High School	1086	21.1%				263	267	273	292	1095	21.3%
GRAND TOTAL	2,962	18.9%								2,935	18.8%

Notes

- 1) Students that are beyond grade 12 are reported as grade 12.
- 2) Students residing in buffer zones are assigned a districted school according to the attendance percentages of currently enrolled buffer zone resident students.

TABLE 20

**SPECIAL EDUCATION STUDENTS
TUITIONED-OUT TO NON-PUBLIC SCHOOLS
BY DISTRICTED SCHOOL AND GRADE LEVEL**

Elementary	Total As of 2017-18	2018-19 Grade							Total As of 2018-19
		PK	K	1	2	3	4	5	
Angier	0								0
Bowen	0					1	1		2
Burr	0						1	1	2
Cabot	0							1	1
Countryside	1							1	1
Franklin	3							4	4
Horace Mann	4					1	1	1	3
Lincoln-Eliot	1							1	1
Mason-Rice	2			1		1			2
Memorial-Spaulding	2						1		1
Peirce	0								0
Underwood	1							1	1
Ward	1					1	1		2
Williams	0								0
Zervas	0								0
Total Elementary	15	0	0	1	0	4	5	10	20
						6	7	8	
Bigelow Middle	3							1	1
Brown Middle	8					1	2	3	6
Day Middle	8					2		3	5
Oak Hill Middle	5					2	2	1	5
Total Middle School	24					5	4	8	17
					9	10	11	12	
Newton North	45				8	9	9	21	47
Newton South	34				6	4	6	14	30
Total High School	79				14	13	15	35	77
Grand Total	118								114

Note: Students that are beyond grade 12 are reported as grade 12.

APPENDICES

A. STUDENT POPULATION DETAIL

B. CITY OF NEWTON POPULATION

C. RESIDENTIAL PROPERTY DATA

D. NESDEC'S ENROLLMENT PROJECTIONS VS. NEWTON'S

E. SCHOOL DISTRICTS AND BUFFER ZONES

F. RESIDENTIAL DEVELOPMENT

APPENDIX A STUDENT POPULATION DETAIL

Demographic Information (Table 1)

Tables 1A – 1D provide demographic information by school and by grade. Table 1A displays the percentage of 2019-20 enrollments by race/ethnicity for each school and the district. Table 1B displays the percentage of 2019-20 enrollments by race/ethnicity for each grade level.

**TABLE 1A
ENROLLMENTS BY RACE/ETHNICITY BY SCHOOL
2019-2020**

School	Total Enrollment FY20	Percentage of enrollment						
		African American/ Black	Asian	Hispanic or Latino	American Indian or Alaska Native	White	Native Hawaiian, Pacific Islander	Multi-Race, Non-Hispanic
Angier	502	3%	14%	5%	0%	70%	0%	8%
Bowen	372	5%	26%	8%	0%	53%	0%	8%
Burr	366	5%	19%	10%	0.3%	57%	0%	8%
Cabot	393	5%	13%	6%	0%	62%	1%	12%
Countryside	413	5%	28%	5%	0%	53%	0%	8%
Franklin	413	3%	12%	8%	0%	70%	0.7%	7%
Horace Mann	391	4%	15%	7%	0%	63%	0%	11%
Lincoln-Eliot	362	7%	18%	12%	0%	54%	0%	9%
Mason-Rice	446	1%	19%	4%	0%	68%	0%	8%
Memorial-Spaulding	465	4%	23%	8%	0%	59%	0%	5%
Peirce	284	4%	21%	9%	0%	60%	0%	6%
Underwood	269	3%	18%	13%	0%	57%	0%	8%
Ward	255	2%	13%	4%	0%	75%	0%	6%
Williams	261	5%	34%	8%	0.4%	47%	0%	6%
Zervas	434	6%	22%	7%	0.5%	54%	0.5%	10%
TOTAL ELEMENTARY	5,626	4%	20%	8%	0.1%	60%	0.1%	8%
Bigelow	494	5%	16%	9%	0.2%	63%	0%	7%
Brown	778	3%	21%	5%	0.3%	66%	0%	5%
Day	999	4%	17%	9%	0.2%	63%	0%	6%
Oak Hill	632	6%	26%	5%	0.2%	57%	0.2%	6%
TOTAL MIDDLE	2,903	4%	20%	7%	0.2%	63%	0.0%	6%
Newton North	2,099	6%	15%	9%	0.3%	62%	0%	7%
Newton South	1,983	5%	22%	6%	0%	61%	0%	6%
TOTAL HIGH SCHOOL	4,082	6%	18%	8%	0.2%	62%	0%	6%
GRAND TOTAL	12,611	5%	19%	8%	0.1%	61%	0.1%	7%

TABLE 1B
ENROLLMENTS BY RACE/ETHNICITY BY GRADE
2019-2020

Grade	Total Enrollment FY20	Percentage of enrollment						
		African American/ Black	Asian	Hispanic or Latino	American Indian or Alaska Native	White	Native Hawaiian, Pacific Islander	Multi-Race, Non-Hispanic
K	825	3%	21%	6%	0.1%	60%	0%	9%
1	902	4%	21%	7%	0.1%	60%	0.2%	8%
2	918	5%	19%	8%	0%	59%	0.1%	9%
3	968	4%	19%	8%	0%	60%	0.1%	8%
4	952	4%	20%	8%	0%	61%	0.1%	7%
5	1,061	5%	18%	7%	0.2%	62%	0.2%	7%
TOTAL ELEMENTARY	5,626	4%	20%	8%	0.1%	60%	0.1%	8%
6	995	5%	22%	6%	0.2%	63%	0%	5%
7	984	4%	19%	8%	0.3%	62%	0%	6%
8	924	4%	19%	8%	0.1%	63%	0.1%	6%
TOTAL MIDDLE	2,903	4%	20%	7%	0.2%	63%	0.0%	6%
9	997	4%	18%	8%	0.2%	63%	0%	7%
10	1,036	6%	20%	8%	0.2%	59%	0%	7%
11	1,000	6%	18%	8%	0.3%	62%	0%	6%
12	1,049	7%	17%	7%	0%	63%	0%	5%
TOTAL HIGH	4,082	6%	18%	8%	0.2%	62%	0%	6%
GRAND TOTAL	12,611	5%	19%	8%	0.1%	61%	0.1%	7%

Note: Students who receive special education services beyond grade 12 are included with grade 12 in this table.

Tables 1C and 1D display the percentage of students who are low income (measured by students qualifying for free or reduced price lunch) and the percentage of students who are economically disadvantaged for 2018-19 and 2019-20. The economically disadvantaged indicator is an indicator that was introduced by the state in 2015 to replace the low income indicator. This indicator was developed because of the introduction of the Community Eligibility Provision to the USDA School Lunch Program that no longer requires the collection of lunch forms by participating districts. The economically disadvantaged indicator includes students who participate in one or more of the following state-administered programs: SNAP (Supplemental Nutrition Assistance Program), TAFDC (Transitional Aid to Families with Dependent Children), DCF (Department of Children and Families' foster care program), and Medicaid (MassHealth). Both the low income and economically disadvantaged indicators are available in Newton. For 2019-20, the percentages of economically disadvantaged by school and grade are estimated based on the most recent free and reduced price lunch data, as the actual percentages for the current school year are not yet available from the state.

TABLE 1C
ENROLLMENTS BY LOW INCOME AND ECONOMICALLY DISADVANTAGED
BY SCHOOL
2019-2020

School	Total Enrollment FY20	Percentage of enrollment					
		Low Income FY19	Low Income FY20	% Point Change	Eco. Disadv. FY19	Eco. Disadv. FY20*	% Point Change
Angier	502	7%	8%	1%	5%	5%	0%
Bowen	372	12%	12%	0%	6%	10%	4%
Burr	366	16%	14%	-2%	11%	11%	0%
Cabot	393	12%	12%	0%	6%	9%	3%
Countryside	413	17%	15%	-2%	13%	12%	-1%
Franklin	413	12%	11%	-1%	7%	9%	2%
Horace Mann	391	15%	11%	-4%	9%	8%	-1%
Lincoln-Eliot	362	30%	32%	2%	17%	25%	8%
Mason-Rice	446	6%	4%	-2%	3%	2%	-1%
Memorial-Spaulding	465	8%	9%	1%	7%	7%	0%
Peirce	284	10%	9%	-1%	7%	6%	-1%
Underwood	269	15%	15%	0%	9%	13%	4%
Ward	255	5%	7%	2%	3%	6%	3%
Williams	261	11%	10%	-1%	6%	8%	2%
Zervas	434	14%	12%	-2%	9%	9%	0%
TOTAL ELEMENTARY	5,626	13%	12%	-1%	8%	9%	1%
Bigelow	494	18%	17%	-1%	11%	12%	1%
Brown	778	12%	12%	0%	6%	9%	3%
Day	999	16%	16%	0%	7%	13%	6%
Oak Hill	632	13%	16%	3%	9%	12%	3%
TOTAL MIDDLE	2,903	15%	15%	0%	8%	11%	3%
Newton North	2,099	19%	17%	-2%	12%	12%	0%
Newton South	1,983	15%	14%	-1%	8%	10%	2%
TOTAL HIGH SCHOOL	4,082	17%	15%	-2%	10%	11%	1%
GRAND TOTAL	12,611	15%	14%	-1%	9%	10%	1%

*Economically Disadvantaged percentages for FY20 are estimates based on FY20 free and reduced price lunch data.

TABLE 1D
ENROLLMENTS BY LOW INCOME AND ECONOMICALLY DISADVANTAGED
BY GRADE
2019-2020

Grade	Total Enrollment FY20	Percentage of enrollment					
		Low Income FY19	Low Income FY20	% Point Change	Eco. Disadv. FY19	Eco. Disadv. FY20*	% Point Change
K	825	9%	11%	2%	7%	10%	3%
1	902	13%	11%	-2%	8%	9%	1%
2	918	13%	14%	1%	8%	12%	4%
3	968	12%	12%	0%	7%	8%	1%
4	952	12%	12%	0%	6%	9%	3%
5	1,061	16%	11%	-5%	9%	8%	-1%
TOTAL ELEMENTARY	5,626	13%	12%	-1%	8%	9%	1%
6	995	13%	15%	2%	8%	11%	3%
7	984	17%	14%	-3%	9%	10%	1%
8	924	13%	16%	3%	7%	13%	6%
TOTAL MIDDLE	2,903	15%	15%	0%	8%	11%	3%
9	997	17%	12%	-5%	9%	9%	0%
10	1,036	18%	16%	-2%	11%	11%	0%
11	1,000	16%	17%	1%	9%	12%	3%
12	1,049	19%	17%	-2%	11%	12%	1%
TOTAL HIGH	4,082	17%	15%	-2%	10%	11%	1%
GRAND TOTAL	12,611	15%	14%	-1%	9%	10%	1%

Note: Students who receive special education services beyond grade 12 are included with grade 12 in this table.

*Economically Disadvantaged percentages for FY20 are estimates based on FY20 free and reduced price lunch data.

Preschool Enrollment (Table 2)

Table 2 displays preschool enrollment in Newton for 2018-19 and 2019-20. Preschool enrollment as of October 1, 2019 is 184 students, a decrease of 29 students from the prior year. The majority of current preschool students (62%) are receiving special education services. Table 2A displays the nature of disability for current preschool students.

**TABLE 2
PRESCHOOL STUDENTS
OCTOBER 1, 2018 AND OCTOBER 1, 2019**

Category	2018-19	2019-20	Difference	% Change
Role Model Students	72	70	-2	-2.8%
Students Receiving Services	141	114	-27	-19.1%
TOTAL	213	184	-29	-13.6%

**TABLE 2A
PRESCHOOL STUDENTS
OCTOBER 1, 2019**

Type of Need	Number of Students
Autism	32
Communication	17
Developmental Delay (ages 3 to 9 only)	57
Emotional	0
Health	1
Neurological	3
Physical	0
Sensory/Hard of Hearing or Deaf	3
Sensory/Vision Impairment or Blind	1
Typically Developing/Role Model	70
TOTAL	184

METCO Enrollment (Table 3)

The number of students participating in the METCO Program in the Newton Public Schools as of October 1, 2019 is 424. Of the 424 students, 47% are enrolled in the elementary schools, 21% are at the middle schools, and 32% are at the high schools.

**TABLE 3
2019-20 METCO ENROLLMENT
BY SCHOOL AND GRADE**

School	Grade						Total
	K	1	2	3	4	5	
Angier		3	2	2	1	2	10
Bowen	2	2		3	3		10
Burr		4	1	4	3		12
Cabot		2	3	3	1	5	14
Countryside	3	4	2	2	5	3	19
Franklin		2	2	3	1	2	10
Horace Mann			5	2	3	2	12
Lincoln-Eliot	3	3	2	2	4	5	19
Mason-Rice	1	2		1	1	4	9
Memorial-Spaulding	3	1	4	6	5		19
Peirce	3			5	4	4	16
Underwood	2	2	2	1	2	4	13
Ward	2	1		2		2	7
Williams		1	5	2	3	2	13
Zervas	2	3	5	3	1	2	16
Total Elementary	21	30	33	41	37	37	199
Grade level as % of all METCO students							46.9%
				6	7	8	
Bigelow				8	10	7	25
Brown				1	8		9
Day				13	6	6	25
Oak Hill				16	8	7	31
Total Middle				38	32	20	90
Grade level as % of all METCO students							21.2%
				9	10	11	12
North High				12	17	20	21
South High				11	15	16	23
Total High				23	32	36	44
Grade level as % of all METCO students							31.8%
Grand Total							424

English Language Learners (Tables 4 and 5)

Table 4 indicates a decrease of 71 students, or -8.5%, in the number of PK-12 students identified as "English Language Learners" from last year. There are a total of 769 students in the program this year compared to 840 students last year. The English Language Learners population has grown by 453 students, or 143%, since 1990.

**TABLE 4
ENGLISH LANGUAGE LEARNERS
1990 - PRESENT**

Year (as of October 1)	Program Enrollment	Difference	% Change
1990	316		
1991	390	74	23.4%
1992	414	24	6.2%
1993	486	72	17.4%
1994	468	-18	-3.7%
1995	454	-14	-3.0%
1996	485	31	6.8%
1997	480	-5	-1.0%
1998	466	-14	-2.9%
1999	509	43	9.2%
2000	566	57	11.2%
2001	581	15	2.7%
2002	551	-30	-5.2%
2003	545	-6	-1.1%
2004	551	6	1.1%
2005	522	-29	-5.3%
2006	553	31	5.9%
2007	635	82	14.8%
2008	650	15	2.4%
2009	687	37	5.7%
2010	766	79	11.5%
2011	783	17	2.2%
2012	778	-5	-0.6%
2013	911	133	17.1%
2014	875	-36	-4.0%
2015	827	-48	-5.5%
2016	859	32	3.9%
2017	881	22	2.6%
2018	840	-41	-4.7%
2019	769	-71	-8.5%

*Starting in 2017, per state requirements, preschool students were screened through the English Language Learners office. Starting in 2018, PK students are included in program enrollment.

Table 5 on the following page shows the number of English Language Learner students by grade level and first language in the current year and the two prior years. The elementary ELL population has decreased by 33 students from last year and the ELL population at the secondary level (grades 6 -12) has decreased by 38 students from last year. Table 5 also shows the number of students in each of the seven largest language groups for this school year and the two prior school years. The students in these groups receive native language support as needed. "Other" languages, including French, Vietnamese, Pushtu/Pashtu, Turkish, and Arabic, among others, represent 21% of the total ELL program enrollment in 2019-20.

TABLE 5
ENGLISH LANGUAGE LEARNERS
TRENDS OVER THREE YEARS
BY FIRST LANGUAGE AND GRADE LEVEL

	2017-18				2018-19				Difference				2019-20				Difference	
									2017-18 vs. 2018-19								2018-19 vs. 2019-20	
	K-5	6-12	Total		PK-5	6-12	Total		PK-5	6-12	Total		PK-5	6-12	Total		Total	
LANGUAGE																		
Chinese (All Forms)	157	91	248		168	75	243		11	-16	-5		129	67	196		-47	
Spanish	63	37	100		65	48	113		2	11	13		81	38	119		6	
Russian	78	10	88		78	16	94		0	6	6		78	14	92		-2	
Hebrew	70	25	95		42	18	60		-28	-7	-35		37	18	55		-5	
Japanese	56	14	70		46	21	67		-10	7	-3		38	16	54		-13	
Korean	43	10	53		36	9	45		-7	-1	-8		32	13	45		0	
Portuguese	30	20	50		24	27	51		-6	7	1		30	15	45		-6	
Other	119	58	177		115	52	167		-4	-6	-10		116	47	163		-4	
TOTAL	616	265	881		574	266	840		-42	1	-41		541	228	769		-71	

*Starting in 2017, per state requirements, preschool students were screened through the English Language Learners office. Starting in 2018, PK students are included in program enrollment.

Students with Special Education Services (Table 6)

The following table reports five years of enrollment history of students requiring special education services by placement type and grade level. For all grade levels combined, the percentage of students receiving special education services in the Newton Public Schools this year is 17.3%. This is a decrease of 77 students from last school year. There are fewer special education students at all three grade levels this year. There has been a slight increase in out of district placements as of October 2019 (131 students vs. 126 students in October 2018 vs. 139 students in October 2017). Program placement type is defined according to the time out of the regular classroom environment required by a special education placement. The majority of students with special education services are fully included in the general education classroom, with less than 21% of time spent outside of the classroom. Ten year trends in the distribution of students by special education placement and grade level are illustrated in the graph at the end of the section.

**TABLE 6
DISTRIBUTION OF STUDENTS RECEIVING SPECIAL EDUCATION SERVICES**

**TABLE 6
DISTRIBUTION OF STUDENTS RECEIVING SPECIAL EDUCATION SERVICES**

October 2019										
Level	Level of Service								Total Special Education**	% of Total Enrollment
	10	20	40*	41*	50*	60*	70*	90*		
% of Time Outside Classroom	<21%	21-60%	>60%	100%	100%	100%	100%	100%		
Elementary	730	50	25	1	14	1	0	0	821	14.5%
Middle	411	66	25	3	20	3	0	0	528	18.0%
High	544	126	84	27	66	9	0	0	856	20.6%
Total	1,685	242	134	31	100	13	0	0	2,205	17.3%

*The Level of Service of "40" is defined as "All ages, in a substantially separate classroom"; "41" and "50" is "All ages, in a Public/Private Separate Day School"; "60" and higher is "All ages, in a Residential School." Tuitioned out students and students in Newton's alternative education programs are included in codes "41" and higher.

**Pre-school students are not included. If Pre-school students (114) were included in this table, the total Special Education population would be 2,319 (18.1%).

October 2018										
Level	Level of Service								Total Special Education**	% of Total Enrollment
	10	20	40*	41*	50*	60*	70*	90*		
% of Time Outside Classroom	<21%	21-60%	>60%	100%	100%	100%	100%	100%		
Elementary	762	36	32	4	9	0	0	0	843	14.6%
Middle	420	104	26	1	10	1	0	0	562	19.7%
High	579	138	67	29	50	13	1	0	877	21.7%
Total	1,761	278	125	34	69	14	1	0	2,282	18.0%

*The Level of Service of "40" is defined as "All ages, in a substantially separate classroom"; "41" and "50" is "All ages, in a Public/Private Separate Day School"; "60" and higher is "All ages, in a Residential School." Tuitioned out students and students in Newton's alternative education programs are included in codes "41" and higher.

**Pre-school students are not included. If Pre-school students (141) were included in this table, the total Special Education population would be 2,423 (18.8%).

TABLE 6 (Continued)
DISTRIBUTION OF STUDENTS RECEIVING SPECIAL EDUCATION SERVICES

October 2017

Level	Level of Service								Total Special Education**	% of Total Enrollment
	10	20	40*	41*	50	60*	70	90		
% of Time Outside Classroom	<21%	21-60%	>60%	100%	100%	100%	100%	100%		
Elementary	779	46	16	2	11	1	0	0	855	14.7%
Middle	418	120	27	3	21	0	0	0	589	20.5%
High	650	140	83	31	52	16	0	2	974	24.0%
Total	1,847	306	126	36	84	17	0	2	2,418	19.0%

*The Level of Service of "40" is defined as "All ages, in a substantially separate classroom"; "41" and "50" is "All ages, in a Public/Private Separate Day School"; "60" and higher is "All ages, in a Residential School." Tuitioned out students and students in Newton's alternative education programs are included in codes "41" and higher.

**Pre-school students are not included. If Pre-school students (133) were included in this table, the total Special Education population would be 2,551 (20.0%).

October 2016

Level	Level of Service								Total Special Education**	% of Total Enrollment
	10	20	40*	41*	50	60*	70	90		
% of Time Outside Classroom	<21%	21-60%	>60%	100%	100%	100%	100%	100%		
Elementary	775	37	49	2	8	1	0	0	872	15.0%
Middle	419	116	44	1	24	0	0	0	604	21.1%
High	628	111	113	12	60	18	0	2	944	23.6%
Total	1,822	264	206	15	92	19	0	2	2,420	19.1%

*The Level of Service of "40" is the highest level of service within Newton Public Schools and is defined as "All ages, in a substantially separate classroom"; "41" and "50" is "All ages, in a Public/Private Separate Day School"; "60" and higher is "All ages, in a Residential School." Tuitioned out students are included in codes "41" and higher.

**Pre-school students are not included. If Pre-school students (133) were included in this table, the total Special Education population would be 2,553 (20.2%).

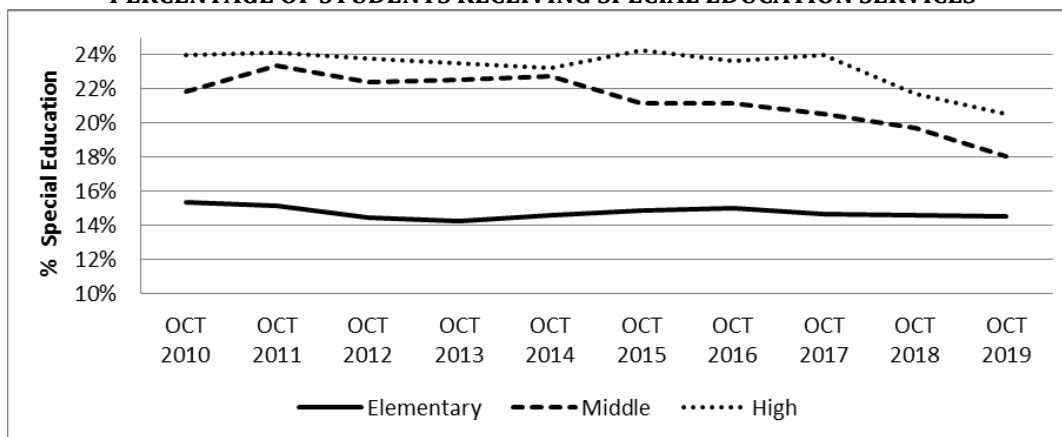
October 2015

Level	Level of Service								Total Special Education**	% of Total Enrollment
	10	20	40*	41*	50	60*	70	90		
% of Time Outside Classroom	<21%	21-60%	>60%	100%	100%	100%	100%	100%		
Elementary	758	77	16	1	8	0	0	0	860	14.9%
Middle	401	121	41	3	29	2	0	0	597	21.2%
High	627	132	107	7	50	19	0	4	946	24.2%
Total	1,786	330	164	11	87	21	0	4	2,403	19.2%

*The Level of Service of "40" is the highest level of service within Newton Public Schools and is defined as "All ages, in a substantially separate classroom"; "41" and "50" is "All ages, in a Public/Private Separate Day School"; "60" and higher is "All ages, in a Residential School." Tuitioned out students are included in codes "41" and higher.

**Pre-school students are not included. If Pre-school students (107) were included in this table, the total Special Education population would be 2,510 (20.1%).

TEN YEAR TRENDS PERCENTAGE OF STUDENTS RECEIVING SPECIAL EDUCATION SERVICES



Non-Resident Students (Table 7)

The number of non-resident students attending the Newton Public Schools decreased slightly from last year and is currently 599 students.

TABLE 7
NON-RESIDENT STUDENTS
OCTOBER 1, 2018 AND OCTOBER 1, 2019

Category	2018-19	2019-20	Difference	% Change
METCO Program Students	434	424	-10	-2.3%
Tuition-In Students	3	3	0	0.0%
Hearing Impaired (EDCO)	13	13	0	0.0%
Faculty Children	123	124	1	0.8%
Approved to Attend*	14	27	13	92.9%
Foreign Exchange Student	15	8	-7	-46.7%
TOTAL	602	599	-3	-0.5%

* Students may be "Approved to Attend" for reasons including status as a homeless student or state ward, or due to another time-limited residency issue.

APPENDIX B**TABLE 8****City of Newton, Massachusetts Population Growth**

Age Range	1990 Census*	2000 Census*	2010 Census*	Change 2010 Census vs. 2000 Census	% Change
0-4	4,423	4,401	4,497	96	2.2%
5-9	4,411	5,014	5,290	276	5.5%
10-14	3,935	5,267	5,336	69	1.3%
15-19	6,800	6,653	8,017	1,364	20.5%
20-24	7,189	5,133	5,594	461	9.0%
25-34	13,609	10,809	8,268	(2,541)	-23.5%
35-44	13,590	12,823	10,755	(2,068)	-16.1%
45-54	9,025	13,400	12,621	(779)	-5.8%
55-59	3,569	4,408	6,132	1,724	39.1%
60-64	3,743	3,281	5,657	2,376	72.4%
65-74	6,449	5,918	6,197	279	4.7%
75-84	4,248	4,667	4,294	(373)	-8.0%
85 and Older	1,594	2,055	2,488	433	21.1%
Grand Total	82,585	83,829	85,146	1,317	1.6%

*Source: U.S. Census Bureau, City of Newton, Massachusetts Census

APPENDIX C

TABLE 9

CITY OF NEWTON

Residential Property Sales by District January 2005 to September 2019

School District	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019*
Angier	64	60	71	42	50	45	68	58	70	67	78	84	86	75	46
Angier/Williams	6	7	6	6	9	7	7	7	13	8	4	5	5	4	2
Angier/Zervas											25	25	28	22	8
Bowen	172	142	142	128	144	153	134	165	76	95	62	67	91	72	38
Bowen/Mason-Rice	9	9	8	7	6	6	13	15	18	24	9	9	20	18	11
Bowen/Memorial Spaulding									64	65	54	45	48	47	34
Bowen/Ward									10	24	17	11	17	13	15
Burr	65	41	45	39	45	36	54	55	51	60	47	55	63	46	41
Burr/Williams	9	6	6	3	5	5	6	7	12	6	0	0	0	4	10
Cabot	90	76	77	68	48	81	46	91	82	80	78	67	115	92	49
Cabot/Underwood													3	2	0
Countryside	79	55	69	61	50	66	64	70	61	81	109	86	103	98	60
Countryside/Angier	49	45	59	32	39	33	31	42	35	56	0	0	0	0	0
Countryside/Bowen	13	12	11	12	14	11	10	5	12	12	13	15	12	8	3
Countryside/Zervas	2	2	1	1	1	1	1	1	2	2	0	0	0	0	0
Franklin	62	55	74	45	55	77	66	66	66	97	69	35	43	37	32
Franklin/Burr	5	7	12	8	15	9	5	15	12	17	10	21	8	17	15
Horace Mann	50	43	56	37	38	49	32	52	53	56	41	39	43	65	28
Horace Mann/Cabot											5	1	1	0	0
Horace Mann/Franklin	7	7	4	7	6	9	3	8	4	9	2	12	12	8	7
Horace Mann/Lincoln-Eliot	7	7	11	5	4	4	7	9	13	8	8	7	5	2	2
Lincoln-Eliot	69	77	69	42	43	47	49	62	66	65	59	57	66	63	44
Mason-Rice	65	56	84	69	52	52	50	67	57	71	75	38	49	50	28
Mason-Rice/Ward	15	4	12	11	6	6	4	12	11	12	11	13	17	9	6
Memorial-Spaulding	111	91	92	77	91	100	94	114	98	111	117	108	107	111	69
Memorial-Spaulding/Countryside	3	2	1	3	2	5	4	1	2	4	2	9	14	13	7
Peirce	40	54	59	43	34	39	33	49	47	38	43	45	59	50	42
Peirce/Williams	12	10	9	14	4	10	10	18	13	15	12	8	14	9	13
Underwood	72	65	54	56	56	48	55	76	73	67	76	52	58	59	32
Underwood/Ward	4	0	1	5	0	1	1	2	3	3	2	9	17	7	15
Ward	59	53	56	105	52	40	62	62	54	59	68	62	57	47	38
Williams	35	61	32	21	33	28	31	33	41	41	38	27	57	30	23
Zervas	52	39	52	47	45	45	43	52	46	57	79	79	86	88	54
Zervas/Mason-Rice	1	3	0	1	1	0	2	2	0	1	0	0	0	0	0
Totals	1,227	1,089	1,173	995	948	1,013	985	1,216	1,165	1,311	1,213	1,091	1,304	1,166	772

* Calendar Year 2019 information is from January 1 to October 4, 2019.

APPENDIX C - TABLE 10
PROPERTIES LISTED FOR SALE IN NEWTON, MA. BY ELEMENTARY DISTRICT

School District	Number for sale	SINGLE FAMILY - SF						CONDO - C					% BY TYPE	
		2 B.R.	3 B.R.	4 B.R.	5 B.R.	6+ B.R.		1 B.R.	2 B.R.	3 B.R.	4 B.R.	5+ B.R.	SF	C
Angier	11		2	4		3		1					82%	18%
Angier/Zervas	7	1		3		1						1	71%	29%
Bowen	17		2	1		1		5	6	1	1		24%	76%
Bowen/Memorial Spaulding	12							2	10				0%	100%
Bowen/Ward	4				1	2							100%	0%
Burr	8		3	3	0	2							100%	0%
Cabot	14		1	7		4						1	86%	14%
Countryside	30		1	5	6	6				1	8	3	60%	40%
Countryside / Bowen	3		1	1						1			67%	33%
Franklin	5			1	2					2			60%	40%
Franklin/Burr	4			2		1					1		75%	25%
Horace Mann	4		1			1					2		50%	50%
Horace Mann/Lincoln-Eliot	2											2	0%	100%
Lincoln-Eliot	16		2			3				2	3	6	31%	69%
Mason-Rice	4		2	1						1			75%	25%
Memorial Spaulding	23		2	2	6					1			83%	17%
Memorial Spaulding/Countryside	4		1		1	1						1	75%	25%
Peirce	10			2	5	3							100%	0%
Underwood	11		2	1		2		1				5	45%	55%
Ward	15		1	3		5				1	3		60%	40%
Williams	10			3	2	1				2			60%	40%
Zervas	10		2	3	1	1		1			1	1	70%	30%
Total	224	1	23	43	24	46		14	28	20	22	3		
Last Year's Property Mix*	179	1	21	28	35	35		11	13	23	11	1		
Difference	45	0	2	15	-11	11		3	15	-3	11	2		
% Difference	20%													

*Last year's property mix included 9 multifamily units, for an overall total of 188 (not included this year, as no multifamily units are for sale at this time).

Note: This data came from MLS Listings of residential properties for sale in Newton, MA as of November 2019 and is subject to change on a daily basis. Only listings classified as "active" are included. There may be other properties for sale in Newton that are not contained on this listing service.

APPENDIX D

TABLE 11

NESDEC's Projections vs Newton's Projections

Grades K through 12

Newton's Projections

Level	FY21 2020-21	FY22 2021-22	FY23 2022-23	FY24 2023-24	FY25 2024-25
Elementary	5,513	5,471	5,405	5,383	5,349
Middle	3,026	2,984	2,962	2,855	2,847
High School	4,028	4,089	4,117	4,224	4,254
Special Education	29	29	29	29	29
Total	12,596	12,573	12,513	12,491	12,479

NESDEC's Projections*

Level	FY21 2020-21	FY22 2021-22	FY23 2022-23	FY24 2023-24	FY25 2024-25
Elementary	5,502	5,400	5,265	5,144	5,089
Middle	3,027	2,987	2,961	2,847	2,825
High School	4,039	4,102	4,132	4,240	4,274
Special Education	29	29	29	29	29
Total	12,597	12,518	12,387	12,260	12,217

Difference

Level	FY21 2020-21	FY22 2021-22	FY23 2022-23	FY24 2023-24	FY25 2024-25
Elementary	11	71	140	239	260
Middle	-1	-3	1	8	22
High School	-11	-13	-15	-16	-20
Special Education	0	0	0	0	0
Total	-1	55	126	231	262

Kindergarten Only

Newton's Projections

Level	FY21 2020-21	FY22 2021-22	FY23 2022-23	FY24 2023-24	FY25 2024-25
Kindergarten	837	822	813	806	794

NESDEC's Projections*

Level	FY21 2020-21	FY22 2021-22	FY23 2022-23	FY24 2023-24	FY25 2024-25
Kindergarten	843	769	760	722	784

Difference

Level	FY21 2020-21	FY22 2021-22	FY23 2022-23	FY24 2023-24	FY25 2024-25
Kindergarten	-6	53	53	84	10

*Note: All non-resident students have been added to NESDEC's projections.

APPENDIX E
TABLE 12
Elementary Students by District with Buffer Zones
October 2019

Elementary District	School Attending	K	1	2	3	4	5	Total	Total Students in District including Out-of-Assigned District Students	2019-20 % of District	2019-20 % of Total Students	2018-19 Number of Students	2017-18 Number of Students	2016-17 Number of Students
Buffer Zones														
ANGIER-WILLIAMS (Student Assignment Change 2015-16) (Zone Boundary Change)	Angier	1	7	1	1	1	0	0	10			9	3	2
	Williams	2	3	3	2	5	3	18		36%	0%	22	23	27
	Subtotal	3	10	4	3	5	3	28	28	100%	1%	31	26	29
ANGIER-ZERVAS (Student Assignment Change 2015-16) (New Zone)	Angier	6	7	1	7	8	9	38		59%	1%	32	28	31
	Zervas	12	6	1	2	2	3	26		41%	0%	18	11	9
	Subtotal	18	13	2	9	10	12	64	71	100%	1%	50	39	40
BOWEN-COUNTRYSIDE	Bowen	1	3	3	3	0	7	17		40%	0%	17	19	19
	Countryside	4	5	4	2	6	5	26		60%	0%	29	29	38
	Subtotal	5	8	7	5	6	12	43	47	100%	1%	46	48	57
BOWEN-MASON-RICE (Zone Boundary Change 2016-17)	Bowen	9	9	11	5	9	11	54		50%	1%	60	53	38
	Mason-Rice	7	7	9	7	11	14	55		50%	1%	66	78	11
	Subtotal	16	16	20	12	20	25	109	116	100%	2%	126	131	49
BOWEN-MEMORIAL-SPAULDING (Expanded in 2016-17)	Bowen	2	10	4	5	9	7	37		43%	1%	47	41	48
	Memorial-Spauldng	9	10	8	10	8	4	49		57%	1%	45	34	6
	Subtotal	11	20	12	15	17	11	86	89	100%	2%	92	75	54
BOWEN-WARD	Bowen	1	1	0	1	5	1	9		60%	0%	15	18	21
	Ward	1	2	2	1	0	0	6		40%	0%	6	4	3
	Subtotal	2	3	2	2	5	1	15	15	100%	0%	21	22	24
BURR-FRANKLIN (Zone Boundary Change 2018-19)	Burr	6	2	4	4	1	2	19		20%	0%	18	30	25
	Franklin	11	15	6	18	12	16	78		80%	1%	90	97	19
	Subtotal	17	17	10	22	13	18	97	104	100%	2%	108	127	44
BURR-WILLIAMS (Student Assignment Change 2018-19) (Zone Reinstated)	Burr	0	1	1	2	1	3	8		14%	0%			
	Williams	8	5	14	5	10	9	51		86%	1%			
	Subtotal	8	6	15	7	11	12	59	61	100%	1%			
CABOT-HORACE MANN (Zone Boundary Change 2018-19)	Cabot	1	0	0	0	1	0	2		29%	0%	2	5	3
	Horace Mann	0	0	1	1	3	0	5		71%	0%	7	14	14
	Subtotal	1	0	1	1	4	0	7	7	100%	0%	9	19	17
CABOT-UNDERWOOD (New Zone 2018-19)	Cabot	0	1	0	0	0	0	1		9%	0%	1		
	Underwood	2	0	0	2	2	4	10		91%	0%	8		
	Subtotal	2	1	0	2	2	4	11	11	100%	0%	9		
COUNTRYSIDE-MEMORIAL-SPAULDING	Countryside	3	0	2	1	0	1	7		19%	0%	2	2	1
	Memorial-Spauldng	1	5	9	3	9	3	30		81%	1%	29	19	27
	Subtotal	4	5	11	4	9	4	37	38	100%	1%	31	21	28
COUNTRYSIDE-ZERVAS (Student Assignment Change 2015-16) (Zone Boundary Change)	Countryside	3	2	6	5	3	5	24		60%	0%	22	27	29
	Zervas	2	3	4	4	2	1	16		40%	0%	20	25	9
	Subtotal	5	5	10	9	5	6	40	43	100%	1%	42	52	38

APPENDIX E
TABLE 12
Elementary Students by District with Buffer Zones
October 2019

Elementary District	School Attending	K	1	2	3	4	5	Total	Total Students in District including Out-of-Assigned District Students	2019-20 % of District	2019-20 % of Total Students	2018-19 Number of Students	2017-18 Number of Students	2016-17 Number of Students
FRANKLIN-HORACE MANN (Zone Boundary Change 2018-19)	Franklin	6	8	5	13	14	14	60		57%	1%	60	102	21
	Horace Mann	12	9	9	5	7	3	45		43%	1%	33	44	32
	<i>Subtotal</i>	18	17	14	18	21	17	105	105	100%	2%	93	146	53
HORACE MANN-LINCOLN-ELIOT (Zone Boundary Change 2018-19)	Horace Mann	3	1	1	0	0	1	6		50%	0%	1	11	19
	Lincoln-Eliot	2	0	1	3	0	0	6		50%	0%	2	20	18
	<i>Subtotal</i>	5	1	2	3	0	1	12	12	100%	0%	3	31	37
MASON-RICE-WARD	Mason-Rice	1	2	1	3	7	4	18		58%	0%	22	27	36
	Ward	1	3	1	2	2	4	13		42%	0%	20	17	12
	<i>Subtotal</i>	2	5	2	5	9	8	31	33	100%	1%	42	44	48
PEIRCE-WILLIAMS	Peirce	11	11	9	7	12	10	60		78%	1%	70	74	80
	Williams	2	2	5	0	5	3	17		22%	0%	15	18	19
	<i>Subtotal</i>	13	13	14	7	17	13	77	79	100%	1%	85	92	99
UNDERWOOD-WARD (Expanded in 2016-17)	Underwood	7	7	6	2	2	4	28		68%	1%	30	30	4
	Ward	1	1	1	4	2	4	13		32%	0%	17	16	0
	<i>Subtotal</i>	8	8	7	6	4	8	41	44	100%	1%	47	46	4
Total Buffer Zones		138	148	133	130	158	155	862	903	100%	16%	835	919	621
Regular Districts	Angier	58	61	59	78	62	69	387	405	9%	7%	383	354	310
	Bowen	38	34	48	43	32	33	228	238	6%	4%	223	242	220
	Burr	54	50	65	36	51	59	315	339	8%	6%	329	323	332
CABOT	Cabot	57	55	49	51	57	60	329	379	8%	6%	330	337	364
	Countryside	39	56	49	58	48	59	309	337	8%	6%	302	293	294
	Franklin	46	33	43	35	26	38	221	241	5%	4%	211	214	378
HORACE MANN	Horace Mann	38	46	35	54	48	47	268	328	7%	5%	261	301	310
	Lincoln-Eliot	49	61	58	48	40	51	307	342	7%	6%	304	317	298
	Mason-Rice	47	42	50	55	57	47	298	304	7%	6%	310	305	344
MEMORIAL-SPAULDING	Memorial-Spauld	36	46	59	64	67	82	354	364	9%	7%	361	370	390
	Peirce	26	36	32	26	27	35	182	212	4%	3%	164	169	180
	Underwood	31	31	26	38	33	49	208	216	5%	4%	223	221	268
WARD	Ward	27	32	28	35	41	42	205	209	5%	4%	236	257	271
	Williams	26	29	20	30	27	18	150	161	4%	3%	216	212	203
	Zervas	58	57	49	64	48	58	334	401	8%	6%	327	308	272
Total Regular Districts		630	669	670	715	664	747	4,095	4,476	100%	76%	4,180	4,223	4,434
Out-of-Assigned District Students		32	47	70	79	86	108	422		8%		502	401	480
Total Students		800	864	873	924	908	1,010	5,379	5,379	100%		5,517	5,543	5,535

NOTES:

- 1.) The figures in this table are based on preliminary enrollments and are derived from resident students only.
- 2.) The figures in this table do not include students attending private schools.

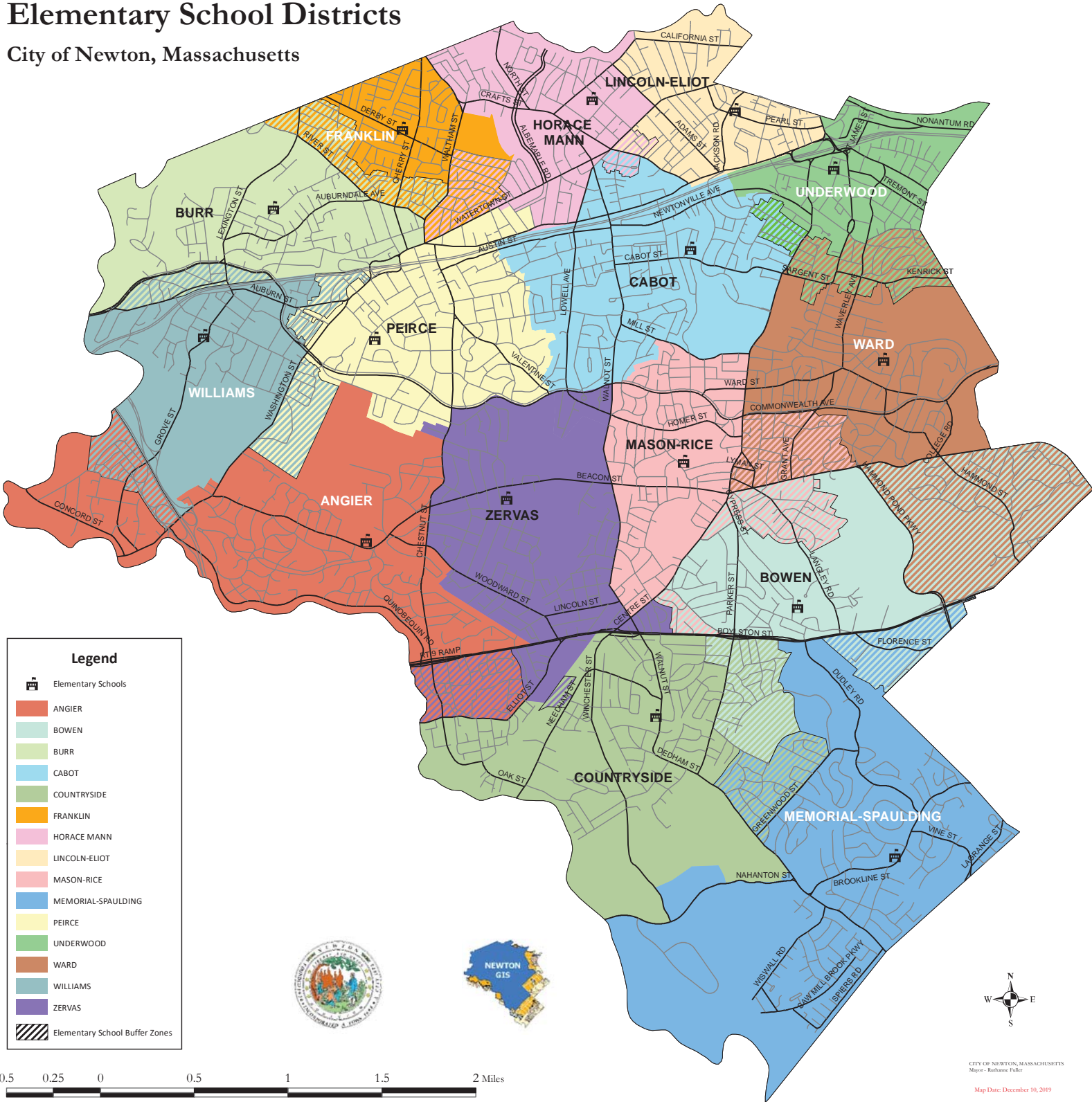
APPENDIX E
TABLE 13

Total Enrollment by High School Feeder Patterns

School:	Feeds Into:	Newton North Feeding Schools						Newton South Feeding Schools					
		2019	2020	2021	2022	2023	2024	2019	2020	2021	2022	2023	2024
Lincoln-Eliot	Bigelow	362	359	356	348	334	318						
Underwood	Bigelow	269	248	247	241	242	240						
Ward	Bigelow	255	239	228	218	221	216						
Burr	Day	366	355	358	371	361	363						
Cabot	Day	393	407	423	448	466	475						
Franklin	Day	413	391	390	365	357	355						
Horace Mann	Day	391	389	378	368	369	365						
Peirce	Day	284	281	290	298	302	301						
Angier	Brown							502	490	498	488	493	482
Countryside	Brown							413	393	387	375	379	382
Mason-Rice	Brown	89	85	80	77	77	77	357	340	320	310	306	307
Williams	Brown							261	265	249	249	239	237
Bowen	Oak Hill							372	371	361	356	346	342
Memorial-Spaulding	Oak Hill							465	442	421	399	375	366
Zervas	Oak Hill							434	458	485	494	516	523
Total Elementary		2,822	2,754	2,750	2,734	2,729	2,710	2,804	2,759	2,721	2,671	2,654	2,639
Bigelow	North	494	524	495	492	453	462						
Day	North	999	999	968	934	893	890						
Brown	North (4%); South (96%)	101	108	107	108	104	102	677	721	719	723	694	683
Oak Hill	South							632	674	695	705	711	710
Total Middle School		1,594	1,631	1,570	1,534	1,450	1,454	1,309	1,395	1,414	1,428	1,405	1,393
Newton North		2,099	2,106	2,153	2,143	2,194	2,140	1,983	1,951	1,965	2,003	2,059	2,143
Newton South													
Total All Grade Levels		6,515	6,491	6,473	6,411	6,373	6,304	6,096	6,105	6,100	6,102	6,118	6,175
Change from Prior Year			-24	-18	-62	-38	-69		9	-5	2	16	57
% Change			-0.4%	-0.3%	-1.0%	-0.6%	-1.1%		0.1%	-0.1%	0.0%	0.3%	0.9%
Difference between North and South		116	155	188	140	135	-3						

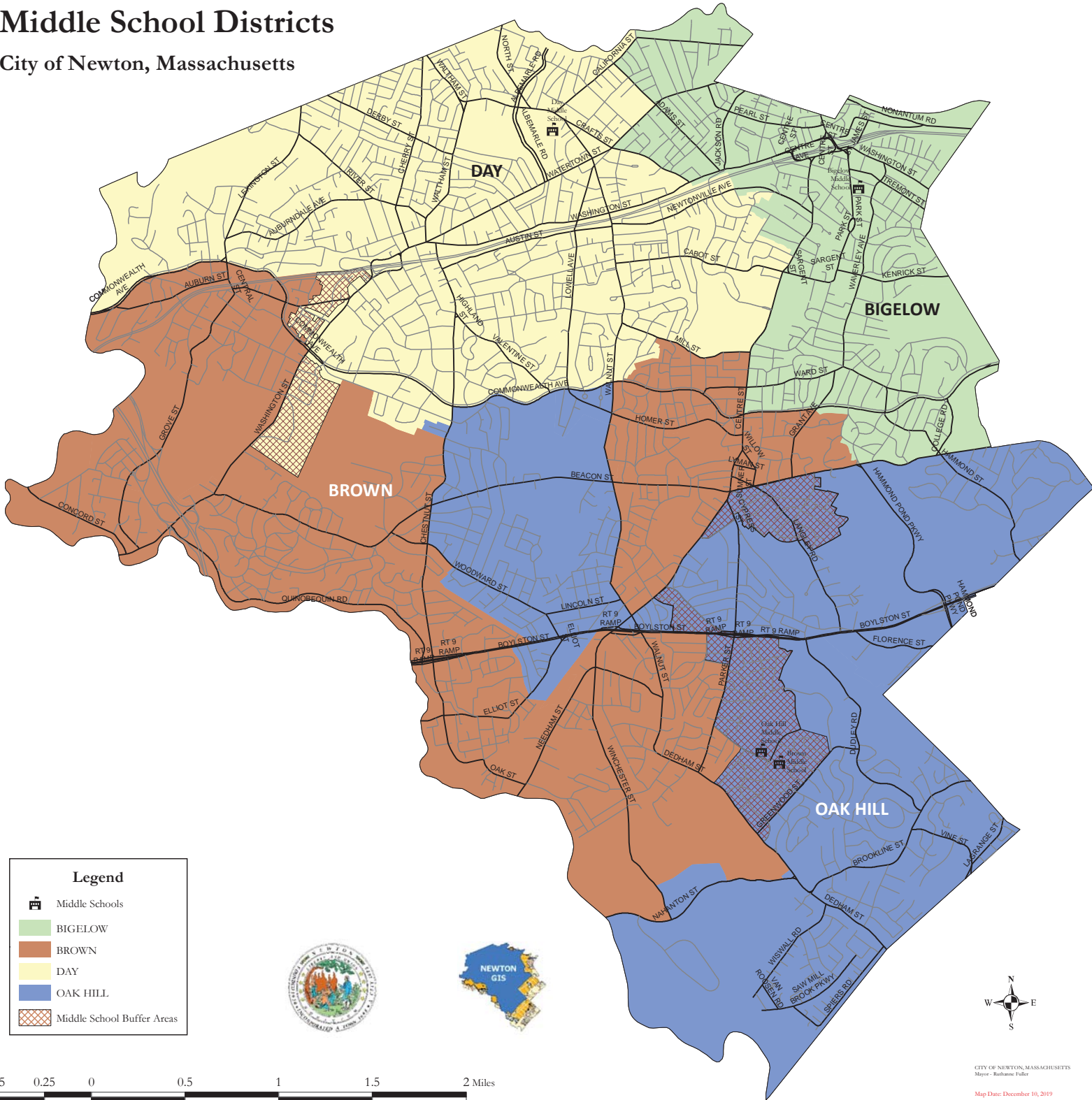
Elementary School Districts

City of Newton, Massachusetts



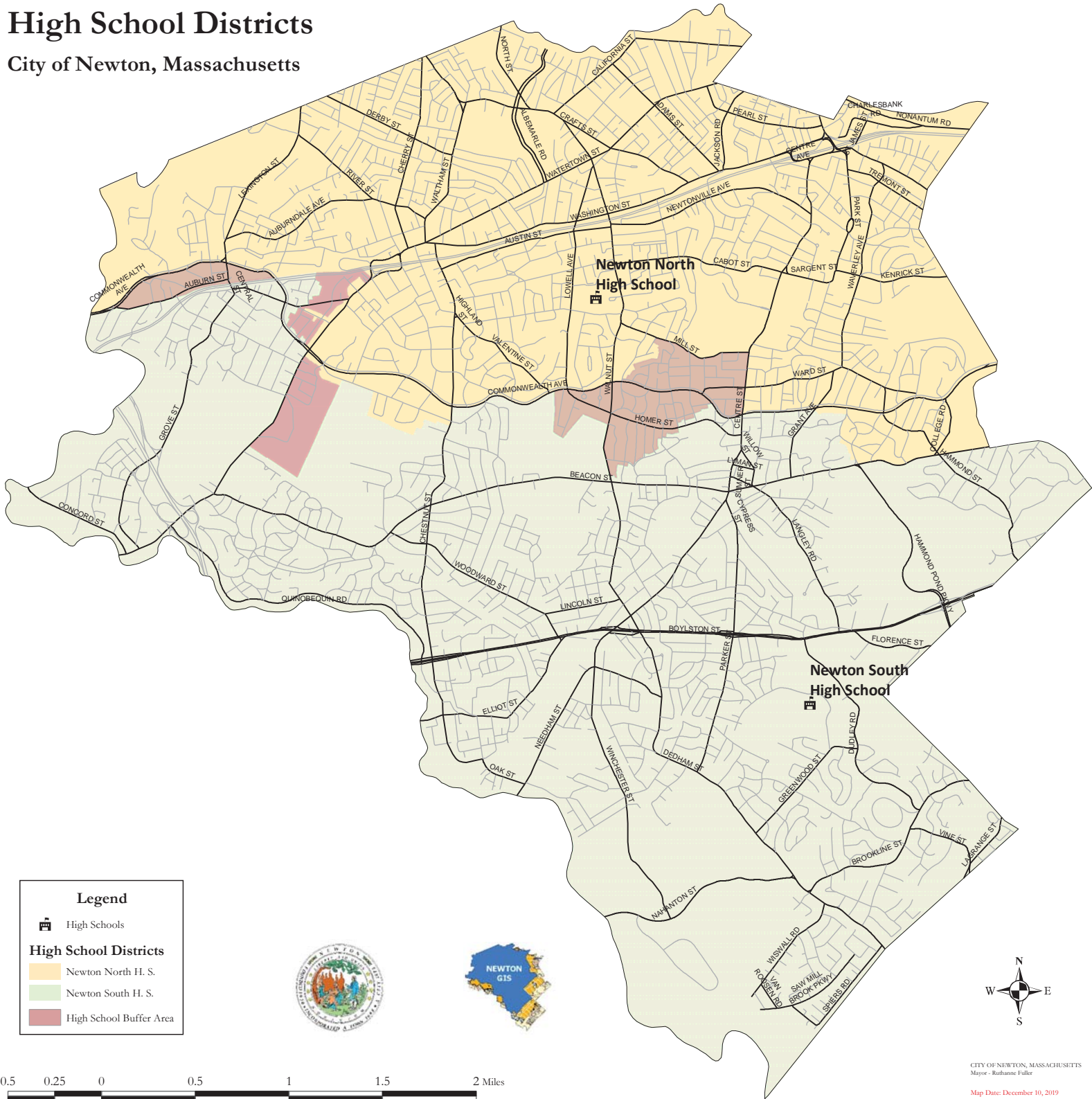
Middle School Districts

City of Newton, Massachusetts



High School Districts

City of Newton, Massachusetts



Proposed Residential Development Projections

Frequently Asked Questions

1. Why do we need to know how many students may reside in proposed residential developments in future years?

Enrollment projections for proposed residential developments are useful for decision-making and planning, especially in light of proposed residential development growth in Newton. Carefully crafted, presented and interpreted projections are a key first step in the planning process. The district is then able to plan the budgets, including capital improvements, classroom space requirements, sufficient teacher workforce and staffing, instructional materials, and transportation, among other things. Accurate projections alert the district to changes in school population to allow for needed adjustments.

2. How complex are the projection methods?

Similar to our enrollment projection procedures, our proposed residential development projections are somewhat complex, but, like most statistical methods, they can be explained and replicated. Our methodology is explained in more detail later in this section. All projections in this analysis, including the proposed residential development projections, are based on underlying assumptions that use historical school enrollment to capture trends and patterns specific to Newton.

3. Which proposed residential developments are included?

Historically, we have only included permitted residential developments in our projections; developments that were not permitted were not included, as it is possible that the permit process may encounter challenges. We have always consulted with the Planning Department at the City of Newton to discuss all permitted and potential residential developments to ensure we are including the most updated information in projections. Beginning in 2019, we are including all residential developments that have received a special permit or a building permit in our projections.

4. What methodology is utilized in Newton?

Student generation ratios (or SGRs) are utilized in Newton to project the number of students that will reside in a proposed residential development. An SGR is a ratio that estimates the number of students arising from one unit within a development. SGRs can be utilized to estimate the number of students in different ways; for example, an average development SGR can estimate the number of students from an entire development, or a specific unit-type SGR can estimate the number of students from a particular unit-type (i.e., an SGR for one bedroom units can estimate the number of students that will reside in one bedroom units in a development).

Prior to November 2018, we utilized the SGRs by unit type that occurred historically at the three largest residential developments in Newton at that time (Avalon Newton Highlands, Avalon at Chestnut Hill, and Arborpoint at Woodland Station). In November

2018, we utilized a new interim methodology due to the increase in proposed residential developments in Newton. This interim methodology was evaluated in 2019 and revised for this report, as described below.

Our current methodology utilizes three different methods of estimating SGRs for proposed residential developments, and then averages the student estimates from these three methods for our final student estimate. We use three different methods of estimating SGRs because each method has benefits and potential issues; the inclusion of the three methods helps mitigate the potential issues associated with each method. It is important to note that these are **estimates**, in the same way that our enrollment projections are estimates. Many factors go into a family's decision to reside in a development in Newton; however, the estimates that we are providing in this analysis incorporate Newton's history of enrollment from residential developments. The three different methods are described below.

Method 1: This method is similar to the method utilized prior to November 2018. Method 1 uses the average SGR by unit type observed at the three large developments to date in Newton (Avalon Newton Highlands, Avalon at Chestnut Hill, and Arborpoint at Woodland Station). These average SGRs by unit type are multiplied by the number of units for that unit type in the proposed development to estimate the number of students who will reside in those units. For example, the average SGR for market rate 2 bedrooms at the three large developments (0.214) is multiplied by the number of market rate 2 bedrooms in the proposed development; this yields the estimate for the number of students who will reside in market rate 2 bedrooms in that development. The benefit of this method is that it provides differentiated SGRs by market rate and affordable units. A potential issue with this method is that it only utilizes the history of three large developments in Newton. The average SGR by unit type used in method 1 is displayed below (the average of the 3 largest is utilized for method 1; the SGRs for each individual development included in this average are included for reference).

SGR by Bedroom	Differentiated by Market and Affordable Rate Units							
	Studio	1BR-M	2BR-M	3BR-M	Stu-A	1BR-A	2BR-A	3BR-A
Avg. 3 Largest	0.000	0.000	0.214	0.800	0.000	0.000	1.018	2.792
Avalon NH	0.000	0.000	0.192	0.740	0.000	0.000	0.914	2.579
Avalon CH	0.000	0.000	0.193	0.731	0.000	0.000	0.922	2.548
Arborpoint	0.000	0.000	0.258	0.929	0.000	0.000	1.219	3.250

Method 2: This method utilizes data from all occupied apartment buildings in Newton with fifteen or more units that are classified as apartments or mixed use by the Newton Assessor's Office (buildings classified as tax exempt or congregate housing are not included). Apartments or mixed use buildings that have had very few students residing in them in the past five years are also not included (we exclude existing buildings with an actual average five-year SGR of less than 0.1 in our calculations for method 2, although they are displayed in Tables 15 and 16 for reference). The average number of students residing in the buildings that meet these criteria over the past five years is utilized to estimate an overall development SGR for proposed developments. To do this, the actual SGR for each occupied building (using five-year averages of both public school students and private school students who reside in the building and the number of units in the building) and the average number of bedrooms for each occupied

building is calculated. We average these actual SGRs and the average number of bedrooms for all occupied buildings. Then, we calculate the average SGR per 1 bedroom for all occupied buildings (this is the average SGR for all occupied buildings divided by the average number of bedrooms for all occupied buildings); we call this result the multiplier. For new residential developments, we then multiply the average number of bedrooms for the new development by the multiplier. This yields an estimated overall SGR for the new residential development based on prior experience in Newton's apartment buildings. This estimated SGR is then multiplied by number of each unit type to estimate the number of students who will reside in those units. The benefit of this method is that it incorporates the history of all existing buildings in Newton that meet our criteria. It can also be used when the distribution of bedroom types for a development is not yet known. A potential issue with this method is that it does not differentiate by unit type (bedroom count or market rate versus affordable). The average number of bedrooms, average SGR, and the multiplier utilized for method 2 in the 2019 calculations are displayed below.

All Occupied buildings	
Average # of bedrooms	1.6656
Average SGR	0.3118
Multiplier	0.1872

Please note that the unit mix by market rate and affordable is not available for all existing buildings. For buildings where this breakdown is not available, all units are assumed to be market rate.

Method 3: This method utilizes the estimated overall SGR for a proposed development from method 2 and weights it by unit type (based on bedroom count). The weights that are used come from an external consultant's analysis of the American Community Survey PUMS data (Public Use Microdata Sample) in Newton. The PUMS data provides information about individuals and housing types in Newton; the weights indicate the patterns of students residing in different unit types in Newton. These weights indicate that a larger portion of students reside in 2 bedroom units as compared to studios, 1 bedroom, or 3 or more bedrooms. The weighted estimated SGR by unit type (based on bedroom count) is then multiplied by the number of each unit type in the development to estimate the number of students who will reside in those units. The benefit of this method is that it incorporates the history of all existing buildings in Newton that meet our criteria and it differentiates by the unit type (based on bedroom count). A potential issue with this method is that it does not differentiate between market rate and affordable units. The weights that are utilized in method 3 are displayed below.

Weighting by Unit Type (based on PUMS data)								
Building size	Studio	1BR-M	2BR-M	3BR-M	Stu-A	1BR-A	2BR-A	3BR-A
5-9 Units	25%	16%	180%	138%	25%	16%	180%	138%
10-19 Units	23%	16%	192%	116%	23%	16%	192%	116%
20+ Units	29%	17%	203%	90%	29%	17%	203%	90%

Final Calculations:

Once the three estimates are calculated from methods 1, 2, and 3, they are averaged to come up with the estimated total number of students from the development. Then, we deduct 12% for private school. Historically, students living in occupied developments in Newton have attended private school. We utilize a deduction of 12% to be conservative; the percentage of students living in occupied developments and attending private school as of November 2019 is 16%. This yields the overall estimate for the development.

Then, that estimate is divided between elementary, middle, and high school, as students living in occupied developments span all grade levels. For most developments, we allocate 50% of the estimated students to elementary schools, 25% of the estimated students to middle schools, and 25% of the estimated student to high schools. However, for developments that are half a mile or less to an elementary school, we use the following breakdown: 65% to elementary schools, 15% to middle schools, and 20% to middle schools. This is due to our experience with developments that are half a mile or less to elementary schools, where we have seen a higher percentage of the students from those developments at the elementary level.

The estimated students at each grade level (elementary, middle, and high) are then added into the projections for the districted school(s) over five years. This is done based on experience; students at new developments do not all move in immediately. Similarly, some developments phase in occupancy (i.e., once one building is completed, those units are available for rent while work on other buildings continues).

The tables that follow detail the calculations for the methodology described above and also indicate the phase in and phase dates for new developments.

5. How accurate are projections?

Table 16 displays the number of public school students residing in each occupied building that meets the criteria described in question 4 (method 2), as well as the developments that are being phased in (2019 or earlier). The numbers of students in each development are averaged over the past five years (or the most recent years available for newer developments) and this average enrollment is compared to the estimate of students using our methodology. We utilized our methodology to estimate the number of students from occupied developments, as well as new developments, to obtain a measure of accuracy for our methodology. For all occupied developments, we are enrolled at 96% of our development projections (434 students out of 454 projected). On average, our methodology is conservative and projects a larger number of students than actually reside in occupied developments. There is variation across developments as displayed in Table 16. Table 16 also provides the difference in actual enrollment compared to estimated enrollment as a percentage of the total school enrollment to provide an understanding of how these differences affect each districted school. As shown in Table 16, these differences are small as a percentage of overall school population, especially in schools where our methodology underestimated student enrollment.

6. How often are the projections revised?

As mentioned previously, these projections are **estimates** and should be interpreted as such. Our methodology utilizes our past history with residential developments in the same way that our overall enrollment methodology utilizes our past history. Because we utilize our past history to make these estimates, we revise our projections for residential development enrollment yearly as new enrollment information becomes available. This allows us to capture shifts in trends of families residing in these developments; if we did not revise our projections, any changes in the way in which families are choosing to reside in residential developments would not be captured in our estimates. Because we use each new year of history in our estimates, the projections shift from year to year as well. This allows us to utilize the most current information for planning purposes in the same way that we use the most current information for planning purposes in overall enrollment projections.

**Estimated Enrollment
of Existing and Proposed
Residential Development**

NOV-2019

Development Name (Units ≥15)	First Year/ Year Built	Fully Phased In	Oct-19 Project Status	Total # Added to Projections	# Units by Type						Total	Statistics			Total Estimated NPS Students	Actual Avg # NPS Students	Actual to Estimated Difference	
					Studio	1BR-M	2BR-M	3BR-M	St-A	1BR-A		2BR-A	3BR-A	Avg SGR (NPS)				% Affordable
Ablemarle Gardens~																		
1980																		
Occupied																		
N/A																		
# Units	0	24	0	0	0	0	0	0	0	0	0	0	24					
# Students Projected Method 1	0	0	0	0	0	0	0	0	0	0	0	0	0					
# Students Projected Method 2	0	4	0	0	0	0	0	0	0	0	0	0	4					
# Students Projected Method 3	0	1	0	0	0	0	0	0	0	0	0	0	1					
Total # Students - Average of 3 Methods	0	2	0	0	0	0	0	0	0	0	0	0	2			0	-2	
Less: Private School (12%)	0	0	0	0	0	0	0	0	0	0	0	0	0					
Total impact on districted schools	0	2	0	0	0	0	0	0	0	0	0	0	2					
175 Adams Street																		
1976																		
Occupied																		
N/A																		
# Units	1	22	8	0	0	0	0	0	0	0	0	0	31					
# Students Projected Method 1	0	0	2	0	0	0	0	0	0	0	0	0	2					
# Students Projected Method 2	0	5	2	0	0	0	0	0	0	0	0	0	7					
# Students Projected Method 3	0	1	4	0	0	0	0	0	0	0	0	0	5					
Total # Students - Average of 3 Methods	0	2	2	0	0	0	0	0	0	0	0	0	4			6	2	
Less: Private School (12%)	0	0	0	0	0	0	0	0	0	0	0	0	0					
Total impact on districted schools	0	2	2	0	0	0	0	0	0	0	0	0	4					
Avalon at Newton Highlands																		
2000																		
Occupied																		
N/A																		
# Units	0	72	104	45	0	24	34	15	294									
# Students Projected Method 1	0	0	22	36	0	0	35	42	135									
# Students Projected Method 2	0	25	37	16	0	8	12	5	103									
# Students Projected Method 3	0	4	74	14	0	1	24	5	122									
Total # Students - Average of 3 Methods	0	10	44	22	0	3	24	17	120							102	-4	
Less: Private School (12%)	0	-1	-5	-3	0	0	-3	-2	-14									
Total impact on districted schools	0	9	39	19	0	3	21	15	106									
Avalon at Chestnut Hill																		
2002																		
Occupied																		
N/A																		
# Units	5	27	93	37	0	8	25	9	204									
# Students Projected Method 1	0	0	20	30	0	0	25	25	100									
# Students Projected Method 2	2	10	35	14	0	3	9	3	76									
# Students Projected Method 3	1	2	71	12	0	1	19	3	109									
Total # Students - Average of 3 Methods	1	4	42	19	0	1	18	10	95							73	-12	
Less: Private School (12%)	0	0	-5	-2	0	0	-2	-1	-10									
Total impact on districted schools	1	4	37	17	0	1	16	9	85									
Arborpoint Woodland Station																		
2004																		
Occupied																		
N/A																		
# Units	0	60	77	7	0	15	19	2	180									
# Students Projected Method 1	0	0	17	6	0	0	19	6	48									
# Students Projected Method 2	0	18	24	2	0	5	6	1	56									
# Students Projected Method 3	0	3	48	2	0	1	12	1	67									
Total # Students - Average of 3 Methods	0	7	30	3	0	2	12	3	57							49	-2	
Less: Private School (12%)	0	-1	-4	0	0	0	-1	0	-6									
Total impact on districted schools	0	6	26	3	0	2	11	3	51									

**Estimated Enrollment
of Existing and Proposed
Residential Development**

Development Name (Units ≥15)		First Year/ Year Built	Fully Phased In	Oct-19 Project Status	Total # Added to Projections	# Units by Type						Total			Statistics			Total Estimated NPS Students	Actual Avg # NPS Students	Actual to Estimated Difference
						Studio	1BR-M	2BR-M	3BR-M	St-A	1BR-A	2BR-A	3BR-A		Avg SGR (NPS)	% Affordable	Avg # BRs			
77 Beaconwood Road~																				
# Units		1986		Occupied	N/A	0	18	3	0	0	0	0	0	21						
# Students Projected Method 1						0	0	1	0	0	0	0	0	1						
# Students Projected Method 2						0	4	1	0	0	0	0	0	5						
# Students Projected Method 3						0	1	1	0	0	0	0	0	2						
Total # Students - Average of 3 Methods						0	2	1	0	0	0	0	0	3		0.000	0%	1.14	0	-3
Less: Private School (12%)						0	0	0	0	0	0	0	0	0						
Total impact on districted schools						0	2	1	0	0	0	0	0	3						
457 Centre Street~																				
# Units		1958		Occupied	N/A	2	18	5	0	0	0	0	0	25						
# Students Projected Method 1						0	0	1	0	0	0	0	0	1						
# Students Projected Method 2						0	4	1	0	0	0	0	0	5						
# Students Projected Method 3						0	1	2	0	0	0	0	0	3		0.040	0%	1.12	1	-1
Total # Students - Average of 3 Methods						0	1	1	0	0	0	0	0	2						
Less: Private School (12%)						0	0	0	0	0	0	0	0	0						
Total impact on districted schools						0	1	1	0	0	0	0	0	2						
5 Charlesbank Road																				
# Units		1948		Occupied	N/A	0	1	18	0	0	0	0	0	19						
# Students Projected Method 1						0	0	4	0	0	0	0	0	4						
# Students Projected Method 2						0	0	7	0	0	0	0	0	7						
# Students Projected Method 3						0	0	13	0	0	0	0	0	13		0.421	0%	1.95	8	1
Total # Students - Average of 3 Methods						0	0	8	0	0	0	0	0	8						
Less: Private School (12%)						0	0	-1	0	0	0	0	0	-1						
Total impact on districted schools						0	0	7	0	0	0	0	0	7						
The Chestnut Hill Apartments~																				
# Units		1880		Occupied	N/A	3	22	3	1	0	0	0	0	29						
# Students Projected Method 1						0	0	1	1	0	0	0	0	2						
# Students Projected Method 2						1	4	1	0	0	0	0	0	6						
# Students Projected Method 3						0	1	1	0	0	0	0	0	2		0.000	0%	1.07	0	-3
Total # Students - Average of 3 Methods						0	2	1	0	0	0	0	0	3						
Less: Private School (12%)						0	0	0	0	0	0	0	0	0						
Total impact on districted schools						0	2	1	0	0	0	0	0	3						
2300 Commonwealth																				
# Units		1975		Occupied	N/A	0	6	48	0	0	0	0	0	54						
# Students Projected Method 1						0	0	10	0	0	0	0	0	10						
# Students Projected Method 2						0	2	17	0	0	0	0	0	19						
# Students Projected Method 3						0	0	34	0	0	0	0	0	34		0.611	0%	1.89	33	14
Total # Students - Average of 3 Methods						0	1	20	0	0	0	0	0	21						
Less: Private School (12%)						0	0	-2	0	0	0	0	0	-2						
Total impact on districted schools						0	1	18	0	0	0	0	0	19						

**Estimated Enrollment
of Existing and Proposed
Residential Development**

NOV-2019

Development Name (Units ≥15)	First Year/ Year Built	Fully Phased In	Oct-19 Project Status	Total # Added to Projections	# Units by Type						Total	Statistics			Total Estimated NPS Students	Actual Avg # NPS Students	Actual to Estimated Difference	
					Studio	1BR-M	2BR-M	3BR-M	St-A	1BR-A		2BR-A	3BR-A	Avg SGR (NPS)				% Affordable
2340 Commonwealth																		
Occupied																		
N/A																		
# Units	1970				0	24	32	0	0	0	0	0	56					
# Students Projected Method 1					0	0	7	0	0	0	0	0	7					
# Students Projected Method 2					0	7	9	0	0	0	0	0	16					
# Students Projected Method 3					0	1	19	0	0	0	0	0	20					
Total # Students - Average of 3 Methods					0	3	12	0	0	0	0	0	15	0.482	0%	1.57	13	
Less: Private School (12%)					0	0	-1	0	0	0	0	0	-1					
Total impact on districted schools					0	3	11	0	0	0	0	0	14					
Concord Street Apartments																		
Occupied																		
N/A																		
# Units	1974				2	12	16	0	0	0	0	0	30					
# Students Projected Method 1					0	0	3	0	0	0	0	0	3					
# Students Projected Method 2					1	3	4	0	0	0	0	0	8					
# Students Projected Method 3					0	1	9	0	0	0	0	0	10	0.100	0%	1.47	3	
Total # Students - Average of 3 Methods					0	1	6	0	0	0	0	0	7				-3	
Less: Private School (12%)					0	0	-1	0	0	0	0	0	-1					
Total impact on districted schools					0	1	5	0	0	0	0	0	6					
Curtis Arms Apartments																		
Occupied																		
N/A																		
# Units	1969				0	0	44	0	0	0	0	0	44					
# Students Projected Method 1					0	0	9	0	0	0	0	0	9					
# Students Projected Method 2					0	0	16	0	0	0	0	0	16					
# Students Projected Method 3					0	0	33	0	0	0	0	0	33	0.477	0%	2.00	3	
Total # Students - Average of 3 Methods					0	0	20	0	0	0	0	0	20					
Less: Private School (12%)					0	0	-2	0	0	0	0	0	-2					
Total impact on districted schools					0	0	18	0	0	0	0	0	18					
Farwell Street Apartments																		
Occupied																		
N/A																		
# Units	1983				0	0	23	0	0	0	0	0	23					
# Students Projected Method 1					0	0	5	0	0	0	0	0	5					
# Students Projected Method 2					0	0	9	0	0	0	0	0	9					
# Students Projected Method 3					0	0	17	0	0	0	0	0	17	0.435	0%	2.00	1	
Total # Students - Average of 3 Methods					0	0	10	0	0	0	0	0	10					
Less: Private School (12%)					0	0	-1	0	0	0	0	0	-1					
Total impact on districted schools					0	0	9	0	0	0	0	0	9					
Florence Park Apartments																		
Occupied																		
N/A																		
# Units	1995				1	14	4	0	0	0	0	0	19					
# Students Projected Method 1					0	0	1	0	0	0	0	0	1					
# Students Projected Method 2					0	3	1	0	0	0	0	0	4					
# Students Projected Method 3					0	0	2	0	0	0	0	0	2	0.211	0%	1.16	2	
Total # Students - Average of 3 Methods					0	1	1	0	0	0	0	0	2				4	
Less: Private School (12%)					0	0	0	0	0	0	0	0	0					
Total impact on districted schools					0	1	1	0	0	0	0	0	2				2	

**Estimated Enrollment
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Development Name (Units ≥15)		First Year/ Year Built	Fully Phased In	Oct-19 Project Status	Total # Added to Projections	# Units by Type						Statistics			Total Estimated NPS Students	Actual Avg # NPS Students	Actual to Estimated Difference
						Studio	1BR-M	2BR-M	3BR-M	St-A	1BR-A	2BR-A	3BR-A	Avg SGR (NPS)			
Grove Street, 264-290																	
1975 Occupied N/A																	
# Units		16	30	80	0	0	0	0	0	0	0	0	126				
# Students Projected Method 1		0	0	17	0	0	0	0	0	0	0	0	17				
# Students Projected Method 2		5	8	23	0	0	0	0	0	0	0	0	36				
# Students Projected Method 3		1	1	46	0	0	0	0	0	0	0	0	48				
Total # Students - Average of 3 Methods		2	3	29	0	0	0	0	0	0	0	0	34	0.341	0%	1.51	43
Less: Private School (12%)		0	0	-3	0	0	0	0	0	0	0	0	-3				12
Total impact on districted schools		2	3	26	0	0	0	0	0	0	0	0	31				
17 Herrick Road--																	
1930 Occupied N/A																	
# Units		0	15	5	6	0	0	0	0	0	0	0	26				
# Students Projected Method 1		0	0	1	5	0	0	0	0	0	0	0	6				
# Students Projected Method 2		0	5	2	2	0	0	0	0	0	0	0	9				
# Students Projected Method 3		0	1	3	2	0	0	0	0	0	0	0	6				
Total # Students - Average of 3 Methods		0	2	2	3	0	0	0	0	0	0	0	7	0.038	0%	1.65	1
Less: Private School (12%)		0	0	0	0	0	0	0	0	0	0	0	0				-6
Total impact on districted schools		0	2	2	3	0	0	0	0	0	0	0	7				
392-396 Langley																	
1970 Occupied N/A																	
# Units		2	13	15	0	0	0	0	0	0	0	0	30				
# Students Projected Method 1		0	0	3	0	0	0	0	0	0	0	0	3				
# Students Projected Method 2		1	3	4	0	0	0	0	0	0	0	0	8				
# Students Projected Method 3		0	1	8	0	0	0	0	0	0	0	0	9				
Total # Students - Average of 3 Methods		0	1	5	0	0	0	0	0	0	0	0	6	0.333	0%	1.43	10
Less: Private School (12%)		0	0	-1	0	0	0	0	0	0	0	0	-1				5
Total impact on districted schools		0	1	4	0	0	0	0	0	0	0	0	5				
402-404 Langley																	
1986 Occupied N/A																	
# Units		0	1	15	0	0	0	0	0	0	0	0	16				
# Students Projected Method 1		0	0	3	0	0	0	0	0	0	0	0	3				
# Students Projected Method 2		0	0	5	0	0	0	0	0	0	0	0	5				
# Students Projected Method 3		0	0	10	0	0	0	0	0	0	0	0	10				
Total # Students - Average of 3 Methods		0	0	6	0	0	0	0	0	0	0	0	6	0.188	0%	1.94	3
Less: Private School (12%)		0	0	-1	0	0	0	0	0	0	0	0	-1				-2
Total impact on districted schools		0	0	5	0	0	0	0	0	0	0	0	5				
89 Lexington Street																	
1970 Occupied N/A																	
# Units		2	4	12	0	0	0	0	0	0	0	0	18				
# Students Projected Method 1		0	0	3	0	0	0	0	0	0	0	0	3				
# Students Projected Method 2		1	1	3	0	0	0	0	0	0	0	0	5				
# Students Projected Method 3		0	0	7	0	0	0	0	0	0	0	0	7				
Total # Students - Average of 3 Methods		0	0	4	0	0	0	0	0	0	0	0	4	0.111	0%	1.56	2
Less: Private School (12%)		0	0	0	0	0	0	0	0	0	0	0	0				-2
Total impact on districted schools		0	0	4	0	0	0	0	0	0	0	0	4				

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Development Name (Units ≥15)	First Year/ Year Built	Fully Phased In	Oct-19 Project Status	Total # Added to Projections	# Units by Type							Statistics			Total Estimated NPS Students	Actual Avg # NPS Students	Actual to Estimated Difference	
					Studio	1BR-M	2BR-M	3BR-M	St-A	1BR-A	2BR-A	3BR-A	Avg SGR (NPS)	% Affordable				Avg # BRs
145 Lexington Street																		
1990																		
Occupied																		
N/A																		
# Units	0	6	18	0	0	0	0	0	0	0	0	0	24					
# Students Projected Method 1	0	0	4	0	0	0	0	0	0	0	0	0	4					
# Students Projected Method 2	0	2	6	0	0	0	0	0	0	0	0	0	8					
# Students Projected Method 3	0	0	12	0	0	0	0	0	0	0	0	0	12					
Total # Students - Average of 3 Methods	0	1	7	0	0	0	0	0	0	0	0	0	8	0.167	0%	1.75	-3	
Less: Private School (12%)	0	0	-1	0	0	0	0	0	0	0	0	0	-1					
Total impact on districted schools	0	1	6	0	0	0	0	0	0	0	0	0	7					
155 Lexington Street																		
1970																		
Occupied																		
N/A																		
# Units	2	22	28	0	0	0	0	0	0	0	0	0	52					
# Students Projected Method 1	0	0	6	0	0	0	0	0	0	0	0	0	6					
# Students Projected Method 2	1	6	8	0	0	0	0	0	0	0	0	0	15					
# Students Projected Method 3	0	1	16	0	0	0	0	0	0	0	0	0	17					
Total # Students - Average of 3 Methods	0	2	10	0	0	0	0	0	0	0	0	0	12	0.135	0%	1.50	-4	
Less: Private School (12%)	0	0	-1	0	0	0	0	0	0	0	0	0	-1					
Total impact on districted schools	0	2	9	0	0	0	0	0	0	0	0	0	11					
181 Lexington Street~																		
1970																		
Occupied																		
N/A																		
# Units	2	16	12	0	0	0	0	0	0	0	0	0	30					
# Students Projected Method 1	0	0	3	0	0	0	0	0	0	0	0	0	3					
# Students Projected Method 2	0	4	3	0	0	0	0	0	0	0	0	0	7					
# Students Projected Method 3	0	1	6	0	0	0	0	0	0	0	0	0	7					
Total # Students - Average of 3 Methods	0	2	4	0	0	0	0	0	0	0	0	0	6	0.033	0%	1.33	-5	
Less: Private School (12%)	0	0	0	0	0	0	0	0	0	0	0	0	0					
Total impact on districted schools	0	2	4	0	0	0	0	0	0	0	0	0	6					
199 Lexington Street~																		
1978																		
Occupied																		
N/A																		
# Units	0	14	6	0	0	0	0	0	0	0	0	0	20					
# Students Projected Method 1	0	0	1	0	0	0	0	0	0	0	0	0	1					
# Students Projected Method 2	0	3	1	0	0	0	0	0	0	0	0	0	4					
# Students Projected Method 3	0	1	3	0	0	0	0	0	0	0	0	0	4					
Total # Students - Average of 3 Methods	0	1	2	0	0	0	0	0	0	0	0	0	3	0.000	0%	1.30	-3	
Less: Private School (12%)	0	0	0	0	0	0	0	0	0	0	0	0	0					
Total impact on districted schools	0	1	2	0	0	0	0	0	0	0	0	0	3					
8-14 Mt Ida Street~																		
1938																		
Occupied																		
N/A																		
# Units	0	11	5	0	0	0	0	0	0	0	0	0	16					
# Students Projected Method 1	0	0	1	0	0	0	0	0	0	0	0	0	1					
# Students Projected Method 2	0	3	1	0	0	0	0	0	0	0	0	0	4					
# Students Projected Method 3	0	0	2	0	0	0	0	0	0	0	0	0	2	0.050	0%	1.31	-2	
Total # Students - Average of 3 Methods	0	1	1	0	0	0	0	0	0	0	0	0	2					
Less: Private School (12%)	0	0	1	0	0	0	0	0	0	0	0	0	0					
Total impact on districted schools	0	1	1	0	0	0	0	0	0	0	0	0	2					

**Estimated Enrollment
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Development Name (Units ≥15)		First Year/ Year Built	Fully Phased In	Oct-19 Project Status	Total # Added to Projections	# Units by Type						Statistics			Total Estimated NPS Students	Actual Avg # NPS Students	Actual to Estimated Difference	
						# Units by Type						Total	Avg SGR (NPS)	% Affordable				Avg # BRs
						Studio	1BR-M	2BR-M	3BR-M	St-A	1BR-A							
129 North Street																		
# Units		1975		Occupied	N/A	0	41	47	0	0	0	0	0	88				
# Students Projected Method 1						0	0	10	0	0	0	0	0	10				
# Students Projected Method 2						0	12	13	0	0	0	0	0	25				
# Students Projected Method 3						0	2	27	0	0	0	0	0	29				
Total # Students - Average of 3 Methods						0	5	17	0	0	0	0	0	22		13	-6	
Less: Private School (12%)						0	-1	-2	0	0	0	0	0	-3				
Total impact on districted schools						0	4	15	0	0	0	0	0	19				
40 Park Street																		
# Units		1945		Occupied	N/A	3	11	11	0	0	0	0	0	25				
# Students Projected Method 1						0	0	2	0	0	0	0	0	2				
# Students Projected Method 2						1	3	3	0	0	0	0	0	7				
# Students Projected Method 3						0	0	6	0	0	0	0	0	6				
Total # Students - Average of 3 Methods						0	1	4	0	0	0	0	0	5		7	2	
Less: Private School (12%)						0	0	0	0	0	0	0	0	0				
Total impact on districted schools						0	1	4	0	0	0	0	0	5				
230 Walnut Street~																		
# Units		1930		Occupied	N/A	10	29	7	0	0	0	0	0	46				
# Students Projected Method 1						0	0	2	0	0	0	0	0	2				
# Students Projected Method 2						2	5	1	0	0	0	0	0	8				
# Students Projected Method 3						1	1	2	0	0	0	0	0	4				
Total # Students - Average of 3 Methods						1	2	2	0	0	0	0	0	5		2	-3	
Less: Private School (12%)						0	0	0	0	0	0	0	0	0				
Total impact on districted schools						1	2	2	0	0	0	0	0	5				
337 Washington Street~																		
# Units		1920		Occupied	N/A	9	5	4	0	0	0	0	0	18				
# Students Projected Method 1						0	0	1	0	0	0	0	0	1				
# Students Projected Method 2						1	1	1	0	0	0	0	0	3				
# Students Projected Method 3						0	0	1	0	0	0	0	0	1				
Total # Students - Average of 3 Methods						0	0	1	0	0	0	0	0	1		0	-1	
Less: Private School (12%)						0	0	0	0	0	0	0	0	0				
Total impact on districted schools						0	0	1	0	0	0	0	0	1				
Wesbrook Apartments~																		
# Units		1947		Occupied	N/A	0	20	15	0	0	0	0	0	35				
# Students Projected Method 1						0	0	3	0	0	0	0	0	3				
# Students Projected Method 2						0	5	4	0	0	0	0	0	9				
# Students Projected Method 3						0	1	8	0	0	0	0	0	9				
Total # Students - Average of 3 Methods						0	2	5	0	0	0	0	0	7		0	-6	
Less: Private School (12%)						0	0	-1	0	0	0	0	0	-1				
Total impact on districted schools						0	2	4	0	0	0	0	0	6				

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Development Name (Units ≥15)		First Year/ Year Built	Fully Phased In	Oct-19 Project Status	Total # Added to Projections	# Units by Type						Total	Statistics			Total Estimated NPS Students	Actual Avg # NPS Students	Actual to Estimated Difference						
						Studio	1BR-M	2BR-M	3BR-M	St-A	1BR-A	2BR-A	3BR-A		Avg SGR (NPS)	% Affordable	Avg # BRs							
55 Wyman Street						N/A																		
# Units						0	0	15	0	0	0	0	0	15				0.213	0%	2.00	6	3	-2	
# Students Projected Method 1						0	0	3	0	0	0	0	0	3										
# Students Projected Method 2						0	0	6	0	0	0	0	0	6										
# Students Projected Method 3						0	0	11	0	0	0	0	0	11										
Total # Students - Average of 3 Methods						0	0	7	0	0	0	0	0	7										
Less: Private School (12%)						0	0	-1	0	0	0	0	0	-1										
Total impact on districted schools						0	0	6	0	0	0	0	0	6										
Court Street, 75-83						15													Est.					
# Units						0	3	23	2	0	1	6	1	36										
# Students Projected Method 1						0	0	5	2	0	0	6	3	16										
# Students Projected Method 2						0	1	8	1	0	0	2	0	12										
# Students Projected Method 3						0	0	17	1	0	0	4	0	22										
Total # Students - Average of 3 Methods						0	0	10	1	0	0	4	1	16				0.417	22%	1.97	15	-	-	
Less: Private School (12%)						0	0	-1	0	0	0	0	0	-1										
Total impact on districted schools						0	0	9	1	0	0	4	1	15										
Kessler Woods						23													Est.					
# Units						0	29	46	0	0	5	8	0	88										
# Students Projected Method 1						0	0	10	0	0	0	8	0	18										
# Students Projected Method 2						0	9	14	0	0	2	2	0	27										
# Students Projected Method 3						0	1	28	0	0	0	5	0	34				0.265	15%	1.61	23	-	-	
Total # Students - Average of 3 Methods						0	3	17	0	0	1	5	0	26										
Less: Private School (12%)						0	0	-2	0	0	0	-1	0	-3										
Total impact on districted schools						0	3	15	0	0	1	4	0	23										
Austin Street						18													Est.					
# Units						0	22	29	0	0	7	10	0	68										
# Students Projected Method 1						0	0	6	0	0	0	10	0	16										
# Students Projected Method 2						0	6	9	0	0	2	3	0	20				0.265	25%	1.57	18	-	-	
# Students Projected Method 3						0	1	17	0	0	0	6	0	24										
Total # Students - Average of 3 Methods						0	2	11	0	0	1	6	0	20										
Less: Private School (12%)						0	0	-1	0	0	0	-1	0	-2										
Total impact on districted schools						0	2	10	0	0	1	5	0	18										
Washington Place						30													Est.					
# Units						13	48	40	4	0	17	16	2	140										
# Students Projected Method 1						0	0	9	3	0	0	16	6	34										
# Students Projected Method 2						3	13	10	1	0	4	4	1	36				0.214	25%	1.39	30	-	-	
# Students Projected Method 3						1	2	21	1	0	1	8	0	34										
Total # Students - Average of 3 Methods						1	5	13	2	0	2	9	2	34										
Less: Private School (12%)						0	-1	-2	0	0	0	-1	0	-4										
Total impact on districted schools						1	4	11	2	0	2	8	2	30										

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Development Name (Units ≥15)		First Year/ Year Built	Fully Phased In	Oct-19 Project Status	Total # Added to Projections	# Units by Type						Total	Statistics			Total Estimated NPS Students	Actual Avg # NPS Students	Actual to Estimated Difference
						Studio	1BR-M	2BR-M	3BR-M	St-A	1BR-A	2BR-A	3BR-A		Avg SGR (NPS)	% Affordable	Avg # BRs	
429 Cherry Street																		
Construction																		
Est.																		
# Units		2020			6	0	1	9	0	0	0	3	0	13				
# Students Projected Method 1						0	0	2	0	0	0	3	0	5				
# Students Projected Method 2						0	0	3	0	0	0	1	0	4				
# Students Projected Method 3						0	0	6	0	0	0	2	0	8				
Total # Students - Average of 3 Methods						0	0	4	0	0	0	2	0	6	0.436	23%	1.92	6
Less: Private School (12%)						0	0	0	0	0	0	0	0	0				-
Total impact on districted schools						0	0	4	0	0	0	2	0	6				
392-404 Langley Road																		
Construction																		
Est.																		
# Units		2020			1	5	7	4	0	1	2	1	0	20				
# Students Projected Method 1						0	0	1	0	0	0	1	0	2				
# Students Projected Method 2						1	1	1	0	0	0	0	0	3				
# Students Projected Method 3						0	0	1	0	0	0	0	0	1				
Total # Students - Average of 3 Methods						0	0	1	0	0	0	0	0	1	0.050	20%	0.95	1
Less: Private School (12%)						0	0	0	0	0	0	0	0	0				-
Total impact on districted schools						0	0	1	0	0	0	0	0	1				
200-230 Boylston (Chestnut Hill Ph. 2022																		
Special Permit																		
Est.																		
# Units		2022			27	0	34	51	0	0	6	9	0	100				
# Students Projected Method 1						0	0	11	0	0	0	9	0	20				
# Students Projected Method 2						0	10	15	0	0	2	3	0	30				
# Students Projected Method 3						0	2	31	0	0	0	5	0	38				
Total # Students - Average of 3 Methods						0	4	19	0	0	1	6	0	30	0.270	15%	1.60	27
Less: Private School (12%)						0	0	-2	0	0	0	-1	0	-3				-
Total impact on districted schools						0	4	17	0	0	1	5	0	27				
Melrose Street, 283																		
Special Permit																		
Est.																		
# Units		2022			5	0	5	9	0	0	1	1	0	16				
# Students Projected Method 1						0	0	2	0	0	0	1	0	3				
# Students Projected Method 2						0	2	3	0	0	0	0	0	5				
# Students Projected Method 3						0	0	5	0	0	0	1	0	6				
Total # Students - Average of 3 Methods						0	1	3	0	0	0	1	0	5	0.313	13%	1.63	5
Less: Private School (12%)						0	0	0	0	0	0	0	0	0				-
Total impact on districted schools						0	1	3	0	0	0	1	0	5				
189 Adams Street																		
Special Permit																		
Est.																		
# Units		2024			4	0	2	5	3	0	0	2	0	12				
# Students Projected Method 1						0	0	1	2	0	0	2	0	5				
# Students Projected Method 2						0	1	2	1	0	0	1	0	5				
# Students Projected Method 3						0	0	4	1	0	0	1	0	6				
Total # Students - Average of 3 Methods						0	0	2	1	0	0	1	0	4	0.333	17%	2.08	4
Less: Private School (12%)						0	0	0	0	0	0	0	0	0				-
Total impact on districted schools						0	0	2	1	0	0	1	0	4				

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Development Name (Units ≥15)		First Year/ Year Built	Fully Phased In	Oct-19 Project Status	Total # Added to Projections	# Units by Type						Total	Statistics			Total Estimated NPS Students	Actual Avg # NPS Students	Actual to Estimated Difference		
						Studio	1BR-M	2BR-M	3BR-M	St-A	1BR-A	2BR-A	3BR-A		Avg SGR (NPS)	% Affordable	Avg # BRs			
182 California Street																				
# Units		2022		Special Permit	9	0	0	13	4	0	1	1	1	20	Est.					
# Students Projected Method 1						0	0	3	3	0	0	1	3	10						
# Students Projected Method 2						0	0	5	2	0	0	0	0	7						
# Students Projected Method 3						0	0	1	1	0	0	1	0	13						
Total # Students - Average of 3 Methods						0	0	6	2	0	0	1	1	10	0.450	15%	2.20	9	-	
Less: Private School (12%)						0	0	-1	0	0	0	0	0	-1						
Total impact on districted schools						0	0	5	2	0	0	1	1	9						
Northland (Needham Street)																				
# Units		2023		Special Permit	165	68	303	272	34	12	57	48	6	800	Est.					
# Students Projected Method 1						0	0	58	27	0	0	49	17	151						
# Students Projected Method 2						18	79	71	9	3	15	13	2	210						
# Students Projected Method 3						5	13	145	8	1	3	26	1	202						
Total # Students - Average of 3 Methods						8	31	91	15	1	6	29	7	188	0.206	15%	1.40	165	-	
Less: Private School (12%)						-1	-4	-11	-2	0	-1	-3	-1	-23						
Total impact on districted schools						7	27	80	13	1	5	26	6	165						
Riverside Station																				
# Units		2024		SP Application	N/A	34	243	143	12	7	49	29	7	524	Est.					
# Students Projected Method 1						0	0	31	10	0	0	30	20	91						
# Students Projected Method 2						8	60	35	3	2	12	7	2	129						
# Students Projected Method 3						2	10	72	3	1	2	15	2	107						
Total # Students - Average of 3 Methods						3	23	46	5	1	5	17	8	108	0.179	18%	1.32	94	-	
Less: Private School (12%)						0	-3	-6	-1	0	-1	-2	-1	-14						
Total impact on districted schools						3	20	40	4	1	4	15	7	94						

Actual Enrollment
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1980														
Ablemarle Gardens		ES	0	0	0	0	0	0	0	N/A	1	-1	N/A	
		MS	0	0	0	0	0	0	0	N/A	1	-1	N/A	
		HS	0	0	0	0	0	0	0	N/A	0	0	N/A	
		Total	0	0	0	0	0	0	0	N/A	2	-2	N/A	
1976														
175 Adams Street		ES	3	2	5	4	2	3	50%	2	1	0.28%		
		MS	4	1	1	1	0	3	2	33%	1	1	0.20%	
		HS	1	2	1	2	1	1	1	17%	1	0	0.00%	
		Total	8	5	7	6	6	6	6	100%	4	2	0.07%	
2000														
Avalon at Newton Highlands		ES	45	43	57	44	43	46	45%	52	-6	-0.74%		
		MS	28	22	19	26	26	24	24%	27	-3	-0.18%		
		HS	33	37	32	32	26	32	31%	27	5	0.26%		
		Total	106	102	108	102	95	102	100%	106	-4	-0.09%		
2002														
Avalon at Chestnut Hill		ES	30	33	33	39	32	33	46%	43	-10	-1.10%		
		MS	16	21	22	18	13	18	25%	21	-3	-0.48%		
		HS	15	17	25	25	28	22	30%	21	1	0.05%		
		Total	61	71	80	82	73	73	100%	85	-12	-0.34%		
2004														
Arborspoint Woodland Station		ES	29	26	30	24	24	27	55%	25	2	0.35%		
		MS	13	9	5	6	8	8	16%	13	-5	-0.29%		
		HS	11	13	16	16	16	14	29%	13	1	0.02%		
		Total	53	48	51	46	48	49	100%	51	-2	-0.03%		
1986														
77 Beaconwood Road		ES	0	0	0	0	0	0	N/A	1	-1	N/A		
		MS	0	0	0	0	0	0	N/A	1	-1	N/A		
		HS	0	0	0	0	0	0	N/A	1	-1	N/A		
		Total	0	0	0	0	0	0	N/A	3	-3	N/A		
1958														
457 Centre Street*		ES	1	1	1	1	0	1	100%	1	0	0.00%		
		MS	0	0	0	0	0	0	0%	0	0	0.00%		
		HS	0	0	0	0	0	0	0%	1	-1	-0.05%		
		Total	1	1	1	1	0	1	100%	2	-1	-0.03%		

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NOV-2019

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		Level	Oct-15 #	Oct-16 #	Oct-17 #	Oct-18 #	Oct-19 #	Avg. #	%	Estimated #	Actual to Estimated Diff.	Diff. as % of School Enroll.	
1948													
5 Charlesbank Road													
		ES	8	6	6	5	6	6	75%	3	3	1.01%	
		MS	2	1	0	0	0	1	13%	2	-1	-0.20%	
		HS	3	2	0	1	1	1	13%	2	-1	-0.05%	
		Total	13	9	6	6	7	8	100%	7	1	0.03%	
1880													
The Chestnut Hill Apartments*													
		ES	0	0	0	0	2	0	N/A	2	-2	N/A	
		MS	0	0	0	0	0	0	N/A	0	0	N/A	
		HS	1	1	0	0	0	0	N/A	1	-1	N/A	
		Total	1	1	0	0	2	0	N/A	3	-3	N/A	
1975													
2300 Commonwealth													
		ES	26	27	19	23	18	23	70%	9	14	2.08%	
		MS	6	4	6	4	5	5	15%	5	0	0.00%	
		HS	4	6	4	6	5	5	15%	5	0	0.00%	
		Total	36	37	29	33	28	33	100%	19	14	0.22%	
1970													
2340 Commonwealth													
		ES	17	12	11	20	18	16	59%	6	10	1.48%	
		MS	5	6	7	8	5	6	22%	4	2	0.12%	
		HS	6	5	4	6	6	5	19%	4	1	0.02%	
		Total	28	23	22	34	29	27	100%	14	13	0.20%	
1974													
Concord Street Apartments													
		ES	1	1	2	0	1	1	33%	3	-2	-0.43%	
		MS	0	0	0	2	2	1	33%	2	-1	-0.13%	
		HS	1	1	1	1	0	1	33%	1	0	0.00%	
		Total	2	2	3	3	3	3	100%	6	-3	-0.10%	
1969													
Curtis Arms Apartments													
		ES	13	12	9	7	7	10	48%	8	2	0.49%	
		MS	3	4	5	6	8	5	24%	5	0	0.00%	
		HS	7	7	5	8	5	6	29%	5	1	0.05%	
		Total	23	23	19	21	20	21	100%	18	3	0.09%	
1963													
Farwell Street Apartments													
		ES	6	2	3	8	8	5	50%	5	0	0.00%	
		MS	3	1	2	2	1	2	20%	2	0	0.00%	
		HS	2	3	2	3	3	3	30%	2	1	0.05%	
		Total	11	6	7	13	12	10	100%	9	1	0.03%	

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Actual Enrollment
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NOV-2019

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		Level	Oct-15 #	Oct-16 #	Oct-17 #	Oct-18 #	Oct-19 #	Avg. #	%	Estimated #	Actual to Estimated Diff.	Diff. as % of School Enroll.
1995												
Florence Park Apartments												
		ES	2	2	1	2	1	2	50%	1	1	0.12%
		MS	1	1	0	0	1	1	25%	1	0	0.00%
		HS	0	0	2	1	1	1	25%	0	1	0.05%
		Total	3	3	3	3	3	4	100%	2	2	0.06%
1975												
Grove Street, 264-290*												
		ES	30	24	27	19	19	24	56%	20	4	1.41%
		MS	15	9	5	12	9	10	23%	5	5	0.65%
		HS	12	7	16	5	7	9	21%	6	3	0.16%
		Total	57	40	48	36	35	43	100%	31	12	0.41%
1930												
17 Herrick Road												
		ES	1	1	1	2	2	1	100%	3	-2	-0.22%
		MS	0	0	0	0	0	0	0%	2	-2	-0.14%
		HS	0	0	0	0	0	0	0%	2	-2	-0.11%
		Total	1	1	1	2	2	1	100%	7	-6	-0.14%
1970												
392-396 Langley*												
		ES	4	6	10	10	5	7	70%	3	4	0.97%
		MS	1	0	0	0	1	0	0%	1	-1	-0.16%
		HS	5	3	3	2	4	3	30%	1	2	0.11%
		Total	10	9	13	12	10	10	100%	5	5	0.17%
1986												
402-404 Langley*												
		ES	3	2	5	2	5	3	100%	3	0	0.00%
		MS	0	0	0	0	1	0	0%	1	-1	-0.13%
		HS	1	0	0	0	0	0	0%	1	-1	-0.04%
		Total	4	2	5	2	6	3	100%	5	-2	-0.05%
1970												
89 Lexington Street												
		ES	0	0	2	1	1	1	50%	2	-1	-0.26%
		MS	1	1	1	1	1	1	50%	1	0	0.00%
		HS	0	0	0	1	1	0	0%	1	-1	-0.05%
		Total	1	1	3	3	3	2	100%	4	-2	-0.06%
1990												
145 Lexington Street												
		ES	2	1	2	1	4	2	50%	3	-1	-0.26%
		MS	1	1	1	0	1	1	25%	2	-1	-0.10%
		HS	1	1	2	1	2	1	25%	2	-1	-0.05%
		Total	4	3	5	2	7	4	100%	7	-3	-0.09%

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155 Lexington Street													
1970													
ES District: Burr		ES	2	3	2	4	2	3	43%	5	-2	-0.51%	
MS District: Day		MS	2	1	0	0	1	1	14%	3	-2	-0.21%	
HS District: North		HS	2	2	4	4	3	3	43%	3	0	0.00%	
		Total	6	6	6	8	6	7	100%	11	-4	-0.11%	
181 Lexington Street*													
1970													
ES District: Burr		ES	2	2	1	1	0	1	100%	4	-3	-0.77%	
MS District: Day		MS	0	0	0	0	1	0	0%	1	-1	-0.10%	
HS District: North		HS	0	0	0	0	1	0	0%	1	-1	-0.05%	
		Total	2	2	1	1	2	1	100%	6	-5	-0.14%	
199 Lexington Street*													
1978													
ES District: Burr		ES	0	0	0	0	1	0	N/A	1	-1	N/A	
MS District: Day		MS	0	0	0	0	0	0	N/A	1	-1	N/A	
HS District: North		HS	0	0	0	0	0	0	N/A	1	-1	N/A	
		Total	0	0	0	0	1	0	N/A	3	-3	N/A	
8-14 Mt Ida Street*													
1938													
ES District: Underwood		ES	0	0	0	0	0	0	0%	2	-2	-0.68%	
MS District: Bigelow		MS	0	1	0	0	0	0	0%	0	0	0.04%	
HS District: North		HS	0	2	1	0	0	1	100%	0	1	0.03%	
		Total	0	3	1	0	0	1	100%	2	-1	-0.04%	
129 North Street													
1975													
ES District: Horace Mann		ES	6	5	5	6	8	6	47%	9	-3	-0.74%	
MS District: Day		MS	1	3	3	4	4	3	23%	5	-2	-0.21%	
HS District: North		HS	5	3	2	4	5	4	30%	5	-1	-0.06%	
		Total	12	11	10	14	17	13	100%	19	-6	-0.18%	
40 Park Street*													
1945													
ES District: Underwood		ES	8	5	3	5	2	5	76%	3	2	0.68%	
MS District: Bigelow		MS	0	0	3	2	0	1	15%	1	0	0.00%	
HS District: North		HS	0	0	1	1	1	1	9%	1	0	-0.02%	
		Total	8	5	7	8	3	7	100%	5	2	0.05%	
230 Walnut Street													
1930													
ES District: Cabot		ES	2	2	1	2	1	2	100%	3	-1	-0.25%	
MS District: Day		MS	0	0	0	0	0	0	0%	1	-1	-0.10%	
HS District: North		HS	0	0	1	0	1	0	0%	1	-1	-0.03%	
		Total	2	2	2	2	2	2	100%	5	-3	-0.07%	

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337 Washington Street													
1920													
ES District: Lincoln-Eliot		ES	0	0	0	0	0	0	0	N/A	1	-1	N/A
MS District: Bigelow		MS	0	0	0	0	0	0	0	N/A	0	0	N/A
HS District: North		HS	0	0	0	0	0	0	0	N/A	0	0	N/A
		Total	0	0	0	0	0	0	0	N/A	1	-1	N/A
Wesbrook Apartments*													
1947													
ES District: Underwood		ES	0	0	0	0	0	0	0	N/A	4	-4	-1.35%
MS District: Bigelow		MS	0	0	0	0	0	0	0	N/A	1	-1	-0.20%
HS District: North		HS	0	0	0	0	0	0	0	N/A	1	-1	-0.05%
		Total	0	0	0	0	0	0	0	N/A	6	-6	-0.20%
55 Wyman Street*													
1945													
ES District: Angier		ES	0	2	4	4	3	3	3	100%	4	-1	-0.22%
MS District: Brown		MS	0	0	0	0	1	0	0	0%	1	-1	-0.10%
HS District: South		HS	0	0	0	0	0	0	0	0%	1	-1	-0.05%
		Total	0	2	4	4	4	3	3	100%	6	-3	-0.09%
Court Street, 75-83													
2016													
ES District: Cabot		ES		0	0	0	0	0	0	0%	7	-7	-1.77%
MS District: Day		MS		0	0	0	1	2	1	33%	4	-3	-0.31%
HS District: North		HS		0	0	0	3	3	2	67%	4	-2	-0.09%
		Total		0	0	0	4	5	3	100%	15	-12	-0.34%
Kessler Woods													
2018													
ES District: Memorial-Spaulding		ES					3	2	2	40%	11	-9	-1.97%
MS District: Oak Hill		MS					4	2	2	40%	6	-4	-0.64%
HS District: South		HS					1	1	1	20%	6	-5	-0.26%
		Total					8	5	5	100%	23	-18	-0.61%
Austin Street													
2019													
ES District: Cabot		ES					2	2	2	100%	8	-6	-1.52%
MS District: Day		MS					0	0	0	0%	5	-5	-0.52%
HS District: North		HS					0	0	0	0%	5	-5	-0.23%
		Total					2	2	2	100%	18	-16	-0.46%

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