

Enrollment Analysis Report

2022-2023 to 2027-2028

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TABLE OF CONTENTS

SECTION	PAGE
Introduction and Overview	1-5
I. Enrollment Trends	
System-wide Projections	6-18
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	
II. Enrollment Projection Method	
Kindergarten Projection Methodology	19-30
NESDEC Comparison	
Accuracy of Projections	
Frequently Asked Questions	
III. Enrollment History	
Grade-by-Grade Analysis	31-33
A Comparison to Peak Enrollment Years	
IV. Individual School Reports	34-76
V. Student Exits and Entrances	77-86
VI. Non-Public/Private School Students	87-92
VII. Class Size Data	93-144
Appendices	145-187
A. Student Population Detail	
B. Residential Property Data	
C. NESDEC's Enrollment Projections vs. Newton's	
D. School Districts and Buffer Zones	
E. Residential Development	

LIST OF TABLES

TABLE	PAGE
1. Projected Enrollments by School 2023-24 to 2027-28	13
2. Enrollment History and Projections by School 1975-76 to 2027-28	14-15
3. Projected Enrollments by Grade 2023-2024 to 2027-28	16
4. Enrollment History and Projections by Grade 1975-76 to 2027-28	17-18
5. Comparison of Projected with Actual 2021-22 and 2022-23 Enrollment	24
6. Actual and Projected Enrollments by School 2022-2023	25-26
7. Actual and Projected K-12 Enrollments 2017-18 to 2027-28	27
8. Enrollments by Grade 2021-22 and 2022-23	32
9. Historical Cohort Survival Ratios by Grade	33
10. Exiting Elementary School Students 2021-22	80
11. Exiting Middle School Students 2021-22	81
12. Exiting High School Students 2021-22	81
13. Total Student Exits 2019-20 through 2021-22	82
14. History of Exits to Non-Public Schools 2015-16 to 2021-22	83
15. Entering Elementary School Students 2021-22 and 2022-23 as of October 1, 2022	85
16. Entering Middle School Students 2021-22 and 2022-23 as of October 1, 2022	86
17. Entering High School Students 2021-22 and 2022-23 as of October 1, 2021	86
18. Non-Public/Private School Students by Grade (2022 Census)	90
19. Non-Public/Private School by School (2022 Census)	91
20. Special Education Students Tuitioned-Out (2022 Census)	92
21. Average Class Sizes for all Grade Levels – 10 Years	93
22. Percent of Classes with 25 or More and with Fewer than 20 Students	93
23. School Enrollment Statistics and Distribution of Class Sizes October 1, 2022	94
23a. Distribution of Elementary Class Sizes 2022-23 through 2027-28	95-106
24. Distribution of Class Sizes All Middle Schools 2022-23	107-109
24a. Comparison of Average Team Sizes 2019-20 through 2022-23	110
25. Distribution of Class Sizes and Average Class Sizes High Schools 2022-23	112
26. Average Class Sizes by Curriculum Level 2022-23	115
27. Total Enrollment and Class Size Distribution by Curriculum Level 2022-23	116
28. Total Student Enrollment for 5 Academic Areas by Curriculum Level 2022-23	117

29. High School Classes with 25 or More Students 2022-23	118
30. North High School Course Enrollment by Subject and Course 2022-23	119-127
31. South High School Course Enrollment by Subject and Course 2022-23	128-136
32. Departmental Enrollments: North	137
33. Departmental Enrollments: South	138
34. Projected Future Class Sizes for 5 Academic Areas: North	139
35. Projected Future Class Sizes for 5 Academic Areas: South	140
36. Classroom Utilization: North	141-142
37. Classroom Utilization: South	143-144

APPENDICES

Appendix A – Student Population Detail	PAGE
1. Student Demographics	145-148
2. Preschool Students	149
3. METCO Enrollment by School and Grade	150
4. English Language Learners Enrollment	151
5. English Language Learners Enrollment by Language	153
6. Students Receiving Special Education Services	154-155
7. Number of Non-resident Students	156
 Appendix B – Residential Property Data	
8. Residential Property Sales by Elementary District	157
9. Properties Listed for Sale in Newton by Elementary District	158
 Appendix C – NESDEC Enrollment Projections	
10. NESDEC’s Enrollment Projections vs. Newton’s	159
 Appendix D – School Districts and Buffer Zones	
11. Elementary Students by District with Buffer Zones	160-162
12. Total Enrollment by High School Feeder Patterns	163
13. Current Elementary, Middle and High School District Maps	164-166
 Appendix E – Residential Development	
Proposed Residential Development Projections: FAQs	167-171
14. Estimated Enrollment of Existing and Proposed Residential Development	172-181
15. Actual Enrollment for Existing Complexes	182-187

INTRODUCTION AND OVERVIEW

INTRODUCTION AND OVERVIEW

The Newton Public Schools K-12 enrollment was 11,717 students on October 1, 2022, a decrease of 93 students, or -0.8%, from last year. This enrollment decline was projected: enrollment was projected to decline -0.8% from last year (with a projected enrollment of 11,713). This is the fifth year of a decline in enrollment in Newton. The state has also experienced enrollment decline, with -4% statewide decline from five years ago. This trend of enrollment decline is expected to continue; the US Department of Education is projecting an enrollment decline of -4.3% nationwide from 2020-2030, and an enrollment decline of -4.5% in Massachusetts over the same time period.

Newton's projections for next year indicate a decline in enrollment of 88 students to 11,629 (or a decline of -0.8%). This decline is not consistent across levels. Elementary schools are projected to decline by -0.6% (-31 students), middle schools are projected to decline by -5% (-140 students), and high schools are projected to increase by 2.1% (+83 students). The projection methodology this year follows the typical cohort survival ratio methodology utilized by Newton Public Schools, although the 2020 enrollment cohort survival ratios are excluded given the large impact that the pandemic had on our enrollment in 2020. The projection methodology is described in more detail in the Enrollment Trends section.

The current five-year enrollment projections through 2027-28 show overall district enrollment declines in each year, 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 E for detailed information).

This is the eighth consecutive year of kindergarten enrollment under 900, which impacts the elementary projections over the next five years as these smaller cohorts of students progress through the elementary grades. Even though projected kindergarten classes average 672 students over the next five years, strong cohort growth in first grade and projected additional students from new residential developments results in cohorts between just under 700 to almost 900 students in grades 1 through 5 over the next five years. Because of this strong cohort growth and projected new students from developments, this year's class of 711 kindergarten students is projected to grow to 852 students by fall 2027 when this class is in fifth grade.

The projected kindergarten class in two years (2024-2025) is the smallest of the five-year projection at 617 students, and although this cohort is projected to grow as it moves through the elementary grades, it remains below 730 students in the five year projection. This smaller projected cohort is based on the lower number of births in 2019 (580 births), which is a large decline from the prior year (663 births); please note that the projected total cohort includes projected enrollments from new residential developments. The number of births came back up in 2020 (642 births), and the estimated births for 2021 and 2022 are similar to 2020. Please see Section II (Kindergarten Projection Methodology) for more details on the numbers of births and how this data is utilized to project kindergarten enrollment.

Districtwide, Newton's elementary enrollment is projected to decrease to 4,621 students in fall 2027, a decline of 377 students from this year's elementary enrollment (-8%). Three

primary factors that impact enrollment contribute to this decline: the size of the incoming kindergarten class, the size of the outgoing fifth grade class, and cohort growth. The declining sizes of kindergarten classes combined with larger classes moving to middle school, even with continued cohort growth and additional students from new residential developments, result in declining elementary projections. Although overall elementary enrollment is projected to decrease over the next five years, this decline is not consistent across individual elementary schools. Some elementary schools are projected to see growth in particular years, which is due to new residential developments in those districts.

For the second year in a row, middle schools saw a decline in enrollment this fall, which was projected. Like last year, this decline is mainly due to an incoming sixth grade class that is smaller than the outgoing eighth grade class. Middle schools are projected to decrease by 140 students next year as again, the incoming sixth grade class is smaller than the outgoing eighth grade class. Middle school enrollment totals decrease in two of the four remaining years of the projection, as larger cohorts of students move to high school and smaller cohorts come into middle school from grade 5. In fall 2024 and fall 2026, middle school enrollment is projected to increase slightly from the prior year, as the incoming sixth grade cohort in these years is slightly larger than the outgoing eighth grade cohort. Over the five-year projection, middle school enrollment is projected to decline by 150 students (-5%), from 2,772 students today to 2,622 students in 2027. Like elementary schools, although this decline is projected districtwide, it is not consistent across middle schools. Bigelow is projected to increase in enrollment over the next five years because of the change in elementary school feeder patterns that begins in fall 2023, while the other three middle schools are projected to decrease in enrollment. Please note that the decline in enrollment projected at Day is also because of the change in elementary school feeder patterns that begins in fall 2023, as intended.

High school enrollment remained relatively stable this fall, with an increase of +4 students from last year. During the next five years, the projected average grade size at the high schools is close to 1,000 students; next year, grades 9, 10, and 11 are projected to be at or over 1,000 students and total high school enrollment is projected to increase by 83 students (+2%). In the remaining four years of the projection, high school enrollment is projected to decrease each year, and that decrease accelerates in each subsequent year of the projection as the large cohorts over 1,000 students graduate and are replaced by smaller incoming grade 9 cohorts.

This school year has seen a large increase in enrollment from last year for students currently enrolled as English Learners (ELs). There are 782 EL students in October 2022 compared to 666 EL students in October 2021; of these, 557 are elementary students (11% of the elementary population) and 225 are secondary students (3% of the secondary population).

The percentage of students receiving special education services this school year has increased slightly to 18% compared to 17% last year. If preschool students are included in the total, the percentage of students receiving special education services is 19% compared to 18% last year.

Special education students enrolled in out-of-district special education schools total 112 students based on the October 2022 Student Services Report, which includes 94 out of district placements and 18 agreements and is a decrease of 5 students from last year.

The Newton Early Childhood Program (NECP) enrolled 186 preschool children in integrated early childhood classrooms or in therapeutic services as of October 1, 2022; enrollment typically increases during the course of the year. The preschool moved into their new building at 687 Watertown Street in January 2023 and has capacity for expansion in the future.

Including preschool and outplaced students, the district's full PK-12+ enrollment totals just over 12,000 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.

This report details changes in enrollments by school since last year. It reviews current enrollments compared to the December 2021 projections, and projects enrollments using adjusted 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 2022-23 enrollments presented in this report have changed slightly from the Preliminary Enrollment Report in October 2022, with a net decrease of -4 students.

The district has implemented two recent phases of student assignment changes to balance enrollments among district schools as first Angier and Zervas opened, followed by Cabot in 2019, each with expanded enrollment capacity. These changes, approved in September 2015 and October 2018 are now fully integrated into the projection methodology.

Future Enrollment

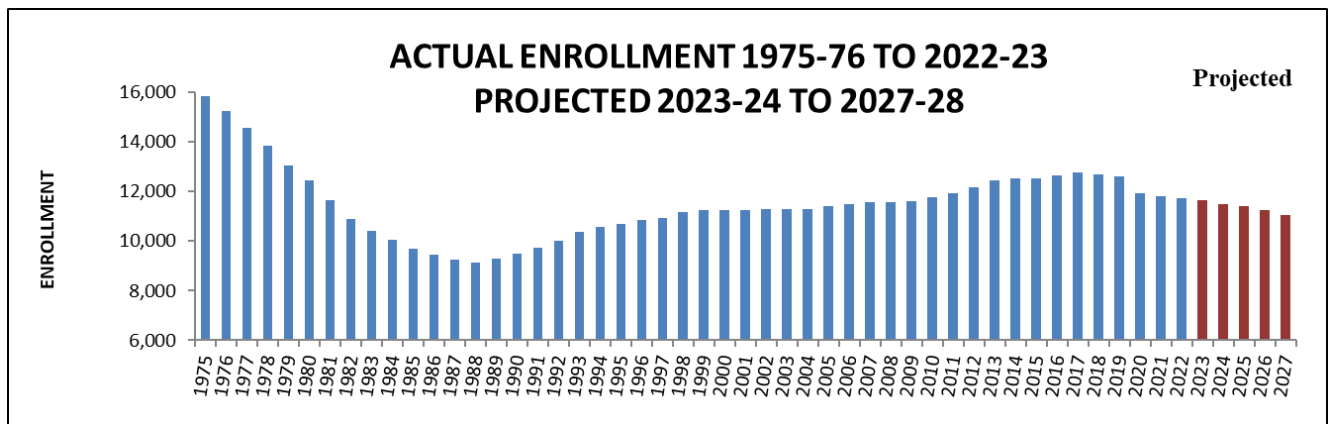
The traditional cohort survival ratio methodology of enrollment projections using five-year historical data yields the projections for grades 1 through 12, although it has been adjusted this year to omit 2020 because of the impacts of the COVID-19 pandemic (and instead uses a four-year average of data from 2022, 2021, 2019, and 2018). This same adjusted methodology omitting 2020 was also used in last year's projections. The kindergarten projections have been calculated using an adjusted three-year average of previous kindergarten enrollments. Kindergarten projections have been made with a three-year, four-year, or five-year average methodology since 2014; prior to 2014, city census data was utilized for kindergarten projections. The shift to the average methodology for kindergarten occurred because city census data began producing kindergarten projections that were too low. An adjusted three-year average for kindergarten is used this year instead of a four-year or five-year average given the smaller incoming kindergarten cohorts in recent years and the declining number of births; the use of a four-year or five-year average yields kindergarten projections that are too large. See Section II entitled *Enrollment Projection Method* for more information and discussion of the full methodology used in this year's projection.

The table below shows the projections for the next five years, as well the current year's enrollment.

Level	Actual 2022-23	Projections Using 5 Year Ratios*				
		2023-24	2024-25	2025-26	2026-27	2027-28
Elementary	4,998	4,967	4,827	4,790	4,692	4,621
Middle	2,772	2,632	2,644	2,607	2,632	2,622
High School	3,947	4,030	4,023	3,988	3,901	3,788
Total	11,717	11,629	11,494	11,385	11,225	11,031

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

The following graph is a representation of more than 45 years of enrollment in the Newton Public Schools, from 1975 to 2022, as well as projections from 2023 through 2027. 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 decline over the past five years, and the projected decline for the next five years, returning Newton Public Schools to enrollment similar to the late 1990's.



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 (please note that these 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.
- VII. Class Size data.

Appendices A through E

- Basic demographic information
- Data on preschool students
- Students in the METCO program
- English Language Learners and students receiving special education services
- 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

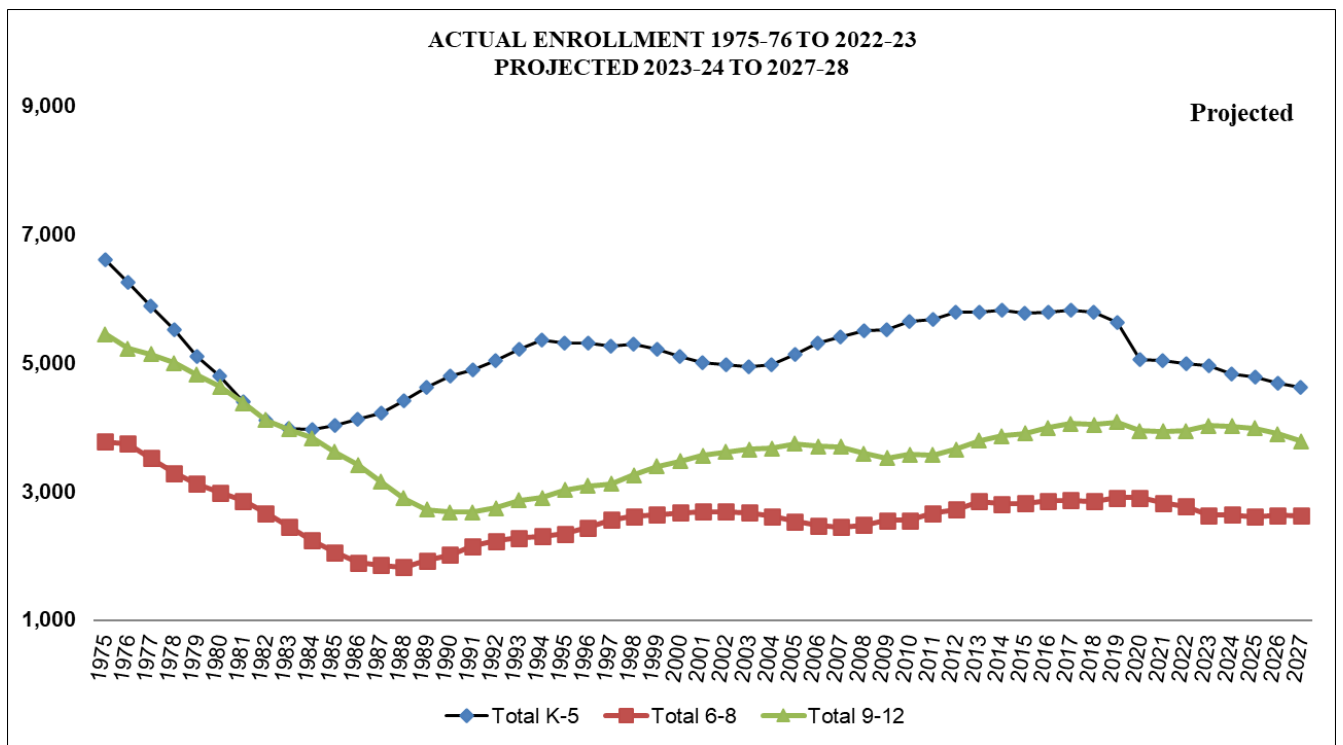
Real Estate Sales

I. ENROLLMENT TRENDS

System-wide Projections

Table 1 and Table 3 display the current enrollment for 2022-23 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 2027-28, by school and by grade.

The graph below provides an overview of almost 50 years of enrollment trends with differences shown by grade level. Over the next five years, all three levels are projected to decrease in enrollment, although there are a few years in the projections where middle school and high school are projected to increase.



Elementary Projections

Today’s kindergarten enrollment of 711 students is the eighth class of fewer than 900 students since 2012. The years 2012 through 2014 saw kindergarten classes of 934, 958, and 938 students, which were the largest kindergarten classes since the mid-1970’s; 2010 and 2011 also had large kindergarten classes of just under 900 students. Elementary enrollment is projected to decrease by 31 students (-0.6%) next year, from 4,998 students this year to 4,967 students. In five years, overall elementary enrollment is projected to decrease to 4,621 students (-8% from this year) as smaller projected kindergarten classes enter the district. Enrollment projections are dependent on current student counts and trends from the past five years. With recent experience of lower kindergarten enrollment and a continuation in the decline of birth rates, projected elementary enrollment is trending lower than last year. Please refer to Section II for further information on the kindergarten projections, which are typically 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 and in October 2018 are now fully integrated into the projections (with the use of a three-year average for kindergarten projections).

Appendix D, Table 11 lists student enrollment in buffer zones by school for this school year and the previous three school years. 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 student placement between schools in the buffer zone district. Once a student from a buffer zone is placed in a school, they will follow the same feeder pattern as peers in that school. Table 11 displays each buffer zone and, for more recently created zones, notes the year the zone was developed.

Secondary Projections

Middle school enrollment this year has declined from last year (with 2,772 students this year compared to 2,826 students last year); middle school enrollment was projected to decline this year, although the actual decline was larger than projected (projected decline of -1.4% compared to actual decline of -1.9%). Middle school enrollment is projected to decrease in three of the five years of the projection as grade 6 classes enter that are smaller than the exiting grade 8 classes from the prior year. In five years, middle school enrollment is projected to decrease by -150 students (-5%) compared to this year. As mentioned previously, although middle school enrollment is projected to decline districtwide, this is not the case at each middle school. Bigelow is projected to increase over the five year projection due to the changes in elementary school feeder patterns that will be in place for fall 2023.

High school enrollment surpassed 4,000 students in 2017 and is projected to remain around 4,000 students until fall 2027. Current 2022 high school enrollment remained similar to last year (an increase of +4 students). By 2027-28, a net decrease of -159 (-4%) high school students are expected. This decrease is not consistent across the high schools: North is projected to decrease by 207 students (-10%), while South is projected to increase by 48 students (+3%) in five years. Both schools are projected to have a similar increase in enrollment next fall (approximately +2%). The difference in enrollment between the two high schools is currently 273 students, with higher enrollment at North; this difference is projected to be 18 students in fall 2027, with higher enrollment at North. The decrease in this difference is due to the inclusion of the Northland development and the Riverside development on the Southside in the projections, which results in both larger incoming grade 9 cohorts at South from the middle schools, as well as additional high school students added to South's projections.

National, State and Local Trends

The table below shows the status of preschool through grade 12 district enrollments for comparison districts over the most recent five-year time period. This chart also includes enrollment change from last year. Comparison districts saw enrollment changes from last year ranging from +4% to -3%; Newton saw a decline of -1%. Compared to five years ago,

Newton’s enrollment has declined -8%, while comparison districts have a five year change that ranges from +2% to -16%.

Five Year PK-12 Enrollment Change in Surrounding Districts

District	2022-23 Enrollment	2021-22 Enrollment	2018-19 Enrollment	1 Year Change	1 Year % Change	5 Year Change	5 Year % Change
Arlington	5,987	5,866	5,939	121	2%	48	1%
Belmont	4,378	4,356	4,628	22	1%	-250	-5%
Brookline	7,060	6,928	7,855	132	2%	-795	-10%
Burlington	3,412	3,440	3,533	-28	-1%	-121	-3%
Cambridge	6,627	6,612	7,052	15	0%	-425	-6%
Dedham	2,555	2,567	2,687	-12	0%	-132	-5%
Lexington	6,845	6,790	7,259	55	1%	-414	-6%
Natick	5,346	5,308	5,540	38	1%	-194	-4%
Needham	5,525	5,515	5,721	10	0%	-196	-3%
Newton	11,882	11,974	12,883	-92	-1%	-1,001	-8%
Waltham	5,643	5,496	5,633	147	3%	10	0%
Watertown	2,662	2,571	2,608	91	4%	54	2%
Wayland	2,754	2,711	2,695	43	2%	59	2%
Wellesley	4,158	4,290	4,963	-132	-3%	-805	-16%
Weston	2,000	1,948	2,103	52	3%	-103	-5%

Massachusetts DESE School Profile Enrollment as of October 1, 2022

As previously mentioned, the state of Massachusetts has seen a -4% enrollment decline compared to five years ago, and this decline is projected to continue over the next ten years (-4.5% decline projected by the US Department of Education for Massachusetts).

Residential Housing Complexes

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

- Austin Street mixed-used development with 68 units
- 400 Langley Road (additional building to the existing buildings on Langley Road) with 20 units
- Trio Newton (Washington Place) on Washington Street near the intersection with Walnut Street, with 140 units
- 68 Los Angeles Street (previously 182 California Street) with 20 units
- 429 Cherry Street with 14 units
- 20 Kinmonth Road with 24 units (in construction)
- 39 Herrick Road with 9 units (in construction)
- 15-21 Lexington Street with 24 units (in construction)
- 15 Riverdale Avenue (Residences on the Charles) with 204 units (in construction)
- 967 Washington Street with 28 units (special permit approved)
- Melrose Street, 283-Turtle Lane Playhouse with 16 units (in construction)
- 1114 Beacon Street with 34 units (pre-construction)

- 32-34 Dunstan Street (Dunstan East) with 302 units (pre-construction)
- Northland on Needham and Oak Streets with 800 units (pre-construction)
- 383 Boylston Street/50 Jackson Street with 12 units (special permit approved)
- Riverside Station with 550 units (pre-construction)

Estimates for future student enrollment from the developments above are included in the five-year enrollment projections. A total of 186 elementary school students, 77 middle school students, and 82 high school students (a grand total of 345 students) from these complexes have been distributed across the five-year projections amongst all schools except for Memorial-Spaulding, Underwood, and Ward, which have no large new or pending residential developments in their districts. These additions are phased into the projections over five years, assuming that each development reaches full occupancy within five years of its planned completion date. 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 E, Table 14. 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.* Please note that Riverside begins phasing students into the projections in fall of 2025, but that this date may be delayed due to construction costs.

A table that shows the calculation of total students for each project can be found in Appendix E, Table 14. Actual enrollment of Newton Public School students in larger developments and the accuracy of the projections for these developments are displayed in Appendix E, Table 15.

Appendix E, Table 14 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 December 2022. 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, which can change the projected number of students from a development.

Newton Public Schools, in collaboration with the City of Newton Executive, Public Buildings, and Planning Departments, updated its methodology used in the calculation of student generation for local residential development in November 2018. 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 current methodology is available in Appendix E in the FAQ section.

The current methodology is the result of an in-depth review that was supported by expert resources, including:

- 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 at this point, the numbers of school-age children in residence are shown in the table below. Student enrollments have become fairly stable at these complexes, which were built in the early 2000's; there is an overall net increase from last year of thirteen students. This year, half of the students at the three complexes are elementary students, approximately a quarter attend middle school, and approximately a quarter attend high school. There are also 59 students residing in these complexes who are enrolled in private school (22% of all students in these complexes), which is higher than the percentage of students residing in residential complexes and attending private school in Newton as a whole (15%, as explained in Section VI).

Enrollment at Newton's Largest Rental Housing Complexes (2022-23)

Complex		Avalon at Newton Highlands (294 Units)	Avalon at Chestnut Hill (204 Units)	Arborpoint at Woodland Station (180 Units)	% by Level
Year Built		2000	2002	2004	
Districted Schools*		Countryside Zervas	Bowen Mem-Spaulding	Peirce Williams	
Elementary Enrollment	In District	47	30	19	50%
	Out-of-assigned District	0	1	4	
Middle School Enrollment	In District	19	17	11	24%
	Out-of-assigned District	0	2	0	
High School Enrollment	In District	26	20	5	26%
	Out-of-assigned District	3	0	0	
Total Enrollment		95	70	39	204
Prior Year Total (2021-22)		83	73	35	195
Change from Prior Year		12	-3	4	13
Private School Students		22	26	11	59

* 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 2,068 condominium properties, which is growth of 59%. 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	FY23	% of Total in FY23	# Change	% Change
Single Family	16,885	69%	16,944	66%	59	0.3%
Condominium	3,489	14%	5,557	22%	2,068	59%
Two Family	3,224	13%	2,591	10%	-633	-20%
Three Family	308	1%	265	1%	-43	-14%
Apartment Buildings	176	1%	149	1%	-27	-15%
Mixed Use	296	1%	241	1%	-55	-19%
TOTAL PROPERTIES	24,378	100%	25,747	100%	1,369	6%

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, more families are living in condominiums and apartment buildings today than in 2002 and fewer families are living in single family homes. The percentage of school children living in single family homes has declined from 73% to 63%, while there has been an increase from 5% to 11% in the percentage of school children living in condominiums. This represents a real increase of over 650 students living in condominiums today compared to 2002. There has also been an increase in the percentage of students living in apartments, with 2% in 2002 compared to 7% in 2022, or a total of 739 students living in apartments in 2022. Students are slightly less likely to live in two or three family homes in 2022; as the previous table shows, the number of two and three family homes in Newton has also decreased.

Newton Public School Children by Housing Type*

Type of Housing	2002	% of Resident Students	2022	% of Resident Students	Change #	Change %
Single Family	7,777	73%	7,187	63%	-590	-8%
Two/Three Family	1,671	16%	1,662	15%	-9	-1%
Condominiums	526	5%	1,191	11%	665	126%
Apartment Buildings	251	2%	739	7%	488	194%
Mixed Use / Other	389	4%	540	5%	151	39%
Total	10,614	100%	11,319	100%	705	7%

* Preschool - Grade 12

Source: Newton Geographic Information Systems

Real Estate Sales

According to data obtained from City of Newton records, there have been 1,096 residential property sales so far in calendar year 2022 (through October 31, 2022) versus 1,528 in 2021. Combined with the number of homes currently advertised for sale in Newton (101 homes as of December 2022; please see Table 9 in Appendix B for details), home sales in 2022 may likely be lower than 2021 (please note that this may omit homes that are

pending sale at the time that the data was collected). Calendar year 2021 had the highest number of home sales in the past 17 years. Appendix B, Table 8 shows home sale data by elementary school district.

Additional information is provided in Table 9 of Appendix B with properties listed for sale by school district in Newton as of December 2022; there are 101 properties listed for sale in Newton. At a similar time last year, there were 98 properties listed for sale. Forty-seven percent of the properties listed for sale in Newton are single family homes, with most of these homes (89% of the listed homes) having four or more bedrooms. Half of the properties for sale are condos, with 37% of those listed four bedrooms or more. 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 Cabot school district, 50% of properties for sale are single family and 50% are condominiums.

**TABLE 1
PROJECTED ENROLLMENTS BY SCHOOL
2023-24 TO 2027-28**

School	SP*	Actual FY23	Projections Using 5 Year Average Ratios**				
			FY24	FY25	FY26	FY27	FY28
Angier		376	375	357	345	336	330
Bowen		360	355	341	335	324	316
Burr		368	370	363	363	368	370
Cabot		442	463	472	463	439	444
Countryside		372	367	373	392	394	395
Franklin		363	352	332	320	296	281
Horace Mann		357	360	354	342	336	332
Lincoln-Eliot		338	336	321	330	322	330
Mason-Rice		332	321	312	308	290	285
Memorial-Spaulding		397	379	375	373	376	332
Peirce		241	238	228	230	232	237
Underwood		221	228	213	209	196	188
Ward		194	191	167	156	134	120
Williams		231	223	218	231	249	264
Zervas		406	409	401	393	400	397
TOTAL ELEMENTARY	(0)	4,998	4,967	4,827	4,790	4,692	4,621
Bigelow		445	413	434	457	515	500
Brown		750	709	690	655	653	654
Day		920	862	866	856	862	836
Oak Hill		657	648	654	639	602	632
TOTAL MIDDLE	(0)	2,772	2,632	2,644	2,607	2,632	2,622
Newton North	(37)	2,110	2,157	2,113	2,033	1,950	1,903
Newton South	(4)	1,837	1,873	1,910	1,955	1,951	1,885
TOTAL HIGH SCHOOL	(41)	3,947	4,030	4,023	3,988	3,901	3,788
GRAND TOTAL	(41)	11,717	11,629	11,494	11,385	11,225	11,031

*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 2027

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	1999	2000
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	412	418
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	377	383
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	278	270
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	385	362
Carr	401	1963	295	290	271	269	235																					
Clafin	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	499	482
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	389	390
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	301	303
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	285	281
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	393	364
Memorial	536	1953	181	152																								
Memorial-Spaulding	486	1992	372	349	309	309	301	284	264	264	372	382	401	415	418	445	449	452	486	426	469	477	454	452	448	462	452	
Oak Hill Elementary	450	1962	310	304	323	341	304	274	268	230	207																	
Peirce	429	1960	390	362	341	345	349	355	355	302	290	291	266	253	253	267	282	283	272	292	270	270	259	250	281	282	271	281
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	278	264
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	343	325
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	258	241
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	281	281
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	4,735	4,851	5,007	5,297	5,503	5,647	5,805	5,216	5,363	5,309	5,318	5,260	5,293	5,212	5,097
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	-81	-115
% 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%	2.4%	3.2%	5.8%	3.9%	2.6%	2.8%	-10.1%	2.8%	-1.0%	0.2%	-1.1%	0.6%	-1.5%	-2.2%
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	15	15
Bigelow	612	1996	589	572	575	529	517	503	482	537	425	350	168								534	567	590	612	522	483	446	465
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	771	752
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	804	835
Oak Hill Middle	639	2016																							572	578	619	620
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	1,305	1,400	1,459	2,278	2,301	2,343	2,442	2,562	2,614	2,640	2,672
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	26	32
% 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%	1.0%	1.2%
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	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	2,123	2,144
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	1,273	1,333
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	3,396	3,477
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	137	81
% 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%	4.2%	2.4%
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	11,248	11,246
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	82	-2
% 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%	0.7%	0.0%

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

TABLE 2

Newton Public Schools
Enrollment History and Projections by School
1975 to 2027

School Name	Peak Enroll	Peak Year	Historical																			Projected							
			2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Angier	752	1953	412	396	371	363	370	379	401	392	389	375	395	408	417	402	409	421	467	503	502	428	423	376	375	357	345	336	330
Bowen	502	2013	351	336	335	375	386	413	428	435	454	449	448	477	502	475	449	417	421	397	372	342	345	360	355	341	335	324	316
Burr	496	1967	294	300	303	314	314	333	331	369	379	391	409	415	424	424	412	402	386	384	366	339	355	368	370	363	363	368	370
Cabot	539	1967	360	352	353	357	391	420	424	425	449	452	440	420	419	418	403	400	391	386	393	379	412	442	463	472	463	439	444
Carr	401	1963																											
Clafin	420	1960																											
Countryside	557	1959	453	455	446	448	463	437	447	479	472	499	490	479	457	466	450	436	410	413	413	369	371	372	367	373	392	394	395
Davis	352	1961																											
Emerson	345	1955																											
Franklin	601	1961	398	384	397	386	385	414	401	396	402	397	401	396	389	413	424	446	434	427	413	379	402	363	352	332	320	296	281
Hamilton	222	1960																											
Horace Mann	434	2014	313	330	333	337	344	350	348	370	371	373	386	394	427	434	412	417	404	399	391	377	369	357	360	354	342	336	332
Hyde	669	1952																											
Lincoln-Eliot	435	1970	252	220	242	229	282	281	293	284	291	293	317	322	329	337	340	346	374	365	362	353	314	338	336	321	330	322	330
Mason-Rice	620	1962	369	364	352	365	372	372	410	422	428	442	437	438	457	478	492	507	512	487	446	366	337	332	321	312	308	290	285
Memorial	536	1953																											
Memorial-Spaudling	486	1992	417	440	447	427	419	443	449	442	438	459	458	464	429	434	452	454	453	464	465	404	395	397	379	375	373	376	332
Oak Hill Elementary	450	1962																											
Peirce	429	1960	270	271	271	286	306	324	329	338	329	318	316	337	312	306	314	299	276	271	284	238	238	241	238	228	230	232	237
Spaulding	587	1961																											
Underwood	582	1970	276	294	276	275	264	288	295	282	262	282	289	310	327	341	326	313	284	290	269	225	221	221	228	213	209	196	188
Ward	506	1971	304	281	274	262	237	247	260	260	269	278	301	289	304	304	313	309	296	255	216	211	194	191	167	156	134	120	
Williams	375	1969	257	260	254	264	275	295	281	276	277	298	302	304	304	292	290	293	296	278	261	246	225	231	223	218	231	249	264
Zervas (formerly Beethoven)	434	2019	276	287	284	287	300	332	324	328	326	349	321	325	317	309	308	337	407	427	434	394	423	406	409	401	393	400	397
Peabody (Special Education)																													
Total Elem			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	5,055	5,041	4,998	4,967	4,827	4,790	4,692	4,621
Change			-95	-32	-32	37	158	185	90	90	29	119	41	103	9	34	-48	16	23	-37	-161	-571	-14	-43	-31	-140	-37	-98	-71
% Change			-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%	-10.1%	-0.3%	-0.9%	-0.6%	-2.8%	-0.8%	-2.0%	-1.5%
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	15
Bigelow	612	1996	477	513	520	510	496	495	487	505	527	523	533	531	525	504	509	525	521	501	494	506	465	445	413	434	457	515	500
Brown (formerly Meadowbrook)	1,024	1964	735	756	770	787	705	665	644	681	684	666	677	698	743	738	780	774	753	744	778	794	759	750	709	690	655	653	654
Day	999	2019	855	822	785	758	768	747	764	747	773	758	845	874	947	932	927	922	980	976	999	959	941	920	862	866	856	862	836
Oak Hill Middle	639	2016	621	597	598	565	565	567	558	547	572	603	612	616	634	632	602	639	614	630	632	647	661	657	648	654	639	602	632
Warren	1,270	1969																											
Weeks	1,033	1960																											
Total Middle School			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	2,906	2,826	2,772	2,632	2,644	2,607	2,632	2,622
Change			16	0	-15	-53	-86	-60	-21	27	76	-6	117	52	130	-43	12	42	8	-17	52	3	-80	-134	-140	12	-37	25	-10
% Change			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%	0.1%	-2.8%	-4.6%	-5.1%	0.5%	-1.4%	1.0%	-0.4%
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	4
North	2,976	1972	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	2,080	2,107	2,110	2,157	2,113	2,033	1,950	1,903
South	1,983	2019	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	1,869	1,836	1,837	1,873	1,910	1,955	1,951	1,885
Total High School			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	3,949	3,943	3,947	4,030	4,023	3,968	3,901	3,788
Change			83	58	38	17	75	-39	-14	-103	-68	55	-11	93	132	71	41	91	62	-11	35	-133	-6	4	83	-7	-35	-87	-113
% Change			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%	-3.3%	-0.2%	0.1%	2.1%	-0.2%	-0.9%	-2.2%	-2.9%
Grand Total			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	11,910	11,810	11,717	11,629	11,494	11,385	11,225	11,031
Change			4	26	-9	1	147	86	55	14	37	168	147	248	271	62	5	149	93	-65	-74	-701	-100	-193	-88	-135	-109	-160	-194
% Change			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%	-5.6%	-0.8%	-1.6%	-0.8%	-1.2%	-0.9%	-1.4%	-1.7%

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

**TABLE 3
PROJECTED ENROLLMENTS BY GRADE
2023-24 TO 2027-28**

Grade	Actual FY23	Projections Using 5 Year Average Ratios**				
		FY24	FY25	FY26	FY27	FY28
K	711	704	617	696	656	688
1	820	796	788	693	780	726
2	861	847	820	811	713	802
3	855	874	867	839	824	725
4	888	855	875	869	842	828
5	863	891	860	882	877	852
TOTAL ELEMENTARY	4,998	4,967	4,827	4,790	4,692	4,621
Diff. from Previous Year		-31	-140	-37	-98	-71
% Change		-0.6%	-2.8%	-0.8%	-2.0%	-1.5%
6	899	850	884	857	874	878
7	878	904	855	894	863	881
8	995	878	905	856	895	863
TOTAL MIDDLE	2,772	2,632	2,644	2,607	2,632	2,622
Diff. from Previous Year		-140	12	-37	25	-10
% Change		-5.1%	0.5%	-1.4%	1.0%	-0.4%
9	975	1027	911	939	886	921
10	995	1000	1051	932	963	907
11	950	1003	1008	1059	941	970
12	986	964	1017	1022	1075	954
SP*	41	36	36	36	36	36
TOTAL HIGH	3,947	4,030	4,023	3,988	3,901	3,788
Diff. from Previous Year		83	-7	-35	-87	-113
% change		2.1%	-0.2%	-0.9%	-2.2%	-2.9%
GRAND TOTAL	11,717	11,629	11,494	11,385	11,225	11,031
Diff. from Previous Year		-88	-135	-109	-160	-194
% Change		-0.8%	-1.2%	-0.9%	-1.4%	-1.7%

*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 2027

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	1999	2000
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	787	736
1	1,088	1,009	873	804	723	702	652	650	617	688	712	734	749	753	773	851	845	865	921	946	904	871	887	850	866	804
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	867	857
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	901	889
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	887	901
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	885	894
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	19	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	4,225	4,417	4,623	4,793	4,897	5,035	5,216	5,363	5,309	5,318	5,260	5,293	5,212	5,097
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	-81	-115
% 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%	-1.5%	-2.2%
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	911	869
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	843	930
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	846	851
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	40	22
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	2,640	2,672
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	26	32
% 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%	1.0%	1.2%
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	918	872
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	875	888
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	755	867
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	772	765
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	76	85
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	3,396	3,477
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	137	81
% 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%	4.2%	2.4%
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	11,248	11,246
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	82	-2
% 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%	0.7%	0.0%

*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 4

Newton Public Schools
Enrollment History and Projections by Grade
1975 to 2027

Grade																					Projected						
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
K	766	792	796	805	867	887	868	830	862	896	895	934	958	938	877	885	850	848	825	674	738	711	704	617	696	656	688
1	749	805	837	856	853	916	926	950	877	926	940	936	977	999	1,005	943	966	907	902	819	813	820	796	788	693	780	726
2	811	795	828	836	868	895	950	924	989	908	956	966	945	979	992	1,042	960	980	918	854	837	861	847	820	811	713	802
3	849	815	818	831	860	896	892	962	931	1,007	923	981	982	946	977	1,005	1,041	970	968	870	881	855	874	867	839	824	725
4	896	855	817	819	847	859	897	908	967	932	1,017	938	993	980	949	976	1,020	1,058	952	929	858	888	855	875	869	842	828
5	916	894	832	811	820	851	858	905	884	960	937	1,021	944	991	985	950	987	1,024	1,061	909	914	863	891	860	882	877	852
SPED	15	14	10	17	18	14	17	19	17	17	19	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total K-5	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	5,055	5,041	4,998	4,967	4,827	4,790	4,692	4,621
Change	-95	-32	-32	37	158	185	90	90	29	119	41	103	9	34	-48	16	23	-37	-161	-571	-14	-43	-31	-140	-37	-98	-71
% Change	-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%	-10.1%	-0.3%	-0.9%	-0.6%	-2.8%	-0.8%	-2.0%	-1.5%
6	858	916	895	829	804	824	828	829	877	863	922	900	978	922	963	961	931	973	995	999	882	899	850	884	857	874	878
7	881	875	902	889	836	810	825	836	826	863	875	922	932	963	912	972	948	932	984	957	992	878	904	855	894	863	881
8	923	884	867	898	892	837	797	809	848	817	866	889	939	921	943	927	989	946	924	950	952	995	878	905	856	895	863
SPED	26	13	9	4	2	3	3	6	5	7	4	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total 6-8	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	2,906	2,826	2,772	2,632	2,644	2,607	2,632	2,622
Change	16	0	-15	-53	-86	-60	-21	27	76	-6	117	52	130	-43	12	42	8	-17	52	3	-80	-54	-140	12	-37	25	-10
% Change	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%	0.1%	-2.8%	-1.9%	-5.1%	0.5%	-1.4%	1.0%	-0.4%
9	868	925	899	892	919	905	877	821	835	904	875	931	954	977	945	992	980	1,012	997	929	960	975	1,027	911	939	886	921
10	872	865	933	899	906	911	912	868	846	850	896	886	941	941	973	976	998	983	1,036	979	942	995	1,000	1,051	932	963	907
11	877	887	863	925	898	927	927	902	862	843	843	897	888	964	937	1,007	988	999	1,000	1,018	971	950	1,003	1,008	1,059	941	970
12	864	855	890	860	917	882	914	918	879	879	830	845	910	888	946	925	1,006	984	1,020	993	1,040	986	964	1,017	1,022	1,075	954
SPED*	79	86	71	97	108	84	65	83	102	103	124	102	100	94	104	96	86	69	29	30	30	41	36	36	36	36	36
Total 9-12	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	3,949	3,943	3,947	4,030	4,023	3,988	3,901	3,788
Change	83	58	38	17	75	-39	-14	-103	-68	55	-11	93	132	71	41	91	62	-11	35	-133	-6	4	83	-7	-35	-87	-113
% Change	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%	-3.3%	-0.2%	0.1%	2.1%	-0.2%	-0.9%	-2.2%	-2.9%
Grand Total	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	11,910	11,810	11,717	11,629	11,494	11,385	11,225	11,031
Change	4	26	-9	1	147	86	55	14	37	168	147	248	271	62	5	149	93	-65	-74	-701	-100	-93	-88	-135	-109	-160	-194
% Change	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%	-5.6%	-0.8%	-0.8%	-0.8%	-1.2%	-0.9%	-1.4%	-1.7%

*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 typically prepared by combining the current year's official enrollment as reported on October 1, 2022 to the Department of Elementary and Secondary Education with other available demographic data for Newton. A model of five-year average cohort survival ratios is applied to the current enrollment 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.

For the cohort survival ratio methodology, a cohort is defined as a group of students in a specific grade level who are at a specific school or are all going to the same school in the next year. To calculate the cohort survival ratio for a particular grade level in a particular year, the number of students enrolled in the cohort for the current year is divided by the number of students in that cohort from the prior year. These cohort survival ratios for each grade level and school in Newton for the past five years are averaged to calculate the five-year average cohort survival ratios for each grade level and school. These ratios are then applied to this year's current resident enrollment at each grade and school to calculate the projections for the next five years. Non-resident students are not included in the cohort for the cohort survival ratio calculation but are added to the total projection for the next five years after the cohort survival ratio is applied to the current year's enrollment. For example, assuming that the five-year average cohort survival ratio for Bowen, Memorial-Spaulding, 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 a final projection of 233 students for students entering the 6th grade at Oak Hill next year.

This year's projections use a modified five-year average cohort survival ratio methodology like last year, given the large enrollment decline in 2020 primarily due to the COVID-19 pandemic. Rather than include the 2020 cohort survival ratios in the five-year average (which are very low and would decrease the five-year average ratios), the 2020 cohort survival ratios are omitted and four years of cohort survival ratios are used (including 2022, 2021, 2019, and 2018).

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.*
- Students participating in the METCO program are added to each school and grade after the average cohort survival ratios are applied. Students participating in the METCO program 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 added to each school and grade after the average cohort survival ratios have been applied when special permits or building 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 2022-23 kindergarten class of 711 marks an eighth year of declining kindergarten enrollments, a shift from the three recent years of kindergarten enrollment over 900 students, of which the 2013-14 enrollment was the peak. The second chart illustrates the trend over time of how Newton’s four-year old population (documented on the City census) relates to the kindergarten population. This ratio has been rising due to decreasing numbers of age 4 children 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 in each year.

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
2022-23	711
50 year average	802
20 year average	843
10 year average	806

Age Four to Kindergarten Ratio

Year	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
4-year olds (prior year census)	744	683	686	705	708	682	615	554	567	473	509	544	487	481	411	364
K population	868	830	862	896	895	934	958	938	877	885	850	848	825	674	738	711
Ratio	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	1.40	1.80	1.95

Next year’s kindergarten projection of 704 students is calculated using an adjusted three-year average of the previous kindergarten enrollments, a more conservative approach than using the four-year or five-year average. As in grades 1-12, the 2020 school year is omitted from the three-year average for kindergarten. The adjusted three-year average methodology for kindergarten uses kindergarten classes from 2019, 2021, and 2022. This three-year average captures experience with kindergarten populations in the more recent past and excludes some of the larger kindergarten classes of four and five years ago (above 800). Similar to the average cohort survival ratio methodology, the three-year average for kindergarten students is calculated for resident students by elementary school, and projected non-resident student counts are added to each year’s projection after the average

has been calculated. This kindergarten projection is then used to calculate a birth to kindergarten ratio for each year of the projection, which can be compared to historical ratios to identify if any adjustments need to be made to the kindergarten projection. If the birth to kindergarten ratio is much higher or lower than recent experience, manual adjustments are made to the kindergarten projection in a particular year of the projection so that the birth to kindergarten ratio reflects recent experience. Because the number of births has been declining, an adjustment has been made to the projected number of kindergarten students in each of the next five years to bring the birth to kindergarten ratios in line with recent experience. This adjustment was made by individual elementary school, proportionate to the percentage of housing within an individual elementary school district (adjusting for buffer zones) while also considering the number of home sales and homes currently for sale within that district. The adjustment was largest for fall 2024 because of the low number of births for that kindergarten class (birth year of 2019), resulting in the lowest kindergarten projection across the five-year projection (617 students).

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 in the methodology.

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 663 resident births in 2018 and the projected kindergarten class of 704 students next year produce a ratio of 1.06, which is slightly higher than the actual five-year average birth to kindergarten ratio (omitting 2020). With the omission of 2020, the actual five-year average birth to kindergarten ratio is 1.04 and the actual ten year average birth to kindergarten ratio is 1.08. The birth to kindergarten ratios in the last three years of the projection are slightly higher than the first two years given the increase in residential developments and increase in home sales in 2020 and 2021.

Resident Births* to Kindergarten Ratios

Birth Year	Births to Kindergarten Ratios															
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018**	2019**	2020**	2021**	2022**
# of Births	815	907	806	787	787	812	801	797	771	710	696	663	580	642	605	637
Kindergarten Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Kindergarten	934	958	938	877	885	850	848	825	674	738	711	704	617	696	656	688
Ratio	1.15	1.06	1.16	1.11	1.12	1.05	1.06	1.04	0.87	1.04	1.02	1.06	1.06	1.08	1.08	1.08

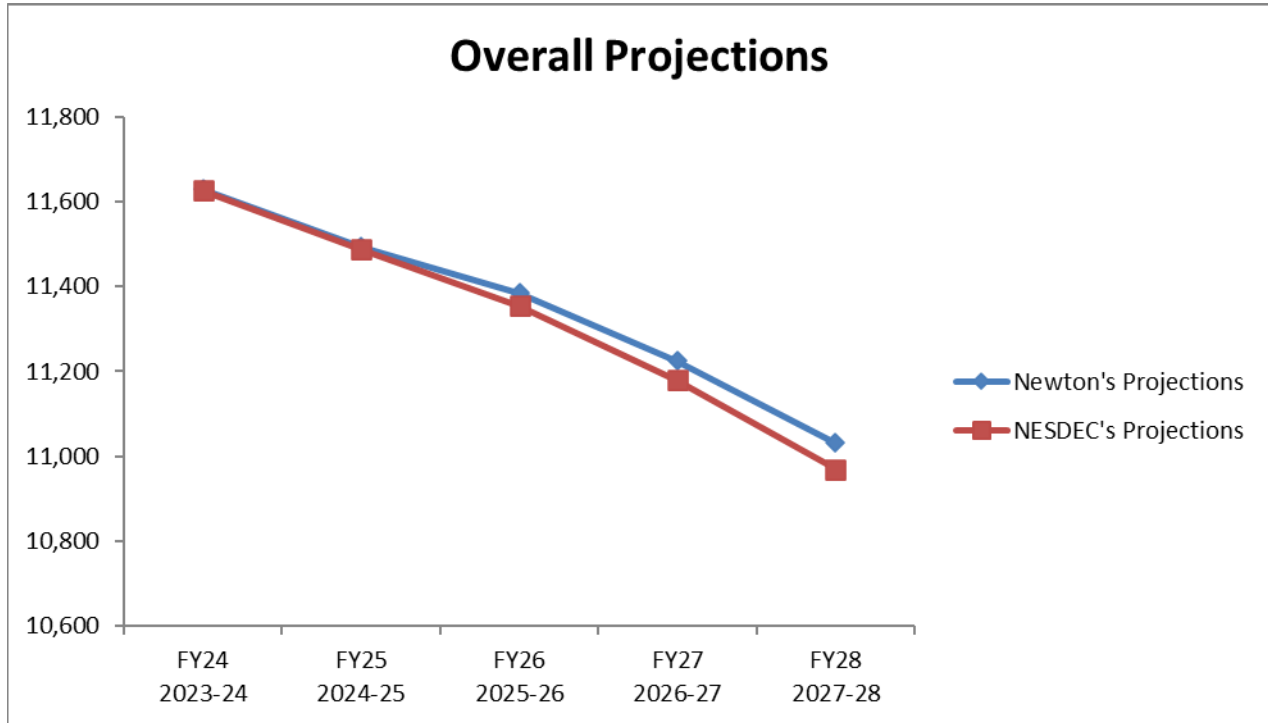
*Source is the Massachusetts Department of Public Health, Vital Statistics (obtained through NESDEC).

** Kindergarten class is projected.

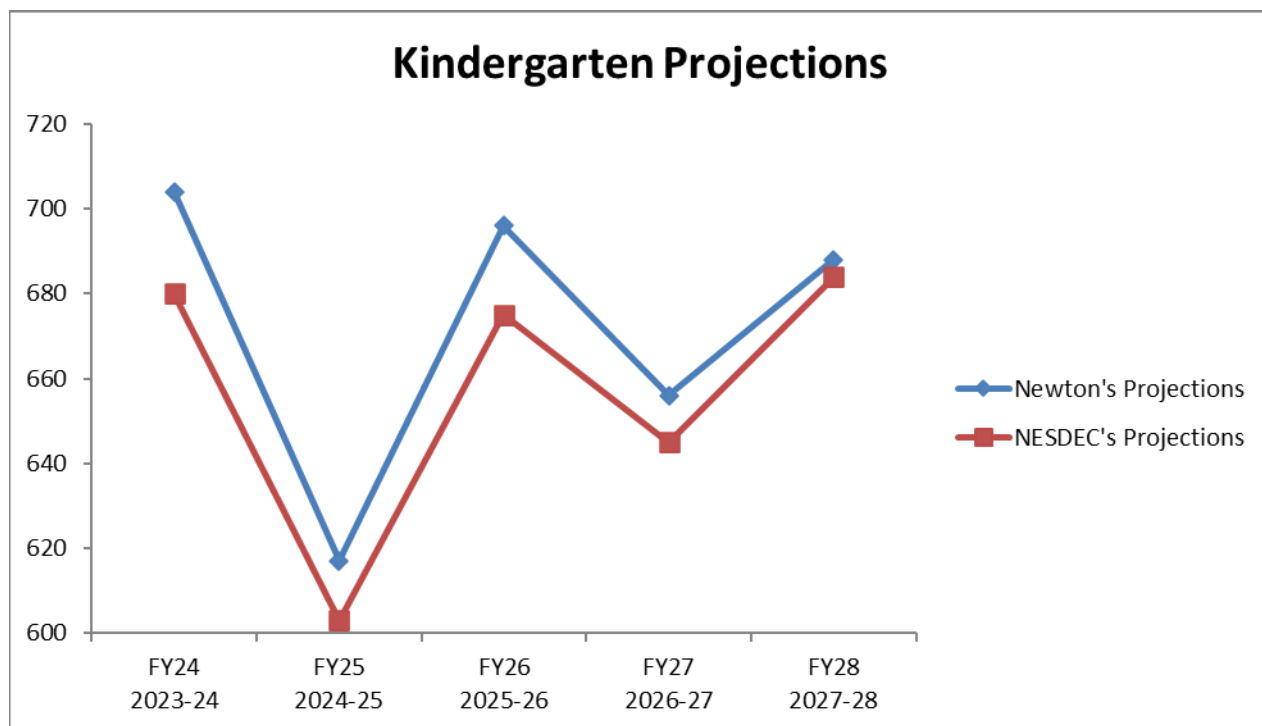
NESDEC Comparison

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 2023-24 are very similar to Newton's projections (NESDEC projects three fewer students 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 10 of Appendix C for more detail.

The divergence between Newton’s and NESDEC’s overall projections for the next five years grows in each of the projection as shown in the graph below, mainly due to Newton’s larger projections for the elementary level in each year. This is partially due to Newton’s larger kindergarten projections in each year, which move through the grade levels in each year of the projection.



NESDEC’s kindergarten projections are similar to Newton’s, albeit slightly smaller, as shown in the graph below. As mentioned previously, the birth data from the Massachusetts Registry of Vital Records and Statistics documents 580 resident births in 2019, which is a large decline from 663 resident births in 2018 and 696 resident births in 2017. This results in a much lower kindergarten projection for FY25 for both Newton and for NESDEC.



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-specific 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 (2022-23) by grade level compared to projections one, two and three years ago.

Projection History for 2022-23 (FY23)

Date Projected	Elementary	Middle	High School	Total
Fall 2019	5,405	2,962	4,146	12,513
Fall 2020	5,299	2,886	4,065	12,250
Fall 2021	4,999	2,787	3,927	11,713
Actual October 2022	4,998	2,772	3,947	11,717

Table 5 provides a one-page summary of last year’s projections by school. Table 6 provides school and grade detail comparing the 2022-23 enrollment to the projections made last year. Table 7 provides actual enrollment, corresponding projections, and percentage variance for each of the past five years since 2017-18, as well as the projections through 2027-28.

**TABLE 5
COMPARISON OF OCTOBER 2021 AND OCTOBER 2022 ENROLLMENTS AND
COMPARISON OF PROJECTED WITH ACTUAL OCTOBER 2022 ENROLLMENT**

SCHOOLS	OCTOBER 2021 ACTUAL	October 2022 Actual By Grade							OCTOBER 2022 ACTUAL	DIFF. 2022- 2021	% DIFF.	2022 Projected*	DIFF. ACTUAL/ PROJ.	% DIFF.
		K	1	2	3	4	5	6						
Angier	423	43	57	65	69	73	69		376	-47	-11.1%	416	-40	-9.6%
Bowen	345	51	57	61	61	65	65		360	15	4.3%	346	14	4.0%
Burr	355	58	60	60	66	63	61		368	13	3.7%	371	-3	-0.8%
Cabot	412	72	60	89	84	70	67		442	30	7.3%	436	6	1.4%
Countryside	371	56	64	65	55	63	69		372	1	0.3%	364	8	2.2%
Franklin	402	40	61	70	60	67	65		363	-39	-9.7%	382	-19	-5.0%
Horace Mann	369	45	60	62	70	62	58		357	-12	-3.3%	362	-5	-1.4%
Lincoln-Eliot	314	55	52	64	45	64	58		338	24	7.6%	313	25	8.0%
Mason-Rice	337	51	49	58	56	55	63		332	-5	-1.5%	325	7	2.2%
Memorial-Spaulding	395	56	86	49	62	63	81		397	2	0.5%	378	19	5.0%
Peirce	238	36	36	38	39	48	44		241	3	1.3%	231	10	4.3%
Underwood	221	37	38	44	35	41	26		221	0	0.0%	212	9	4.2%
Ward	211	16	33	42	35	41	27		194	-17	-8.1%	205	-11	-5.4%
Williams	225	40	39	34	39	39	40		231	6	2.7%	222	9	4.1%
Zervas	423	55	68	60	79	74	70		406	-17	-4.0%	436	-30	-6.9%
SUB-TOTAL	5,041	711	820	861	855	888	863		4,998	-43	-0.9%	4,999	-1	0.0%
SCHOOLS					6	7	8							
Bigelow	465				132	145	168		445	-20	-4.3%	447	-2	-0.4%
Brown	759				245	240	265		750	-9	-1.2%	761	-11	-1.4%
Day	941				296	290	334		920	-21	-2.2%	926	-6	-0.6%
Oak Hill	661				226	203	228		657	-4	-0.6%	653	4	0.6%
SUB-TOTAL	2,826				899	878	995		2,772	-54	-1.9%	2,787	-15	-0.5%
SCHOOLS				9	10	11	12	SP**						
Newton North	2,107			515	539	518	501	37	2,110	3	0.1%	2,083	27	1.3%
Newton South	1,836			460	456	432	485	4	1,837	1	0.1%	1,844	-7	-0.4%
SUB-TOTAL	3,943			975	995	950	986	41	3,947	4	0.1%	3,927	20	0.5%
GRAND TOTAL	11,810								11,717	-93	-0.8%	11,713	4	0.0%

*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 2022-23**

Grade	Angier		Bowen		Burr		Cabot		Countryside	
	Actual 22/23	Proj. 22/23	Actual 22/23	Proj. 22/23	Actual 22/23	Proj. 22/23	Actual 22/23	Proj. 22/23	Actual 22/23	Proj. 22/23
K	43	60	51	47	58	56	72	61	56	55
1	57	65	57	55	60	64	60	68	64	66
2	65	67	61	57	60	60	89	83	65	61
3	69	70	61	59	66	61	84	86	55	48
4	73	83	65	59	63	63	70	67	63	68
5	69	71	65	69	61	67	67	71	69	66
Total	376	416	360	346	368	371	442	436	372	364

Grade	Franklin		Horace Mann		Lincoln-Eliot		Mason-Rice		M-Spaulding	
	Actual 22/23	Proj. 22/23	Actual 22/23	Proj. 22/23	Actual 22/23	Proj. 22/23	Actual 22/23	Proj. 22/23	Actual 22/23	Proj. 22/23
K	40	58	45	53	55	50	51	48	56	56
1	61	63	60	62	52	44	49	48	86	69
2	70	67	62	59	64	57	58	53	49	54
3	60	62	70	69	45	43	56	59	62	59
4	67	67	62	61	64	60	55	56	63	62
5	65	65	58	58	58	59	63	61	81	78
Total	363	382	357	362	338	313	332	325	397	378

Grade	Peirce		Underwood		Ward		Williams		Zervas	
	Actual 22/23	Proj. 22/23	Actual 22/23	Proj. 22/23	Actual 22/23	Proj. 22/23	Actual 22/23	Proj. 22/23	Actual 22/23	Proj. 22/23
K	36	35	37	35	16	30	40	38	55	61
1	36	36	38	36	33	34	39	39	68	85
2	38	39	44	39	42	36	34	35	60	62
3	39	37	35	40	35	39	39	35	79	81
4	48	47	41	35	41	40	39	38	74	76
5	44	37	26	27	27	26	40	37	70	71
Total	241	231	221	212	194	205	231	222	406	436

Grade	TOTAL ELEM.		N Diff	% Diff.
	Actual 22/23	Proj. 22/23		
K	711	743	-32	-4.3%
1	820	834	-14	-1.7%
2	861	829	32	3.9%
3	855	848	7	0.8%
4	888	882	6	0.7%
5	863	863	0	0.0%
Total	4,998	4,999	-1	0.0%

**TABLE 6 (CONT.)
ACTUAL AND PROJECTED SECONDARY ENROLLMENTS BY SCHOOL 2022-23**

Grade	Bigelow		Brown		Day		Oak Hill	
	Actual 22/23	Proj. 22/23	Actual 22/23	Proj. 22/23	Actual 22/23	Proj. 22/23	Actual 22/23	Proj. 22/23
6	132	136	245	247	296	302	226	218
7	145	148	240	243	290	295	203	204
8	168	163	265	271	334	329	228	231
Total	445	447	750	761	920	926	657	653

Grade	TOTAL MIDDLE		N Diff.	% Diff.
	Actual 22/23	Proj. 22/23		
6	899	903	-4	-0.4%
7	878	890	-12	-1.3%
8	995	994	1	0.1%
Total	2,772	2,787	-15	-0.5%

Grade	North		South		TOTAL HIGH		N Diff.	% Diff.
	Actual 22/23	Proj. 22/23	Actual 22/23	Proj. 22/23	Actual 22/23	Proj. 22/23		
9	515	510	460	483	975	993	-18	-1.8%
10	539	519	456	455	995	974	21	2.2%
11	518	525	432	423	950	948	2	0.2%
12	501	499	485	483	986	982	4	0.4%
SP*	37	30	4	0	41	30	11	36.7%
Total	2,110	2,083	1,837	1,844	3,947	3,927	20	0.5%

*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.

Level	Actual 22/23	Proj. 22/23	N Diff.	% Diff.
Elementary	4,998	4,999	-1	0.0%
Middle	2,772	2,787	-15	-0.5%
High	3,947	3,927	20	0.5%
Total	11,717	11,713	4	0.0%

**TABLE 7
ACTUAL AND PROJECTED K-12 ENROLLMENTS 2017-18 TO 2027-28**

Grade	Actual 17/18	Proj. 17/18	Actual 18/19	Proj. 18/19	Actual 19/20	Proj. 19/20	Actual 20/21	Proj. 20/21	Actual 21/22	Proj. 21/22	Actual 22/23	Proj. 22/23	Proj. 23/24	Proj. 24/25	Proj. 25/26	Proj. 26/27	Proj. 27/28
K	850	902	848	885	825	870	674	837	738	807	711	743	704	617	696	656	688
1	966	935	907	901	902	904	819	894	813	917	820	834	796	788	693	780	726
2	960	955	980	978	918	914	854	919	837	891	861	829	847	820	811	713	802
3	1041	1060	970	971	968	989	870	925	881	898	855	848	874	867	839	824	725
4	1020	1013	1058	1050	952	981	929	978	858	910	888	882	855	875	869	842	828
5	987	980	1024	1031	1061	1066	909	960	914	971	863	863	891	860	882	877	852
Total	5,824	5,845	5,787	5,816	5,626	5,724	5,055	5,513	5,041	5,394	4,998	4,999	4,967	4,827	4,790	4,692	4,621
6	931	925	973	964	995	1012	999	1041	882	924	899	903	850	884	857	874	878
7	948	968	932	935	984	969	957	999	992	1007	878	890	904	855	894	863	881
8	989	979	946	953	924	932	950	986	952	971	995	994	878	905	856	895	863
Total	2,868	2,872	2,851	2,852	2,903	2,913	2,906	3,026	2,826	2,902	2,772	2,787	2,632	2,644	2,607	2,632	2,622
9	980	979	1012	1040	997	990	929	966	960	1010	975	993	1027	911	939	886	921
10	998	1002	983	988	1036	1017	979	1014	942	968	995	974	1000	1051	932	963	907
11	988	988	999	1013	1000	996	1018	1050	971	1006	950	948	1003	1008	1059	941	970
12	1006	1005	984	985	1020	993	993	998	1040	1028	986	982	964	1017	1022	1075	954
SP*	86	96	69	86	29	69	30	29	30	30	41	30	36	36	36	36	36
Total	4,058	4,070	4,047	4,112	4,082	4,065	3,949	4,057	3,943	4,042	3,947	3,927	4,030	4,023	3,988	3,901	3,788
K-12 TOTAL	12,750	12,787	12,685	12,780	12,611	12,702	11,910	12,596	11,810	12,338	11,717	11,713	11,629	11,494	11,385	11,225	11,031
% Variance	-0.3%		-0.7%		-0.7%		-5.4%		-4.3%		0.0%		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 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 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 2021-22 to 2022-23.

Table 9 shows Newton's historical cohort survival ratios by grade from 1991-92 through 2022-23. 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 (except for 2020-2021), 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, except for 2020-2021), 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 1.09 this year, which is higher than in recent years, except for last year, which was mainly because of the very small kindergarten class in 2020.

This year's ratio of 0.98 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 1.02, similar to the ratio of the past two years.

A Comparison to Peak Enrollment Years

The total 2022-23 enrollment of 11,717 is 64% 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
2021 and 2022**

Grade	October 1 Enrollment			Changes in Enrollment 2021-2022 to 2022-2023	
	2021	Net Migration	2022	N	%
K	738	+82	711	-27	-3.7%
1	813	+48	820	+7	+0.9%
2	837	+18	861	+24	+2.9%
3	881	+7	855	-26	-3.0%
4	858	+5	888	+30	+3.5%
5	914	-15	863	-51	-5.6%
TOTAL ELEMENTARY SCHOOLS	5,041		4,998	-43	-0.9%
6	882	-4	899	+17	+1.9%
7	992	+3	878	-114	-11.5%
8	952	+23	995	+43	+4.5%
9	960	+35	975	+15	+1.6%
10	942	+8	995	+53	+5.6%
11	971	+15	950	-21	-2.2%
12	1,040		986	-54	-5.2%
SP*	30		41	+11	+36.7%
TOTAL SECONDARY SCHOOLS	6,769		6,719	-50	-0.7%
GRAND TOTAL	11,810		11,717	-93	-0.8%

*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
20-21	0.99	0.95	0.95	0.96	0.95	0.94	0.96	0.97	1.01	0.98	0.98	0.99	0.97	0.96	0.97
21-22	1.21	1.02	1.03	0.99	0.98	0.97	0.99	0.99	1.01	1.01	0.99	1.02	1.11	1.05	1.02
22-23	1.11	1.06	1.02	1.01	1.01	0.98	1.00	1.00	1.02	1.04	1.01	1.02	1.09	1.04	1.02

INDIVIDUAL SCHOOL REPORTS

IV. INDIVIDUAL SCHOOL REPORTS

The individual school reports contain the following information:

Elementary Schools

1. Enrollments by grade for last year (2021-22) and this year (2022-23) and the change in enrollment at each grade level. Enrollment projections by grade for the next five years (2023-24 to 2027-28) are also reported based on an adjusted 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 (2021-22) and this year (2022-23) and the change in enrollment at each grade level. Enrollment projections by grade for the next five years (2023-24 to 2027-28) 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 2023-24.
4. A line graph depicting enrollment history over time and for projections (5 years).

High Schools

1. Enrollments by grade for last year (2021-22) and this year (2022-23) and the change in enrollment at each grade level. Enrollment projections by grade for the next five years (2023-24 to 2027-28) 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 2023-24.
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				
	2021 FY22	2022 FY23	N	%	2023 FY24	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	54	43	-11	-20.4%	53	45	47	47	47
1	62	57	-5	-8.1%	51	59	49	55	54
2	66	65	-1	-1.5%	61	52	61	51	57
3	80	69	-11	-13.8%	69	65	55	64	54
4	71	73	2	2.8%	69	68	65	55	64
5	90	69	-21	-23.3%	72	68	68	64	54
TOTAL	423	376*	-47	-11.1%	375	357	345	336	330

*2022 Includes 8 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		
2013	67	417		
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	49	428	-74	-14.7%
2021	54	423	-5	-1.2%
2022	43	376	-47	-11.1%
2023	53	375	-1	-0.3%
2024	45	357	-18	-4.8%
2025	47	345	-12	-3.4%
2026	47	336	-9	-2.6%
2027	47	330	-6	-1.8%

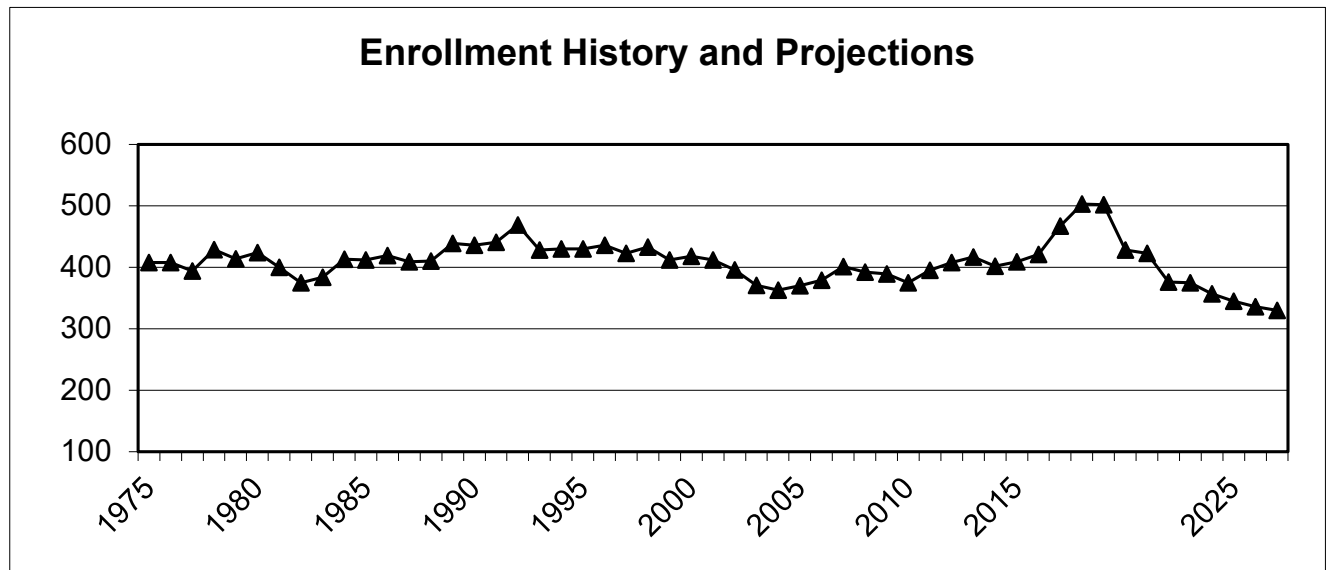
Peak enrollment year: 2018, 503 students

Angier

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2022 FY23	Avg. Class Size	2023 FY24	Avg. Class Size	Max Size	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	2	21.5	3	17.7	18.0	3	3	3	3
1	3	19.0	3	17.0	17.0	3	2	3	3
2	4	16.3	3	20.3	21.0	3	3	3	3
3	4	17.3	3	23.0	23.0	3	3	3	3
4	4	18.3	3	23.0	23.0	3	3	3	3
5	3	23.0	3	24.0	24.0	3	3	3	3
TOTAL	20		18			18	17	18	18
Avg. Class Size	18.8		20.8			19.8	20.3	18.7	18.3

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.



Bowen

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2021 FY22	2022 FY23	N	%	2023 FY24	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	46	51	5	10.9%	46	39	46	42	43
1	57	57	0	0.0%	59	55	45	55	48
2	58	61	3	5.2%	57	59	55	45	55
3	59	61	2	3.4%	65	60	62	57	47
4	66	65	-1	-1.5%	61	65	61	63	58
5	59	65	6	10.2%	67	63	66	62	65
TOTAL	345	360*	15	4.3%	355	341	335	324	316

*2022 Includes 20 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		
2013	95	502		
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	44	342	-30	-8.1%
2021	46	345	3	0.9%
2022	51	360	15	4.3%
2023	46	355	-5	-1.4%
2024	39	341	-14	-3.9%
2025	46	335	-6	-1.8%
2026	42	324	-11	-3.3%
2027	43	316	-8	-2.5%

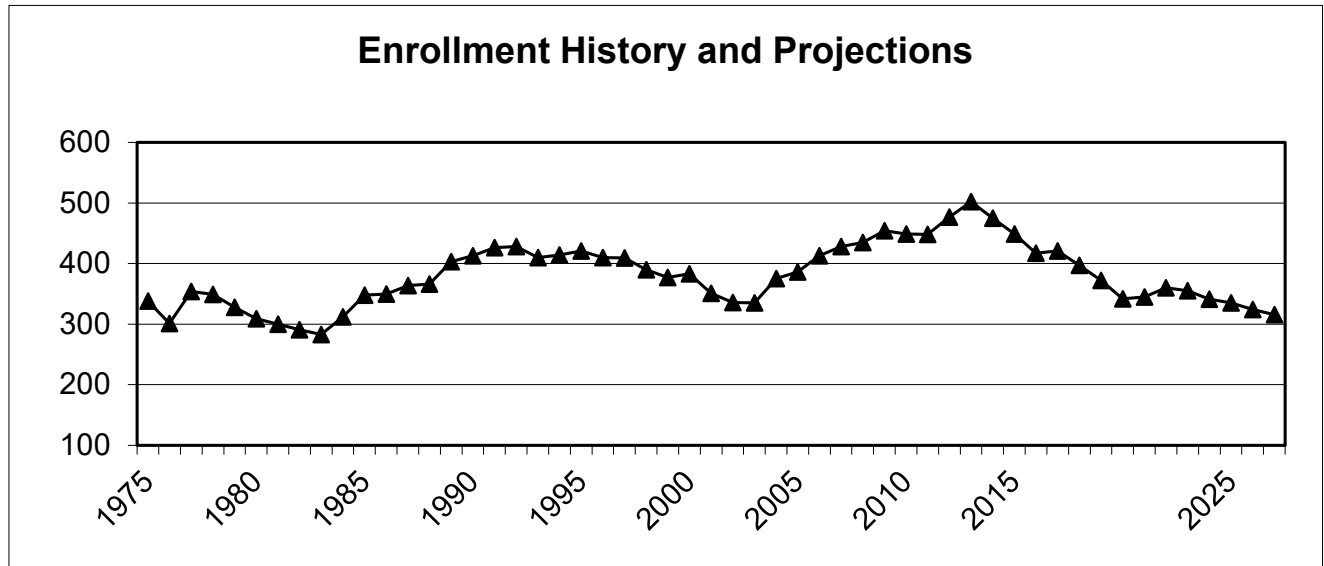
Peak enrollment year: 2013, 502 students

Bowen

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2022 FY23	Avg. Class Size	2023 FY24	Avg. Class Size	Max Size	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	3	17.0	3	15.3	16.0	2	3	2	2
1	3	19.0	3	19.7	20.0	3	2	3	2
2	3	20.3	3	19.0	19.0	3	3	2	3
3	3	20.3	3	21.7	22.0	3	3	3	2
4	3	21.7	3	20.3	21.0	3	3	3	3
5	3	21.7	3	22.3	23.0	3	3	3	3
TOTAL	18		18			17	17	16	15
Avg. Class Size	20.0		19.7			20.1	19.7	20.3	21.1

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.



Burr

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2021 FY22	2022 FY23	N	%	2023 FY24	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	55	58	3	5.5%	57	51	59	57	57
1	60	60	0	0.0%	66	64	60	68	64
2	63	60	-3	-4.8%	61	66	64	60	68
3	65	66	1	1.5%	60	60	65	62	58
4	67	63	-4	-6.0%	65	58	58	63	61
5	45	61	16	35.6%	61	64	57	58	62
TOTAL	355	368*	13	3.7%	370	363	363	368	370

*2022 Includes 8 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		
2013	80	424		
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	50	339	-27	-7.4%
2021	55	355	16	4.7%
2022	58	368	13	3.7%
2023	57	370	2	0.5%
2024	51	363	-7	-1.9%
2025	59	363	0	0.0%
2026	57	368	5	1.4%
2027	57	370	2	0.5%

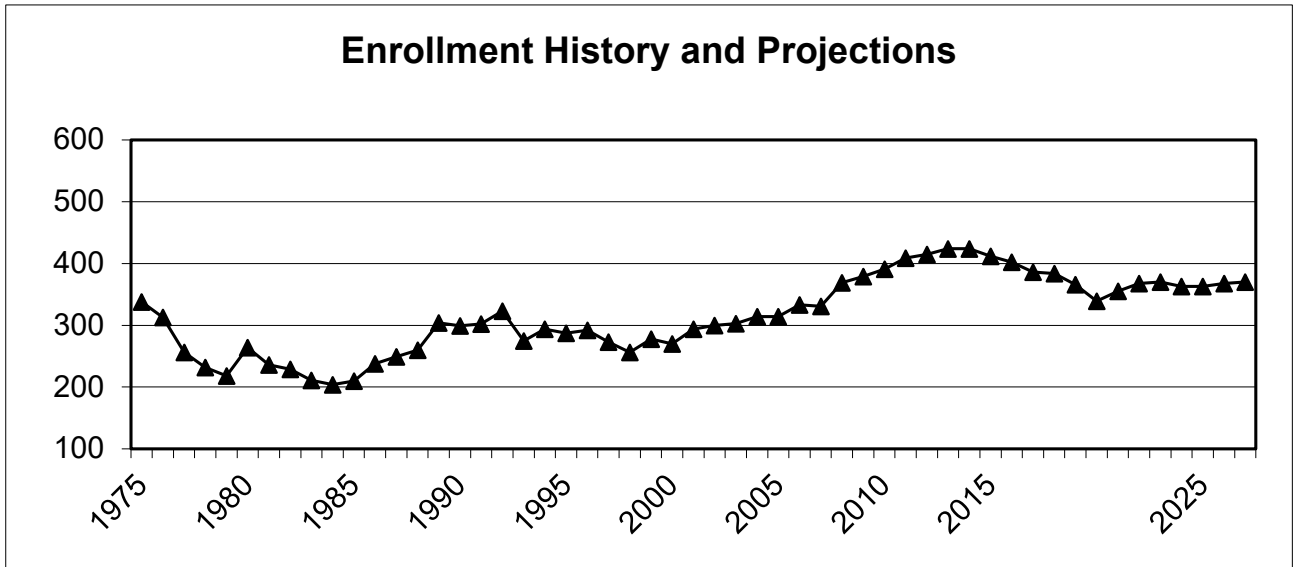
Peak enrollment year: 2013, 424 students

Burr

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2022 FY23	avg. Class Size	2023 FY24	avg. Class Size	Max Size	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	3	19.3	3	19.0	19.0	3	3	3	3
1	3	20.0	3	22.0	22.0	3	3	3	3
2	3	20.0	3	20.3	21.0	3	3	3	3
3	3	22.0	3	20.0	20.0	3	3	3	3
4	3	21.0	3	21.7	22.0	3	3	3	3
5	3	20.3	3	20.3	21.0	3	3	3	3
TOTAL	18		18			18	18	18	18
Avg. Class Size	20.4		20.6			20.2	20.2	20.4	20.6

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				
	2021 FY22	2022 FY23	N	%	2023 FY24	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	57	72	15	26.3%	59	52	62	56	57
1	75	60	-15	-20.0%	84	68	58	69	62
2	86	89	3	3.5%	69	94	75	64	77
3	66	84	18	27.3%	91	71	95	76	65
4	68	70	2	2.9%	88	95	74	99	80
5	60	67	7	11.7%	72	92	99	75	103
TOTAL	412	442*	30	7.3%	463	472	463	439	444

*2022 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		
2013	54	419		
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	56	379	-14	-3.6%
2021	57	412	33	8.7%
2022	72	442	30	7.3%
2023	59	463	21	4.8%
2024	52	472	9	1.9%
2025	62	463	-9	-1.9%
2026	56	439	-24	-5.2%
2027	57	444	5	1.1%

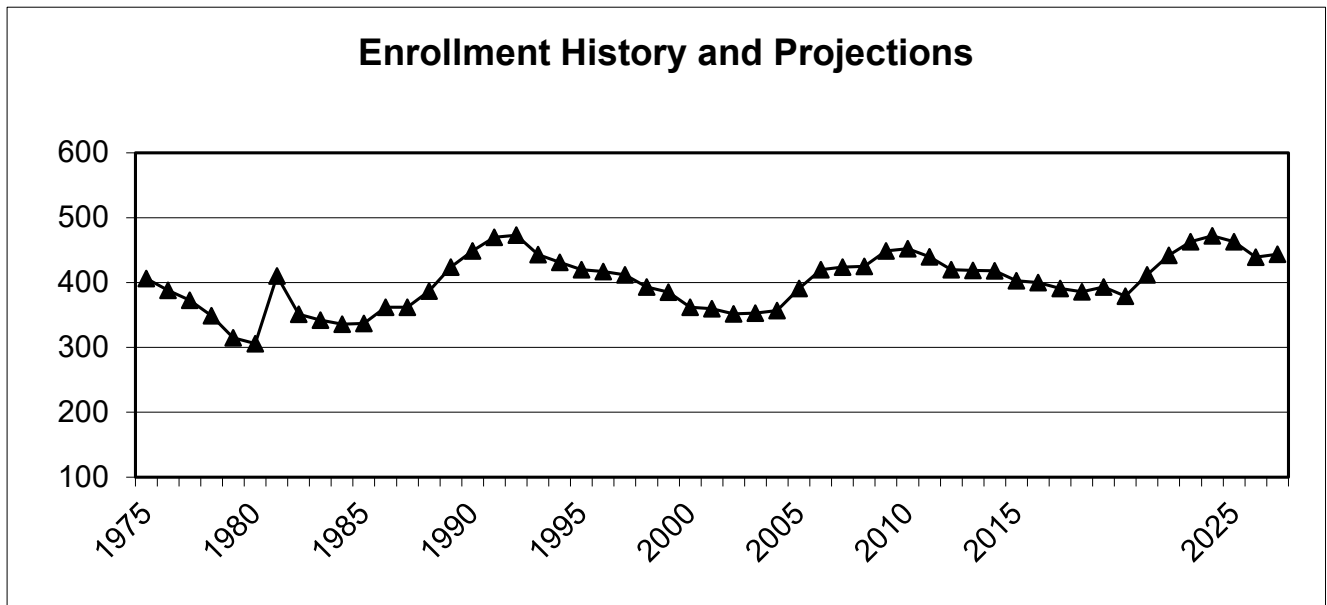
Peak enrollment year: 2024, 472 students

Cabot

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2022 FY23	Avg. Class Size	2023 FY24	Avg. Class Size	Max Size	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	4	18.0	3	19.7	20.0	3	3	3	3
1	3	20.0	4	21.0	21.0	3	3	3	3
2	4	22.3	3	23.0	23.0	4	3	3	4
3	4	21.0	4	22.8	23.0	3	4	4	3
4	3	23.3	4	22.0	22.0	4	3	4	4
5	3	22.3	3	24.0	24.0	4	4	3	5
TOTAL	21		21			21	20	20	22
Avg. Class Size	21.0		22.0			22.5	23.2	22.0	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.



Countryside

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2021 FY22	2022 FY23	N	%	2023 FY24	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	58	56	-2	-3.4%	50	47	54	50	57
1	65	64	-1	-1.5%	65	60	56	66	56
2	47	65	18	38.3%	62	66	61	57	67
3	66	55	-11	-16.7%	70	69	74	68	63
4	65	63	-2	-3.1%	55	72	71	76	70
5	70	69	-1	-1.4%	65	59	76	77	82
TOTAL	371	372*	1	0.3%	367	373	392	394	395

*2022 Includes 18 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		
2013	64	457		
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	54	369	-44	-10.7%
2021	58	371	2	0.5%
2022	56	372	1	0.3%
2023	50	367	-5	-1.3%
2024	47	373	6	1.6%
2025	54	392	19	5.1%
2026	50	394	2	0.5%
2027	57	395	1	0.3%

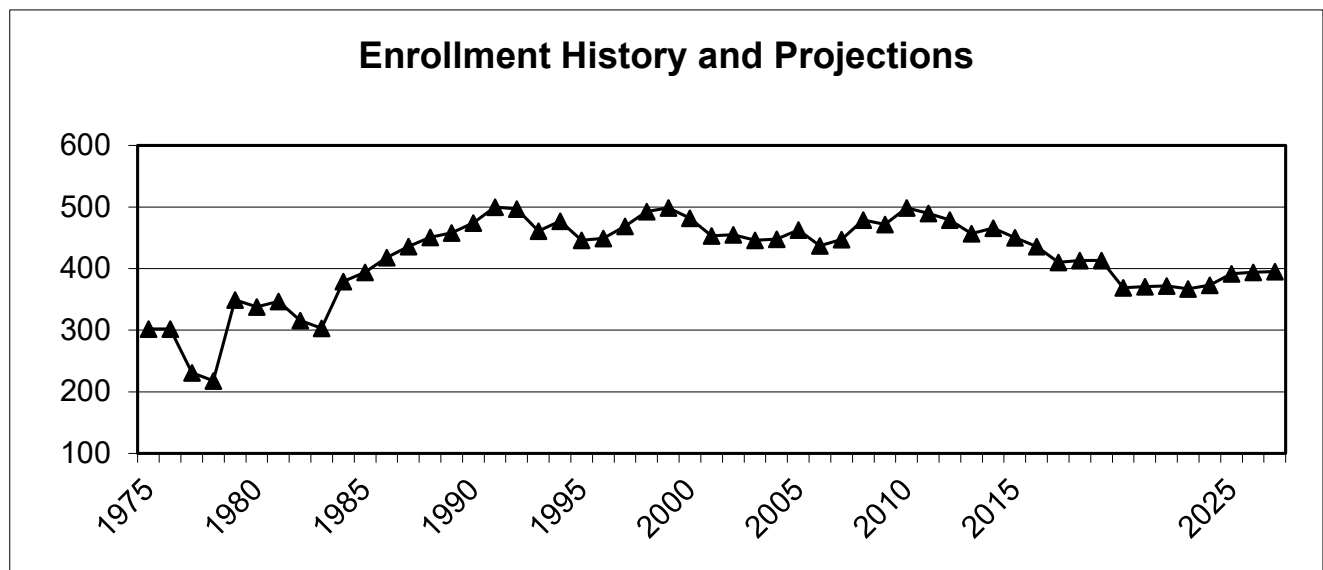
Peak enrollment year: 2014, 466 students

Countryside

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2022 FY23	Avg. Class Size	2023 FY24	Avg. Class Size	Max Size	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	3	18.7	3	16.7	17.0	3	3	3	3
1	4	16.0	3	21.7	22.0	3	3	3	3
2	3	21.7	3	20.7	21.0	3	3	3	3
3	3	18.3	3	23.3	24.0	3	3	3	3
4	3	21.0	3	18.3	19.0	3	3	4	3
5	3	23.0	3	21.7	22.0	3	4	4	4
TOTAL	19		18			18	19	20	19
Avg. Class Size	19.6		20.4			20.7	20.6	19.7	20.8

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.



Franklin

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2021 FY22	2022 FY23	N	%	2023 FY24	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	57	40	-17	-29.8%	50	42	43	42	44
1	68	61	-7	-10.3%	44	55	47	46	44
2	61	70	9	14.8%	62	45	55	47	46
3	69	60	-9	-13.0%	71	63	46	56	48
4	66	67	1	1.5%	59	70	61	45	55
5	81	65	-16	-19.8%	66	57	68	60	44
TOTAL	402	363*	-39	-9.7%	352	332	320	296	281

*2022 Includes 11 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		
2013	78	389		
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	57	379	-34	-8.2%
2021	57	402	23	6.1%
2022	40	363	-39	-9.7%
2023	50	352	-11	-3.0%
2024	42	332	-20	-5.7%
2025	43	320	-12	-3.6%
2026	42	296	-24	-7.5%
2027	44	281	-15	-5.1%

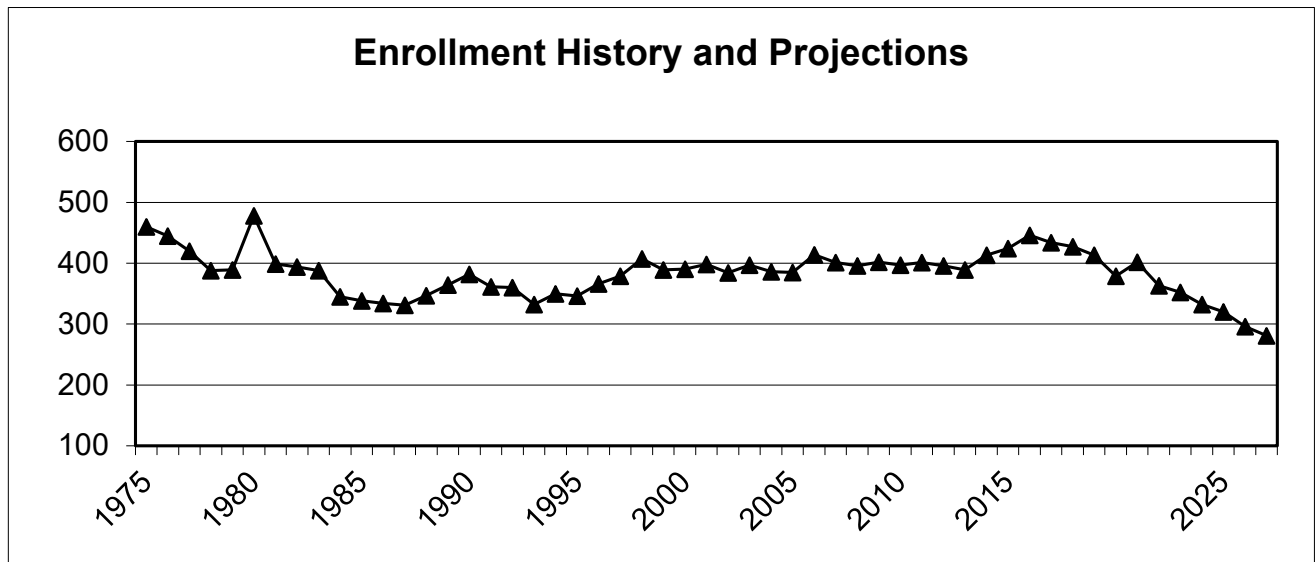
Peak enrollment year: 2016, 446 students

Franklin

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2022 FY23	Avg. Class Size	2023 FY24	Avg. Class Size	Max Size	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	2	20.0	3	16.7	17.0	2	2	2	2
1	3	20.3	2	22.0	22.0	3	2	2	2
2	4	17.5	3	20.7	21.0	2	3	2	2
3	3	20.0	3	23.7	24.0	3	2	3	2
4	3	22.3	3	19.7	20.0	3	3	2	3
5	3	21.7	3	22.0	22.0	3	3	3	2
TOTAL	18		17			16	15	14	13
Avg. Class Size	20.2		20.7			20.8	21.3	21.1	21.6

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				
	2021 FY22	2022 FY23	N	%	2023 FY24	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	57	45	-12	-21.1%	53	47	51	49	52
1	58	60	2	3.4%	50	57	51	56	54
2	67	62	-5	-7.5%	62	52	59	53	57
3	60	70	10	16.7%	64	64	53	61	55
4	59	62	3	5.1%	70	64	64	54	61
5	68	58	-10	-14.7%	61	70	64	63	53
TOTAL	369	357*	-12	-3.3%	360	354	342	336	332

*2022 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		
2013	67	427		
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	45	377	-14	-3.6%
2021	57	369	-8	-2.1%
2022	45	357	-12	-3.3%
2023	53	360	3	0.8%
2024	47	354	-6	-1.7%
2025	51	342	-12	-3.4%
2026	49	336	-6	-1.8%
2027	52	332	-4	-1.2%

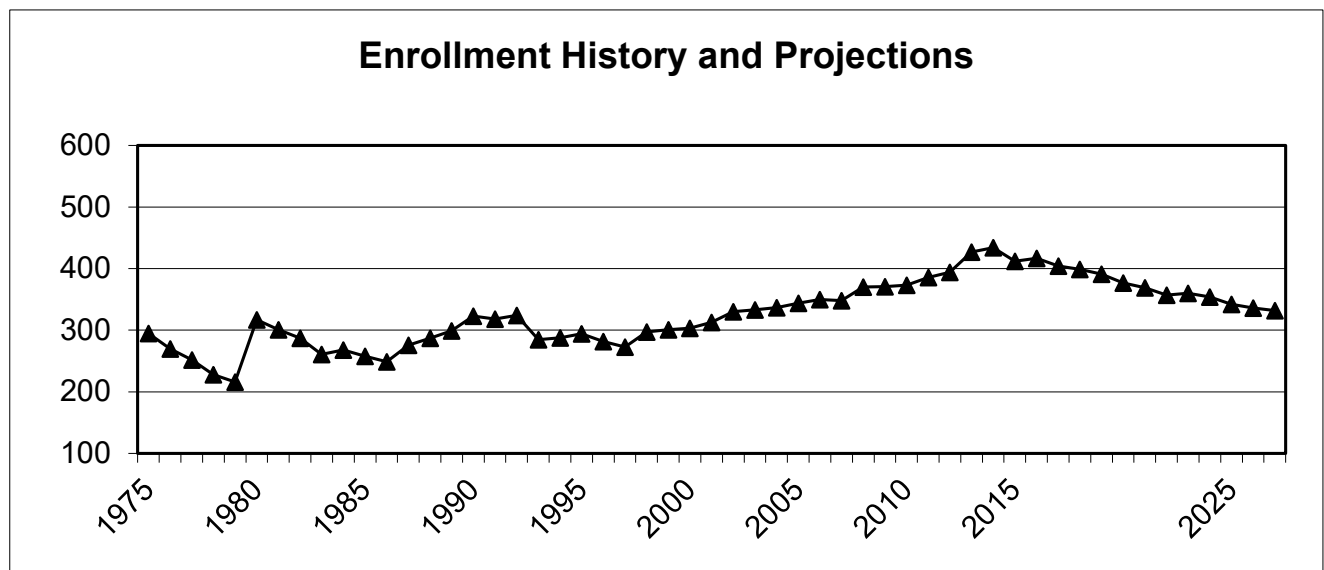
Peak enrollment year: 2014, 434 students

Horace Mann

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2022 FY23	Avg. Class Size	2023 FY24	Avg. Class Size	Max Size	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	3	15.0	3	17.7	18.0	3	3	3	3
1	3	20.0	3	16.7	17.0	3	3	3	3
2	3	20.7	3	20.7	21.0	3	3	3	3
3	3	23.3	3	21.3	22.0	3	3	3	3
4	3	20.7	3	23.3	24.0	3	3	3	3
5	3	19.3	3	20.3	21.0	3	3	3	3
TOTAL	18		18			18	18	18	18
Avg. Class Size	19.8		20.0			19.7	19.0	18.7	18.4

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				
	2021 FY22	2022 FY23	N	%	2023 FY24	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	40	55	15	37.5%	50	46	55	51	54
1	58	52	-6	-10.3%	62	57	51	60	58
2	47	64	17	36.2%	53	62	56	51	60
3	59	45	-14	-23.7%	60	49	57	52	47
4	57	64	7	12.3%	47	61	50	58	53
5	53	58	5	9.4%	64	46	61	50	58
TOTAL	314	338*	24	7.6%	336	321	330	322	330

*2022 Includes 20 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		
2013	63	329		
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	57	353	-9	-2.5%
2021	40	314	-39	-11.0%
2022	55	338	24	7.6%
2023	50	336	-2	-0.6%
2024	46	321	-15	-4.5%
2025	55	330	9	2.8%
2026	51	322	-8	-2.4%
2027	54	330	8	2.5%

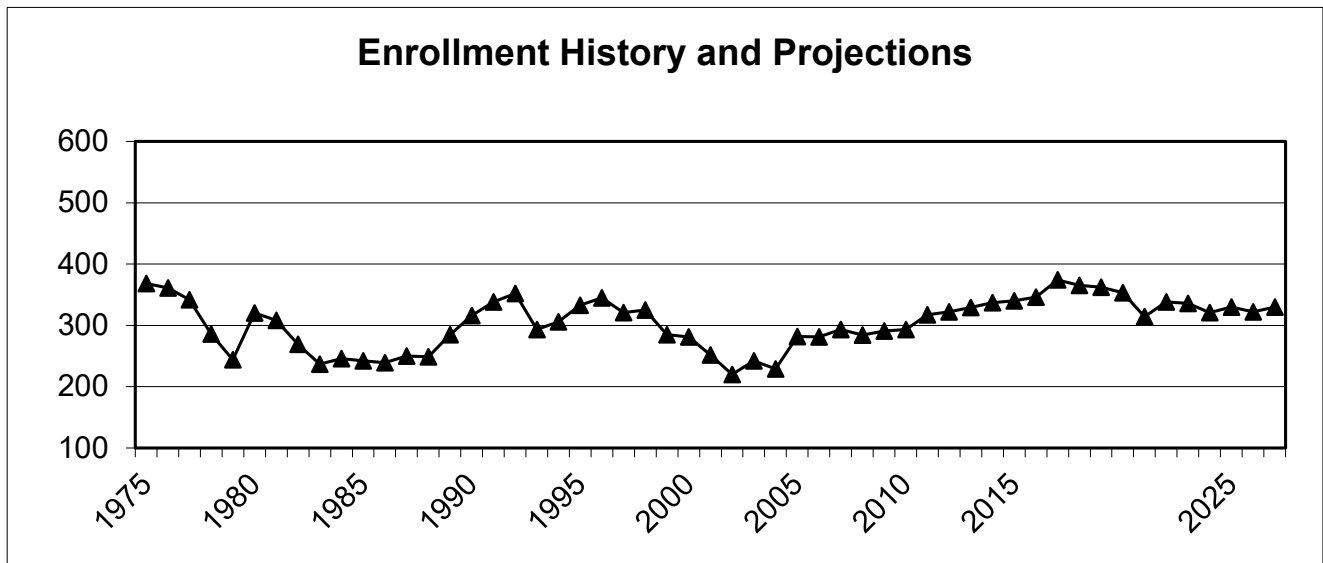
Peak enrollment year: 2017, 374 students

Lincoln-Eliot

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2022 FY23	Avg. Class Size	2023 FY24	Avg. Class Size	Max Size	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	3	18.3	3	16.7	17.0	3	3	3	3
1	3	17.3	3	20.7	21.0	3	3	3	3
2	3	21.3	3	17.7	18.0	3	3	3	3
3	3	15.0	3	20.0	20.0	2	3	3	2
4	3	21.3	2	23.5	24.0	3	2	3	3
5	3	19.3	3	21.3	22.0	2	3	2	3
TOTAL	18		17			16	17	17	17
Avg. Class Size	18.8		19.8			20.1	19.4	18.9	19.4

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				
	2021 FY22	2022 FY23	N	%	2023 FY24	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	44	51	7	15.9%	45	37	43	35	40
1	50	49	-1	-2.0%	55	48	40	46	38
2	57	58	1	1.8%	53	60	53	43	51
3	56	56	0	0.0%	59	55	62	54	44
4	63	55	-8	-12.7%	55	58	53	60	53
5	67	63	-4	-6.0%	54	54	57	52	59
TOTAL	337	332*	-5	-1.5%	321	312	308	290	285

*2022 Includes 5 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		
2013	88	457		
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	45	366	-80	-17.9%
2021	44	337	-29	-7.9%
2022	51	332	-5	-1.5%
2023	45	321	-11	-3.3%
2024	37	312	-9	-2.8%
2025	43	308	-4	-1.3%
2026	35	290	-18	-5.8%
2027	40	285	-5	-1.7%

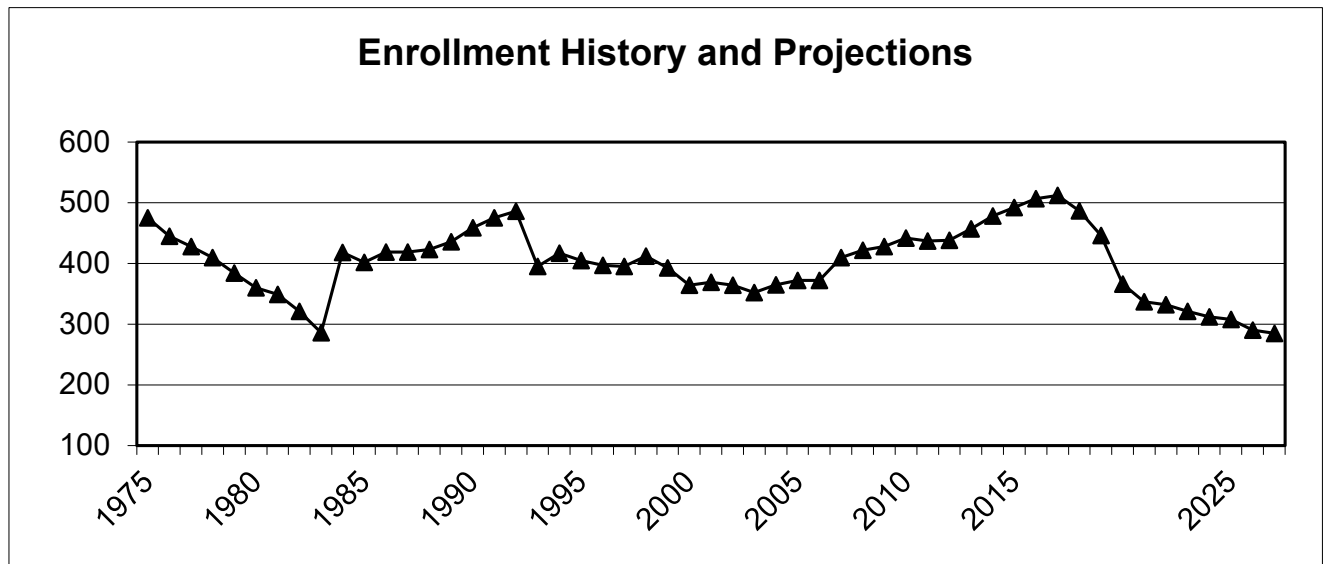
Peak enrollment year: 2017, 512 students

Mason-Rice

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2022 FY23	Avg. Class Size	2023 FY24	Avg. Class Size	Max Size	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	3	17.0	3	15.0	15.0	2	2	2	2
1	3	16.3	3	18.3	19.0	2	2	2	2
2	3	19.3	3	17.7	18.0	3	3	2	3
3	3	18.7	3	19.7	20.0	3	3	3	2
4	3	18.3	3	18.3	19.0	3	3	3	3
5	3	21.0	3	18.0	18.0	3	3	3	3
TOTAL	18		18			16	16	15	15
Avg. Class Size	18.4		17.8			19.5	19.3	19.3	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.



Memorial-Spaulling

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2021 FY22	2022 FY23	N	%	2023 FY24	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	67	56	-11	-16.4%	49	45	50	42	44
1	51	86	35	68.6%	60	53	48	56	45
2	57	49	-8	-14.0%	90	63	55	50	59
3	61	62	1	1.6%	51	95	67	58	53
4	78	63	-15	-19.2%	64	53	98	69	60
5	81	81	0	0.0%	65	66	55	101	71
TOTAL	395	397*	2	0.5%	379	375	373	376	332

*2022 Includes 17 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		
2013	67	429		
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	49	404	-61	-13.1%
2021	67	395	-9	-2.2%
2022	56	397	2	0.5%
2023	49	379	-18	-4.5%
2024	45	375	-4	-1.1%
2025	50	373	-2	-0.5%
2026	42	376	3	0.8%
2027	44	332	-44	-11.7%

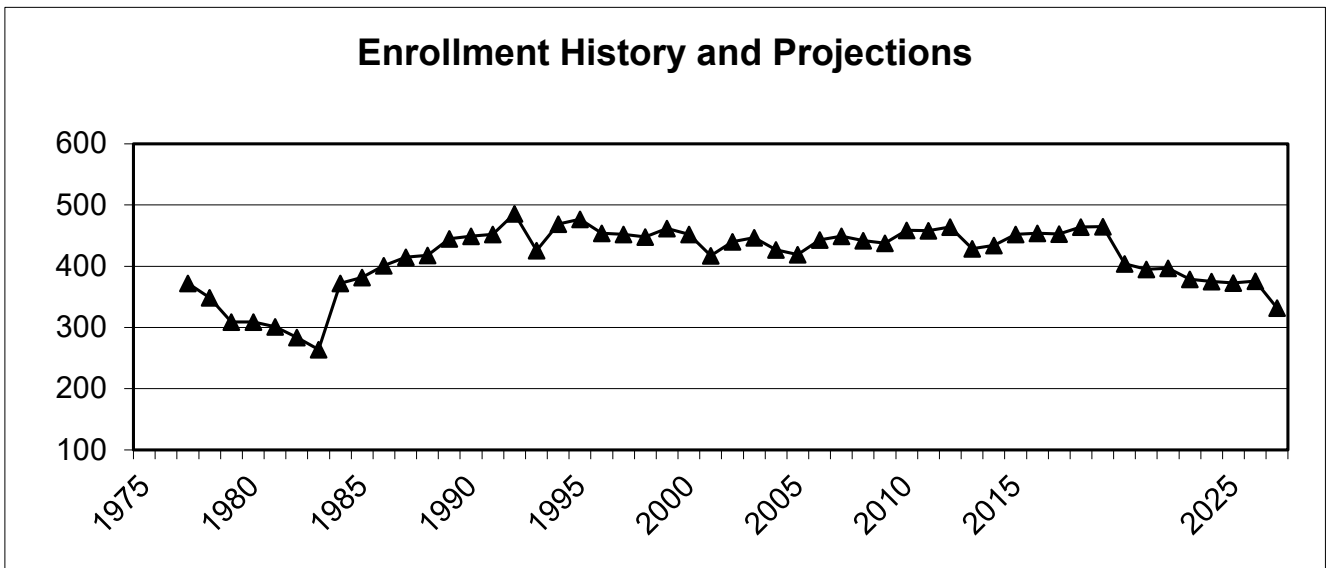
Peak enrollment year: 2019, 465 students

Memorial-Spaulding

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2022 FY23	Avg. Class Size	2023 FY24	Avg. Class Size	Max Size	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	3	18.7	3	16.3	17.0	3	3	2	2
1	4	21.5	3	20.0	20.0	3	2	3	2
2	3	16.3	4	22.5	23.0	3	3	2	3
3	3	20.7	3	17.0	17.0	4	3	3	3
4	3	21.0	3	21.3	22.0	3	4	3	3
5	4	20.3	3	21.7	22.0	3	3	5	3
TOTAL	20		19			19	18	18	16
Avg. Class Size	19.9		19.9			19.7	20.7	20.9	20.8

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.



Peirce

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2021 FY22	2022 FY23	N	%	2023 FY24	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	33	36	3	9.1%	34	31	34	34	38
1	37	36	-1	-2.7%	39	41	35	38	37
2	37	38	1	2.7%	38	41	43	37	40
3	50	39	-11	-22.0%	38	38	42	43	37
4	37	48	11	29.7%	38	37	37	41	42
5	44	44	0	0.0%	51	40	39	39	43
TOTAL	238	241*	3	1.3%	238	228	230	232	237

*2022 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		
2013	46	312		
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	32	238	-46	-16.2%
2021	33	238	0	0.0%
2022	36	241	3	1.3%
2023	34	238	-3	-1.2%
2024	31	228	-10	-4.2%
2025	34	230	2	0.9%
2026	34	232	2	0.9%
2027	38	237	5	2.2%

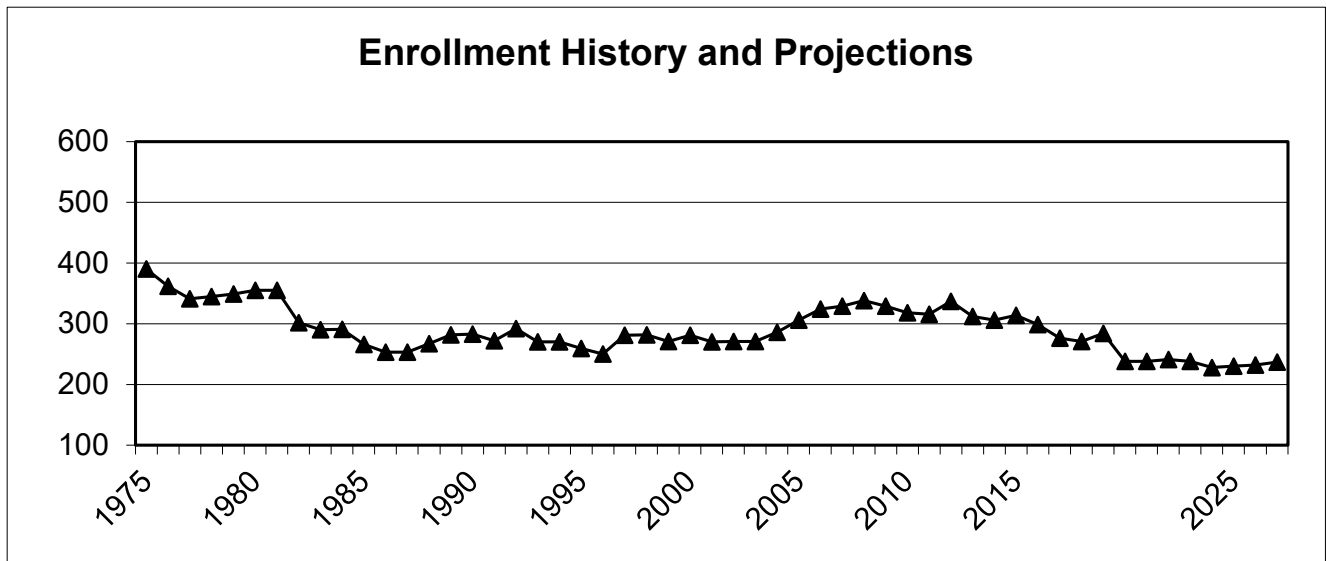
Peak enrollment year: 2015, 314 students

Peirce

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2022 FY23	Avg. Class Size	2023 FY24	Avg. Class Size	Max Size	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	2	18.0	2	17.0	17.0	2	2	2	2
1	2	18.0	2	19.5	20.0	2	2	2	2
2	2	19.0	2	19.0	19.0	2	2	2	2
3	2	19.5	2	19.0	19.0	2	2	2	2
4	3	16.0	2	19.0	19.0	2	2	2	2
5	2	22.0	3	17.0	17.0	2	2	2	2
TOTAL	13		13			12	12	12	12
Avg. Class Size	18.5		18.3			19.0	19.2	19.3	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.



Underwood

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2021 FY22	2022 FY23	N	%	2023 FY24	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	33	37	4	12.1%	33	26	29	26	27
1	40	38	-2	-5.0%	39	35	29	31	28
2	41	44	3	7.3%	39	40	36	30	32
3	36	35	-1	-2.8%	41	37	38	34	29
4	27	41	14	51.9%	35	41	37	38	34
5	44	26	-18	-40.9%	41	34	40	37	38
TOTAL	221	221*	0	0.0%	228	213	209	196	188

*2022 Includes 23 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		
2013	48	327		
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	33	225	-44	-16.4%
2021	33	221	-4	-1.8%
2022	37	221	0	0.0%
2023	33	228	7	3.2%
2024	26	213	-15	-6.6%
2025	29	209	-4	-1.9%
2026	26	196	-13	-6.2%
2027	27	188	-8	-4.1%

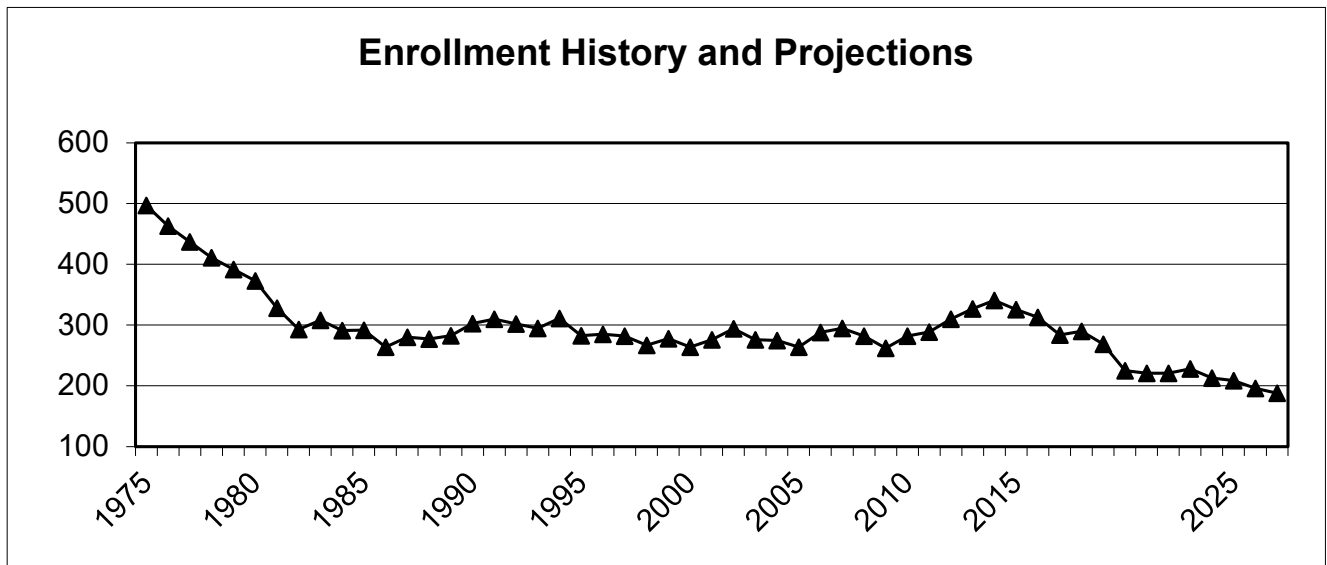
Peak enrollment year: 2014, 341 students

Underwood

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2022 FY23	Avg. Class Size	2023 FY24	Avg. Class Size	Max Size	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	2	18.5	2	16.5	17.0	2	2	2	2
1	2	19.0	2	19.5	20.0	2	2	2	2
2	2	22.0	2	19.5	20.0	2	2	2	2
3	2	17.5	2	20.5	21.0	2	2	2	2
4	2	20.5	2	17.5	18.0	2	2	2	2
5	2	13.0	2	20.5	21.0	2	2	2	2
TOTAL	12		12			12	12	12	12
Avg. Class Size	18.4		19.0			17.8	17.4	16.3	15.7

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.



Ward

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2021 FY22	2022 FY23	N	%	2023 FY24	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	31	16	-15	-48.4%	24	17	20	18	17
1	37	33	-4	-10.8%	18	26	19	22	20
2	37	42	5	13.5%	32	17	26	19	22
3	42	35	-7	-16.7%	43	33	18	26	19
4	26	41	15	57.7%	33	41	32	17	25
5	38	27	-11	-28.9%	41	33	41	32	17
TOTAL	211	194*	-17	-8.1%	191	167	156	134	120

*2022 Includes 3 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		
2013	43	289		
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	29	216	-39	-15.3%
2021	31	211	-5	-2.3%
2022	16	194	-17	-8.1%
2023	24	191	-3	-1.5%
2024	17	167	-24	-12.6%
2025	20	156	-11	-6.6%
2026	18	134	-22	-14.1%
2027	17	120	-14	-10.4%

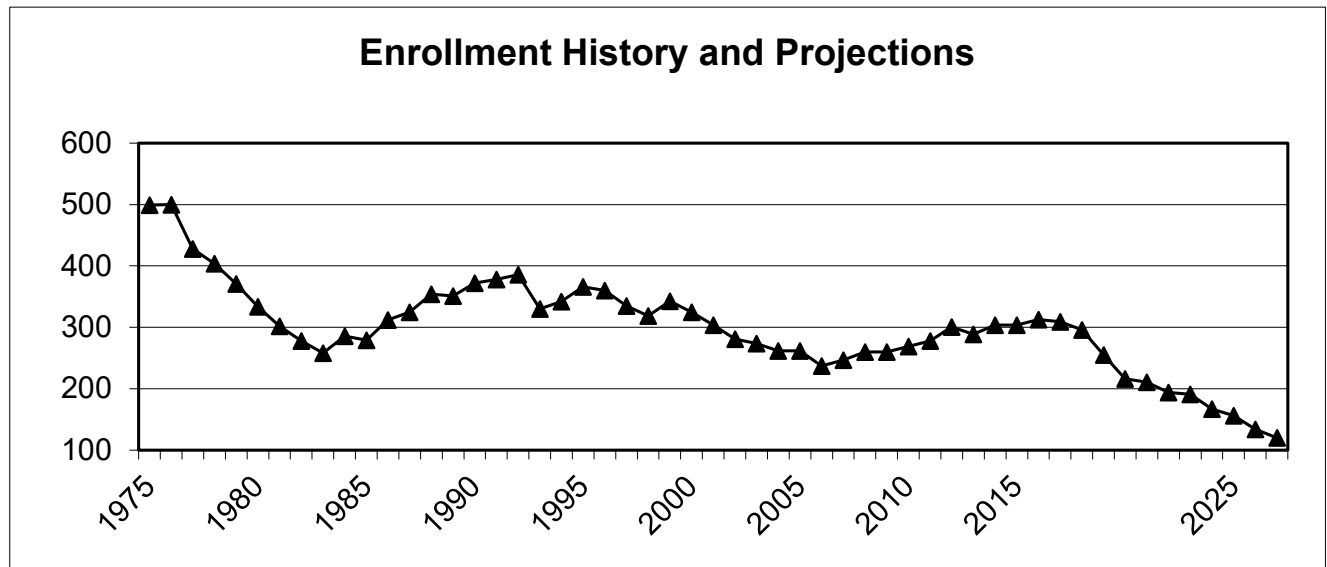
Peak enrollment year: 2016, 313 students

Ward

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2022 FY23	Avg. Class Size	2023 FY24	Avg. Class Size	Max Size	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	1	16.0	2	12.0	12.0	1	1	1	1
1	2	16.5	1	18.0	18.0	2	1	1	1
2	2	21.0	2	16.0	16.0	1	2	1	1
3	2	17.5	2	21.5	22.0	2	1	2	1
4	2	20.5	2	16.5	17.0	2	2	1	1
5	2	13.5	2	20.5	21.0	2	2	2	1
TOTAL	11		11			10	9	8	6
Avg. Class Size	17.6		17.4			16.7	17.3	16.8	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.



Williams

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2021 FY22	2022 FY23	N	%	2023 FY24	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	38	40	2	5.3%	39	37	45	49	54
1	35	39	4	11.4%	39	39	39	45	49
2	37	34	-3	-8.1%	38	38	41	41	45
3	40	39	-1	-2.5%	33	38	39	41	40
4	39	39	0	0.0%	36	31	36	37	39
5	36	40	4	11.1%	38	35	31	36	37
TOTAL	225	231*	6	2.7%	223	218	231	249	264

*2022 Includes 11 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		
2013	45	304		
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	32	246	-15	-5.7%
2021	38	225	-21	-8.5%
2022	40	231	6	2.7%
2023	39	223	-8	-3.5%
2024	37	218	-5	-2.2%
2025	45	231	13	6.0%
2026	49	249	18	7.8%
2027	54	264	15	6.0%

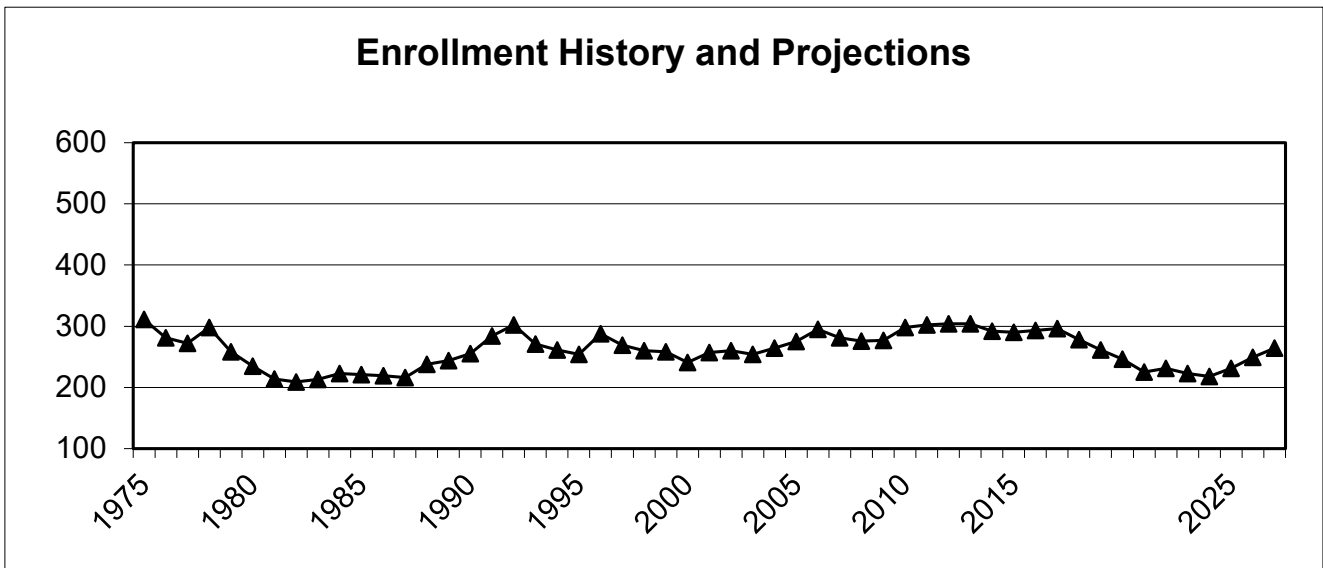
Peak enrollment year: 2013, 304 students

Williams

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2022 FY23	Avg. Class Size	2023 FY24	Avg. Class Size	Max Size	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	2	20.0	2	19.5	20.0	2	3	3	3
1	2	19.5	2	19.5	20.0	2	2	2	2
2	2	17.0	2	19.0	19.0	2	2	2	2
3	2	19.5	2	16.5	17.0	2	2	2	2
4	2	19.5	2	18.0	18.0	2	2	2	2
5	2	20.0	2	19.0	19.0	2	2	2	2
TOTAL	12		12			12	13	13	13
Avg. Class Size	19.3		18.6			18.2	17.8	19.2	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.



Zervas

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2021 FY22	2022 FY23	N	%	2023 FY24	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	68	55	-13	-19.1%	62	55	58	58	57
1	60	68	8	13.3%	65	71	66	67	69
2	76	60	-16	-21.1%	70	65	71	65	66
3	72	79	7	9.7%	59	70	66	72	66
4	69	74	5	7.2%	80	61	72	67	73
5	78	70	-8	-10.3%	73	79	60	71	66
TOTAL	423	406*	-17	-4.0%	409	401	393	400	397

*2022 Includes 23 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		
2013	53	317		
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	42	394	-40	-9.2%
2021	68	423	29	7.4%
2022	55	406	-17	-4.0%
2023	62	409	3	0.7%
2024	55	401	-8	-2.0%
2025	58	393	-8	-2.0%
2026	58	400	7	1.8%
2027	57	397	-3	-0.8%

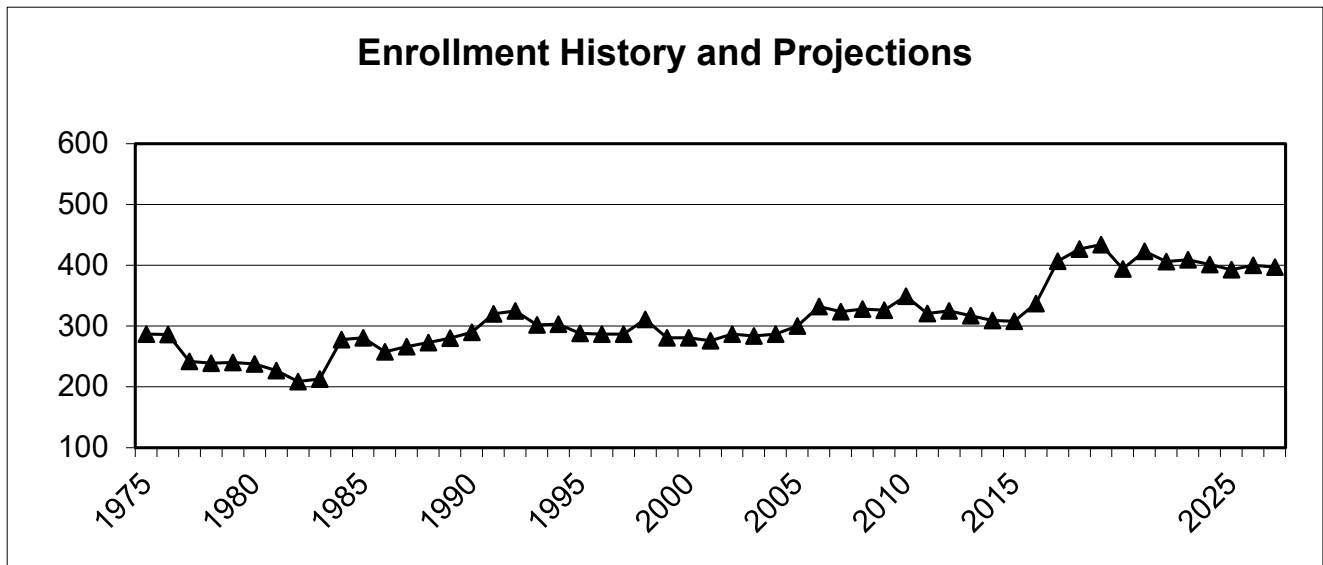
Peak enrollment year: 2019, 434 students

Zervas

ACTUAL AND PROJECTED CLASSROOM DISTRIBUTIONS

Grade	Actual		Projections Using 5-year Average Ratios***						
	2022 FY23	Avg. Class Size	2023 FY24	Avg. Class Size	Max Size	2024 FY25	2025 FY26	2026 FY27	2027 FY28
K	3	18.3	3	20.7	21.0	3	3	3	3
1	4	17.0	3	21.7	22.0	3	3	3	3
2	3	20.0	3	23.3	24.0	3	3	3	3
3	4	19.8	3	19.7	20.0	3	3	3	3
4	4	18.5	4	20.0	20.0	3	3	3	3
5	3	23.3	3	24.3	25.0	4	3	3	3
TOTAL	21		19			19	18	18	18
Avg. Class Size	19.3		21.5			21.1	21.8	22.2	22.1

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.



Bigelow Middle School

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2021 FY22	2022 FY23	N	%	2023 FY24	2024 FY25	2025 FY26	2026 FY27	2027 FY28
6	144	132	-12	-8.3%	135	166	156	193	152
7	163	145	-18	-11.0%	132	135	166	156	192
8	158	168	10	6.3%	146	133	135	166	156
Total	465	445	-20	-4.3%	413	434	457	515	500
Spec. Ed.**	0	0	0	0.0%	0	0	0	0	0
TOTAL	465	445*	-20	-4.3%	413	434	457	515	500

*Includes 26 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

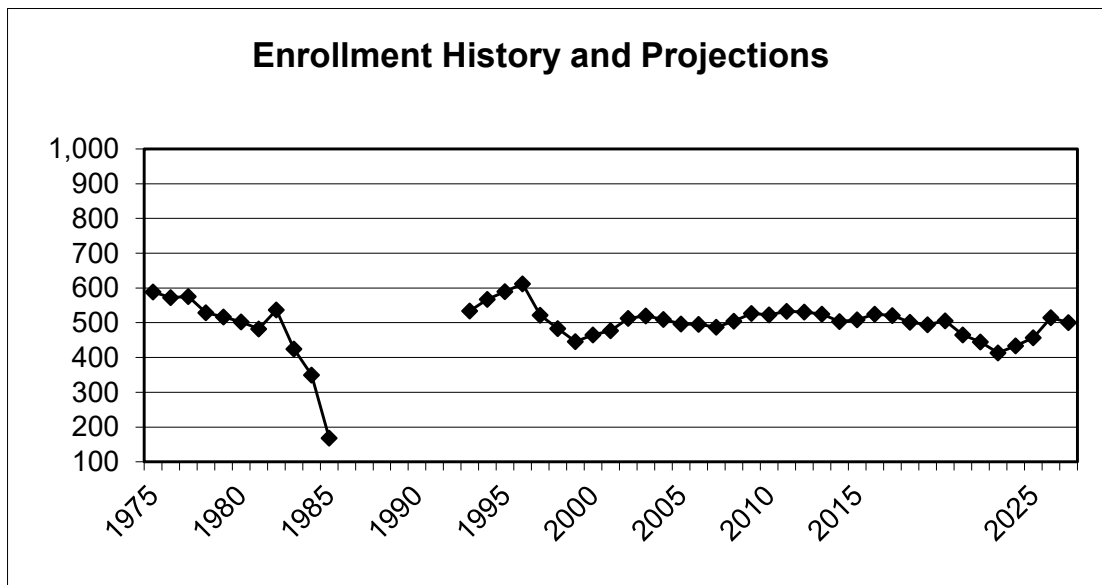
Year	Total Enrollment	Change from Previous Year	Percent Change
2013	525		
2014	504	-21	-4.0%
2015	509	5	1.0%
2016	525	16	3.1%
2017	521	-4	-0.8%
2018	501	-20	-3.8%
2019	494	-7	-1.4%
2020	506	12	2.4%
2021	465	-41	-8.1%
2022	445	-20	-4.3%

Peak enrollment year: 2013, 525 students

Bigelow Middle School

FIFTH GRADE STUDENTS FROM THE BIGELOW FEEDER SCHOOLS

Elementary School	2022-2023 5th Grade Enrollment
Cabot	22
Lincoln-Eliot	58
Underwood	26
Ward	27
Total	133



Brown Middle School

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2021 FY22	2022 FY23	N	%	2023 FY24	2024 FY25	2025 FY26	2026 FY27	2027 FY28
6	241	245	4	1.7%	223	216	206	221	217
7	270	240	-30	-11.1%	246	226	221	209	226
8	248	265	17	6.9%	240	248	228	223	211
Total	759	750	-9	-1.2%	709	690	655	653	654
Spec. Ed.**	0	0	0		0	0	0	0	0
TOTAL	759	750*	-9	-1.2%	709	690	655	653	654

*Includes 22 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

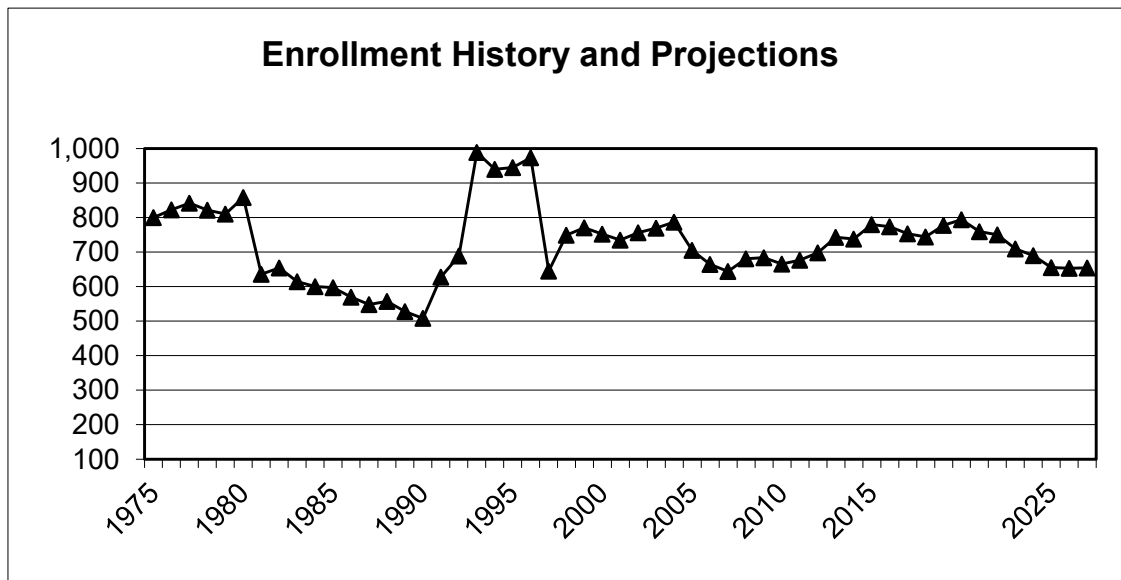
Year	Total Enrollment	Change from Previous Year	Percent Change
2013	743		
2014	738	-5	-0.7%
2015	780	42	5.7%
2016	774	-6	-0.8%
2017	753	-21	-2.7%
2018	744	-9	-1.2%
2019	778	34	4.6%
2020	794	16	2.1%
2021	759	-35	-4.4%
2022	750	-9	-1.2%

Peak enrollment year: 2020, 794 students

Brown Middle School

FIFTH GRADE STUDENTS FROM BROWN FEEDER SCHOOLS

Elementary School	2022-2023 5th Grade Enrollment
Angier	69
Countryside	69
Mason-Rice	63
Williams	40
Total	241



Day Middle School

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2021 FY22	2022 FY23	N	%	2023 FY24	2024 FY25	2025 FY26	2026 FY27	2027 FY28
6	296	296	0	0.0%	274	295	284	279	271
7	328	290	-38	-11.6%	297	273	297	284	280
8	317	334	17	5.4%	291	298	275	299	285
Total	941	920	-21	-2.2%	862	866	856	862	836
Spec. Ed.**	0	0	0	0.0%	0	0	0	0	0
TOTAL	941	920*	-21	-2.2%	862	866	856	862	836

*Includes 36 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

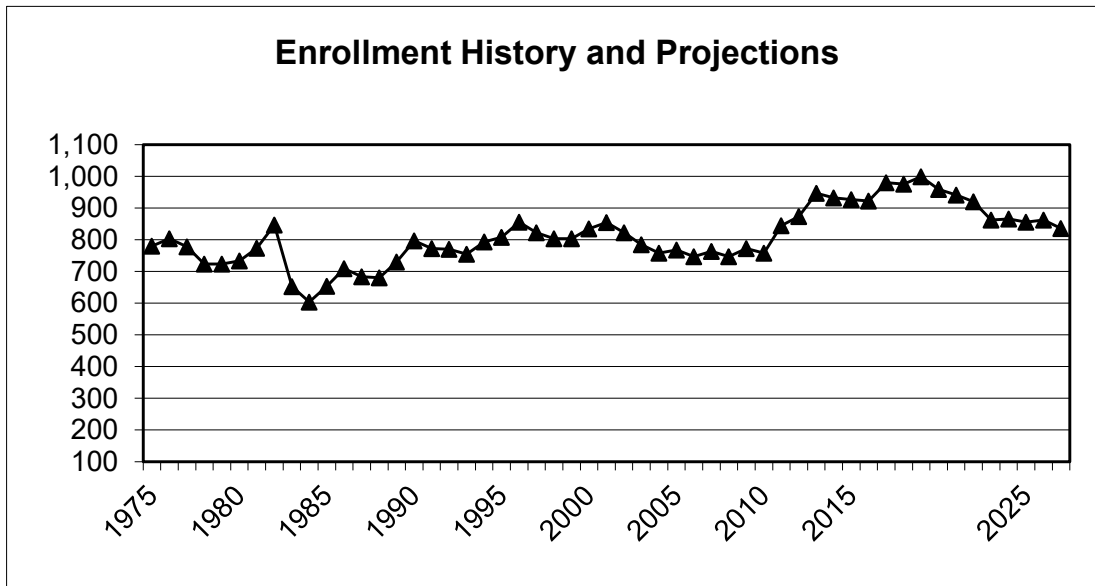
Year	Total Enrollment	Change from Previous Year	Percent Change
2013	947		
2014	932	-15	-1.6%
2015	927	-5	-0.5%
2016	922	-5	-0.5%
2017	980	58	6.3%
2018	976	-4	-0.4%
2019	999	23	2.4%
2020	959	-40	-4.0%
2021	941	-18	-1.9%
2022	920	-21	-2.2%

Peak enrollment year: 2019, 999 students

Day Middle School

FIFTH GRADE STUDENTS FROM THE DAY FEEDER SCHOOLS

Elementary School	2022-2023 5th Grade Enrollment
Burr	61
Cabot	45
Franklin	65
Horace Mann	58
Peirce	44
Total	273



Oak Hill Middle School

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2021 FY22	2022 FY23	N	%	2023 FY24	2024 FY25	2025 FY26	2026 FY27	2027 FY28
6	201	226	25	12.4%	218	207	211	181	238
7	231	203	-28	-12.1%	229	221	210	214	183
8	229	228	-1	-0.4%	201	226	218	207	211
Total	661	657	-4	-0.6%	648	654	639	602	632
Spec. Ed.**	0	0	0	0.0%	0	0	0	0	0
TOTAL	661	657*	-4	-0.6%	648	654	639	602	632

*Includes 23 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

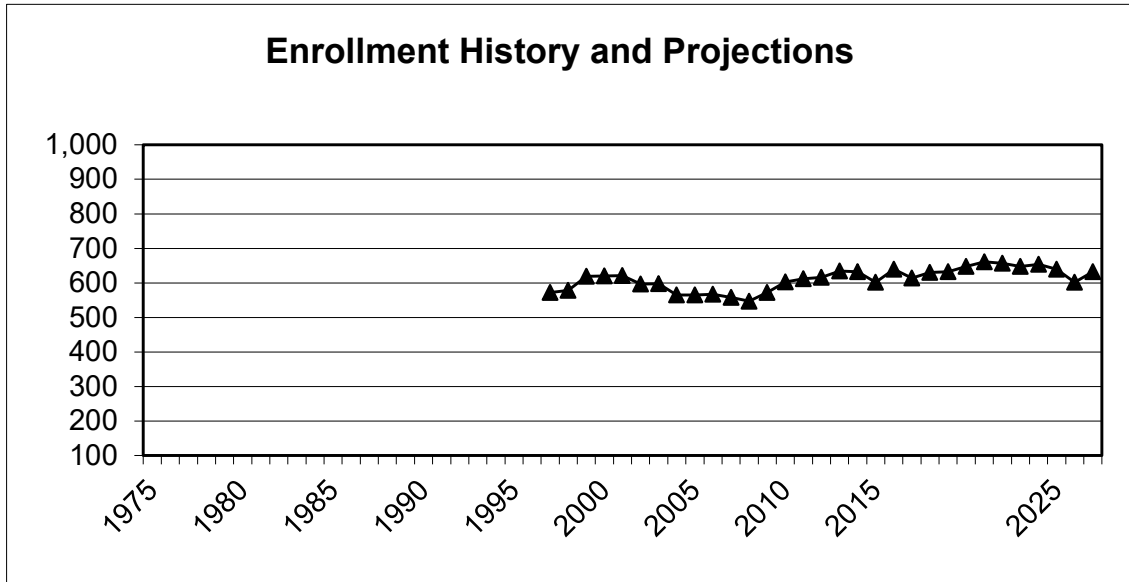
Year	Total Enrollment	Change from Previous Year	Percent Change
2013	634		
2014	632	-2	-0.3%
2015	602	-30	-4.7%
2016	639	37	6.1%
2017	614	-25	-3.9%
2018	630	16	2.6%
2019	632	2	0.3%
2020	647	15	2.4%
2021	661	14	2.2%
2022	657	-4	-0.6%

Peak enrollment year: 2021, 661 students

Oak Hill Middle School

FIFTH GRADE STUDENTS FROM THE OAK HILL FEEDER SCHOOLS

Elementary School	2022-2023 5th Grade Enrollment
Bowen	65
Memorial-Spaulding	81
Zervas	70
Total	216



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				
	2021 FY22	2022 FY23	N	%	2023 FY24	2024 FY25	2025 FY26	2026 FY27	2027 FY28
9	517	515	-2	-0.4%	532	465	455	435	489
10	520	539	19	3.7%	525	539	471	462	440
11	493	518	25	5.1%	542	527	540	472	463
12	547	501	-46	-8.4%	528	552	537	551	481
TOTAL	2,077	2,073	-4	0%	2,127	2,083	2,003	1,920	1,873
Post Grads	0	0	0	0	0	0	0	0	0
SP*	30	37	7	23%	30	30	30	30	30
TOTAL	2,107	2,110**	3	0.1%	2,157	2,113	2,033	1,950	1,903

**Includes 59 METCO students.

*Students who receive special education services beyond grade 12.

TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

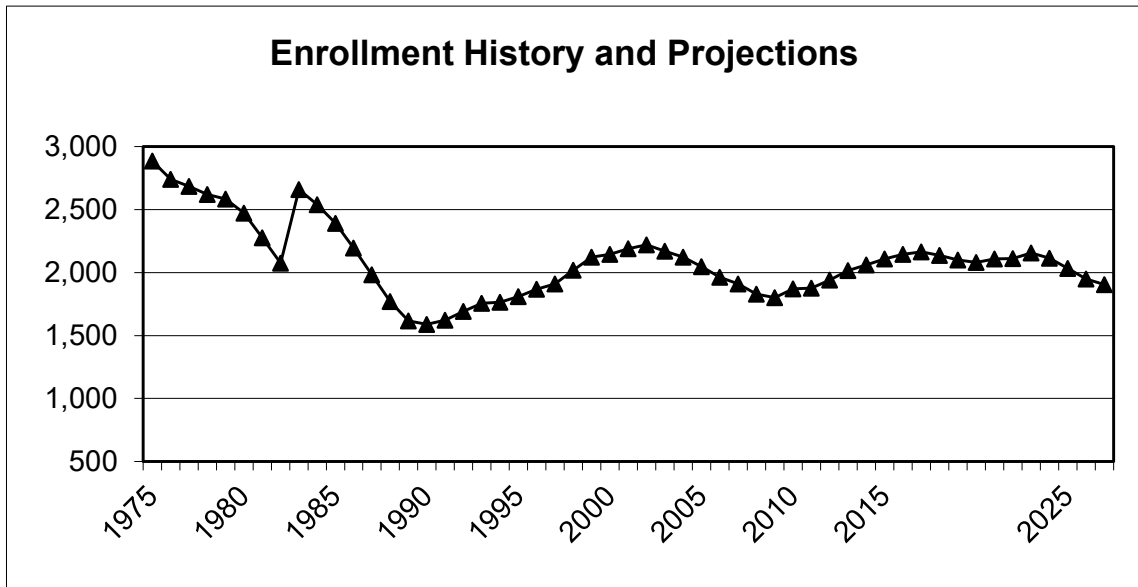
Year	Total Enrollment	Change from Previous Year	Percent Change
2013	2,015		
2014	2,060	45	2.2%
2015	2,107	47	2.3%
2016	2,145	38	1.8%
2017	2,165	20	0.9%
2018	2,136	-29	-1.3%
2019	2,099	-37	-1.7%
2020	2,080	-19	-0.9%
2021	2,107	27	1.3%
2022	2,110	3	0.1%

Peak enrollment year: 2017, 2165 students

North High School

EIGHTH GRADE STUDENTS FROM THE NORTH FEEDER SCHOOLS

Middle School	2022-2023 8th Grade Enrollment
Bigelow	168
Brown (3%)	8
Day	334
Total	510



South High School

ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5-year Average Ratios				
	2021 FY22	2022 FY23	N	%	2023 FY24	2024 FY25	2025 FY26	2026 FY27	2027 FY28
9	443	460	17	3.8%	495	446	484	451	432
10	422	456	34	8.1%	475	512	461	501	467
11	478	432	-46	-9.6%	461	481	519	469	507
12	493	485	-8	-1.6%	436	465	485	524	473
TOTAL	1,836	1,833	-3	0%	1,867	1,904	1,949	1,945	1,879
Post Grads	0	0	0	0	0	0	0	0	0
SP*	0	4	4	-	6	6	6	6	6
TOTAL	1,836	1,837**	1	0.1%	1,873	1,910	1,955	1,951	1,885

**Includes 46 METCO students.

*Students who receive special education services beyond grade 12.

TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

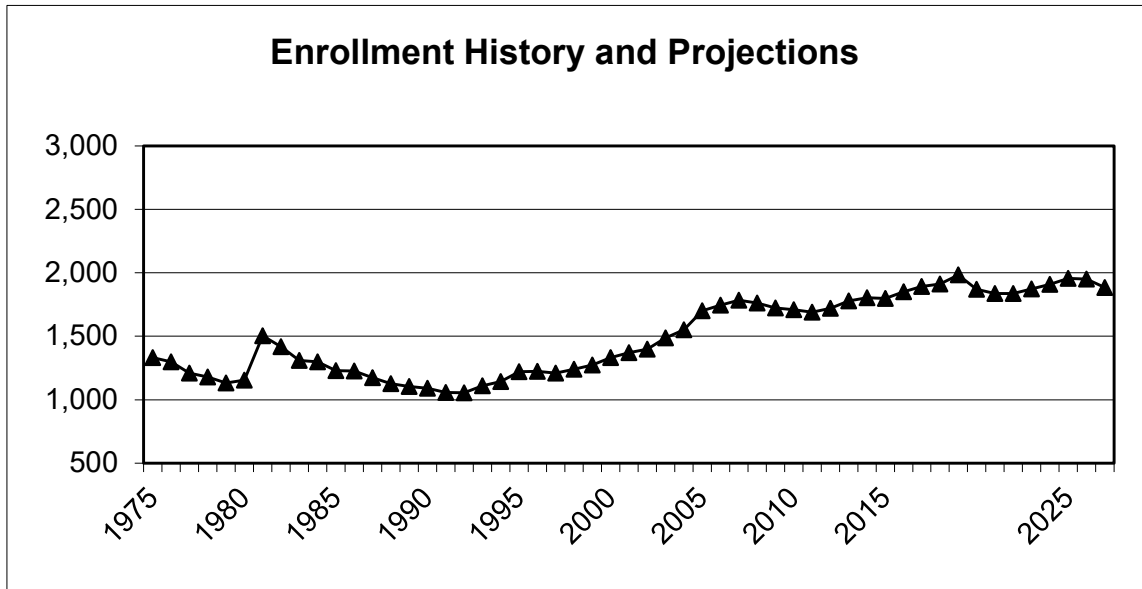
Year	Total Enrollment	Change from Previous Year	Percent Change
2013	1,778		
2014	1,804	26	1.5%
2015	1,798	-6	-0.3%
2016	1,851	53	2.9%
2017	1,893	42	2.3%
2018	1,911	18	1.0%
2019	1,983	72	3.8%
2020	1,869	-114	-5.7%
2021	1,836	-33	-1.8%
2022	1,837	1	0.1%

Peak enrollment year: 2019, 1983 students

South High School

EIGHTH GRADE STUDENTS FROM THE SOUTH FEEDER SCHOOLS

Middle School	2022-2023 8th Grade Enrollment
Brown (97%)	257
OakHill	228
Total	485



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 2021-22 school year, in contrast to most of the other statistics in this report, which are reported as of a moment in time (October 1st). This year, the methodology has been changed slightly to include summer exits in the upcoming school year's statistics to accurately reflect the school year calendar. Previously, summer exits were included with the prior school year's data. For example, exits in summer 2021 are now included with the 2021-2022 data instead of the 2020-2021 data (meaning that the data displayed for 2021-2022 covers July 2021-June 2022). Prior year data in these tables has been adjusted based on this methodology.

The table below displays three years of exit and entrance history. The 2021-22 school year shows a small positive net migration in contrast to the large negative net migration of 2020-21, which is likely due to the COVID-19 pandemic (this time frame covers July 2020-June 2021). The percentage of student exits is still higher than pre-pandemic, although it has decreased from the 2020-21 school year. The percentage of entrances in 2021-22 is higher than the previous two years. Please note that the net migration covers the entire school year, while most of the enrollment statistics presented in the rest of this document focus on October 1st of a given year. The small positive net in migration for 2021-22 indicates that even though enrollment as of October 1, 2022 declined from the prior year, over the course of the entire year, there was a higher number of entrances than exits. Although data for the 2022-23 school year will not be presented until next year, entrances through October 1, 2022 (July 2022-October 2022) total 634 students and exits through October 1, 2022 (July 2022-October 2022) total 600 students, providing an early indicator of possible positive net in migration for the 2022-23 school year.

Annual Student Mobility	2019-20	2020-21	2021-22
Number of Student Exits	640	1088	900
<i>Percentage of Enrollment</i>	5.1%	9.1%	7.6%
Number of Student Entrances	852	621	997
<i>Percentage of Enrollment</i>	6.8%	4.9%	8.4%
Net In Migration (Out Migration)	212	-467	97

There are a number of students who both enter and exit the Newton Public Schools within a single year. During the 2021-22 school year, 148 students, or 15% of the total entrances, both entered and left the Newton Public Schools. This is similar to the percentages from 2019-20 and 2018-19 (19% and 20%, respectively). During the 2020-

21 school year, 8% of total entrances both entered and exited the Newton Public Schools; this lower percentage was mainly due to the smaller number of students who enrolled from outside the country than usual.

The following table displays both the entrance and exit reasons for the students who both entered and exited in 2021-22. The majority of these 148 students enrolled from Massachusetts (39%), while the remainder enrolled from outside of Massachusetts, from outside the country, or from private school. The majority of these 148 students exited because they moved out of Newton (59%), while the remaining students moved out of the country, 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 of Massachusetts and moved out of Newton during 2021-22 (35 students, or 24% of the students who entered and exited), followed by students who enrolled from another Massachusetts community and moved out of Newton (26 students, or 18%).

Students who both entered and exited in 2021-22

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*	11	26	9		3	49
Enrolled from outside of MA	3	35	7		2	47
Enrolled from outside the Country	16	24	1		1	42
Enrolled from Private School	1	2	5	2		10
Total	31	87	22	2	6	148

*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 2021-22, a total of 900 students, or 7.6% of the total enrollment, left their schools between July 2021 and June 2022, not including graduates. Overall, the greatest number of student exits resulted from students moving out of Newton or students leaving to attend non-public schools, although this is not consistent across all grade levels. At the elementary level, the largest number of student exits resulted from students moving out Newton. At the middle and high school levels, the largest number of student exits resulted from students leaving to attend non-public schools. Of the three grade levels, elementary schools saw the most student exits as a percentage of total enrollment (9.4% of elementary enrollment), followed by middle schools (8.7% of middle school enrollment), and high schools (4.5% of high school enrollment), the same pattern as the prior three. The following tables provide the total number of exiting students by school and grade level, and by reason for exit for 2021-22. The number of

Enrollment Analysis Report | 2022

exits during the 2020-21 school year and the total exits for 2021-22 are provided for comparison.

SUMMARY ALL GRADES 2021 - 2022

School	All 2020-21 Exits	Moved out of the Country	Moved Out of Newton	Left to Attend Non-Public School	Left Due to Special Education Placement	Left for Other*	All 2021-22 Exits
All Grades	1088	106	420	329	10	35	900
% Total Enrollment	9.1%	0.9%	3.6%	2.8%	0.1%	0.3%	7.6%
% of All 2021-22 Exits		11.8%	46.7%	36.6%	1.1%	3.9%	100.0%

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

**TABLE 10
EXITING ELEMENTARY SCHOOL STUDENTS
2021 - 2022**

School	All 2020-21 Exits	Moved out of the Country	Moved Out of Newton	Left to Attend Non-Public School	Left Due to Special Education Placement	Left for Other* Reasons	All 2021-22 Exits
Angier	76	5	17	30			52
Bowen	40	8	20	5			33
Burr	38	1	23	1			25
Cabot	44	7	19	7		2	35
Countryside	46	4	27	4		1	36
Franklin	32	5	11	6			22
Horace Mann	28	5	21	7			33
Lincoln-Eliot	39	5	20	5		2	32
Mason-Rice	63	1	12	13		3	29
Memorial-Spaulding	61	4	18	26		1	49
Peirce	49		4	7	1	2	14
Underwood	42	2	8	5	1		16
Ward	47	3	9	6		1	19
Williams	22	7	16	6		2	31
Zervas	54	7	27	13		3	50
Total	681	64	252	141	2	17	476
% of Elementary Enrollment	13.5%	1.3%	5.0%	2.8%	0.0%	0.3%	9.4%
% of All 2021-22 Exits		13.4%	52.9%	29.6%	0.4%	3.6%	100.0%

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

**TABLE 11
EXITING MIDDLE SCHOOL STUDENTS
2021 - 2022**

School	All 2020-21 Exits	Moved out of the Country	Moved Out of Newton	Left to Attend Non-Public School	Left Due to Special Education Placement	Left for Other* Reasons	All 2021-22 Exits
Bigelow	40	6	18	25		1	50
Brown	73	8	31	47	2		88
Day	68	7	23	22	1	1	54
Oak Hill	42	4	27	19	1	3	54
Total	223	25	99	113	4	5	246
% Middle School Enrollment	7.7%	0.9%	3.5%	4.0%	0.1%	0.2%	8.7%
% of All 2021-22 Exits		10.2%	40.2%	45.9%	1.6%	2.0%	100.0%

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

**TABLE 12
EXITING HIGH SCHOOL STUDENTS
2021 - 2022**

School	All 2020-21 Exits	Moved out of the Country	Moved Out of Newton	Left to Attend Non-Public School	Left Due to Special Education Placement	Left for Other* Reasons	All 2021-22 Exits
North High	83	7	35	39	3	8	92
South High	101	10	34	36	1	5	86
Total	184	17	69	75	4	13	178
% High School Enrollment	4.7%	0.4%	1.7%	1.9%	0.1%	0.3%	4.5%
% of All 2021-22 Exits		9.6%	38.8%	42.1%	2.2%	7.3%	100.0%

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

Enrollment Analysis Report | 2022

A three year history of student exits is shown below. Exits at all three levels are still higher as a percentage of total enrollment than pre-pandemic, although exits at elementary schools and high schools have decreased compared to 2020-21. Exits at the middle school as a percentage of total enrollment are higher than 2020-21.

**TABLE 13
TOTAL STUDENT EXITS
Three Year History**

School	2019-20	2020-21	# / % Change	2021-22	# / % Change
Angier	12	76	64	52	-24
Bowen	32	40	8	33	-7
Burr	11	38	27	25	-13
Cabot	12	44	32	35	-9
Countryside	17	46	29	36	-10
Franklin	17	32	15	22	-10
Horace Mann	12	28	16	33	5
Lincoln-Eliot	21	39	18	32	-7
Mason-Rice	37	63	26	29	-34
Memorial-Spaulling	27	61	34	49	-12
Peirce	21	49	28	14	-35
Underwood	9	42	33	16	-26
Ward	28	47	19	19	-28
Williams	24	22	-2	31	9
Zervas	46	54	8	50	-4
Total Elementary	326	681	355	476	-205
% Elementary Enrollment	5.8%	13.5%	108.9%	9.4%	-30.1%
Bigelow	35	40	5	50	10
Brown	40	73	33	88	15
Day	66	68	2	54	-14
Oak Hill	48	42	-6	54	12
Total Middle School	189	223	34	246	23
% Middle School Enrollment	6.5%	7.7%	18.0%	8.7%	10.3%
North High	63	83	20	92	9
South High	62	101	39	86	-15
Total High School	125	184	59	178	-6
% High School Enrollment	3.1%	4.7%	47.2%	4.5%	-3.3%
Grand Total	640	1088	448	900	-188
% Total Enrollment	5.1%	9.1%	70.0%	7.6%	-17.3%

Table 14 provides a history of student exits to private schools at the elementary, middle and high school levels since 2015-16. 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 2021-22, 29.8% of students who left elementary schools to attend private school did so in or after grade 5, which is an increase from 2020-21, although it is still lower than pre-pandemic years, as the total number of exits was still higher than pre-pandemic in 2021-22. Of the students who left their middle school to attend private school, 33.6% transferred in grade 8, also a slight increase from 2020-21, but still lower than pre-pandemic years, again because the total number of exits has increased at middle school. Exits to non-public schools at the high school level are still higher than pre-pandemic, although it is the lowest percentage of the three levels.

**TABLE 14
HISTORY OF EXITS TO NON-PUBLIC SCHOOLS**

Level	Academic Year						
	15-16	16-17	17-18	18-19	19-20	20-21	21-22
All Elementary	84	91	112	99	84	294	141
% of Elementary Enrollment	1.5%	1.6%	1.9%	1.7%	1.5%	5.8%	2.8%
<i>Grade 5*</i>	39	39	47	36	35	38	42
<i>% of Elementary exits to non-public</i>	46.4%	42.9%	42.0%	36.4%	41.7%	12.9%	29.8%
All Middle School	54	65	77	78	78	102	113
% of Middle School Enrollment	1.9%	2.3%	2.7%	2.7%	2.7%	3.5%	4.0%
<i>Grade 8*</i>	22	33	41	39	41	32	38
<i>% of Middle School exits to non-public</i>	40.7%	50.8%	53.2%	50.0%	52.6%	31.4%	33.6%
All High School	34	37	42	37	34	71	75
% of High School Enrollment	0.9%	0.9%	1.0%	0.9%	0.8%	1.8%	1.9%
Grand Total	172	193	231	214	196	467	329
% of Total Enrollment	1.4%	1.5%	1.8%	1.7%	1.6%	3.9%	2.8%

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

Student Entrance Statistics

There were 997 students, or 8.4% of total enrollment, who entered Newton Public Schools in 2021-22 who had not been students in the previous academic year, not including kindergarten entrances in the fall. This is an increase of 376 students from the prior year, when there were 621 student entrances, or 4.9% 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 2021-22, new students who enrolled in Newton Public Schools were most frequently enrolling from another Massachusetts community, as in the prior year.

Total entrances as of 2020-21, 2021-22, and October 1, 2022 are included for comparison. Overall, the number of student entrances as of October 1, 2022 is 634 students, which is lower than the number as of October 1, 2021 (which was 729 students). The number of student entrances as of October 1, 2020 was 422 students (please note that incoming kindergarten students are not included in these tables).

SUMMARY ALL GRADES

2021-22 AND 2022-23 ENTRANCES AS OF OCTOBER 1, 2022

School	All 2020-21 Entrances	Enrolled from MA*	Enrolled from outside of MA	Enrolled from outside the Country	Enrolled from Private School	All 2021-22 Entrances	Current Year as of October 1, 2022
All Grades	621	389	207	240	161	997	634
% of Total Enrollment	4.9%	3.3%	1.8%	2.0%	1.4%	8.4%	5.4%
% of All 2021-22 Entrances		39.0%	20.8%	24.1%	16.1%	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
2021-22 AND 2022-23 ENTRANCES AS OF OCTOBER 1, 2022

School	All 2020-21 Entrances	Enrolled from MA*	Enrolled from outside of MA	Enrolled from outside the Country	Enrolled from Private School	All 2021-22 Entrances	Current Year as of October 1, 2022
Angier	18	9	9	1	3	22	15
Bowen	39	9	11	13	6	39	38
Burr	25	13	12	12	2	39	21
Cabot	40	38	7	7	9	61	30
Countryside	24	19	11	14	6	50	28
Franklin	17	21	1	1	1	24	8
Horace Mann	36	15	6	3	12	36	20
Lincoln-Eliot	23	18	10	4	4	36	19
Mason-Rice	20	16	9	5	4	34	21
Memorial-Spaulding	33	23	24	6	4	57	34
Peirce	10	5	6	5	10	26	16
Underwood	22	8	1	5	5	19	16
Ward	7	14	1	1	7	23	13
Williams	13	14	6	2	3	25	8
Zervas	33	45			1	46	26
Total	360	267	114	79	77	537	313
% of Elementary Enrollment	7.1%	5.3%	2.3%	1.6%	1.5%	10.7%	6.3%
% of All 2021-22 Entrances		49.7%	21.2%	14.7%	14.3%	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
2021-22 AND 2022-23 ENTRANCES AS OF OCTOBER 1, 2022

School	All 2020-21 Entrances	Enrolled from MA*	Enrolled from outside of MA	Enrolled from outside the Country	Enrolled from Private School	All 2021-22 Entrances	Current Year as of October 1, 2022
Bigelow	26	13	10	15	7	45	31
Brown	36	21	14	22	2	59	39
Day	30	16	13	16	3	48	32
Oak Hill	27	12	9	20	5	46	31
Total	119	62	46	73	17	198	133
% of Middle School Enrollment	4.1%	2.2%	1.6%	2.6%	0.6%	7.0%	4.8%
% of All 2021-22 Entrances		31.3%	23.2%	36.9%	8.6%	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
2021-22 AND 2022-23 ENTRANCES AS OF OCTOBER 1, 2022

School	All 2020-21 Entrances	Enrolled from MA*	Enrolled from outside of MA	Enrolled from outside the Country	Enrolled from Private School	All 2021-22 Entrances	Current Year as of October 1, 2022
North High	80	28	27	42	33	130	99
South High	62	32	20	46	34	132	89
Total	142	60	47	88	67	262	188
% of High School Enrollment	3.6%	1.5%	1.2%	2.2%	1.7%	6.6%	4.8%
% of All 2021-22 Entrances		22.9%	17.9%	33.6%	25.6%	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.

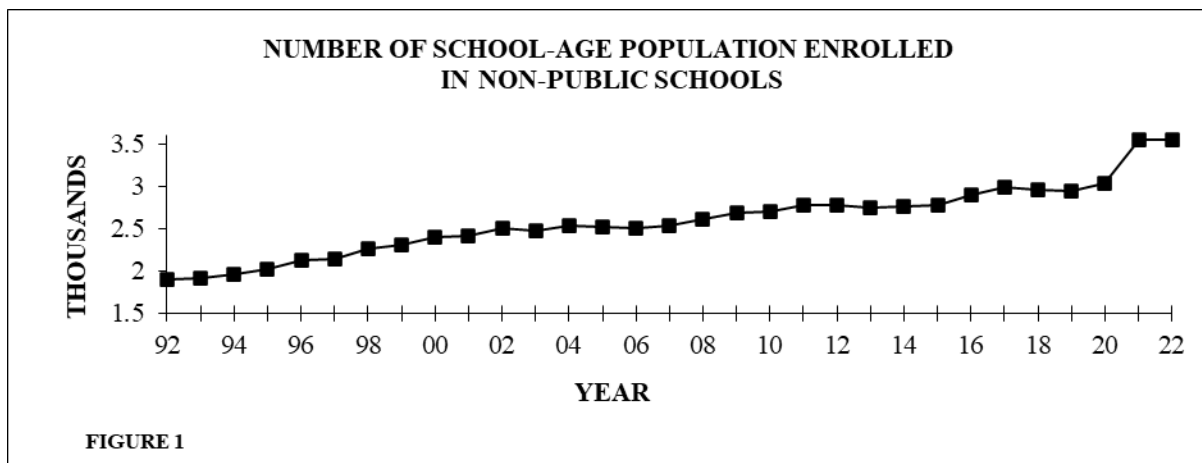
VI. NON-PUBLIC/PRIVATE SCHOOL STUDENTS

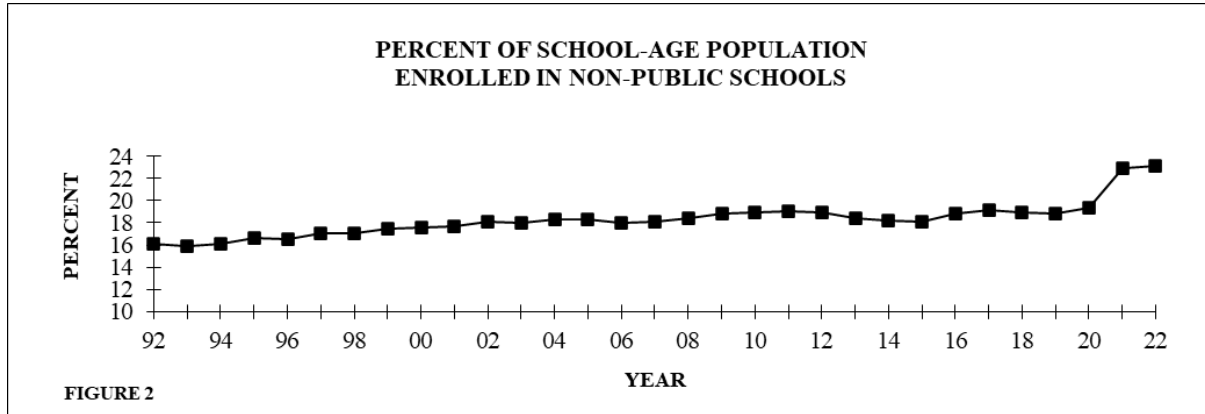
NON-PUBLIC/PRIVATE SCHOOL STUDENTS

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 January, 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 2022 non-public school student census conducted in January 2022 during the 2021-22 school year.

Based on the 2022 census, 23.1% of the school-age population, or 3,539 students, were enrolled in non-public schools in 2021-22. This is a small percentage increase from the previous year, when 22.9% of the school-age population (3,547 students) was enrolled in non-public schools. The overall school-age population in Newton decreased by 108 students from 2020-21 to 2021-22 (from 15,457 to 15,349), or -0.7%.

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 increased in 2020-21 and remained at this level in 2021-22.





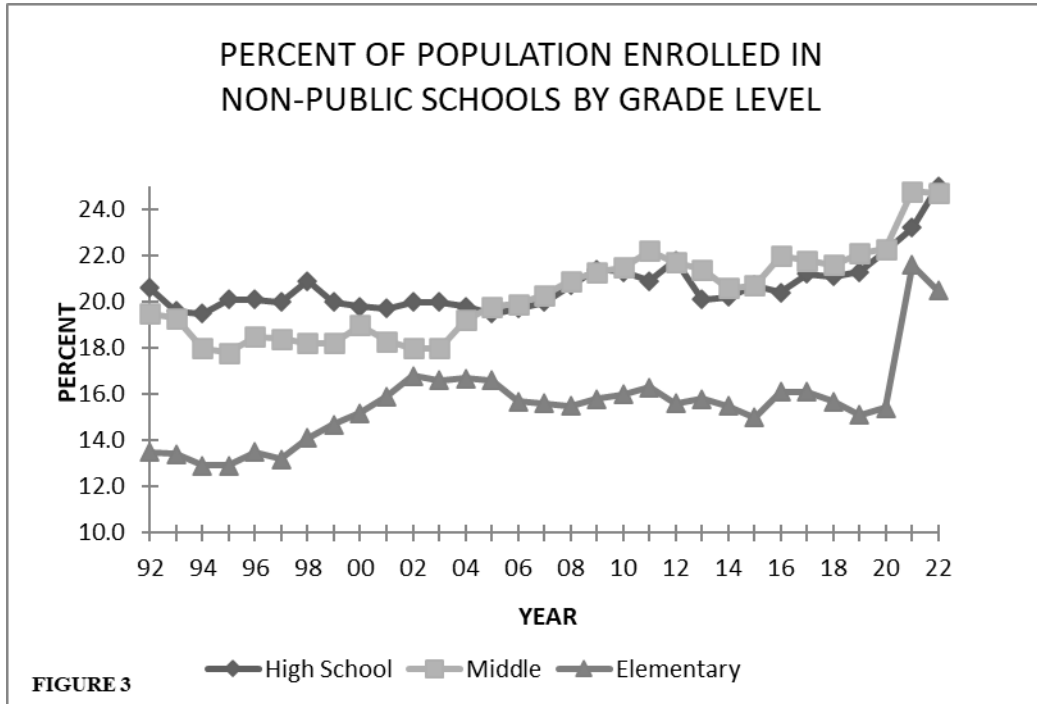
The chart below shows the breakdown of non-public school enrollment by type of school in 2021-22. The majority of the school-age population in Newton that is enrolled in non-public schools is enrolled in private schools in Massachusetts, which is typical.

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%	96%	<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 25% of the school-age population is enrolled in non-public schools in 2021-22. At all three levels, the percentage of the school-age population enrolled in non-public schools increased in 2020-21 and remains at this level in 2021-22, although the elementary school percentage has decreased slightly from 2020-21.



Three additional tables are included in this section. Table 18 displays non-public school enrollment by grade and Table 19 presents this information further separated 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 at the elementary and middle levels, while high school increased compared to 2020-21.
- 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 (26.1% of 6th graders compared to 23.1% in the prior year). Grade 9 also saw an increase in the percentage of students enrolled in non-public schools from the prior year (28.4% of 9th graders compared to 22.7% in the prior year).
- Enrollment of students with special education placements attending private schools, special education collaborative programs, or other public schools decreased from 2020-21, from 126 to 113 students, a 10% decrease (-13 students total). 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 2020-21	% of School-Age Population	N 2021-22	% of School-Age Population	Change from Prior Year (N, %)		Cohort Change from Prior Year (N, %)	
K	288	29.9%	190	20.5%	-98	-34.0%	--	--
1	218	21.0%	229	22.0%	11	5.0%	-59	-20.5%
2	201	19.1%	212	20.2%	11	5.5%	-6	-2.8%
3	227	20.7%	215	19.6%	-12	-5.3%	14	7.0%
4	191	17.1%	239	21.8%	48	25.1%	12	5.3%
5	269	22.8%	211	18.8%	-58	-21.6%	20	10.5%
Total	1,394	21.6%	1,296	20.5%	-98	-7.0%		
6	300	23.1%	311	26.1%	11	3.7%	42	15.6%
7	306	24.2%	311	23.9%	5	1.6%	11	3.7%
8	352	27.0%	307	24.4%	-45	-12.8%	1	0.3%
Total	958	24.8%	929	24.7%	-29	-3.0%		
9	273	22.7%	380	28.4%	107	39.2%	28	8.0%
10	320	24.6%	285	23.2%	-35	-10.9%	12	4.4%
11	296	22.5%	318	24.7%	22	7.4%	-2	-0.6%
12	284	22.2%	302	22.5%	18	6.3%	6	2.0%
SP	22	42.3%	29	49.2%	7	31.8%	7	31.8%
Total	1,195	23.2%	1,314	25.0%	119	10.0%		
Grand Total	3,547	22.9%	3,539	23.1%	-8	-0.2%		

Change from the prior year compares the same grade level from one year to the next year (these are different groups of students). Cohort change from the prior year compares the size of the same cohort of students from one year to the next year (i.e., last year's first graders compared to this year's second graders).

TABLE 19

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

Elementary District	2020-21		2021-22 by Grade						2021-22	
	N	% of School Age Population	K	1	2	3	4	5	N	% of School Age Population
Angier	123	22.3%	16	23	13	17	25	18	112	20.9%
Bowen	105	23.5%	14	22	12	12	17	18	95	21.6%
Burr	57	14.4%	12	8	4	9	10	9	52	12.8%
Cabot	115	23.3%	14	19	16	21	19	11	100	19.5%
Countryside	80	17.8%	10	14	16	12	19	8	79	17.6%
Franklin	48	11.2%	2	11	8	7	5	4	37	8.4%
Horace Mann	42	10.0%	10	11	5	5	12	2	45	10.9%
Lincoln-Eliot	66	15.8%	4	8	13	14	8	9	56	15.1%
Mason-Rice	139	27.5%	16	18	27	20	21	19	121	26.4%
Memorial-Spaulding	167	29.2%	26	26	31	31	28	22	164	29.3%
Peirce	105	30.6%	10	14	15	9	26	16	90	27.4%
Underwood	55	19.6%	8	11	10	8	8	10	55	19.9%
Ward	170	44.0%	29	30	22	30	25	39	175	45.3%
Williams	29	10.5%	3	5	3	4	1	8	24	9.6%
Zervas	93	19.1%	16	9	17	16	15	18	91	17.7%
Total Elementary	1,394	21.6%	190	229	212	215	239	211	1,296	20.5%
					6	7	8			
Bigelow Middle	157	23.7%				45	56	41	142	23.4%
Brown Middle	292	26.9%				105	84	104	293	27.9%
Day Middle	262	21.5%				75	87	77	239	20.3%
Oak Hill Middle	247	27.6%				86	84	85	255	27.8%
Total Middle School	958	24.8%				311	311	307	929	24.7%
					9	10	11	12	SP	
Newton North	539	20.6%	163	129	151	130	14		587	21.8%
Newton South	656	26.0%	217	156	167	172	15		727	28.4%
Total High School	1195	23.2%	380	285	318	302	29		1,314	25.0%
GRAND TOTAL	3,547	22.9%							3,539	23.1%

Students residing in buffer zones are assigned a districted school according to the attendance percentages of currently enrolled buffer zone resident students.

Enrollment Analysis Report | 2022

TABLE 20

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

Elementary	Total As of 2020-21	2021-22 Grade							Total As of 2021-22
		PK	K	1	2	3	4	5	
Angier	1								0
Bowen	1							1	1
Burr	2	1				1			2
Cabot	0								0
Countryside	1				1				1
Franklin	0								0
Horace Mann	1								0
Lincoln-Eliot	1								0
Mason-Rice	2								0
Memorial-Spaulding	1					2	1	1	4
Peirce	0								0
Underwood	0								0
Ward	2						1	1	2
Williams	1							1	1
Zervas	4								0
Total Elementary	17	1	0	0	1	3	2	4	11
						6	7	8	
Bigelow Middle	6						2	1	3
Brown Middle	6					3		2	5
Day Middle	12					2	4	2	8
Oak Hill Middle	5					2	2	1	5
Total Middle School	29					7	8	6	21
						9	10	11	12
								SP	
Newton North	41			7	4	10	8	12	41
Newton South	39			6	5	7	9	13	40
Total High School	80			13	9	17	17	25	81
Grand Total	126								113

VII. CLASS SIZE DATA

CLASS SIZE STATISTICS

The class size statistics presented in this section are as of October 1, 2022 for elementary and middle schools, and as of October 15, 2022 for high schools. Historical and current year data on class size averages and the distribution of large and small classes are shown in Table 21 and Table 22. These tables illustrate trends in average class sizes over the past ten years and trends in the distribution of class sizes for the past four years. As shown in Table 21, class sizes have increased slightly at the elementary level this year, although the overall average class size is still one of the lowest in ten years. Class sizes at the middle schools and high school have also increased slightly. Table 22 shows a decrease in the percentage of small classes (fewer than 20 students) at all three levels and slightly increases in the percentage of larger classes (25 students or more) at the middle and high school levels.

**TABLE 21
AVERAGE CLASS SIZES FOR ALL GRADE LEVELS - TEN YEARS**

Grade Level	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
Elementary	21.2	20.6	20.5	20.7	21.0	21.0	20.8	18.9	19.2	19.4
Middle	21.7	20.9	20.9	21.2	21.7	21.3	21.7	21.1	20.5	20.7
High School	22.0	21.6	21.4	22.0	22.3	22.0	22.2	21.6	21.6	22.0

**TABLE 22
PERCENT OF CLASSES WITH 25 OR MORE AND WITH
FEWER THAN 20 STUDENTS
2019-20 THROUGH 2022-23**

Grade Level	25 Students or More				Fewer Than 20 Students			
	2019-20	2020-21	2021-22	2022-23	2019-20	2020-21	2021-22	2022-23
Elementary	2%	2%	0%	0%	27%	60%	54%	48%
Middle	6%	8%	1%	3%	14%	23%	30%	26%
High	31%	23%	23%	28%	22%	25%	26%	24%

ELEMENTARY SCHOOL CLASS SIZES

The elementary school average class size has increased slightly to 19.4 students (see Table 21). The ten-year peak in elementary school class size averages was 21.2 students in the 2013-14 school year. Class sizes at the elementary schools range from 13 to 24 students. Please note that grade 5 at Ward began the year as one classroom of 27 students; as of January 1, 2023, it is two classrooms of 13 and 14 students each. The table below includes both grade 5 classrooms at Ward.

Table 23 summarizes overall enrollment by building and includes enrollment of students requiring special education services and English Language Learners for each school.

TABLE 23
SCHOOL ENROLLMENT STATISTICS AND DISTRIBUTION OF CLASS SIZES
AS OF OCTOBER 1, 2022

School	Total Enrollment (10/1/2022)	Students requiring special education services*	English Language Learners*	Distribution of Overall Class Sizes					Total Number of Classes	Average Overall Class Size
				5-9 Students	10-14 Students	15-19 Students	20-24 Students	25-29 Students		
Angier	376	16.5%	7.4%			15	5		20	18.8
Bowen	360	15.3%	11.7%			6	12		18	20.0
Burr	368	17.1%	12.0%			2	16		18	20.4
Cabot	442	14.3%	7.9%			5	16		21	21.0
Countryside	372	18.0%	11.8%			10	9		19	19.6
Franklin	363	13.8%	11.6%			5	13		18	20.2
Horace Mann	357	14.3%	9.8%			6	12		18	19.8
Lincoln-Eliot	338	19.2%	21.9%		1	10	7		18	18.8
Mason-Rice	332	13.9%	10.5%			14	4		18	18.4
Memorial-Spaulding	397	14.9%	13.6%			5	15		20	19.9
Peirce	241	16.6%	6.2%			10	3		13	18.5
Underwood	221	9.5%	12.2%		2	6	4		12	18.4
Ward	194	14.4%	5.2%		2	5	4		11	17.6
Williams	231	17.3%	10.0%			6	6		12	19.3
Zervas	406	15.3%	12.1%			13	8		21	19.3
Total	4,998	15.4%	11.1%	0	5	118	134	0	257	19.4

*Ward's classrooms are displayed as of January 1, 2023, when an additional grade 5 classroom was added.

TABLE 23a
DISTRIBUTION OF ELEMENTARY CLASS SIZES
2022-23

ENROLLMENT OCTOBER 1

SCHOOL	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5	
Angier					17		18		19			# Rooms
			19		16		17		18		23	20
	22		19		16		17		18		23	
	21		19		16		17		18		23	
TOTAL	43	0	57	0	65	0	69	0	73	0	69	376
Bowen												# Rooms
	17		19		21		21		22		22	18
	17		19		20		20		22		22	
	17		19		20		20		21		21	
TOTAL	51	0	57	0	61	0	61	0	65	0	65	360
Burr												# Rooms
	20		20		20		22		21		21	18
	19		20		20		22		21		20	
	19		20		20		22		21		20	
TOTAL	58	0	60	0	60	0	66	0	63	0	61	368
Cabot												# Rooms
	18				23		21					21
	18		20		22		21		24		23	
	18		20		22		21		23		22	
	18		20		22		21		23		22	
TOTAL	72	0	60	0	89	0	84	0	70	0	67	442
Countryside			16									# Rooms
	19		16		22		19		21		23	19
	19		16		22		18		21		23	
	18		16		21		18		21		23	
TOTAL	56	0	64	0	65	0	55	0	63	0	69	372
Franklin					18							# Rooms
			21		18		20		23		22	18
	20		20		17		20		22		22	
	20		20		17		20		22		21	
TOTAL	40	0	61	0	70	0	60	0	67	0	65	363
Horace Mann												# Rooms
	15		20		21		24		21		20	18
	15		20		21		23		21		19	
	15		20		20		23		20		19	
TOTAL	45	0	60	0	62	0	70	0	62	0	58	357
Lincoln-Eliot	19		18		22		15		22		20	# Rooms
	18		17		21		15		21		19	18
	18		17		21		15		21		19	
TOTAL	55	0	52	0	64	0	45	0	64	0	58	338

This is a theoretical representation of class sizes and is not a staffing pattern.

TABLE 23a, Continued
DISTRIBUTION OF ELEMENTARY CLASS SIZES
2022-23

ENROLLMENT OCTOBER 1

SCHOOL	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5		
Mason-Rice	17		17		20		19		19		21		# Rooms 18
	17		16		19		19		18		21		
	17		16		19		18		18		21		
TOTAL	51	0	49	0	58	0	56	0	55	0	63		332
Memorial-Spaulding			22								21		# Rooms 20
	19		22		17		21		21		20		
	19		21		16		21		21		20		
	18		21		16		20		21		20		
TOTAL	56	0	86	0	49	0	62	0	63	0	81		397
Peirce									16				# Rooms 13
	18		18		19		20		16		22		
	18		18		19		19		16		22		
TOTAL	36	0	36	0	38	0	39	0	48	0	44		241
Underwood													# Rooms 12
	19		19		22		18		21		13		
	18		19		22		17		20		13		
TOTAL	37	0	38	0	44	0	35	0	41	0	26		221
Ward													# Rooms 11
			17		21		18		21		14		
	16		16		21		17		20		13		
TOTAL	16	0	33	0	42	0	35	0	41	0	27		194
Williams													# Rooms 12
	20		20		17		20		20		20		
	20		19		17		19		19		20		
TOTAL	40	0	39	0	34	0	39	0	39	0	40		231
Zervas			17				20		19				# Rooms 21
	19		17		20		20		19		24		
	18		17		20		20		18		23		
	18		17		20		19		18		23		
TOTAL	55	0	68	0	60	0	79	0	74	0	70		406

	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5		
Grand Total	711	0	820	0	861	0	855	0	888	0	863		4,998
Avg. Class Size	18.2	0.0	18.6	0.0	19.6	0.0	19.4	0.0	20.2	0.0	20.5		19.4
# of Rooms/Classes	39	0	44	0	44	0	44	0	44	0	42		257

This is a theoretical representation of class sizes and is not a staffing pattern.

TABLE 23a
DISTRIBUTION OF ELEMENTARY CLASS SIZES
2023-24

ENROLLMENT OCTOBER 1

SCHOOL	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5	
Angier												# Rooms
	18		17		21		23		23		24	18
	18		17		20		23		23		24	
	17		17		20		23		23		24	
TOTAL	53	0	51	0	61	0	69	0	69	0	72	375
Bowen												# Rooms
	16		20		19		22		21		23	18
	15		20		19		22		20		22	
	15		19		19		21		20		22	
TOTAL	46	0	59	0	57	0	65	0	61	0	67	355
Burr												# Rooms
	19		22		21		20		22		21	18
	19		22		20		20		22		20	
	19		22		20		20		21		20	
TOTAL	57	0	66	0	61	0	60	0	65	0	61	370
Cabot			21				23		22			# Rooms
	20		21		23		23		22		24	21
	20		21		23		23		22		24	
	19		21		23		22		22		24	
TOTAL	59	0	84	0	69	0	91	0	88	0	72	463
Countryside												# Rooms
	17		22		21		24		19		22	18
	17		22		21		23		18		22	
	16		21		20		23		18		21	
TOTAL	50	0	65	0	62	0	70	0	55	0	65	367
Franklin												# Rooms
	17				21		24		20		22	17
	17		22		21		24		20		22	
	16		22		20		23		19		22	
TOTAL	50	0	44	0	62	0	71	0	59	0	66	352
Horace Mann												# Rooms
	18		17		21		22		24		21	18
	18		17		21		21		23		20	
	17		16		20		21		23		20	
TOTAL	53	0	50	0	62	0	64	0	70	0	61	360
Lincoln-Eliot												# Rooms
	17		21		18		20				22	17
	17		21		18		20		24		21	
	16		20		17		20		23		21	
TOTAL	50	0	62	0	53	0	60	0	47	0	64	336

This is a theoretical representation of class sizes and is not a staffing pattern.

TABLE 23a, Continued
DISTRIBUTION OF ELEMENTARY CLASS SIZES
2023-24

ENROLLMENT OCTOBER 1

SCHOOL	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5		
Mason-Rice	15		19		18		20		19		18		# Rooms 18
	15		18		18		20		18		18		
	15		18		17		19		18		18		
TOTAL	45	0	55	0	53	0	59	0	55	0	54		321
Memorial-Spaulding					23								# Rooms 19
	17		20		23		17		22		22		
	16		20		22		17		21		22		
	16		20		22		17		21		21		
TOTAL	49	0	60	0	90	0	51	0	64	0	65		379
Peirce											17		# Rooms 13
	17		20		19		19		19		17		
	17		19		19		19		19		17		
TOTAL	34	0	39	0	38	0	38	0	38	0	51		238
Underwood													# Rooms 12
	17		20		20		21		18		21		
	16		19		19		20		17		20		
TOTAL	33	0	39	0	39	0	41	0	35	0	41		228
Ward													# Rooms 11
	12				16		22		17		21		
	12		18		16		21		16		20		
TOTAL	24	0	18	0	32	0	43	0	33	0	41		191
Williams													# Rooms 12
	20		20		19		17		18		19		
	19		19		19		16		18		19		
TOTAL	39	0	39	0	38	0	33	0	36	0	38		223
Zervas									20				# Rooms 19
	21		22		24		20		20		25		
	21		22		23		20		20		24		
	20		21		23		19		20		24		
TOTAL	62	0	65	0	70	0	59	0	80	0	73		409

	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5		
Grand Total	704	0	796	0	847	0	874	0	855	0	891		4,967
Avg. Class Size	17.2	0.0	19.9	0.0	20.2	0.0	20.8	0.0	20.4	0.0	21.2		19.9
# of Rooms/Classes	41	0	40	0	42	0	42	0	42	0	42		249

This is a theoretical representation of class sizes and is not a staffing pattern.

**TABLE 23a
DISTRIBUTION OF ELEMENTARY CLASS SIZES
2024-25**

ENROLLMENT OCTOBER 1

SCHOOL	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5	
Angier												# Rooms
	15		20		18		22		23		23	18
	15		20		17		22		23		23	
	15		19		17		21		22		22	
TOTAL	45	0	59	0	52	0	65	0	68	0	68	357
Bowen												# Rooms
			19		20		20		22		21	17
	20		18		20		20		22		21	
	19		18		19		20		21		21	
TOTAL	39	0	55	0	59	0	60	0	65	0	63	341
Burr												# Rooms
	17		22		22		20		20		22	18
	17		21		22		20		19		21	
	17		21		22		20		19		21	
TOTAL	51	0	64	0	66	0	60	0	58	0	64	363
Cabot					24				24		23	# Rooms
	18		23		24		24		24		23	21
	17		23		23		24		24		23	
	17		22		23		23		23		23	
TOTAL	52	0	68	0	94	0	71	0	95	0	92	472
Countryside												# Rooms
	16		20		22		23		24		20	18
	16		20		22		23		24		20	
	15		20		22		23		24		19	
TOTAL	47	0	60	0	66	0	69	0	72	0	59	373
Franklin												# Rooms
			19				21		24		19	16
	21		18		23		21		23		19	
	21		18		22		21		23		19	
TOTAL	42	0	55	0	45	0	63	0	70	0	57	332
Horace Mann												# Rooms
	16		19		18		22		22		24	18
	16		19		17		21		21		23	
	15		19		17		21		21		23	
TOTAL	47	0	57	0	52	0	64	0	64	0	70	354
Lincoln-Eliot												# Rooms
	16		19		21				21			16
	15		19		21		25		20		23	
	15		19		20		24		20		23	
TOTAL	46	0	57	0	62	0	49	0	61	0	46	321

This is a theoretical representation of class sizes and is not a staffing pattern.

TABLE 23a, Continued
DISTRIBUTION OF ELEMENTARY CLASS SIZES
2024-25

ENROLLMENT OCTOBER 1

SCHOOL	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5		
Mason-Rice	19		24		20		19		20		18		# Rooms 16
	18		24		20		18		19		18		
TOTAL	37	0	48	0	60	0	55	0	58	0	54		312
Memorial-Spaulding	15		18		21		24		18		22		# Rooms 19
	15		18		21		24		18		22		
	15		17		21		23		17		22		
TOTAL	45	0	53	0	63	0	95	0	53	0	66		375
Peirce	16		21		21		19		19		20		# Rooms 12
	15		20		20		19		18		20		
TOTAL	31	0	41	0	41	0	38	0	37	0	40		228
Underwood	13		18		20		19		21		17		# Rooms 12
	13		17		20		18		20		17		
TOTAL	26	0	35	0	40	0	37	0	41	0	34		213
Ward	17		13		17		17		21		17		# Rooms 10
	17		13		17		16		20		16		
TOTAL	17	0	26	0	17	0	33	0	41	0	33		167
Williams	19		20		19		19		16		18		# Rooms 12
	18		19		19		19		15		17		
TOTAL	37	0	39	0	38	0	38	0	31	0	35		218
Zervas	19		24		22		24		21		20		# Rooms 19
	18		24		22		23		20		20		
	18		23		21		23		20		19		
TOTAL	55	0	71	0	65	0	70	0	61	0	79		401

	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5		
Grand Total	617	0	788	0	820	0	867	0	875	0	860		4,827
Avg. Class Size	16.7	0.0	19.7	0.0	20.5	0.0	21.1	0.0	20.8	0.0	20.5		19.9
# of Rooms/Classes	37	0	40	0	40	0	41	0	42	0	42		242

This is a theoretical representation of class sizes and is not a staffing pattern.

TABLE 23a
DISTRIBUTION OF ELEMENTARY CLASS SIZES
2025-26

ENROLLMENT OCTOBER 1

SCHOOL	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5	
Angier												# Rooms
	16				21		19		22		23	17
	16		25		20		18		22		23	
	15		24		20		18		21		22	
TOTAL	47	0	49	0	61	0	55	0	65	0	68	345
Bowen												# Rooms
	16				19		21		21		22	17
	15		23		18		21		20		22	
	15		22		18		20		20		22	
TOTAL	46	0	45	0	55	0	62	0	61	0	66	335
Burr												# Rooms
	20		20		22		22		20		19	18
	20		20		21		22		19		19	
	19		20		21		21		19		19	
TOTAL	59	0	60	0	64	0	65	0	58	0	57	363
Cabot												# Rooms
							24				25	20
	21		20		25		24		25		25	
	21		19		25		24		25		25	
	20		19		25		23		24		24	
TOTAL	62	0	58	0	75	0	95	0	74	0	99	463
Countryside											19	# Rooms
	18		19		21		25		24		19	19
	18		19		20		25		24		19	
	18		18		20		24		23		19	
TOTAL	54	0	56	0	61	0	74	0	71	0	76	392
Franklin												# Rooms
					19				21		23	15
	22		24		18		23		20		23	
	21		23		18		23		20		22	
TOTAL	43	0	47	0	55	0	46	0	61	0	68	320
Horace Mann												# Rooms
	17		17		20		18		22		22	18
	17		17		20		18		21		21	
	17		17		19		17		21		21	
TOTAL	51	0	51	0	59	0	53	0	64	0	64	342
Lincoln-Eliot												# Rooms
	19		17		19		19				21	17
	18		17		19		19		25		20	
	18		17		18		19		25		20	
TOTAL	55	0	51	0	56	0	57	0	50	0	61	330

This is a theoretical representation of class sizes and is not a staffing pattern.

TABLE 23a, Continued
DISTRIBUTION OF ELEMENTARY CLASS SIZES
2025-26

ENROLLMENT OCTOBER 1

SCHOOL	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5	
Mason-Rice					18		21		18		19	# Rooms 16
	22		20		18		21		18		19	
	21		20		17		20		17		19	
TOTAL	43	0	40	0	53	0	62	0	53	0	57	308
Memorial-Spaulding												# Rooms 18
	17				19		23		25		19	
	17		24		18		22		24		18	
	16		24		18		22		24		18	
TOTAL	50	0	48	0	55	0	67	0	98	0	55	373
Peirce												# Rooms 12
	17		18		22		21		19		20	
	17		17		21		21		18		19	
TOTAL	34	0	35	0	43	0	42	0	37	0	39	230
Underwood												# Rooms 12
	15		15		18		19		19		20	
	14		14		18		19		18		20	
TOTAL	29	0	29	0	36	0	38	0	37	0	40	209
Ward												# Rooms 9
					13				16		21	
	20		19		13		18		16		20	
TOTAL	20	0	19	0	26	0	18	0	32	0	41	156
Williams												# Rooms 13
	15		20		21		20		18		16	
	15		19		20		19		18		15	
TOTAL	45	0	39	0	41	0	39	0	36	0	31	231
Zervas												# Rooms 18
	20		22		24		22		24		20	
	19		22		24		22		24		20	
	19		22		23		22		24		20	
TOTAL	58	0	66	0	71	0	66	0	72	0	60	393

	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5	
Grand Total	696	0	693	0	811	0	839	0	869	0	882	4,790
Avg. Class Size	17.8	0.0	19.8	0.0	19.8	0.0	21.0	0.0	21.2	0.0	20.5	20.0
# of Rooms/Classes	39	0	35	0	41	0	40	0	41	0	43	239

This is a theoretical representation of class sizes and is not a staffing pattern.

TABLE 23a
DISTRIBUTION OF ELEMENTARY CLASS SIZES
2026-27

ENROLLMENT OCTOBER 1

SCHOOL	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5	
Angier			19		17		22		19		22	# Rooms 18
	16		18		17		21		18		21	
	15		18		17		21		18		21	
TOTAL	47	0	55	0	51	0	64	0	55	0	64	336
Bowen			19				19		21		21	# Rooms 16
	21		18		23		19		21		21	
	21		18		22		19		21		20	
TOTAL	42	0	55	0	45	0	57	0	63	0	62	324
Burr			23		20		21		21		20	# Rooms 18
	19		23		20		21		21		19	
	19		22		20		20		21		19	
TOTAL	57	0	68	0	60	0	62	0	63	0	58	368
Cabot			23		22		19		25			# Rooms 20
	19		23		21		19		25		25	
	18		23		21		19		24		25	
TOTAL	56	0	69	0	64	0	76	0	99	0	75	439
Countryside			22		19		23		19		20	# Rooms 20
	17		22		19		23		19		19	
	16		22		19		22		19		19	
TOTAL	50	0	66	0	57	0	68	0	76	0	77	394
Franklin							19				20	# Rooms 14
	21		23		24		19		23		20	
	21		23		23		18		22		20	
TOTAL	42	0	46	0	47	0	56	0	45	0	60	296
Horace Mann			19		18		21		18		21	# Rooms 18
	16		19		18		20		18		21	
	16		18		17		20		18		21	
TOTAL	49	0	56	0	53	0	61	0	54	0	63	336
Lincoln-Eliot			20		17		18		20			# Rooms 17
	17		20		17		17		19		25	
	17		20		17		17		19		25	
TOTAL	51	0	60	0	51	0	52	0	58	0	50	322

This is a theoretical representation of class sizes and is not a staffing pattern.

TABLE 23a, Continued
DISTRIBUTION OF ELEMENTARY CLASS SIZES
2026-27

ENROLLMENT OCTOBER 1

SCHOOL	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5		
Mason-Rice	18		23		22		18		20		18		# Rooms 15
	17		23		21		18		20		17		
TOTAL	35	0	46	0	43	0	54	0	60	0	52		290
Memorial-Spaulding			19				20		23		21		# Rooms 17
	21		19		25		19		23		20		
	21		18		25		19		23		20		
TOTAL	42	0	56	0	50	0	58	0	69	0	101		376
Peirce	17		19		19		22		21		20		# Rooms 12
	17		19		18		21		20		19		
TOTAL	34	0	38	0	37	0	43	0	41	0	39		232
Underwood	13		16		15		17		19		19		# Rooms 12
	13		15		15		17		19		18		
TOTAL	26	0	31	0	30	0	34	0	38	0	37		196
Ward							13						# Rooms 8
	18		22		19		13		17		16		
TOTAL	18	0	22	0	19	0	26	0	17	0	32		134
Williams	17		23		21		21		19		18		# Rooms 13
	16		22		20		20		18		18		
TOTAL	49	0	45	0	41	0	41	0	37	0	36		249
Zervas	20		23		22		24		23		24		# Rooms 18
	19		22		22		24		22		24		
	19		22		21		24		22		23		
TOTAL	58	0	67	0	65	0	72	0	67	0	71		400

	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5		
Grand Total	656	0	780	0	713	0	824	0	842	0	877		4,692
Avg. Class Size	17.7	0.0	20.5	0.0	19.8	0.0	19.6	0.0	20.5	0.0	20.4		19.9
# of Rooms/Classes	37	0	38	0	36	0	42	0	41	0	42		236

This is a theoretical representation of class sizes and is not a staffing pattern.

TABLE 23a
DISTRIBUTION OF ELEMENTARY CLASS SIZES
2027-28

ENROLLMENT OCTOBER 1

SCHOOL	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL	
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5		
Angier												# Rooms	
	16		18		19		18		22		18	18	
	16		18		19		18		21		18	18	
Angier	15		18		19		18		21		18	18	
	TOTAL	47	0	54	0	57	0	54	0	64	0	54	330
	Bowen												# Rooms
					19				20		22	22	
22			24		18		24		19		22	15	
Bowen	21		24		18		23		19		21	21	
	TOTAL	43	0	48	0	55	0	47	0	58	0	65	316
	Burr												# Rooms
19			22		23		20		21		21	21	
19			21		23		19		20		21	18	
Burr	19		21		22		19		20		20	20	
	TOTAL	57	0	64	0	68	0	58	0	61	0	62	370
	Cabot											21	# Rooms
					20				20		21	21	
19			21		19		22		20		21	21	
Cabot	19		21		19		22		20		20	20	
	19		20		19		21		20		20	20	
	TOTAL	57	0	62	0	77	0	65	0	80	0	103	444
Countryside											21	# Rooms	
	19		19		23		21		24		21	21	
	19		19		22		21		23		20	19	
Countryside	19		18		22		21		23		20	20	
	TOTAL	57	0	56	0	67	0	63	0	70	0	82	395
	Franklin												# Rooms
									19			13	
22			22		23		24		18		22	22	
Franklin	22		22		23		24		18		22	22	
	TOTAL	44	0	44	0	46	0	48	0	55	0	44	281
	Horace Mann												# Rooms
18			18		19		19		21		18	18	
17			18		19		18		20		18	18	
Horace Mann	17		18		19		18		20		17	17	
	TOTAL	52	0	54	0	57	0	55	0	61	0	53	332
	Lincoln-Eliot												# Rooms
18			20		20				18		20	20	
18			19		20		24		18		19	17	
Lincoln-Eliot	18		19		20		23		17		19	19	
	TOTAL	54	0	58	0	60	0	47	0	53	0	58	330

This is a theoretical representation of class sizes and is not a staffing pattern.

TABLE 23a, Continued
DISTRIBUTION OF ELEMENTARY CLASS SIZES
2027-28

ENROLLMENT OCTOBER 1

SCHOOL	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5		
Mason-Rice					17				18		20		# Rooms 15
	20		19		17		22		18		20		
	20		19		17		22		17		19		
TOTAL	40	0	38	0	51	0	44	0	53	0	59		285
Memorial-Spaulding					20		18		20		24		# Rooms 16
	22		23		20		18		20		24		
	22		22		19		17		20		23		
TOTAL	44	0	45	0	59	0	53	0	60	0	71		332
Peirce					20		19		21		22		# Rooms 12
	19		19		20		19		21		22		
	19		18		20		18		21		21		
TOTAL	38	0	37	0	40	0	37	0	42	0	43		237
Underwood					16		15		17		19		# Rooms 12
	14		14		16		15		17		19		
	13		14		16		14		17		19		
TOTAL	27	0	28	0	32	0	29	0	34	0	38		188
Ward					22		19		25		17		# Rooms 6
	17		20		22		19		25		17		
TOTAL	17	0	20	0	22	0	19	0	25	0	17		120
Williams	18												# Rooms 13
	18		25		23		20		20		19		
	18		24		22		20		19		18		
TOTAL	54	0	49	0	45	0	40	0	39	0	37		264
Zervas					22		22		25		22		# Rooms 18
	19		23		22		22		24		22		
	19		23		22		22		24		22		
	19		23		22		22		24		22		
TOTAL	57	0	69	0	66	0	66	0	73	0	66		397

	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5		
Grand Total	688	0	726	0	802	0	725	0	828	0	852		4,621
Avg. Class Size	18.6	0.0	20.2	0.0	20.1	0.0	20.1	0.0	20.2	0.0	20.3		20.0
# of Rooms/Classes	37	0	36	0	40	0	36	0	41	0	41		231

This is a theoretical representation of class sizes and is not a staffing pattern.

MIDDLE SCHOOL CLASS AND TEAM SIZES

In middle school, overall average class size has increased slightly from last year to 20.7 students (see Table 24). The middle school average team size has decreased slightly to 85 students (last year it was 87 students), with average grade level team sizes at individual schools ranging from 73 to 95 students (see Table 24a). For an eleventh consecutive year, there are no teams of over 100 students.

The middle schools are continuing to maintain previous improvement in both average class size and the number of large classes after a peak in 2011-12. Three prior years of average class sizes are provided in Table 24.

The individual school charts in Table 24 show that Bigelow, Day, and Oak Hill have overall average class sizes that have increased slightly from last year, while Brown has decreased slightly. The percentage of large classes of 25 or more students ranges from 1% (at Brown) to 6% (at Day). All four middle schools have the majority of their classes in the range of 20-24 students.

**TABLE 24
DISTRIBUTION OF CLASS SIZES
2022-2023
ALL MIDDLE SCHOOLS**

Class Size	SUBJECT					TOTAL	
	English	Science	Social Studies	Math	World Language	N	%
30 or more						0	0%
25-29	1	3	1	1	13	19	3%
20-24	77	105	97	93	76	448	71%
15-19	51	21	30	35	22	159	25%
10-14			1		6	7	1%
10 or fewer					1	1	0%
Total	129	129	129	129	118	634	100%
Avg. Class Size							
2022-23	20.1	21.2	20.8	20.7	20.9	20.7	
2021-22	20.2	20.8	20.5	20.5	20.6	20.5	
2020-21	21	21.4	21.2	21.2	20.9	21.1	
2019-20	21.4	22.2	21.9	21.6	21.2	21.7	

TABLE 24, cont.
DISTRIBUTION OF CLASS SIZES
2022-2023
BIGELOW MIDDLE SCHOOL

Class Size	SUBJECT					TOTAL	
	English	Science	Social Studies	Math	World Language	N	%
30 or more						0	0%
25-29					3	3	3%
20-24	10	15	14	13	8	60	55%
15-19	12	7	7	9	7	42	39%
10-14			1		2	3	3%
10 or fewer					1	1	1%
Total	22	22	22	22	21	109	100%
Avg. Class Size							
2022-23	19.3	20.4	19.8	20.0	19.1	19.7	
2021-22	18.6	19.3	18.8	19.6	18.5	19	
2020-21	20.5	20.8	20.6	21.0	19.5	20.5	
2019-20	20	20.8	20.1	20.8	18.6	20.1	

TABLE 24, cont.
DISTRIBUTION OF CLASS SIZES
2022-2023
BROWN MIDDLE SCHOOL

Class Size	SUBJECT					TOTAL	
	English	Science	Social Studies	Math	World Language	N	%
30 or more						0	0%
25-29		1			1	2	1%
20-24	18	25	24	23	23	113	65%
15-19	18	10	12	13	6	59	34%
10-14						0	0%
10 or fewer						0	0%
Total	36	36	36	36	30	174	100%
Avg. Class Size							
2022-23	19.7	20.4	20.1	20.2	21.3	20.3	
2021-22	20.5	20.8	20.5	20.6	21.9	20.8	
2020-21	21.3	21.4	21.3	21.4	22.7	21.6	
2019-20	21.7	22.4	22	22.2	22.3	22.1	

TABLE 24, cont.
DISTRIBUTION OF CLASS SIZES
2022-2023
DAY MIDDLE SCHOOL

Class Size	SUBJECT					TOTAL	
	English	Science	Social Studies	Math	World Language	N	%
30 or more						0	0%
25-29	1	2	1	1	7	12	6%
20-24	33	37	33	33	25	161	77%
15-19	8	3	8	8	4	31	15%
10-14					4	4	2%
10 or fewer						0	0%
Total	42	42	42	42	40	208	100%
Avg. Class Size							
2022-23	21.1	21.7	21.5	21.3	21.3	21.4	
2021-22	20.9	21.2	21.1	20.7	20.5	20.9	
2020-21	20.9	21.3	21.3	20.8	21	21.1	
2019-20	21.7	22.3	22.2	21.9	22.3	22.1	

TABLE 24, cont.
DISTRIBUTION OF CLASS SIZES
2022-2023
OAK HILL MIDDLE SCHOOL

Class Size	SUBJECT					TOTAL	
	English	Science	Social Studies	Math	World Language	N	%
30 or more						0	0%
25-29					2	2	1%
20-24	16	28	26	24	20	114	80%
15-19	13	1	3	5	5	27	19%
10-14						0	0%
10 or fewer						0	0%
Total	29	29	29	29	27	143	100%
Avg. Class Size							
2022-23	19.9	21.9	21.2	20.8	21.4	21	
2021-22	20	21.6	21.2	20.8	20.8	20.9	
2020-21	21.2	22	21.6	21.8	19.8	21.3	
2019-20	22.1	23.3	22.7	21.4	20.7	22	

TABLE 24a
COMPARISON OF AVERAGE MIDDLE SCHOOL TEAM SIZES
2019-20 THROUGH 2022-23

School	2022-23			
	Grade 6	Grade 7	Grade 8	All Grades
Bigelow	88	73	84	81
Brown	82	80	88	83
Day	85	83	95	88
Oak Hill	90	81	91	88
Avg. Team Size	86	80	90	85

School	2021-22			
	Grade 6	Grade 7	Grade 8	All Grades
Bigelow	84	82	87	84
Brown	90	84	90	88
Day	96	77	90	87
Oak Hill	90	92	77	86
Avg. Team Size	91	83	86	87

School	2020-21			
	Grade 6	Grade 7	Grade 8	All Grades
Bigelow	84	82	87	84
Brown	90	84	90	88
Day	84	88	90	87
Oak Hill	90	92	90	91
Avg. Team Size	87	87	89	88

School	2019-20			
	Grade 6	Grade 7	Grade 8	All Grades
Bigelow	81	88	78	82
Brown	88	92	95	92
Day	94	94	85	91
Oak Hill	96	90	89	92
Avg. Team Size	90	92	87	90

HIGH SCHOOL CLASS SIZES

At the high school level, the average class size for the five major subjects (English, World Languages, Science, History & Social Science, and Mathematics) has increased slightly to 22 students (see Table 21), with the number of high school classes with 25 or more students also increasing to 28% (see Table 22).

This year, the overall average class size at Newton North has increased slightly to 21.9 students (compared to 21.6 students last year) and the overall average class size at Newton South has increased slightly to 22 students (compared to 21.7 students last year). The difference in average class size between the two high schools is 0.1 students, the same as the past two years. Typically, North tends to have a lower average class size than South due to higher enrollment numbers in the College Prep (CP) level of classes, which require smaller class sizes. Table 25 displays average class sizes for the five major academic departments for each school, as well as historical comparisons, and provides a distribution of class sizes for the five major academic departments.

TABLE 25
October 15, 2022
Newton North High School

Class Size	Department										Total	
	English		World Languages		Science		History & Social Science		Mathematics			
	N	%	N	%	N	%	N	%	N	%	N	%
Below 11	2	2%	0	0%	0	0%	2	2%	0	0%	4	1%
11-19	24	25%	37	46%	22	24%	12	15%	22	23%	117	27%
20-24	64	67%	35	44%	43	48%	25	31%	20	21%	187	43%
25-30	5	5%	8	10%	25	28%	42	52%	52	55%	132	30%
Above 30	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Total*	95	100%	80	100%	90	100%	81	100%	94	100%	440	100%
Avg. Class Size												
2022-23	20.4		19.7		22.4		23.5		23.6		21.9	
2021-22	19.9		19.3		22.6		23.0		22.9		21.6	
2020-21	19.9		19.6		22.5		23.1		22.6		21.5	
2019-20	20.0		19.5		22.4		23.6		22.7		21.6	

Newton South High School

Class Size	Department										Total	
	English		World Languages		Science		History & Social Science		Mathematics			
	N	%	N	%	N	%	N	%	N	%	N	%
Below 11	3	4%	0	0%	1	1%	1	1%	3	4%	8	2%
11-19	9	11%	22	33%	15	17%	8	10%	16	20%	70	18%
20-24	61	76%	31	46%	50	56%	50	64%	26	32%	218	55%
25-30	7	9%	13	19%	23	26%	19	24%	37	45%	99	25%
Above 30	0	0%	1	1%	0	0%	0	0%	0	0%	1	0%
Total*	80	100%	67	100%	89	100%	78	100%	82	100%	396	100%
Avg. Class Size												
2022-23	21.7		21.1		22.0		22.6		22.6		22.0	
2021-22	21.0		21.7		21.5		22.2		22.0		21.7	
2020-21	20.8		21.0		21.4		22.7		22.2		21.6	
2019-20	21.9		21.8		22.5		23.3		23.9		22.7	

* The class size data above is calculated using the five major subject areas and does not include special education, ELL and other special program offerings.

During the annual budget process, high school class size data is used in a planning model designed to produce equitable class sizes at the two high schools. The differential in enrollment in CP level classes is evaluated annually. Factors that are finalized during the late spring and summer, after the completion of the budgeting cycle, ultimately result in the actual class size statistics at the high schools. These factors include: class enrollment decisions of students, staffing decisions including the distribution of faculty based on enrollment, shifts in actual enrollment versus projections, and the rate of enrollment by department.

This year, similar to the prior five years, the lowest average class sizes at North are in the World Languages Department, with an average class size of 19.7 students, followed by the English Department, with 20.4 students. At South, the lowest average class size is also in World Languages with 21.1 students, followed by English with 21.7 students. At North, the highest average class size is in Mathematics, with 23.6 students. At South, History and Social Science and Mathematics have the highest average class sizes of the major academic disciplines at 22.6 students each.

Table 26 details the average class sizes by curriculum level for each of the five major academic areas. It includes the overall average class size for each curriculum level for all five major academic areas combined, as well as overall average class sizes for each academic department and for the school. Table 27 provides a detailed view of class enrollment that totals the five academic areas by curriculum designation, including special education classes, for each high school for the current school year and for last year. Please note that Curriculum I and Curriculum II levels were renamed Advanced College Prep (ACP) and College Prep (CP) in 2014-15.

Table 28 shows total student enrollment by curriculum level for each of the five major academic areas, as well as the school overall.

Table 29 displays a detailed distribution of sections of courses within the five major academic areas with 25 or more students. The number of large classes at the high schools overall has increased this year to 28% from 23% last year.

Tables 30 and 31 detail the individual course enrollments by department (Table 30 for North and Table 31 for South). These tables include a complete catalogue of high school course offerings. The tables provide the following information for each course:

1. Curriculum level for each course
2. Total course enrollment
3. Number of sections for each course
4. Average class size for each course
5. Distribution of class sizes for each course

Tables 32 and 33 display total enrollment by department and include the enrollment rate for courses in each department, including certain courses that are not included in the calculation of average class size for each department (these are courses marked with a ~ in Table 30 or 31). Tables 32 and 33 include enrollment in ELL, special education, and special

program courses offered in each department to provide an accurate enrollment rate in each department (these courses are not included in average class size calculations due to their small class sizes specific to the services that they provide). The enrollment rate for each department measures the number of students enrolled in departmental courses compared to the total enrollment of the school, providing an indication of the frequency with which students enroll in courses in each department. For example, an enrollment rate of 1.00 in a department indicates that on average, every student in the school is enrolled in a course in that department (please note that this is an average, as the enrollment in each department is a total count of all enrollments, and may include students who are taking more than one course in that department).

Tables 34 and 35 display projected future class sizes for the five major academic areas by curriculum level for each high school (Table 34 for North and Table 35 for South). The projected average class sizes in these tables use the projected enrollments for each school from January 2023. They also assume that enrollment patterns by department and curriculum level will remain the same in future years (meaning that the same percentage of students will enroll in courses by department and curriculum level in future years as 2022-23 percentages) and that the number of sections offered in future years will remain the same as 2022-23. The tables also include a column calculating the change in the number of sections required for each department and curriculum level to maintain the current average class size. These tables are intended for planning purposes only and do not represent staffing patterns for each school.

Tables 36 and 37 provide an analysis of the number of classrooms utilized in each school. Some classrooms in each school are not suitable for general scheduling use due to the configuration, size, or restrictions on the room (these rooms are classified as Specialized Classrooms in Tables 36 and 37). The total possible blocks that each room is available is calculated by multiplying the number of rooms by 7 blocks, based on the current schedule. These tables also provide an analysis of classroom used for WIN blocks and of common spaces at each high school.

TABLE 26
October 15, 2022
Newton North High School

Average Class Size						
	Department					
Curriculum	English	World Languages	Science	History & Social Science	Mathematics	Total
H	21.8	19.7	24.1	25.6	27.3	24.1
ACP	20.6	19.6	24.5	25.8	22.9	22.7
CP	13.3	N/A	14.0	12.1	16.0	13.0
H/ACP/CP	22.1	N/A	N/A	N/A	N/A	22.1
H/ACP	22.0	18.5	16.5	24.6	25.8	23.7
ACP/CP	15.0	19.8	19.1	16.7	17.5	18.6
Total	20.4	19.7	22.4	23.5	23.6	21.9

Newton South High School

Average Class Size						
	Department					
Curriculum	English	World Languages	Science	History & Social Science	Mathematics	Total
H	23.4	24.1	23.6	24.6	27.1	24.6
ACP	21.5	20.5	21.4	22.2	23.0	21.5
CP	9.8	N/A	11.6	12.0	12.3	11.6
H/ACP/CP	22.5	N/A	N/A	22.5	19.0	22.4
H/ACP	23.0	19.2	23.5	24.6	25.2	23.7
ACP/CP	22.5	19.0	21.7	22.6	20.2	21.7
Total	21.7	21.1	22.0	22.6	22.6	22.0

* The class size data above does not include special education, ELL and other special program offerings.

**TABLE 27
TOTAL FOR 5 ACADEMIC AREAS
October 15, 2022**

Newton North High School

Curriculum	Total Enroll.	N Sections	Avg. Class Size	Number of Classes									
				Below 11		11 to 19		20 to 24		25 to 30		Above 30	
				N	%	N	%	N	%	N	%	N	%
H	2,479	103	24.1	0	0%	15	15%	41	40%	47	46%	0	0%
ACP	2,476	109	22.7	0	0%	16	15%	61	56%	32	29%	0	0%
CP	259	20	13.0	3	15%	17	85%	0	0%	0	0%	0	0%
H/ACP/CP	199	9	22.1	0	0%	0	0%	9	100%	0	0%	0	0%
H/ACP	2,514	106	23.7	0	0%	9	8%	50	47%	47	44%	0	0%
ACP/CP	1,726	93	18.6	1	1%	60	65%	26	28%	6	6%	0	0%
Special Ed., etc.*	884	132	6.7	100	76%	14	11%	13	10%	5	4%	0	0%
Total	10,537	572	18.4	104	18%	131	23%	200	35%	137	24%	0	0%

*Includes special education, special program, ELL, MCAS, classroom aides, work study, and independent study courses

Newton South High School

Curriculum	Total Enroll.	N Sections	Avg. Class Size	Number of Classes									
				Below 11		11 to 19		20 to 24		25 to 30		Above 30	
				N	%	N	%	N	%	N	%	N	%
H	1,940	79	24.6	0	0%	5	6%	29	37%	44	56%	1	1%
ACP	2,711	126	21.5	0	0%	30	24%	79	63%	17	13%	0	0%
CP	266	23	11.6	8	35%	15	65%	0	0%	0	0%	0	0%
H/ACP/CP	739	33	22.4	0	0%	2	6%	28	85%	3	9%	0	0%
H/ACP	1,635	69	23.7	0	0%	5	7%	36	52%	28	41%	0	0%
ACP/CP	1,432	66	21.7	0	0%	13	20%	46	70%	7	11%	0	0%
Special Ed., etc.*	620	100	6.2	76	76%	15	15%	8	8%	1	1%	0	0%
Total	9,343	496	18.8	84	17%	85	17%	226	46%	100	20%	1	0%

*Includes special education, special program, ELL, MCAS, classroom aides, work study, and independent study courses

October 15, 2021

Newton North High School

Curriculum	Total Enroll.	N Sections	Avg. Class Size	Number of Classes									
				Below 11		11 to 19		20 to 24		25 to 30		Above 30	
				N	%	N	%	N	%	N	%	N	%
H	2,386	98	24.3	2	2%	12	12%	29	30%	55	56%	0	0%
ACP	2,732	122	22.4	0	0%	20	16%	71	58%	31	25%	0	0%
CP	239	19	12.6	4	21%	12	63%	3	16%	0	0%	0	0%
H/ACP/CP	173	9	19.2	0	0%	6	67%	3	33%	0	0%	0	0%
H/ACP	2,443	111	22.0	1	1%	22	20%	67	60%	21	19%	0	0%
ACP/CP	1,793	94	19.1	0	0%	55	59%	32	34%	7	7%	0	0%
Special Ed., etc.*	734	107	6.9	82	77%	11	10%	10	9%	4	4%	0	0%
Total	10,500	560	18.8	89	16%	138	25%	215	38%	118	21%	0	0%

*Includes special education, special program, ELL, MCAS, classroom aides, work study, and independent study courses

TABLE 28
TOTAL STUDENT ENROLLMENT FOR 5 ACADEMIC AREAS BY CURRICULUM LEVEL
October 15, 2022

Newton North High School

Subject	Total Enrollment	% of Total
English	1,942	100%
H	815	42%
ACP	977	50%
CP	150	8%
World Languages	1,575	100%
H	399	25%
ACP	1,133	72%
CP	43	3%
Science	2,020	100%
H	848	42%
ACP	1,048	52%
CP	124	6%
History & Social Science	1,901	100%
H	778	41%
ACP	994	52%
CP	129	7%
Mathematics	2,215	100%
H	1,325	60%
ACP	777	35%
CP	113	5%
Total	9,653	100%
H	4,165	43%
ACP	4,929	51%
CP	559	6%

Newton South High School

Subject	Total Enrollment	% of Total
English	1,736	100%
H	556	32%
ACP	1,063	61%
CP	117	7%
World Languages	1,411	100%
H	362	26%
ACP	1,040	74%
CP	9	1%
Science	1,960	100%
H	844	43%
ACP	967	49%
CP	149	8%
History & Social Science	1,766	100%
H	715	40%
ACP	915	52%
CP	136	8%
Mathematics	1,850	100%
H	642	35%
ACP	1,066	58%
CP	142	8%
Total	8,723	100%
H	3,119	36%
ACP	5,051	58%
CP	553	6%

TABLE 29
HIGH SCHOOL CLASSES WITH 25 OR MORE STUDENTS
October 15, 2022

Newton North High School

Size of Class	English		World Languages		Science		History & Social Science		Mathematics		Total	
	21-22	22-23	21-22	22-23	21-22	22-23	21-22	22-23	21-22	22-23	21-22	22-23
25	1	3	2	4	3	14	8	9	12	7	26	37
26	1	1	5	4	7	3	9	8	9	12	31	28
27		1	0		8	1	5	5	8	9	21	16
28			2		11	7	3	12	8	12	24	31
29			1				3	5	3	6	7	11
30							6	3	3	6	9	9
31											0	0
32											0	0
Above 32											0	0
Total	2	5	10	8	29	25	34	42	43	52	118	132

Newton South High School

Size of Class	English		World Languages		Science		History & Social Science		Mathematics		Total	
	21-22	22-23	21-22	22-23	21-22	22-23	21-22	22-23	21-22	22-23	21-22	22-23
25	5	6	5	6	7	16	6	7	12	3	35	38
26		1	2	5	4	6	7	5	6	13	19	30
27			2	1	2	1	2	1	4	16	10	19
28			1	1	1		6	2	1	1	9	4
29			4					2	2	4	6	6
30								2	3		3	2
31									1		1	0
32									1		1	0
Above 32				1	1						1	1
Total	5	7	14	14	15	23	21	19	30	37	85	100

TABLE 30

North High School Course Enrollment
2022-23
(Enrollment as of October 15, 2022)

Course	Cur.	Total Enroll.	N Sec- tions	Avg. Class Size	Number of Classes									
					Below 11		11-19		20-24		25-30		Above 30	
					N	%	N	%	N	%	N	%	N	%
ENGLISH DEPARTMENT														
English 9 ACP 100	ACP	433	21	20.6			5	24%	16	76%				
English 9 CP 101	CP	53	4	13.3			4	100%						
(Voices in Lit) English 10 H 110, ACP 111	H, ACP	259	12	21.6			1	8%	10	83%	1	8%		
Action Through Literature 10 H 146, ACP 1462, CP 147	H, ACP, CP	199	9	22.1			0	0%	9	100%				
(Voices in Lit) English 10 CP 112	CP	30	2	15.0			2	100%						
AP English 11 129	H	162	7	23.1					7	100%				
American Studies (English) H 121, ACP 123	H, ACP	142	6	23.7					5	83%	1	17%		
English 11 H 120, ACP 122	H, ACP	132	6	22.0					5	83%	1	17%		
American Studies (English) ACP 123, CP 125	ACP, CP	29	2	14.5			2	100%						
English 11 CP 124	CP	23	2	11.5	1	50%	1	50%						
AP English 12 130	H	56	3	18.7			2	67%	1	33%				
Art and Technique of Film H 136, ACP 137	H, ACP	162	7	23.1			1	14%	4	57%	2	29%		
Asian American Literature H 138, ACP 139	H, ACP	24	1	24.0					1	100%				
Diverse Perspectives in Lit H 132, ACP 133	H, ACP	18	1	18.0			1	100%						
Philosophy as Literature H 131, ACP 1314	H, ACP	70	3	23.3					3	100%				
The Short Story H 134, ACP 135	H, ACP	34	2	17.0			1	50%	1	50%				
Women in Literature and Society H 140, ACP 141	H, ACP	40	2	20.0			1	50%	1	50%				
Hiphop: LitCultureMusic ACP 144, CP 145	ACP, CP	28	2	14.0	1	50%	1	50%						
Horror & SciFi Literature ACP 150, CP 151	ACP, CP	35	2	17.5			1	50%	1	50%				
Lit and Comp for College ACP 142, CP 143	ACP, CP	13	1	13.0			1	100%						
~Advanced Journalism- Newspaper & Editorial 167, 168	#	38	2	19.0			2	100%						
~Creative Writing 161	#	20	1	20.0					1	100%				
~Speech 171	#	24	1	24.0					1	100%				
~Documentary Films 172	#	13	1	13.0			1	100%						
~Journalism 1 165	#	51	3	17.0			2	67%	1	33%				
~Learning Center English 9 & 10 102^, 114^	CP	8	1	8.0	1	100%								
~Learning Center English 11 126^, 12 128^	CP	9	1	9.0	1	100%								
~ELL 1 Entering/Beginning English CP 181	ACP	8	1	8.0	1	100%								
~ELL 2 Emerging English CP 1812	CP	9	1	9.0	1	100%								
~ELL 3 Developing English ACP 182	ACP	16	1	16.0			1	100%						
~ELL 4 Expanding English ACP 183	ACP	13	1	13.0			1	100%						
~ELL 5 Bridging English ACP 184	ACP	12	1	12.0			1	100%						
~ELL English Literacy- Reading CP 179	CP	7	1	7.0	1	100%								
~ELL English Literacy- Writing CP 180	CP	7	1	7.0	1	100%								
~ELL Components of Reading 1941	#	8	1	8.0	1	100%								
~Pilot English 1 CP 116^	CP	4	1	4.0	1	100%								
~Pilot English 2 CP 117^	CP	9	1	9.0	1	100%								
~Pilot English 3 CP 118^	CP	3	1	3.0	1	100%								
~Pilot English 4 CP 119^	CP	5	1	5.0	1	100%								
~Community Living English 9 305^	#	4	1	4.0	1	100%								
~Community Living English 10 306^	#	4	1	4.0	1	100%								
~Community Living English 11/12 307^	#	6	1	6.0	1	100%								
~Independent Study ELA 1100	#	1	1	1.0	1	100%								
~Classroom Aide English 196	#	4	4	1.0	4	100%								
TOTAL ENGLISH		2,225	125	17.8	21	17%	32	26%	67	54%	5	4%	0	0%
TOTAL ENGLISH MINUS SPECIAL EDUCATION, SPECIAL PROGRAM, ELL, MCAS, CLASSROOM AIDES & INDEPENDENT STUDY COURSES		1,942	95	20.4	2	2%	24	25%	64	67%	5	5%	0	0%

#Course not counted in weighted or unweighted grade point average

~Course not counted in average class size

^ Taught by a special education teacher

TABLE 30
North High School Course Enrollment
2022-23
(Enrollment as of October 15, 2022)

Course	Cur.	Total Enroll.	N Sec- tions	Avg. Class Size	Number of Classes									
					Below 11		11-19		20-24		25-30		Above 30	
					N	%	N	%	N	%	N	%	N	%
WORLD LANGUAGE DEPARTMENT														
Novice French 1 ACP 211, CP 221	ACP, CP	20	1	20.0					1	100%				
Novice French 2 ACP 202, CP 222	ACP, CP	19	1	19.0			1	100%						
French 3 CP, Intermediate French 2 ACP 2231, 2121	ACP, CP	84	4	21.0			1	25%	3	75%				
French 3 ACP 213	ACP	16	1	16.0			1	100%						
French 3 ACP, 4 CP 2, 2131, 22421	ACP, CP	19	1	19.0			1	100%						
French 3 H 203	H	47	2	23.5					2	100%				
French 4 ACP, 5 ACP 214, 215	ACP, CP	34	2	17.0			2	100%						
French 4 H 204	H	24	1	24.0					1	100%				
AP French 205	H	17	1	17.0			1	100%						
Novice Spanish 1 ACP, CP Novice Spanish 2 CP 241, 251, 2522	ACP, CP	66	4	16.5			4	100%						
Novice Spanish 2 ACP 232, CP 252	ACP, CP	91	6	15.2			6	100%						
Intermediate Spanish 2 ACP, Spanish 3 CP 242, 253	ACP, CP	71	3	23.7					3	100%				
Intermediate Spanish 2 ACP 242	ACP	160	7	22.9					6	86%	1	14%		
Spanish 3 ACP 243, 4 CP 254	ACP, CP	152	6	25.3					1	17%	5	83%		
Spanish 3 H 246	H	66	3	22.0					3	100%				
Spanish 4 ACP 244	ACP	103	5	20.6			1	20%	4	80%				
Spanish 4 ACP, 4 CP 244, 2542	ACP, CP	24	1	24.0					1	100%				
Spanish 4 H 247	H	40	2	20.0			1	50%	1	50%				
Spanish 5 ACP 245	ACP	44	2	22.0					2	100%				
AP Spanish 5 248	H	34	2	17.0			2	100%						
Novice Italian 1 ACP 271, Novice Italian 1 CP 276	ACP, CP	20	1	20.0					1	100%				
Novice Italian 2 ACP 262, Italian 2 CP 277	ACP, CP	31	2	15.5			2	100%						
Intermediate Italian 2 ACP 272	ACP	18	1	18.0			1	100%						
Intermediate Italian 2 ACP 272, Italian 3 CP 278	ACP, CP	24	1	24.0					1	100%				
Italian 3 ACP 273	ACP	12	1	12.0			1	100%						
Italian 3 H 263	H	17	1	17.0			1	100%						
Italian 4 ACP 274, Italian 5 ACP 275	ACP	24	1	24.0					1	100%				
Italian 4 H 264	H	11	1	11.0			1	100%						
AP Italian 5 265	H	13	1	13.0			1	100%						
Latin 1 ACP 281	ACP	29	2	14.5			2	100%						
Latin 2 ACP 282	ACP	25	1	25.0							1	100%		
Latin 3 H 283, ACP 287	H, ACP	24	1	24.0					1	100%				
Advanced Latin Honors 289, Latin 4 H 288, Latin 4 ACP 284	H, ACP	13	1	13.0			1	100%						
Intermediate Chinese 2 ACP 292	ACP	51	3	17.0			2	67%	1	33%				
Chinese 3 ACP 297	ACP	13	1	13.0			1	100%						
Chinese 4 ACP 298, Chinese 5 ACP 299	ACP	14	1	14.0			1	100%						
Chinese 3 H 293	H	43	2	21.5			1	50%	1	50%				
Chinese 4 H 294	H	25	1	25.0							1	100%		
Chinese 5 H 295	H	20	1	20.0					1	100%				
AP Chinese 296	H	17	1	17.0			1	100%						
~World Languages Classroom Aide 285	#	8	8	1.0	8	100%								
TOTAL WORLD LANGUAGE		1,583	88	18.0	8	9%	37	42%	35	40%	8	9%	0	0%
WORLD LANGUAGE MINUS AIDES		1,575	80	19.7	0	0%	37	46%	35	44%	8	10%	0	0%

#Course not counted in weighted or unweighted grade point average

~Course not counted in average class size

TABLE 30
North High School Course Enrollment
2022-23
(Enrollment as of October 15, 2022)

Course	Cur.	Total Enroll.	N Sec- tions	Avg. Class Size	Number of Classes									
					Below 11		11-19		20-24		25-30		Above 30	
					N	%	N	%	N	%	N	%	N	%
SCIENCE DEPARTMENT														
Introductory Physics Lab ACP 614	ACP	411	17	24.2					13	76%	4	24%		
Introductory Physics Lab ACP 614, CP 670	ACP, CP	78	4	19.5			2	50%	2	50%				
Introductory Physics Lab CP 670	CP	28	2	14.0			2	100%						
Chemistry H 602	H	289	12	24.1					7	58%	5	42%		
Chemistry ACP 612, Chemistry CP 622	ACP, CP	205	11	18.6			8	73%	3	27%				
Biology H 601	H	292	12	24.3					7	58%	5	42%		
Biology ACP 611, Biology CP 621	ACP, CP	195	10	19.5			6	60%	4	40%				
AP Biology 605	H	67	3	22.3			1	33%	1	33%	1	33%		
AP Chemistry 606	H	74	3	24.7					1	33%	2	67%		
AP Physics 607	H	97	4	24.3					2	50%	2	50%		
Anatomy & Physiology ACP 630	ACP	56	2	28.0							2	100%		
Astronomy Lab ACP 632	ACP	26	1	26.0							1	100%		
Forensics ACP 637	ACP	80	3	26.7					1	33%	2	67%		
Marine Biology 635	ACP	45	2	22.5					2	100%				
Organic Chemistry ACP 638	ACP	25	1	25.0							1	100%		
Physics H 603, Physics ACP 613	H, ACP	33	2	16.5			2	100%						
Sustainability Envi Sci Lab ACP 634	ACP	19	1	19.0			1	100%						
~ELL Science and Engineering CP 652	CP	4	1	4.0	1	100%								
~ELL Physics Lab ACP 644, ELL Basic Intro Physics Lab CP 646	ACP, CP	13	1	13.0			1	100%						
~ELL Pre Physics ACP 648	ACP	10	1	10.0	1	100%								
~Pilot Physics CP 067°	CP	4	1	4.0	1	100%								
~Pilot Biology CP 068°	CP	8	1	8.0	1	100%								
~Community Living Physics 697^	#	4	1	4.0	1	100%								
~Introduction to Sustainability 653	#	27	2	13.5			2	100%						
~Sustainable Communities 654, Advanced Sustainable Communities ACP, 657 (Q), 658 (SM)	#	31	2	15.5			1	50%	1	50%				
~Science Classroom Aide 668	#	23	23	1.0	23	100%								
TOTAL SCIENCE		2,144	123	17.4	28	23%	26	21%	44	36%	25	20%	0	0%
TOTAL SCIENCE MINUS SPECIAL EDUCATION, SPECIAL PROGRAM ELL, MCAS, CLASSROOM AIDES & INDEPENDENT STUDY COURSES		2,020	90	22.4	0	0%	22	24%	43	48%	25	28%	0	0%

#Course not counted in weighted or unweighted grade point average

^Course not counted in average class size

° Taught by a regular education teacher

TABLE 30
North High School Course Enrollment
2022-23
(Enrollment as of October 15, 2022)

Course	Cur.	Total Enroll.	N Sec- tions	Avg. Class Size	Number of Classes									
					Below 11		11-19		20-24		25-30		Above 30	
					N	%	N	%	N	%	N	%	N	%
HISTORY & SOCIAL SCIENCE DEPARTMENT														
World History 300-1787 ACP 411	ACP	441	17	25.9					4	24%	13	76%		
World History 300-1787 CP 412	CP	47	4	11.8	2	50%	2	50%						
World History 1787-2000 H 420, ACP 421	H, ACP	458	19	24.1				12	63%	7	37%			
World History 1787-2000 CP 422	CP	37	3	12.3			3	100%						
AP U.S. History 430	H	134	5	26.8						5	100%			
American Studies (History) H 438, ACP 439	H, ACP	142	6	23.7				5	83%	1	17%			
US History ACP 431	ACP	121	5	24.2				4	80%	1	20%			
American Studies (History) ACP 439, CP 433	ACP, CP	29	2	14.5			2	100%						
US History CP 432	CP	25	2	12.5			2	100%						
AP Comparative Government 456	H	36	2	18.0			2	100%						
AP European History 440	H	14	1	14.0			1	100%						
AP Psychology 450	H	174	6	29.0							6	100%		
Modern America H 448, ACP 449	H, ACP	25	1	25.0							1	100%		
Mid East & Latin America H 442, ACP 443	H, ACP	54	2	27.0							2	100%		
Introduction to Psychology ACP 451, CP 452	ACP, CP	21	1	21.0							1	100%		
Ethics in Modern World H 454, ACP 453	H, ACP	28	1	28.0							1	100%		
Law and Society ACP 460	ACP	58	2	29.0							2	100%		
Screen Time: Rise of Digital Media H, ACP 464, 465	H, ACP	57	2	28.5							2	100%		
~Close-up: Government 470	#	48	2	24.0				1	50%	1	50%			
~ELL History for Beginning English Learners CP 417	CP	8	1	8.0	1	100%								
~ELL World History ACP 426, CP 426 ^o	ACP, CP	8	1	8.0	1	100%								
~ELL U.S. History ACP 436 ^o	ACP	21	1	21.0				1	100%					
~World History 300-1787 CP 415, World History 1787-2000 CP 425 [^]	CP	9	1	9.0	1	100%								
~US History CP 435	CP	2	1	2.0	1	100%								
~Pilot World History 1 CP 057 [^]	CP	4	1	4.0	1	100%								
~Pilot Modern World 2 CP 058 [^]	CP	8	1	8.0	1	100%								
~Pilot US History CP 059 [^]	CP	7	1	7.0	1	100%								
~Classroom Aide History 480	#	1	1	1.0	1	100%								
~Community Living History 8593 [^]	#	7	1	7.0	1	100%								
~Independent Study History 481	#	1	1	1.0	1	100%								
TOTAL HISTORY & SOCIAL SCIENCE		2,025	94	21.5	12	13%	12	13%	27	29%	43	46%	0	0%
TOTAL HISTORY & SS MINUS SPECIAL EDUCATION, SPECIAL PROGRAM, ELL, MCAS, CLASSROOM AIDES & INDEPENDENT STUDY COURSES		1,901	81	23.5	2	2%	12	15%	25	31%	42	52%	0	0%

#Course not counted in weighted or unweighted grade point average

~Course not counted in average class size

[^] Taught by a special education teacher

^o Taught by a regular education teacher

TABLE 30
North High School Course Enrollment
2022-23
(Enrollment as of October 15, 2022)

Course	Cur.	Total Enroll.	N Sec- tions	Avg. Class Size	Number of Classes									
					Below 11		11-19		20-24		25-30		Above 30	
					N	%	N	%	N	%	N	%	N	%
MATHEMATICS DEPARTMENT														
Math 1 H 501, Math 1 Acc 511	H, ACP	333	13	25.6					2	15%	11	85%		
Math 1 ACP 516, Math 1 CP 541	ACP, CP	174	10	17.4			10	100%						
Math 9 CP 548	CP	16	1	16.0			1	100%						
Math 2 H, ACP Acc 502, 512	H, ACP	393	15	26.2							15	100%		
Math 2 ACP 517, Math 2 CP 542	ACP, CP	121	6	20.2			1	17%	5	83%				
Math 3 H 503	H	251	10	25.1					6	60%	4	40%		
Math 3 ACP Acc 513	ACP	137	6	22.8					4	67%	2	33%		
Math 3 ACP 518, Math 3 CP 543	ACP, CP	99	6	16.5			6	100%						
AP Calculus 4 BC 504	H	111	4	27.8							4	100%		
AP Statistics 505	H	177	6	29.5							6	100%		
AP Calculus 4 AB 508	H	171	6	28.5							6	100%		
Introduction to Calculus ACP Acc 514	ACP	115	5	23.0					3	60%	2	40%		
Trigonometry & Statistics ACP 519, CP 5192	ACP, CP	44	3	14.7			3	100%						
Data Science H 561, ACP 562	H, ACP	73	3	24.3			1	33%			2	67%		
~Intro to Computer Science ACP 549	ACP	101	4	25.3					1	25%	3	75%		
~Intro to Computer Programming H 551, ACP 552	H, ACP	95	4	23.8					4	100%				
~Computer Science Principles H 553	H	71	3	23.7					2	67%	1	33%		
~ELL Math CP 540 °	CP	6	1	6.0	1	100%								
~ELL Algebra CP 5402 °	CP	11	1	11.0			1	100%						
~Pilot Math 1 CP 063^	CP	4	1	4.0	1	100%								
~Pilot Math 2 CP 064^	CP	9	1	9.0	1	100%								
~Pilot Math 3 CP 065^	CP	3	1	3.0	1	100%								
~Community Living Math 9 308^	#	5	1	5.0	1	100%								
~Community Living Math 10 309^		4	1	4.0	1	100%								
~Community Living Math 11/12 310^	#	7	1	7.0			1	100%						
~Math Classroom Aide 580	#	29	29	1.0	29	100%								
TOTAL MATHEMATICS		2,560	142	18.0	35	25%	24	17%	27	19%	56	39%	0	0%
TOTAL MATHEMATICS MINUS SPECIAL EDUCATION, SPECIAL PROGRAM, ELL, MCAS, CLASSROOM AIDES & INDEPENDENT STUDY COURSES		2,215	94	23.6	0	0%	22	23%	20	21%	52	55%	0	0%

#Course not counted in weighted or unweighted grade point average

~Course not counted in average class size

* Co-taught with special education teacher

^ Taught by a special education teacher

° Taught by a regular education teacher

TABLE 30
North High School Course Enrollment
2022-23
(Enrollment as of October 15, 2022)

Course	Cur.	Total Enroll.	N Sec- tions	Avg. Class Size	Number of Classes									
					Below 11		11-19		20-24		25-30		Above 30	
					N	%	N	%	N	%	N	%	N	%
ART DEPARTMENT														
Art Minor 1 701	#	87	4	21.8					4	100%				
Art Minor 2 702, 3 703, 4 704	#	17	1	17.0			1	100%						
Ceramics Minor 1 705	#	143	7	20.4					7	100%				
Ceramics Minor 2 706, Ceramics Minor 3 707, Ceramics Minor 4 729	#	46	3	15.3			3	100%						
Art Major 1 ACP 708	ACP	43	2	21.5					2	100%				
Art Major 2 ACP 709	ACP	16	1	16.0			1	100%						
Art Major 3 ACP 710	ACP	21	1	21.0					1	100%				
Art Major 4 H 711	H	11	1	11.0			1	100%						
Ceramics Major 2 H 732, 3 H 7072, Major ACP 730	H, ACP	40	2	20.0					2	100%				
Photo Minor 1 715	#	144	8	18.0			4	50%	4	50%				
Photo Minor 2 716, 3 717	#	31	2	15.5			2	100%						
Photo Major 1 ACP 718, Photo Major 2 H 719, Photo Major 3 H 720	H, ACP	37	2	18.5			2	100%						
History of Art AP 713, ACP 712	H, ACP	19	1	19.0					1	100%				
Sculpture 731	#	20	1	20.0					1	100%				
Animation 7012	#	63	4	15.8			4	100%						
~Classroom Aide Art 721	#	6	6	1.0	6	100%								
TOTAL ART DEPARTMENT		744	46	16.2	6	13%	18	39%	22	48%	0	0%	0	0%
TOTAL ART MINUS SPECIAL EDUCATION, SPECIAL PROGRAM, ELL, MCAS, CLASSROOM AIDES & INDEPENDENT STUDY COURSES		738	40	18.5	0	0%	18	45%	22	55%	0	0%	0	0%
MUSIC DEPARTMENT														
Tiger BeBop ACP 803	ACP	17	1	17.0			1	100%						
Jubilee Singers ACP 804	ACP	18	1	18.0			1	100%						
Symphony Orchestra Strings ACP 805	ACP	20	1	20.0					1	100%				
Symphonic Band ACP 808	ACP	25	1	25.0							1	100%		
Honors Wind Ensemble 809	H	20	1	20.0					1	100%				
Jazz Ensemble H 811	H	13	1	13.0			1	100%						
Music Theory ACP 812	ACP	23	2	11.5			2	100%						
Music Technology 814	#	18	2	9.0	1	50%	1	50%						
Music of the Beatles 819	#	9	1	9.0	1	100%								
History of Rock Music 816	#	13	1	13.0			1	100%						
Advanced Jazz Improvisation ACP 832	ACP	11	1	11.0			1	100%						
AP Music Theory 813	H	13	1	13.0			1	100%						
Family Singers H, Semester H, Concert Choir ACP 802, 8021, 800	H, ACP	17	1	17.0			1	100%						
Vocal Ensemble ACP 801	ACP	8	1	8.0	1	100%								
Jazz Workshop 833	#	19	1	19.0			1	100%						
Film Scoring ACP 815	ACP	4	1	4.0			1	100%						
Rock Workshop ACP 831	ACP	27	2	13.5			2	100%						
~Classroom Aide Music 8381	#	2	2	1.0	2	100%								
TOTAL MUSIC DEPARTMENT		277	22	12.6	5	23%	14	64%	2	9%	1	5%	0	0%
TOTAL MUSIC MINUS SPECIAL EDUCATION, SPECIAL PROGRAM, ELL, MCAS, CLASSROOM AIDES & INDEPENDENT STUDY COURSES		275	20	13.8	3	15%	14	70%	2	10%	1	5%	0	0%
THEATRE DEPARTMENT														
Acting 1 ACP 8201	ACP	35	2	17.5			2	100%						
Acting 2 ACP, Acting 3 H 8202, 8203	H, ACP	14	1	14.0	1	100%								
Intro to Tech Theater 1 822 (Qtr)	#	23	2	11.5			2	100%						
Tech Theatre Production Design I, II, III, IV 823, 8231, 8231, 8233 (FY)	#	41	1	41.0									1	100%
Intro to Costume, Hair, Makeup Design 1 836	#	22	2	11.0	1	50%	1	50%						
Intro to Costume, Hair, Makeup Design 2 837	#	3	2	1.5	2	100%								
Advanced Theatrical Directing 826	#	10	1	10.0	1	100%								
TOTAL THEATRE DEPARTMENT		148	11	13.5	5	45%	5	45%	0	0%	0	0%	1	9%

#Course not counted in weighted or unweighted grade point average

~Course not counted in average class size

TABLE 30
North High School Course Enrollment
2022-23
(Enrollment as of October 15, 2022)

Course	Cur.	Total Enroll.	N Sec- tions	Avg. Class Size	Number of Classes										
					Below 11		11-19		20-24		25-30		Above 30		
					N	%	N	%	N	%	N	%	N	%	
CAREER & TECHNICAL EDUCATION DEPARTMENT															
Automotive Technology Exploratory 880, 8801	#	63	5	12.6	1	20%	4	80%							
Automotive Technology Major 1 ACP 882, 2 ACP 883, 2 H 88343, 3 H 8843	H, ACP	26	5	5.2	4	80%	1	20%							
Carpentry Technology Exploratory 887	#	56	4	14.0			4	100%							
Carpentry Technology Major 1 ACP 889, 2 ACP 890, 2.4 ACP 8901, 3.8 ACP 8911, 3 H 89141	H, ACP	30	6	5.0	5	83%	1	17%							
Child Development Exploratory 894	#	59	4	14.8			4	100%							
Early Education & Care Major 1 ACP 895, 2 896, 2 H 8964, 3 897, 3 H 8974	H, ACP	29	5	5.8	4	80%	1	20%							
Culinary Arts Exploratory 902	#	128	8	16.0			8	100%							
Culinary Arts Major 1 ACP 905, 2 ACP 906, 2 H 9064, 3 ACP 9071, 3.6 ACP 90742, 3 H 9074	H, ACP	58	8	7.3	5	63%	3	38%							
Drafting Exploratory 911, 9111	#	62	4	15.5			4	100%							
Drafting Major 1 ACP 915, 1 ACP 919, 1 ACP 9192, 2 H 9164, 3 H 9174	H, ACP	38	5	7.6	3	60%	2	40%							
Graphics Communication Exploratory 932	#	94	4	23.5					4	100%					
Graphics Communication Major 1 ACP 934, 2 ACP 93421, 2 ACP 935, 2 H 9354, 3 9361, 3 H 9364	ACP, H, #	66	8	8.3	6	75%	1	13%	1	13%					
Design and Communication Major 1 979, 2 H 9814, 3 ACP 9832	H	16	3	5.3	2	67%	1	33%							
Television Production Exploratory 173, 1731	#	63	4	15.8			4	100%							
TV & Video Production Major 1 175, 2 ACP 176, 2 H 1764, 3 H 1784	H, ACP, #	38	5	7.6	4	80%	1	20%							
~Independent Study in CTE	#	7	7	1.0	7	100%									
~Classroom Aide CTE	#	1	1	1.0	1	100%									
TOTAL CAREER & TECHNICAL EDUCATION		834	86	9.7	42	49%	39	45%	5	6%	0	0%	0	0%	
BUSINESS DEPARTMENT															
Accounting 1 ACP 855	ACP	59	4	14.8	2	50%			2	50%					
Accounting 2 H 85621, Accounting 2 ACP 856	ACP, H	12	1	12.0			1	100%							
Entrepreneurship 860	#	95	4	23.8					4	100%					
Financial Planning and Banking 861	#	91	4	22.8					4	100%					
Marketing and Management 863	#	59	3	19.7					3	100%					
Marketing Field Study H 864	H	15	1	15.0			1	100%							
Money Matters: Intro to Personal Finance 867	#	176	10	17.6	2	20%	1	10%	7	70%					
~Independent Study Business	#	1	1	1.0	1	100%									
~Independent Study AP Macroeconomics	H	1	1	1.0	1	100%									
TOTAL BUSINESS		509	29	17.6	6	21%	3	10%	20	69%	0	0%	0	0%	

**Includes students cross-registered from Newton South High School

#Course not counted in weighted or unweighted grade point average

~Course not counted in average class size

TABLE 30
North High School Course Enrollment
2022-23
(Enrollment as of October 15, 2022)

Course	Cur.	Total Enroll.	N Sec- tions	Avg. Class Size	Number of Classes										
					Below 11		11-19		20-24		25-30		Above 30		
					N	%	N	%	N	%	N	%	N	%	
TECHNOLOGY & ENGINEERING DEPARTMENT															
Engineering Design 656	#	45	3	15.0			3	100%							
Exploring Technology DAC 963	#	15	1	15.0			1	100%							
Exploring Technology PET 964	#	11	1	11.0			1	100%							
Engineering Technology: DCM 9541	#	14	1	14.0			1	100%							
Electrical Engineering ACP 959	ACP	54	3	18.0			3	100%							
Mechanical & Structural Engineering ACP 960	ACP	46	3	15.3			3	100%							
Introductory Robotics 965	#	138	8	17.3			8	100%							
Intermediate Robotics 967	#	47	5	9.4	3	60%	2	40%							
Engineering 3 H 961, Robotics 3 H 968	H, ACP	6	1	6.0	1	100%									
Computer Repair ACP 972, Computer Repair H 973	H, ACP	17	1	17.0			1	100%							
~Engineering Research Project 1-2 M1 969	#	1	1	1.0	1	100%									
~Engineering Research Project 3-4 M2 971	#	1	1	1.0	1	100%									
TOTAL TECHNOLOGY & ENGINEERING		395	29	13.6	6	21%	23	79%	0	0%	0	0%	0	0%	0
PHYSICAL EDUCATION/WELLNESS DEPARTMENT															
Freshman Core PE 001	#	502	20	25.1			2	10%	6	30%	12	60%			
Sexuality & Health 002	#	505	26	19.4			12	46%	13	50%	1	4%			
AM Lifeguard Training 017, 018	#	58	3	19.3	1	33%			2	67%					
Career Wellness 033	#	217	10	21.7			3	30%	7	70%					
Fitness Indoor 003	#	282	11	25.6					1	9%	10	91%			
Fitness Outdoor 004	#	109	4	27.3							4	100%			
Lifetime Activities Indoor 030	#	36	2	18.0			2	100%							
Lifetime Activities Outdoor 031	#	92	4	23.0			1	25%	2	50%	1	25%			
Stress Management 005	#	293	12	24.4			2	17%	5	42%	3	25%	2	17%	
Teaming Through Sports Indoor 022	#	103	4	25.8			1	25%	3	75%					
Teaming Through Sports Outdoor 023	#	71	3	23.7			1	33%			1	33%	1	33%	
Unified Fitness 024	#	14	1	14.0			1	100%							
Unified Teaming Through Sports 025	#	28	2	14.0			2	100%							
Dance in Action 026	#	44	2	22.0			1	50%			1	50%			
Methods and Issues in Coaching 023	#	22	1	22.0					1	100%					
Water Games and CPR/AED/First Aid 016	#	8	1	8.0	1	100%									
Aquatic Instruction 015	#	29	2	14.5			2	100%							
Personal and Group Awareness 006	#	71	3	23.7					2	67%	1	33%			
Health Trends 009	#	64	4	16.0			3	75%			1	25%			
ELL Physical Education 419	#	13	2	6.5	2	100%									
~Adaptive Physical Education 029^	#	23	4	5.8	4	100%									
~Pilot Fitness 073	#	27	2	13.5			2	100%							
TOTAL PHYSICAL EDUCATION/WELLNESS		2,611	123	21.2	8	7%	34	28%	40	33%	38	31%	3	2%	
PHYS ED MINUS SPECIAL EDUCATION AND SPECIAL PROGRAMS		2,561	117	21.9	4	3%	32	27%	40	34%	38	32%	3	3%	

^Taught by a special education teacher
#Course not counted in weighted or unweighted grade point average
~Course not counted in average class size

TABLE 30
North High School Course Enrollment
2022-23
(Enrollment as of October 15, 2022)

Course	Cur.	Total Enroll.	N Sections	Avg. Class Size	Number of Classes									
					Below 11		11-19		20-24		25-30		Above 30	
					N	%	N	%	N	%	N	%	N	%
SPECIAL EDUCATION*														
Reading Seminar 106, 107, 108 (1 & 2 Blocks combined)	#	35	14	2.5	14	100%								
Academic Study (2 Blocks & 3 Blocks combined) 311, 312, 313	#	259	35	7.4	29	83%	6	17%						
Academic Study Compass (2 Blocks & 3 Blocks combined)	#	32	9	3.6	9	100%								
Academic Study STEP 3193	#	12	4	3.0	4	100%								
Academic Support LLD (3X)	#	5	2	2.5	2	100%								
Communication Seminar 331, 332	#	84	42	2.0	42	100%								
Social Seminar 324	#	37	10	3.7	10	100%								
Support and Strategies 322, 323, 324, 325, 326 (SM)	#	188	50	3.8	50	100%								
Support and Strategies 3202 (Qtr)	#	23	23	1.0	23	100%								
Career Strategies 304	#	9	1	9.0	1	100%								
Mobility Strategies 327	#	1	1	1.0	1	100%								
Music & Communication 319	#	17	3	5.7	3	100%								
Occupational Strategies 328	#	1	1	1.0	1	100%								
Visual Strategies 330	#	1	1	1.0	1	100%								
English 9 CP 302	CP	2	1	2.0	1	100%								
Community Living English 9 305	#	4	1	4.0	1	100%								
Community Living English 10 306	#	4	1	4.0	1	100%								
Community Living English 11/12 307	#	6	1	6.0	1	100%								
Community Living Math 9 308	#	5	1	5.0	1	100%								
Community Living Math 10 309	#	4	1	4.0	1	100%								
Community Living Math 11/12 310	#	7	1	7.0	1	100%								
Community Living Physics 697	#	4	1	4.0	1	100%								
Community Living History 8593	#	7	1	7.0	1	100%								
TOTAL SPECIAL EDUCATION		747	205	3.6	199	97%	6	3%	0	0%	0	0%	0	0%
PILOT PROGRAM*														
Pilot World History 1 CP 057	CP	4	1	4.0	1	100%								
Pilot Modern World History 2 CP 058	CP	8	1	8.0	1	100%								
Pilot US History CP 059	CP	7	1	7.0	1	100%								
Pilot Math 1 CP 631	CP	4	1	4.0	1	100%								
Pilot Math 2 CP 064	CP	9	1	9.0	1	100%								
Pilot Math 3 CP 065	CP	3	1	3.0	1	100%								
Pilot Business Math 854	CP	5	1	5.0	1	100%								
Pilot English 1 CP 116	CP	4	1	4.0	1	100%								
Pilot English 2 CP 117	CP	9	1	9.0	1	100%								
Pilot English 3 CP 118	CP	3	1	3.0	1	100%								
Pilot English 4 CP 119	CP	5	1	5.0	1	100%								
Pilot Physics CP 067	CP	4	1	4.0	1	100%								
Pilot Biology CP 068	CP	8	1	8.0	1	100%								
Pilot Art 076	#	16	4	4.0	4	100%								
Pilot Fitness 073	#	27	2	13.5			2	100%						
Pilot Community Meeting 061	#	16	1	16.0			1	100%						
Pilot Group Meeting 053	#	17	1	17.0			1	100%						
Pilot Individual Meeting 077	#	16	1	16.0			1	100%						
Pilot Academic Study 060	#	55	3	18.3			3	100%						
TOTAL PILOT		220	25	8.8	17	68%	8	32%	0	0%	0	0%	0	0%
Compass PROGRAM*														
Compass Academic Strategies 339	#	30	7	4.3	7	100%								
TOTAL COMPASS		30	7	4.3	7	100%	0	0%	0	0%	0	0%	0	0%
TOTAL SPECIAL EDUCATION		997	237	4.2	223	94%	14	6%	0	0%	0	0%	0	0%
*No special education courses are included in the average class size														
OTHER OFFERINGS														
Guidance Aide 344	#	62	1	62.0									1	100%
Stress Management Workshop 342	#	3	6	0.5	6	100%								
Peer Tutoring 3341	#	54	5	10.8	3	60%				2	40%			
One to One Mentoring 478	#	32	3	10.7	1	33%	2	67%						
Leadership in a Diverse Society 401	#	49	1	49.0									1	100%
Classroom Aide ELL	#	4	4	1.0	4	100%								
Classroom Aide Civic 840	#	8	1	8.0	1	100%								
TOTAL OTHER OFFERINGS		212	21	10.1	15	71%	2	10%	0	0%	2	10%	2	10%

TABLE 31
South High School Course Enrollment
2022-23
(Enrollment as of October 15, 2022)

Course	Cur.	Total Enroll.	N Sections	Avg. Class Size	Number of Classes									
					Below 11		11-19		20-24		25-30		Above 30	
					N	%	N	%	N	%	N	%	N	%
ENGLISH DEPARTMENT														
Ninth Grade English ACP 211S, 2111S	ACP	366	17	21.5			4	24%	13	76%				
Ninth Grade English CP 212S	CP	20	2	10.0	1	50%	1	50%						
Ninth Grade English CP 2126S*	CP	7	1	7.0	1	100%								
Literature & World History ACP 213S, 2131S	ACP	43	2	21.5					2	100%				
Sophomore English H 220S	H	76	3	25.3							3	100%		
Sophomore English ACP 221S, CP 2212S	ACP, CP	157	7	22.4			1	14%	6	86%				
Sophomore English CP 222S, 2226S*	CP	14	1	14.0			1	100%						
Global Justice: World Literature 10 H 2240S, ACP 2241S, CP 2242S	H, ACP, CP	82	4	20.5			1	25%	3	75%				
New Media Communications: English 10 H 2250S, ACP 2251S, CP 2252S	H, ACP, CP	94	4	23.5					4	100%				
Junior English H 230S	H	115	5	23.0					5	100%				
Junior English ACP 231S, CP 2312S	ACP, CP	137	6	22.8					5	83%	1	17%		
Junior English CP 232S, 2326S*	CP	8	1	8.0	1	100%								
Global Justice: American Lit H 2340S, ACP 2341S, CP 2342S	H, ACP, CP	87	4	21.8					4	100%				
New Media Communications: English 11 H 2350S, ACP 2351S, CP 2352S	H, ACP, CP	49	2	24.5					1	50%	1	50%		
Contemporary Literature ACP 241S, CP 2412S	ACP, CP	23	1	23.0					1	100%				
Contemporary Literature ACP 241S, CP 2412S, 2426S**	ACP, CP	21	1	21.0					1	100%				
Shakespeare H 2430S, ACP 243S	H, ACP	19	1	19.0			1	100%						
Global Justice: English 12 H 2440S, ACP 244S, CP 2442S	H, ACP, CP	23	1	23.0					1	100%				
Horror & Science Fiction H 2450S, ACP 245S	H, ACP	47	2	23.5					2	100%				
Women in Literature H 2460S, ACP 246S	H, ACP	48	2	24.0					2	100%				
AP Eng Literature & Comp 250S	H	43	2	21.5					2	100%				
African American Lit H 2520S, ACP 252S, CP 2522S	H, ACP, CP	25	1	25.0							1	100%		
Asian American Literature H 2530S, ACP 253S	H, ACP	46	2	23.0					1	50%	1	50%		
Jewish and Jewish-American Lit H 2540S, ACP 254S	H, ACP	20	1	20.0					1	100%				
Film Studies H 2550S, ACP 255S	H, ACP	119	5	23.8					5	100%				
AP Eng Lang & Comp 260S	H	47	2	23.5					2	100%				
~Southside Ninth Grade English CP 1212S, Sophomore English CP 1222S^	CP	9	1	9.0	1	100%								
~Southside Junior English ACP 1231S, CP 1232S, Senior English ACP 1241S, CP 1242S^	ACP, CP	11	1	11.0	1	100%								
~ELL English 1-2 ACP 151S	ACP	2	1	2.0	1	100%								
~ELL English 3 ACP 153S	ACP	7	1	7.0	1	100%								
~ELL English 4 ACP 154S	ACP	11	1	11.0	1	100%								
~ELL English 5 ACP 155S	ACP	16	1	16.0			1	100%						
~Ninth Grade English CP 218LS^	CP	5	1	5.0	1	100%								
~Sophomore English CP 228LS^	CP	8	1	8.0	1	100%								
~CORE Sophomore English ACP 221S, CP 2212S**	ACP, CP	7	1	7.0	1	100%								
~CORE Junior English ACP 2391S, CP 2392S**	ACP, CP	18	1	18.0			1	100%						
~Junior English Edgenuity 2312eS	CP	1	1	1.0	1	100%								
~Intro Publications ACP 261F/SS, Publications in Practice ACP 264F/SS	ACP	27	2	13.5			2	100%						
~Creative Writing Workshop ACP 264F/SS, 264QS, Creative Writing II ACP 265F/SS, 265QS	#	25	2	12.5			2	100%						
~Peer Tutor Writing Center 296S	#	2	2	1.0	2	100%								
~Teach Assist English 298S, 298F/SS, 298QS	#	6	6	1.0	6	100%								
~Ind Study English 299S	#	2	2	1.0	2	100%								
~Connections/STRIDE English 982S^	#	8	2	4.0	2	100%								
~Direct Instruction English 982DS^	#	3	2	1.5	2	100%								
TOTAL ENGLISH		1,904	109	17.5	26	24%	15	14%	61	56%	7	6%		
ENGLISH WITHOUT ELL, CORE PROGRAM, SPECIAL EDUCATION, TUTORS, ASSISTANTS, OR IND STUDY					3	4%	9	11%	61	76%	7	9%		
		1,736	80	21.7							0	0%		

*Co-taught with a special education teacher
**Supported by a special education aide
^Taught by a special education teacher
#Course not counted in weighted grade point average
~Course not counted in average class size

TABLE 31
South High School Course Enrollment
2022-23
(Enrollment as of October 15, 2022)

Course	Cur.	Total Enroll.	N Sec-tions	Avg. Class Size	Number of Classes									
					Below 11		11-19		20-24		25-30		Above 30	
					N	%	N	%	N	%	N	%	N	%
WORLD LANGUAGE DEPARTMENT														
French 3 H 303S	H	28	1	28.0								1	100%	
French 4 H 304S	H	17	1	17.0			1	100%						
AP French Language 305S	H	16	1	16.0			1	100%						
Novice French 2 ACP 311bS	ACP	21	1	21.0					1	100%				
Intermediate French 2 ACP 312S, 3121S	ACP	101	4	25.3					1	25%	3	75%		
French 3 ACP 313S, 3131S	ACP	44	2	22.0					2	100%				
French 4 ACP 314S, 3141S	ACP	36	2	18.0			2	100%						
French 5 ACP 315S, 3151S	ACP	17	1	17.0			1	100%						
Chinese 1 ACP 341S	ACP	14	1	14.0			1	100%						
Chinese 2 ACP 342S	ACP	28	2	14.0			2	100%						
Chinese 3 H 3430S	H	24	1	24.0					1	100%				
Chinese 3 ACP 343S	ACP	33	2	16.5			1	50%	1	50%				
Chinese 4 H 3440S, ACP 344S, Chinese 5 ACP 345S	H, ACP	23	1	23.0					1	100%				
Chinese 5 H 3450S	H	18	1	18.0			1	100%						
Latin 1 ACP 351S	ACP	44	2	22.0					2	100%				
Latin 2 ACP 352S	ACP	21	1	21.0					1	100%				
Latin 3 H 3530S, ACP 353S	H, ACP	34	2	17.0			1	50%	1	50%				
Latin 4 H 3540S, ACP 354S, Latin 5 H 3550S, ACP 355S, Advanced Latin ACP 356S	H, ACP	20	1	20.0					1	100%				
Russian 1 ACP 361S, Proto AP Russian L&C 369S	H, ACP	19	1	19.0			1	100%						
Russian 2 ACP 362S	ACP	18	1	18.0			1	100%						
Russian 3 ACP 363S, Russian 4 ACP 364S	ACP	18	1	18.0			1	100%						
Spanish 3 H 373S	H	101	4	25.3					1	25%	3	75%		
Spanish 4 H 374S	H	76	3	25.3					1	33%	2	67%		
AP Spanish Language 375S	H	33	1	33.0									1	100%
Novice Spanish 1 ACP 381aS, Novice Spanish 1 CP 391S	ACP, CP	17	1	17.0			1	100%						
Novice Spanish 1 ACP 381aS, Novice Spanish 1 CP 391S, Novice Spanish 2 CP 392S	ACP, CP	21	1	21.0					1	100%				
Novice Spanish 2 ACP 381bS	ACP	52	3	17.3			3	100%						
Intermediate Spanish 2 ACP 382S, 3821S	ACP	218	10	21.8			1	10%	7	70%	2	20%		
Intermediate Spanish 2 ACP 382S, 3821S, 382HES	ACP	21	1	21.0					1	100%				
Spanish 3 ACP 383S, 3831S	ACP	112	5	22.4				0%	4	80%	1	20%		
Spanish 4 ACP 384S	ACP	105	5	21.0			2	40%	2	40%	1	20%		
Spanish 5 ACP 385S	ACP	61	3	20.3			1	33%	2	67%				
~Teach Assist World Language 398S, 398F/SS	#	6	5	1.2	5	100%								
~Ind Study Chinese 399cS	#	1	1	1.0	1	100%								
~Ind Study World Language 399S	#	1	1	1.0	1	100%								
TOTAL WORLD LANGUAGE		1,419	74	19.2	7	9%	22	30%	31	42%	13	18%	1	1%
WORLD LANGUAGE WITHOUT ASSISTANTS OR IND STUDY		1,411	67	21.1	0	0%	22	33%	31	46%	13	19%	1	1%

#Course not counted in weighted grade point average

~Course not counted in average class size

TABLE 31
South High School Course Enrollment
2022-23
(Enrollment as of October 15, 2022)

Course	Cur.	Total Enroll.	N Sec- tions	Avg. Class Size	Number of Classes									
					Below 11		11-19		20-24		25-30		Above 30	
					N	%	N	%	N	%	N	%	N	%
SCIENCE DEPARTMENT														
Physics I (lab) ACP 811S	ACP	261	12	21.8			3	25%	9	75%				
Physics I (lab) ACP 811S, CP 812S	ACP, CP	79	4	19.8			1	25%	3	75%				
Physics (lab) CP 812S, 8126S*	CP	22	2	11.0			2	100%						
Physics & Engineering Projects ACP 813S, CP 8132S	ACP, CP	112	5	22.4					5	100%				
Chemistry (Lab) H 820S	H	116	5	23.2					3	60%	2	40%		
Chemistry (Lab) H 8201S, ACP 8210S	H, ACP	167	7	23.9					4	57%	3	43%		
Chemistry (Lab) ACP 821S	ACP	56	3	18.7			2	67%	1	33%				
Chemistry (Lab) ACP 8212S, CP 8221S	ACP, CP	57	3	19.0			2	67%	1	33%				
Chemistry (lab) CP 822S	CP	9	1	9.0	1	100%								
Chemistry (lab) CP 8226S, 8228S*	CP	16	1	16.0			1	100%						
da Vinci Chemistry H 8270S, ACP 8271S	H, ACP	27	1	27.0							1	100%		
Biology (Lab) H 830S	H	113	5	22.6			1	20%	2	40%	2	40%		
Biology (Lab) H 8301S, ACP 8310S	H, ACP	159	7	22.7			1	14%	5	71%	1	14%		
Biology (Lab) ACP 831S	ACP	42	2	21.0					2	100%				
Biology (Lab) ACP 8312S, CP 8321S	ACP, CP	64	3	21.3					3	100%				
Biology (lab) CP 832S, 8326S, 8328S*	CP	11	1	11.0			1	100%						
daVinci Biology H 8370S, ACP 8371S	H, ACP	19	1	19.0			1	100%						
AP Chemistry (lab) 840S	H	94	4	23.5					2	50%	2	50%		
Physics II ACP 841S	ACP	26	1	26.0							1	100%		
Physics & Music ACP 843S, CP 8432S	ACP, CP	25	1	25.0							1	100%		
Organic Chemistry H 8490S, ACP 849S	H, ACP	25	1	25.0							1	100%		
AP Biology (lab) 850S	H	98	4	24.5					2	50%	2	50%		
Astronomy & Earth Science ACP 851S, CP 8512S	ACP, CP	24	1	24.0					1	100%				
AP Environmental Science 8550S	H	76	3	25.3							3	100%		
Neurobiology H 860S, ACP 8601S	H, ACP	49	2	24.5					1	50%	1	50%		
Marine Biology ACP 861S, CP 8612S	ACP, CP	24	1	24.0					1	100%				
Global Marine Biology H 8620S, ACP 8621S	H, ACP	20	1	20.0					1	100%				
AP Physics C Mech 870S	H	49	2	24.5					1	50%	1	50%		
Biotechnology H 8170S, ACP 71S	H, ACP	52	2	26.0							2	100%		
AP Physics C Mech E&M 880S	H	20	1	20.0					1	100%				
Anatomy & Physiology ACP 881S, CP 882S	ACP, CP	48	2	24.0					2	100%				
~da Vinci STEAM Project H 8470S, ACP 8471S	H, ACP	14	1	14.0			1	100%						
~Modern Physics 875F/SS	#	27	1	27.0							1	100%		
~Intro. Physics Study 890S, 890F/SS	#	9	1	9.0	1	100%								
~Teach Assist Science 898S, 8984S, 898F/SS, 8984F/SS	#	9	9	1.0	9	100%								
~Ind Study Biology Edgenuity 899eS	#	1	1	1.0	1	100%								
~Ind Study Quantum Mechanics 899rF/SS	#	9	1	9.0	1	100%								
~Ind Study Science 899S, 899F/SS	#	5	4	1.3	4	100%								
TOTAL SCIENCE		2,034	107	19.0	17	16%	16	15%	50	47%	24	22%	0	0%
SCIENCE WITHOUT ASSISTANTS, IND STUDY														
SPECIAL EDUCATION, OR INTRO. PHYSICS STUDY		1,960	89	22.0	1	1%	15	17%	50	56%	23	26%	0	0%

*Co-taught with a special education teacher

#Course not counted in weighted grade point average

~Course not counted in average class size

TABLE 31
South High School Course Enrollment
2022-23
(Enrollment as of October 15, 2022)

Course	Cur.	Total Enroll.	N Sec- tions	Avg. Class Size	Number of Classes									
					Below 11		11-19		20-24		25-30		Above 30	
					N	%	N	%	N	%	N	%	N	%
HISTORY & SOCIAL SCIENCE DEPARTMENT														
World History to 1775 ACP 411S, 4111S	ACP	265	12	22.1			1	8%	11	92%				
World History to 1775 ACP 411S, CP 4112S	ACP, CP	122	6	20.3			2	33%	4	67%				
World History to 1775 CP 412S, 4126S*	CP	14	1	14.0			1	100%						
World History & Literature ACP 413S, 4131S	ACP	43	2	21.5					2	100%				
World History 1775-pres H 420S, ACP 421aS	H, ACP	168	7	24.0					3	43%	4	57%		
World History 1775-pres ACP 421S, CP 4212S	ACP, CP	72	3	24.0					1	33%	2	67%		
World History 1775-pres CP 422S	CP	9	1	9.0	1	100%								
World History 1775-pres CP 422S, 4226S, 4228S*	CP	13	1	13.0			1	100%						
Global Justice: Modern World History H 4240S, ACP 4241S, CP 4242S	H, ACP, CP	82	4	20.5			1	25%	3	75%				
New Media Communities: Modern World History H 4250S, ACP 4251S, CP 4252S	H, ACP, CP	94	4	23.5					4	100%				
AP U.S. History 430S, 4300S	H	157	7	22.4			1	14%	5	71%	1	14%		
U.S. History ACP 431S	ACP	25	1	25.0							1	100%		
U.S. History ACP 431S, CP 4312S	ACP, CP	48	2	24.0					2	100%				
U.S. History ACP 431S, CP 4312S, 4314S	ACP, CP	22	1	22.0					1	100%				
U.S. History CP 432S, 4326S, 4328S*	CP	12	1	12.0			1	100%						
Global Justice: US History H 4340S, ACP 4341S, CP 4342S	H, ACP, CP	87	4	21.8					4	100%				
New Media Communities: US History H 4350S, ACP 4351S, CP 4352S	H, ACP, CP	49	2	24.5					1	50%	1	50%		
Contemp World History H 4410S, ACP 441S, CP 4412S	H, ACP, CP	24	1	24.0					1	100%				
Race, Class, Gender H 4420S, ACP 4421S, CP 4422S	H, ACP, CP	24	1	24.0					1	100%				
Ethics in Mod World H 4430S, ACP 443S	H, ACP	22	1	22.0					1	100%				
Sustainability H 4440S, ACP 4441S	H, ACP	23	1	23.0					1	100%				
History of Sport in America ACP 448S, CP 4482S	ACP, CP	29	1	29.0							1	100%		
AP US Government & Politics 450S, ACP 4501S	H, ACP	71	3	23.7					2	67%	1	33%		
AP Comparative Government 460S, ACP 4601S	H, ACP	60	2	30.0							2	100%		
AP Psychology 470S	H	163	6	27.2							6	100%		
Psychology ACP 471S, CP 4712S	ACP, CP	68	3	22.7					3	100%				
~Southside World History 1 CP 1412S, World History 2 ACP 1421S, CP 1422S^	ACP, CP	8	1	8.0	1	100%								
~Southside U.S. History ACP 1431S, CP 1432S^	ACP, CP	2	1	2.0	1	100%								
~ELL World History to 1775 ACP 161S	ACP	9	1	9.0	1	100%								
~ELL U.S. History ACP 162S	ACP	19	1	19.0					1	100%				
~Power History 414FS	#	19	1	19.0					1	100%				
~CORE World History II ACP 4291S, CP 4292S**	ACP, CP	7	1	7.0	1	100%								
~CORE U.S. History ACP 4391S, CP 4392S**	ACP, CP	18	1	18.0					1	100%				
~Teach Assist History 498S, 498F/SS	#	6	5	1.2	5	100%								
~Ind Study U.S. History Edgenuity 499eS	#	1	1	1.0	1	100%								
~Ind Study History & SS 499S, 499F/SS	#	1	1	1.0	1	100%								
TOTAL HISTORY & SOCIAL SCIENCE		1,856	92	20.2	12	13%	11	12%	50	54%	19	21%	0	0%
HISTORY WITHOUT ELL, CORE PROGRAM, SPECIAL EDUCATION, ASSISTANTS, POWER HISTORY, OR IND STUDY		1,766	78	22.6	1	1%	8	10%	50	64%	19	24%	0	0%

*Co-taught with a special education teacher

**Supported by a special education aide

^Taught by a special education teacher

#Course not counted in weighted grade point average

~Course not counted in average class size

TABLE 31
South High School Course Enrollment
2022-23
(Enrollment as of October 15, 2022)

Course	Cur.	Total Enroll.	N Sec- tions	Avg. Class Size	Number of Classes									
					Below 11		11-19		20-24		25-30		Above 30	
					N	%	N	%	N	%	N	%	N	%
MATHEMATICS DEPARTMENT														
Math 1 H 601S, ACP 611S	H, ACP	195	8	24.4				3	38%	5	63%			
Math 1 H 601S, 6017S, ACP 611S, 6117S	H, ACP	129	5	25.8			1	20%	4	80%				
Mathematics 2 H 602S	H	83	3	27.7					3	100%				
Mathematics 2 H 602S, 6027S	H	56	2	28.0					2	100%				
Precalculus H 603S	H	53	2	26.5					2	100%				
Precalculus H 603S, 6037S	H	53	2	26.5					2	100%				
AP Calculus BC 604S	H	28	1	28.0					1	100%				
AP Calculus BC 604S, 6047S	H	53	2	26.5					2	100%				
AP Statistics 605S, 6057S	H	78	3	26.0			1	33%	2	67%				
AP Calculus AB 608S	H	27	1	27.0					1	100%				
AP Calculus AB 608S, 6087S	H	29	1	29.0					1	100%				
AP Calculus AB 608S, Calculus Acc ACP 618S	H, ACP	27	1	27.0					1	100%				
Mathematics 2 Accel ACP 612S	ACP	39	2	19.5			1	50%	1	50%				
Mathematics 2 Accel ACP 612S, 6217S	ACP	92	4	23.0					4	100%				
Mathematics 3 Accel ACP 613S	ACP	26	1	26.0						1	100%			
Mathematics 3 Accel ACP 613S, 6137S	ACP	82	3	27.3						3	100%			
Precalculus Accel ACP 614S	ACP	27	1	27.0						1	100%			
Precalculus Accel ACP 614S, 6147S	ACP	53	2	26.5						2	100%			
Statistics Accel ACP 615S, CP 635S	ACP, CP	14	1	14.0			1	100%						
Calculus Accel ACP 618S	ACP	48	2	24.0					1	50%	1	50%		
Calculus Accel ACP 618S, 6187S	ACP	22	1	22.0					1	100%				
Mathematics 1 ACP 621S	ACP	17	1	17.0			1	100%						
Mathematics 1 ACP 621S, CP 631S	ACP, CP	72	4	18.0			3	75%	1	25%				
Mathematics 1 ACP 621S, 6217S, CP 631S	ACP, CP	19	1	19.0			1	100%						
Mathematics 1 ACP 621S, CP 6316S*	ACP, CP	16	1	16.0			1	100%						
Mathematics 2 ACP 622S	ACP	23	1	23.0					1	100%				
Mathematics 2 ACP 622S, 6227S	ACP	85	4	21.3					4	100%				
Mathematics 3 ACP 623S	ACP	23	1	23.0					1	100%				
Mathematics 3 ACP 623S, 6237S	ACP	83	4	20.8			2	50%	2	50%				
Precalculus ACP 624S, Mathematics 4 CP 634S	ACP, CP	92	4	23.0					3	75%	1	25%		
Precalculus ACP 624S, 6247S, Mathematics 4 CP 634S	ACP, CP	49	2	24.5					1	50%	1	50%		
daVinci Math 2 H 6270S, ACP 6271S	H, ACP	27	1	27.0							1	100%		
Mathematics 2 CP 632S	CP	25	2	12.5	1	50%	1	50%						
Mathematics 2 CP 6326S, 6328S*	CP	12	1	12.0					1	100%				
Mathematics 3 CP 633S	CP	23	2	11.5	1	50%	1	50%						
Mathematics 3 CP 633S, 6336S, 6337S*	CP	16	1	16.0					1	100%				
da Vinci Math 3 H 6370S, ACP 6371S, CP 6372S	H, ACP, CP	19	1	19.0					1	100%				
Foundations of Math CP 641S, 6416S*	CP	6	1	6.0	1	100%								
Topics in Algebra, Geometry, and Statistics CP 642S, 6426S*	CP	29	2	14.5			2	100%						
~Linear Algebra H 606F/SS	H	17	1	17.0			1	100%						
~Math 3 Edgenuity CP 633eS	CP	1	1	1.0	1	100%								
~Introduction to Programming ACP 650F/SS	ACP	133	6	22.2					6	100%				
~Computer Science 1 H 651F/SS	H	46	2	23.0					2	100%				
~Computer Science 2 H 652F/SS	H	27	2	13.5			2	100%						
~Computer Science 3 H 653F/SS	H	13	1	13.0			1	100%						
~Computer Science 4 H 654F/SS	H	15	1	15.0			1	100%						
~Teach Assist Computer Programming F/S 659F/SS	#	1	1	1.0	1	100%								
~Teach Assist Mathematics 698S, 698F/SS	#	13	12	1.1	12	100%								
~Ind Study Mathematics 699S	#	3	3	1.0	3	100%								
~Connections/STRIDE Mathematics 983aS^	#	8	1	8.0	1	100%								
~Direct Instruction Mathematics 983DS^	#	3	1	3.0	1	100%								
TOTAL MATHEMATICS		2,130	114	18.7	22	19%	21	18%	34	30%	37	32%	0	0%
MATHEMATICS WITHOUT MCAS SUPPORT, ASSISTANTS, PEER TUTORS, IND STUDY, COMPUTER SCIENCE, OR SPECIAL EDUCATION		1,850	82	22.6	3	4%	16	20%	26	32%	37	45%	0	0%

*Co-taught with a special education teacher

^Taught by a special education teacher

#Course not counted in weighted grade point average

~Course not counted in average class size

TABLE 31
South High School Course Enrollment
2022-23
(Enrollment as of October 15, 2022)

Course	Cur.	Total Enroll.	N Sec-tions	Avg. Class Size	Number of Classes									
					Below 11		11-19		20-24		25-30		Above 30	
					N	%	N	%	N	%	N	%	N	%
ART DEPARTMENT														
Art Foundations ACP 020F/SS	ACP	153	8	19.1			5	63%	3	38%				
2D Explorations ACP 021F/SS	ACP	63	3	21.0			1	33%	2	67%				
2D Studio ACP 022S	ACP	17	1	17.0			1	100%						
2D Studio F/S ACP 022F/SS	ACP	21	1	21.0					1	100%				
2D Art H 025S	H	33	2	16.5			1	50%	1	50%				
AP Studio Art Drawing 026S	H	20	1	20.0					1	100%				
3D Explorations F/S ACP 041F/SS	ACP	31	2	15.5			2	100%						
3D Explorations F/S ACP 041F/SS, 041QS	ACP	15	1	15.0			1	100%						
3D Art H 046S, 3D Studio ACP 042S	H, ACP	19	1	19.0			1	100%						
AP 3-D Design 047S	H	15	1	15.0			1	100%						
AP Art History 050S	H	18	1	18.0			1	100%						
Ceramics Explorations ACP 061F/SS	ACP	89	4	22.3					4	100%				
Ceramics Studio F/S ACP 065F/SS	ACP	65	3	21.7					3	100%				
Ceramics H 067S, Ceramics Studio ACP 065S	H, ACP	21	1	21.0					1	100%				
Ceramics H 067S, Ceramics Studio F/S ACP 065F/SS	H, ACP	22	1	22.0					1	100%				
Photography Explorations ACP 081F/SS	ACP	100	5	20.0					5	100%				
Photography Studio: Digital & Film ACP 082S	ACP	10	1	10.0	1	100%								
Photography Studio: Digital & Film F/S ACP 082F/SS	ACP	16	1	16.0			1	100%						
Photography H 084S, F/S 084F/SS	H	13	1	13.0			1	100%						
Foundations: Media Arts ACP 090F/SS	ACP	35	2	17.5			2	100%						
Media Arts Exploration ACP 091F/SS	ACP	35	2	17.5			2	100%						
Media Arts Studio F/S H 0920F/SS	H	14	1	14.0			1	100%						
~Teach Assist 2D Art 028S	#	3	2	1.5	2	100%								
~Teach Assist 3D Art F/S 058F/SS	#	1	1	1.0	1	100%								
~Teach Assist Ceramics 068S, F/S 068F/SS	#	6	6	1.0	6	100%								
~Teach Assist Photography 088S, F/S 088F/SS	#	2	2	1.0	2	100%								
~Teach Assist Media Arts F/S 099F/SS	#	2	2	1.0	2	100%								
TOTAL ART DEPARTMENT		839	57	14.7	14	25%	21	37%	22	39%	0	0%	0	0%
ART WITHOUT WORK STUDY OR ASSISTANTS		825	44	18.8	1	2%	21	48%	22	50%	0	0%	0	0%
MUSIC DEPARTMENT														
Music Tech & Comp ACP 711S	ACP	32	2	16.0			2	100%						
Music Production H 7130F/SS	H	12	1	12.0			1	100%						
Adv Music Production F/S H 715F/SS, Music Production ACP 713F/SS	H, ACP	7	1	7.0	1	100%								
Symphonic Band H 7220S, ACP 722S	H, ACP	41	1	41.0									1	100%
String Orchestra H 7240S, ACP 724S	H, ACP	22	1	22.0					1	100%				
Select Wind Ensemble H 728S	H	20	1	20.0					1	100%				
Jazz Improvisation 1 F/S ACP 731F/SS, 731QS	ACP	9	1	9.0	1	100%								
Jazz Improvisation 2 ACP 732S, F/S 732F/SS, Jazz Improv 3 ACP 733S, F/S 733F/SS, Jazz Improv	ACP	15	1	15.0			1	100%						
Jazz Combo H 735S	H	10	1	10.0	1	100%								
Lab Jazz Ensemble ACP 736F/SS	ACP	13	1	13.0			1	100%						
Jazz Ensemble H 737S	H	22	1	22.0					1	100%				
Vocal Ensemble ACP 743F/SS	ACP	20	1	20.0					1	100%				
Madrigals H 747S	H	19	1	19.0			1	100%						
MUSIC DEPARTMENT TOTAL		242	14	17.3	3	21%	6	43%	4	29%	0	0%	1	7%

TABLE 31
South High School Course Enrollment
2022-23
(Enrollment as of October 15, 2022)

Course	Cur.	Total Enroll.	N Sec-tions	Avg. Class Size	Number of Classes												
					Below 11		11-19		20-24		25-30		Above 30				
					N	%	N	%	N	%	N	%	N	%			
THEATRE DEPARTMENT																	
Acting Foundations F/S ACP 270F/SS	ACP	29	2	14.5			2	100%									
Acting for Stage and Screen F/S H 2750F/SS, ACP 275F/SS	H. ACP	18	1	18.0			1	100%									
Public Speaking and Presentation H 2760F/SS, ACP 276F/SS	H. ACP	25	1	25.0							1	100%					
Technical Theatre Studio H 2780F/SS, ACP 278S, 278QS	H. ACP	17	1	17.0			1	100%									
~Teach Assist Theatre 280F/SS	#	1	1	1.0	1	100%											
TOTAL THEATRE		90	6	15.0	1	17%	4	67%	0	0%	1	17%	0	0%	0	0%	
THEATRE WITHOUT ASSISTANTS		89	5	17.8	0	0%	4	80%	0	0%	1	20%	0	0%	0	0%	
BUSINESS DEPARTMENT																	
Intro to Business ACP 111F/SS	ACP	154	6	25.7					1	17%	5	83%					
Personal Finance ACP 112F/SS	ACP	100	4	25.0					1	25%	3	75%					
Entrepreneurship ACP 113F/SS	ACP	47	2	23.5					2	100%							
Principles of Marketing ACP 116F/SS	ACP	25	1	25.0							1	100%					
Financial Planning ACP 117QS	ACP	35	2	17.5			2	100%									
TOTAL BUSINESS		361	15	24.1	0	0%	2	13%	4	27%	9	60%	0	0%	0	0%	
FAMILY & CONSUMER SCIENCE																	
Healthy Cooking and Baking ACP 501QS	ACP	104	5	20.8			1	20%	4	80%							
Int'l Cuisine AAAE F ACP 503QS	ACP	171	8	21.4					8	100%							
Int'l Cuisine Euro/Amer S ACP 504S	ACP	101	5	20.2			1	20%	4	80%							
Intermediate Int'l Cuisine ACP 505QS	ACP	41	3	13.7			3	100%									
Culinary Arts Exploratory ACP 507F/SS, Culinary Arts & Food Manag ACP 508F/SS	ACP	35	2	17.5			2	100%									
Fashion & Clothing 1 ACP 511F/SS, Fashion and Clothing 2 ACP 512F/SS, Fashion and Clothing 3	ACP	66	4	16.5			4	100%									
Child Development ACP 521F/SS	ACP	65	3	21.7					3	100%							
Ind Study Child Development ACP 522S	ACP	3	1	3.0	1	100%											
Early Childhood Ed ACP 532F/SS	ACP	60	6	10.0	6	100%											
Early Childhood Ed 2 ACP 533S, 533F/SS	ACP	38	1	38.0									1	100%			
Early Childhood Ed 3 ACP 540S, 540F/SS	ACP	5	1	5.0	1	100%											
Early Child Ed Major ACP 542S, Early Child Ed Minor 541S	ACP	10	1	10.0	1	100%											
TOTAL FAMILY & CONSUMER SCIENCE		699	40	17.5	9	23%	11	28%	19	48%	0	0%	1	3%	0	0%	
TECHNICAL EDUCATION																	
Architecture 1 ACP 551F/SS	ACP	48	2	24.0					2	100%							
CAD and 3D Modeling ACP 553F/SS	ACP	21	1	21.0					1	100%							
Freshman Engineering ACP 561F/SS	ACP	63	3	21.0			1	33%	2	67%							
Engineering 1 ACP 562F/SS	ACP	45	2	22.5					2	100%							
Engineering 1 ACP 562F/SS, Engineering III H 5640S	H. ACP	25	1	25.0							1	100%					
Engineering 2 ACP 563F/SS, Engineering III H 5640S	H. ACP	25	1	25.0							1	100%					
Robotics 1 ACP 565F/SS	ACP	75	4	18.8			3	75%	1	25%							
da Vinci: Engineering and Inventing ACP 567F/SS	ACP	19	1	19.0			1	100%									
Graphic Design 1 ACP 578F/SS	ACP	43	2	21.5					2	100%							
Graphic Design 2 ACP 579F/SS	ACP	18	1	18.0			1	100%									
Woodworking 1 ACP 581F/SSS	ACP	53	3	17.7			3	100%									
Woodworking 2 ACP 582F/SS	ACP	16	1	16.0			1	100%									
~Work Study Graphics 598S	#	1	1	1.0	1	100%											
TOTAL TECHNICAL EDUCATION		452	23	19.7	1	4%	10	43%	10	43%	2	9%	0	0%	0	0%	
TECHNICAL EDUCATION WITHOUT WORK STUDY		451	22	20.5	0	0%	10	45%	10	45%	2	9%	0	0%	0	0%	
WELLNESS DEPARTMENT																	
Sports Nutrition 502QS	#	185	9	20.6			3	33%	6	67%							
Ninth-Grade Wellness 771QS	#	458	20	22.9			3	15%	10	50%	7	35%					
Ninth-Grade Health 772QS	#	459	20	23.0			4	20%	6	30%	10	50%					
Wellness: Climbing the E.L.M Tree 774QS	#	184	9	20.4			2	22%	7	78%							
Wellness: Expanding Horizons 775QS	#	74	3	24.7					1	33%	2	67%					
Wellness: Play 4 Life 776QS	#	128	5	25.6					2	40%	3	60%					
Wellness: Around the World in 80 Days 777QS	#	101	4	25.3					1	25%	3	75%					
Wellness: FUNctional Fitness 778QS	#	67	3	22.3			1	33%	1	33%	1	33%					
Wellness: Well U 779QS	#	98	5	19.6			2	40%	1	20%	2	40%					
Wellness: Brain Train 780QS	#	227	10	22.7			3	30%	3	30%	4	40%					
Wellness: Yo-Co 781QS	#	307	13	23.6			1	8%	6	46%	6	46%					
~Alternative Wellness 766QS	#	9	4	2.3	4	100%											
~Southside Wellness 1 1701QS	#	13	1	13.0			1	100%									
~Southside Wellness 2 1702QS	#	12	1	12.0			1	100%									
TOTAL WELLNESS		2,322	107	21.7	4	4%	21	20%	44	41%	38	36%	0	0%	0	0%	
WELLNESS WITHOUT SPECIAL PROGRAMS		2,288	101	22.7	0	0%	19	19%	44	44%	38	38%	0	0%	0	0%	

#Course not counted in weighted grade point average

~Course not counted in average class size

TABLE 31
South High School Course Enrollment
2022-23
(Enrollment as of October 15, 2022)

Course	Cur.	Total Enroll.	N Sec-tions	Avg. Class Size	Number of Classes									
					Below 11		11-19		20-24		25-30		Above 30	
					N	%	N	%	N	%	N	%	N	%
<u>SPECIAL EDUCATION CLASSES</u>														
<u>ACADEMIC SUPPORT</u>														
Academic Study 9th 921S, 922S, 923S	#	45	7	6.4	7	100%								
Academic Study 9th Language-Based 923LS	#	5	1	5.0	1	100%								
Academic Study 10th 931S, 932S, 933S	#	41	8	5.1	8	100%								
Academic Study 10th Language-Based 933LS	#	8	1	8.0	1	100%								
Academic Study 11/12th 941S, 942S, 943S	#	83	13	6.4	13	100%								
Academic Study 10th CORE 933TDS, Academic Study 11/12th CORE 943TDS	#	16	2	8.0	2	100%								
Academic Study Compass 971CMS, 972CMS, 973CMS	#	23	7	3.3	7	100%								
Academic Study RISE 971RPS, 972RPS, 973RPS	#	23	6	3.8	6	100%								
Academic Study STEP 971SPS, 972SPS, 973SPS	#	28	8	3.5	8	100%								
TOTAL Academic Support		272	53	5.1	53	100%	0	0%	0	0%	0	0%	0	0%
<u>SOUTHSIDE PROGRAM</u>														
Southside Ninth Grade English CP 1212S, Sophomore English CP 1222S^	CP	9	1	9.0	1	100%								
Southside Junior English ACP 1231S, CP 1232S, Senior English ACP 1241S, CP 1242S^	ACP, CP	11	1	11.0			1	100%						
Southside World History 1 CP 1412S, World History 2 ACP 1421S, CP 1422S^	ACP, CP	8	1	8.0	1	100%								
Southside U.S. History ACP 1431S, CP 1432S^	ACP, CP	2	1	2.0	1	100%								
Southside Affective Ed 1500S, 15001S	#	22	1	22.0					1	100%				
Southside Work Study 1509S	#	4	1	4.0	1	100%								
Academic Study Southside 971SS, 972SS, 973SS	#	22	3	7.3	2	67%	1	33%						
TOTAL Southside Program		78	9	8.7	6	67%	2	22%	1	11%	0	0%	0	0%
<u>CONNECTIONS/STRIDE PROGRAM</u>														
Academic Study Connections 971CNS, 972CNS, 973CNS	#	11	6	1.8	6	100%								
Academic Study STRIDE 971CNS, 972CNS, 973CNS	#	7	4	1.8	4	100%								
STRIDE Vocational Skills 981S	#	10	4	2.5	4	100%								
Connections/STRIDE English 982S^	#	8	2	4.0	2	100%								
Connections/STRIDE Mathematics 983aS^	#	8	1	8.0	1	100%								
STRIDE Daily Living Skills 984S	#	11	4	2.8	4	100%								
STRIDE Community Skills 986S	#	10	4	2.5	4	100%								
STRIDE Transitional Skills 991S	#	2	1	2.0	1	100%								
TOTAL Connections/STRIDE Programs		67	26	2.6	26	100%	0	0%	0	0%	0	0%	0	0%
<u>OTHER</u>														
Ninth Grade English CP 218LS^	CP	5	1	5.0	1	100%								
Sophomore English CP 228LS^	CP	8	1	8.0	1	100%								
Reading Strategies 2901S, 2902S, 2902iS	#	40	26	1.5	26	100%								
Communication Skills 9451LS, 9451PS, 9452LS	#	48	25	1.9	25	100%								
Direct Instruction English 982DS^	#	3	2	1.5	2	100%								
Direct Instruction Mathematics 983DS^	#	3	1	3.0	1	100%								
TOTAL Other Programs		107	56	1.9	56	100%	0	0%	0	0%	0	0%	0	0%
TOTAL SPECIAL EDUCATION		524	144	3.6	141	98%	2	1%	1	1%	0	0%	0	0%

^Taught by a special education teacher

#Course not counted in weighted grade point average

TABLE 31
South High School Course Enrollment
2022-23
(Enrollment as of October 15, 2022)

Course	Cur.	Total Enroll.	N Sec- tions	Avg. Class Size	Number of Classes												
					Below 11		11-19		20-24		25-30		Above 30				
					N	%	N	%	N	%	N	%	N	%			
ELL																	
ELL English 1-2 ACP 151S	ACP	2	1	2.0	1	100%											
ELL English 3 ACP 153S	ACP	7	1	7.0	1	100%											
ELL English 4 ACP 154S	ACP	11	1	11.0			1	100%									
ELL English 5 ACP 155S	ACP	16	1	16.0			1	100%									
ELL World History to 1775 ACP 161S	ACP	9	1	9.0	1	100%											
ELL U.S. History ACP 162S	ACP	19	1	19.0			1	100%									
ELL Academic Support F 165S	#	17	2	8.5	1	50%	1	50%									
ELL Academic Support S 166S	#	15	2	7.5	2	100%											
TOTAL ELL		96	10	9.6	6	60%	4	40%	0	0%	0	0%	0	0%	0	0%	0
CORE PROGRAM																	
CORE Sophomore English ACP 221S, CP 2212S**	ACP, CP	7	1	7.0	1	100%											
CORE Junior English ACP 2391S, CP 2392S**	ACP, CP	18	1	18.0			1	100%									
CORE World History II ACP 4291S, CP 4292S**	ACP, CP	7	1	7.0	1	100%											
CORE U.S. History ACP 4391S, CP 4392S**	ACP, CP	18	1	18.0			1	100%									
CORE Academic Study 933CRS, 943CRS, 954CRS	#	25	4	6.3	4	100%											
TOTAL CORE Program		75	8	9.4	6	75%	2	25%	0	0%	0	0%	0	0%	0	0%	0
OTHER OFFERINGS																	
Small Study 003S	#	37	16	2.3	16	100%											
Leadership for Social Justice 903QS	#	19	1	19.0			1	100%									
One to One Mentoring 904S	#	19	4	4.8	4	100%											
METCO Advisory 906FS	#	15	1	15.0			1	100%									
Teach Assist Instructional Technology 909S	#	1	1	1.0	1	100%											
W.I.S.E. Senior Project/Internship Program 910SS	#	75	6	12.5			6	100%									
Teach Assist College and Career Center 914F/SS	#	2	2	1.0	2	100%											
Library Service 919S	#	2	2	1.0	2	100%											
Peer Tutor 996S	#	5	5	1.0	5	100%											
TOTAL OTHER		175	38	4.6	30	79%	8	21%	0	0%	0	0%	0	0%	0	0%	0

#Course not counted in weighted grade point average

**Supported by a special education aide

TABLE 32
DEPARTMENTAL ENROLLMENTS*
2020-2021, 2021-2022, & 2022-23

Newton North High School

Department	2020-2021		2021-2022		2022-2023	
	N	Enrollment Rate (compared to total enrollment)	N	Enrollment Rate (compared to total enrollment)	N	Enrollment Rate (compared to total enrollment)
English	2,058	0.99	2,080	0.99	2,074	0.98
World Languages	1,584	0.76	1,582	0.75	1,575	0.75
Science	2,059	0.99	2,138	1.01	2,063	0.98
History & Social Science	1,993	0.96	2,002	0.95	1,968	0.93
Mathematics	2,178	1.05	2,223	1.06	2,264	1.07
Art	350	0.17	661	0.31	738	0.35
Music	180	0.09	286	0.14	275	0.13
Business	183	0.09	517	0.25	507	0.24
Career & Technical Education	568	0.27	783	0.37	826	0.39
Theatre	55	0.03	128	0.06	148	0.07
Technology/Engineering	205	0.10	377	0.18	395	0.19
Physical Education/Wellness	1,277	0.61	2,626	1.25	2,611	1.24
Total All Departments	12,690		15,403		15,444	
Total Enrollment As of October 1	2,080		2,107		2,110	

*Total of all students enrolled in a subject course (includes ELL, special education, and special program courses marked with a ~; does not include subject electives or independent study)

Starting 2021-22, Phys Ed/Wellness includes enrollment for all four quarters. Prior to 2021-22, Phys Ed/Wellness included only semester 1 enrollment.

TABLE 33
DEPARTMENTAL ENROLLMENTS*
2020-2021, 2021-2022, & 2022-23

Newton South High School

Department	2020-2021		2021-2022		2022-2023	
	N	Enrollment Rate (compared to total enrollment)	N	Enrollment Rate (compared to total enrollment)	N	Enrollment Rate (compared to total enrollment)
English	1,860	1.00	1,827	1.00	1,831	1.00
World Languages	1,471	0.79	1,500	0.82	1,411	0.77
Science	1,973	1.06	1,925	1.05	2,010	1.09
History & Social Science	1,929	1.03	1,851	1.01	1,848	1.01
Mathematics	1,949	1.04	1,901	1.04	1,879	1.02
Art	542	0.29	805	0.44	825	0.45
Music	213	0.11	234	0.13	242	0.13
Business	182	0.10	405	0.22	361	0.20
Technical Education	199	0.11	363	0.20	451	0.25
Theatre	57	0.03	70	0.04	89	0.05
Family & Consumer Science	375	0.20	573	0.31	699	0.38
Wellness	1,147	0.61	2,300	1.25	2,322	1.26
Total All Departments	11,897		13,754		13,968	
Total Enrollment As of October 1	1,868		1,836		1,837	

*Total of all students enrolled in a department course (includes ELL, special education, and special program courses marked with a ~; does not include departmental electives or independent study)

Starting in 2021-22, Wellness includes enrollment for all four quarters. Prior to 2021-22, Wellness included only semester 1 enrollment.

**TABLE 34
PROJECTED FUTURE CLASS SIZES FOR 5 ACADEMIC AREAS**

Newton North High School

Curriculum Level	N Sections (2022-23)	Current Avg. Class Size (2022-23)	2023-24 Projected Average Class Size	Change in Average Class Size	Change in Sections Required to Maintain Current Avg. Class Size	2024-25 Projected Average Class Size	2025-26 Projected Average Class Size
All 5 Subjects							
H	103	24.1	24.6	0.5	2	24.1	23.2
ACP	109	22.7	23.2	0.5	2	22.7	21.9
CP	20	13.0	13.2	0.2	0	13.0	12.5
H/ACP/CP	9	22.1	22.6	0.5	0	22.1	21.3
H/ACP	106	23.7	24.2	0.5	2	23.8	22.9
ACP/CP	93	18.6	19.0	0.4	2	18.6	17.9
Special Ed., etc.*	132	6.7	6.8	0.1	3	6.7	6.5
Total	572	18.4	18.8	0.4	11	18.4	17.7
Total Minus Special Ed., etc.	440	21.9	22.4	0.5	8	22.0	21.1
English							
H	10	21.8	22.3	0.5	0	21.8	21.0
ACP	21	20.6	21.1	0.5	0	20.6	19.9
CP	8	13.3	13.5	0.2	0	13.3	12.8
H/ACP/CP	9	22.1	22.6	0.5	0	22.1	21.3
H/ACP	40	22.0	22.5	0.5	1	22.1	21.2
ACP/CP	7	15.0	15.3	0.3	0	15.0	14.5
Special Ed., etc.*	30	9.4	9.6	0.2	1	9.4	9.1
Total	125	17.8	18.2	0.4	2	17.8	17.2
Total Minus Special Ed., etc.	95	20.4	20.9	0.5	1	20.5	19.7
World Languages							
H	19	19.7	20.1	0.4	0	19.7	19.0
ACP	26	19.6	20.0	0.4	1	19.6	18.9
CP	0	N/A	N/A	N/A	N/A	N/A	N/A
H/ACP/CP	0	N/A	N/A	N/A	N/A	N/A	N/A
H/ACP	2	18.5	18.9	0.4	0	18.5	17.8
ACP/CP	33	19.8	20.3	0.5	1	19.9	19.1
Special Ed., etc.*	8	1.0	1.0	0.0	0	1.0	1.0
Total	88	18.0	18.4	0.4	2	18.0	17.3
Total Minus Special Ed., etc.	80	19.7	20.1	0.4	2	19.7	19.0
Science							
H	34	24.1	24.6	0.5	1	24.1	23.2
ACP	27	24.5	25.1	0.6	1	24.6	23.6
CP	2	14.0	14.3	0.3	0	14.0	13.5
H/ACP/CP	0	N/A	N/A	N/A	N/A	N/A	N/A
H/ACP	2	16.5	16.9	0.4	0	16.5	15.9
ACP/CP	25	19.1	19.5	0.4	1	19.1	18.4
Special Ed., etc.*	33	3.8	3.8	0.0	1	3.8	3.6
Total	123	17.4	17.8	0.4	4	17.5	16.8
Total Minus Special Ed., etc.	90	22.4	22.9	0.5	3	22.5	21.6
History & Social Science							
H	14	25.6	26.1	0.5	0	25.6	24.6
ACP	24	25.8	26.4	0.6	1	25.9	24.9
CP	9	12.1	12.4	0.3	0	12.1	11.7
H/ACP/CP	0	N/A	N/A	N/A	N/A	N/A	N/A
H/ACP	31	24.6	25.2	0.6	1	24.7	23.7
ACP/CP	3	16.7	17.0	0.3	0	16.7	16.1
Special Ed., etc.*	13	9.5	9.8	0.3	0	9.6	9.2
Total	94	21.5	22.0	0.5	2	21.6	20.8
Total Minus Special Ed., etc.	81	23.5	24.0	0.5	2	23.5	22.6
Mathematics							
H	26	27.3	27.9	0.6	1	27.3	26.3
ACP	11	22.9	23.4	0.5	0	22.9	22.1
CP	1	16.0	16.4	0.4	0	16.0	15.4
H/ACP/CP	0	N/A	N/A	N/A	N/A	N/A	N/A
H/ACP	31	25.8	26.3	0.5	1	25.8	24.8
ACP/CP	25	17.5	17.9	0.4	1	17.5	16.9
Special Ed., etc.*	48	7.2	7.3	0.1	1	7.2	6.9
Total	142	18.0	18.4	0.4	0	18.1	17.4
Total Minus Special Ed., etc.	94	23.6	24.1	0.5	0	23.6	22.7

*Includes special education, special program, ELL, MCAS, classroom aides, work study, and independent study courses.

**The table above assumes that future enrollment patterns in departmental courses will mirror enrollment patterns for 2022-2023 and that the future number of sections offered will be the same as 2022-2023. This information is intended for planning purposes only and does not reflect future staffing patterns.

**TABLE 35
PROJECTED FUTURE CLASS SIZES FOR 5 ACADEMIC AREAS**

Newton South High School

Curriculum Level	N Sections (2022-23)	Current Avg. Class Size (2022-23)	2023-24 Projected Average Class Size	Change in Average Class Size	Change in Sections Required to Maintain Current Avg. Class Size	2024-25 Projected Average Class Size	2025-26 Projected Average Class Size
All 5 Subjects							
H	79	24.6	25.0	0.4	2	25.5	26.1
ACP	126	21.5	21.9	0.4	2	22.4	22.9
CP	23	11.6	11.8	0.2	0	12.0	12.3
H/ACP/CP	33	22.4	22.8	0.4	1	23.3	23.8
H/ACP	69	23.7	24.2	0.5	1	24.6	25.2
ACP/CP	66	21.7	22.1	0.4	1	22.6	23.1
Special Ed., etc.*	100	6.2	6.3	0.1	2	6.4	6.6
Total	496	18.8	19.2	0.4	9	19.6	20.0
Total Minus Special Ed., etc.	396	22.0	22.5	0.5	7	22.9	23.4
English							
H	12	23.4	23.9	0.5	0	24.3	24.9
ACP	19	21.5	21.9	0.4	0	22.4	22.9
CP	5	9.8	10.0	0.2	0	10.2	10.4
H/ACP/CP	16	22.5	22.9	0.4	0	23.4	23.9
H/ACP	13	23.0	23.5	0.5	0	23.9	24.5
ACP/CP	15	22.5	23.0	0.5	0	23.4	24.0
Special Ed., etc.*	29	5.8	5.9	0.1	1	6.0	6.2
Total	109	17.5	17.8	0.3	1	18.2	18.6
Total Minus Special Ed., etc.	80	21.7	22.1	0.4	0	22.6	23.1
World Languages							
H	13	24.1	24.5	0.4	0	25.0	25.6
ACP	47	20.5	20.9	0.4	1	21.3	21.8
CP	0	N/A	N/A	N/A	N/A	N/A	N/A
H/ACP/CP	0	N/A	N/A	N/A	N/A	N/A	N/A
H/ACP	5	19.2	19.6	0.4	0	20.0	20.4
ACP/CP	2	19.0	19.4	0.4	0	19.8	20.2
Special Ed., etc.*	7	1.1	1.2	0.1	0	1.2	1.2
Total	74	19.2	19.6	0.4	1	19.9	20.4
Total Minus Special Ed., etc.	67	21.1	21.5	0.4	1	21.9	22.4
Science							
H	24	23.6	24.0	0.4	0	24.5	25.1
ACP	18	21.4	21.8	0.4	0	22.2	22.8
CP	5	11.6	11.8	0.2	0	12.1	12.3
H/ACP/CP	0	N/A	N/A	N/A	N/A	N/A	N/A
H/ACP	22	23.5	24.0	0.5	0	24.5	25.1
ACP/CP	20	21.7	22.1	0.4	0	22.5	23.0
Special Ed., etc.*	18	4.1	4.2	0.1	0	4.3	4.4
Total	107	19.0	19.4	0.4	0	19.8	20.2
Total Minus Special Ed., etc.	89	22.0	22.5	0.5	0	22.9	23.4
History & Social Science							
H	13	24.6	25.1	0.5	0	25.6	26.2
ACP	15	22.2	22.6	0.4	0	23.1	23.6
CP	4	12.0	12.2	0.2	0	12.5	12.8
H/ACP/CP	16	22.5	22.9	0.4	0	23.4	23.9
H/ACP	14	24.6	25.1	0.5	0	25.5	26.1
ACP/CP	16	22.6	23.0	0.4	0	23.5	24.0
Special Ed., etc.*	14	6.4	6.6	0.2	0	6.7	6.8
Total	92	20.2	20.6	0.4	0	21.0	21.5
Total Minus Special Ed., etc.	78	22.6	23.1	0.5	0	23.5	24.1
Mathematics							
H	17	27.1	27.6	0.5	0	28.1	28.8
ACP	27	23.0	23.4	0.4	1	23.9	24.4
CP	9	12.3	12.6	0.3	0	12.8	13.1
H/ACP/CP	1	19.0	19.4	0.4	0	19.8	20.2
H/ACP	15	25.2	25.7	0.5	0	26.2	26.8
ACP/CP	13	20.2	20.5	0.3	0	21.0	21.4
Special Ed., etc.*	32	8.8	8.9	0.1	1	9.1	9.3
Total	114	18.7	19.1	0.4	2	19.4	19.9
Total Minus Special Ed., etc.	82	22.6	23.0	0.4	2	23.5	24.0

*Includes special education, special program, ELL, MCAS, classroom aides, work study, and independent study courses.

**The table above assumes that future enrollment patterns in departmental courses will mirror enrollment patterns for 2022-2023 and that the future number of sections offered will be the same as 2022-2023. This information is intended for planning purposes only and does not reflect future staffing patterns.

TABLE 36
Classroom Utilization
October 15, 2022

Newton North High School

General Classrooms without Study Halls	N Rooms	Total Possible Blocks	N Blocks Utilized	% Utilized
English	17	119	104	87.4%
World Languages	13	91	80	87.9%
History & Social Science	13	91	85	93.4%
Mathematics	16	112	104	92.9%
Total General Classrooms without Study Halls	59	413	373	90.3%
General Classrooms with Study Halls	N Rooms	Total Possible Blocks	N Blocks Utilized	% Utilized
English	17	119	120	100.8%
World Languages	13	91	89	97.8%
History & Social Science	13	91	89	97.8%
Mathematics	16	112	104	92.9%
Total General Classrooms with Study Halls	59	413	402	97.3%
Specialized Classrooms*	N Rooms	Total Possible Blocks	N Blocks Utilized	% Utilized
Art	4	28	21	75.0%
Business	2	14	9	64.3%
Connections	6	42	27	64.3%
Computer Lab	2	14	7	50.0%
Career and Technical Education	7	49	40	81.6%
English Language Learners	2	14	10	71.4%
Engineering	2	14	9	64.3%
Music	4	28	10	35.7%
Physical Education, Health, and Wellness	8	56	28	50.0%
Science	16	112	96	85.7%
Special Education	17	119	95	79.8%
Theatre Shop	1	7	3	42.9%
Total Specialized Classrooms	71	497	355	71.4%
Total Classroom Utilization with Study Halls	130	910	757	83.2%

*Classrooms not suitable for general scheduling use

WIN blocks: week of 10/13-10/15	N Rooms	Total Possible Blocks	N Blocks Utilized	# Blocks Double Booked	% Utilized
Traditional Classrooms	66	198	198	21	100.0%
Office Space[^]	46	138	39		28.3%
Non Traditional Spaces	11	33	27		81.8%
Auditorium	1	3	1		33.3%
Little Theatre	1	3	3		100.0%
Library	1	3	3		100.0%
Cafeteria	1	3	3		100.0%
Film Lecture Hall	1	3	3		100.0%
College & Career Center	1	3	2		66.7%
Newtonite	1	3	3		100.0%
Art Courtyard	1	3	0		0.0%
International Café	1	3	3		100.0%
Computer Lab	2	6	6		100.0%
Specialized Classrooms	78	234	172		73.5%
Library Classrooms	5	15	3		20.0%
STE Classrooms	20	60	52	1	86.7%
CTEB Classrooms	7	21	15	1	71.4%
FPA Classrooms	10	30	21		70.0%
PEHW Classrooms	5	15	12		80.0%
SpEd Classrooms	27	81	58	2	71.6%
CAPS Classrooms	2	6	5		83.3%
Small Study Rooms	2	6	6		100.0%
Total WIN Utilization (not including offices)	155	465	397	21	85.4%

[^]These are all offices listed in MyFlexLearning, which is not inclusive of all offices at NNHS. Offices are defined as spaces typically only occupied by faculty/staff during non-WIN blocks.

Common Spaces				
Space	Square Footage	N Seats	Largest Cohort	SF/Student
Auditorium	4,900	606	539	9.1
Cafeteria	9,000	476	539	16.7
Competition Gym (Reggie Gym)	12,700	868	539	23.6
Film Lecture Hall	1,320	65	539	2.4
Library	4,818	221	539	8.9
Little Theatre	2,184	185	539	4.1
Simulate Outdoor Area (SOA)	28,470	-	539	52.8

TABLE 37
Classroom Utilization
October 15, 2022

Newton South High School

General Classrooms without Study Halls	N Rooms	Total Possible Blocks	N Blocks Utilized	% Utilized
English	15	105	93	88.6%
World Languages	14	98	92	93.9%
History & Social Science	15	105	81	77.1%
Mathematics	14	98	84	85.7%
Total General Classrooms without Study Halls	58	406	350	86.2%
General Classrooms with Study Halls	N Rooms	Total Possible Blocks	N Blocks Utilized	% Utilized
English	15	105	100	95.2%
World Languages	14	98	95	96.9%
History & Social Science	15	105	85	81.0%
Mathematics	14	98	91	92.9%
Total General Classrooms with Study Halls	58	406	371	91.4%
Specialized Classrooms*	N Rooms	Total Possible Blocks	N Blocks Utilized	% Utilized
All School Programs	2	14	13	92.9%
Art	5	35	29	82.9%
Business	1	7	6	85.7%
English Language Learners	2	14	13	92.9%
Family & Consumer Science	3	21	20	95.2%
History	1	7	7	100.0%
Library	2	14	14	100.0%
Mathematics	2	14	10	71.4%
Music	3	21	10	47.6%
Science	17	119	95	79.8%
Special Education	14	98	58	59.2%
Technical Education	4	28	15	53.6%
Theatre	2	14	4	28.6%
Wellness	6	42	38	90.5%
Total Specialized Classrooms	64	448	332	74.1%
Total Classroom Utilization with Study Halls	122	854	703	82.3%

*Classrooms not suitable for general scheduling use

WIN blocks: week of 10/13-10/15	N Rooms	Total Possible Blocks	N Blocks Utilized	# Blocks Double Booked	% Utilized
Traditional Classrooms	60	180	159	14	88.3%
Office Space^	9	27	15	0	55.6%
Non Traditional Spaces	21	63	44	7	69.8%
Auditorium	1	3	0	0	0.0%
Auditorium Stage	1	3	1	0	33.3%
College and Career Center	1	3	1	0	33.3%
Cutler Commons	1	3	3	0	100.0%
Dance Studio	1	3	3	0	100.0%
Faculty Dining Room	1	3	3	0	100.0%
Field House	1	3	2	2	66.7%
Fitness Center	1	3	3	0	100.0%
Goldrick Commons	1	3	3	2	100.0%
Goodwin Commons	1	3	3	0	100.0%
Gym B	1	3	2	0	66.7%
Lab Theatre	1	3	2	0	66.7%
Lecture Hall	1	3	0	0	0.0%
Legacy Scholars' Study Room	1	3	3	0	100.0%
Library Main Floor	1	3	3	3	100.0%
Math Center	1	3	3	0	100.0%
Principal's Conference Room	1	3	2	0	66.7%
Student Center	1	3	0	0	0.0%
Wheeler Commons	1	3	1	0	33.3%
Writing Center	1	3	3	0	100.0%
Lions' Zen Den	1	3	3	0	100.0%
Specialized Classrooms	60	180	113	13	62.8%
All School Programs	2	6	4	0	66.7%
Business/Family & Consumer Science	4	12	8	3	66.7%
Fice & Performing Arts (Art, Music, Theatre)	10	30	18	0	60.0%
Library	2	6	6	0	100.0%
Mathematics	2	6	3	1	50.0%
Science/Tech Ed	24	72	41	7	56.9%
Special Education	14	42	27	2	64.3%
Wellness	2	6	6	0	100.0%
Total WIN Utilization (not including offices)	141	423	316	34	74.7%

^These are all offices listed in MyFlexLearning, which is not inclusive of all offices at NSHS.

Common Spaces				
Space	Square Footage	N Seats	Largest Cohort	SF/Student
Auditorium	5,200	364	485	10.7
Auditorium Stage	1,482	-	485	3.1
Cafeteria	10,750	400	485	22.2
Cutler Commons	1,290	-	485	2.7
Field House	31,552	2,140	485	65.1
Goldrick Commons	825	-	485	1.7
Goodwin Commons	1,250	-	485	2.6
Gym B	7,500	288	485	15.5
Lab Theatre	2,280	-	485	4.7
Lecture Hall	1,320	96	485	2.7
Library	4,980	236	485	10.3
Wheeler Commons	750	-	485	1.5

APPENDICES

A. STUDENT POPULATION DETAIL

B. RESIDENTIAL PROPERTY DATA

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

D. SCHOOL DISTRICTS AND BUFFER ZONES

E. 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 2022-23 enrollments by race/ethnicity for each school and the district. Table 1B displays the percentage of 2022-23 enrollments by race/ethnicity for each grade level.

**TABLE 1A
ENROLLMENTS BY RACE/ETHNICITY BY SCHOOL
2022-2023**

School	Total Enrollment FY23	Percentage of enrollment						
		African American/Black	American Indian or Alaska Native	Asian	Hispanic or Latino	Multi-Race, Non-Hispanic	Native Hawaiian, Pacific Islander	White
Angier	376	4%	0.0%	16%	6%	10%	0.0%	64%
Bowen	360	4%	0.0%	27%	13%	10%	0.0%	45%
Burr	368	6%	0.0%	24%	14%	9%	0.0%	46%
Cabot	442	5%	0.2%	16%	11%	13%	0.2%	55%
Countryside	372	6%	0.0%	28%	7%	9%	0.0%	50%
Franklin	363	3%	0.0%	17%	12%	9%	0.0%	59%
Horace Mann	357	6%	0.0%	14%	10%	11%	0.0%	60%
Lincoln-Eliot	338	7%	0.0%	20%	19%	10%	0.0%	44%
Mason-Rice	332	1%	0.0%	25%	6%	10%	0.0%	59%
Memorial-Spaulding	397	6%	0.0%	26%	9%	5%	0.0%	54%
Peirce	241	4%	0.0%	15%	11%	10%	0.0%	61%
Underwood	221	9%	0.5%	23%	13%	11%	0.0%	45%
Ward	194	2%	0.0%	14%	6%	8%	0.0%	70%
Williams	231	4%	0.0%	37%	7%	8%	0.0%	45%
Zervas	406	7%	0.5%	28%	10%	11%	0.5%	44%
TOTAL ELEMENTARY	4,998	5%	0.1%	22%	10%	10%	0.1%	53%
Bigelow	445	7%	0.0%	17%	12%	8%	0.0%	57%
Brown	750	4%	0.1%	23%	7%	6%	0.0%	59%
Day	920	5%	0.3%	17%	10%	9%	0.4%	59%
Oak Hill	657	5%	0.0%	24%	11%	7%	0.0%	54%
TOTAL MIDDLE	2,772	5%	0.1%	20%	10%	8%	0.1%	57%
Newton North	2,110	5%	0.1%	15%	12%	7%	0.1%	60%
Newton South	1,837	3%	0.2%	24%	8%	7%	0.1%	58%
TOTAL HIGH SCHOOL	3,947	4%	0.2%	19%	10%	7%	0.1%	59%
GRAND TOTAL	11,717	5%	0.1%	21%	10%	8%	0.1%	56%

**TABLE 1B
ENROLLMENTS BY RACE/ETHNICITY BY GRADE
2022-2023**

Grade	Total Enrollment FY23	Percentage of enrollment							
		African American/Black	American Indian or Alaska Native	Asian	Hispanic or Latino	Multi-Race, Non-Hispanic	Native Hawaiian, Pacific Islander	White	
K	711	6%	0.0%	24%	11%	11%	0.0%	48%	
1	820	3%	0.0%	20%	13%	11%	0.0%	53%	
2	861	6%	0.1%	23%	9%	9%	0.1%	53%	
3	855	4%	0.1%	22%	10%	9%	0.0%	55%	
4	888	5%	0.2%	23%	10%	9%	0.1%	53%	
5	863	6%	0.0%	19%	10%	9%	0.1%	56%	
TOTAL ELEMENTARY	4,998	5%	0.1%	22%	10%	10%	0.1%	53%	
6	899	5%	0.1%	20%	10%	9%	0.1%	57%	
7	878	5%	0.0%	21%	10%	7%	0.1%	57%	
8	995	5%	0.3%	20%	9%	7%	0.2%	58%	
TOTAL MIDDLE	2,772	5%	0.1%	20%	10%	8%	0.1%	57%	
9	975	5%	0.1%	21%	9%	6%	0.0%	59%	
10	995	4%	0.1%	19%	11%	7%	0.2%	59%	
11	950	4%	0.2%	19%	10%	7%	0.1%	60%	
12	1,027	4%	0.2%	19%	10%	7%	0.0%	59%	
TOTAL HIGH	3,947	4%	0.2%	19%	10%	7%	0%	59%	
GRAND TOTAL	11,717	5%	0.1%	21%	10%	8%	0.1%	56%	

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 eligible for free or reduced price lunch based on internal Newton Public Schools data and the percentage of students who are identified as low income by the Department of Elementary and Secondary Education (DESE) for 2021-22 and 2022-23. The DESE low income 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), or have been identified as low income through the supplemental low income data collection process. For 2022-23, the DESE low income indicator by school and grade is 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 LUNCH ELIGIBILITY AND DESE LOW INCOME STATUS
BY SCHOOL
2022-2023**

School	Total Enrollment FY23	Percentage of enrollment					
		Lunch Eligible FY22	Lunch Eligible FY23	% Point Change	DESE Low Income FY22	DESE Low Income FY23*	% Point Change
Angier	376	12%	9%	-3%	7%	9%	2%
Bowen	360	15%	13%	-2%	12%	13%	1%
Burr	368	21%	15%	-6%	13%	15%	2%
Cabot	442	19%	13%	-6%	11%	13%	2%
Countryside	372	18%	12%	-6%	12%	12%	0%
Franklin	363	25%	18%	-7%	15%	18%	3%
Horace Mann	357	24%	19%	-5%	15%	19%	4%
Lincoln-Eliot	338	36%	34%	-2%	30%	32%	2%
Mason-Rice	332	8%	5%	-3%	5%	5%	0%
Memorial-Spaulding	397	15%	10%	-5%	10%	10%	0%
Peirce	241	19%	14%	-5%	9%	14%	5%
Underwood	221	22%	21%	-1%	14%	20%	6%
Ward	194	11%	5%	-6%	4%	5%	1%
Williams	231	13%	13%	0%	7%	13%	6%
Zervas	406	23%	16%	-7%	11%	16%	5%
TOTAL ELEMENTARY	4,998	19%	15%	-4%	12%	14%	2%
Bigelow	445	24%	23%	-1%	17%	22%	5%
Brown	750	13%	9%	-4%	8%	9%	1%
Day	920	17%	15%	-2%	11%	15%	4%
Oak Hill	657	19%	14%	-5%	12%	14%	2%
TOTAL MIDDLE	2,772	17%	15%	-2%	12%	14%	2%
Newton North	2,110	21%	17%	-4%	14%	16%	2%
Newton South	1,837	16%	14%	-2%	12%	14%	2%
TOTAL HIGH SCHOOL	3,947	19%	16%	-3%	13%	15%	2%
GRAND TOTAL	11,717	18%	15%	-3%	12%	15%	3%

*DESE Low Income percentages for FY23 are estimates based on FY23 free and reduced price lunch data.

**TABLE 1D
ENROLLMENTS BY LUNCH ELIGIBILITY AND DESE LOW INCOME STATUS
BY GRADE
2022-2023**

Grade	Total Enrollment FY23	Percentage of enrollment					
		Lunch Eligible FY22	Lunch Eligible FY23	% Point Change	DESE Low Income FY22	DESE Low Income FY23*	% Point Change
K	711	15%	14%	-1%	12%	14%	2%
1	820	28%	14%	-14%	14%	14%	0%
2	861	18%	15%	-3%	12%	15%	3%
3	855	17%	14%	-3%	11%	13%	2%
4	888	19%	15%	-4%	12%	14%	2%
5	863	16%	16%	0%	11%	15%	4%
TOTAL ELEMENTARY	4,998	19%	15%	-4%	12%	14%	2%
6	899	18%	14%	-4%	12%	14%	2%
7	878	17%	16%	-1%	11%	16%	5%
8	995	18%	14%	-4%	11%	13%	2%
TOTAL MIDDLE	2,772	17%	15%	-2%	12%	14%	2%
9	975	17%	16%	-1%	12%	16%	4%
10	995	19%	16%	-3%	13%	15%	2%
11	950	17%	16%	-1%	12%	15%	3%
12	1,027	21%	14%	-7%	14%	14%	0%
TOTAL HIGH	3,947	19%	16%	-3%	13%	15%	2%
GRAND TOTAL	11,717	18%	15%	-3%	12%	15%	3%

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

*DESE Low Income percentages for FY23 are estimates based on FY23 free and reduced price lunch data.

Preschool Enrollment (Table 2)

Table 2 displays preschool enrollment in Newton for 2021-22 and 2022-23. Preschool enrollment as of October 1, 2022 is 186 students, an increase of 5 students from the prior year, which is typical enrollment for October. The majority of current preschool students (63%) are receiving special education services. Table 2A displays the nature of disability for current preschool students.

**TABLE 2
PRESCHOOL STUDENTS
OCTOBER 1, 2021 AND OCTOBER 1, 2022**

Category	2021-22	2022-23	Difference	% Change
Community Peer	73	68	-5	-6.8%
Students Receiving Services	108	118	10	9.3%
TOTAL	181	186	5	2.8%

**TABLE 2A
PRESCHOOL STUDENTS
OCTOBER 1, 2022**

Type of Need	Number of Students
Autism	37
Communication	33
Developmental Delay (ages 3 to 9 only)	37
Emotional	0
Health	4
Intellectual	3
Neurological	3
Physical	0
Sensory/Hard of Hearing or Deaf	1
Sensory/Vision Impairment or Blind	0
Typically Developing/Community Peer	68
TOTAL	186

METCO Enrollment (Table 3)

The number of students participating in the METCO Program in the Newton Public Schools as of October 1, 2022 is 413. Of the 413 students, 49% are enrolled in the elementary schools, 26% are at the middle schools, and 25% are at the high schools.

**TABLE 3
2022-23 METCO ENROLLMENT
BY SCHOOL AND GRADE**

School	Grade						Total
	K	1	2	3	4	5	
Angier	1		2		3	2	8
Bowen	3	3	7	3	4		20
Burr	2		1		4	1	8
Cabot		2	3	2	2	3	12
Countryside	3	1	4	4	4	2	18
Franklin		2	4	1	2	2	11
Horace Mann	1	3	2	3		4	13
Lincoln-Eliot	3	5	3	4	3	2	20
Mason-Rice		2		1	2		5
Memorial-Spaulding	1	1	5	3	3	4	17
Peirce	3	2	2	2			9
Underwood	5	5	5	2	4	2	23
Ward		1		1	1		3
Williams		1	3	1	1	5	11
Zervas	4	3	6	2	3	5	23
Total Elementary	26	31	47	29	36	32	201
Grade level as % of all METCO students							48.7%
				6	7	8	
Bigelow				8	6	12	26
Brown				4	10	8	22
Day				16	8	12	36
Oak Hill				11	10	2	23
Total Middle				39	34	34	107
Grade level as % of all METCO students							25.9%
				9	10	11	12
North High				19	15	13	59
South High				15	15	7	46
Total High				34	30	20	105
Grade level as % of all METCO students							25.4%
Grand Total							413

English Language Learners (Tables 4 and 5)

Table 4 indicates an increase of 116 students, or 17%, in the number of PK-12 students identified as English Language Learners from last year. There are a total of 782 students in the program this year compared to 666 students last year. The English Language Learners population has grown by 466 students, or 147%, since 1990.

**TABLE 4
ENGLISH 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%
2020	639	-130	-16.9%
2021	666	27	4.2%
2022	782	116	17.4%

*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 increased by 64 students from last year and the ELL population at the secondary level (grades 6 -12) has increased by 52 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 18% of the total ELL program enrollment in 2022-23.

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

	2020-21			2021-22			Difference 2020-21 vs. 2021-22				2022-23			Difference 2021-22 vs. 2022-23		
	K-5	6-12	Total	PK-5	6-12	Total	PK-5	6-12	Total		PK-5	6-12	Total	PK-5	6-12	Total
Chinese (All Forms)	101	39	140	115	41	156	14	2	16		128	42	170	13	1	14
Spanish	80	43	123	106	42	148	26	-1	25		113	59	172	7	17	24
Russian	71	9	80	68	6	74	-3	-3	-6		76	17	93	8	11	19
Hebrew	26	18	44	27	16	43	1	-2	-1		34	15	49	7	-1	6
Japanese	38	8	46	32	14	46	-6	6	0		33	20	53	1	6	7
Korean	26	11	37	25	5	30	-1	-6	-7		37	7	44	12	2	14
Portuguese	34	12	46	34	19	53	0	7	7		32	25	57	-2	6	4
Other	94	29	123	86	30	116	-8	1	-7		104	40	144	18	10	28
TOTAL	470	169	639	493	173	666	23	4	27		557	225	782	64	52	116

*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 17.8%. This is an increase of 38 students from last school year. There has been a slight decrease in out of district placements as of October 2022 (108 students vs. 117 students in October 2021 vs. 122 students in October 2020). 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**

October 2022

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	684	44	42	3	6	2	0	0	781	15.6%
Middle	409	39	34	2	24	1	0	0	509	18.2%
High	519	117	101	14	54	12	0	1	818	20.4%
Total	1,612	200	177	19	84	15	0	1	2,108	17.8%

*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 (118) were included in this table, the total Special Education population would be 2,226 (18.6%).

October 2021

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	650	38	35	0	10	0	3	0	736	14.6%
Middle	422	39	29	1	18	1	0	0	510	17.9%
High	507	136	84	18	65	14	0	0	824	20.5%
Total	1,579	213	148	19	93	15	3	0	2,070	17.4%

*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 (109) were included in this table, the total Special Education population would be 2,179 (18.1%).

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

October 2020										
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	661	42	28	1	12	1	1	0	746	14.7%
Middle	445	44	21	2	23	3	0	0	538	18.3%
High	519	155	83	19	58	12	0	1	847	21.0%
Total	1,625	241	132	22	93	16	1	1	2,131	17.7%

*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 (88) were included in this table, the total Special Education population would be 2,219 (18.3%).

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.

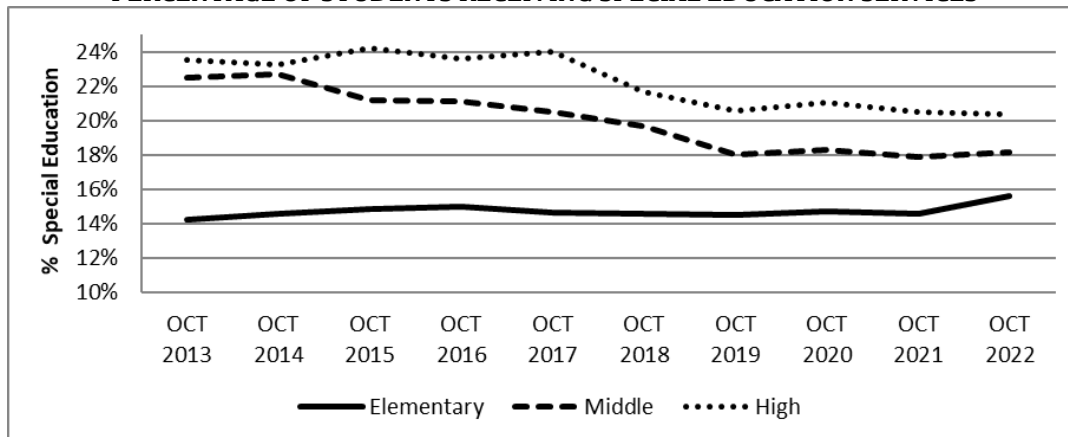
**Pre-school students are not included. If Pre-school students (114) were included in this table, the total Special Education population would be 2,319 (18.1%).

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%).

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 has increased from last year and is currently 646 students.

**TABLE 7
NON-RESIDENT STUDENTS
OCTOBER 1, 2021 AND OCTOBER 1, 2022**

Category	2021-22	2022-23	Difference	% Change
METCO Program Students	408	413	5	1.2%
Tuition-In Students	3	3	0	0.0%
Hearing Impaired (CAPS)	14	20	6	42.9%
Faculty Children	141	144	3	2.1%
Approved to Attend*	52	52	0	0.0%
Foreign Exchange Student	9	14	5	55.6%
TOTAL	627	646	19	3.0%

* 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
Residential Property Sales by District 2005 to 2022***

School District	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Angier	64	60	71	42	50	45	68	58	70	67	78	84	86	75	59	74	113	68
Angier/Williams	6	7	6	6	9	7	7	7	13	8	4	5	5	4	4	6	5	10
Angier/Zervas											25	25	28	22	14	29	37	14
Bowen	172	142	142	128	144	153	134	165	76	95	62	67	91	72	61	69	90	76
Bowen/Mason-Rice	9	9	8	7	6	6	13	15	18	24	9	9	20	18	14	21	29	18
Bowen/Memorial Spaulding									64	65	54	45	48	47	47	34	63	40
Bowen/Ward									10	24	17	11	17	13	16	12	19	13
Burr	65	41	45	39	45	36	54	55	51	60	47	55	63	46	50	46	63	61
Burr/Williams	9	6	6	3	5	5	6	7	12	6	0	0	0	4	11	5	13	7
Cabot	90	76	77	68	48	81	46	91	82	80	78	67	115	92	66	93	98	83
Cabot/Underwood													3	2	1	3	3	4
Countryside	79	55	69	61	50	66	64	70	61	81	109	86	103	98	84	88	122	82
Countryside/Angier	49	45	59	32	39	33	31	42	35	56	0	0	0	0				
Countryside/Bowen	13	12	11	12	14	11	10	5	12	12	13	15	12	8	10	11	24	15
Countryside/Zervas	2	2	1	1	1	1	1	1	2	2	0	0	0	0				
Franklin	62	55	74	45	55	77	66	66	66	97	69	35	43	37	41	36	33	33
Franklin/Burr	5	7	12	8	15	9	5	15	12	17	10	21	8	17	18	16	13	18
Horace Mann	50	43	56	37	38	49	32	52	53	56	41	39	43	65	41	49	74	49
Horace Mann/Cabot											5	1	1	0	0	3	3	4
Horace Mann/Franklin	7	7	4	7	6	9	3	8	4	9	2	12	12	8	9	13	8	5
Horace Mann/Lincoln-Eliot	7	7	11	5	4	4	7	9	13	8	8	7	5	2	4	2	2	3
Lincoln-Eliot	69	77	69	42	43	47	49	62	66	65	59	57	66	63	61	84	105	79
Mason-Rice	65	56	84	69	52	52	50	67	57	71	75	38	49	50	40	60	56	48
Mason-Rice/Ward	15	4	12	11	6	6	4	12	11	12	11	13	17	9	10	14	6	10
Memorial-Spaulding	111	91	92	77	91	100	94	114	98	111	117	108	107	111	104	111	119	86
Memorial-Spaulding/Countryside	3	2	1	3	2	5	4	1	2	4	2	9	14	13	16	13	13	14
Peirce	40	54	59	43	34	39	33	49	47	38	43	45	59	50	41	57	54	45
Peirce/Cabot															9	13	20	12
Peirce/Williams	12	10	9	14	4	10	10	18	13	15	12	8	14	9	14	11	9	11
Underwood	72	65	54	56	56	48	55	76	73	67	76	52	58	59	53	49	69	41
Underwood/Ward	4	0	1	5	0	1	1	2	3	3	2	9	17	7	22	18	27	11
Ward	59	53	56	105	52	40	62	62	54	59	68	62	57	47	52	51	82	40
Williams	35	61	32	21	33	28	31	33	41	41	38	27	57	30	29	32	42	24
Zervas	52	39	52	47	45	45	43	52	46	57	79	79	86	88	57	63	96	55
Zervas/Mason-Rice	1	3	0	1	1	0	2	2	0	1	0	0	0	0	15	22	18	17
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	1,073	1,208	1,528	1,096

*Sales Data for 2022 up through October 31, 2022

APPENDIX B
TABLE 9
Properties listed for sale in Newton, MA by elementary district

School	Single Family					Condo					Multi-Family			TOTAL	% by Type		
	2 Bedroom	3 Bedroom	4 Bedroom	5 Bedroom	6+ Bedroom	1 Bedroom	2 Bedroom	3 Bedroom	4 Bedroom	5+ Bedroom	3 Bedroom	4 Bedroom	5+ Bedroom		Single Family	Condo	Multi-Family
Angier				3	5	5	1	1						15	53%	47%	0%
Angier/Williams				1										1	100%	0%	0%
Angier/Zervas					1			1						2	50%	50%	0%
Bowen			1	1	2		2							6	67%	33%	0%
Bowen/Memorial-Spaulding						1	2	1		1				5	0%	100%	0%
Bowen/Ward				1										1	100%	0%	0%
Burr								1	1					2	0%	100%	0%
Cabot			2		1			2	1					6	50%	50%	0%
Countryside		1			2					1				4	75%	25%	0%
Franklin		1												1	100%	0%	0%
Franklin/Burr												1		1	0%	0%	100%
Horace Mann		2	1	1			1		3	1			1	10	40%	50%	10%
Lincoln-Eliot		1	1	1				2	2					7	43%	57%	0%
Mason-Rice			1	1	1			1		2				6	50%	50%	0%
Memorial-Spaulding			1	5				1						7	86%	14%	0%
Peirce					1									1	100%	0%	0%
Peirce/Williams				1					1	1				3	33%	67%	0%
Underwood					2	1	1		1					5	40%	60%	0%
Underwood/Ward				1										1	100%	0%	0%
Ward						1	1			1				3	0%	100%	0%
Williams				1				1					1	3	33%	33%	33%
Williams/Burr			1					1						2	50%	50%	0%
Zervas				1				4	2					7	14%	86%	0%
Zervas/Mason-Rice				1						1				2	50%	50%	0%
TOTAL	0	5	8	19	15	8	8	16	11	8	0	1	2	101	47%	50%	3%

Last year's property mix 0 9 8 16 12 7 15 11 9 5 0 1 5 98
Difference from last year 0 -4 0 3 3 1 -7 5 2 3 0 0 -3 3

Source: Keller Williams homes for sale in Newton. 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 C

TABLE 10

NESDEC's Projections vs Newton's Projections

**Grades K through 12
Newton's Projections**

Level	FY24 2023-24	FY25 2024-25	FY26 2025-26	FY27 2026-27	FY28 2027-28
Elementary	4,967	4,827	4,790	4,692	4,621
Middle	2,632	2,644	2,607	2,632	2,622
High School	3,994	3,987	3,952	3,865	3,752
Special Education	36	36	36	36	36
Total	11,629	11,494	11,385	11,225	11,031

NESDEC's Projections*

Level	FY24 2023-24	FY25 2024-25	FY26 2025-26	FY27 2026-27	FY28 2027-28
Elementary	4,936	4,770	4,696	4,566	4,490
Middle	2,637	2,655	2,622	2,654	2,631
High School	4,012	4,022	3,996	3,918	3,807
Special Education	41	41	41	41	41
Total	11,626	11,488	11,355	11,179	10,969

Difference

Level	FY24 2023-24	FY25 2024-25	FY26 2025-26	FY27 2026-27	FY28 2027-28
Elementary	31	57	94	126	131
Middle	-5	-11	-15	-22	-9
High School	-18	-35	-44	-53	-55
Special Education	-5	-5	-5	-5	-5
Total	3	6	30	46	62

**Kindergarten Only
Newton's Projections**

Level	FY24 2023-24	FY25 2024-25	FY26 2025-26	FY27 2026-27	FY28 2027-28
Kindergarten	704	617	696	656	688

NESDEC's Projections*

Level	FY24 2023-24	FY25 2024-25	FY26 2025-26	FY27 2026-27	FY28 2027-28
Kindergarten	680	603	675	645	684

Difference

Level	FY24 2023-24	FY25 2024-25	FY26 2025-26	FY27 2026-27	FY28 2027-28
Kindergarten	24	14	21	11	4

*Note: All non-resident students and projected students from new residential developments have been added to NESDEC's projections.

**APPENDIX D
TABLE 11
Elementary Students by District with Buffer Zones
October 2022**

Elementary District	School Attending	K	1	2	3	4	5	Total	Total Students in District including Out-of-Assigned District Students	2022-23 % of District	2022-23 % of Total Students	2021-22 Number of Students	2020-21 Number of Students	2019-20 Number of Students	
Buffer Zones															
ANGIER-WILLIAMS (Student Assignment Change 2015-16) (Zone Boundary Change)	Angier	2	1	2	2	3	1	11		41%	0%	9	6	10	
	Williams	3	2	3	1	3	4	16		59%	0%	13	17	18	
	<i>Subtotal</i>	5	3	5	3	6	5	27	27	100%	1%	22	23	28	
ANGIER-ZERVAS (Student Assignment Change 2015-16) (New Zone)	Angier	1	3	0	6	4	4	18		26%	0%	26	28	38	
	Zervas	11	11	11	10	7	1	51		74%	1%	42	31	26	
	<i>Subtotal</i>	12	14	11	16	11	5	69	71	100%	1%	68	59	64	
BOWEN-COUNTRYSIDE	Bowen	2	1	3	2	4	2	14		35%	0%	13	13	17	
	Countryside	4	5	2	5	5	5	26		65%	1%	23	24	26	
	<i>Subtotal</i>	6	6	5	7	9	7	40	40	100%	1%	36	37	43	
BOWEN-MASON-RICE (Zone Boundary Change 2016-17)	Bowen	5	4	3	6	5	9	32		47%	1%	34	45	54	
	Mason-Rice	4	7	8	3	7	7	36		53%	1%	37	41	55	
	<i>Subtotal</i>	9	11	11	9	12	16	68	77	100%	1%	71	86	109	
BOWEN-MEMORIAL-SPAULDING (Expanded in 2016-17)	Bowen	3	10	3	3	12	4	35		45%	1%	37	31	37	
	Memorial-Spauldning	8	7	6	7	6	9	43		55%	1%	37	40	49	
	<i>Subtotal</i>	11	17	9	10	18	13	78	80	100%	2%	74	71	86	
BOWEN-WARD	Bowen	0	0	1	1	1	0	3		25%	0%	4	10	9	
	Ward	1	2	3	2	1	0	9		75%	0%	7	7	6	
	<i>Subtotal</i>	1	2	4	3	2	0	12	12	100%	0%	11	17	15	
BURR-FRANKLIN (Zone Boundary Change 2018-19)	Burr	8	3	14	5	4	7	41		43%	1%	34	29	19	
	Franklin	3	15	5	9	14	8	54		57%	1%	69	64	78	
	<i>Subtotal</i>	11	18	19	14	18	15	95	99	100%	2%	103	93	97	
BURR-WILLIAMS (Student Assignment Change 2018-19) (Zone Reinstated 2019-20)	Burr	2	1	3	0	0	1	7		16%	0%	8	9	8	
	Williams	6	7	4	7	6	7	37		84%	1%	30	37	51	
	<i>Subtotal</i>	8	8	7	7	6	8	44	47	100%	1%	38	46	59	
CABOT-HORACE MANN (Zone Boundary Change 2018-19)	Cabot	0	0	1	1	0	2	4		50%	0%	2	3	2	
	Horace Mann	0	1	2	0	0	1	4		50%	0%	3	5	5	
	<i>Subtotal</i>	0	1	3	1	0	3	8	8	100%	0%	5	8	7	
CABOT-PEIRCE (New Zone 2020-21)	Cabot	0	1	0	0	0	0	1		3%	0%	0	2		
	Peirce	2	7	4	3	9	7	32		97%	1%	31	29		
	<i>Subtotal</i>	2	8	4	3	9	7	33	33	100%	1%	31	31		
CABOT-UNDERWOOD (New Zone 2018-19)	Cabot	0	1	1	0	1	0	3		43%	0%	3	2	1	
	Underwood	0	2	1	1	0	0	4		57%	0%	8	5	10	
	<i>Subtotal</i>	0	3	2	1	1	0	7	9	100%	0%	11	7	11	
COUNTRYSIDE-MEMORIAL-SPAULDING	Countryside	0	1	0	3	0	2	6		19%	0%	8	7	7	
	Memorial-Spauldning	5	7	1	2	3	8	26		81%	1%	21	25	30	
	<i>Subtotal</i>	5	8	1	5	3	10	32	33	100%	1%	29	32	37	

APPENDIX D
TABLE 11
Elementary Students by District with Buffer Zones
October 2022

Elementary District	School Attending	K	1	2	3	4	5	Total	Total Students in District including Out-of-Assigned District Students	2022-23 % of District	2022-23 % of Total Students	2021-22 Number of Students	2020-21 Number of Students	2019-20 Number of Students
COUNTRYSIDE-ZERVAS (Student Assignment Change 2015-16) (Zone Boundary Change)	Countryside	3	3	0	4	5	2	17		35%	0%	14	13	24
	Zervas	4	3	7	4	9	4	31		65%	1%	25	21	16
	<i>Subtotal</i>	7	6	7	8	14	6	48	48	100%	1%	39	34	40
FRANKLIN-HORACE MANN (Zone Boundary Change 2018-19)	Franklin	4	4	6	8	7	5	34		43%	1%	40	44	60
	Horace Mann	7	2	6	12	8	10	45		57%	1%	40	46	45
	<i>Subtotal</i>	11	6	12	20	15	15	79	81	100%	2%	80	90	105
HORACE MANN-LINCOLN-ELIOT (Zone Boundary Change 2018-19)	Horace Mann	1	0	1	2	1	1	6		75%	0%	5	6	6
	Lincoln-Eliot	0	0	1	0	0	1	2		25%	0%	4	8	6
	<i>Subtotal</i>	1	0	2	2	1	2	8	8	100%	0%	9	14	12
MASON-RICE-WARD	Mason-Rice	3	6	5	1	4	1	20		77%	0%	18	18	18
	Ward	0	2	0	2	1	1	6		23%	0%	10	7	13
	<i>Subtotal</i>	3	8	5	3	5	2	26	30	100%	1%	28	25	31
MASON-RICE-ZERVAS (Zone Eliminated 2015-16) (Zone Reinstated and Modified 2020-21)	Mason-Rice	5	4	2	1	7	3	22		39%	0%	22	25	
	Zervas	7	3	7	4	8	6	35		61%	1%	37	39	
	<i>Subtotal</i>	12	7	9	5	15	9	57	59	100%	1%	59	64	
PEIRCE-WILLIAMS	Peirce	5	7	5	11	6	5	39		64%	1%	40	45	60
	Williams	7	3	2	3	4	3	22		36%	0%	14	18	17
	<i>Subtotal</i>	12	10	7	14	10	8	61	67	100%	1%	54	63	77
UNDERWOOD-WARD (Expanded in 2016-17)	Underwood	6	1	2	6	3	3	21		62%	0%	13	20	28
	Ward	2	3	1	3	3	1	13		38%	0%	17	13	13
	<i>Subtotal</i>	8	4	3	9	6	4	34	41	100%	1%	30	33	41
Total Buffer Zones		124	140	126	140	161	135	826	870	100%	17%	798	833	862

APPENDIX D
TABLE 11
Elementary Students by District with Buffer Zones
October 2022

Elementary District	School Attending	K	1	2	3	4	5	Total	Total Students in District including Out-of-Assigned District Students	2022-23 % of District	2022-23 % of Total Students	2021-22 Number of Students	2020-21 Number of Students	2019-20 Number of Students
Regular Districts														
ANGIER	Angier	39	52	56	59	52	52	310	315	9%	7%	348	345	387
BOWEN	Bowen	34	36	40	44	30	49	233	246	6%	5%	219	208	228
BURR	Burr	45	55	42	59	52	51	304	329	8%	6%	297	281	315
CABOT	Cabot	63	46	69	68	59	53	358	389	10%	8%	332	309	329
COUNTRYSIDE	Countryside	43	45	57	35	44	57	281	298	8%	6%	291	284	309
FRANKLIN	Franklin	33	37	53	40	42	44	249	262	7%	5%	253	228	221
HORACE MANN	Horace Mann	32	46	49	47	45	33	252	279	7%	5%	267	263	268
LINCOLN-ELIOT	Lincoln-Eliot	46	44	59	37	55	46	287	318	8%	6%	264	290	307
MASON-RICE	Mason-Rice	37	28	41	48	30	46	230	233	6%	5%	234	255	298
MEMORIAL-SPAULDING	Memorial-Spaulding	40	71	36	49	50	57	303	315	8%	6%	305	307	354
PEIRCE	Peirce	24	18	22	20	30	22	136	147	4%	3%	131	130	182
UNDERWOOD	Underwood	25	27	33	26	33	20	164	191	5%	3%	174	177	208
WARD	Ward	12	23	35	25	34	22	151	159	4%	3%	165	177	205
WILLIAMS	Williams	21	26	19	27	24	17	134	145	4%	3%	148	150	150
ZERVAS	Zervas	27	45	24	54	41	48	239	248	7%	5%	262	243	334
Total Regular Districts		521	599	635	638	621	617	3,631	3,874	100%	77%	3,690	3,647	4,095
Out-of-Assigned District Students		28	39	47	46	59	68	287			6%	287	319	422
Total Students		673	778	808	824	841	820	4,744	4,744		100%	4,775	4,799	5,379

NOTES:

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

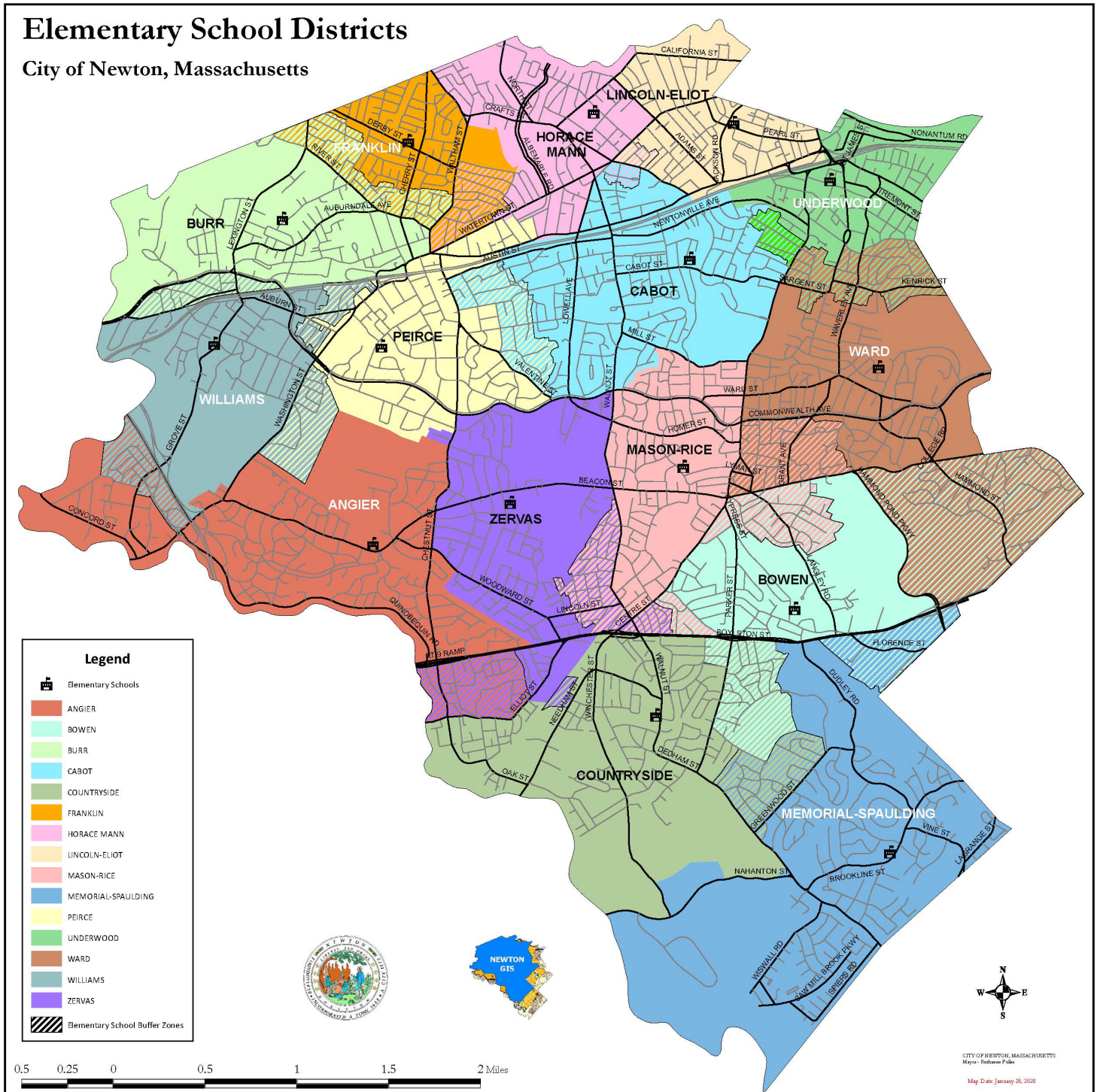
**APPENDIX D
TABLE 12**

Total Enrollment by High School Feeder Patterns

School:	Feeds Into:	Newton North Feeding Schools						Newton South Feeding Schools					
		2022	2023	2024	2025	2026	2027	2022	2023	2024	2025	2026	2027
Lincoln-Eliot	Bigelow	338	336	321	330	322	330						
Underwood	Bigelow	221	228	213	209	196	188						
Ward	Bigelow	194	191	167	156	134	120						
Burr	Day	368	370	363	363	368	370						
Cabot	Day	442	463	472	463	439	444						
Franklin	Day	363	352	332	320	296	281						
Horace Mann	Day	357	360	354	342	336	332						
Peirce	Day	241	238	228	230	232	237						
Angier	Brown							376	375	357	345	336	330
Countryside	Brown							372	367	373	392	394	395
Mason-Rice	Brown	66	64	62	62	58	57	266	257	250	246	232	228
Williams	Brown							231	223	218	231	249	264
Bowen	Oak Hill							360	355	341	335	324	316
Memorial-Spaulding	Oak Hill							397	379	375	373	376	332
Zervas	Oak Hill							406	409	401	393	400	397
Total Elementary		2,590	2,602	2,512	2,475	2,381	2,359	2,408	2,365	2,315	2,315	2,311	2,262
Bigelow	North	445	413	434	457	515	500						
Day	North	920	862	866	856	862	836						
Brown	North (4%); South (96%)	98	92	90	85	85	85	652	617	600	570	568	569
Oak Hill	South							657	648	654	639	602	632
Total Middle School		1,463	1,367	1,390	1,398	1,462	1,421	1,309	1,265	1,254	1,209	1,170	1,201
Newton North		2,110	2,157	2,113	2,033	1,950	1,903						
Newton South								1,837	1,873	1,910	1,955	1,951	1,885
Total All Grade Levels		6,163	6,126	6,015	5,906	5,793	5,683	5,554	5,503	5,479	5,479	5,432	5,348
Change from Prior Year			-37	-111	-109	-113	-110		-51	-24	0	-47	-84
% Change			-0.6%	-1.8%	-1.8%	-1.9%	-1.9%		-0.9%	-0.4%	0.0%	-0.9%	-1.5%
Difference between North and South		273	284	203	78	-1	18						

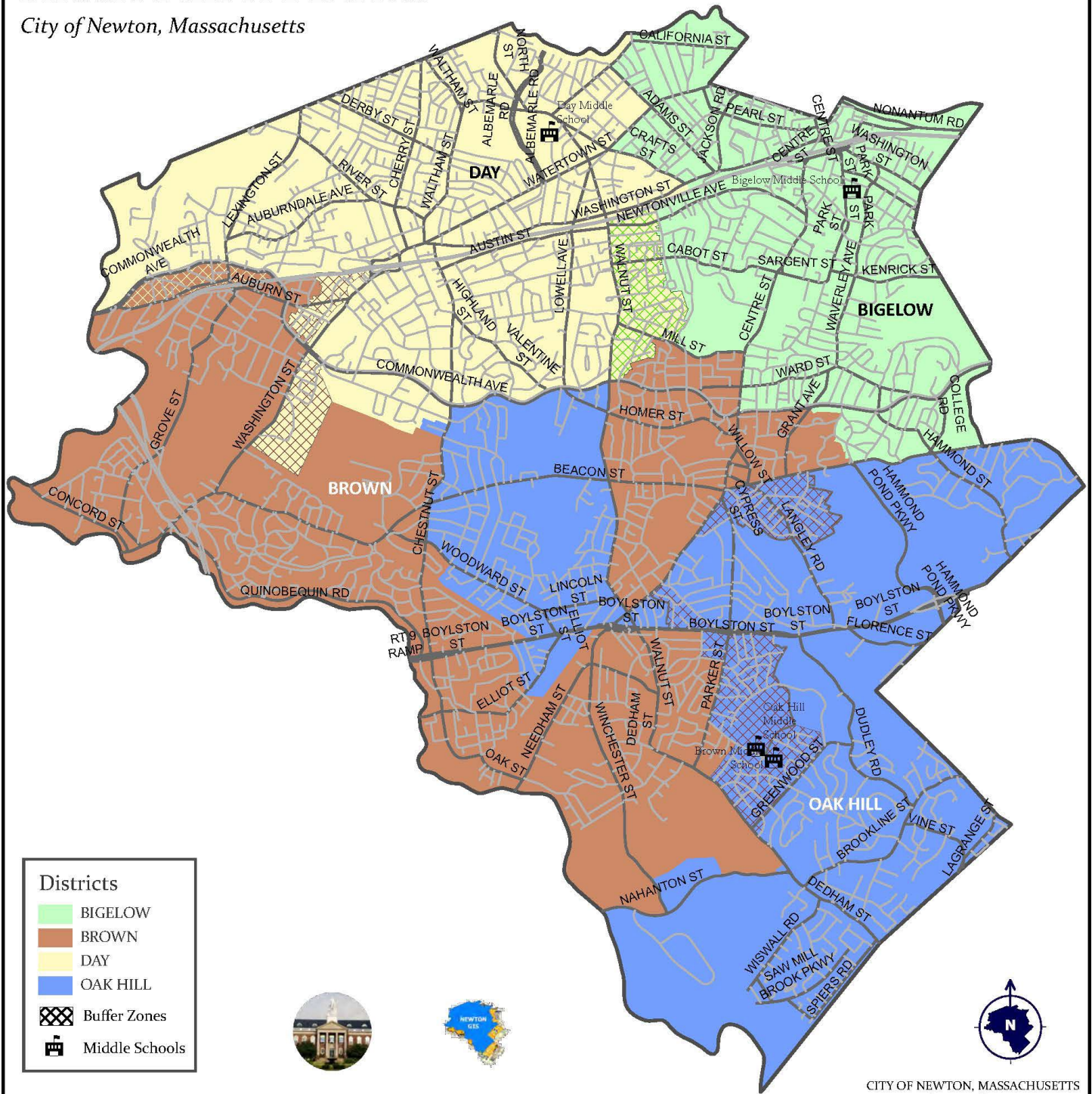
Elementary School Districts

City of Newton, Massachusetts



Middle School Districts

City of Newton, Massachusetts

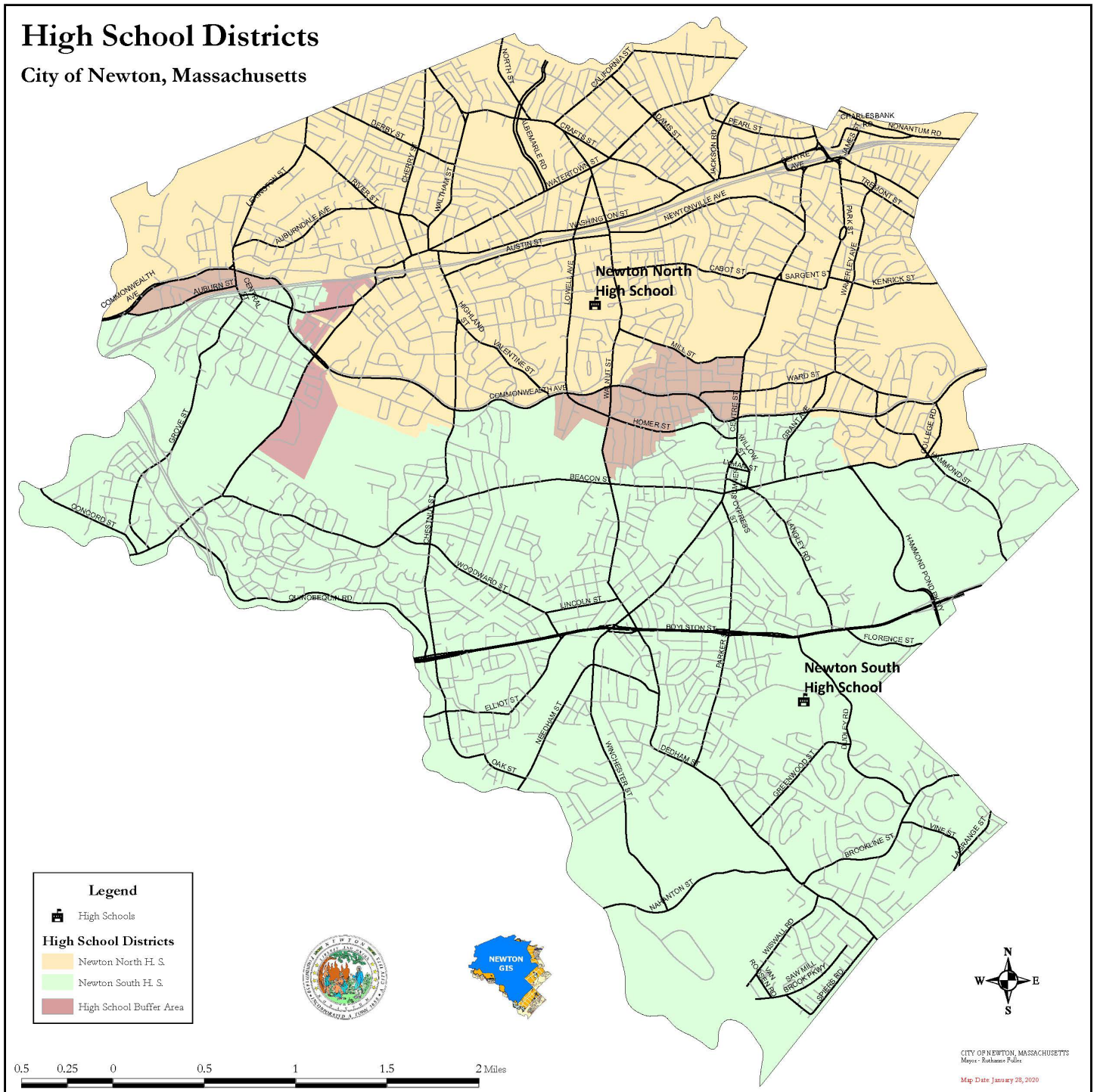


CITY OF NEWTON, MASSACHUSETTS
Mayor - Ruthanne Fuller

Map Date: December 22, 2022

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 also include 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 to the current methodology, 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 2022 calculations are displayed below.

All Occupied buildings	
Average # of bedrooms	1.6762
Average unit SGR	0.2805
Multiplier	0.1673

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 October 2022 is 15%. 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 high 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 (2022 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 (not including those being phased in), we are enrolled at 89% of our development projections (405 students out of 454 projected). On average, our methodology is conservative and projects a larger number of public school students than actually reside in occupied developments (last year, we were enrolled at 86% of our development projections). There is variation across developments as displayed in Table 16.

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 projection 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. 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.

APPENDIX E - Table 14

Estimated Enrollment
of Existing and Proposed
Residential Development

Development Name	First Year/ Year Built	Fully Phased In	Oct-22 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 unit SGR (NPS)	% Affordable	Avg # BRs			
Ablemarle Gardens~	1980		Occupied	N/A															
# Units					0	24	0	0	0	0	0	0	24						
# Students Projected Method 1					0	0	0	0	0	0	0	0	0						
# Students Projected Method 2					0	4	0	0	0	0	0	0	4						
# Students Projected Method 3					0	1	0	0	0	0	0	0	1						
Total # Students - Average of 3 Methods					0	2	0	0	0	0	0	0	2	0.000	0%	1.00	2	0	-2
Less: Private School (12%)					0	0	0	0	0	0	0	0	0						
Total impact on districted schools					0	2	0	0	0	0	0	0	2						
175 Adams Street	1976		Occupied	N/A															
# Units					1	22	8	0	0	0	0	0	31						
# Students Projected Method 1					0	0	2	0	0	0	0	0	2						
# Students Projected Method 2					0	5	2	0	0	0	0	0	6						
# Students Projected Method 3					0	1	3	0	0	0	0	0	4						
Total # Students - Average of 3 Methods					0	2	2	0	0	0	0	0	4	0.226	0%	1.23	4	7	3
Less: Private School (12%)					0	0	0	0	0	0	0	0	0						
Total impact on districted schools					0	2	2	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	23	33	14	0	8	11	5	93						
# Students Projected Method 3					0	4	66	13	0	1	22	4	110						
Total # Students - Average of 3 Methods					0	9	40	21	0	3	22	17	112	0.310	25%	1.88	98	91	-7
Less: Private School (12%)					0	-1	-5	-3	0	0	-3	-2	-14						
Total impact on districted schools					0	8	35	18	0	3	19	15	98						
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	9	31	12	0	3	8	3	68						
# Students Projected Method 3					0	2	63	11	0	0	17	3	96						
Total # Students - Average of 3 Methods					1	4	38	18	0	1	17	10	89	0.358	21%	2.00	79	73	-6
Less: Private School (12%)					0	0	-5	-2	0	0	-2	-1	-10						
Total impact on districted schools					1	4	33	16	0	1	15	9	79						
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	16	21	2	0	4	5	1	49						
# Students Projected Method 3					0	3	43	2	0	1	11	0	60						
Total # Students - Average of 3 Methods					0	6	27	3	0	2	12	2	52	0.244	20%	1.63	47	44	-3
Less: Private School (12%)					0	-1	-3	0	0	0	-1	0	-5						
Total impact on districted schools					0	5	24	3	0	2	11	2	47						

~Building is omitted from calculations in Method 2 due to low actual SGR.

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					Studio	1BR-M	2BR-M	3BR-M	St-A	1BR-A	2BR-A	3BR-A		Avg unit SGR (NPS)	% Affordable	Avg # BRs			
77 Beaconwood Road~	1986		Occupied	N/A															
# Units					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	3	1	0	0	0	0	0	4						
# Students Projected Method 3					0	1	1	0	0	0	0	0	2						
Total # Students - Average of 3 Methods					0	1	1	0	0	0	0	0	2	0.000	0%	1.14	2	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						
457 Centre Street~	1958		Occupied	N/A															
# Units					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	3	1	0	0	0	0	0	5						
# Students Projected Method 3					0	1	2	0	0	0	0	0	3						
Total # Students - Average of 3 Methods					0	1	1	0	0	0	0	0	2	0.000	0%	1.12	2	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	1948		Occupied	N/A															
# Units					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	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	0.368	0%	1.95	6	7	1
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						
The Chestnut Hill Apartments~	1880		Occupied	N/A															
# Units					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	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%	1.07	3	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	1975		Occupied	N/A															
# Units					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	15	0	0	0	0	0	17						
# Students Projected Method 3					0	0	31	0	0	0	0	0	31						
Total # Students - Average of 3 Methods					0	1	19	0	0	0	0	0	20	0.481	0%	1.89	18	26	8
Less: Private School (12%)					0	0	-2	0	0	0	0	0	-2						
Total impact on districted schools					0	1	17	0	0	0	0	0	18						

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					Studio	1BR-M	2BR-M	3BR-M	St-A	1BR-A	2BR-A	3BR-A		Avg unit SGR (NPS)	% Affordable	Avg # BRs			
2340 Commonwealth	1970		Occupied	N/A															
# Units					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	6	8	0	0	0	0	0	15						
# Students Projected Method 3					0	1	17	0	0	0	0	0	18						
Total # Students - Average of 3 Methods					0	2	11	0	0	0	0	0	13	0.446	0%	1.57	12	25	13
Less: Private School (12%)					0	0	-1	0	0	0	0	0	-1						
Total impact on districted schools					0	2	10	0	0	0	0	0	12						
Concord Street Apartments	1974		Occupied	N/A															
# Units					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					0	3	4	0	0	0	0	0	7						
# Students Projected Method 3					0	1	8	0	0	0	0	0	9						
Total # Students - Average of 3 Methods					0	1	5	0	0	0	0	0	6	0.133	0%	1.47	5	4	-1
Less: Private School (12%)					0	0	-1	0	0	0	0	0	-1						
Total impact on districted schools					0	1	4	0	0	0	0	0	5						
Court Street, 75-83	2016		Occupied	N/A															
# 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	15	1	0	0	4	0	21						
Total # Students - Average of 3 Methods					0	0	9	1	0	0	4	1	15	0.139	22%	1.97	14	5	-9
Less: Private School (12%)					0	0	-1	0	0	0	0	0	-1						
Total impact on districted schools					0	0	8	1	0	0	4	1	14						
Curtis Arms Apartments	1969		Occupied	N/A															
# Units					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	15	0	0	0	0	0	15						
# Students Projected Method 3					0	0	30	0	0	0	0	0	30						
Total # Students - Average of 3 Methods					0	0	18	0	0	0	0	0	18	0.477	0%	2.00	16	21	5
Less: Private School (12%)					0	0	-2	0	0	0	0	0	-2						
Total impact on districted schools					0	0	16	0	0	0	0	0	16						
Farwell Street Apartments	1983		Occupied	N/A															
# Units					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	8	0	0	0	0	0	8						
# Students Projected Method 3					0	0	16	0	0	0	0	0	16						
Total # Students - Average of 3 Methods					0	0	9	0	0	0	0	0	9	0.391	0%	2.00	8	9	1
Less: Private School (12%)					0	0	-1	0	0	0	0	0	-1						
Total impact on districted schools					0	0	8	0	0	0	0	0	8						

~Building is omitted from calculations in Method 2 due to low actual SGR.

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					Studio	1BR-M	2BR-M	3BR-M	St-A	1BR-A	2BR-A	3BR-A		Avg unit SGR (NPS)	% Affordable	Avg # BRs				
Florence Park Apartments	1995		Occupied	N/A																
# Units					1	14	4	0	0	0	0	0	0	19	0.158	0%	1.16	2	3	1
# Students Projected Method 1					0	0	1	0	0	0	0	0	0	1						
# Students Projected Method 2					0	3	1	0	0	0	0	0	0	4						
# Students Projected Method 3					0	0	1	0	0	0	0	0	0	2						
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							
Grove Street, 264-290	1975		Occupied	N/A																
# Units					16	30	80	0	0	0	0	0	0	126	0.270	0%	1.51	28	34	6
# Students Projected Method 1					0	0	17	0	0	0	0	0	0	17						
# Students Projected Method 2					4	8	20	0	0	0	0	0	0	32						
# Students Projected Method 3					1	1	41	0	0	0	0	0	0	43						
Total # Students - Average of 3 Methods					2	3	26	0	0	0	0	0	31							
Less: Private School (12%)					0	0	-3	0	0	0	0	0	-3							
Total impact on districted schools					2	3	23	0	0	0	0	0	28							
17 Herrick Road~	1930		Occupied	N/A																
# Units					0	15	5	6	0	0	0	0	0	26	0.154	0%	1.65	7	4	-3
# Students Projected Method 1					0	0	1	5	0	0	0	0	0	6						
# Students Projected Method 2					0	4	1	2	0	0	0	0	0	7						
# Students Projected Method 3					0	1	3	1	0	0	0	0	0	5						
Total # Students - Average of 3 Methods					0	2	2	3	0	0	0	0	7							
Less: Private School (12%)					0	0	0	0	0	0	0	0	0							
Total impact on districted schools					0	2	2	3	0	0	0	0	7							
392-396 Langley	1970		Occupied	N/A																
# Units					2	13	15	0	0	0	0	0	0	30	0.333	0%	1.43	5	10	5
# Students Projected Method 1					0	0	3	0	0	0	0	0	0	3						
# Students Projected Method 2					0	3	4	0	0	0	0	0	0	7						
# Students Projected Method 3					0	1	7	0	0	0	0	0	0	8						
Total # Students - Average of 3 Methods					0	1	5	0	0	0	0	0	6							
Less: Private School (12%)					0	0	-1	0	0	0	0	0	-1							
Total impact on districted schools					0	1	4	0	0	0	0	0	5							
402-404 Langley	1986		Occupied	N/A																
# Units					0	1	15	0	0	0	0	0	0	16	0.250	0%	1.94	5	4	-1
# Students Projected Method 1					0	0	3	0	0	0	0	0	0	3						
# Students Projected Method 2					0	0	5	0	0	0	0	0	0	5						
# Students Projected Method 3					0	0	9	0	0	0	0	0	0	9						
Total # Students - Average of 3 Methods					0	0	6	0	0	0	0	0	6							
Less: Private School (12%)					0	0	-1	0	0	0	0	0	-1							
Total impact on districted schools					0	0	5	0	0	0	0	0	5							

~Building is omitted from calculations in Method 2 due to low actual SGR.

APPENDIX E - Table 14

Estimated Enrollment
of Existing and Proposed
Residential Development

Development Name	First Year/ Year Built	Fully Phased In	Oct-22 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 unit SGR (NPS)	% Affordable	Avg # BRs				
89 Lexington Street	1970		Occupied	N/A																
# Units					2	4	12	0	0	0	0	0	0	18	0.222	0%	1.56	4	4	0
# Students Projected Method 1					0	0	3	0	0	0	0	0	3							
# Students Projected Method 2					1	1	3	0	0	0	0	0	5							
# Students Projected Method 3					0	0	6	0	0	0	0	0	6							
Total # Students - Average of 3 Methods					0	0	4	0	0	0	0	0	4							
Less: Private School (12%)					0	0	0	0	0	0	0	0	0							
Total impact on districted schools					0	0	4	0	0	0	0	0	4							
145 Lexington Street	1990		Occupied	N/A																
# Units					0	6	18	0	0	0	0	0	24	0.250	0%	1.75	7	6	-1	
# Students Projected Method 1					0	0	4	0	0	0	0	0	4							
# Students Projected Method 2					0	2	5	0	0	0	0	0	7							
# Students Projected Method 3					0	0	11	0	0	0	0	0	11							
Total # Students - Average of 3 Methods					0	1	7	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	1	6	0	0	0	0	0	7							
155 Lexington Street	1970		Occupied	N/A																
# Units					2	22	28	0	0	0	0	0	52	0.115	0%	1.50	10	6	-4	
# Students Projected Method 1					0	0	6	0	0	0	0	0	6							
# Students Projected Method 2					1	6	7	0	0	0	0	0	14							
# Students Projected Method 3					0	1	14	0	0	0	0	0	15							
Total # Students - Average of 3 Methods					0	2	9	0	0	0	0	0	11							
Less: Private School (12%)					0	0	-1	0	0	0	0	0	-1							
Total impact on districted schools					0	2	8	0	0	0	0	0	10							
181 Lexington Street~	1970		Occupied	N/A																
# Units					2	16	12	0	0	0	0	0	30	0.033	0%	1.33	5	1	-4	
# Students Projected Method 1					0	0	3	0	0	0	0	0	3							
# Students Projected Method 2					0	4	3	0	0	0	0	0	7							
# Students Projected Method 3					0	1	5	0	0	0	0	0	6							
Total # Students - Average of 3 Methods					0	1	4	0	0	0	0	0	5							
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							
199 Lexington Street~	1978		Occupied	N/A																
# Units					0	14	6	0	0	0	0	0	20	0.050	0%	1.30	3	1	-2	
# 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	1	3	0	0	0	0	0	4							
Total # Students - Average of 3 Methods					0	1	2	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	1	2	0	0	0	0	0	3							

~Building is omitted from calculations in Method 2 due to low actual SGR.

APPENDIX E - Table 14

Estimated Enrollment
of Existing and Proposed
Residential Development

Development Name	First Year/ Year Built	Fully Phased In	Oct-22 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 unit SGR (NPS)	% Affordable	Avg # BRs			
8-14 Mt Ida Street~	1938		Occupied	N/A															
# Units					0	11	5	0	0	0	0	0	16						
# Students Projected Method 1					0	0	1	0	0	0	0	0	1						
# Students Projected Method 2					0	2	1	0	0	0	0	0	4						
# Students Projected Method 3					0	0	2	0	0	0	0	0	2						
Total # Students - Average of 3 Methods					0	1	1	0	0	0	0	0	2	0.000	0%	1.31	2	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						
129 North Street	1975		Occupied	N/A															
# Units					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	11	12	0	0	0	0	0	23						
# Students Projected Method 3					0	2	24	0	0	0	0	0	26						
Total # Students - Average of 3 Methods					0	4	16	0	0	0	0	0	20	0.205	0%	1.53	18	18	0
Less: Private School (12%)					0	0	-2	0	0	0	0	0	-2						
Total impact on districted schools					0	4	14	0	0	0	0	0	18						
40 Park Street	1945		Occupied	N/A															
# Units					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	2	2	0	0	0	0	0	5						
# Students Projected Method 3					0	0	5	0	0	0	0	0	5						
Total # Students - Average of 3 Methods					0	1	3	0	0	0	0	0	4	0.160	0%	1.32	4	4	0
Less: Private School (12%)					0	0	0	0	0	0	0	0	0						
Total impact on districted schools					0	1	3	0	0	0	0	0	4						
230 Walnut Street~	1930		Occupied	N/A															
# Units					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	7						
# Students Projected Method 3					0	1	2	0	0	0	0	0	3						
Total # Students - Average of 3 Methods					1	2	2	0	0	0	0	0	5	0.087	0%	0.93	5	4	-1
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~	1920		Occupied	N/A															
# Units					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	0	0	0	0	0	0	2						
# 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	0.000	0%	0.72	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						

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APPENDIX E - Table 14

Estimated Enrollment
of Existing and Proposed
Residential Development

Development Name	First Year/ Year Built	Fully Phased In	Oct-22 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 unit SGR (NPS)	% Affordable	Avg # BRs			
Wesbrook Apartments~	1947		Occupied	N/A															
# Units					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	8						
# Students Projected Method 3					0	1	7	0	0	0	0	0	8						
Total # Students - Average of 3 Methods					0	2	5	0	0	0	0	0	7	0.000	0%	1.43	6	0	-6
Less: Private School (12%)					0	0	-1	0	0	0	0	-1							
Total impact on districted schools					0	2	4	0	0	0	0	6							
55 Wyman Street	1945		Occupied	N/A															
# Units					0	0	15	0	0	0	0	0	15						
# Students Projected Method 1					0	0	3	0	0	0	0	0	3						
# Students Projected Method 2					0	0	5	0	0	0	0	0	5						
# Students Projected Method 3					0	0	10	0	0	0	0	0	10						
Total # Students - Average of 3 Methods					0	0	6	0	0	0	0	0	6	0.200	0%	2.00	5	3	-2
Less: Private School (12%)					0	0	-1	0	0	0	0	-1							
Total impact on districted schools					0	0	5	0	0	0	0	5							
Kessler Woods	2018		Occupied	N/A															
# 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	8	12	0	0	1	2	0	23						
# Students Projected Method 3					0	1	25	0	0	0	4	0	30						
Total # Students - Average of 3 Methods					0	3	16	0	0	0	5	0	24	0.091	15%	1.61	21	8	-13
Less: Private School (12%)					0	0	-2	0	0	0	-1	-3							
Total impact on districted schools					0	3	14	0	0	0	4	0	21						
Austin Street	2019	2024	Phase in	17															
# 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	8	0	0	2	3	0	19						
# Students Projected Method 3					0	1	16	0	0	0	5	0	22						
Total # Students - Average of 3 Methods					0	2	10	0	0	1	6	0	19	0.176	25%	1.57	17	12	-5
Less: Private School (12%)					0	0	-1	0	0	0	-1	-2							
Total impact on districted schools					0	2	9	0	0	1	5	0	17						
400 Langley Road	2020	2025	Phase in	1															
# Units					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	0.100	20%	0.95	1	2	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						

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APPENDIX E - Table 14

Estimated Enrollment
of Existing and Proposed
Residential Development

Development Name	First Year/ Year Built	Fully Phased In	Oct-22 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 unit SGR (NPS)	% Affordable	Avg # BRs			
Trio Newton (Washington Place)	2020	2025	Phase in	26															
# Units					11	55	48	5	2	10	8	1	140	0.064	15%	1.39	26	9	-17
# Students Projected Method 1					0	0	10	4	0	0	8	3	25						
# Students Projected Method 2					3	13	11	1	0	2	2	0	32						
# Students Projected Method 3					1	2	23	1	0	0	4	0	31						
Total # Students - Average of 3 Methods					1	5	15	2	0	1	5	1	30						
Less: Private School (12%)					0	-1	-2	0	0	0	-1	0	-4						
Total impact on districted schools					1	4	13	2	0	1	4	1	26						
68 Los Angeles Street	2021	2026	Phase in	9															
# Units					0	0	11	6	0	1	1	1	20	0.050	15%	2.30	9	1	-8
# Students Projected Method 1					0	0	2	5	0	0	1	3	11						
# Students Projected Method 2					0	0	4	2	0	0	0	0	6						
# Students Projected Method 3					0	0	9	2	0	0	1	0	12						
Total # Students - Average of 3 Methods					0	0	5	3	0	0	1	1	10						
Less: Private School (12%)					0	0	-1	0	0	0	0	0	-1						
Total impact on districted schools					0	0	4	3	0	0	1	1	9						
429 Cherry Street	2021	2026	Phase in	6															
# Units					0	1	10	0	0	0	3	0	14	0.071	21%	1.93	6	1	-5
# 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						
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						
20 Kinmonth Road	2022	2027	Construction	6															
# Units					0	11	8	1	0	2	1	1	24	0.000	17%	1.54	6	0	-6
# Students Projected Method 1					0	0	2	1	0	0	1	3	7						
# Students Projected Method 2					0	3	2	0	0	1	0	0	6						
# Students Projected Method 3					0	0	4	0	0	0	1	0	5						
Total # Students - Average of 3 Methods					0	1	3	0	0	0	1	1	6						
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	1	6						
39 Herrick Road	2023	2028	Construction	4										Est.					
# Units					0	1	7	0	0	0	1	0	9	0.444	11%	1.89	4	-	-
# Students Projected Method 1					0	0	2	0	0	0	1	0	3						
# Students Projected Method 2					0	0	2	0	0	0	0	0	2						
# Students Projected Method 3					0	0	4	0	0	0	1	0	5						
Total # Students - Average of 3 Methods					0	0	3	0	0	0	1	0	4						
Less: Private School (12%)					0	0	0	0	0	0	0	0	0						
Total impact on districted schools					0	0	3	0	0	0	1	0	4						

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APPENDIX E - Table 14

Estimated Enrollment
of Existing and Proposed
Residential Development

Development Name	First Year/ Year Built	Fully Phased In	Oct-22 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 unit SGR (NPS)	% Affordable	Avg # BRs			
15-21 Lexington Street	2023	2028	Construction	2										Est.					
# Units					3	10	6	0	1	3	1	0	24	0.083	21%	1.13	2	-	-
# Students Projected Method 1					0	0	1	0	0	0	1	0	2						
# Students Projected Method 2					1	2	1	0	0	1	0	0	5						
# Students Projected Method 3					0	0	2	0	0	0	0	0	2						
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						
15 Riverdale Avenue (Residences on the Charles)	2023	2028	Construction	45										Est.					
# Units					15	65	56	17	5	22	18	6	204	0.221	25%	1.49	45	-	-
# Students Projected Method 1					4	0	12	14	0	0	18	17	61						
# Students Projected Method 2					4	16	14	4	1	5	4	1	49						
# Students Projected Method 3					1	3	28	4	0	1	9	1	47						
Total # Students - Average of 3 Methods					2	6	18	7	0	2	10	6	51						
Less: Private School (12%)					0	-1	-2	-1	0	0	-1	-1	-6						
Total impact on districted schools					2	5	16	6	0	2	9	5	45						
967 Washington Street	2023	2028	Special Permit	11										Est.					
# Units					0	1	22	0	0	0	5	0	28	0.393	18%	1.96	11	-	-
# Students Projected Method 1					0	0	5	0	0	0	5	0	10						
# Students Projected Method 2					0	0	7	0	0	0	2	0	9						
# Students Projected Method 3					0	0	15	0	0	0	3	0	18						
Total # Students - Average of 3 Methods					0	0	9	0	0	0	3	0	12						
Less: Private School (12%)					0	0	-1	0	0	0	0	0	-1						
Total impact on districted schools					0	0	8	0	0	0	3	0	11						
Melrose Street, 283	2024	2029	Construction	4										Est.					
# Units					0	4	10	0	0	1	1	0	16	0.250	13%	1.69	4	-	-
# Students Projected Method 1					0	0	2	0	0	0	1	0	3						
# Students Projected Method 2					0	1	3	0	0	0	0	0	4						
# Students Projected Method 3					0	0	5	0	0	0	1	0	6						
Total # Students - Average of 3 Methods					0	0	3	0	0	0	1	0	4						
Less: Private School (12%)					0	0	0	0	0	0	0	0	0						
Total impact on districted schools					0	0	3	0	0	0	1	0	4						
1114 Beacon Street	2024	2029	Pre-Construction	9										Est.					
# Units					0	14	14	0	0	2	3	1	34	0.265	18%	1.56	9	-	-
# Students Projected Method 1					0	0	3	0	0	0	3	3	9						
# Students Projected Method 2					0	4	4	0	0	1	1	0	10						
# Students Projected Method 3					0	1	7	0	0	0	2	0	10						
Total # Students - Average of 3 Methods					0	2	5	0	0	0	2	1	10						
Less: Private School (12%)					0	0	-1	0	0	0	0	0	-1						
Total impact on districted schools					0	2	4	0	0	0	2	1	9						

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Estimated Enrollment
of Existing and Proposed
Residential Development

Development Name	First Year/ Year Built	Fully Phased In	Oct-22 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 unit SGR (NPS)	% Affordable	Avg # BRs			
32-34 Dunstan Street (Dunstan East)	2024	2029	Pre-Construction	62										Est.					
# Units					14	123	64	25	5	42	21	8	302	0.205	25%	1.44	62	-	-
# Students Projected Method 1					0	0	14	20	0	21	22	77							
# Students Projected Method 2					3	30	15	6	1	10	5	2	72						
# Students Projected Method 3					1	5	31	5	0	2	10	2	56						
Total # Students - Average of 3 Methods					1	12	20	10	0	4	12	9	68						
Less: Private School (12%)					0	-1	-2	-1	0	0	-1	-1	-6						
Total impact on districted schools					1	11	18	9	0	4	11	8	62						
Northland (Needham Street)	2024	2029	Pre-Construction	152										Est.					
# Units					68	303	272	34	12	57	48	6	800	0.190	15%	1.40	152	-	-
# Students Projected Method 1					0	0	58	27	0	0	49	17	151						
# Students Projected Method 2					16	71	64	8	3	13	11	1	187						
# Students Projected Method 3					5	12	129	7	1	2	23	1	180						
Total # Students - Average of 3 Methods					7	28	84	14	1	5	28	6	173						
Less: Private School (12%)					-1	-3	-10	-2	0	-1	-3	-1	-21						
Total impact on districted schools					6	25	74	12	1	4	25	5	152						
383 Boylston/50 Jackson	2024	2029	Special Permit	9										Est.					
# Units					0	0	3	7	0	0	0	2	12	0.750	17%	2.75	9	-	-
# Students Projected Method 1					0	0	1	6	0	0	0	6	13						
# Students Projected Method 2					0	0	1	3	0	0	0	1	5						
# Students Projected Method 3					0	0	3	3	0	0	0	1	7						
Total # Students - Average of 3 Methods					0	0	2	4	0	0	0	3	9						
Less: Private School (12%)					0	0	0	0	0	0	0	0	0						
Total impact on districted schools					0	0	2	4	0	0	0	3	9						
Riverside Station	2025	2030	Pre-Construction	102										Est.					
# Units					23	249	176	20	4	42	32	4	550	0.185	15%	1.42	102	-	-
# Students Projected Method 1					0	0	38	16	0	0	33	11	98						
# Students Projected Method 2					5	59	42	5	1	10	8	1	131						
# Students Projected Method 3					2	10	85	4	0	2	15	1	119						
Total # Students - Average of 3 Methods					2	23	55	8	0	4	19	4	115						
Less: Private School (12%)					0	-3	-7	-1	0	0	-2	0	-13						
Total impact on districted schools					2	20	48	7	0	4	17	4	102						

~Building is omitted from calculations in Method 2 due to low actual SGR.

APPENDIX E - Table 15

Actual Enrollment
for Existing Complexes

Development Name	First Year/ Year Built	#NPS Students Enrolled:								Actual to Estimated Comparison	
		Level	Oct-18 #	Oct-19 #	Oct-20 #	Oct-21 #	Oct-22 #	Avg. #	%	Estimated #	Actual to Estimated Diff.
Ablemarle Gardens		<i>1980</i>									
ES District: Horace Mann		ES	0	0	0	0	0	0	N/A	1	-1
MS District: Day		MS	0	0	0	0	0	0	N/A	1	-1
HS District: North		HS	0	0	0	0	0	0	N/A	0	0
		Total	0	0	0	0	0	0	N/A	2	-2
175 Adams Street		<i>1976</i>									
ES District: Lincoln-Eliot		ES	4	2	3	3	3	3	43%	2	1
MS District: Bigelow		MS	0	3	2	3	0	2	29%	1	1
HS District: North		HS	2	1	2	1	3	2	29%	1	1
		Total	6	6	7	7	6	7	100%	4	3
Avalon at Newton Highlands		<i>2000</i>									
ES District: Countryside/Zervas		ES	44	43	33	41	47	42	46%	48	-6
MS District: Brown/Oak Hill		MS	26	26	19	15	19	21	23%	25	-4
HS District: South		HS	32	26	27	27	29	28	31%	25	3
		Total	102	95	79	83	95	91	100%	98	-7
Avalon at Chestnut Hill		<i>2002</i>									
ES District: Bowen/Memorial-Spaulding		ES	39	32	28	30	31	32	44%	39	-7
MS District: Oak Hill		MS	18	13	13	18	19	16	22%	20	-4
HS District: South		HS	25	28	25	25	20	25	34%	20	5
		Total	82	73	66	73	70	73	100%	79	-6
Arborpoint Woodland Station		<i>2004</i>									
ES District: Peirce/Williams		ES	24	24	25	18	23	23	52%	23	0
MS District: Day/Brown		MS	6	8	11	9	11	9	20%	12	-3
HS District: North/South		HS	16	16	14	8	5	12	27%	12	0
		Total	46	48	50	35	39	44	100%	47	-3
77 Beaconwood Road		<i>1986</i>									
ES District: Zervas		ES	0	0	0	0	0	0	N/A	1	-1
MS District: Oak Hill		MS	0	0	0	0	0	0	N/A	0	0
HS District: South		HS	0	0	0	0	0	0	N/A	1	-1
		Total	0	0	0	0	0	0	N/A	2	-2
457 Centre Street*		<i>1958</i>									
ES District: Underwood		ES	0	0	0	0	0	0	N/A	1	-1
MS District: Bigelow		MS	0	0	0	0	0	0	N/A	0	0
HS District: North		HS	0	0	0	0	0	0	N/A	1	-1
		Total	0	0	0	0	0	0	N/A	2	-2

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		Level	Oct-18 #	Oct-19 #	Oct-20 #	Oct-21 #	Oct-22 #	Avg. #	%	Estimated #	Actual to Estimated Diff.	
5 Charlesbank Road	1948											
ES District: Underwood		ES	5	6	7	5	4	5	71%	3	2	
MS District: Bigelow		MS	0	0	1	2	1	1	14%	1	0	
HS District: North		HS	1	1	1	0	1	1	14%	2	-1	
		Total	6	7	9	7	6	7	100%	6	1	
The Chestnut Hill Apartments*	1880											
ES District: Ward		ES	0	2	0	0	0	0	N/A	2	-2	
MS District: Bigelow		MS	0	0	0	0	0	0	N/A	0	0	
HS District: North		HS	0	0	0	0	0	0	N/A	1	-1	
		Total	0	2	0	0	0	0	N/A	3	-3	
2300 Commonwealth	1975											
ES District: Williams/Burr		ES	23	18	18	10	9	16	62%	8	8	
MS District: Brown/Day		MS	4	5	5	7	3	5	19%	5	0	
HS District: South/North		HS	6	5	5	3	6	5	19%	5	0	
		Total	33	28	28	20	18	26	100%	18	8	
2340 Commonwealth	1970											
ES District: Williams/Burr		ES	20	18	8	6	8	12	48%	6	6	
MS District: Brown/Day		MS	8	5	7	7	6	7	28%	3	4	
HS District: South/North		HS	6	6	6	7	4	6	24%	3	3	
		Total	34	29	21	20	18	25	100%	12	13	
Concord Street Apartments	1974											
ES District: Angier		ES	0	1	3	4	3	2	50%	3	-1	
MS District: Brown		MS	2	2	2	0	0	1	25%	1	0	
HS District: South		HS	1	0	0	2	2	1	25%	1	0	
		Total	3	3	5	6	5	4	100%	5	-1	
Court Street, 75-83	2016											
ES District: Cabot		ES	0	0	0	1	1	0	0%	7	-7	
MS District: Day		MS	1	2	2	2	2	2	40%	4	-2	
HS District: North		HS	3	3	3	3	3	3	60%	3	0	
		Total	4	5	5	6	6	5	100%	14	-9	
Curtis Arms Apartments	1969											
ES District: Horace Mann		ES	7	7	8	9	4	7	33%	8	-1	
MS District: Day		MS	6	8	11	8	4	7	33%	4	3	
HS District: North		HS	8	5	6	9	9	7	33%	4	3	
		Total	21	20	25	26	17	21	100%	16	5	

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		Level	Oct-18 #	Oct-19 #	Oct-20 #	Oct-21 #	Oct-22 #	Avg. #	%	Estimated #	Actual to Estimated Diff.
Farwell Street Apartments	1983										
ES District: Horace Mann		ES	8	8	7	5	4	6	67%	4	2
MS District: Day		MS	2	1	1	0	1	1	11%	2	-1
HS District: North		HS	3	3	2	1	1	2	22%	2	0
		Total	13	12	10	6	6	9	100%	8	1
Florence Park Apartments	1995										
ES District: Bowen/Memorial-Spaulding		ES	2	1	1	1	1	1	33%	1	0
MS District: Oak Hill		MS	0	1	1	1	0	1	33%	1	0
HS District: South		HS	1	1	1	1	2	1	33%	0	1
		Total	3	3	3	3	3	3	100%	2	1
Grove Street, 264-290*	1975										
ES District: Williams		ES	19	19	16	18	15	17	50%	18	-1
MS District: Brown		MS	12	9	10	7	6	9	26%	4	5
HS District: South		HS	5	7	8	9	11	8	24%	6	2
		Total	36	35	34	34	32	34	100%	28	6
17 Herrick Road	1930										
ES District: Bowen/Mason-Rice		ES	2	2	1	0	0	1	25%	3	-2
MS District: Brown/Oak Hill		MS	0	0	2	3	4	2	50%	2	0
HS District: South		HS	0	0	0	0	5	1	25%	2	-1
		Total	2	2	3	3	9	4	100%	7	-3
392-396 Langley*	1970										
ES District: Bowen		ES	10	5	5	5	4	6	60%	3	3
MS District: Oak Hill		MS	0	1	1	2	0	1	10%	1	0
HS District: South		HS	2	4	3	3	2	3	30%	1	2
		Total	12	10	9	10	6	10	100%	5	5
402-404 Langley*	1986										
ES District: Bowen		ES	2	5	3	2	1	3	75%	3	0
MS District: Oak Hill		MS	0	1	1	1	1	1	25%	1	0
HS District: South		HS	0	0	0	0	1	0	0%	1	-1
		Total	2	6	4	3	3	4	100%	5	-1
89 Lexington Street	1970										
ES District: Burr		ES	1	1	1	3	3	2	50%	2	0
MS District: Day		MS	1	1	1	0	0	1	25%	1	0
HS District: North		HS	1	1	1	2	0	1	25%	1	0
		Total	3	3	3	5	3	4	100%	4	0

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		Level	Oct-18 #	Oct-19 #	Oct-20 #	Oct-21 #	Oct-22 #	Avg. #	%	Estimated #	Actual to Estimated Diff.	
145 Lexington Street	1990											
ES District: Burr		ES	1	4	4	5	6	4	67%	3	1	
MS District: Day		MS	0	1	1	0	1	1	17%	2	-1	
HS District: North		HS	1	2	2	1	1	1	17%	2	-1	
		Total	2	7	7	6	8	6	100%	7	-1	
155 Lexington Street	1970											
ES District: Burr		ES	4	2	3	4	4	3	50%	4	-1	
MS District: Day		MS	0	1	0	1	1	1	17%	3	-2	
HS District: North		HS	4	3	2	1	0	2	33%	3	-1	
		Total	8	6	5	6	5	6	100%	10	-4	
181 Lexington Street*	1970											
ES District: Burr		ES	1	0	1	2	2	1	100%	3	-2	
MS District: Day		MS	0	1	0	0	0	0	0%	1	-1	
HS District: North		HS	0	1	0	0	0	0	0%	1	-1	
		Total	1	2	1	2	2	1	100%	5	-4	
199 Lexington Street*	1978											
ES District: Burr		ES	0	1	1	1	2	1	100%	2	-1	
MS District: Day		MS	0	0	0	0	0	0	0%	0	0	
HS District: North		HS	0	0	0	0	0	0	0%	1	-1	
		Total	0	1	1	1	2	1	100%	3	-2	
8-14 Mt Ida Street*	1938											
ES District: Underwood		ES	0	0	0	1	0	0	N/A	2	-2	
MS District: Bigelow		MS	0	0	0	0	0	0	N/A	0	0	
HS District: North		HS	0	0	0	1	1	0	N/A	0	0	
		Total	0	0	0	2	1	0	N/A	2	-2	
129 North Street	1975											
ES District: Horace Mann		ES	6	8	10	11	11	9	50%	8	1	
MS District: Day		MS	4	4	4	5	5	4	22%	5	-1	
HS District: North		HS	4	5	6	6	5	5	28%	5	0	
		Total	14	17	20	22	21	18	100%	18	0	
40 Park Street*	1945											
ES District: Underwood		ES	5	2	1	0	3	2	50%	3	-1	
MS District: Bigelow		MS	2	0	0	0	0	0	0%	0	0	
HS District: North		HS	1	1	2	2	2	2	50%	1	1	
		Total	8	3	3	2	5	4	100%	4	0	

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230 Walnut Street		<i>1930</i>										
ES District: Cabot		ES	2	1	2	2	1	2	50%	3	-1	
MS District: Day		MS	0	0	1	1	1	1	25%	1	0	
HS District: North		HS	0	1	1	1	3	1	25%	1	0	
		Total	2	2	4	4	5	4	100%	5	-1	
337 Washington Street		<i>1920</i>										
ES District: Lincoln-Eliot		ES	0	0	0	0	0	0	N/A	1	-1	
MS District: Bigelow		MS	0	0	0	0	0	0	N/A	0	0	
HS District: North		HS	0	0	0	0	1	0	N/A	0	0	
		Total	0	0	0	0	1	0	N/A	1	-1	
Wesbrook Apartments*		<i>1947</i>										
ES District: Underwood		ES	0	0	0	0	0	0	N/A	4	-4	
MS District: Bigelow		MS	0	0	0	0	0	0	N/A	1	-1	
HS District: North		HS	0	0	0	0	0	0	N/A	1	-1	
		Total	0	0	0	0	0	0	N/A	6	-6	
55 Wyman Street*		<i>1945</i>										
ES District: Angier		ES	4	3	2	2	0	2	67%	3	-1	
MS District: Brown		MS	0	1	0	1	1	1	33%	1	0	
HS District: South		HS	0	0	0	0	0	0	0%	1	-1	
		Total	4	4	2	3	1	3	100%	5	-2	
Kessler Woods		<i>2018</i>										
ES District: Memorial-Spaulding		ES	0	3	4	4	7	4	50%	11	-7	
MS District: Oak Hill		MS	0	4	2	3	1	2	25%	5	-3	
HS District: South		HS	0	1	3	4	4	2	25%	5	-3	
		Total	0	8	9	11	12	8	100%	21	-13	
Austin Street		<i>2019</i>										
ES District: Cabot		ES		2	7	10	14	8	67%	9	-1	
MS District: Day		MS		0	1	2	0	1	8%	4	-3	
HS District: North		HS		0	4	5	4	3	25%	4	-1	
		Total		2	12	17	18	12	100%	17	-5	
400 Langley Road*		<i>2020</i>										
ES District: Bowen		ES			2	2	3	2	100%	1	1	
MS District: Oak Hill		MS			0	0	0	0	0%	0	0	
HS District: South		HS			0	1	0	0	0%	0	0	
		Total			2	3	3	2	100%	1	1	

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Trio Newton (Washington Place)		2020									
ES District: Cabot		ES			1	3	9	4	44%	13	-9
MS District: Day		MS			0	0	3	1	11%	7	-6
HS District: North		HS			2	4	6	4	44%	6	-2
		Total			3	7	18	9	100%	26	-17
68 Los Angeles Street		2021									
ES District: Lincoln-Eliot		ES				0	0	0	0%	5	-5
MS District: Bigelow		MS				0	0	0	0%	2	-2
HS District: North		HS				0	1	1	100%	2	-1
		Total				0	1	1	100%	9	-8
429 Cherry Street		2021									
ES District: Burr		ES				0	1	1	100%	4	-3
MS District: Day		MS				0	0	0	0%	1	-1
HS District: North		HS				0	0	0	0%	1	-1
		Total				0	1	1	100%	6	-5
20 Kinmonth Road*		2022									
ES District: Angier		ES					0	0	N/A	4	-4
MS District: Brown		MS					0	0	N/A	1	-1
HS District: South		HS					0	0	N/A	1	-1
		Total					0	0	N/A	6	-6

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