

April 2018

2017-18 Enrollment Projection Report

Public Schools of Brookline, MA

Enrollment Working Group

2017-18 Enrollment Projection Report

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INTRODUCTION

Overview of Report

The 2017 Preliminary Enrollment Report is the second formal enrollment report generated by the Public Schools of Brookline under a staff Enrollment Working Group set up by the Superintendent of Schools. The goal and purpose of this report is to provide various town planners with student projections as it may relate to their department and for future capital improvement and infrastructure planning. The report attempts to be responsive to the many questions and concerns regarding the dramatic enrollment growth that has occurred over the last ten years and is anticipated to continue over the next ten years.

The report and its content will continue to be updated as more information and data becomes available. There are more questions than answers than this report can address. Development of the questions to be answered going forward is ongoing and highlighted at the end of the report. More will be added and reviewed in the future.

Enrollment Working Group

The membership of the internal staff working group and contributors to this report includes representatives from the following departments:

School Department

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Mary Ellen Dunn, Deputy Superintendent for Administration and Finance
Ben Lummis, Special Assistant for Strategy and Performance
Erin Cooley, Director of Data Analysis & Information Management
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Additional Advisors

Assessor's Department

Gary McCabe, Chief Assessor
Hinlan Wong, Assistant Assessor/Data Specialist

Town Information Technology

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Planning and Community Development

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Enrollment Projections with a Historic Context

The enrollment history charts below show the enrollment projection over time. The two projections show enrollment with and without new development. These charts use actual PSB enrollment from the 1977-78 School Year through October 1, 2017. Projected enrollments go through October 1, 2027.

The Enrollment Projection without new development (orange) shows a three-year average of births and the five-year progression rate (cohort survival rate). 2027-2028 begins to show the impact of a flat, estimated birth rate (615). Combining an estimated birth rate that is flat and a five-year progression rate results in a decline that is based in the methodology.

The Enrollment Projection with new development (green) shows a three-year average of births and an adjustment to the five-year progression rate due to new housing units being added to the current population. The methodology for this projection is included later in the report.

The gap between the enrollment with and without new development is the area where planning needs to focus for future program, infrastructure, and physical plant.

Methodology of the Projection

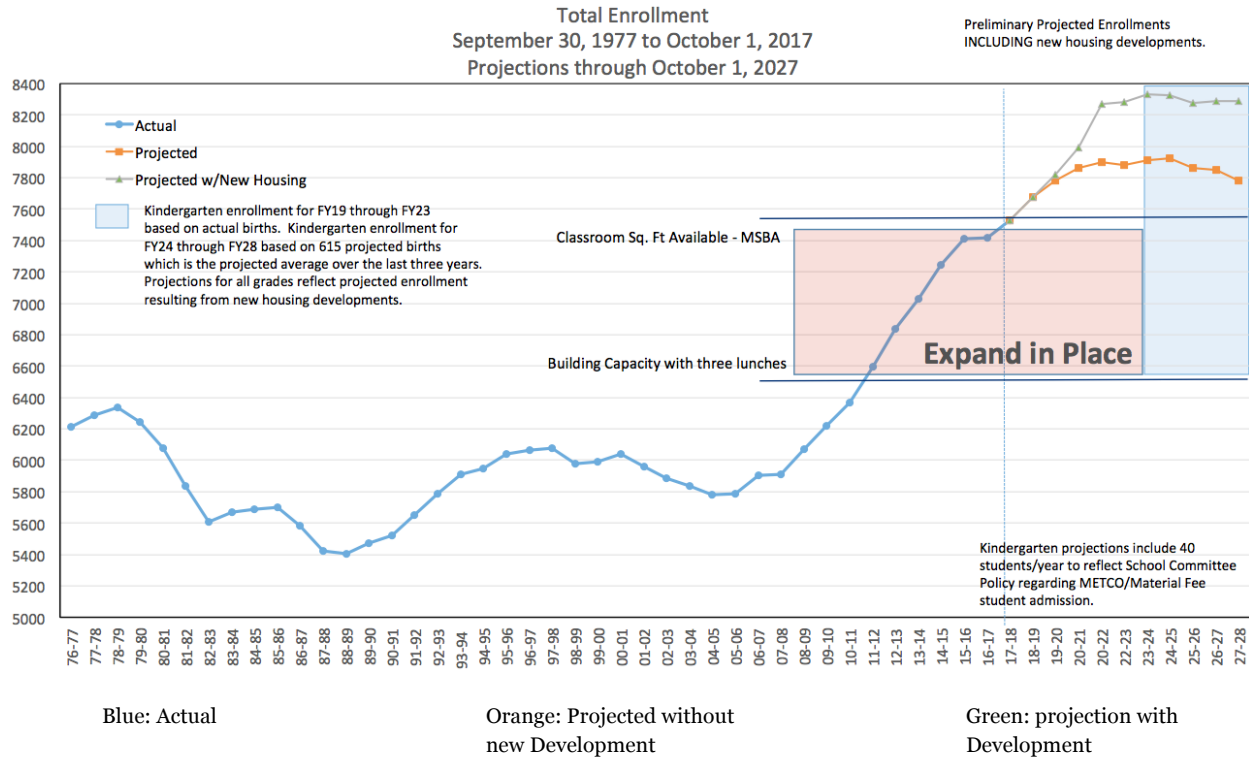
The enrollment projection is based on an established birth to cohort survival rate, using progression rates that are recalculated each year. The Birth to Kindergarten Progression Rates are derived by comparing current Kindergarten enrollment to the total of births to mothers residing in the Town of Brookline. It is the net of new residents to the town, individuals moving out of town, children attending private school, and children with a delayed entry into Kindergarten. Progression Rates for all other grades, are derived by comparing the grade enrollment with the corresponding cohort from the prior year; it is the net of in-and out-migration of students and grade retention.

All of the data and assumptions are included and highlighted at various places within the report. The projection includes the METCO and Materials Fee students in two places. The primary place they are included is in the cohort survival progression rate as they are in the FY 18 Actual Enrollment per grade and are part of how the progression rate is calculated. In addition 40 students are included in the new Kindergarten projection for FY19 (an average of 20 for METCO and 20 for Materials Fee). No other students are added in any other grade level or year as the mobility rate of student in and out of grades is captured in the calculation of the progression rate. The METCO and Materials Fee programs are not increased as part of this projection. METCO remains at 300 and the Materials Fee program remains at approximately under 200.

The report also includes a projection of students anticipated from new housing developments. The model under development is comparing recent or similar properties as the ones being proposed with the district student information over the last three years to see what correlation can be made for number of students and potential grade level.

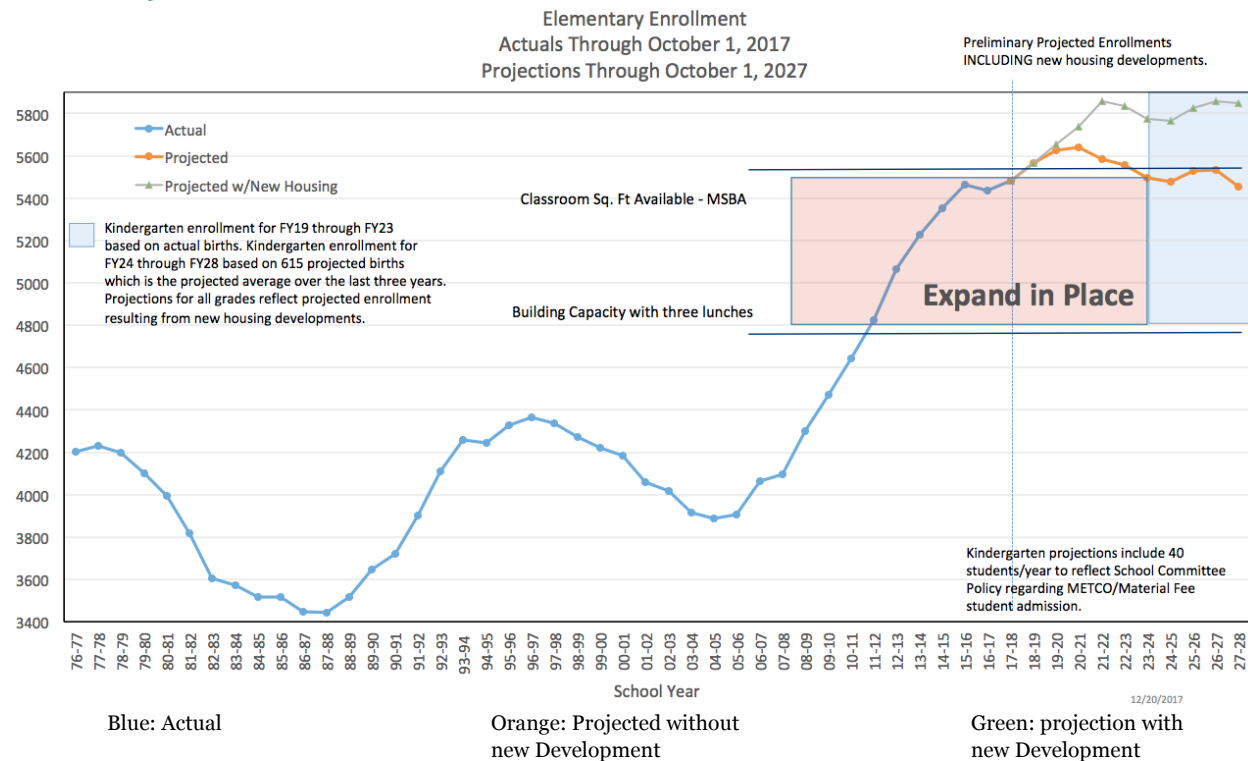
The report does not include any projection or estimate for Condo/T-Zone residential conversions that are permitted through the Building Department. A separate study and analysis will need to be conducted outside of this projection and report. The projection also does not include students that have been displaced with the 2015-2018 refurbishment and updates to existing units at Hancock Village in the Baker district. This is estimated to be approximately 50 students per year, but is unknown due to the mobility of families in the complex.

Total Enrollment



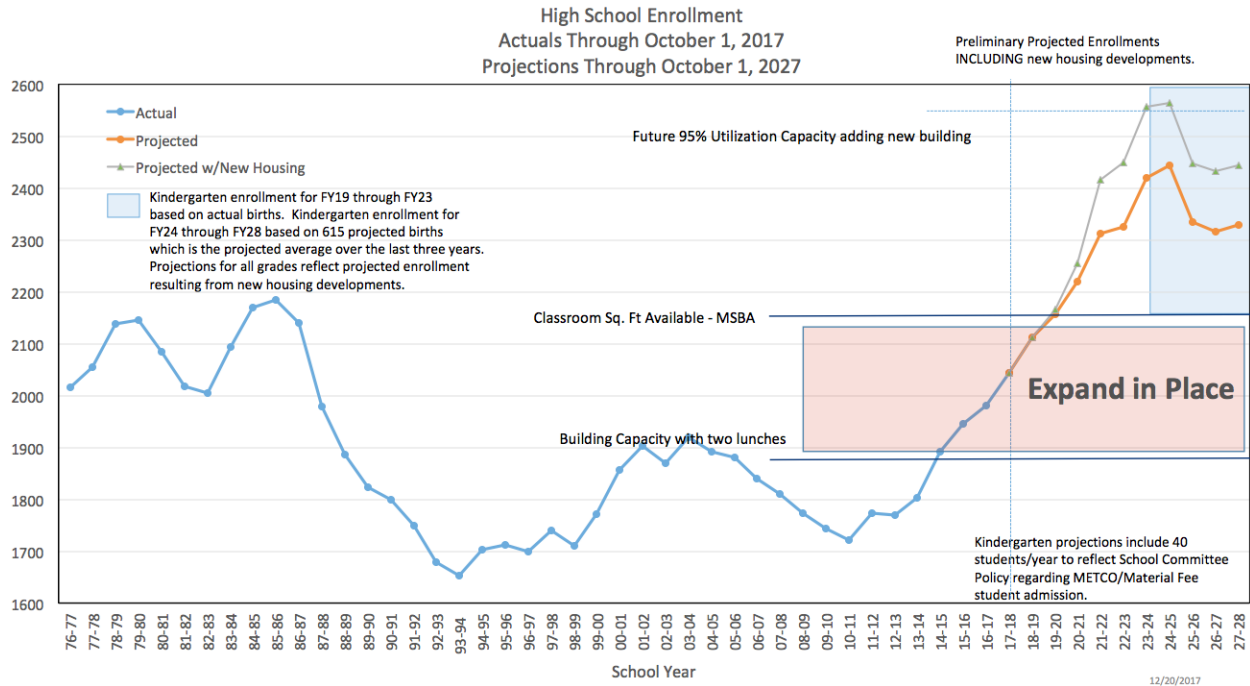
- Projections do not include: condo/t-zone conversions or students displaced by the current Hancock Village unit renovations.
- See page 27 for a list of the known housing developments included in this year's report.
- The estimated capacity of our schools is a range discussed later in this document. The horizontal lines show the band of capacity of our buildings in total.
 - Building Capacity with Three Lunches: If one takes the Fire Code capacity of each of our cafeterias and multiplies it by three, then that would be the capacity of the school building
 - Classroom Sq. Ft. Available – MSBA: Due to the Expand-in-Place, we have many different sized rooms. Based on how MSBA sizes and reimburses for a new school, we have taken the equivalent square feet per student and calculated the capacity of each of different sized classrooms to calculate the maximum building capacity. We did not include instructional spaces that were never meant to be classrooms, but currently serve as instructional spaces.

Elementary Enrollment



- Projections do not include: condo/t-zone conversions or students displaced by the current Hancock Village unit renovations. Anticipated to be approximately 50 students
- See page 27 for a list of the known housing developments included in this year's report.
- The estimated capacity of our schools is a range discussed later in this document. The horizontal lines show the band of capacity of our buildings in total.
 - Building Capacity with Three Lunches: If one takes the Fire Code capacity of each of our cafeterias and multiplies it by three, then that would be the capacity of the school building
 - Classroom Sq. Ft. Available – MSBA: Due to the Expand-in-Place, we have many different sized rooms. Based on how MSBA sizes and reimburses for a new school, we have taken the equivalent square ft per student and calculated the capacity of each of different sized classrooms to calculate the maximum building capacity. We did not include instructional spaces that were never meant to be classrooms, but currently serve as instructional spaces.
-

High School Enrollment



Blue: Actual

Orange: Projected without
new DevelopmentGreen: projection with
new Development

- We build high schools for a maximum of 95% utilization of the building, which is 2,565 students. BHS is currently 95% utilization.
- Projections do not include: condo/t-zone conversions or students displaced by the current Hancock Village unit renovations, which is anticipated to be approximately 50 students.
- See page 27 for a list of the known developments included in this year's report.
- The estimated capacity of our schools is a range discussed later in this document. The horizontal lines show the band of capacity of our buildings in total.
 - Building Capacity with Two Lunches: If one takes the Fire Code capacity of each of our cafeterias and multiplies it by three, then that would be the capacity of the school building. The High School in 16-17 school year instituted three lunches to address enrollment and seating capacity issues.
 - Classroom Sq. Ft. Available – MSBA: Due to the Expand in place, we have many different sized rooms. Based on how MSBA sizes and reimburses for a new school, we have taken the equivalent square feet per student and calculated the capacity of each of different sized classrooms to calculate the maximum building capacity. We did not include instructional spaces that were never meant to be classrooms, but currently serve as instructional spaces.

Summary of School Buildings

The number and size of the school buildings in both square footage and in student population has changed over time. In 2016 and through 2017, the School Department under the Director of Operations took on the task to inventory our school buildings both for condition and for size. The buildings are currently over maximum capacity, and the expand in place model and practice that began in 2008 has now been completed. There are no spaces to reclaim, as classrooms at the elementary level. We have dismantled computer labs, split two classrooms to make three, added modular classrooms, and added physical classroom space. Core facilities have only been expanded at Heath and Runkle. Otherwise cafeteria, gymnasium, library, nurse offices, and other community spaces remain the exact same size they were 10 years ago and continue to support a growing student population. The work completed is as follows:

In order to create the classroom space necessary to accommodate this PreK-8 enrollment increase, a long series of well-planned larger-scale renovation projects and smaller-scale space conversion projects have been completed over the past decade. A total of 55 PreK-8 Classrooms were added through the use of an “Expand-in-Place” strategy since 2008 including but not limited to:

- 6 classrooms built at Heath;
- 4 classrooms built at Lawrence;
- 2 modular classrooms added at Baker;
- 11 BEEP classes moved out of K-8 buildings into leased commercial space;
- 4 classrooms in leased commercial space for Pierce;
- 1 gymnasium and 1 small gymnasium space at Brookline Teen Center;
- 1 brand new school is being built at Devotion to add 12 classrooms; and
- FY18 supported 4 classroom conversions from existing spaces. These are likely the last K-8 classroom spaces available in the district for conversion and reclaiming
 - Driscoll fourth section of Grade 3.
 - Lawrence fourth section of Grade 6.
 - Pierce fifth section of Grade 4.
 - Devotion fifth section of Grade 6.

The work of adapting the High School to accommodate the growing enrollment is underway with building or reclaiming a total of 9 classrooms. To accomplish this, more than fifty staff members from Brookline Early Education Program (BEEP), Office of Student Affairs, Office of Student Services, METCO, ELL, Operations (Custodians, Transportation, & Food Service), Brookline Adult and Community Education (BACE), Office of Strategy and Performance, and Steps to Success Inc., were all moved in FY 2016 and FY 2017 to leased space at 24 Webster Place. In FY 2017, the Help Desk was moved to the Health Building to join the Town IT Department. Educational Technology moved to the Sperber Center at Pierce Elementary in FY 2017. The movement of these departments from the High School, Pierce (Sperber Center), and Town Hall has allowed the district to reclaim classroom and small group instructional spaces at the high school to be used by new teachers and support staff needed due to increased enrollment.

Publication of the final school inventory report on the town or school’s website will not be available due to the sensitivity of the information contained for the safety and security of students. Viewing can occur by appointment through the Deputy Superintendent for Administration and Finance.

School Building Capacity

The following charts illustrate the minimum and maximum capacity of our existing 8 elementary schools. The number of PreK-12 Classroom utilized and the changes made over time to address capacity within the existing infrastructure have had impact on the district's ability to absorb future projected growth and even the population when the projection begins to level off. The estimated capacity of our buildings is below. We show three methodologies as all will work and all provide very different educational experiences to students.

PreK-12 School Building Capacity & Utilization

Building Capacity based on size of Cafeteria: The School Committee, school leadership, and the parent community would prefer to have school lunches occur in three sittings between the hours of 11:30 a.m. and 1:00 p.m. The chart bellows shows the maximum number of students each school could serve in three lunch periods based on its current cafeteria seating capacity. Based on this student capacity, the chart also shows the number of homeroom classes that would exist given an average of 21 students per class. The number of rooms does not include ancillary spaces for special education, ELL, or other district programs. This chart can be interpreted as the original "right size" of the building, as the Town has not enlarged the common core spaces such as the cafeterias. MSBA requires a Cafeteria space for two lunches but allow for a variance for 3 lunches depending on the total number of students, the size of the cafeteria, or the sections being planned.

School	Actual Cafe SF 10/1/17	Cafeteria Seating Capacity	Capacity w/ 3 Lunches @ Fire Code Capacity	Maximum # of Homeroom Classes @ 21 students to be within Lunch Room Fire Capacity	# of Lunches
Baker	2,980	200	600	29	3
Devotion - (New Construction)	5,100	350	1,050	45	3
Driscoll	3,175	150	450	21	3
Heath	2,753	212	636	30	3
Lawrence	2,200	138	414	20	3
Lincoln	1,967	184	552	26	3
Pierce	3,871	200	600	29	3
Runkle	2,800	186	558	27	3
Total	24,846	1,620	4,860	226	3
10/1/17 Enrollment	24,846	1,620	5,482	268	3
Variance: Open Capacity/(Deficit Capacity)			(622) classrooms	(42) classrooms	0

Building Capacity based on MSBA classroom: When looking at MSBA classroom standards, one can derive a square foot per student. In using this square foot per student variable (43 sq. ft./student) we have calculated the capacity of the classrooms that were measured as part of our facility inventory. This table demonstrates that we are at capacity for the existing classrooms under our “Expand-in-Place” initiative over the last 10 years. However, we exceed the capacity of our core spaces of Cafeteria, Library, Gymnasium and compromised other support spaces.

School			Students at MSBA Sq Ft Standard for Classrooms	# of Homeroom Classes @ 21 Students	# of Lunches to MSBA Sq Ft
Baker			775	37	4
Devotion - (New Construction)			1,011	48	3
Driscoll			578	28	4
Heath			589	28	3
Lawrence			705	34	5
Lincoln			625	30	3
Pierce			697	33	3
Runkle			586	28	3
Total			5,564	265	4
10/1/17 Enrollment			5,482	268	3
Variance: Open Capacity/(Deficit Capacity)			82	(3)	(1)

Building Capacity based on October 1, 2017 Enrollment: The reader can see the variance in sections and lunch periods by building using the current configuration. Because students don’t come to us in the right grade configuration to have exactly 21 students per class, the reader now sees how the current configuration of classes has forced more sections. We can refer to these additional sections at “swing” or “Bubble” classrooms. These are classrooms that are available for a grade that may have a “bubble” of students going through the school. We are experiencing no relief from these increased grade levels and the additional classrooms built are no longer sufficient to absorb any more growth.

School	Actual Cafe SF 10/1/17	Cafeteria Seating Capacity	Current 10/1/17 Enrollment (K-8)	# of Homeroom Classes 10/1/17	# of Lunches and hours 10/1/17
Baker	2,980	200	763	39	4
Devotion - (New Construction)	5,100	350	801	43	3
Driscoll	3,175	150	613	28	5
Heath	2,753	212	534	27	6
Lawrence	2,200	138	722	35	7
Lincoln	1,967	184	578	28	5
Pierce	3,871	200	859	41	5
Runkle	2,800	186	612	27	7
Total	24,846	1,620	5,482	268	5
10/1/17 Enrollment	24,846	1,620	5,482	268	3
Variance: Open Capacity/(Deficit Capacity)			0	0	2

The Current K-8 Lunch Room Schedule below shows the impact of the scheduling lunch for students where the above three charts show how the Principals have managed the variances among grade levels and that the use of “swing” or “bubble” classrooms are now utilized each year. Most lunches are managed through using a rolling time start where one lunch group is in line, while the prior lunch group is vacating the cafeteria.

School	1st Lunch Start Time	Last Lunch End Time
Baker	11:00 AM	1:10 AM
Devotion -(New Construction)	11:00 AM	Before 1 PM
Driscoll	10:20 AM	12:53 AM
Heath	10:50 AM	1:20 AM
Lawrence	11:00 AM	1:30 AM
Lincoln	10:20 AM	12:45 PM
Pierce * For hallways and "walls"	10:25 AM	12:55 PM
Runkle	11:00 AM	1:05 AM

Pre-K Classrooms On Site, Loaned/Leased Space, and Current Lunch Schedule

The Brookline Early Education Program is housed in our schools, Lynch Center, and two leased facilities. The origination of BEEP had at least one classroom in every elementary school. 17 classrooms have been displaced out of our schools. Those 17 sections have been used to absorb the growing K-8 enrollment.

Loaned/Leased Space of Classrooms for BEEP

Loaned Space

1. Lynch Center – 6 classrooms loaned from Recreation Department

Leased Space

1. Pierce – 5 classrooms at 62 Harvard
2. 24 Webster Place – 50 administrative desk spaces/offices (moved from High School)
3. Putterham – 6 BEEP classroom
4. Beacon – 4 BEEP classrooms

School	# of Pre-K Classrooms on site 10/1/17
Baker	0
Devotion -(New Construction)	0
Driscoll	1
Heath	2
Lawrence	0
Lincoln	0
Pierce	0
Runkle	1
High School	1
Total	4
10/1/17 Enrollment	21
Variance: Open Capacity/(Deficit Capacity)	(16)

School Closures

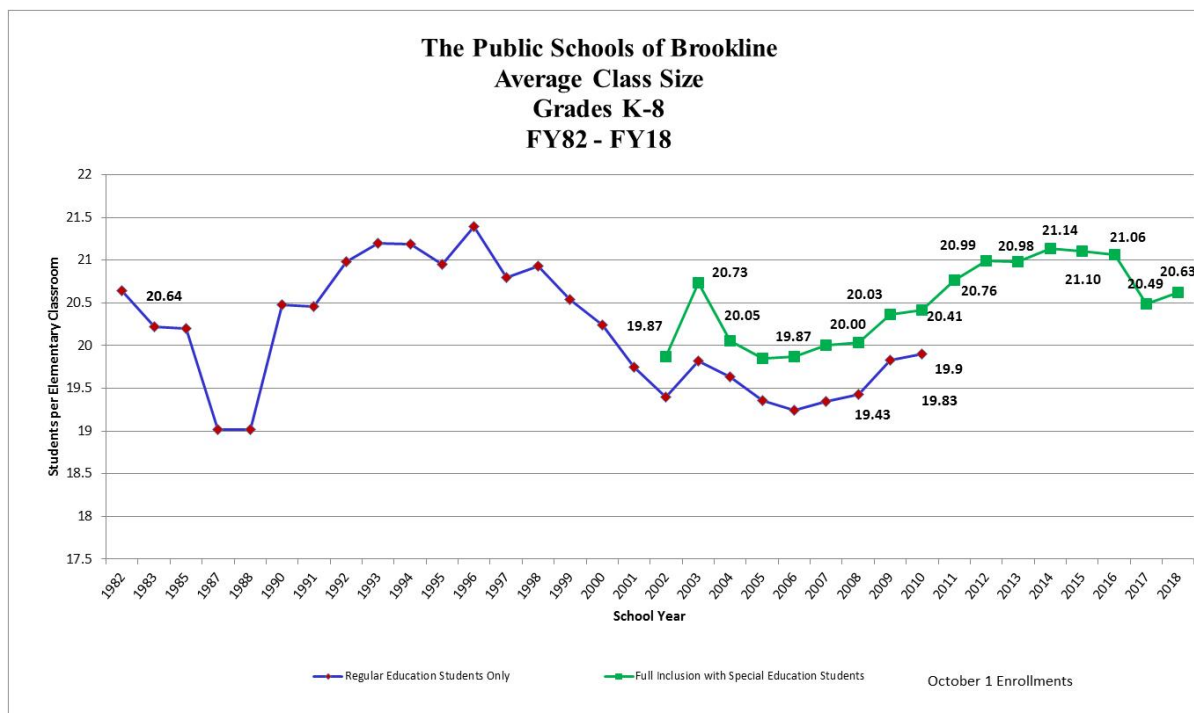
It is important to note for the record in this report a reference to prior school closures as we look at the overall history and enrollment chart earlier in the report.

The Sewall School located on what was once Sewall Street, now known as Cypress Street, had its beginnings on the site of the Town stables in 1878. A “new” brick building was constructed in 1891 and opened for 100 students in 1892. The building was also used by the Public Library, Boys & Girls Clubs and a teen center run by the Recreation Department on weekends and in the evenings. By the 1960’s, only two Kindergarten classes continued to be held in the Sewall School building as an annex to the Lincoln School. The Sewall School was closed in 1981 due to budget constraints arising from Proposition 2 ½. The building was sold and converted to condos.

The Baldwin School on Heath Street opened in 1927 with a kindergarten, 3 primary classrooms and a playroom. Primary classes operated as an annex of the Baker School until 1981 when the school was closed due to the financial constraints arising from Proposition 2 ½. The building currently houses the Brookline Schools Staff Children’s Center (BSSCC) and students from Brookline High School’s Winthrop House program. Recently, the site has been selected by the School Committee and Board of Selectmen for consideration as a 9th elementary school to ease overcrowding/enrollment growth in the district.

Classroom Projection Charts

Below is the history of average class size. The average is calculated using the total number of students and the number of classrooms used in each fiscal year. The district monitored the impact of full inclusion on class size from 2002 – 2011 and has since stopped recording separate numbers.



For FY19, The district has developed a five-year classroom/section projection chart for the elementary level for budget and facility planning purposes. The charts reflect the number of sections at an average target of 21 students per class. The chart shows, in the aggregate the number of classrooms needed based on the 2017 enrollment projection. The shaded areas show whether the number of classes in a school is over or under the number of classrooms available in a building.

Continuation of Prior Year Projections Using 21 Students Per Class
The Effect Of Using 21 Students Is A Range of 16 to 26 Students Per Class

SCHOOL	FY18		FY19			FY20		FY21		FY22		FY23	
	Actual Enroll 10/1/17	Homeroom Classrooms in Use	Projected Enrollment	Actual Homeroom Classrooms Available	Homeroom Classrooms Required	Projected Enroll	Homeroom Classrooms Required	Projected Enroll	Homeroom Classrooms Required	Projected Enroll	Homeroom Classrooms Required	Projected Enroll	Homeroom Classrooms Required
BAKER	763	39	766	39	39	774	39	839	43	899	45	912	46
DEVOTION Built for 45	801	43	819	45	39	852	43	844	43	909	45	898	44
DRISCOLL	613	28	624	28	34	626	33	621	33	616	33	620	33
HEATH	534	27	539	27	27	530	29	532	29	524	27	520	26
LAWRENCE	722	35	726	35	37	744	37	747	37	766	38	757	38
LINCOLN	578	28	583	28	30	587	29	585	30	563	29	567	29
PIERCE	859	41	891	41	47	913	47	939	50	958	50	946	47
RUNKLE	612	27	629	27	32	642	34	656	34	659	34	649	34
9th SCHOOL													
Total Enroll	5482		5577			5668		5763		5894		5869	
K-8 Sections		268		270	285		291		299		301		297
BEEP Rented		11		11	See Requests from BEEP Principal								
BEEP Owned		10		11	See Requests from BEEP Principal								

Source: 2017 Preliminary Enrollment Projection Report (Pages 41-43) Dated 12/14/17

Projection reflects new housing estimates, METCO & Material Fee students for FY19

Over # of sections currently available in building = larger class sizes or classroom expansion where financially feasible and practical on the site. This also results in pushing other programs into smaller spaces or out of the building.

Indicates space available per the calculation

If enrollment continues on recent two year K enrollment and other grade trends, Peak in FY22, discuss these areas for short and mid term needs.

NOTE: All projections assume the use of the 2017-18 school assignment pattern and buffer zone use. Does not include any school reassignment for new Devotion or any other schools

The chart below shows for each school what the class sizes will look like in FY22 if we maintain the same number of classrooms that exist today. The chart also shows the number of classrooms we would need in each school if we keep to the target of no more than 21 students per class. Shown are Baker, Pierce, Devotion, and Lawrence. Currently, the district is capped at 270 classrooms available. By FY 22, the district will need between 15 and 30 additional classrooms than are available now. The range is due to the statistical fact that students do not always register and attend where the district has seats available, even with aggressive use of the buffer zones.

The chart shows the projected section growth by school at an average of 21 students and measured at 22 students K-3 and up to 25 students grades 4 - 8. (Note that when average class size is used the actual class size can be +/- 5 students.).

	K	1	2	3	4	5	6	7	8	FY22 Projection	FY18 10-1-17
FY22 Projected Baker	104	108	103	111	93	95	89	119	77	899	762
	21	27	26	23	24	24	23	24	20		
	21	27	26	22	23	24	22	24	19		
currently using	21	27	26	22	23	24	22	24	19		
39 classrooms	21	27	25	22	23	23	22	24	19		
	20			22				23			
Baker	K	1	2	3	4	5	6	7	8	899	762
	21	22	21	23	24	24	18	20	20		
	21	22	21	22	23	24	18	20	19		
Target = 21 per classroom	21	22	21	22	23	24	18	20	19		
	21	21	20	22	23	23	18	20	19		
43 classrooms	20	21	20	22			17	20			
								19			
Grades 6-8 at Baker are smaller rooms on the 3rd floor, so 21 is the practical maximum											
Grades 1 & 3 have some classes a little over the target of 21, or we would have 45 classrooms											
Grade 1 Class could 18 with six classrooms and Grade 3 class size would be 18 or 19											
Pierce	K	1	2	3	4	5	6	7	8	958	859
	105	107	108	117	108	88	108	107	110		
	21	22	22	24	22	22	27	27	28		
currently using	21	22	22	24	22	22	27	27	28		
41 classrooms	21	21	22	23	22	22	27	27	27		
	21	21	21	23	21	22	27	26	27		
	21	21	21	23	21						
Pierce	K	1	2	3	4	5	6	7	8	958	859
	21	22	18	20	18	18	18	22	19		
	21	22	18	20	18	18	18	22	19		
Target = 21 per classroom	21	21	18	20	18	18	18	21	18		
	21	21	18	19	18	17	18	21	18		
50 classrooms	21	21	18	19	18	17	18	21	18		
			18	19	18		18		18		
Devotion	K	1	2	3	4	5	6	7	8	909	801
	113	106	107	115	94	87	99	91	97		
	23	22	22	23	19	18	20	19	20		
currently using	23	21	22	23	19	18	20	18	20		
45 classrooms	23	21	21	23	19	17	20	18	19		
	22	21	21	23	19	17	20	18	19		
	22	21	21	23	18	17	19	18	19		
Devotion	K	1	2	3	4	5	6	7	8	909	801
	113	106	107	115	94	87	99	91	97		
	19	22	22	20	19	18	20	19	20		
Target = 21 per classroom	19	21	22	19	19	18	20	18	20		
	19	21	21	19	19	17	20	18	19		
47 classrooms	19	21	21	19	19	17	20	18	19		
	19	21	21	19	18	17	19	18	19		
	18			19							
Lawrence	K	1	2	3	4	5	6	7	8	766	722
	90	88	90	96	84	73	85	80	80		
	23	22	23	20	21	25	22	27	20		
currently using	23	22	23	19	21	24	21	27	20		
35 classrooms	22	22	22	19	21	24	21	26	20		
	22	22	22	19	21		21	18	20		
				19							
Lawrence	K	1	2	3	4	5	6	7	8	766	722
	90	88	90	96	84	73	85	80	80		
	18	18	18	20	21	19	22	20	20		
Target = 21 per classroom	18	18	18	19	21	18	21	20	20		
	18	18	18	19	21	18	21	20	20		
40 classrooms	18	17	18	19	21	18	21	20	20		
	18	17	18	19							

School Boundary Assignments

History of Buffer Zones

The Public Schools of Brookline established the use of buffer zones in 1981 as a way to balance enrollments/class sizes at the elementary school level. Buffer zones have provided the district a tool for maintaining equity among the schools without having to redistrict, especially with new or expanding developments in parts of the Town.

Since 1981, buffer zones have been reviewed and/or expanded more than a half-dozen times, the most recent expansion voted in 2012 to include areas in the north Brookline side of town.

As an enrollment tool, buffer zones allow for the assignment of families to one or more of the schools that are in proximity to their street address. A family may state a preference for a school of their choice, but the final decision is that of the Superintendent or their designee (Office of Student Affairs). Enrollments at the particular grade level that the child is entering play a large part in the assignment. Once the assignment is made, all of the children in the same family will be assigned to the same school.

Chronology:

- 1981 – Buffer Zones established (Dexter Park, 175-185 Freeman St. (Dev/Law))
- 1984 – Buffer Zone policy (Driscoll Buffer zone w/Pierce & Runkle added; Devotion Buffer Zone Committee formed)
- 1993 – Enrollment Task Force (1989-1993): Recommended increase number of Buffer Zones^{1,2}
- 2001 – Baker School Buffer Zones / Enrollment Cap (Baker/Heath/Lincoln/Runkle)³
- 2002 – Baker School Enrollment Cap Reviewed
- 2004 – Buffer Zones expanded (Cypress Lofts); maps added for clarity⁴
- 2012 – Buffer Zones expanded primarily in North Brookline (Chestnut Hill Ave to the North)⁵
- 2018 – New Devotion opens September of 2018 with additional capacity, buffer zone and student assignment review required.

Census Data

Under M.G.L. Chapter 51, Section 4, a yearly census is mandated. The Town Clerk conducts the annual census of all Brookline's households and publishes the results in a printed residents' list (commonly known as the "Street List"). The publication contains an alphabetical-numerical list of all residents seventeen and older, as of January 1st of each year. The Town Census collects "the name, date of birth, occupation, veteran status, nationality, if not a citizen of the United States, and residence on January 1 of the preceding year and the current year, of each person three years of age or older residing in their respective cities and towns."⁶

¹ Memorandum to the School Committee: Enrollment Committee Recommendations vis-à-vis Buffer

² Memorandum to School Committee: Enrollment Committee Recommendations, April 5, 1993

³ Brookline School Committee Record, Volume 2001, Vote: 6/7/01 – a. Baker Buffer Zone (Baker/Heath/Lincoln/Runkle) & b. Two year Cap on K-2 new enrollments

⁴ Brookline School Committee Record, Volume 2004, Vote: 3/25/04, page 65 - Cypress Lofts

⁵ School Committee Policy – P. J15-J16

⁶ <https://malegislature.gov/Laws/GeneralLaws/PartI/TitleVIII/Chapter51/Section4>

In addition as part of the census, “A list of all persons 3 to 21 years of age, inclusive, shall be transmitted by the board of registrars to the respective school committee not later than April 1 of each year. The list shall contain the name, residence and age or date of birth of each such person; but the names of persons 3 to 16 years of age, inclusive, shall not be disclosed to any person other than the respective school committee or board of trustees of a county agricultural school or a police department.”⁷

Responding to the annual census is important for many reasons:

1. To maintain a person’s “active” voter status;
2. To maintain accurate population information;
3. To allocate State and Federal funds to the town;
4. To provide proof of residency for personal and/or legal requirements:
 - In-state tuition at state colleges/universities
 - Housing benefits for the elderly or others
 - Veteran’s benefits
 - Insurance benefits
 - School enrollment

The more reliable and accurate the Town of Brookline census data for children between the ages of birth through age 4, the more accurate kindergarten enrollment projection will become. In addition, census data can also be used to monitor the in and out-migration of students to or from private schools, which the School Department must report on an annual School Attending Report to the Department of Elementary and Secondary Education (DESE).⁸ It can also assist with what is known as “churn.” Churn occurs when students do not stay the full year. The Massachusetts DESE calculates this as a mobility rate for each district.⁹

2017 Mobility Rates¹⁰

Student Group	Churn/ Intake Enroll	% Churn	% Intake	Stability Enroll	% Stability
All Students	8,026	9.3	5.7	7,730	94.4
Economically Disadvantaged	905	15.7	10.3	857	89.5
High Needs	2,871	19.2	12.1	2,650	87.8
LEP English language learner	1,027	41.6	27.1	853	70.6
Students with disabilities	1,301	5.9	3.2	1,267	96.9
African American/Black	473	7.8	6.1	456	95.8
American Indian or Alaskan Native	-	-	-	-	-
Asian	1,642	23.3	13.0	1,502	84.0
Hispanic or Latino	832	8.1	6.5	796	96.5
Multi-race, non-Hispanic or Latino	729	5.2	3.3	710	97.3
Native Hawaiian or Pacific Islander	-	-	-	-	-
White	4,346	5.0	3.2	4,262	96.9

Knowing and understanding Brookline population trends and mobility rates allow for testing the cohort survival rates and their accuracy. In addition, monitoring the mobility rates and the schools where they occurs also allows for additional support to be placed for teachers who may never have the same students

⁷ <https://malegislature.gov/Laws/GeneralLaws/PartI/TitleVIII/Chapter51/Section4>

⁸ <http://www.doe.mass.edu/infoservices/data/samples/sac.pdf>

⁹ <http://www.doe.mass.edu/infoservices/reports/mobility/0710.pdf>

¹⁰ <http://profiles.doe.mass.edu/mobility/default.aspx?orgcode=00460000&orgtypecode=5&fycode=2017>

in class more than once or twice in a school year due to the in and out-migration of students from the district.

10-Year Mobility Rate History

All Students	DESE Mobility Rate					Variance					
	Churn/ Intake Enroll	% Churn	% Intake	Stability Enroll	% Stability	Churn/ Intake Enroll YR to YR	% Churn	% Intake	Stability Enroll	% Stability	Churn/ Intake vs Stability Enroll
2017	8,026	9.3	5.7	7,730	94.4	34	0.40	0.60	32	(0.20)	296
2016	7,992	8.9	5.1	7,698	94.6	155	(0.10)	(0.20)	160	(0.10)	294
2015	7,837	9.0	5.3	7,538	94.7	261	0.30	-	212	0.10	299
2014	7,576	8.7	5.3	7,326	94.6	197	0.50	0.90	192	(0.50)	250
2013	7,379	8.2	4.4	7,134	95.1	231	0.20	(0.40)	230	(0.30)	245
2012	7,148	8.0	4.8	6,904	95.4	250	(0.20)	(0.10)	267	(0.30)	244
2011	6,898	8.2	4.9	6,637	95.7	119	(0.30)	(0.50)	143	0.10	261
2010	6,779	8.5	5.4	6,494	95.6	230	-	1.00	158	0.90	285
2009	6,549	8.5	4.4	6,336	94.7	95	(0.10)	(1.40)	141	(0.60)	213
2008	6,454	8.6	5.8	6,195	95.3						259

Tuition Paying Students

The Public Schools of Brookline has historically accepted non-resident tuition students into the district prior to 1973. Students who were allowed to pay tuition to attend the Public Schools of Brookline came from Boston, children of employees of the Town of Brookline (all municipal departments), METCO (1966) and the SEVIS program (One Year International Exchange). The establishment of School Choice¹¹ in 2004 forced the School Committee to change its policy. Current policies are outlined below.

The current policy is as follows:

- 1) Non-Resident, Tuition Paying Students
 - a) Students are admitted to the Public Schools of Brookline on a space available basis, in accordance with state law.
 - b) An initial letter will be sent in response to all inquiries regarding the non-resident, tuition payment program. The letter will be accompanied by an Application Packet.
 - c) Completed applications must be returned no later than April 1st and accompanied by a non-refundable \$50 application fee.
 - d) Applicants will be notified of their admission status no later than May 15. Those accepted will receive an Admissions Contract.
 - e) To reserve a seat for the following school year, the applicant must return the Admissions Contract no later than May 31, with a \$500 deposit. This deposit will be applied toward the second tuition payment due in January. The deposit is forfeited in the event that the student fails to enroll.
- 2) Non-Resident Teacher's Children
 - a) Students are admitted on a space available basis after full tuition-paying students have been admitted.
 - b) An initial letter will be sent to teachers who have made inquiries regarding the non-resident, reduced-tuition program. This letter, modified regarding dates, fees, and deposit, will be accompanied by an Application Packet, modified to omit the \$50 fee.
 - c) Completed application forms must be returned no later than April 1.
 - d) Applicants will be notified of their admission status no later than June 1. Those accepted will receive an Admissions Contract.
 - e) To reserve a seat for the following year, the applicant must return the Admissions Contract no later than June 15, with a \$50 deposit. This deposit will be applied toward the second tuition payment due in January. The deposit is forfeited in the event that the student fails to enroll.
- 3) Non-Resident School and Town Employee's Children
 - a) Students are admitted on a space available basis after applicants in Categories 1 and 2 above have been processed. (J 13)
 - b) An initial letter will be sent to all employees who have made inquiries regarding the reduced-tuition program. This letter will be accompanied by an Application Packet, modified to omit reference to the \$40 fee.
 - c) Completed applications must be received no later than April 1st
 - d) Applicants will be notified of their admission status no later than June 20. Acceptance letters will be accompanied by an Admissions Contract.
 - e) The Contract must be returned no later than June 30th accompanied by a \$50 deposit. This deposit will be applied toward the second tuition payment due in January. The deposit is forfeited in the event that the student fails to enroll in September.

¹¹ <http://www.doe.mass.edu/finance/schoolchoice/choicead.html>

1) Non-Resident, Tuition Paying Students

a. SEVIS - Student and Exchange Visitor Program

The Public Schools of Brookline has accepted international students (F1 or F2 visas) under the US Immigration and Customs Enforcement Student and Exchange Visitor Program (SEVP or SEVIS) at the High School for many years.¹² Due to the growing enrollment at Brookline High School, this program may require a sunset provision as we are projecting high school enrollment will exceed the High School's current capacity of 2200 students in the next five years. There is currently one (1) student enrolled under SEVP for the year and eight (8) under the China Exchange.

b. Non-US Citizen Students

The US Court Supreme Court ruling (Plyer v. Doe, 1982) upholding the 14th Amendment reinforces that an immigrant student cannot be denied a free and public education. Proof of Residency requirements, established by a school district, has been upheld as a district level decision.¹³ The district has posted its requirements

Frequently, the district will have preK-12 students who are attempting to enroll on visas (B) that do not allow them to be in the United States other than as a visitor. These students tend to be here on short-term basis and typically do not stay for the entire school year or arrive in the middle of the school year.

All international high school and elementary students must be in possession of a F-1 or F-2 visa to enroll in public schools which is granted when one or more of the parents is in the United States under an F-1 visa. However, it is not uncommon for one parent to have an F-1 and the rest of the family to be provided with Visitor Visas (B). Under visa regulations, students with B visas may only participate in recreation or other short-term programs. They are not to participate in a primary/secondary educational program.

2) Non-Resident Teacher's Children and

3) Non-Resident School and Town Employee's Children

a. Materials Fee Program

The Materials Fee Program began in the 1960s. The School Committee policy publishes rates back to 1987-1988 School year. It is a program that has been maintained and currently allows access to education for 202 students across all grades K-12. Of the 202 students, 27 have IEPs. All employees participate in a payroll reduction for tuition payments unless they choose to pay in full in advance of the school year. The children of non-resident teachers and non-resident school or Town employees are admitted per the guidelines set by the School Committee (School Committee Policy J.1.c). The following tables shows the PSB students enrolled in the Materials Fee Program by grade and school and annual enrollment of the Materials Fee Program since FY 2006.

¹² <https://www.ice.gov/sevis>

¹³ <http://www.brookline.k12.ma.us/domain/43>

Materials Fee Student Distribution
October 1, 2017

	K	1	2	3	4	5	6	7	8	Total
Baker										
School	2	4	3	4	2	4	4	7	3	33
Town	0	0	0	0	1	0	0	0	1	2
Devotion										
School	0	1	3	0	1	2	0	0	0	7
Town	0	0	0	0	0	0	0	0	0	0
Driscoll										
School	2	0	3	3	0	1	0	0	0	9
Town	0	0	0	0	1	0	0	0	0	1
Heath										
School	3	2	0	0	3	2	3	1	1	15
Town	0	2	2	0	1	3	1	3	0	12
Lawrence										
School	0	1	0	2	2	0	1	0	0	6
Town	0	1	0	1	1	0	0	0	0	3
Lincoln										
School	4	1	1	4	3	4	0	0	2	19
Town	1	0	0	1	0	0	0	0	1	3
Pierce										
School	2	2	2	2	1	3	2	3	0	17
Town	0	0	0	0	0	0	0	0	0	0
Runkle										
School	2	1	2	5	3	4	5	0	2	24
Town	0	0	0	0	0	0	0	0	0	0
School Total	15	12	14	20	15	20	15	11	8	130
Town Total	1	3	2	2	4	3	1	3	2	21
TOTALS	16	15	16	22	19	23	16	14	10	151
High School					9	10	11	12	PG	
School					10	10	13	5		38
Town					3	2	3	5		13
TOTAL					13	12	17	10		52
School										168
Town										34
TOTAL STUDENTS										202

Annual Enrollment Figures for PSB Students Enrolled through the Staff Materials Fee Program FY 2006 - FY 2018

Fiscal Year	School Year	K-12 Enrollment	Employee Materials Fee Enrollment	Materials Fee Enrollment as percentage of total K-12 Enrollment
FY 2006	2005-2006	5,785	99	1.71%
FY 2007	2006-2007	5,902	104	1.76%
FY 2008	2007-2008	5,908	115	1.95%
FY 2009	2008-2009	6,072	128	2.11%
FY 2010	2009-2010	6,217	135	2.17%
FY 2011	2010-2011	6,365	143	2.25%
FY 2012	2011-2012	6,598	149	2.26%
FY 2013	2012-2013	6,836	168	2.46%
FY 2014	2013-2014	7,029	178	2.53%
FY 2015	2014-2015	7,244	202	2.79%
FY 2016	2015-2016	7,411	192	2.59%
FY 2017	2016-2017	7,417	182	2.45%
FY 2018	2017-2018	7,526	202	2.68%

Students Admitted through Grants and State Aid

Metropolitan Council for Educational Opportunity (METCO)

The superintendent of schools is authorized by the School Committee to admit new students from the Metropolitan Council for Educational Opportunity (METCO) program from Pre-K through Grade 4. In 1966, METCO Inc. was established and seven school districts (Brookline, Braintree, Lincoln, Arlington, Lexington, Newton and Wellesley) became the first towns to accept students. METCO Inc. facilitates the student referral process and day-to-day operations.¹⁴

The METCO Program is a grant program funded by the Commonwealth of Massachusetts. It is a voluntary program intended to expand educational opportunities, increase diversity, and reduce racial isolation, by permitting students in certain cities to attend public schools in other communities that have agreed to participate. The Program has been in existence since 1966 and was originally funded through a grant by the Carnegie Foundation and United States Office of Education. The program grew out of the dissatisfaction and frustration with the Boston School Committee. A large number of black parents boycotted the Boston Public Schools for their failure to integrate. As this was happening, the Brookline Civil Rights Committee of Brookline, MA broached the possibility of enrolling black students from Boston in the Brookline Public Schools, sparking the conversation that would lead to the development of the METCO concept. The School Committee's guideline for total enrollment for METCO is 300 students, however this ceiling is considered flexible.¹⁵

*METCO Student Distribution
October 1, 2017*

	K	1	2	3	4	5	6	7	8	Total
Baker	5	5	5	5	3	4	5	5	4	41
Devotion	5	3	7	3	2	3	1	2	1	27
Driscoll	7	2	2	1	2	4	2	3	4	27
Heath	2	7	0	0	4	0	2	2	2	19
Lawrence	4	3	3	3	2	1	2	2	4	24
Lincoln	4	2	3	4	3	6	3	3	2	30
Pierce	6	3	2	0	2	2	4	3	2	24
Runkle	0	0	2	4	0	0	2	1	1	10
TOTAL	33	25	24	20	18	20	21	21	20	202
						9	10	11	12	Total
High School						31	26	18	16	91
Total Students										293

¹⁴ <http://www.doe.mass.edu/finance/schoolchoice/choice-guide.html> and <https://en.wikipedia.org/wiki/METCO>

¹⁵ *School Committee Policy Manual J.1.b., page J10*

Annual Enrollment Figures for PSB Students Enrolled in METCO FY 2006 - FY 2018

Fiscal Year	School Year	K-12 Enrollment	METCO Enrollment	METCO Enrollment as percentage of total K-12 Enrollment
FY 2006	2005-2006	5785	300	5.19%
FY 2007	2006-2007	5902	291	4.93%
FY 2008	2007-2008	5908	292	4.94%
FY 2009	2008-2009	6072	300	4.94%
FY 2010	2009-2010	6217	300	4.83%
FY 2011	2010-2011	6365	305	4.79%
FY 2012	2011-2012	6598	297	4.50%
FY 2013	2012-2013	6836	296	4.33%
FY 2014	2013-2014	7029	297	4.23%
FY 2015	2014-2015	7244	296	4.09%
FY 2016	2015-2016	7411	293	3.95%
FY 2017	2016-2017	7417	292	3.94%
FY 2018	2017-2018	7526	291	3.87%

Enrollment Projection Data

Ten Year Enrollment Projections

Progression Rates: Progression rates from birth to K are comparison of current Kindergarten enrollment to births to mothers residing in the Town of Brookline. It is the net of new residents to the town, individuals moving out of town, children attending private school, and children with a delayed entry into Kindergarten. Progression Rates for all other grades, is the comparison of the grade enrollment with the corresponding cohort from the prior year; it is the net of the in and out migration and grade retention.

Ten-Year Enrollment Projection - No New Housing Developments

Progression Rates

<u>Grade</u>	<u>Progression Rate</u>
K	0.94
1	1.01
2	0.98
3	1.01
4	0.98
5	0.99
6	0.98
7	0.98
8	0.98
9	1.00
10	1.02
11	0.98
12	1.01

Progression rates based on five year average

Ten Year Enrollment Projection

Kindergarten enrollment for FY19 through FY23 based on actual births. Kindergarten enrollment for FY24 through FY28 based on 615 projected births which is the projected average over the last three years.

<u>Grade (A)</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>FY23</u>	<u>FY24</u>	<u>FY25</u>	<u>FY26</u>	<u>FY27</u>	<u>FY28</u>
K	609	704	649	631	620	604	619	619	619	619	619
1	568	616	712	656	638	627	611	626	626	626	626
2	630	557	604	698	643	626	615	599	614	614	614
3	691	637	563	611	705	650	633	622	605	621	621
4	621	678	625	552	599	691	637	621	610	593	609
5	660	615	672	619	547	594	685	631	615	604	588
6	585	647	603	659	607	537	583	672	619	603	592
7	550	574	635	591	646	595	527	572	659	607	591
8	568	539	563	623	580	634	584	517	561	646	595
Subtotal	5,482	5,567	5,626	5,640	5,585	5,558	5,494	5,479	5,528	5,533	5,455
9	531	568	539	563	623	580	634	584	517	561	646
10	510	542	580	550	575	636	592	647	596	528	573
11	497	500	532	569	539	564	624	581	635	585	518
12	506	502	505	538	575	545	570	631	587	642	591
Subtotal	2,044	2,112	2,156	2,220	2,312	2,325	2,420	2,443	2,335	2,316	2,328
TOTAL	7,526	7,679	7,782	7,860	7,897	7,883	7,914	7,922	7,863	7,849	7,783

(A) Based on September 30, 2017 enrollment figures.

Preliminary Projected Enrollments EXCLUDING new housing developments.

Kindergarten projections include 40 students/year to reflect School Committee Policy regarding METCO/Material Fee student admission.

Ten-Year Enrollment Projection - New Housing Developments

See page 27 for a list of the known developments included in this year's report.

Progression Rates

<u>Grade</u>	<u>Progression Rate</u>
K	0.94
1	1.01
2	0.98
3	1.01
4	0.98
5	0.99
6	0.98
7	0.98
8	0.98
9	1.00
10	1.02
11	0.98
12	1.01

Progression rates based on five year average

Ten Year Enrollment Projection

Kindergarten enrollment for FY19 through FY23 based on actual births. Kindergarten enrollment for FY24 through FY28 based on 615 projected births which is the projected average over the last three years. **Projections for all grades reflect projected enrollment resulting from new housing developments.**

<u>Grade (A)</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>FY23</u>	<u>FY24</u>	<u>FY25</u>	<u>FY26</u>	<u>FY27</u>	<u>FY28</u>
K	609	704	653	644	656	640	655	655	666	677	716
1	568	616	714	665	664	663	647	662	662	673	684
2	630	557	607	708	672	651	650	635	649	649	660
3	691	637	566	621	733	679	658	657	642	656	656
4	621	678	629	565	635	719	666	645	644	630	643
5	660	615	675	631	580	629	712	660	639	638	624
6	585	647	606	669	636	569	617	698	647	627	626
7	550	574	638	601	673	624	558	605	685	635	615
8	568	539	566	633	607	660	612	547	593	672	623
Subtotal	5,482	5,567	5,654	5,737	5,856	5,834	5,775	5,764	5,827	5,857	5,847
9	531	568	544	577	662	607	660	612	547	593	672
10	510	542	585	566	618	676	620	674	625	558	605
11	497	500	532	574	555	606	663	608	661	613	547
12	506	502	505	538	580	561	613	670	615	668	620
Subtotal	2,044	2,112	2,166	2,255	2,415	2,450	2,556	2,564	2,448	2,432	2,444
TOTAL	7,526	7,679	7,820	7,992	8,271	8,284	8,331	8,328	8,275	8,289	8,291

(A) Based on September 30, 2017 enrollment figures.

Preliminary Projected Enrollments INCLUDING new housing developments.

Kindergarten projections include 40 students/year to reflect School Committee Policy regarding METCO/Material Fee student admission.

Historical Birth-to-K Progression Rates

Using a five-year average for progression rates is the accepted methodology. While using a three-year average for projecting births, takes into accounts the short-term changes that may occur in birth rates in a town when there are changes in population demographics.

HISTORICAL BIRTH-to-K PROGRESSION RATES		
<u>Year</u>	<u>Rate</u>	
05-06	0.79	
06-07	0.92	
07-08	0.76	
08-09	0.80	
09-10	0.86	
10-11	0.90	
11-12	0.89	
12-13	1.00	Average
13-14	0.98	0.94
14-15	1.03	
15-16	0.93	
16-17	0.84	
17-18	0.92	

Brookline Births per Year

Using a three-year average for projecting births, takes into account the short-term changes that may occur in birth rates in a town when there are changes in population demographics. While using a five-year average for progression rates is an accepted methodology. (A graph of this data can be found on page 30.)

Annual Births and Kindergarten Enrollment 1999 - 2017

Birth Year	Actual Births		Kindergarten Year (1)	Enrollment
99-00	614		05-06	485
00-01	599		06-07	550
01-02	649		07-08	496
02-03	691		08-09	536
03-04	696		09-10	593
04-05	605		10-11	546
05-06	674		11-12	602
06-07	663		12-13	666
07-08	671		13-14	630
08-09	633		14-15	684
09-10	676		15-16	633
10-11	654		16-17	583
11-12	632		17-18	609
12-13	679		18-19	
13-14	611		19-20	
14-15	594		20-21	
15-16	586		21-22	
16-17	600	(2)	22-23	

*Projected Average
for Births*

615

(1) Birth counts are based on kindergarten eligibility dates - September 1 to August 31

(2) Projected births for the period September 1, 2016 to August 31, 2017 based on 585 actual births-to-date recorded by Town Clerk as of November 15, 2017. It may be several months before final numbers are received.

Source: Town of Brookline Town Clerk

New Housing/Development Projection Model

This Housing/Development Projection Model is still in testing and development. The intent and purpose of the model is to calculate in some way the student impact and add them to enrollment projections in the years the development is anticipated to come online and have residents. The model under development is comparing recent or similar properties as the ones being proposed with the district student information over the last three years to see what correlation can be made for number of students and potential grade level. Overtime, as these developments come online, they will also be part of the base model of calculating new developments in the future. This model does not project any conversion by right for smaller multi-family or condo conversions. A condo conversion study will need to be completed by a third party hired by the Board of Selectmen to inform Planning and the Assessors.

Project	Total # Units	Studio	1-Bed	2-Bed	3-Bed	4-Bed	Projected Students K through 12	District	Year Complete	School Year Impacted
Student Generation Ratio			8.37%	49.31%	85.14%	160.61%				
40 Centre St	40	16	14	5	5				08/17/2019	2019-2020
Projected Students			1	2	4		7	Devotion		
420 Harvard	25	3	6	11	5				07/18/2019	2019-2020
Projected Students			1	5	4		10	Devotion		
Waldo/Durgin	299	7	158	104	30				04/13/2021	2021-2022
Projected Students			13	51	26		90	Devotion		
455 Harvard	17		10	5	2				07/22/2019	2019-2020
Projected Students			1	2	2		5	Devotion		
134 Babcock	52	22	19	5	6				10/12/2019	2019-2020
Projected Students			2	2	5		9	Devotion		
1200 Beacon (Holiday Inn)*	142	14	78	50					04/13/2021	2021-2022
Projected Students			7	25			32	Lawrence		
21 Crowninshield	8				8				06/30/2019	2019-2020
Projected Students					7		7	Devotion		
Hancock Village - ROSB	161		57	59	22	23			02/18/2020	2020-2021
Projected Students			5	29	19	37	90	Baker		
Hancock Village - Puddingstone	230		65	133	20	12			02/06/2021	2021-2022
Projected Students			5	66	17	19	107	Baker		
TOTALS	974	62	407	372	98	35				
Projected Students			35	182	84	56	357			

Next Steps to Continue Developing the Model

The Planning and Community Development Department (Planning) has identified an additional 19 existing rental properties to provide a broader and sounder representation of the rental developments currently in the permitting process, including inclusionary housing projects (including affordable housing units) and tall (8+ story) apartment buildings. The School Department will be reaching out to each of the property owners for the “Rent Roll” and apply the address information to the student information system and the projection model.

In future enrollment reports, the Enrollment Working Group may consider whether the model is representative of proposed developments with respect to both the building form (e.g., townhomes, mid-rise, high-rise) as well as the percentage of units required to offer preference to households of a minimum size. The minimum household size requirement is a condition of financing as part of developers' Affirmative Fair Housing Marketing and Resident Selection Plan for affordable housing units. Presumably, each iteration of the enrollment report will be based on an evolving understanding of existing conditions and trends.

The Enrollment Working Group will continue to evaluate enrollment change by census block. If and when mapping indicates uneven enrollment growth in specific neighborhoods, the group will test potential correlation between enrollment increases and various types of property modifications (e.g., significant renovation, creation of additional bedrooms, conversion from rental to ownership, creation of additional units within buildings, construction of new residential structures, etc.)

For purposes of projecting school enrollment for facility planning purposes, the Planning Department will continue to work with the Enrollment Working Group to estimate and monitor the number of school children that could be generated by (re)development of a particular site in a particular school district. However, Planning is very concerned about the validity of adding these potential numbers to the underlying enrollment model that is based on birth and progression rates. As noted above, available historical data between Town-wide school enrollment and Town-wide housing growth does not suggest a correlation between the two factors.

Additional properties to monitor and consider including in the model include:

Inclusionary Projects:

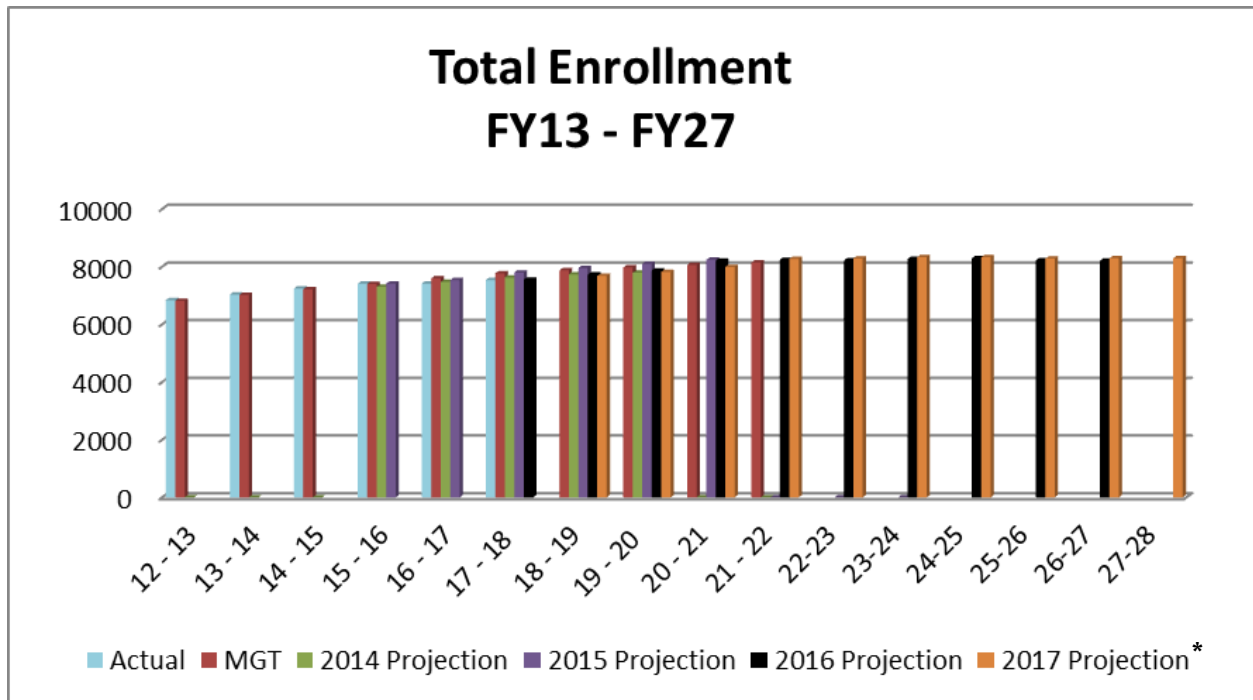
- 45 Marion
- 1470 Beacon Street
- 72-76 Kent Street & 73-77 Linden
- 77 Marion Street/1405 Beacon Street
- 110-112 Cypress Street
- 6 Woodcliff Street Road
- 75-81 Boylston Street
- 20 Englewood Ave.

Tall (8+ Story Apartment Buildings):

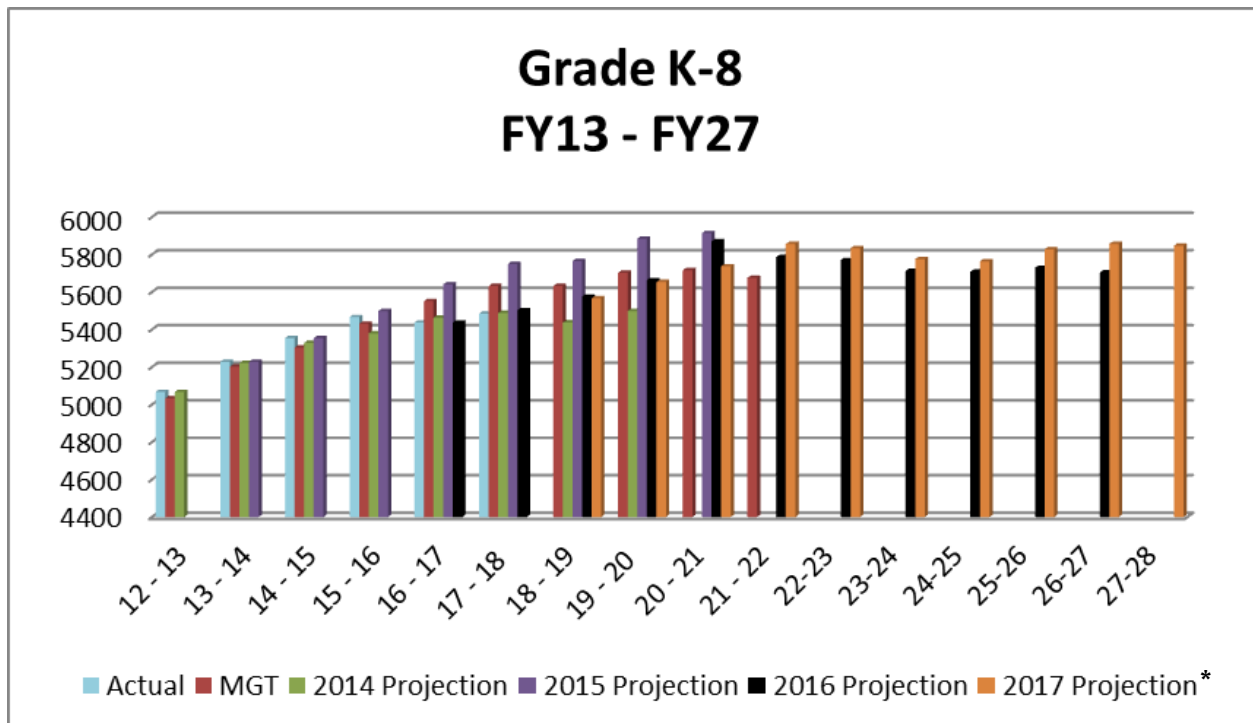
- 1440 Beacon St
- 1401 Beacon St
- 1284 Beacon St
- 1443 Beacon St
- 101 Monmouth
- 1530 Beacon St
- 175,185 Freeman St
- 49 Marion St
- 133 Park St/ 1371 Beacon
- 1501 Beacon St
- 1111 Beacon St

Additional Charts/Tables

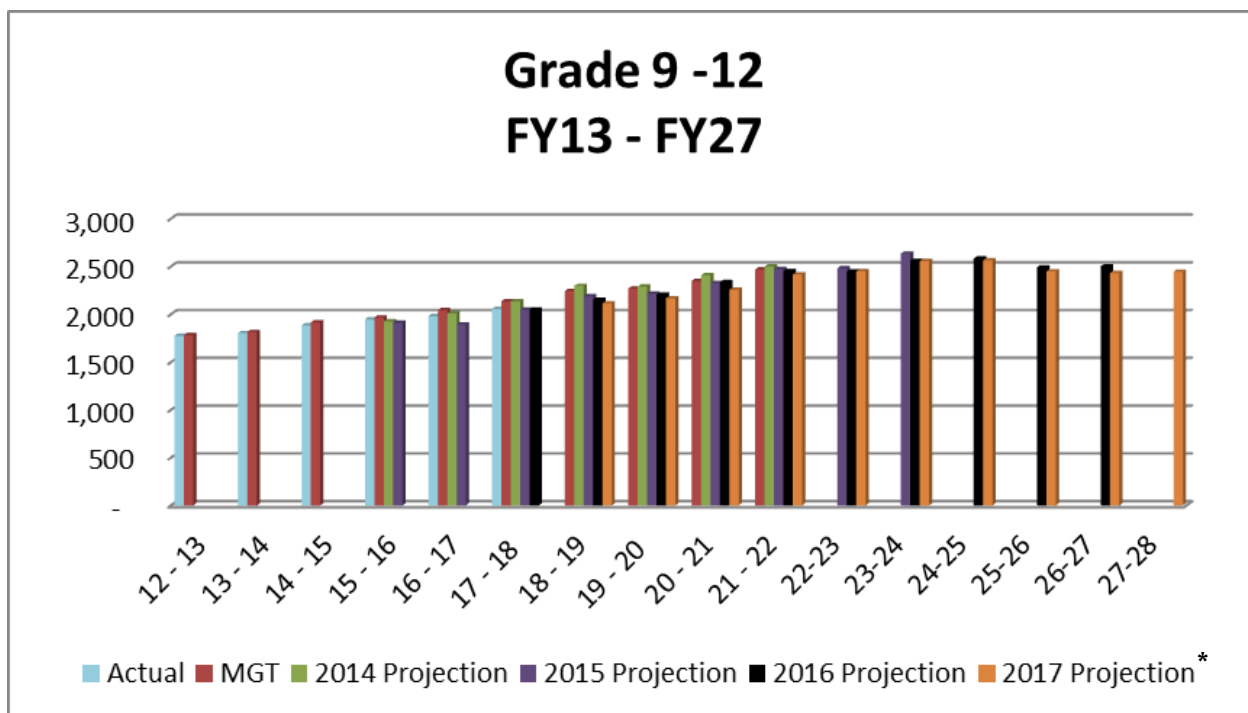
Enrollment Projections vs. Actual



* 2017 Projection includes new housing developments



* 2017 Projection includes new housing developments

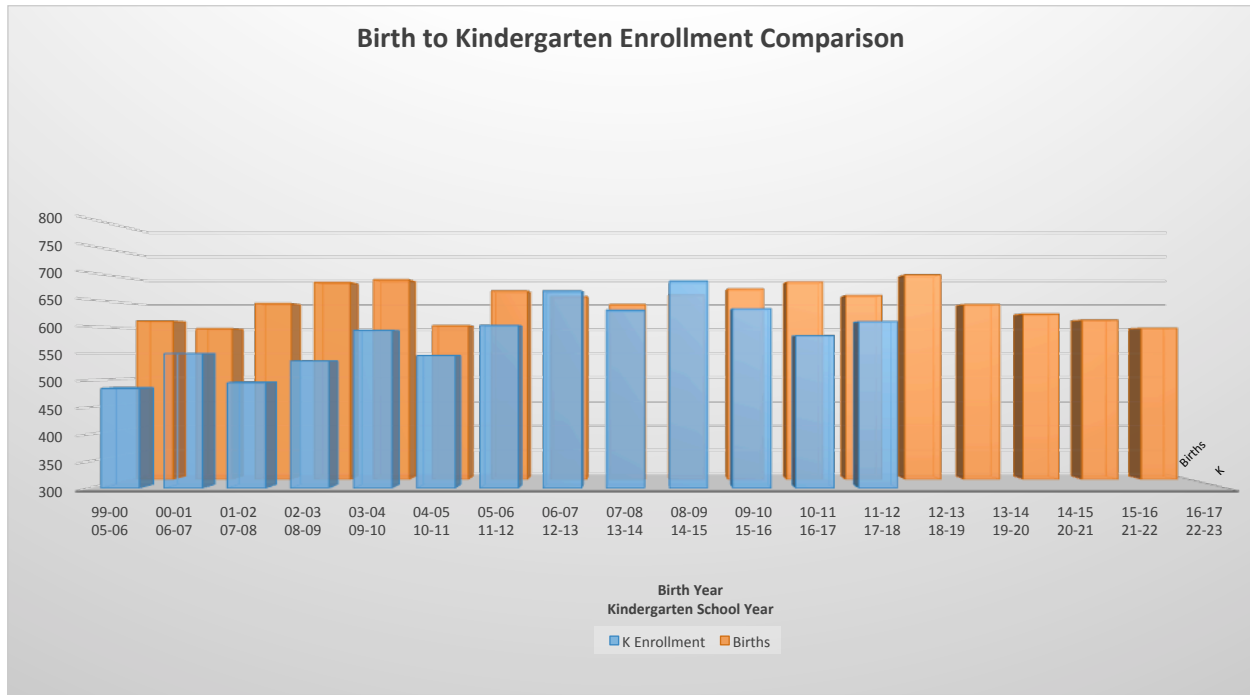


* 2017 Projection includes new housing developments

Sources:

1. 2016 Preliminary Enrollment Projection
{<https://www.brookline.k12.ma.us/cms/lib/MA01907509/Centricity/Domain/4/2016%20Enrollment%20Report.pdf>}
2. DESE State Enrollment Data - Reported Enrollment 2007 to date
{<http://profiles.doe.mass.edu/profiles/student.aspx?orgcode=00460000&orgtypecode=5>}
3. 2007 - 2014 Action History due to enrollment
{https://www.brookline.k12.ma.us/cms/lib/MA01907509/Centricity/Domain/25/History_of_Enrollment_Actions.pdf}
4. BROOKLINE SCHOOL POPULATION AND CAPACITY EXPLORATION (B-SPACE) COMMITTEE - Final Report September, 2013
{<http://www.brookline.ma.gov/DocumentCenter/View/2604>}
5. Enrollment, Capacity, and Utilization Study Draft Final Report April 2, 2012 (MGT)
{<https://drive.google.com/file/d/1KylNj8qWgkPsV1Xo9iF9M5-QXkdfRWk/view>}

Kindergarten Births to Kindergarten Enrollment



Brookline School Progression Rates: FY 1977- FY 2018

BROOKLINE SCHOOL PROGRESSION RATES

10/1/2017

Year	K	1	2	3	4	5	6	7	8	9	10	11	12	<u>TOTAL</u>		System Total
														K-8	9-12	
76-77																
77-78		1.14	1.05	1.00	1.06	1.02	1.03	1.00	0.99	1.05	1.03	1.00	1.06	1.01	1.02	1.01
78-79		1.00	0.98	0.98	1.08	1.05	1.04	1.03	1.03	1.11	1.02	1.03	1.10	0.99	1.04	1.01
79-80		1.06	1.05	0.99	0.98	1.01	1.02	0.98	0.99	1.04	0.98	1.00	1.11	0.98	1.00	0.99
80-81		1.02	1.04	1.01	0.98	1.01	0.98	1.00	1.01	1.02	0.99	0.99	1.07	0.97	0.97	0.97
81-82		1.12	1.03	0.96	0.97	1.03	1.00	0.95	0.98	0.97	0.99	0.99	1.07	0.96	0.97	0.96
82-83		1.02	0.96	1.00	1.00	0.99	1.02	1.01	0.98	0.98	1.06	1.03	1.04	0.94	0.99	0.96
83-84		1.10	1.08	1.03	0.98	1.01	1.03	1.02	1.01	1.19	1.01	1.04	1.12	0.99	1.04	1.01
84-85		1.07	1.05	1.02	1.07	1.03	1.07	0.97	1.00	1.09	1.03	1.03	1.05	0.98	1.04	1.00
85-86		1.11	1.01	1.05	1.05	1.03	1.01	0.98	1.04	1.09	1.06	1.00	1.06	1.00	1.01	1.00
86-87		1.05	0.98	0.97	1.02	1.00	0.99	1.00	0.98	1.04	1.05	1.00	1.04	0.98	0.98	0.98
87-88		1.04	1.04	0.97	1.04	1.01	1.01	0.98	0.98	1.05	1.04	0.98	0.96	1.00	0.92	0.97
88-89		1.12	1.01	1.01	1.01	1.03	0.99	0.96	1.02	1.11	1.08	1.02	0.99	1.02	0.95	1.00
89-90		1.03	1.03	1.05	1.04	0.99	1.02	1.01	1.01	1.11	1.04	1.00	1.00	1.04	0.97	1.01
90-91		1.08	1.05	0.95	0.99	1.00	1.02	0.98	1.02	1.14	1.06	1.05	0.98	1.02	0.99	1.01
91-92		1.12	1.04	1.06	1.01	1.02	1.03	0.94	1.00	1.12	1.03	0.97	0.98	1.05	0.97	1.02
92-93		1.13	1.05	1.03	1.07	0.97	1.03	0.97	1.06	1.07	1.00	0.99	0.98	1.05	0.96	1.02
93-94		1.06	0.99	0.97	1.02	1.03	1.05	1.02	0.98	1.05	1.05	1.04	0.95	1.04	0.98	1.02
94-95		1.10	1.01	0.99	1.00	1.01	0.94	0.96	0.96	1.04	1.03	1.02	1.01	1.00	1.03	1.01
95-96		1.10	1.03	1.00	0.97	1.01	1.03	0.96	1.01	1.06	1.08	1.03	0.98	1.02	1.01	1.02
96-97		1.15	1.05	0.98	1.02	0.99	0.97	0.93	0.99	1.07	1.00	0.97	0.96	1.01	0.99	1.00
97-98		1.14	1.04	1.01	0.95	1.01	0.97	0.93	1.00	1.00	1.00	1.01	0.99	0.99	1.02	1.00
98-99		1.04	0.96	0.99	1.01	0.99	0.97	0.98	1.01	0.96	0.97	0.95	0.97	0.99	0.98	0.98
99-00		1.04	1.02	0.98	0.96	1.00	0.99	0.96	1.00	1.02	1.03	1.04	1.00	0.99	1.04	1.00
00-01		1.05	1.05	1.01	1.02	0.97	0.98	0.97	1.00	1.06	1.06	1.01	0.97	0.99	1.05	1.01
01-02		1.04	1.03	1.00	1.00	0.96	0.96	0.95	0.97	1.05	1.03	0.95	1.01	0.97	1.02	0.99
02-03		1.07	1.00	0.97	0.98	0.96	1.02	0.99	1.00	1.06	1.02	0.94	0.98	0.99	0.98	0.99
03-04		1.02	1.00	0.98	0.97	0.98	0.96	1.00	0.99	1.04	1.03	0.99	0.97	0.97	1.03	0.99

BROOKLINE SCHOOL PROGRESSION RATES**10/1/2017**

Year	K	1	2	3	4	5	6	7	8	9	10	11	12	<u>TOTAL</u>		System
														K-8	9-12	Total
04-05		1.06	1.03	0.96	1.03	0.98	1.00	0.91	1.00	1.02	1.02	0.97	0.97	0.99	0.98	0.99
05-06	0.79	1.02	1.06	1.04	1.03	1.00	1.03	0.99	1.03	1.03	1.03	0.97	1.01	1.00	0.99	1.00
06-07	0.92	1.02	1.00	1.03	0.97	1.03	0.98	1.01	0.97	1.06	1.02	1.00	1.01	1.04	0.98	1.02
07-08	0.76	0.96	1.04	1.03	0.99	0.99	0.94	0.96	1.02	1.02	1.04	0.96	1.02	1.01	0.98	1.00
08-09	0.80	1.04	1.06	1.05	1.03	0.99	0.99	1.00	0.98	1.05	1.00	1.00	0.99	1.05	0.98	1.03
09-10	0.86	1.01	1.00	0.98	1.00	0.99	0.98	1.00	0.97	1.06	1.05	0.99	0.99	1.04	0.98	1.02
10-11	0.90	1.04	1.03	1.03	0.97	0.99	0.99	0.97	1.01	1.02	1.05	0.99	1.01	1.04	0.99	1.02
11-12	0.89	1.01	1.06	0.99	1.00	1.02	0.97	0.98	1.00	1.02	1.05	1.01	1.00	1.04	1.03	1.04
12-13	1.00	1.05	0.98	0.99	1.01	0.97	1.02	0.95	1.02	1.03	1.05	0.99	1.00	1.05	1.00	1.04
13-14	0.98	1.02	0.98	1.00	1.01	0.98	1.00	0.97	1.00	1.04	1.02	0.99	0.97	1.03	1.02	1.03
14-15	1.03	1.02	1.01	1.00	0.98	0.97	0.96	0.97	0.95	1.00	1.03	0.97	1.00	1.02	1.05	1.03
15-16	0.93	1.02	0.96	1.03	0.96	1.04	0.96	1.00	1.00	0.99	1.03	1.00	1.03	1.02	1.03	1.02
16-17	0.84	0.99	0.97	1.02	0.96	0.98	0.99	0.94	0.98	0.99	1.02	0.97	1.00	0.99	1.02	1.00
17-18	0.92	0.98	1.00	1.02	0.98	0.97	1.00	1.00	0.99	1.00	1.02	0.98	1.03	1.01	1.03	1.01

Brookline School Enrollment: FY 1977 - FY 2018

BROOKLINE SCHOOL ENROLLMENT															10/1/2017				
School															TOTAL		System		
Year	Births*	K	1	2	3	4	5	6	7	8	9	10	11	12	SP	K-8	9-12	Total	Chg
76-77		404	491	442	452	471	439	480	501	501	473	499	511	532	20	4201	2015	6216	
77-78		411	459	517	444	479	479	450	478	497	525	486	501	543	17	4231	2055	6286	70
78-79		373	413	451	508	480	501	497	463	492	553	533	501	551	19	4197	2138	6335	49
79-80		367	394	433	448	498	485	513	486	460	513	540	534	558	16	4100	2145	6245	-90
80-81		330	374	409	438	437	503	476	515	491	469	509	533	574	20	3993	2085	6078	-167
81-82		314	369	387	392	424	448	502	454	505	478	464	505	570	25	3820	2017	5837	-241
82-83		294	321	355	388	393	418	455	505	446	493	508	480	523	30	3605	2004	5609	-228
83-84		337	323	346	365	381	395	429	465	510	530	497	527	539	23	3574	2093	5667	58
84-85		350	359	340	353	389	394	423	417	466	558	545	514	552	26	3517	2169	5686	19
85-86		361	390	362	356	370	399	396	414	434	507	591	544	543	35	3517	2185	5702	16
86-87		343	380	383	350	362	369	397	397	405	453	531	589	567	60	3446	2140	5586	-116
87-88		377	358	397	373	364	367	373	388	388	427	469	520	563	59	3444	1979	5423	-163
88-89		398	421	361	401	377	376	362	358	394	430	460	480	517	70	3518	1887	5405	-18
89-90		417	411	433	379	416	372	383	364	363	436	449	460	479	110	3648	1824	5472	67
90-91		400	451	433	413	376	417	380	376	370	413	463	471	453	106	3722	1800	5522	50
91-92		451	449	471	457	419	385	430	358	376	413	426	451	460	104	3900	1750	5650	128
92-93		461	510	473	487	488	408	398	416	380	402	415	420	442	88	4109	1679	5788	138
93-94		465	490	505	461	495	504	428	404	407	399	423	432	398	100	4259	1652	5911	123
94-95		417	510	495	501	461	499	473	409	386	425	409	432	437	95	4246	1703	5949	38
95-96		423	458	523	493	485	467	516	455	412	409	459	421	423	96	4328	1712	6040	91
96-97		421	487	479	511	501	479	452	478	451	440	411	443	406	105	4364	1700	6064	24
97-98		425	478	507	485	486	504	467	419	477	449	438	414	438	88	4336	1739	6075	11
98-99		424	442	460	502	492	482	487	459	422	458	436	415	401	101	4271	1710	5981	-94
99-00	614	402	439	450	453	483	491	475	469	458	430	470	454	417	100	4220	1771	5991	10
00-01	599	400	424	460	455	462	470	482	460	467	486	454	477	440	104	4184	1857	6041	50
01-02	649	397	415	435	459	457	442	452	456	448	489	501	431	482	98	4059	1903	5962	-79
02-03	691	426	423	413	420	448	441	451	447	456	475	500	473	422	92	4017	1870	5887	-75
03-04	696	396	436	425	404	408	439	424	451	444	475	491	493	461	87	3914	1920	5834	-53

BROOKLINE SCHOOL ENROLLMENT

10/1/2017

School																<u>TOTAL</u>		System	Chg
Year	Births*	K	1	2	3	4	5	6	7	8	9	10	11	12	SP	K-8	9-12	Total	
04-05	605	418	418	447	409	417	400	440	386	450	452	486	474	479	103	3888	1891	5779	-55
05-06	674	485	425	441	467	423	418	412	434	399	465	466	472	478		3904	1881	5785	6
06-07	663	550	496	425	453	453	435	409	418	423	424	475	466	475		4062	1840	5902	117
07-08	647	495	527	514	438	449	448	408	394	425	432	443	456	477	2	4098	1810	5908	6
08-09	666	552	516	556	539	452	444	444	409	387	445	432	443	450	3	4299	1773	6072	164
09-10	678	596	556	516	544	539	449	435	443	395	409	466	427	437	5	4473	1744	6217	145
10-11	692	545	618	572	532	527	532	445	424	448	402	428	460	431	1	4643	1722	6365	148
11-12	665	602	550	658	567	532	538	516	437	425	458	421	432	459	3	4825	1773	6598	233
12-13	706	666	633	539	651	574	517	549	492	446	436	479	416	432	6	5067	1769	6836	238
13-14	647	631	676	618	539	656	562	519	533	493	466	445	475	403	13	5227	1802	7029	193
14-15	628	685	645	685	620	530	634	541	506	507	494	478	431	473	15	5353	1891	7244	215
15-16	616	633	696	621	704	598	553	610	543	507	500	507	480	446	13	5465	1946	7411	167
16-17	600	582	627	678	633	677	584	549	576	531	500	509	492	479		5437	1980	7417	6
17-18		609	568	630	691	621	660	585	550	568	531	510	497	506		5482	2044	7526	109

* Births reflect the enrollment year, September 1, YYYY to August 31, YYYY

K - 8 Enrollment by School: FY 1977 - FY 2018

BAKER

School Year	ENROLLMENT												PROGRESSION RATE								
	K %	K	1	2	3	4	5	6	7	8	SP	Total	1	2	3	4	5	6	7	8	Total
81-82	10.19%	32	45	48	37	43	59	54	53	64	5	440									
82-83	7.48%	22	38	45	50	38	40	60	58	52	6	409	1.19	1.00	1.04	1.03	0.93	1.02	1.07	0.98	0.93
83-84	10.68%	36	28	45	44	53	41	46	63	60	6	422	1.27	1.18	0.98	1.06	1.08	1.15	1.05	1.03	1.03
84-85	11.71%	41	38	30	51	47	51	43	40	63	4	408	1.06	1.07	1.13	1.07	0.96	1.05	0.87	1.00	0.97
85-86	12.47%	45	39	41	37	44	46	46	32	36	6	372	0.95	1.08	1.23	0.86	0.98	0.90	0.74	0.90	0.91
86-87	10.79%	37	44	42	38	40	39	41	51	32	6	370	0.98	1.08	0.93	1.08	0.89	0.89	1.11	1.00	0.99
87-88	10.08%	38	39	42	45	44	40	41	41	50	6	386	1.05	0.95	1.07	1.16	1.00	1.05	1.00	0.98	1.04
88-89	11.56%	46	45	42	47	47	43	39	42	41	7	399	1.18	1.08	1.12	1.04	0.98	0.98	1.02	1.00	1.03
89-90	11.03%	46	54	46	45	51	43	40	34	45	34	438	1.17	1.02	1.07	1.09	0.91	0.93	0.87	1.07	1.10
90-91	14.75%	59	48	59	48	44	56	42	38	37	31	462	1.04	1.09	1.04	0.98	1.10	0.98	0.95	1.09	1.05
91-92	15.74%	71	66	56	70	49	45	65	37	41	36	536	1.12	1.17	1.19	1.02	1.02	1.16	0.88	1.08	1.16
92-93	15.62%	72	67	71	61	74	50	44	67	44	32	582	0.94	1.08	1.09	1.06	1.02	0.98	1.03	1.19	1.09
93-94	14.62%	68	81	69	69	60	71	54	41	68	31	612	1.13	1.03	0.97	0.98	0.96	1.08	0.93	1.01	1.05
94-95	12.23%	51	81	65	64	74	64	70	47	44	33	593	1.19	0.80	0.93	1.07	1.07	0.99	0.87	1.07	0.97
95-96	14.42%	61	68	96	72	63	75	67	63	46	33	644	1.33	1.19	1.11	0.98	1.01	1.05	0.90	0.98	1.09
96-97	15.68%	66	78	81	85	68	62	75	58	56	31	660	1.28	1.19	0.89	0.94	0.98	1.00	0.87	0.89	1.02
97-98	14.59%	62	67	79	68	77	73	65	66	54	31	642	1.02	1.01	0.84	0.91	1.07	1.05	0.88	0.93	0.97
98-99	15.57%	66	64	60	90	72	78	68	64	67	34	663	1.03	0.90	1.14	1.06	1.01	0.93	0.98	1.02	1.03
99-00	15.42%	62	75	68	61	84	73	77	70	65	32	667	1.14	1.06	1.02	0.93	1.01	0.99	1.03	1.02	1.01
00-01	18.50%	74	73	77	76	70	86	80	74	74	35	719	1.18	1.03	1.12	1.15	1.02	1.10	0.96	1.06	1.08
01-02	15.37%	61	62	58	79	72	68	76	71	73	32	652	0.84	0.79	1.03	0.95	0.97	0.88	0.89	0.99	0.91
02-03	12.21%	52	60	57	56	75	66	70	77	67	28	608	0.98	0.92	0.97	0.95	0.92	1.03	1.01	0.94	0.93
03-04	14.14%	56	59	64	66	56	77	66	63	74	27	608	1.13	1.07	1.16	1.00	1.03	1.00	0.90	0.96	1.00
04-05	17.22%	72	63	60	76	74	54	79	58	65	27	628	1.13	1.02	1.19	1.12	0.96	1.03	0.88	1.03	1.03
05-06	15.26%	74	75	64	79	72	78	62	76	66		646	1.04	1.02	1.32	0.95	1.05	1.15	0.96	1.14	1.03
06-07	14.55%	80	77	74	66	70	75	79	54	75		650	1.04	0.99	1.03	0.89	1.04	1.01	0.87	0.99	1.01
07-08	16.77%	83	78	76	78	70	69	69	67	51		641	0.98	0.99	1.05	1.06	0.99	0.92	0.85	0.94	0.99
08-09	14.67%	81	93	83	81	76	58	70	67	62		671	1.12	1.06	1.07	0.97	0.83	1.01	0.97	0.93	1.05
09-10	15.27%	91	85	83	77	74	66	53	64	64		657	1.05	0.89	0.93	0.91	0.87	0.91	0.91	0.96	0.98
10-11	15.05%	82	97	84	91	82	72	70	54	65		697	1.07	0.99	1.10	1.06	0.97	1.06	1.02	1.02	1.06
11-12	14.12%	85	79	102	84	78	79	66	57	48		678	0.96	1.05	1.00	0.86	0.96	0.92	0.81	0.89	0.97
12-13	14.86%	99	98	76	102	89	75	76	60	61		736	1.15	0.96	1.00	1.06	0.96	0.96	0.91	1.07	1.09
13-14	12.36%	78	113	89	71	102	89	82	71	59		754	1.14	0.91	0.93	1.00	1.00	1.09	0.93	0.98	1.02
14-15	16.35%	112	92	115	88	75	98	87	78	69		814	1.18	1.02	0.99	1.06	0.96	0.98	0.95	0.97	1.08
15-16	11.69%	74	111	79	112	79	77	97	85	79		793	0.99	0.86	0.97	0.90	1.03	0.99	0.98	1.01	0.97
16-17	14.26%	83	76	103	72	106	80	74	91	79		764	1.03	0.93	0.91	0.95	1.01	0.96	0.94	0.93	0.96
17-18	12.81%	78	86	76	111	68	101	85	75	83		763	1.04	1.00	1.08	0.94	0.95	1.06	1.01	0.91	1.00

DEVOTION

School	ENROLLMENT												PROGRESSION RATE									
	Year	K %	K	1	2	3	4	5	6	7	8	SP	Total	1	2	3	4	5	6	7	8	Total
81-82	20.06%	63	85	81	85	93	81	96	84	91			759									
82-83	22.45%	66	60	78	77	85	96	84	97	80			723	0.95	0.92	0.95	1.00	1.03	1.04	1.01	0.95	0.95
83-84	19.88%	67	73	70	77	72	88	99	87	102			735	1.11	1.17	0.99	0.94	1.04	1.03	1.04	1.05	1.02
84-85	22.00%	77	79	83	69	86	77	99	101	77			748	1.18	1.14	0.99	1.12	1.07	1.13	1.02	0.89	1.02
85-86	20.50%	74	80	84	94	81	92	85	105	103			798	1.04	1.06	1.13	1.17	1.07	1.10	1.06	1.02	1.07
86-87	18.37%	63	71	69	70	74	70	76	73	95			661	0.96	0.86	0.83	0.79	0.86	0.83	0.86	0.90	0.83
87-88	18.04%	68	63	69	65	64	71	71	73	70			614	1.00	0.97	0.94	0.91	0.96	1.01	0.96	0.96	0.93
88-89	17.34%	69	78	59	67	67	71	82	66	84	7		650	1.15	0.94	0.97	1.03	1.11	1.15	0.93	1.15	1.06
89-90	16.07%	67	71	86	69	72	67	81	80	70	7		670	1.03	1.10	1.17	1.07	1.00	1.14	0.98	1.06	1.03
90-91	18.50%	74	66	79	75	71	73	72	75	84	9		678	0.99	1.11	0.87	1.03	1.01	1.07	0.93	1.05	1.01
91-92	15.08%	68	81	72	83	74	68	74	73	82	5		680	1.09	1.09	1.05	0.99	0.96	1.01	1.01	1.09	1.00
92-93	17.14%	79	81	92	81	90	71	64	76	83			717	1.19	1.14	1.13	1.08	0.96	0.94	1.03	1.14	1.05
93-94	18.92%	88	85	77	86	75	90	72	67	70	17		727	1.08	0.95	0.93	0.93	1.00	1.01	1.05	0.92	1.01
94-95	14.15%	59	94	86	83	83	79	82	71	65	13		715	1.07	1.01	1.08	0.97	1.05	0.91	0.99	0.97	0.98
95-96	16.78%	71	66	92	88	78	85	85	77	63	24		729	1.12	0.98	1.02	0.94	1.02	1.08	0.94	0.89	1.02
96-97	18.76%	79	78	69	91	92	80	81	78	80	21		749	1.10	1.05	0.99	1.05	1.03	0.95	0.92	1.04	1.03
97-98	16.47%	70	85	92	69	89	87	79	76	84	14		745	1.08	1.18	1.00	0.98	0.95	0.99	0.94	1.08	0.99
98-99	14.86%	63	67	86	86	66	91	84	77	83	33		736	0.96	1.01	0.93	0.96	1.02	0.97	0.97	1.09	0.99
99-00	17.41%	70	59	76	91	80	73	85	85	76	31		726	0.94	1.13	1.06	0.93	1.11	0.93	1.01	0.99	0.99
00-01	16.00%	64	66	72	75	92	76	69	91	88	30		723	0.94	1.22	0.99	1.01	0.95	0.95	1.07	1.04	1.00
01-02	15.87%	63	67	67	72	71	83	67	59	88	35		672	1.05	1.02	1.00	0.95	0.90	0.88	0.86	0.97	0.93
02-03	16.90%	72	78	74	69	81	79	89	76	62	27		707	1.24	1.10	1.03	1.13	1.11	1.07	1.13	1.05	1.05
03-04	16.16%	64	72	80	82	60	88	73	94	73	11		697	1.00	1.03	1.11	0.87	1.09	0.92	1.06	0.96	0.99
04-05	16.03%	67	63	82	75	89	64	87	69	87	19		702	0.98	1.14	0.94	1.09	1.07	0.99	0.95	0.93	1.01
05-06	17.11%	83	64	68	82	74	80	67	83	67			668	0.96	1.08	1.00	0.99	0.90	1.05	0.95	0.97	0.95
06-07	15.45%	85	83	69	73	86	77	78	69	84			704	1.00	1.08	1.07	1.05	1.04	0.98	1.03	1.01	1.05
07-08	15.35%	76	78	78	70	65	84	71	73	69			664	0.92	0.94	1.01	0.89	0.98	0.92	0.94	1.00	0.94
08-09	15.40%	85	77	80	78	80	65	86	71	72			694	1.01	1.03	1.00	1.14	1.00	1.02	1.00	0.99	1.05
09-10	14.77%	88	87	83	82	87	73	64	81	67			712	1.02	1.08	1.03	1.12	0.91	0.98	0.94	0.94	1.03
10-11	17.25%	94	92	88	83	81	87	79	65	90			759	1.05	1.01	1.00	0.99	1.00	1.08	1.02	1.11	1.07
11-12	17.28%	104	80	99	82	89	79	84	84	63			764	0.85	1.08	0.93	1.07	0.98	0.97	1.06	0.97	1.01
12-13	17.27%	115	103	79	94	88	88	89	81	83			820	0.99	0.99	0.95	1.07	0.99	1.13	0.96	0.99	1.07
13-14	17.12%	108	108	95	86	93	86	85	91	88			840	0.94	0.92	1.09	0.99	0.98	0.97	1.02	1.09	1.02
14-15	16.20%	111	100	108	101	74	80	82	79	78			813	0.93	1.00	1.06	0.86	0.86	0.95	0.93	0.86	0.97
15-16	16.59%	105	110	101	111	96	88	77	85	79			852	0.99	1.01	1.03	0.95	1.19	0.96	1.04	1.00	1.05
16-17	15.64%	91	101	93	97	100	92	77	72	75			798	0.96	0.85	0.96	0.90	0.96	0.88	0.94	0.88	0.94
17-18	15.11%	92	85	96	92	96	93	94	78	75			801	0.93	0.95	0.99	0.99	0.93	1.02	1.01	1.04	1.00

DRISCOLL

School Year	ENROLLMENT												PROGRESSION RATE								
	K %	K	1	2	3	4	5	6	7	8	SP	Total	1	2	3	4	5	6	7	8	Total
81-82	7.01%	22	32	39	44	36	54	60	63	73	4	427									
82-83	9.18%	27	23	32	37	46	39	50	57	65	5	381	1.05	1.00	0.95	1.05	1.08	0.93	0.95	1.03	0.89
83-84	8.61%	29	32	26	35	37	42	40	52	58	5	356	1.19	1.13	1.09	1.00	0.91	1.03	1.04	1.02	0.93
84-85	11.43%	40	39	27	31	40	45	47	43	58	11	381	1.34	0.84	1.19	1.14	1.22	1.12	1.08	1.12	1.07
85-86	10.80%	39	40	44	32	30	46	45	43	50	13	382	1.00	1.13	1.19	0.97	1.15	1.00	0.91	1.16	1.00
86-87	11.66%	40	39	39	41	40	31	49	43	42	16	380	1.00	0.98	0.93	1.25	1.03	1.07	0.96	0.98	0.99
87-88	10.08%	38	33	47	39	42	42	36	53	39	11	380	0.83	1.21	1.00	1.02	1.05	1.16	1.08	0.91	1.00
88-89	10.05%	40	41	36	38	33	39	37	38	44	14	360	1.08	1.09	0.81	0.85	0.93	0.88	1.06	0.83	0.95
89-90	10.07%	42	41	42	31	40	35	42	42	42	26	383	1.03	1.02	0.86	1.05	1.06	1.08	1.14	1.11	1.06
90-91	10.00%	40	52	44	35	29	45	35	45	42	23	390	1.24	1.07	0.83	0.94	1.13	1.00	1.07	1.00	1.02
91-92	9.09%	41	46	50	46	39	35	45	36	44	29	411	1.15	0.96	1.05	1.11	1.21	1.00	1.03	0.98	1.05
92-93	9.11%	42	45	49	52	50	44	43	46	40	33	444	1.10	1.07	1.04	1.09	1.13	1.23	1.02	1.11	1.08
93-94	9.25%	43	46	46	46	61	46	45	44	44	15	436	1.10	1.02	0.94	1.17	0.92	1.02	1.02	0.96	0.98
94-95	9.59%	40	46	50	47	47	59	44	48	39	15	435	1.07	1.09	1.02	1.02	0.97	0.96	1.07	0.89	1.00
95-96	9.22%	39	42	45	45	45	52	69	42	48	6	433	1.05	0.98	0.90	0.96	1.11	1.17	0.95	1.00	1.00
96-97	9.50%	40	47	36	46	47	43	52	65	47	9	432	1.21	0.86	1.02	1.04	0.96	1.00	0.94	1.12	1.00
97-98	8.94%	38	45	46	41	42	51	42	51	67	6	429	1.13	0.98	1.14	0.91	1.09	0.98	0.98	1.03	0.99
98-99	8.49%	36	40	45	44	45	44	50	46	49		399	1.05	1.00	0.96	1.10	1.05	0.98	1.10	0.96	0.93
99-00	9.20%	37	37	47	44	41	50	45	49	49		399	1.03	1.18	0.98	0.93	1.11	1.02	0.98	1.07	1.00
00-01	9.50%	38	39	40	49	43	44	45	46	44		388	1.05	1.08	1.04	0.98	1.07	0.90	1.02	0.90	0.97
01-02	8.06%	32	36	42	43	48	43	44	45	44		377	0.95	1.08	1.08	0.98	1.00	1.00	1.00	0.96	0.97
02-03	10.09%	43	34	35	44	41	47	41	44	47		376	1.06	0.97	1.05	0.95	0.98	0.95	1.00	1.04	1.00
03-04	9.34%	37	44	37	36	45	43	43	43	44		372	1.02	1.09	1.03	1.02	1.05	0.91	1.05	1.00	0.99
04-05	7.66%	32	34	42	38	35	48	46	45	46		366	0.92	0.95	1.03	0.97	1.07	1.07	1.05	1.07	0.98
05-06	8.66%	42	38	40	44	38	38	44	37	44		365	1.19	1.18	1.05	1.00	1.09	0.92	0.80	0.98	1.00
06-07	9.64%	53	43	38	37	42	37	35	45	37		367	1.02	1.00	0.93	0.95	0.97	0.92	1.02	1.00	1.01
07-08	10.51%	52	45	47	42	37	42	36	34	48		383	0.85	1.09	1.11	1.00	1.00	0.97	0.97	1.07	1.04
08-09	9.96%	55	54	47	59	46	39	40	39	32		411	1.04	1.04	1.26	1.10	1.05	0.95	1.08	0.94	1.07
09-10	10.07%	60	55	53	46	60	47	38	43	37		439	1.00	0.98	0.98	1.02	1.02	0.97	1.08	0.95	1.07
10-11	11.56%	63	69	60	58	45	61	50	40	45		491	1.15	1.09	1.09	0.98	1.02	1.06	1.05	1.05	1.12
11-12	10.96%	66	64	76	59	61	50	61	48	45		530	1.02	1.10	0.98	1.05	1.11	1.00	0.96	1.13	1.08
12-13	9.46%	63	65	70	74	61	59	49	56	47		544	0.98	1.09	0.97	1.03	0.97	0.98	0.92	0.98	1.03
13-14	9.35%	59	67	69	70	71	56	60	47	51		550	1.06	1.06	1.00	0.96	0.92	1.02	0.96	0.91	1.01
14-15	9.93%	68	56	67	71	71	71	57	64	47		572	0.95	1.00	1.03	1.01	1.00	1.02	1.07	1.00	1.04
15-16	9.64%	61	70	57	73	72	72	69	57	65		596	1.03	1.02	1.09	1.01	1.01	0.97	1.00	1.02	1.04
16-17	10.48%	61	58	76	63	70	68	66	66	58		586	0.95	1.09	1.11	0.96	0.94	0.92	0.96	1.02	0.98
17-18	10.02%	61	63	67	81	61	73	75	68	64		613	1.03	1.16	1.07	0.97	1.04	1.10	1.03	0.97	1.05

HEATH

School	ENROLLMENT											PROGRESSION RATE										
	Year	K %	K	1	2	3	4	5	6	7	8	SP	Total	1	2	3	4	5	6	7	8	Total
81-82		8.60%	27	29	42	37	45	41	50	34	48		353									
82-83		7.14%	21	31	28	42	40	42	41	41	32		318	1.15	0.97	1.00	1.08	0.93	1.00	0.82	0.94	0.90
83-84		12.76%	43	27	31	30	41	37	42	39	39		329	1.29	1.00	1.07	0.98	0.93	1.00	0.95	0.95	1.03
84-85		5.14%	18	39	28	32	30	45	40	41	41		314	0.91	1.04	1.03	1.00	1.10	1.08	0.98	1.05	0.95
85-86		11.63%	42	28	35	28	31	29	40	40	44		317	1.56	0.90	1.00	0.97	0.97	0.89	1.00	1.07	1.01
86-87		11.66%	40	41	41	42	32	34	35	35	37		337	0.98	1.46	1.20	1.14	1.10	1.21	0.88	0.93	1.06
87-88		11.14%	42	44	42	34	46	37	30	30	38		343	1.10	1.02	0.83	1.10	1.16	0.88	0.86	1.09	1.02
88-89		11.56%	46	45	44	40	39	48	26	29	31		348	1.07	1.00	0.95	1.15	1.04	0.70	0.97	1.03	1.01
89-90		10.31%	43	45	50	45	43	39	50	28	28		371	0.98	1.11	1.02	1.08	1.00	1.04	1.08	0.97	1.07
90-91		8.75%	35	48	49	47	43	37	42	48	27		376	1.12	1.09	0.94	0.96	0.86	1.08	0.96	0.96	1.01
91-92		8.87%	40	45	59	50	51	44	39	32	47		407	1.29	1.23	1.02	1.09	1.02	1.05	0.76	0.98	1.08
92-93		8.89%	41	48	46	57	49	50	42	30	32		395	1.20	1.02	0.97	0.98	0.98	0.95	0.77	1.00	0.97
93-94		7.74%	36	42	47	46	55	56	51	38	30		401	1.02	0.98	1.00	0.96	1.14	1.02	0.90	1.00	1.02
94-95		7.91%	33	41	43	45	42	52	50	44	30		380	1.14	1.02	0.96	0.91	0.95	0.89	0.86	0.79	0.95
95-96		9.69%	41	42	38	48	42	42	48	46	43		390	1.27	0.93	1.12	0.93	1.00	0.92	0.92	0.98	1.03
96-97		9.50%	40	45	44	44	49	42	38	45	46		393	1.10	1.05	1.16	1.02	1.00	0.90	0.94	1.00	1.01
97-98		8.94%	38	50	48	44	45	45	42	37	45		394	1.25	1.07	1.00	1.02	0.92	1.00	0.97	1.00	1.00
98-99		12.50%	53	41	49	48	41	49	37	41	34		393	1.08	0.98	1.00	0.93	1.09	0.82	0.98	0.92	1.00
99-00		9.70%	39	55	33	54	49	42	44	43	43		402	1.04	0.80	1.10	1.02	1.02	0.90	1.16	1.05	1.02
00-01		9.00%	36	39	55	39	52	42	38	41	44		386	1.00	1.00	1.18	0.96	0.86	0.90	0.93	1.02	0.96
01-02		10.33%	41	44	41	61	46	51	45	33	43		405	1.22	1.05	1.11	1.18	0.98	1.07	0.87	1.05	1.05
02-03		10.09%	43	44	39	39	49	39	51	46	38		388	1.07	0.89	0.95	0.80	0.85	1.00	1.02	1.15	0.96
03-04		9.34%	37	46	41	41	38	47	39	49	43		381	1.07	0.93	1.05	0.97	0.96	1.00	0.96	0.93	0.98
04-05		13.16%	55	41	42	36	37	39	43	33	51		377	1.11	0.91	0.88	0.90	1.03	0.91	0.85	1.04	0.99
05-06		8.66%	42	54	39	41	37	34	38	43	34		362	0.98	0.95	0.98	1.03	0.92	0.97	1.00	1.03	0.96
06-07		9.82%	54	45	52	39	41	34	36	35	40		376	1.07	0.96	1.00	1.00	0.92	1.06	0.92	0.93	1.04
07-08		8.69%	43	59	46	52	36	39	33	36	38		382	1.09	1.02	1.00	0.92	0.95	0.97	1.00	1.09	1.02
08-09		10.51%	58	45	60	46	53	35	37	34	36		404	1.05	1.02	1.00	1.02	0.97	0.95	1.03	1.00	1.06
09-10		10.74%	64	56	48	61	49	54	33	42	34		441	0.97	1.07	1.02	1.07	1.02	0.94	1.14	1.00	1.09
10-11		9.17%	50	61	58	47	55	49	57	35	42		454	0.95	1.04	0.98	0.90	1.00	1.06	1.06	1.00	1.03
11-12		9.63%	58	58	69	61	48	58	50	55	37		494	1.16	1.13	1.05	1.02	1.05	1.02	0.96	1.06	1.09
12-13		10.36%	69	57	57	70	59	47	53	50	55		517	0.98	0.98	1.01	0.97	0.98	0.91	1.00	1.00	1.05
13-14		9.03%	57	68	57	58	72	60	46	51	49		518	0.99	1.00	1.02	1.03	1.02	0.98	0.96	0.98	1.00
14-15		9.49%	65	66	69	60	64	70	55	41	46		536	1.16	1.01	1.05	1.10	0.97	0.92	0.89	0.90	1.03
15-16		10.58%	67	71	66	74	56	68	62	54	37		555	1.09	1.00	1.07	0.93	1.06	0.89	0.98	0.90	1.04
16-17		8.08%	47	66	71	67	71	53	65	52	57		549	0.99	1.00	1.02	0.96	0.95	0.96	0.84	1.06	0.99
17-18		9.03%	55	45	61	72	62	68	55	63	53		534	0.96	0.92	1.01	0.93	0.96	1.04	0.97	1.02	0.97

LAWRENCE

School Year	ENROLLMENT												PROGRESSION RATE								
	K %	K	1	2	3	4	5	6	7	8	SP	Total	1	2	3	4	5	6	7	8	Total
81-82	11.15%	35	44	44	34	41	56	65	59	52		430									
82-83	14.29%	42	42	40	50	35	42	59	70	58		438	1.20	0.91	1.14	1.03	1.02	1.05	1.08	0.98	1.02
83-84	11.87%	40	50	43	44	51	38	41	56	72		435	1.19	1.02	1.10	1.02	1.09	0.98	0.95	1.03	0.99
84-85	11.71%	41	37	54	41	48	54	37	38	55		405	0.93	1.08	0.95	1.09	1.06	0.97	0.93	0.98	0.93
85-86	11.91%	43	49	35	47	43	45	50	41	44		397	1.20	0.95	0.87	1.05	0.94	0.93	1.11	1.16	0.98
86-87	13.41%	46	48	47	40	50	50	46	60	39		426	1.12	0.96	1.14	1.06	1.16	1.02	1.20	0.95	1.07
87-88	14.32%	54	48	52	42	44	51	48	44	58		441	1.04	1.08	0.89	1.10	1.02	0.96	0.96	0.97	1.04
88-89	13.82%	55	65	42	59	44	44	50	46	42		447	1.20	0.88	1.13	1.05	1.00	0.98	0.96	0.95	1.01
89-90	17.03%	71	51	56	43	54	46	40	57	42		460	0.93	0.86	1.02	0.92	1.05	0.91	1.14	0.91	1.03
90-91	15.00%	60	74	53	61	45	50	45	39	51		478	1.04	1.04	1.09	1.05	0.93	0.98	0.98	0.89	1.04
91-92	13.75%	62	66	75	57	55	50	48	37	40		490	1.10	1.01	1.08	0.90	1.11	0.96	0.82	1.03	1.03
92-93	14.97%	69	71	65	75	66	43	54	42	37		522	1.15	0.98	1.00	1.16	0.78	1.08	0.88	1.00	1.07
93-94	14.19%	66	69	68	62	71	65	52	59	42	8	562	1.00	0.96	0.95	0.95	0.98	1.21	1.09	1.00	1.08
94-95	13.67%	57	71	72	67	62	67	59	39	51	6	551	1.08	1.04	0.99	1.00	0.94	0.91	0.75	0.86	0.98
95-96	14.18%	60	47	76	71	54	58	65	61	44	5	541	0.82	1.07	0.99	0.81	0.94	0.97	1.03	1.13	0.98
96-97	13.78%	58	68	59	69	67	53	51	60	61	7	553	1.13	1.26	0.91	0.94	0.98	0.88	0.92	1.00	1.02
97-98	15.76%	67	57	64	57	68	65	50	48	63	7	546	0.98	0.94	0.97	0.99	0.97	0.94	0.94	1.05	0.99
98-99	13.92%	59	62	65	57	68	64	64	47	50	4	540	0.93	1.14	0.89	1.19	0.94	0.98	0.94	1.04	0.99
99-00	13.93%	56	50	63	57	58	64	60	60	48	6	522	0.85	1.02	0.88	1.02	0.94	0.94	0.94	1.02	0.97
00-01	13.25%	53	67	58	59	56	50	63	49	51	6	512	1.20	1.16	0.94	0.98	0.86	0.98	0.82	0.85	0.98
01-02	16.12%	64	57	68	51	57	54	50	58	49	4	512	1.08	1.01	0.88	0.97	0.96	1.00	0.92	1.00	1.00
02-03	13.38%	57	61	45	53	45	45	51	37	54	6	454	0.95	0.79	0.78	0.88	0.79	0.94	0.74	0.93	0.89
03-04	12.63%	50	58	56	43	50	39	41	51	38	9	435	1.02	0.92	0.96	0.94	0.87	0.91	1.00	1.03	0.96
04-05	15.07%	63	51	66	45	46	47	39	32	47	9	445	1.02	1.14	0.80	1.07	0.94	1.00	0.78	0.92	1.02
05-06	16.91%	82	63	54	66	51	46	46	41	35		484	1.00	1.06	1.00	1.13	1.00	0.98	1.05	1.09	1.09
06-07	14.18%	78	77	51	55	59	51	40	46	46		503	0.94	0.81	1.02	0.89	1.00	0.87	1.00	1.12	1.04
07-08	13.13%	65	73	81	51	60	61	48	42	46		527	0.94	1.05	1.00	1.09	1.03	0.94	1.05	1.00	1.05
08-09	12.68%	70	65	77	85	51	63	57	47	43		558	1.00	1.05	1.05	1.00	1.05	0.93	0.98	1.02	1.06
09-10	12.92%	77	70	64	79	68	57	58	56	42		571	1.00	0.98	1.03	0.80	1.12	0.92	0.98	0.89	1.02
10-11	12.66%	69	86	70	67	72	69	53	54	56		596	1.12	1.00	1.05	0.91	1.01	0.93	0.93	1.00	1.04
11-12	14.12%	85	69	90	66	65	70	71	51	55		622	1.00	1.05	0.94	0.97	0.97	1.03	0.96	1.02	1.04
12-13	12.76%	85	92	64	91	66	59	70	69	54		650	1.08	0.93	1.01	1.00	0.91	1.00	0.97	1.06	1.05
13-14	13.79%	87	84	87	63	91	63	54	61	68		658	0.99	0.95	0.98	1.00	0.95	0.92	0.87	0.99	1.01
14-15	13.43%	92	86	88	84	58	89	60	57	59		673	0.99	1.05	0.97	0.92	0.98	0.95	1.06	0.97	1.02
15-16	14.53%	92	93	82	91	72	58	85	61	50		684	1.01	0.95	1.03	0.86	1.00	0.96	1.02	0.88	1.02
16-17	13.75%	80	89	88	85	88	79	62	79	61		711	0.97	0.95	1.04	0.97	1.10	1.07	0.93	1.00	1.04
17-18	14.45%	88	76	91	86	83	84	75	60	79		722	0.95	1.02	0.98	0.98	0.95	0.95	0.97	1.00	1.02

LINCOLN

School	ENROLLMENT												PROGRESSION RATE									
	Year	K %	K	1	2	3	4	5	6	7	8	SP	Total	1	2	3	4	5	6	7	8	Total
81-82	11.78%	37	41	41	44	44	45	44	46	37			379									
82-83	11.56%	34	39	34	41	39	47	42	48	41			365	1.05	0.83	1.00	0.89	1.07	0.93	1.09	0.89	0.96
83-84	13.06%	44	28	35	32	31	35	42	38	49			334	0.82	0.90	0.94	0.76	0.90	0.89	0.90	1.02	0.92
84-85	10.86%	38	44	29	36	30	27	40	38	42			324	1.00	1.04	1.03	0.94	0.87	1.14	0.90	1.11	0.97
85-86	10.25%	37	44	43	35	38	28	28	40	37	7		337	1.16	0.98	1.21	1.06	0.93	1.04	1.00	0.97	1.04
86-87	9.62%	33	44	43	40	37	45	34	31	43	22		372	1.19	0.98	0.93	1.06	1.18	1.21	1.11	1.08	1.10
87-88	10.61%	40	42	39	44	41	39	43	34	29	23		374	1.27	0.89	1.02	1.03	1.05	0.96	1.00	0.94	1.01
88-89	9.80%	39	43	41	40	40	43	39	40	41	20		386	1.08	0.98	1.03	0.91	1.05	1.00	0.93	1.21	1.03
89-90	9.83%	41	40	48	41	38	41	43	40	36	21		389	1.03	1.12	1.00	0.95	1.03	1.00	1.03	0.90	1.01
90-91	8.00%	32	46	39	42	37	39	39	41	41	21		377	1.12	0.98	0.88	0.90	1.03	0.95	0.95	1.03	0.97
91-92	9.09%	41	37	40	35	41	36	42	33	36	11		352	1.16	0.87	0.90	0.98	0.97	1.08	0.85	0.88	0.93
92-93	10.41%	48	49	41	44	36	43	38	42	42	6		389	1.20	1.11	1.10	1.03	1.05	1.06	1.00	1.27	1.11
93-94	11.18%	52	48	51	41	50	44	40	44	41	9		420	1.00	1.04	1.00	1.14	1.22	0.93	1.16	0.98	1.08
94-95	14.63%	61	60	49	55	42	55	46	48	49	9		474	1.15	1.02	1.08	1.02	1.10	1.05	1.20	1.11	1.13
95-96	13.24%	56	67	64	46	55	45	57	47	48	5		490	1.10	1.07	0.94	1.00	1.07	1.04	1.02	1.00	1.03
96-97	10.69%	45	59	60	61	47	55	41	50	43	12		473	1.05	0.90	0.95	1.02	1.00	0.91	0.88	0.91	0.97
97-98	11.53%	49	54	65	63	56	50	50	40	51	11		489	1.20	1.10	1.05	0.92	1.06	0.91	0.98	1.02	1.03
98-99	12.26%	52	57	48	69	55	55	49	51	42	7		485	1.16	0.89	1.06	0.87	0.98	0.98	1.02	1.05	0.99
99-00	11.19%	45	50	49	42	65	54	57	46	52	5		465	0.96	0.86	0.88	0.94	0.98	1.04	0.94	1.02	0.96
00-01	12.25%	49	47	53	48	47	65	51	52	45	6		463	1.04	1.06	0.98	1.12	1.00	0.94	0.91	0.98	1.00
01-02	9.82%	39	53	49	46	52	42	61	52	49	7		450	1.08	1.04	0.87	1.08	0.89	0.94	1.02	0.94	0.97
02-03	9.39%	40	38	55	46	51	55	45	60	54	10		454	0.97	1.04	0.94	1.11	1.06	1.07	0.98	1.04	1.01
03-04	10.86%	43	43	39	48	43	47	52	42	58	10		425	1.08	1.03	0.87	0.93	0.92	0.95	0.93	0.97	0.94
04-05	9.09%	38	55	37	38	42	41	45	47	45	11		399	1.28	0.86	0.97	0.88	0.95	0.96	0.90	1.07	0.94
05-06	8.45%	41	42	63	37	44	45	44	46	48			410	1.11	1.15	1.00	1.16	1.07	1.07	1.02	1.02	1.03
06-07	11.09%	61	42	45	63	33	48	45	49	40			426	1.02	1.07	1.00	0.89	1.09	1.00	1.11	0.87	1.04
07-08	11.72%	58	59	47	44	63	34	45	40	52			442	0.97	1.12	0.98	1.00	1.03	0.94	0.89	1.06	1.04
08-09	11.41%	63	61	62	56	42	62	36	43	41			466	1.05	1.05	1.19	0.95	0.98	1.06	0.96	1.03	1.05
09-10	10.23%	61	68	61	61	57	45	64	33	45			495	1.08	1.00	0.98	1.02	1.07	1.03	0.92	1.05	1.06
10-11	11.93%	65	60	71	61	59	55	38	62	38			509	0.98	1.04	1.00	0.97	0.96	0.84	0.97	1.15	1.03
11-12	11.46%	69	67	65	69	63	63	51	41	56			544	1.03	1.08	0.97	1.03	1.07	0.93	1.08	0.90	1.07
12-13	11.26%	75	68	62	67	68	62	58	49	37			546	0.99	0.93	1.03	0.99	0.98	0.92	0.96	0.90	1.00
13-14	10.46%	66	78	67	63	67	64	57	55	47			564	1.04	0.99	1.02	1.00	0.94	0.92	0.95	0.96	1.03
14-15	9.64%	66	63	80	64	57	67	63	54	57			571	0.95	1.03	0.96	0.90	1.00	0.98	0.95	1.04	1.01
15-16	10.27%	65	67	58	84	67	52	66	58	57			574	1.02	0.92	1.05	1.05	0.91	0.99	0.92	1.06	1.01
16-17	11.34%	66	58	71	64	82	63	51	60	61			576	0.89	1.06	1.10	0.98	0.94	0.98	0.91	1.05	1.00
17-18	10.67%	65	61	62	70	59	86	60	54	61			578	0.92	1.07	0.99	0.92	1.05	0.95	1.06	1.02	1.00

PIERCE

School	ENROLLMENT												PROGRESSION RATE									
	Year	K %	K	1	2	3	4	5	6	7	8	SP	Total	1	2	3	4	5	6	7	8	Total
81-82	19.11%	60	52	56	72	79	77	84	64	76	16	636										
82-83	15.65%	46	46	52	52	72	74	82	82	69	14	589	0.77	1.00	0.93	1.00	0.94	1.06	0.98	1.08	0.93	
83-84	10.09%	34	46	52	55	53	73	79	87	81	6	566	1.00	1.13	1.06	1.02	1.01	1.07	1.06	0.99	0.96	
84-85	15.14%	53	34	46	51	56	54	76	79	90	6	545	1.00	1.00	0.98	1.02	1.02	1.04	1.00	1.03	0.96	
85-86	12.74%	46	64	37	44	57	58	63	70	81	9	529	1.21	1.09	0.96	1.12	1.04	1.17	0.92	1.03	0.97	
86-87	13.70%	47	52	59	38	44	57	58	61	73	16	505	1.13	0.92	1.03	1.00	1.00	1.00	0.97	1.04	0.95	
87-88	15.38%	58	50	61	63	39	46	56	58	66	16	513	1.06	1.17	1.07	1.03	1.05	0.98	1.00	1.08	1.02	
88-89	15.58%	62	59	58	61	63	43	48	53	58	17	522	1.02	1.16	1.00	1.00	1.10	1.04	0.95	1.00	1.02	
89-90	15.35%	64	65	60	59	62	62	45	43	55	17	532	1.05	1.02	1.02	1.02	0.98	1.05	0.90	1.04	1.02	
90-91	15.25%	61	64	62	60	62	63	63	46	49	15	545	1.00	0.95	1.00	1.05	1.02	1.02	1.02	1.14	1.02	
91-92	15.08%	68	66	66	66	63	64	67	69	43	16	588	1.08	1.03	1.06	1.05	1.03	1.06	1.10	0.93	1.08	
92-93	12.58%	58	80	64	58	65	57	67	63	61	11	584	1.18	0.97	0.88	0.98	0.90	1.05	0.94	0.88	0.99	
93-94	14.41%	67	62	78	67	62	71	61	70	63	13	614	1.07	0.98	1.05	1.07	1.09	1.07	1.04	1.00	1.05	
94-95	15.59%	65	72	69	77	65	67	62	57	64	12	610	1.07	1.11	0.99	0.97	1.08	0.87	0.93	0.91	0.99	
95-96	14.66%	62	77	66	63	74	66	67	63	63	15	616	1.18	0.92	0.91	0.96	1.02	1.00	1.02	1.11	1.01	
96-97	13.54%	57	68	78	67	70	75	73	65	65	14	632	1.10	1.01	1.02	1.11	1.01	1.11	0.97	1.03	1.03	
97-98	13.41%	57	69	65	82	67	72	74	62	55	17	620	1.21	0.96	1.05	1.00	1.03	0.99	0.85	0.85	0.98	
98-99	12.50%	53	66	62	58	78	59	79	74	60	19	608	1.16	0.90	0.89	0.95	0.88	1.10	1.00	0.97	0.98	
99-00	12.44%	50	61	71	61	58	80	66	67	68	22	604	1.15	1.08	0.98	1.00	1.03	1.12	0.85	0.92	0.99	
00-01	13.25%	53	49	59	71	59	60	83	69	68	20	591	0.98	0.97	1.00	0.97	1.03	1.04	1.05	1.01	0.98	
01-02	14.11%	56	61	56	60	75	57	60	83	64	16	588	1.15	1.14	1.02	1.06	0.97	1.00	1.00	0.93	0.99	
02-03	14.32%	61	60	63	52	59	68	58	57	75	17	570	1.07	1.03	0.93	0.98	0.91	1.02	0.95	0.90	0.97	
03-04	15.15%	60	60	59	52	56	56	65	62	63	18	551	0.98	0.98	0.83	1.08	0.95	0.96	1.07	1.11	0.97	
04-05	13.40%	56	64	59	60	57	54	52	61	63	22	548	1.07	0.98	1.02	1.10	0.96	0.93	0.94	1.02	0.99	
05-06	12.99%	63	54	65	60	65	58	55	57	68		545	0.96	1.02	1.02	1.08	1.02	1.02	1.10	1.11	0.99	
06-07	13.82%	76	67	60	67	62	70	55	59	56		572	1.06	1.11	1.03	1.03	1.08	0.95	1.07	0.98	1.05	
07-08	13.13%	65	79	71	62	69	64	65	59	57		591	1.04	1.06	1.03	1.03	1.03	0.93	1.07	0.97	1.03	
08-09	13.77%	76	68	86	70	66	69	65	65	59		624	1.05	1.09	0.99	1.06	1.00	1.02	1.00	1.00	1.06	
09-10	14.77%	88	75	64	86	79	65	71	64	65		657	0.99	0.94	1.00	1.13	0.98	1.03	0.98	1.00	1.05	
10-11	15.23%	83	89	83	62	81	79	56	63	53		649	1.01	1.11	0.97	0.94	1.00	0.86	0.89	0.83	0.99	
11-12	13.12%	79	88	94	87	67	83	75	59	67		699	1.06	1.06	1.05	1.08	1.02	0.95	1.05	1.06	1.08	
12-13	13.66%	91	93	86	87	85	67	90	72	64		735	1.18	0.98	0.93	0.98	1.00	1.08	0.96	1.08	1.05	
13-14	17.59%	111	92	91	81	88	85	68	95	72		783	1.01	0.98	0.94	1.01	1.00	1.01	1.06	1.00	1.07	
14-15	15.77%	108	112	91	88	84	89	82	71	90		815	1.01	0.99	0.97	1.04	1.01	0.96	1.04	0.95	1.04	
15-16	16.75%	106	108	107	90	87	85	85	81	75		824	1.00	0.96	0.99	0.99	1.01	0.96	0.99	1.06	1.01	
16-17	16.49%	96	113	106	111	91	83	88	86	80		854	1.07	0.98	1.04	1.01	0.95	1.04	1.01	0.99	1.04	
17-18	17.73%	108	91	111	108	114	84	76	84	83		859	0.95	0.98	1.02	1.03	0.92	0.92	0.95	0.97	1.01	

RUNKLE

School Year	ENROLLMENT												PROGRESSION RATE								
	K %	K	1	2	3	4	5	6	7	8	SP	Total	1	2	3	4	5	6	7	8	Total
81-82	12.10%	38	41	36	39	43	35	49	51	64		396									
82-83	12.24%	36	42	46	39	38	38	37	52	49	5	382	1.11	1.12	1.08	0.97	0.88	1.06	1.06	0.96	0.96
83-84	13.06%	44	39	44	48	43	41	40	43	49	6	397	1.08	1.05	1.04	1.10	1.08	1.05	1.16	0.94	1.04
84-85	12.00%	42	49	43	42	52	41	41	37	40	5	392	1.11	1.10	0.95	1.08	0.95	1.00	0.93	0.93	0.99
85-86	9.70%	35	46	43	39	46	55	39	43	39		385	1.10	0.88	0.91	1.10	1.06	0.95	1.05	1.05	0.98
86-87	10.79%	37	41	43	41	45	43	58	43	44		395	1.17	0.93	0.95	1.15	0.93	1.05	1.10	1.02	1.03
87-88	10.34%	39	39	45	41	44	41	48	55	38	3	393	1.05	1.10	0.95	1.07	0.91	1.12	0.95	0.88	0.99
88-89	10.30%	41	45	39	49	44	45	41	44	53	5	406	1.15	1.00	1.09	1.07	1.02	1.00	0.92	0.96	1.03
89-90	10.31%	43	44	45	46	56	39	42	40	45	5	405	1.07	1.00	1.18	1.14	0.89	0.93	0.98	1.02	1.00
90-91	9.75%	39	53	48	45	45	54	42	44	39	7	416	1.23	1.09	1.00	0.98	0.96	1.08	1.05	0.98	1.03
91-92	13.30%	60	42	53	50	47	43	50	41	43	7	436	1.08	1.00	1.04	1.04	0.96	0.93	0.98	0.98	1.05
92-93	11.28%	52	69	45	59	58	50	46	50	41	6	476	1.15	1.07	1.11	1.16	1.06	1.07	1.00	1.00	1.09
93-94	9.68%	45	57	69	44	61	61	53	41	49	7	487	1.10	1.00	0.98	1.03	1.05	1.06	0.89	0.98	1.02
94-95	12.23%	51	45	61	63	46	56	60	55	44	7	488	1.00	1.07	0.91	1.05	0.92	0.98	1.04	1.07	1.00
95-96	7.80%	33	49	46	60	74	44	58	56	57	8	485	0.96	1.02	0.98	1.17	0.96	1.04	0.93	1.04	0.99
96-97	8.55%	36	44	52	48	61	69	41	57	53	11	472	1.33	1.06	1.04	1.02	0.93	0.93	0.98	0.95	0.97
97-98	10.35%	44	51	48	61	42	61	65	39	58	2	471	1.42	1.09	1.17	0.88	1.00	0.94	0.95	1.02	1.00
98-99	9.91%	42	45	45	50	67	42	56	59	37	4	447	1.02	0.88	1.04	1.10	1.00	0.92	0.91	0.95	0.95
99-00	10.70%	43	52	43	43	48	55	41	49	57	4	435	1.24	0.96	0.96	0.96	0.82	0.98	0.88	0.97	0.97
00-01	8.25%	33	44	46	38	43	47	53	38	53	7	402	1.02	0.88	0.88	1.00	0.98	0.96	0.93	1.08	0.92
01-02	10.33%	41	35	54	47	36	44	49	55	38	4	403	1.06	1.23	1.02	0.95	1.02	1.04	1.04	1.00	1.00
02-03	13.62%	58	48	45	61	47	42	46	50	59	4	460	1.17	1.29	1.13	1.00	1.17	1.05	1.02	1.07	1.14
03-04	12.37%	49	54	49	36	60	42	45	47	51	12	445	0.93	1.02	0.80	0.98	0.89	1.07	1.02	1.02	0.97
04-05	8.37%	35	47	59	41	37	53	49	41	46	15	423	0.96	1.09	0.84	1.03	0.88	1.17	0.91	0.98	0.95
05-06	11.96%	58	35	48	58	42	39	56	51	37		424	1.00	1.02	0.98	1.02	1.05	1.06	1.04	0.90	1.00
06-07	11.45%	63	62	36	53	60	43	41	61	45		464	1.07	1.03	1.10	1.03	1.02	1.05	1.09	0.88	1.09
07-08	10.71%	53	56	68	39	49	55	41	43	64		468	0.89	1.10	1.08	0.92	0.92	0.95	1.05	1.05	1.01
08-09	11.59%	64	53	61	64	38	53	53	43	42		471	1.00	1.09	0.94	0.97	1.08	0.96	1.05	0.98	1.01
09-10	11.24%	67	60	60	52	65	42	54	60	41		501	0.94	1.13	0.85	1.02	1.11	1.02	1.13	0.95	1.06
10-11	7.16%	39	64	58	63	52	60	42	51	59		488	0.96	0.97	1.05	1.00	0.92	1.00	0.94	0.98	0.97
11-12	9.30%	56	45	63	59	61	56	58	42	54		494	1.15	0.98	1.02	0.97	1.08	0.97	1.00	1.06	1.01
12-13	10.36%	69	57	45	66	58	60	64	55	45		519	1.02	1.00	1.05	0.98	0.98	1.14	0.95	1.07	1.05
13-14	10.30%	65	66	63	47	72	59	67	62	59		560	0.96	1.11	1.04	1.09	1.02	1.12	0.97	1.07	1.08
14-15	9.20%	63	70	67	64	47	70	55	62	61		559	1.08	1.02	1.02	1.00	0.97	0.93	0.93	0.98	1.00
15-16	9.95%	63	66	71	69	69	53	69	62	65		587	1.05	1.01	1.03	1.08	1.13	0.99	1.13	1.05	1.05
16-17	9.97%	58	66	70	74	69	66	66	70	60		599	1.05	1.06	1.04	1.00	0.96	1.25	1.01	0.97	1.02
17-18	10.18%	62	61	66	71	78	71	65	68	70		612	1.05	1.00	1.01	1.05	1.03	0.98	1.03	1.00	1.02

TOTAL ELEMENTARY																						
School		ENROLLMENT											PROGRESSION RATE									
		Year	K	1	2	3	4	5	6	7	8	SP	Total	1	2	3	4	5	6	7	8	Total
81-82	1.0000	314	369	387	392	424	448	502	454	505	25	3,820										
82-83	0.9999	294	321	355	388	393	418	455	505	446	30	3,605	1.02	0.96	1.00	1.00	0.99	1.02	1.01	0.98	0.94	
83-84	1.0001	337	323	346	365	381	395	429	465	510	23	3,574	1.10	1.08	1.03	0.98	1.01	1.03	1.02	1.01	0.99	
84-85	0.9999	350	359	340	353	389	394	423	417	466	26	3,517	1.07	1.05	1.02	1.07	1.03	1.07	0.97	1.00	0.98	
85-86	1.0000	361	390	362	356	370	399	396	414	434	35	3,517	1.11	1.01	1.05	1.05	1.03	1.01	0.98	1.04	1.00	
86-87	1.0000	343	380	383	350	362	369	397	397	405	60	3,446	1.05	0.98	0.97	1.02	1.00	0.99	1.00	0.98	0.98	
87-88	0.9999	377	358	397	373	364	367	373	388	388	59	3,444	1.04	1.04	0.97	1.04	1.01	1.01	0.98	0.98	1.00	
88-89	1.0001	398	421	361	401	377	376	362	358	394	70	3,518	1.12	1.01	1.01	1.01	1.03	0.99	0.96	1.02	1.02	
89-90	1.0000	417	411	433	379	416	372	383	364	363	110	3,648	1.03	1.03	1.05	1.04	0.99	1.02	1.01	1.01	1.04	
90-91	1.0000	400	451	433	413	376	417	380	376	370	106	3,722	1.08	1.05	0.95	0.99	1.00	1.02	0.98	1.02	1.02	
91-92	1.0000	451	449	471	457	419	385	430	358	376	104	3,900	1.12	1.04	1.06	1.01	1.02	1.03	0.94	1.00	1.05	
92-93	1.0000	461	510	473	487	488	408	398	416	380	88	4,109	1.13	1.05	1.03	1.07	0.97	1.03	0.97	1.06	1.05	
93-94	0.9999	465	490	505	461	495	504	428	404	407	100	4,259	1.06	0.99	0.97	1.02	1.03	1.05	1.02	0.98	1.04	
94-95	1.0000	417	510	495	501	461	499	473	409	386	95	4,246	1.10	1.01	0.99	1.00	1.01	0.94	0.96	0.96	1.00	
95-96	0.9999	423	458	523	493	485	467	516	455	412	96	4,328	1.10	1.03	1.00	0.97	1.01	1.03	0.96	1.01	1.02	
96-97	1.0000	421	487	479	511	501	479	452	478	451	105	4,364	1.15	1.05	0.98	1.02	0.99	0.97	0.93	0.99	1.01	
97-98	0.9999	425	478	507	485	486	504	467	419	477	88	4,336	1.14	1.04	1.01	0.95	1.01	0.97	0.93	1.00	0.99	
98-99	1.0001	424	442	460	502	492	482	487	459	422	101	4,271	1.04	0.96	0.99	1.01	0.99	0.97	0.98	1.01	0.99	
99-00	0.9999	402	439	450	453	483	491	475	469	458	100	4,220	1.04	1.02	0.98	0.96	1.00	0.99	0.96	1.00	0.99	
00-01	1.0000	400	424	460	455	462	470	482	460	467	104	4,184	1.05	1.05	1.01	1.02	0.97	0.98	0.97	1.00	0.99	
01-02	1.0001	397	415	435	459	457	442	452	456	448	98	4,059	1.04	1.03	1.00	1.00	0.96	0.96	0.95	0.97	0.97	
02-03	1.0000	426	423	413	420	448	441	451	447	456	92	4,017	1.07	1.00	0.97	0.98	0.96	1.02	0.99	1.00	0.99	
03-04	0.9999	396	436	425	404	408	439	424	451	444	87	3,914	1.02	1.00	0.98	0.97	0.98	0.96	1.00	0.99	0.97	
04-05	1.0000	418	418	447	409	417	400	440	386	450	103	3,888	1.06	1.03	0.96	1.03	0.98	1.00	0.91	1.00	0.99	
05-06	1.0000	485	425	441	467	423	418	412	434	399	-	3,904	1.02	1.06	1.04	1.03	1.00	1.03	0.99	1.03	1.00	
06-07	1.0000	550	496	425	453	453	435	409	418	423	-	4,062	1.02	1.00	1.03	0.97	1.03	0.98	1.01	0.97	1.04	
07-08	1.0001	495	527	514	438	449	448	408	394	425	-	4,098	0.96	1.04	1.03	0.99	0.99	0.94	0.96	1.02	1.01	
08-09	0.9999	552	516	556	539	452	444	444	409	387	-	4,299	1.04	1.06	1.05	1.03	0.99	0.99	1.00	0.98	1.05	
09-10	1.0001	596	556	516	544	539	449	435	443	395	-	4,473	1.01	1.00	0.98	1.00	0.99	0.98	1.00	0.97	1.04	
10-11	1.0001	545	618	572	532	527	532	445	424	448	-	4,643	1.04	1.03	1.03	0.97	0.99	0.99	0.97	1.01	1.04	
11-12	0.9999	602	550	658	567	532	538	516	437	425	-	4,825	1.01	1.06	0.99	1.00	1.02	0.97	0.98	1.00	1.04	
12-13	0.9999	666	633	539	651	574	517	549	492	446	-	5,067	1.05	0.98	0.99	1.01	0.97	1.02	0.95	1.02	1.05	
13-14	1.0000	631	676	618	539	656	562	519	533	493	-	5,227	1.02	0.98	1.00	1.01	0.98	1.00	0.97	1.00	1.03	
14-15	1.0001	685	645	685	620	530	634	541	506	507	-	5,353	1.02	1.01	1.00	0.98	0.97	0.96	0.97	0.95	1.02	
15-16	1.0000	633	696	621	704	598	553	610	543	507	-	5465	1.02	0.96	1.03	0.96	1.04	0.96	1.00	1.00	1.02	
16-17	1.0001	582	627	678	633	677	584	549	576	531	-	5437	0.99	0.97	1.02	0.96	0.98	0.99	0.94	0.98	0.99	
17-18	1.0000	609	568	630	691	621	660	585	550	568	-	5482	0.98	1.00	1.02	0.98	0.97	1.00	1.00	0.99	1.01	

K-8 Enrollment Projections by School

The following tables show school specific projections based on each school's historic progression rates instead of the district-wide average progression rates used in the charts on pages 4, 5, and 6 and the tables on pages 21 and 22. When these separate school projections are added up to create a district-wide total, this total typically varies by a small amount from the total that uses the district-wide average progression rate. This variance can be accounted for by the difference between the individual school progression rates and the average progression rate used when calculating the single district-wide total.

School by School Enrollments											
Actual FY18											
FY19 through FY28 Projections											
Based on Individual School 5 Year Progression Rates											
Preliminary Projected Enrollments INCLUDING new housing developments.											
Baker	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28
K	78	95	88	94	104	101	104	104	104	122	132
1	86	84	103	100	108	112	109	112	112	112	132
2	76	81	79	105	103	102	105	102	105	105	105
3	111	74	79	84	111	101	100	103	100	103	103
4	68	108	72	87	93	108	98	97	100	97	100
5	101	67	107	79	95	92	107	97	96	99	96
6	85	103	68	116	89	97	94	109	99	98	101
7	75	82	99	72	119	85	93	90	105	95	94
8	83	72	79	102	77	114	82	89	86	101	91
TOTAL	763	766	774	839	899	912	892	903	907	932	954
Devotion	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28
K	92	114	109	106	113	110	113	113	124	113	136
1	85	87	110	104	106	107	105	107	107	118	107
2	96	81	86	105	107	101	102	100	102	102	112
3	92	99	86	89	115	110	104	105	103	105	105
4	96	86	97	81	94	108	103	98	99	97	99
5	93	94	87	95	87	92	106	101	96	97	95
6	94	89	93	84	99	84	88	102	97	92	93
7	78	93	91	92	91	98	83	87	101	96	91
8	75	76	93	88	97	88	95	81	84	98	93
TOTAL	801	819	852	844	909	898	899	894	913	918	931
Driscoll	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28
K	61	70	64	62	61	60	61	61	61	61	61
1	63	61	70	64	62	61	60	61	61	61	61
2	67	67	65	75	68	66	65	64	65	65	65
3	81	71	71	69	80	72	70	69	68	69	69
4	61	79	70	70	68	78	71	69	68	67	68
5	73	60	77	69	69	67	76	70	68	67	66
6	75	74	61	78	70	70	68	77	71	69	68
7	68	75	74	61	78	70	70	68	77	71	69
8	64	67	74	73	60	76	69	69	67	75	70
TOTAL	613	624	626	621	616	620	610	608	606	605	597

Beginning in FY19, kindergarten projections are increased by 40 students per year to reflect School Committee Policy regarding Metco/Material Fee student admission. revised 12/20/2017

School by School Enrollments

Actual FY18

FY19 through FY28 Projections

*Based on Individual School 5 Year Progression Rates***Preliminary Projected Enrollments INCLUDING new housing developments.**

Heath	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>FY23</u>	<u>FY24</u>	<u>FY25</u>	<u>FY26</u>	<u>FY27</u>	<u>FY28</u>
K	55	65	60	58	57	56	57	57	57	57	57
1	45	57	68	62	60	59	58	59	59	59	59
2	61	45	56	67	61	59	58	57	58	58	58
3	72	63	46	58	69	63	61	60	59	60	60
4	62	71	62	46	57	68	62	60	59	58	59
5	68	61	70	61	46	56	67	61	59	58	57
6	55	65	59	67	59	44	54	64	59	57	56
7	63	51	60	55	62	55	41	50	60	55	53
8	53	61	49	58	53	60	53	40	49	58	53
TOTAL	534	539	530	532	524	520	511	508	519	520	512
Lawrence	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>FY23</u>	<u>FY24</u>	<u>FY25</u>	<u>FY26</u>	<u>FY27</u>	<u>FY28</u>
K	88	98	91	88	90	87	90	90	90	90	99
1	76	86	96	89	88	88	85	88	88	88	88
2	91	74	84	94	90	86	86	83	86	86	86
3	86	91	74	84	96	90	86	86	83	86	86
4	83	82	86	70	84	91	86	82	82	79	82
5	84	83	82	86	73	84	91	86	82	82	79
6	75	81	81	80	85	71	81	88	83	80	80
7	60	73	79	79	80	82	69	79	85	81	78
8	79	58	71	77	80	78	80	67	77	82	79
TOTAL	722	726	744	747	766	757	754	749	756	754	757
Lincoln	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>FY23</u>	<u>FY24</u>	<u>FY25</u>	<u>FY26</u>	<u>FY27</u>	<u>FY28</u>
K	65	74	68	66	68	66	68	68	68	72	68
1	61	62	71	65	63	65	63	65	65	65	69
2	62	62	63	72	66	64	66	64	66	66	66
3	70	63	63	64	73	67	65	67	65	67	67
4	59	68	61	61	62	71	65	63	65	63	65
5	86	57	66	59	59	60	69	63	61	63	61
6	60	83	55	63	57	57	58	66	60	59	60
7	54	58	80	53	60	55	55	56	63	58	57
8	61	56	60	82	55	62	57	57	58	65	60
TOTAL	578	583	587	585	563	567	566	569	571	578	573

Beginning in FY19, kindergarten projections are increased by 40 students per year to reflect School Committee Policy regarding Metco/Material Fee student admission.

revised 12/20/2017

School by School Enrollments

Actual FY18

FY19 through FY28 Projections

*Based on Individual School 5 Year Progression Rates***Preliminary Projected Enrollments INCLUDING new housing developments.**

Pierce	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>FY23</u>	<u>FY24</u>	<u>FY25</u>	<u>FY26</u>	<u>FY27</u>	<u>FY28</u>
K	108	119	109	106	105	102	104	104	104	104	104
1	91	109	120	110	107	106	103	105	105	105	105
2	111	89	107	118	108	105	104	101	103	103	103
3	108	110	88	106	117	107	104	103	100	102	102
4	114	110	112	90	108	119	109	106	105	102	104
5	84	112	108	110	88	106	117	107	104	103	100
6	76	82	110	106	108	86	104	115	105	102	101
7	84	77	83	111	107	109	87	105	116	106	103
8	83	83	76	82	110	106	108	86	104	115	105
TOTAL	859	891	913	939	958	946	940	932	946	942	927
Runkle	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>FY23</u>	<u>FY24</u>	<u>FY25</u>	<u>FY26</u>	<u>FY27</u>	<u>FY28</u>
K	62	70	64	63	62	60	61	61	61	61	61
1	61	64	73	67	66	64	62	63	63	63	63
2	66	63	67	76	70	69	67	64	66	66	66
3	71	68	65	69	78	72	71	69	66	68	68
4	78	74	71	68	72	81	75	74	72	69	71
5	71	80	75	72	69	73	83	77	75	73	70
6	65	75	84	79	76	72	77	87	81	79	77
7	68	66	76	85	80	77	73	78	88	82	80
8	70	69	67	77	86	81	78	74	79	89	83
TOTAL	612	629	642	656	659	649	647	647	651	650	639
K-8 Total	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>FY23</u>	<u>FY24</u>	<u>FY25</u>	<u>FY26</u>	<u>FY27</u>	<u>FY28</u>
K	609	705	653	643	660	642	658	658	669	680	718
1	568	610	711	661	660	662	645	660	660	671	684
2	630	562	607	712	673	652	653	635	651	651	661
3	691	639	572	623	739	682	661	662	644	660	660
4	621	678	631	573	638	724	669	649	650	632	648
5	660	614	672	631	586	630	716	662	641	642	624
6	585	652	611	673	643	581	624	708	655	636	636
7	550	575	642	608	677	631	571	613	695	644	625
8	568	542	569	639	618	665	622	563	604	683	634
TOTAL	5482	5577	5668	5763	5894	5869	5819	5810	5869	5899	5890

Beginning in FY19, kindergarten projections are increased by 40 students per year to reflect School Committee Policy regarding Metco/Material Fee student admission.

revised 12/20/2017

Birth and Graduation Years

School Year 2016/17

PK2	2032	09.01.13	08.31.14
PK3	2031	09.01.12	08.31.13
PK4	2030	09.01.11	08.31.12
K	2029	09.01.10	08.31.11
1	2028	09.01.09	08.31.10
2	2027	09.01.08	08.31.09
3	2026	09.01.07	08.31.08
4	2025	09.01.06	08.31.07
5	2024	09.01.05	08.31.06
6	2023	09.01.04	08.31.05
7	2022	09.01.03	08.31.04
8	2021	09.01.02	08.31.03
9	2020	09.01.01	08.31.02
10	2019	09.01.00	08.31.01
11	2018	09.01.99	08.31.00
12	2017	09.01.98	08.31.99

School Year 2017/18

PK2	2033	09.01.14	08.31.15
PK3	2032	09.01.13	08.31.14
PK4	2031	09.01.12	08.31.13
K	2030	09.01.11	08.31.12
1	2029	09.01.10	08.31.11
2	2028	09.01.09	08.31.10
3	2027	09.01.08	08.31.09
4	2026	09.01.07	08.31.08
5	2025	09.01.06	08.31.07
6	2024	09.01.05	08.31.06
7	2023	09.01.04	08.31.05
8	2022	09.01.03	08.31.04
9	2021	09.01.02	08.31.03
10	2020	09.01.01	08.31.02
11	2019	09.01.00	08.31.01
12	2018	09.01.99	08.31.00

School Year 2018/19

PK2	2034	09.01.15	08.31.16
PK3	2033	09.01.14	08.31.15
PK4	2032	09.01.13	08.31.14
K	2031	09.01.12	08.31.13
1	2030	09.01.11	08.31.12
2	2029	09.01.10	08.31.11
3	2028	09.01.09	08.31.10
4	2027	09.01.08	08.31.09
5	2026	09.01.07	08.31.08
6	2025	09.01.06	08.31.07
7	2024	09.01.05	08.31.06
8	2023	09.01.04	08.31.05
9	2022	09.01.03	08.31.04
10	2021	09.01.02	08.31.03
11	2020	09.01.01	08.31.02
12	2019	09.01.00	08.31.01

Residential Zoning & Permitting

In 1961-1962, Brookline zoning went through major map revisions, reducing the area of Town zoned for apartment land use, and adding Floor Area Ratio (FAR) as a tool to define density (in addition to height and lot coverage). Although the overall zoning change reduced the amount of land zoned for apartment use¹⁶, zones allowing multifamily uses in some cases changed to higher height allowances by right than previous zoning maps.¹⁷ In 1970, rent control was enacted, and the first major downzoning amendment was in 1973.¹⁸ The Town continued to downzone multifamily districts through zoning maps adopted in 1979, and 1986-1987.

In this current economically driven development cycle, the Greater Boston area has seen a very high demand for new apartment construction. These regional market forces have coincided with the quickly-closing timeframe when developers will be able to propose residential developments using a comprehensive permitting process at densities greater than those otherwise allowed by local zoning in Brookline, through the state's Chapter 40B law and regulations, which applies only in communities with less than 10% affordable housing units. Once 10% of Brookline's existing and permitted housing units are designated affordable per state standards, the Town will be able to return to its full local authority to permit residential development according to Brookline's local zoning. This closing development window was highlighted to the general public when The Residences of South Brookline (the first 40B Hancock Village proposal of 161 rental units) was permitted, temporarily raising the town's affordable housing inventory to 9.2%. However, that project's construction delay meant that the 161 permitted units came off the state's inventory of affordable units, and Brookline's percentage of affordable housing units on the state's inventory is now back to 8.6%.

Until Brookline reaches the 10% inventory threshold, any 40B applications filed with the Zoning Board of Appeals (ZBA) will be in the queue of potential 40B projects that must be considered by the ZBA. As illustrated in the attached list of pending 40B development projects already in the 40B permitting queue, this "closing window" effect may result in over 1,000 new residential units in this development cycle.

Number of Housing Units Stable Since 2000

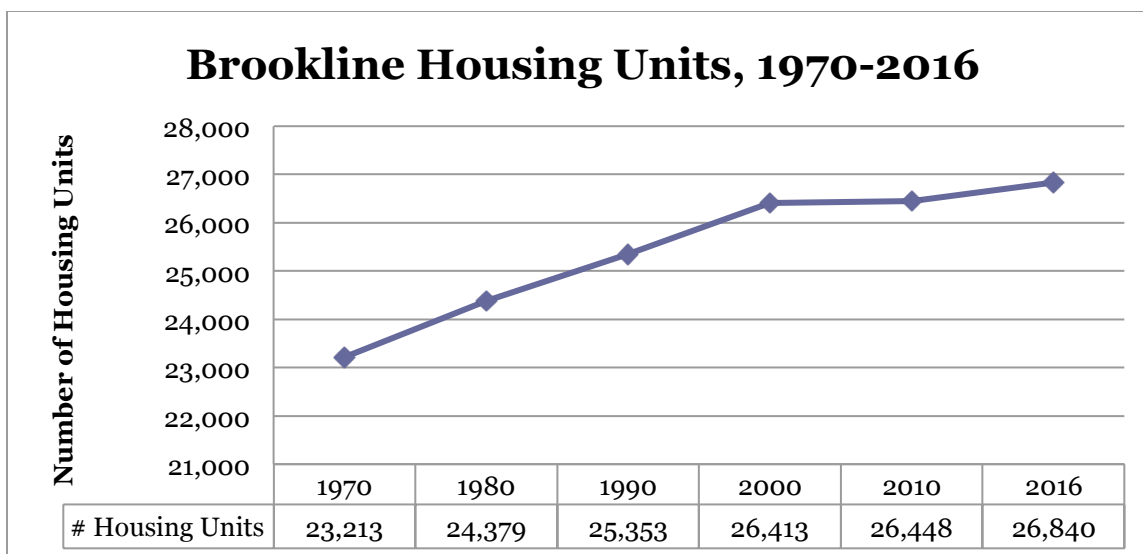
Data from the United States Census Bureau's decennial census show a consistent increase in the number of housing units added to the overall Brookline housing stock between 1970 and 2000, adding about 1,000 net new units every decade. In 2000-2010, that trend halted and there was no significant change in the overall housing stock. As of January 1, 2016, the Assessors' records indicate 26,840 total housing units¹⁹.

¹⁶ 1976 Comprehensive Plan, p. 3

¹⁷ New Zoning for Brookline Report, October 1961, page iii and preliminary zoning map

¹⁸ 1989 Brookline Comprehensive Plan, p. 27

¹⁹ Includes taxable and non-taxable properties, e.g., Brookline Housing Authority units.



Decennial data (1970-2010) are from US Census Bureau decennial census; 2016 data from Brookline Assessors' Office.

As shown in the above graphs, periods of Town-wide housing growth since 1976 have not historically correlated with periods of increases or declines of Town-wide enrollment in Brookline. Housing growth continues to be very steady. Even if all of the large currently proposed development projects listed in this report are constructed prior to 2020, the number of housing units created from 2000 to 2020 will still be less than the 20 years prior.

Future Development

While the number of housing units may only have increased by 427, the Enrollment Working Group is continuing to develop a projection model to establish an enrollment projection methodology for new building developments that are anticipated to come online over the next five to ten years. The base of the new model is to use existing properties, either rental or condo, to match those properties against three years of student information. The Enrollment Working Group is looking for the following trends and indicators:

- 1) How many students live in the different types of # bedroom units?
- 2) What is the age range/grade level distribution of students?
- 3) What is the turnover of units in a building over a three-year period given the Mobility Rates of the district over time?
- 4) Is there or has there been an increase in students by address (conversion or other type of household density)?

The Enrollment Working Group has made requests to multiple property owners or management companies for what is termed a "Rent Roll." This listing is simply the mailing address with unit number and the number of bedrooms that were actually built and in use. No names of residents or personal information is requested or needed for the analysis. This number of bedroom by unit number information is not always consistent with the drawings and plans that are on file with the Assessors or the Building Department. The district is interested in matching the "Rent Roll" information against the district's student information system to tell us what type of bedroom unit/residence current students are residing and to build a projection model for new developments based on experience.

Potential Large Development Projects

as of November 20, 2017

Project Suspended	Project	Total # Units	Studio	# 1-Bed	2-Bed	3-Bed	4-Bed	Age-Restricted (55+ or 62+)	Notes	Earliest Date Construction Complete
	40 Centre St	40	16	14	5	5	0	N/A	in litigation	17-Aug-19
	420 Harvard & 49 Coolidge	25	3	6	11	5	0	N/A	approved	18-Jul-19
	1180 Boylston	45	0	21	24	0	0	55+	approved	16-Sep-19
	384 Harvard (JCHE) - elderly	62		52	10			62+	approved; waiting for state funding to proceed	16-Oct-20
★	111 Cypress	98	20	44	24	10	0	N/A	permitting process suspended until February 2018; Nov. Town Meeting released funds for town to purchase property	15-Mar-20
*	1299 Beacon	74	0	32	42	0	0	55+	40B Comp permitting process to begin April 2018	10-Oct-20
*	Waldo/Durgin (40B)	299	7	158	104	30	0	N/A	earliest 40B Comp permitting process to begin April 2018	13-Apr-21
	455 Harvard	17	0	10	5	2	0	N/A	approved	22-Jul-19
	134 Babcock	52	22	19	5	6	0	N/A	decision anticipated January 2018	12-Oct-19
*	1200 Beacon (Holiday Inn)	142	14	78	50	0	0	N/A	Of these totals, there are 11 1BR, 6 2BR, and 1 3BR condo units proposed; remaining are rental units.	13-Apr-21
	21 Crown	8	0			8	0	N/A	approved; building permit anticipated soon	30-Jun-19
	Hancock Village - ROSB	161	0	57	59	22	23	N/A	in litigation; update will be available early December regarding status of lawsuit. Note bedroom mix is maximum for each type listed in decision. The number of units of each type does not add up to the total allowed of 161 units.	18-Feb-20
*	Hancock Village - Puddingstone	226	0	65	133	20	12	N/A	permitting process suspended; update will be available early December. Info taken from May 2016 presentation; note that unit mix doesn't add up to total number of units. Note that 28 of these units are existing (11 1-bed, 15 2-bed, 2 3-bed).	6-Feb-21
	Total:	1249	82	556	472	108	35			
★	Property to be taken by eminent domain - development not included in the projection									
*	Very preliminary; 40B permitting process has not begun or was suspended early in the process.									