

ENROLLMENT PLANNING & CLASS SIZE REPORT

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Newton Public Schools
100 Walnut Street
Newtonville, MA 02460

David Fleishman
Superintendent

Sandra Guryan
Deputy Superintendent/Chief Administrative Officer

Acknowledgements:

Jennifer Price, Principal, Newton North High School
Joel Stembridge, Principal, Newton South High School
Emily Lewis, History Teacher/Special Programs, Newton North High School
Mary Scott, Vice Principal, Newton South High School
Sue Dzikowski, Director of Finance
Sean Mannion, Senior Budget Analyst
Julie Kirrane, School Information Specialist

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EXECUTIVE SUMMARY

This report presents information on class sizes in the Newton Public Schools at the elementary, middle and high schools. Class sizes have decreased at the elementary and middle school grade levels in 2013-14, have remained the same at Newton North and have increased at Newton South resulting in a small net increase in class sizes at the high school grade level. The purpose of this statistical review is to provide an overview of current and past class sizes and a planning tool for subsequent school years.

The elementary average class size has decreased to 21.2 students from 22.0 students last year. Class sizes range at the elementary schools from 16 to 26 students, with only 6% of classes having 25 students or more, a 10% drop from last year. Class size has decreased from 21.9 to 21.7 students on average at the middle schools. The middle school average team size has decreased from 91 students in 2012-13 to 89 students this year, with average team sizes at individual schools ranging from 81 to 98 students. For a second year, there are no teams of over 100 students and, subsequently, there are fewer large classes over 25 students at the middle schools, 13% of classes this year. At the high school level, the average class size for major subjects has increased from 21.9 students to 22.0 students on average in 2013-14. The number of high school classes in the range of 25-29 students has also increased to 30% while the number of classes with fewer than 20 students decreased to 23%. Typically, and as is the case this year, there is a small difference in the class sizes at Newton North and Newton South. Class sizes on average tend to be slightly lower at Newton North due to the mix of instructional models at the high schools.

This year's improved or stabilized class sizes are due to the successful passage of the March 2013 override and subsequent FY14 budget which funds amelioration of class sizes by adding teaching staff at all grade levels and providing for additional elementary school short-term space. This report highlights the combination of facilities expansion and additional staffing resources that have been a key factor in the district's successful management of enrollment growth. For example, adding additional teachers at the high schools resulted in an overall increase in class size of only one tenth (from 21.9 students to 22.0) during a period of rapid enrollment growth which would have led to much higher class sizes. Override funds provided for a total of ten newly installed modular classrooms at Bowen, Burr, Horace Mann and Mason-Rice, a significant increase in instructional space which served to lower class size. Elementary school capacity was also increased by internal renovations which were extensive this past summer, such as the freeing up of one classroom at Lincoln-Eliot by constructing additional preschool space at the Education Center and the construction of a classroom in part of the library at Bowen. At the middle schools, the completion of the Day construction project added six regular classrooms providing room for increased Day enrollment and for all Cabot students to attend Day while also improving team and class sizes at both Bigelow and Day.

This fall, after staffing plans were finalized and reserve teachers were deployed, there was an increase in instructional staffing of 8.8 FTE at the elementary schools. As a direct result of this staffing and the additional classroom spaces, the largest class sections of 2012-13 with 27 or 28 students were eliminated this year. At the middle schools, 11.6 FTE teachers were added in core team academics and for multi-team instruction as middle school enrollment increased by 130 students, with the greatest growth at Day, Brown and Oak Hill (in order of magnitude). The team and class sizes achieved were close to plan as laid out in the FY14 budget process and improved from the prior year. The high schools experienced an enrollment increase of 132 students, 36 students more than projected.

The addition of 10 FTE teachers at North and South protected the high schools from what would have been a significant increase in average class sizes and instead allowed for the maintenance of class sizes. *Note that the staffing increases described above are exclusive of other regular education increases made in specialist teachers, math coaches or literacy.* As intended last year, further staffing and class size improvements are already included in the FY15 budget plans for the high schools as their growth continues next year.

Historical perspective on class size averages and the distribution of large and small classes are shown in the following two tables. Maintaining favorable class sizes has been a steady priority of the School Committee, as reflected annually in the School Committee Budget Guidelines. Class sizes at the elementary and middle schools have decreased from the 2011-12 academic year which was the high point for class sizes in the past decade. The high schools, where the growth trend began last year, are currently at a ten-year class size high. Teaching staff has been added at all levels to address class size both in 2012-13, and to a larger degree in 2013-14 after the approval of the property tax override, and will continue in 2014-15 due to increased resources available from the 2013 override.

Table 1 shows the average class sizes for elementary classes in all grades and secondary classes in the five major subject areas since 2004-05. Both the elementary and middle schools have had improvements in average class size, with the greatest decrease occurring at the elementary schools. The combined average class size at the high school level has not decreased in four years.

TABLE 1

**AVERAGE CLASS SIZES FOR ELEMENTARY CLASSES (K-5) AND SECONDARY SCHOOL CLASSES (6-12) IN ENGLISH, WORLD LANGUAGE, SCIENCE, HISTORY AND SOCIAL SCIENCES AND MATHEMATICS
TEN YEARS**

Grade Level	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
Elementary	20.3	20.6	21.1	20.1	21.9	22.0	22.3	22.3	22.0	21.2
Middle	21.5	21.1	21.8	20.7	21.2	21.7	21.7	22.8	21.9	21.7
High	21.7	21.8	21.2	21.2	21.4	21.3	21.6	21.9	21.9	22.0

Table 2 shows both the percentage of classes with 25 or more students and the percentage of classes with fewer than 20 students over a four-year period from 2010-11 to the present. This year, both the elementary and middle schools experienced a decrease in the percentage of large classes with 25 students or more. The elementary level shows a 10% decrease representing a reduction of 25 large classes. At the middle school level, there has been a change in the percentage of large classes, down by 4%. At the high school level, the percentage of large classes has risen from 27% last year to 30% this year. At the elementary level, the percentage of classes with fewer than 20 students has increased from 15% to 24% this year. The middle school's percentage of smaller sized classes has held steady at 18% and the percentage at the high school level has decreased from 25% to 23%.

TABLE 2

**PERCENT OF CLASSES WITH 25 OR MORE STUDENTS AND WITH
FEWER THAN 20 STUDENTS
2010-11 THROUGH 2013-14**

LEVEL	25 Students or More				Fewer Than 20 Students			
	2010-11	2011-12	2012-13	2013-14	2010-11	2011-12	2012-13	2013-14
Elementary	16%	18%	16%	6%	12%	11%	15%	24%
Middle	13%	26%	17%	13%	16%	11%	18%	18%
High	26%	29%	27%	30%	26%	24%	25%	23%

The remainder of the report contains detailed information by school and by grade at each level. The elementary section of the report includes past and present data as well as *theoretical* class size data for the next five years, incorporating the enrollment forecast published in November 2013. These classroom arrays put forth a preliminary plan for accommodating the projected enrollments in the classrooms that are currently available, as seen in Table 13 on current uses of Newton’s 273 full size classrooms in elementary schools. The theoretical arrays, when considered in combination with the current classroom inventory and uses, also highlight potential areas where the management of class sizes through the use of buffer zones and out-of-assigned district approvals are likely to be necessary. For example, next year in 2014-15, Horace Mann’s class sizes of 24-25 students in first and second grade are expected to be improved by the use of two available buffer zones; Horace Mann’s grade 4 in two years also exceeds target class sizes. The theoretical arrays for Peirce in the next two years also suggest the possibility of 28 student classes in grades 4 and 5 and the need to use available tools to mitigate class size. Additionally, in five years by 2018-19, the number of classrooms expected at Mason-Rice exceeds the capacity by one classroom.

Long-range facilities plans to expand and modernize Newton’s school buildings by means of large and medium size projects at the elementary schools over a total time horizon of twenty years anticipate being able to accommodate a student population of up to 6,300 students in 15 elementary schools with an estimated 337 classrooms. During the next five years of this plan, it is anticipated that the district will reach a capacity of 305 classrooms by means of the school building projects at Angier, Zervas and Cabot with estimated completion dates of January 2016, September 2017 and January 2018, respectively, and also at Carr, to be complete by September 2014.

Again, the projected arrays are theoretical and not staffing plans and are subject to change due to the ongoing facilities and program management at the schools. Elementary enrollment is projected to grow from 5,799 students to a high of 5,963 through 2018-19. The total number of classrooms projected to be required over the next five years ranges from 274 to 278 (274 in 2014-15 and 2015-16, 275 in 2016-17, 278 in 2017-18 and 277 in 2018-19), with a theoretical average elementary class size ranging from 21.4 – 21.5, assuming some combination classes are used.

The middle school section includes data on class sizes for the team core academics in English, Science, Social Studies and Math and for multi-team classes in World Languages. Information on team size is also presented. The distribution of small classes (fewer than 20 students) and large classes (more than 25 students) is also described for all middle school students.

The high school section contains detailed statistics on class size, teacher load and departmental enrollments. This data provides a view of the full program of both high schools as well as the deployment of staff.

ELEMENTARY SCHOOL CLASS SIZE

Average elementary class sizes have decreased to 21.2 students this year. During the past decade, elementary school class size averages have ranged from a high in both 2010-11 and 2011-12 of 22.3 students to a low of 19.8 students ten years ago. The 273 regular elementary school classes range in size. At the smaller end of the range, there are 14 classes of 16 or 17 students and, at the larger end, there are 17 classes of 25 or 26 students. Table 3 shows the overall distribution of elementary school class sizes in 2013-14 compared with 2012-13. There are no very large classes of 27 or 28 students this year while there were 12 classes in this size range last year. The modular additions at Bowen allowed for four classes in each grade and the elimination of the largest classes in grades 2 through 4. The modular classroom at Horace Mann allowed for relief from large class sizes in grade 5. Underwood added a classroom to reduce the largest class sizes in grade 4. An additional classroom at Lincoln-Eliot became available due to the relocation of a preschool classroom to the Education Center, making it possible to improve class size in kindergarten. There are more small classes with fewer than 20 students this year, 66 classes compared with 39 classes last year. The majority of classes, 190 classrooms (70%), are in the preferred range of 20-24 students.

Table 4 shows the number, type and size of elementary school classes by grade for all 15 elementary schools. The majority of classes with more than 24 students occur in the higher elementary grades (12 classes out of 17), with 5 larger classes in grades K – 2.

Table 5 shows the distribution of elementary classes by small classes (15-19 students) and large classes (25 or more students). The elementary schools have fewer large classes in the current year where 6% of classes have 25 or more students. This represents a reduction of 25 large classes in elementary schools. The greatest numbers of classes with more than 25 students this year are located at Cabot, Lincoln-Eliot and Underwood with a total of four classes at Lincoln-Eliot and three classes each at Cabot and Underwood. Bowen has eight small classes enrolling fewer than 20 students and Memorial-Spaulding has ten small classes.

Table 6 combines detailed information for each school including the distribution of class sizes, the total enrollment and the average class size. The elementary average class sizes range from a high of 22.5 to a low of 19.8. Horace Mann and Burr have the highest average class sizes this year, and all the classes are in the range of 20-24 students except for two classes that have more than 25 students. Memorial-Spaulding and Zervas have the lowest average class sizes and, as seen in Table 5, have the greatest number of small classes.

Table 7 shows the current year's class size distribution by school and provides a detailed look at class size at individual schools. Note that there are 273.5 FTE teachers in 273 classes. Tables 8-12 show *theoretical* elementary school class sizes for October 2014 through October 2018. Elementary school class sizes for the next five years include projected numbers of new METCO students, maintaining the program's population.

Table 13 details the number of full-size classrooms available in the elementary schools and shows how these classrooms are being used at each school in the 2013-14 school year. Usage of full-size classroom spaces varies from year to year as facility adjustments are made corresponding with enrollment changes and programmatic needs. Information on elementary modular classrooms is included in Table 13.

MIDDLE SCHOOL CLASS AND TEAM SIZES

This year the middle schools are experiencing continued improvement in both average class size and the number of large classes after a peak two years ago. Table 14 shows that the overall average middle school class size has decreased from 21.9 students last year to 21.7 students in the current year. Historical average class sizes also are provided in Table 14. The number and percentage of large classes of more than 25 students has declined from 17% to 13%, a reduction of 16 large class sections at the middle schools. The individual school charts in Table 14 show that Bigelow, Day and Oak Hill have average class sizes that are lower this year and that Brown has a slightly higher average class size than last year. Brown has the highest average class size at 22.6 students and Bigelow has the lowest at 20.8 students. Brown has the highest proportion of large classes of more than 25 students with 17% large classes (26 sections) followed by Day which has 15% large classes (30 sections). Bigelow and Oak Hill have the most small classes under 25 students with 33% (39 sections) and 23% (33 sections), respectively.

Table 15 provides detailed statistics on the average team sizes at each middle school at each grade level and provides comparison statistics from the last four years. The overall team size average for all grades has decreased from 91 students last year to 89 students this year. This year's team sizes are most favorable in grade 6, with an average team size of 85 students. Students in grade 6, which this year is the largest middle school cohort with 978 students, had larger team sizes last year with 90 students on average. Teams are fairly well balanced in grades 7 and 8, with only a few teams in the high 90s. Oak Hill, with 634 students, again deployed an additional half team of core academic teachers (2.0 FTE teachers) to work with both grades 7 and 8 to reduce average team size and address class size especially in grade 8, which otherwise would have had a team size of 100 students this year.

The table below summarizes Tables 14 and 15 and shows the information in order of team size.

2013-14 (In Order of Team Size)

School	Avg. Team Size	Avg. Class Size	% Classes > 25 Students	% Classes < 20 Students
Brown	93	22.6	17%	7%
Day	90	22.0	15%	15%
Bigelow	87	20.8	9%	33%
Oak Hill	85	21.0	11%	23%
All Middle Schools	89	21.7	13%	18%

HIGH SCHOOL CLASS SIZE

Distribution of Class Sizes by High School Departments (Tables 16-19)

Table 16 shows that the overall average class size at North High School remained the same at 21.9 students this year. South High School increased from 21.9 students last year to 22.1 in the current year. The differential in average class size between the two high schools is 0.2 students this year, as typically expected.

It is not unusual to see a difference of 0.1 to 0.2 in average class size between Newton North and Newton South. During the budget process, high school class size data is used in a planning model designed to produce equitable class sizes at the two high schools. Typically, there are slightly lower average class sizes at Newton North due to higher enrollment in Curriculum II classes which require smaller class sizes. This differential in enrollment in Curriculum II classes is evaluated annually. Ultimately, factors that are finalized during the late spring and summer, after the completion of the budgeting cycle, result in the actual class size statistics at the high schools. These factors include: class enrollment decisions of students, staffing decisions including the distribution of teacher additions for enrollment, and shifts in actual enrollment versus projections. Overall average class sizes are also affected by the number of courses taken per student as described in the section below on departmental enrollments.

This year, the lowest average class sizes are in the English Department at both North (20.3 students) and South (20.6 students). At North, the highest average class sizes are in History (23.4 students) and Mathematics (23.3 students). Mathematics at South (23.5 students) has the highest average class sizes.

Table 17 details the number of classes by curriculum designation for each of the five major academic areas. This table also includes three years of historical information as well as the current year. Table 18 is another broad summary that totals the five academic areas by curriculum designation, including special education classes, for each high school for the current school year and for last year.

Table 19 gives a detailed distribution of sections of courses within the five major academic areas with 25 or more students. The number of large classes increased at both high schools, by 7 class sections at Newton North and by 5 sections at Newton South.

Individual High School Course Enrollment Tables (Tables 20 and 21)

These tables include a complete catalogue of high school course offerings. The tables provide the following information for each course:

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

High School Departmental Enrollments (Tables 22 and 23)

These tables give the departmental enrollments since 2004 including the 5 major academics plus Art, Music, Theatre, Business, Career & Technical, Technology/Engineering, and Physical Education/Wellness. Departmental enrollments compared to total school enrollment results in the average number of courses taken per student at each high school. Both high schools show a slight increase this year in the average number of courses taken per student: 7 classes at Newton South and 6.5 classes at Newton North. *Note that there may be some elective classes for which there is a difference in the scheduled number of blocks per course.* These statistics do not include English Language Learners and special education course offerings.

Components of Teaching Load at the High Schools (Tables 24-29)

Tables 26 and 29 show a distribution of the number of weighted students (adjusted for the number of times a course meets) taught by full-time teachers in each high school department.

Tables 24 and 27 list several components of teaching load for all teachers by department including full-time teachers, part-time teachers, administrators who teach, and full-time teachers who teach in more than one department. The components of these tables include the following: the average number of students taught, the average number of students adjusted for the times each course meets per week with 4 periods as the standard, the average number of classes taught, and the average number of daily preparations.

Tables 25 and 28 show the distribution of the number of periods taught by full-time faculty in each department at North and South High Schools.

ELEMENTARY SCHOOL CLASS SIZE

**TABLE 3
COMPARISON OF ELEMENTARY SCHOOL CLASSES
2012-13 AND 2013-14**

Class Size	2012-13		2013-14	
	N	% of Total	N	% of Total
13	0	0%	0	0%
14	0	0%	0	0%
15	0	0%	0	0%
16	0	0%	2	1%
17	3	1%	12	4%
18	12	5%	15	5%
19	24	9%	37	14%
20	42	16%	41	15%
21	45	17%	37	14%
22	21	8%	42	15%
23	46	17%	42	15%
24	28	11%	28	10%
25	15	6%	11	4%
26	15	6%	6	2%
27	11	4%	0	0%
28	1	0%	0	0%
29	0	0%	0	0%
30 or more	0	0%	0	0%
Total	263	100%	273	100%
	Average = 22.0*		Average = 21.2*	

*Does not include four substantially separate classrooms at Countryside (1), Franklin (1) and Underwood (2) with a total of 25 students who receive special education services outside their regular classroom for a portion of the day.

TABLE 4
NUMBER, TYPE AND SIZE OF CLASSES
Distribution of Class Sizes in 2013-14

GRADE	5-9	10-14	15-19	20-24	25-29	30-34	TOTAL
K			12	33			45
K-1				2			2
1			11	32	3		46
1-2							0
2			14	29	2		45
2-3							0
3			15	29	3		47
3-4							0
4			9	32	4		45
4-5							0
5			5	33	5		43
Other*	4						4
Total	4	0	66	190	17	0	277*
% of Total	1%	0%	24%	70%	6%	0%	100%

* Four substantially separate classrooms at Countryside, Franklin, Underwood Schools serve a total of 24 students who receive special education services outside the regular classroom for a portion of the day. These classes are included above. For the purposes of the class size computation, these students are counted in their assigned inclusion classroom rather than their special education classroom.

Average Class Size = 21.2

**TABLE 5
DISTRIBUTION OF SMALL AND LARGE CLASSES
2013-14**

School	Fewer than 19 Students						25 or more Students						
	Grade	K	1	2	3	4	5	K	1	2	3	4	5
Angier				4									
Bowen			4			4							
Burr													
Cabot	3					3				3			
Countryside													
Franklin	2				3		1			1			
Horace Mann								2					
Lincoln-Eliot		3	3	1								2	2
Mason-Rice						2							
Memorial-Spaulding			4	4			2		1				
Peirce	2				3								1
Underwood	2									1			2
Ward		3	3									2	
Williams		3											
Zervas	3	2					2						
Total	12	11	14	15	9	5		0	3	2	3	4	5

TABLE 6

ANGIER SCHOOL
NUMBER, TYPE, SIZE OF CLASSES
 Distribution of Class Size in 2013-14

Grade	15-19	20-24	25-29	30-34	TOTAL
K		3			3
K-1					0
1		3			3
1-2					0
2		3			3
2-3					0
3	4				4
3-4					0
4		3			3
4-5					0
5		3			3
Total	4	15	0	0	19
% of Total	21%	79%	0%	0%	100%
Total Enrollment:		417	Average Class Size:		21.9

BOWEN SCHOOL

NUMBER, TYPE, SIZE OF CLASSES
 Distribution of Class Size in 2013-14

Grade	15-19	20-24	25-29	30-34	TOTAL
K		4			4
K-1					0
1		4			4
1-2					0
2	4				4
2-3					0
3		4			4
3-4					0
4	4				4
4-5					0
5		4			4
Total	8	16	0	0	24
% of Total	33%	67%	0%	0%	100%
Total Enrollment:		502	Average Class Size:		20.9

BURR SCHOOL

NUMBER, TYPE, SIZE OF CLASSES

Distribution of Class Size in 2013-14

Grade	15-19	20-24	25-29	30-34	TOTAL
K		4			4
K-1					0
1		3			3
1-2					0
2		3			3
2-3					0
3		3			3
3-4					0
4		3			3
4-5					0
5		3			3
Total	0	19	0	0	19
% of Total	0%	100%	0%	0%	100%
Total Enrollment:		424	Average Class Size:		22.3

CABOT SCHOOL

NUMBER, TYPE, SIZE OF CLASSES

Distribution of Class Size in 2013-14

Grade	15-19	20-24	25-29	30-34	TOTAL
K	3				3
K-1					0
1		4			4
1-2					0
2		3			3
2-3					0
3			3		3
3-4					0
4	3	1			4
4-5					0
5		3			3
Total	6	11	3	0	20
% of Total	30%	55%	15%	0%	100%
Total Enrollment:		419	Average Class Size:		21.0

COUNTRYSIDE SCHOOL

NUMBER, TYPE, SIZE OF CLASSES

Distribution of Class Size in 2013-14

Grade	15-19	20-24	25-29	30-34	TOTAL
K		3			3
K-1					0
1		3			3
1-2					0
2		3			3
2-3					0
3		4			4
3-4					0
4		4			4
4-5					0
5		4			4
Other					1
Total	0	21	0	0	22*
% of Total	0%	95%	0%	0%	100%
Total Enrollment:		457	Average Class Size:		21.8

* The other classroom is a small substantially separate special education classroom that is not included in the calculation for average class size.

FRANKLIN SCHOOL

NUMBER, TYPE, SIZE OF CLASSES

Distribution of Class Size in 2013-14

Grade	15-19	20-24	25-29	30-34	TOTAL
K	2	2			4
K-1					0
1		3			3
1-2					0
2		2	1		3
2-3					0
3	3				3
3-4					0
4		3			3
4-5					0
5	1	2			3
Other					1
Total	6	12	1	0	19*
% of Total	32%	63%	5%	0%	100%
Total Enrollment:		389	Average Class Size:		20.5

* The other classroom is a small substantially separate special education classroom that is not included in the calculation for average class size.

HORACE MANN SCHOOL

NUMBER, TYPE, SIZE OF CLASSES

Distribution of Class Size in 2013-14

Grade	15-19	20-24	25-29	30-34	TOTAL
K		3			3
K-1					0
1		1	2		3
1-2					0
2		4			4
2-3					0
3		3			3
3-4					0
4		3			3
4-5					0
5		3			3
Total	0	17	2	0	19
% of Total	0%	89%	11%	0%	100%
Total Enrollment:		427	Average Class Size:		22.5

LINCOLN-ELIOT SCHOOL

NUMBER, TYPE, SIZE OF CLASSES

Distribution of Class Size in 2013-14

Grade	15-19	20-24	25-29	30-34	TOTAL
K		3			3
K-1					0
1	3				3
1-2					0
2	3				3
2-3					0
3	1	2			3
3-4					0
4			2		2
4-5					0
5			2		2
Total	7	5	4	0	16
% of Total	44%	31%	25%	0%	100%
Total Enrollment:		329	Average Class Size:		20.6

MASON-RICE SCHOOL

NUMBER, TYPE, SIZE OF CLASSES

Distribution of Class Size in 2013-14

Grade	15-19	20-24	25-29	30-34	TOTAL
K		4			4
K-1					0
1		4			4
1-2					0
2		3			3
2-3					0
3		3			3
3-4					0
4	2	2			4
4-5					0
5		3			3
Total	2	19	0	0	21
% of Total	10%	90%	0%	0%	100%
Total Enrollment:		457	Average Class Size:		21.8

MEMORIAL-SPAULDING SCHOOL

NUMBER, TYPE, SIZE OF CLASSES

Distribution of Class Size in 2013-14

Grade	15-19	20-24	25-29	30-34	TOTAL
K		3			3
K-1					0
1		2	1		3
1-2					0
2	4				4
2-3					0
3	4				4
3-4					0
4		3			3
4-5					0
5	2	2			4
Total	10	10	1	0	21
% of Total	48%	48%	5%	0%	100%
Total Enrollment:		429	Average Class Size:		20.4

PEIRCE SCHOOL

NUMBER, TYPE, SIZE OF CLASSES

Distribution of Class Size in 2013-14

Grade	15-19	20-24	25-29	30-34	TOTAL
K	2				2
K-1		1			1
1		2			2
1-2					0
2		3			3
2-3					0
3	3				3
3-4					0
4		2			2
4-5					0
5		1	1		2
Total	5	9	1	0	15
% of Total	33%	60%	7%	0%	100%
Total Enrollment:		312	Average Class Size:		20.8

UNDERWOOD SCHOOL

NUMBER, TYPE, SIZE OF CLASSES

Distribution of Class Size in 2013-14

Grade	15-19	20-24	25-29	30-34	TOTAL
K	2				2
K-1		1			1
1		2			2
1-2					0
2		1	1		2
2-3					0
3		3			3
3-4					0
4		3			3
4-5					0
5			2		2
Other					2
Total	2	10	3	0	17*
% of Total	12%	59%	18%	0%	100%
Total Enrollment:		327	Average Class Size:		21.8

* The other classroom is a small substantially separate special education classroom that is not included in the calculation for average class size.

WARD SCHOOL

NUMBER, TYPE, SIZE OF CLASSES

Distribution of Class Size in 2013-14

Grade	15-19	20-24	25-29	30-34	TOTAL
K		2			2
K-1					0
1	3				3
1-2					0
2	3				3
2-3					0
3		2			2
3-4					0
4			2		2
4-5					0
5		2			2
Total	6	6	2	0	14
% of Total	43%	43%	14%	0%	100%
Total Enrollment:	289		Average Class Size:	20.6	

WILLIAMS SCHOOL

NUMBER, TYPE, SIZE OF CLASSES

Distribution of Class Size in 2013-14

Grade	15-19	20-24	25-29	30-34	TOTAL
K		2			2
K-1					0
1	3				3
1-2					0
2		2			2
2-3					0
3		2			2
3-4					0
4		3			3
4-5					0
5		2			2
Total	3	11	0	0	14
% of Total	21%	79%	0%	0%	100%
Total Enrollment:	304		Average Class Size:	21.7	

ZERVAS SCHOOL

NUMBER, TYPE, SIZE OF CLASSES

Distribution of Class Size in 2013-14

Grade	15-19	20-24	25-29	30-34	TOTAL
K	3				3
K-1					0
1	2	1			3
1-2					0
2		2			2
2-3					0
3		3			3
3-4					0
4		2			2
4-5					0
5	2	1			3
Total	7	9	0	0	16
% of Total	44%	56%	0%	0%	100%
Total Enrollment:		317	Average Class Size:		19.8

**TABLE 7
DISTRIBUTION OF ELEMENTARY CLASS SIZES
2013-14
ENROLLMENT OCTOBER 1**

SCHOOL	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5	
Angier							19					
	23		23		23		19		24		22	# Rooms
	22		23		23		19		24		22	19
	22		23		23		18		23		22	
TOTAL	67	0	69	0	69	0	75	0	71	0	66	417
Bowen												
	24		21		19		21		19		23	# Rooms
	24		21		19		21		19		22	24
	24		21		19		21		18		22	
	23		21		19		21		18		22	
TOTAL	95	0	84	0	76	0	84	0	74	0	89	502
Burr												
	20											# Rooms
	20		22		24		23		24		23	19
	20		22		23		23		24		23	
	20		22		23		22		23		23	
TOTAL	80	0	66	0	70	0	68	0	71	0	69	424
Cabot			20						20			# Rooms
	18		20		22		26		19		23	20
	18		20		21		26		19		22	
	18		20		21		25		19		22	
TOTAL	54	0	80	0	64	0	77	0	77	0	67	419
Countryside							21		23		21	# Rooms
	22		23		24		20		23		20	21
	21		22		24		20		23		20	
	21		22		24		20		23		20	
TOTAL	64	0	67	0	72	0	81	0	92	0	81	457
Franklin												
	20											# Rooms
	20		21		25		18		22		20	19
	19		21		24		17		22		20	
	19		20		24		17		21		19	
TOTAL	78	0	62	0	73	0	52	0	65	0	59	389
Horace Mann					20							# Rooms
	23		25		20		24		24		22	19
	22		25		20		23		23		22	
	22		24		20		23		23		22	
TOTAL	67	0	74	0	80	0	70	0	70	0	66	427
Lincoln-Eliot												# Rooms
	21		17		19		20					16
	21		16		19		20		26		25	
	21		16		19		19		25		25	
TOTAL	63	0	49	0	57	0	59	0	51	0	50	329

There is a 0.5 FTE Teacher at Bowen supporting all grades; there are 273.5 FTE Teachers in 273 classrooms.

TABLE 7, Continued
DISTRIBUTION OF ELEMENTARY CLASS SIZES
2013-14
ENROLLMENT OCTOBER 1

SCHOOL	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5		
Mason-Rice	23		21						20				
	23		21		22		24		20		24	# Rooms	
	22		20		22		24		19		24	21	
	20		20		22		24		19		23		
TOTAL	88	0	82	0	66	0	72	0	78	0	71		457
Memorial-Spaulding					17		19				20	# Rooms	
	23		25		17		19		23		20	21	
	22		24		17		18		23		19		
	22		24		17		18		23		19		
TOTAL	67	0	73	0	68	0	74	0	69	0	78		429
Peirce					21		19					# Rooms	
	18		21		21		19		23		25	15	
	18	20	21		21		19		22		24		
TOTAL	36	20	42	0	63	0	57	0	45	0	49		312
Underwood							21		22			# Rooms	
	19		22		25		20		22		26	15	
	19	20	21		24		20		21		25		
TOTAL	38	20	43	0	49	0	61	0	65	0	51		327
Ward			17		18							# Rooms	
	22		17		18		23		26		23	14	
	21		17		17		22		26		22		
TOTAL	43	0	51	0	53	0	45	0	52	0	45		289
Williams			19						24			# Rooms	
	23		19		24		21		24		23	14	
	22		19		20		21		23		22		
TOTAL	45	0	57	0	44	0	42	0	71	0	45		304
Zervas	18		20				22				20	# Rooms	
	18		19		21		22		21		19	16	
	17		19		20		21		21		19		
TOTAL	53	0	58	0	41	0	65	0	42	0	58		317

	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5		
Grand Total	938	40	957	0	945	0	982	0	993	0	944		5,799
Avg. Class Size	20.8	20.0	20.8	0.0	21.0	0.0	20.9	0.0	22.1	0.0	21.9		21.2
# of Rooms/Classes	45	2	46	0	45	0	47	0	45	0	43		273

There is a 0.5 FTE Teacher at Bowen supporting all grades; there are 273.5 FTE Teachers in 273 classrooms.

TABLE 8
DISTRIBUTION OF ELEMENTARY CLASS SIZES
2014-15
ENROLLMENT OCTOBER 1

SCHOOL	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5	
Angier					19							
<i>In construction</i>			21		19		24		26		24	# Rooms
<i>Carr opens</i>	22		21		19		24		25		24	19
	21	22	20		19		24		25		23	
TOTAL	43	22	62	0	76	0	72	0	76	0	71	422
Bowen												
			22		22		20		22		19	
	20		22		22		20		21		19	# Rooms
	20		22		22		20		21		19	24
	19	20	21		21		19		21		19	
TOTAL	59	20	87	0	87	0	79	0	85	0	76	493
Burr												
			21									
	22		20		22		25		23		23	# Rooms
	22		20		22		25		23		23	19
	21		20		22		24		22		23	
TOTAL	65	0	81	0	66	0	74	0	68	0	69	423
Cabot												
					21				20			
	22		19		20		22		20		26	# Rooms
	22		19		20		21		19		25	20
	22		19		20		21		19		25	
TOTAL	66	0	57	0	81	0	64	0	78	0	76	422
Countryside												
									21		23	
	21		20		23		24		21		23	# Rooms
	21		20		22		24		20		23	21
	20	20	20		22		24		20		23	
TOTAL	62	20	60	0	67	0	72	0	82	0	92	455
Franklin												
			21									
	21		20		21		25				23	# Rooms
	20		20		21		25		25		23	18
	20		20		21		24		25		22	
TOTAL	61	0	81	0	63	0	74	0	50	0	68	397
Horace Mann												
							21					
	23		24		25		20		25		23	# Rooms
	22		24		25		20		25		23	19
	22		23		24		20		24		23	
TOTAL	67	0	71	0	74	0	81	0	74	0	69	436
Lincoln-Eliot												
	16		21				20		21		18	# Rooms
<i>Pre-K class to be moved to</i>	16		21		24		19		20		18	17
<i>Education Center</i>	15		21		24		19		20		17	
TOTAL	47	0	63	0	48	0	58	0	61	0	53	330

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

TABLE 8, Continued
DISTRIBUTION OF ELEMENTARY CLASS SIZES
2014-15
ENROLLMENT OCTOBER 1

SCHOOL	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5	
Mason-Rice	18		23		22							# Rooms 21
	18		23		21		23		24		26	
	18		22		21		22		24		25	
	18		22		21		22		24		25	
TOTAL	72	0	90	0	85	0	67	0	72	0	76	462
Memorial-Spaulling			19		20				20			# Rooms 21
	23		19		20		23		19		24	
	23		19		19		23		19		23	
	22		19		19		22		19		23	
TOTAL	68	0	76	0	78	0	68	0	77	0	70	437
Peirce					18		22					# Rooms 15
	18		22		18		22		28		22	
	18	18	22		18		21		28		22	
TOTAL	36	18	44	0	54	0	65	0	56	0	44	317
Underwood					19				21		22	# Rooms 16
	22		20		19		27		21		22	
	22	18	20		18		26		21		21	
TOTAL	44	18	40	0	56	0	53	0	63	0	65	339
Ward					18		18					# Rooms 14
	23		24		18		18		23		26	
	22		24		18		17		22		25	
TOTAL	45	0	48	0	54	0	53	0	45	0	51	296
Williams					20						24	# Rooms 14
	20		24		20		22		22		23	
	20		23		19		22		21		23	
TOTAL	40	0	47	0	59	0	44	0	43	0	70	303
Zervas	22		18		20				22			# Rooms 16
	22		18		20		21		21		22	
	21		18		20		21		21		21	
TOTAL	65	0	54	0	60	0	42	0	64	0	43	328

	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5	
Grand Total	840	98	961	0	1008	0	966	0	994	0	993	5,860
Avg. Class Size	20.5	19.6	20.9	0.0	20.6	0.0	22.0	0.0	22.1	0.0	22.4	21.4
# of Rooms/Classes	41	5	46	0	49	0	44	0	45	0	44	274

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

TABLE 9
DISTRIBUTION OF ELEMENTARY CLASS SIZES
2015-16
ENROLLMENT OCTOBER 1

SCHOOL	Grade											TOTAL	
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5		
Angier					20		20						
Angier opens January 2016	21		21		19		20		24			26	# Rooms
Capacity: 465 Students	21		20		19		20		24			25	20
Classrooms: 24	21		20		19		19		24			25	
TOTAL	63	0	61	0	77	0	79	0	72	0	76	428	
Bowen													
	19		18		26		23		20			22	# Rooms
	19		18		26		23		20			22	24
	18		17		26		23		20			22	
	18		17		25		22		20			21	
TOTAL	74	0	70	0	103	0	91	0	80	0	87	505	
Burr					21								
	23		22		20		24		25			22	# Rooms
	23		22		20		23		24			22	19
	23		22		20		23		24			22	
TOTAL	69	0	66	0	81	0	70	0	73	0	66	425	
Cabot							21						
	19		21		20		20		22			26	# Rooms
	19		20		19		20		22			26	20
	18	20	20		19		20		21			26	
TOTAL	56	20	61	0	58	0	81	0	65	0	78	419	
Countryside													
	18		19									21	# Rooms
	18		19		23		23		25			21	21
	17		19		22		22		24			20	
	17		19		22		22		24			20	
TOTAL	70	0	76	0	67	0	67	0	73	0	82	435	
Franklin					21								
	21		21		21		21		24				# Rooms
	21		21		20		21		23			26	18
	21		21		20		21		23			26	
TOTAL	63	0	63	0	82	0	63	0	70	0	52	393	
Horace Mann													
	20		20		24		25		29			25	# Rooms
	20		20		24		25		28			24	19
	19	20	20		23		25		28			24	
TOTAL	59	20	60	0	71	0	75	0	85	0	73	443	
Lincoln-Eliot													
	18				21				20			22	# Rooms
	18		23		21		25		20			21	16
	18		23		20		24		20			21	
TOTAL	54	0	46	0	62	0	49	0	60	0	64	335	

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

TABLE 9, Continued
DISTRIBUTION OF ELEMENTARY CLASS SIZES
2015-16
ENROLLMENT OCTOBER 1

SCHOOL	Grade											TOTAL	
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5		
Mason-Rice					24		22						# Rooms
	21		21		23		22		23		24		21
	21	20	21		23		21		22		23		
TOTAL	63	20	63	0	93	0	86	0	67	0	70		462
Memorial-Spaulding			19		20						20		# Rooms
	23		19		20		26		24		20		21
	23		19		19		26		24		19		
	23		18		19		26		23		19		
TOTAL	69	0	75	0	78	0	78	0	71	0	78		449
Peirce									22				# Rooms
	19		20		22		23		21		28		15
	19	20	20		22	20	22		21		27		
TOTAL	38	20	40	0	44	20	45	0	64	0	55		326
Underwood									18		21		# Rooms
	20		22		21		24		18		21		16
	19	18	22		21	22	24		18		21		
TOTAL	39	18	44	0	42	22	48	0	54	0	63		330
Ward							19						# Rooms
	22		20		21		18		27		22		14
	22		19	20	20		18		26		22		
TOTAL	44	0	39	20	41	0	55	0	53	0	44		296
Williams					17		20						# Rooms
	23		21		16		20		23		21		14
	22		21		16		19		23		21		
TOTAL	45	0	42	0	49	0	59	0	46	0	42		283
Zervas	18		22				21				22		# Rooms
<i>In Construction</i>	18		22		28		20		21		21		16
	18		21		28		20		20		21		
TOTAL	54	0	65	0	56	0	61	0	41	0	64		341

	Grade											TOTAL	
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5		
Grand Total	860	98	871	20	1004	42	1007	0	974	0	994		5,870
Avg. Class Size	20.0	19.6	20.3	20.0	21.4	21.0	21.9	0.0	22.7	0.0	22.6		21.4
# of Rooms/Classes	43	5	43	1	47	2	46	0	43	0	44		274

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

TABLE 10
DISTRIBUTION OF ELEMENTARY CLASS SIZES
2016-17
ENROLLMENT OCTOBER 1

SCHOOL	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5	
Angier							20		20			
<i>An est. 25 students will be added to the new school (TBD)</i>	22		23		23		20		20		24	# Rooms
	21		22		23		20		20		24	20
	21		22		23		20		20		24	
TOTAL	64	0	67	0	69	0	80	0	80	0	72	432
Bowen												
	20		20		19		27		23		21	# Rooms
	19		20		18		27		23		21	24
	19		20		18		27		23		20	
	19		19		18		26		23		20	
TOTAL	77	0	79	0	73	0	107	0	92	0	82	510
Burr							22					
	23		23		22		21		23		24	# Rooms
	23		23		22		21		23		24	19
	22		23		22		21		23		24	
TOTAL	68	0	69	0	66	0	85	0	69	0	72	429
Cabot									21			
<i>In construction</i>	22		20		21		20		21		22	# Rooms
	22		20		21		19		21		21	20
	21		20	20	20		19		20		21	
TOTAL	65	0	60	20	62	0	58	0	83	0	64	412
Countryside			18		19							
	22		18		19		23		23		25	# Rooms
	22		18		19		22		22		24	20
	21		18		19		22		22		24	
TOTAL	65	0	72	0	76	0	67	0	67	0	73	420
Franklin	17						21					
	17		22		22		21		21		25	# Rooms
	17		21		22		21		20		25	20
	16		21		21		20		20		24	
TOTAL	67	0	64	0	65	0	83	0	61	0	74	414
Horace Mann											22	
	23		24		23		24		27		21	# Rooms
	23		24		23		24		26		21	19
	23		24		23		24		26		21	
TOTAL	69	0	72	0	69	0	72	0	79	0	85	446
Lincoln-Eliot							21				21	# Rooms
	21		23		23		21		26		21	15
	21	20	22		22		21		25		21	
TOTAL	42	20	45	0	45	0	63	0	51	0	63	329

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

TABLE 10, Continued
DISTRIBUTION OF ELEMENTARY CLASS SIZES
2016-17
ENROLLMENT OCTOBER 1

SCHOOL	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5		
Mason-Rice							24		22				
	22		22		26		24		22		22	# Rooms	
	22		22		25		24		21		22	21	
	21	20	21		25		23		21		21		
TOTAL	65	20	65	0	76	0	95	0	86	0	65		472
Memorial-Spaulding			19		20		20		21			# Rooms	
	23		19		19		20		21		24	22	
	22		19		19		19		20		24		
	22		19		19		19		20		24		
TOTAL	67	0	76	0	77	0	78	0	82	0	72		452
Peirce											21	# Rooms	
	21		22		20		23		28		21	15	
	20	20	21		20	22	22		27		20		
TOTAL	41	20	43	0	40	22	45	0	55	0	62		328
Underwood	17				19		19		21			# Rooms	
	16		24		19		18		20		27	16	
	16		24		18		18		20		27		
TOTAL	49	0	48	0	56	0	55	0	61	0	54		323
Ward									18			# Rooms	
	23		20		21		26		18		26	14	
	22		19	21	20		25		18		26		
TOTAL	45	0	39	21	41	0	51	0	54	0	52		303
Williams									21			# Rooms	
	23		20		17		25		20		23	14	
	22		19	20	17		25		20		22		
TOTAL	45	0	39	20	34	0	50	0	61	0	45		294
Zervas	18		19		23				20			# Rooms	
<i>In construction</i>	18		18		23		29		20		21	16	
	18		18		22		28		20		20		
TOTAL	54	0	55	0	68	0	57	0	60	0	41		335

	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5		
Grand Total	883	60	893	61	917	22	1046	0	1041	0	976		5,899
Avg. Class Size	20.5	20.0	20.8	20.3	20.8	22.0	22.3	0.0	21.7	0.0	22.5		21.5
# of Rooms/Classes	43	3	43	3	44	1	47	0	48	0	43		275

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

TABLE 11
DISTRIBUTION OF ELEMENTARY CLASS SIZES
2017-18
ENROLLMENT OCTOBER 1

SCHOOL	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5	
Angier					19				21		20	# Rooms 21
<i>An est. 25 students will be added to the new school (TBD)</i>	22		23		19		24		20		20	
	22		23		19		24		20		20	
	22		23		18		24		20		20	
TOTAL	66	0	69	0	75	0	72	0	81	0	80	443
Bowen												# Rooms 24
	20		21		21		19		28		24	
	20		20		21		19		27		24	
	19		20		20		19		27		24	
	19		20		20		19		27		23	
TOTAL	78	0	81	0	82	0	76	0	109	0	95	521
Burr									22			# Rooms 19
	23		23		23		23		21		23	
	23		23		23		23		21		23	
	22		23		23		23		21		22	
TOTAL	68	0	69	0	69	0	69	0	85	0	68	428
Cabot											21	# Rooms 20
<i>Opens January 2018</i>	21		20		21		24		20		21	
<i>Capacity (est.): 475 Students</i>	21		20		20		24		20		20	
<i>Classrooms: 24</i>	21		20	20	20		24		19		20	
TOTAL	63	0	60	20	61	0	72	0	59	0	82	417
Countryside							19					# Rooms 19
	22		22		24		19		23		23	
	22		22		24		19		23		22	
	21		22		24		19		22		22	
TOTAL	65	0	66	0	72	0	76	0	68	0	67	414
Franklin									20			# Rooms 19
	23		23		22		22		20		21	
	22		23		22		22		20		21	
	22		22		21		21		19		21	
TOTAL	67	0	68	0	65	0	65	0	79	0	63	407
Horace Mann												# Rooms 19
	20		21		24		24		26		26	
	19		21		24		24		25		26	
	19	20	20		24		23		25		26	
TOTAL	58	20	62	0	72	0	71	0	76	0	78	437
Lincoln-Eliot												# Rooms 16
	18		18		18				22			
	18		17		18		23		22		27	
	17		17		17		23		22		26	
TOTAL	53	0	52	0	53	0	46	0	66	0	53	323

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

TABLE 11, Continued
DISTRIBUTION OF ELEMENTARY CLASS SIZES
2017-18
ENROLLMENT OCTOBER 1

SCHOOL	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5		
Mason-Rice	23		23		26		26		24		21		# Rooms
	22		22		26		26		24		21		21
	22	20	22		25		25		23		21		
TOTAL	67	20	67	0	77	0	77	0	95	0	84		487
Memorial-Spaulding	23		19		20		20		21		21		# Rooms
	22		19		20		19		21		21		23
	22		18		20		19		20		20		
TOTAL	67	0	74	0	79	0	77	0	82	0	82		461
Peirce	19		22		20		18						# Rooms
	19	20	22		19		18		28		27		15
	19		22		19		17		27		26		
TOTAL	38	20	44	0	58	0	53	0	55	0	53		321
Underwood	21		21		18		20				21		# Rooms
	20	18	20		17		20		29		20		16
	20		20		17		20		28		20		
TOTAL	41	18	41	0	52	0	60	0	57	0	61		330
Ward	18		21		26		21		20		27		# Rooms
	18	18	21		26		21	22	20		26		14
	18		21		26		21		20		26		
TOTAL	36	18	42	0	52	0	42	22	40	0	53		305
Williams	20		20		18		24				21		# Rooms
	19	18	20		18		23		27		21		15
	19		20		18		23		26		21		
TOTAL	39	18	40	0	54	0	47	0	53	0	63		314
Zervas													
Opens September 2017					20		23		19		21		# Rooms
Capacity (est.): 450 Students	23		23		19		23		19		20		17
Classrooms: 24	23	20	22		19		23		18		20		
TOTAL	46	20	45	0	58	0	69	0	56	0	61		355

	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5		
Grand Total	852	134	880	20	979	0	972	22	1061	0	1043		5,963
Avg. Class Size	20.8	19.1	21.0	20.0	20.8	0.0	21.6	22.0	22.6	0.0	22.0		21.4
# of Rooms/Classes	41	7	42	1	47	0	45	1	47	0	47		278

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

TABLE 12
DISTRIBUTION OF ELEMENTARY CLASS SIZES
2018-19
ENROLLMENT OCTOBER 1

SCHOOL	Grade		Grade		Grade		Grade		Grade		Grade		TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5		
Angier					19		20				21		
<i>An est. 25 students will be added to the new school (TBD)</i>	22		23		19		20		25		20		# Rooms
	22		23		19		19		24		20		21
	22		23		19		19		24		20		
TOTAL	66	0	69	0	76	0	78	0	73	0	81		443
Bowen													
	20		21		22		22		20		28		# Rooms
	20		21		21		21		19		28		24
	20		20		21		21		19		28		
	19		20		21		21		19		28		
TOTAL	79	0	82	0	85	0	85	0	77	0	112		520
Burr											21		# Rooms
	23		23		23		25		23		21		19
	23		23		23		24		23		21		
	23		23		23		24		23		20		
TOTAL	69	0	69	0	69	0	73	0	69	0	83		432
Cabot					18		18						# Rooms
<i>An est. 25 students will be added to the new school (TBD)</i>	21		23		18		18		25		20		20
	21		22		18		18		24		20		
	21		22		17		17		24		19		
TOTAL	63	0	67	0	71	0	71	0	73	0	59		404
Countryside									19				# Rooms
	22		23		22		24		19		23		19
	21		22		22		24		19		23		
	21		22		22		24		19		22		
TOTAL	64	0	67	0	66	0	72	0	76	0	68		413
Franklin											21		# Rooms
	22		23		23		22		21		21		19
	22		23		23		22		21		21		
	22		22		23		22		20		20		
TOTAL	66	0	68	0	69	0	66	0	62	0	83		414
Horace Mann													# Rooms
	19		21		24		25		25		25		19
	19		20		24		24		25		25		
	19	20	20		24		24		24		25		
TOTAL	57	20	61	0	72	0	73	0	74	0	75		432
Lincoln-Eliot					17		18				23		# Rooms
	22		21		17		18		24		23		16
	22	20	21		17		18		24		22		
TOTAL	44	20	42	0	51	0	54	0	48	0	68		327

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

TABLE 12, Continued
DISTRIBUTION OF ELEMENTARY CLASS SIZES
2018-19
ENROLLMENT OCTOBER 1

SCHOOL	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5	
Mason-Rice	20		20		20						23	# Rooms 22
	20		20		20		26		26		23	
	19		20		20		26		26		23	
	19		20		19		26		25		23	
TOTAL	78	0	80	0	79	0	78	0	77	0	92	484
Memorial-Spaulding			19		19		20		21			# Rooms 22
	22		18		19		20		20		28	
	22		18		19		20		20		27	
	22		18		19		20		20		27	
TOTAL	66	0	73	0	76	0	80	0	81	0	82	458
Peirce			18		19		20					# Rooms 15
	23		18		19		20		26		27	
	23		17		18		20		26		27	
TOTAL	46	0	53	0	56	0	60	0	52	0	54	321
Underwood					18				21		19	# Rooms 16
	19		20		18		28		21		19	
	19	20	20		17		27		20		19	
TOTAL	38	20	40	0	53	0	55	0	62	0	57	325
Ward			17		19							# Rooms 14
	21		16		18		27		26		25	
	21		16		18		26		26		25	
TOTAL	42	0	49	0	55	0	53	0	52	0	50	301
Williams					18		19					# Rooms 15
	19		21		18		18		25		27	
	19	20	20		18		18		25		27	
TOTAL	38	20	41	0	54	0	55	0	50	0	54	312
Zervas <i>An est. 25 students will be added to the new school (TBD)</i>					19		20		23			# Rooms 16
	23		23		19		20		23		28	
	23	22	23		19		20		22		28	
TOTAL	46	22	46	0	57	0	60	0	68	0	56	355

	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5	
Grand Total	862	102	907	0	989	0	1013	0	994	0	1074	5,941
Avg. Class Size	21.0	20.4	20.6	0.0	19.8	0.0	21.6	0.0	22.6	0.0	23.3	21.4
# of Rooms/Classes	41	5	44	0	50	0	47	0	44	0	46	277

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

**TABLE 13
CURRENT ELEMENTARY SCHOOL USE OF FULL SIZE CLASSROOM SPACE IN 2013-14**

School	Building Gross Sq. Ft. (Per Public Buildings Dept.)	# Modular Structures *	2013-14 Regular Classroom Instruction	District Special Education	Art	Music	Learning Center	English Language Learners	Occupational Therapy	Sensory Integration	Speech & Language	Literacy	Inclusion or ESP	Faculty Room	Cafeteria **	Integrated PreK Program	After School Program	Other Use	Total # of Full Size Classrooms Available (definition varies across schools)
Angier(1)	51,300		19		1	1							1						22
Bowen	64,815	4	24		1														25
Burr(2)	53,000	2	19		1	1													21
Cabot(3)	42,800	4	20		1	1	1					1			1				25
Countryside(4)	65,000	4	21	1				1				1	1						25
Franklin	56,764		19	1	1	1							1						23
Horace Mann(5)	51,074	5	19														1		20
Lincoln-Eliot	38,400		16		1	1										3			21
Mason-Rice	35,600	4	21		1	1	1										1		25
Memorial-Spaulding(6)	68,775		21		1	1		1					1		1				26
Peirce(7)	39,000	2	15		1			1							1				18
Underwood	43,300		15	1	1	1							1				1		20
Ward(8)	38,000		14		1	1	1		1								1		19
Williams(9)	41,700		14		1		1								1				17
Zervas(10)	32,446	5	16		1		1				1								19
Total	721,974	30	273	3	13	9	5	3	1	0	1	2	5	0	4	3	3	1	326

*The modular structures are included in (not additional to) the regular classroom or additional educational uses listed above.

Ten new modulars classrooms were added in 2013-14, with one older modular retired from Bowen for a net increase of nine modulars: +4 at Mason-Rice, +1 at Burr, +3 (Net) at Bowen, +1 at Horace Mann

**Six elementary schools have cafeterias. At nine other schools, student lunch space is provided for within:

Hallways at Angier; Multi-purpose space at Burr, Countryside, Franklin, Horace Mann, Mason-Rice and Underwood; and students eat in their regular classrooms at Bowen and Zervas.

(1) Angier's inclusion room is shared by the learning center; literacy and ELL share the library.

(2) Burr's music room is shared with the after school program.

(3) Cabot's cafeteria is located in one full size classroom. The learning center is shared with inclusion, OT, PT, and the speech pathologist. The literacy room is shared with ELL staff, intervention aides and the math coach.

(4) Countryside's auditorium is a multi-purpose space, including a cafeteria space and specialist spaces; inclusion is shared with a special education program.

(5) Horace Mann's other use room is a modular classroom used as a library.

(6) Memorial-Spaulding's learning center and literacy spaces were relocated to rooms that are not full size classrooms.

(7) Peirce's ELL room is shared by OT and speech and language.

(8) Ward's OT room is shared with ELL and another specialist.

(9) Williams' learning center is a smaller room that holds 15 students; the afterschool program is in the gym storage/annex room.

(10) Zervas' learning center is shared with literacy and break out space; the speech and language room is shared with OT, ELL and a math coach.

MIDDLE SCHOOL CLASS SIZE

TABLE 14
DISTRIBUTION OF CLASS SIZES
2013-14
ALL MIDDLE SCHOOLS

Class Size	SUBJECT					TOTAL	
	English	Science	Social Studies	Math	World Language	N	%
30 or more				1	2	3	0.5%
25-29	9	18	18	16	19	80	12.9%
20-24	88	101	96	79	59	423	68.3%
15-19	27	7	12	29	27	102	16.5%
10-14	4			3	4	11	1.8%
10 or fewer							0.0%
Total	128	126	126	128	111	619	100.0%
Avg. Class Size							
2013-14	21.1	22.4	22.1	21.4	21.5	21.7	
2012-13	21.4	22.6	22.6	21.4	21.4	21.9	
2011-12	22.4	23.4	23.1	22.7	22.5	22.8	
2010-11	21.4	22.3	22.1	21.5	21.3	21.7	
2009-10	21.3	22.3	21.8	21.3	21.9	21.7	
2008-09	21.1	21.7	21.5	21.2	20.8	21.2	
2007-08	20.3	21.2	21.1	21.2	19.8	20.7	
2006-07	21.9	22.6	22.6	22.3	19.8	21.8	
2005-06	21.2	21.7	21.3	21.2	20.1	21.1	
2004-05	20.7	22.0	21.6	21.7	21.3	21.5	
2003-04	21.2	22.4	22.0	21.3	20.3	21.4	
2002-03	20.9	22.0	21.2	20.7	20.1	21.0	
2001-02	22.0	22.7	22.6	22.3	20.9	22.1	
2000-01	20.0	21.2	20.2	20.1	18.7	20.0	
1999-00	20.1	20.6	20.3	20.2	18.9	20.0	
1998-99	20.5	21.2	20.8	21.2	19.1	20.6	
1997-98	20.4	21.2	21.1	20.7	20.5	20.8	
1996-97	20.8	22.0	22.0	21.7	20.4	21.4	
1995-96	21.4	22.0	22.3	21.5	20.3	21.5	
1994-95	20.3	21.4	21.2	21.9	21.1	21.2	
1993-94	22.5	24.1	22.9	23.3	19.9	22.7	
1992-93	21.5	23.6	23.8	22.4	22.0	22.6	
1991-92	21.7	24.5	23.7	23.9	21.9	23.1	
1990-91	21.8	23.6	22.4	23.4	22.3	22.7	
1989-90	20.3	23.1	22.9	21.6	22.1	22.0	
1988-89	21.7	22.9	22.3	22.7	22.1	22.3	
1987-88	19.9	22.4	20.7	21.1	22.5	21.2	
1986-87	21.7	22.0	21.4	20.8	21.5	21.4	
1985-86	21.8	22.5	22.4	21.1	20.6	21.7	

**TABLE 14 (CONT.)
DISTRIBUTION OF CLASS SIZES
2013-14
BIGELOW MIDDLE SCHOOL**

Class Size	SUBJECT					TOTAL	
	English	Science	Social Studies	Math	World Language	N	%
30 or more				1		1	0.8%
25-29	2	1	1	4	2	10	8.4%
20-24	14	20	17	7	11	69	58.0%
15-19	8	3	6	12	9	38	31.9%
10-14					1	1	0.8%
10 or fewer						0	0.0%
Total	24	24	24	24	23	119	100.0%
Avg. Class Size							
2013-14	20.9	21.3	21.0	21.0	20.0	20.8	
2012-13	21.0	21.3	21.3	20.9	20.0	20.9	
2011-12	21.9	22.3	22.0	22.1	20.9	21.9	
2010-11	21.4	21.8	21.6	21.7	19.8	21.3	
2009-10	21.2	21.6	21.2	21.4	21.1	21.3	
2008-09	20.5	21.0	20.5	20.5	19.8	20.5	
2007-08	21.1	21.1	21.3	21.1	19.1	20.7	
2006-07	21.5	22.9	22.5	22.2	18.9	21.6	
2005-06	22.2	22.5	22.0	22.0	19.3	21.6	
2004-05	22.0	22.7	22.0	22.2	20.1	21.8	
2003-04	22.0	22.9	22.4	22.7	20.0	22.0	
2002-03	21.2	22.0	21.2	21.0	19.2	20.9	
2001-02	20.6	21.8	21.5	21.1	17.2	20.3	
2000-01	20.4	21.3	20.6	21.3	15.3	19.6	
1999-00	20.4	20.2	19.7	20.2	16.3	19.2	
1998-99	21.8	21.8	21.5	22.0	17.6	20.8	
1997-98	20.8	21.8	21.2	20.8	17.6	20.4	
1996-97	23.9	23.2	23.0	21.6	17.9	21.7	
1995-96	24.9	24.7	24.5	21.8	19.1	22.7	
1994-95	22.6	23.7	23.7	23.0	19.8	22.4	
1993-94	20.8	22.0	22.0	21.8	18.5	21.2	

TABLE 14 (CONT.)
DISTRIBUTION OF CLASS SIZES
2013-14
BROWN MIDDLE SCHOOL

Class Size	SUBJECT					TOTAL	
	English	Science	Social Studies	Math	World Language	N	%
30 or more					1	1	0.6%
25-29	2	6	8	4	5	25	16.1%
20-24	26	25	23	26	19	119	76.8%
15-19	4	1	1	2	2	10	6.5%
10-14							0.0%
10 or fewer							0.0%
Total	32	32	32	32	27	155	100.0%
Avg. Class Size							
2013-14	22.1	23	22.6	22.3	23.3	22.6	
2012-13	22.0	22.7	22.7	21.6	22.3	22.3	
2011-12	22.2	22.7	22.6	22.2	21.8	22.3	
2010-11	21.6	22.1	22.0	21.3	21.7	21.7	
2009-10	20.3	20.8	20.3	20.2	23.1	20.9	
2008-09	20.8	20.9	20.6	21.1	21.1	20.9	
2007-08	19.3	21.3	20.9	21.7	20.4	20.7	
2006-07	21.2	21.7	21.8	21.2	20.2	21.3	
2005-06	20.0	21.0	20.7	19.9	20.0	20.3	
2004-05	19.9	22.3	21.9	22.7	22.1	21.7	
2003-04	20.2	22.6	21.9	19.3	20.4	20.8	
2002-03	19.0	20.8	19.0	18.9	19.9	19.5	
2001-02	21.4	21.5	21.4	21.4	21.7	21.5	
2000-01	19.1	19.4	18.3	18.8	17.1	18.5	
1999-00	20.0	19.0	18.5	18.6	17.2	18.3	
1998-99	18.6	19.4	19.1	19.1	20.1	19.2	
1997-98	17.8	17.8	18.7	18.1	21.0	18.5	
1996-97	18.1	19.9	21.2	20.4	20.8	20.0	
1995-96	20.0	20.9	21.9	21.4	21.2	21.1	
1994-95	19.1	19.7	20.4	20.9	22.4	20.4	
1993-94	24.6	27.0	24.6	23.8	23.0	24.7	
1992-93	20.8	22.7	25.1	21.2	22.6	22.3	
1991-92	21.0	24.8	23.6	22.7	21.8	22.7	
1990-91	20.2	21.5	20.0	21.6	24.2	21.5	
1989-90	19.1	23.4	24.8	21.2	23.6	22.1	
1988-89	22.5	22.7	23.6	23.6	21.5	22.9	
1987-88	18.7	23.3	21.3	21.3	21.8	21.2	
1986-87	23.8	22.4	22.2	22.2	21.1	22.2	
1985-86	23.6	23.5	22.4	22.4	22.7	23.1	

**TABLE 14 (CONT.)
DISTRIBUTION OF CLASS SIZES
2013-14
DAY MIDDLE SCHOOL**

Class Size	SUBJECT					TOTAL	
	English	Science	Social Studies	Math	World Language	N	%
30 or more					1	1	0.5%
25-29	2	6	4	6	11	29	14.4%
20-24	33	33	34	27	13	140	69.7%
15-19	6	3	4	9	7	29	14.4%
10-14	1				1	2	1.0%
10 or fewer							0.0%
Total	42	42	42	42	33	201	100.0%
Avg. Class Size							
2013-14	21.5	22.4	22.3	21.7	22.3	22.0	
2012-13	21.7	22.8	22.7	21.8	22.0	22.2	
2011-12	22.8	23.7	23.7	22.8	25.2	23.6	
2010-11	21.3	22.2	22.1	21.5	22.8	21.9	
2009-10	21.6	22.4	22.3	21.3	21.8	21.9	
2008-09	21.4	22.3	22.0	22.0	21.5	21.9	
2007-08	21.0	21.3	21.6	22.0	21.8	21.5	
2006-07	22.6	22.6	23.3	22.9	21.8	22.7	
2005-06	21.6	22.0	21.6	22.1	21.8	21.8	
2004-05	21.6	21.6	21.4	20.9	23.0	21.7	
2003-04	20.9	21.9	21.6	21.6	21.0	21.4	
2002-03	21.9	22.7	22.8	22.1	20.6	22.1	
2001-02	22.8	23.4	23.1	23.3	22.8	23.1	
2000-01	20.7	21.6	20.9	20.7	22.5	21.3	
1999-00	20.3	21.2	20.9	21.2	21.8	21.1	
1998-99	21.3	22.1	21.2	22.3	20.0	21.4	
1997-98	20.9	22.4	21.3	22.0	21.0	21.5	
1996-97	22.4	23.8	22.4	23.5	22.3	22.9	
1995-96	20.8	21.6	21.3	21.3	20.5	21.1	
1994-95	20.5	21.7	20.5	22.4	20.8	21.2	
1993-94	21.3	22.4	21.4	23.8	17.7	21.5	
1992-93	22.2	24.5	22.8	23.6	21.6	22.9	
1991-92	22.3	24.3	23.7	24.8	22.0	23.4	
1990-91	23.1	25.0	24.0	24.7	21.2	23.6	
1989-90	21.4	22.9	21.7	22.0	21.2	21.8	
1988-89	20.9	23.0	21.2	22.0	22.5	21.9	
1987-88	21.1	21.1	20.8	20.9	23.1	21.3	
1986-87	20.4	21.7	20.6	19.9	21.8	20.8	
1985-86	20.7	21.5	21.5	19.7	19.2	20.5	

TABLE 14 (CONT.)
DISTRIBUTION OF CLASS SIZES
2013-14
OAK HILL MIDDLE SCHOOL*

Class Size	SUBJECT					TOTAL	
	English	Science	Social Studies	Math	World Language	N	%
30 or more							0.0%
25-29	3	5	5	2	1	16	11.1%
20-24	15	23	22	19	16	95	66.0%
15-19	9		1	6	9	25	17.4%
10-14	3			3	2	8	5.6%
10 or fewer							0.0%
Total	30	28	28	30	28	144	100.0%
Avg. Class Size							
2013-14	19.9	22.6	22.3	20.2	20	21.0	
2012-13	20.6	23.6	23.3	21.0	20.9	21.9	
2011-12	22.5	24.7	23.9	23.6	21.7	23.2	
2010-11	21.4	23.3	22.9	21.8	20.8	22.0	
2009-10	22.2	24.7	23.9	22.6	21.1	22.9	
2008-09	21.6	22.6	22.8	20.8	20.2	21.6	
2007-08	19.7	21.0	20.7	19.9	17.9	19.8	
2006-07	22.0	23.7	23.0	22.9	17.9	21.8	
2005-06	21.2	21.4	21.0	21.0	19.3	20.8	
2004-05	19.7	21.6	21.2	21.0	19.3	20.5	
2003-04	22.4	22.6	22.4	22.6	19.7	21.9	
2002-03	22.4	23.0	22.6	21.1	20.7	21.9	
2001-02	22.6	24.0	24.2	23.3	21.3	23.0	
2000-01	20.1	23.1	21.8	20.2	20.1	21.0	
1999-00	21.7	22.6	22.5	21.0	21.6	21.9	
1998-99	21.4	22.0	22.0	22.0	18.1	21.2	
1997-98	23.5	23.9	24.5	22.4	22.0	23.2	

*Oak Hill Middle School opened September, 1997.

TABLE 15
COMPARISON OF AVERAGE MIDDLE SCHOOL TEAM SIZES
2010-11 THROUGH 2013-14

School	2013-14			
	Grade 6	Grade 7	Grade 8	All Grades
Bigelow	81	89	93	88
Brown	86	98	96	93
Day	87	96	89	90
Oak Hill	85	84	85	85
Avg. Team Size	85	92	91	89

School	2012-13			
	Grade 6	Grade 7	Grade 8	All Grades
Bigelow	89	93	84	89
Brown	93	92	91	93
Day	93	87	96	92
Oak Hill	84	94	87	88
Avg. Team Size	90	91	90	91

School	2011-12			
	Grade 6	Grade 7	Grade 8	All Grades
Bigelow	96	84	88	89
Brown	92	88	90	90
Day	100	93	88	94
Oak Hill	80	105	101	94
Avg. Team Size	92	92	91	92

School	2010-11			
	Grade 6	Grade 7	Grade 8	All Grades
Bigelow	81	91	90	87
Brown	87	88	92	89
Day	92	88	87	89
Oak Hill	83	100	98	93
Avg. Team Size	87	91	91	90

HIGH SCHOOL CLASS SIZE

TABLE 16
November 2013
Newton North High School

Class Size	Department										Total	
	English		World Languages		Science		History & Social Science		Mathematics			
	N	%	N	%	N	%	N	%	N	%	N	%
Below 11	2	2%	1	1%	1	3%	0	1%	1	5%	5	1%
11-19	21	26%	27	38%	15	18%	15	24%	17	17%	95	23%
20-24	71	67%	34	39%	33	33%	27	31%	22	33%	187	45%
25-30	0	0%	12	22%	32	46%	33	36%	45	42%	122	29%
Above 30	0	0%	0	0%	0	0%	3	8%	2	2%	5	1.2%
Total*	94	100%	74	100%	81	100%	78	100%	87	100%	414	100%
Avg. Class Size												
2013-14	20.3		20.4		22.3		23.4		23.3		21.9	
2012-13	20.8		20.2		22.3		23.8		22.7		21.9	
2011-12	20.6		20.2		22.2		23.2		22.6		21.8	
2010-11	20.9		20.0		21.9		23.1		22.5		21.7	
2009-10	19.6		20		21.9		22.7		21.5		21.1	
2008-09	19.2		19.3		21.2		22.4		21.4		20.7	
2007-08	19.7		19.1		21.8		22.5		22.5		21.1	
2006-07	19.4		20.2		21.7		23.1		21.7		21.2	
2005-06	19.8		20.2		21.4		23.1		22.2		21.3	

Newton South High School

Class Size	Department										Total	
	English		World Languages		Science		History & Social Science		Mathematics			
	N	%	N	%	N	%	N	%	N	%	N	%
Below 11	0	0%	0	0%	1	1%	0	0%	1	1%	2	1%
11-19	21	25%	25	34%	14	17%	10	14%	15	19%	85	22%
20-24	60	72%	37	51%	35	43%	34	47%	22	28%	188	48%
25-30	2	2%	11	15%	31	38%	29	40%	41	52%	114	29%
Above 30	0	0%	0	0%	0	0%	0	0%	0	0%	0	0.0%
Total*	83	100%	73	100%	81	100%	73	100%	79	100%	389	100%
Avg. Class Size												
2013-14	20.6		20.8		22.5		23.1		23.5		22.1	
2012-13	20.3		20.7		22.3		22.8		23.4		21.9	
2011-12	20.7		21.3		23.6		22.7		22.8		22.2	
2010-11	20.0		19.9		22.4		22.6		22.6		21.5	
2009-10	19.7		20.8		22.6		22.7		22.2		21.6	
2008-09	20.1		22.0		23.1		23.7		22.8		22.2	
2007-08	18.9		21.3		22.4		22.0		22.4		21.3	
2006-07	18.9		21.5		21.8		22.3		22.3		21.3	
2005-06	20.4		22.4		22.5		24.1		23.8		22.5	
2004-05	21.0		21.8		22.4		23.0		23.5		22.3	

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

TABLE 17
Newton North High School
2010-2013

ENGLISH

Curriculum	Total Enroll.	N Sections	Avg. Class Size	Number of Classes										
				Below 11		11 to 19		20 to 24		25 to 30		Above 30		
				N	%	N	%	N	%	N	%	N	%	
H	2010-11	328	15	21.9			2	13%	12	80%	1	7%		
	2011-12	250	12	20.8			2	17%	10	83%				
	2012-13	266	12	22.2			2	17%	8	67%	2	17%		
	2013-14	264	13	20.3	0	0%	3	23%	10	77%	0	0%	0	0%
I	2009-10	1,085	49	22.1			2	4%	44	90%	3	6%		
	2010-11	1,270	57	22.3			5	9%	49	86%	3	5%		
	2011-12	1,305	60	21.8			6	10%	52	87%	2	3%		
	2013-14	1,396	64	21.8	0	0%	5	8%	59	92%	0	0%	0	0%
II	2010-11	214	14	15.3			14	100%						
	2011-12	179	13	13.8	2	15%	11	85%						
	2012-13	195	13	15.0			13	100%						
	2013-14	175	12	14.6	1	8%	10	83%	1	8%	0	0%	0	0%
Unleveled Courses														
	2010-11	189	9	21.0			1	11%	8	89%				
	2011-12	75	4	18.8			3	75%	1	25%				
	2012-13	124	6	20.7			2	33%	4	67%				
	2013-14	75	5	15.0	1	20%	3	60%	1	20%	0	0%	0	0%
Special Program, ELL, MCAS, & Classroom Aides														
	2010-11	242	23	10.5	16	70%	4	17%	3	13%				
	2011-12	267	32	8.3	25	78%	6	19%			1	3%		
	2012-13	237	29	8.2	25	86%	3	10%			1	3%		
	2013-14	248	29	8.6	21	72%	7	24%	0	0%	1	3%	0	0%
Total	2010-11	2,058	110	18.7	16	15%	23	21%	67	61%	5	5%		
	2011-12	2,041	118	17.3	27	23%	27	23%	60	51%	4	3%		
	2012-13	2,127	120	17.7	25	21%	26	22%	64	53%	5	4%		
	2013-14	2,158	123	17.5	23	19%	28	23%	71	58%	1	1%	0	0%
Minus Special Program, ELL, MCAS, & Classroom Aide Courses														
	2010-11	1,816	87	20.9			19	22%	64	74%	4	5%		
	2011-12	1,774	86	20.6	2	2%	21	24%	60	70%	3	3%		
	2012-13	1,890	91	20.8			23	25%	64	70%	4	4%		
	2013-14	1,910	94	20.3	2	2%	21	22%	71	76%	0	0%	0	0%

**Newton North High School
2010-2013**

WORLD LANGUAGE

Curriculum	Total Enroll.	N Sections	Avg. Class Size	Number of Classes										
				Below 11		11 to 19		20 to 24		25 to 30		Above 30		
				N	%	N	%	N	%	N	%	N	%	
H	2010-11	332	18	18.4	1	6%	8	44%	5	28%	4	22%		
	2011-12	338	18	18.8	1	6%	7	39%	6	33%	4	22%		
	2012-13	381	19	20.1			9	47%	6	32%	4	21%		
	2013-14	342	17	20.1	0	0%	7	41%	7	41%	3	18%	0	0%
I	2010-11	895	42	21.3	1	2%	8	19%	28	67%	5	12%		
	2011-12	825	37	22.3			8	22%	18	49%	11	30%		
	2012-13	851	40	21.3			12	30%	18	45%	10	25%		
	2013-14	956	45	21.2	0	0%	13	29%	24	53%	8	18%	0	0%
II	2010-11	210	12	17.5	1	8%	6	50%	5	42%				
	2011-12	229	14	16.4			11	79%	3	21%				
	2012-13	221	13	17.0			7	54%	6	46%				
	2013-14	211	12	17.6	1	8%	7	58%	3	25%	1	8%	0	0%
Unleveled Courses														
	2009-10													
	2010-11													
	2011-12													
	2013-14													
Classroom Aides & Independent Studies														
	2009-10	7	5	0.0	5	100%								
	2010-11	8	1	8.0	1	100%								
	2011-12	12	2	6.0	2	100%								
	2013-14	10	1	10.0	1	100%								
Total	2010-11	1,444	77	18.8	8	10%	22	29%	38	49%	9	12%		
	2011-12	1,400	70	20.0	2	3%	26	37%	27	39%	15	21%		
	2012-13	1,465	74	19.8	2	3%	28	38%	30	41%	14	19%		
	2013-14	1,519	75	20.3	2	3%	27	36%	34	45%	12	16%		
Minus World Language Classroom Aide Courses														
	2010-11	1,437	72	20.0	3	4%	22	31%	38	53%	9	13%		
	2011-12	1,392	69	20.2	1	1%	26	38%	27	39%	15	22%		
	2012-13	1,453	72	20.2	0	0%	28	39%	30	42%	14	19%		
	2013-14	1,509	74	20.4	1	1%	27	36%	34	46%	12	16%		

**Newton North High School
2010-2013**

SCIENCE

Curriculum	Total Enroll.	N Sections	Avg. Class Size	Number of Classes										
				Below 11		11 to 19		20 to 24		25 to 30		Above 30		
				N	%	N	%	N	%	N	%	N	%	
H	2010-11	405	17	23.8			2	12%	7	41%	8	47%		
	2011-12	403	16	25.2					5	31%	11	69%		
	2012-13	431	18	23.9					11	61%	7	39%		
	2013-14	511	21	24.3	0	0%	1	5%	7	33%	13	62%	0	0%
I	2010-11	451	19	23.7			2	11%	7	37%	10	53%		
	2011-12	486	20	24.3					9	45%	11	55%		
	2012-13	672	27	24.9			1	4%	6	22%	20	74%		
	2013-14	676	27	25.0	0	0%	1	4%	8	30%	18	67%	0	0%
II	2010-11	207	15	13.8			15	100%						
	2011-12	210	16	13.1	2	13%	14	88%						
	2012-13	207	15	13.8	1	7%	14	93%						
	2013-14	187	14	13.4	1	7%	13	93%	0	0%	0	0%	0	0%
Unleveled Courses														
	2010-11	604	25	24.2			1	4%	12	48%	12	48%		
	2011-12	587	24	24.5					11	46%	13	54%		
	2012-13	427	18	23.7					13	72%	5	28%		
	2013-14	430	19	22.6	0	0%	0	0%	18	95%	1	5%	0	0%
Special Program, Classroom Aide, & ELL Courses														
	2010-11	122	25	4.9	21	84%	4	16%						
	2011-12	105	12	8.8	9	75%	2	17%	1	8%				
	2012-13	83	8	10.4	6	75%	1	13%	1	13%			1	8%
	2013-14	97	12	8.1	10	83%	1	8%	0	0%	0	0%	1	8%
Total	2010-11	1,789	101	17.7	21	21%	24	24%	26	26%	30	30%		
	2011-12	1,791	88	20.4	11	13%	16	18%	26	30%	35	40%		
	2012-13	1,820	86	21.2	7	8%	16	19%	31	36%	32	37%		
	2013-14	1,901	93	20.4	11	12%	16	17%	33	35%	32	34%	1	1%
Minus Special Program, Classroom Aide, & ELL Courses														
	2010-11	1,667	76	21.9			20	26%	26	34%	30	39%		
	2011-12	1,686	76	22.2	2	3%	14	18%	25	33%	35	46%		
	2012-13	1,737	78	22.3	1	1%	15	19%	30	38%	32	41%		
	2013-14	1,804	81	22.3	1	1%	15	19%	33	41%	32	40%	0	0%

**Newton North High School
2010-2013**

HISTORY AND SOCIAL SCIENCE

Curriculum	Total Enroll.	N Sections	Avg. Class Size	Number of Classes										
				Below 11		11 to 19		20 to 24		25 to 30		Above 30		
				N	%	N	%	N	%	N	%	N	%	
H	2010-11	359	15	23.9			3	20%	6	40%	5	33%	1	7%
	2011-12	385	15	25.7			2	13%	3	20%	7	47%	3	20%
	2012-13	416	17	24.5			1	6%	7	41%	8	47%	1	6%
	2013-14	418	16	26.1	0	0%	1	6%	1	6%	14	88%	0	0%
I	2010-11	969	38	25.5					11	29%	27	71%		
	2011-12	952	39	24.4			1	3%	20	51%	18	46%		
	2012-13	1,140	46	24.8					23	50%	23	50%		
	2013-14	1,148	48	23.9	0	0%	2	4%	26	54%	19	40%	1	2%
II	2010-11	204	14	14.6			14	100%						
	2011-12	188	14	13.4	1	7%	13	93%						
	2012-13	178	12	14.8			11	92%	1	8%				
	2013-14	176	12	14.7	0	0%	12	100%	0	0%	0	0%	0	0%
Unleveled Courses														
	2010-11	220	9	24.4					5	56%	4	44%		
	2011-12	216	7	30.9			2	29%			2	29%	3	43%
	2012-13	101	2	50.5									2	100%
	2013-14	84	2	42.0	0	0%	0	0%	0	0%	0	0%	2	100%
Special Program, All School, ELL & Classroom Aide Courses														
	2010-11	164	18	9.1	13	72%	4	22%	1	6%				
	2011-12	129	14	9.2	10	71%	3	21%			1	7%		
	2012-13	104	14	7.4	11	79%	2	14%	1	7%				
	2013-14	103	12	8.6	10	83%	1	8%	0	0%	1	8%	0	0%
Total	2010-11	1,916	94	20.4	13	14%	21	22%	23	24%	36	38%	1	1%
	2011-12	1,870	89	21.0	11	12%	21	24%	23	26%	28	31%	6	7%
	2012-13	1,939	91	21.3	11	12%	14	15%	32	35%	31	34%	3	3%
	2013-14	1,929	90	21.4	10	11%	16	18%	27	30%	34	38%	3	3%
Minus Special Program, All School, ELL & Classroom Aide Courses														
	2010-11	1,667	76	21.9			20	26%	26	34%	30	39%		
	2011-12	1,741	75	23.2	1	1%	18	24%	23	31%	27	36%	6	0.08
	2012-13	1,835	77	23.8			12	16%	31	40%	31	40%	3	4%
	2013-14	1,826	78	23.4	0	0%	15	19%	27	35%	33	42%	3	4%

**Newton North High School
2010-2013**

MATHEMATICS

Curriculum	Total Enroll.	N Sections	Avg. Class Size	Number of Classes										
				Below 11		11 to 19		20 to 24		25 to 30		Above 30		
				N	%	N	%	N	%	N	%	N	%	
H	2010-11	436	17	25.6			2	12%	5	29%	6	35%	4	24%
	2011-12	497	19	26.2			2	11%	2	11%	13	68%	2	11%
	2012-13	547	21	26.0			1	5%	5	24%	13	62%	2	10%
	2013-14	624	23	27.1	0	0%	0	0%	4	17%	17	74%	2	9%
I	2010-11	1,125	46	24.5			3	7%	20	43%	22	48%	1	2%
	2011-12	1,144	48	23.8			2	4%	25	52%	21	44%		
	2012-13	1,193	51	23.4			8	16%	24	47%	18	35%	1	2%
	2013-14	1,223	51	24.0	0	0%	5	10%	18	35%	28	55%	0	0%
II	2010-11	214	16	13.4	3	19%	13	81%						
	2011-12	188	14	13.4	4	29%	10	71%						
	2012-13	187	13	14.4	1	8%	11	85%	1	8%				
	2013-14	184	13	14.2	1	8%	12	92%	0	0%	0	0%	0	0%
Unleveled Courses														
	2010-11													
	2011-12													
	2012-13													
	2013-14													
Special Program, MCAS Prep., & Classroom Aide Courses														
	2010-11	114	25	4.6	24	96%	1	4%						
	2011-12	109	14	7.8	13	93%	1	7%						
	2012-13	88	13	6.8	12	92%	1	8%						
	2013-14	92	12	7.7	11	92%	1	8%	0	0%	0	0%	0	0%
Total	2010-11	1,889	104	18.2	27	26%	19	18%	25	24%	28	27%	5	5%
	2011-12	1,938	95	20.4	17	18%	15	16%	27	28%	34	36%	2	2%
	2012-13	2,015	98	20.6	13	13%	21	21%	30	31%	31	32%	3	3%
	2013-14	2,123	99	21.4	12	12%	18	18%	22	22%	45	45%	2	2%
Minus Special Program, MCAS Prep., & Classroom Aide Courses														
	2010-11	1,775	79	22.5	3	4%	18	23%	25	32%	28	35%	5	6%
	2011-12	1,829	81	22.6	4	5%	14	17%	27	33%	34	42%	2	2%
	2012-13	1,927	85	22.7	1	1%	20	24%	30	35%	31	36%	3	4%
	2013-14	2,031	87	23.3	1	1%	17	20%	22	25%	45	52%	2	2%

TABLE 17
Newton South High School
2010-2013

ENGLISH

Curriculum	Total Enroll.	N Sections	Avg. Class Size	Number of Classes										
				Below 11		11 to 19		20 to 24		25 to 30		Above 30		
				N	%	N	%	N	%	N	%	N	%	
H	2010-11	325	16	20.3			5	31%	11	69%				
	2011-12	321	14	22.9			1	7%	12	86%		1	7%	
	2012-13	265	13	20.4			5	38%	8	62%				
	2013-14	286	13	22.0			1	8%	11	85%	1	8%		
I	2010-11	1,196	59	20.3			18	31%	39	66%	1	2%	1	2%
	2011-12	1,195	58	20.6			14	24%	43	74%	1	2%		
	2012-13	1,240	58	21.4			10	17%	47	81%	1	2%		
	2013-14	1,329	63	21.1			13	21%	49	78%	1	2%		
II	2010-11	61	4	15.3			4	100%						
	2011-12	56	4	14.0			4	100%						
	2012-13	97	8	12.1	2	25%	6	75%						
	2013-14	94	7	13.4			7	100%						
Special Education, CORE, Ind. Study, ELL, Teaching Assts. & MCAS Support														
	2010-11	236	25	8.6	17	68%	8	32%						
	2011-12	206	22	8.6	13	59%	9	41%						
	2012-13	187	22	8.6	12	55%	10	45%						
	2013-14	192	22	8.6	16	73%	6	27%						
Total	2010-11	1,818	104	17.5	17	16%	35	34%	50	48%	1	1%	1	1%
	2011-12	1,778	98	18.1	13	13%	28	29%	55	56%	1	1%	1	1%
	2012-13	1,789	101	17.7	14	14%	31	31%	55	54%	1	1%		
	2013-14	1,901	105	18.1	16	15%	27	26%	60	57%	2	2%		
Minus Special Education, Ind. Study, Teaching Assts. & MCAS Support														
	2010-11	1,582	79	20.0			27	34%	50	63%	1	1%	1	1%
	2011-12	1,572	76	20.7			19	25%	55	72%	1	1%	1	1%
	2012-13	1,602	79	20.3	2	3%	21	27%	55	70%	1	1%		
	2013-14	1,709	83	20.6			21	25%	60	72%	2	2%		

**Newton South High School
2010-2013**

WORLD LANGUAGE

Curriculum	Total Enroll.	N Sections	Ave. Class Size	Number of Classes										
				Below 11		11 to 19		20 to 24		25 to 30		Above 30		
				N	%	N	%	N	%	N	%	N	%	
H	2010-11	476	24	19.8	1	4%	8	33%	12	50%	3	13%		
	2011-12	398	18	22.1			6	33%	7	39%	4	22%	1	6%
	2012-13	447	20	22.4			4	20%	11	55%	5	25%		
	2013-14	499	24	20.8			8	33%	13	54%	3	13%		
I	2010-11	983	48	20.5	3	6%	12	25%	22	46%	11	23%		
	2011-12	1,008	47	21.4			12	26%	28	60%	7	15%		
	2012-13	969	48	20.2			24	50%	19	40%	5	10%		
	2013-14	980	46	21.3			14	30%	24	52%	8	17%		
II	2010-11	56	4	14.0	1	25%	3	75%						
	2011-12	62	4	15.5			4	100%						
	2012-13	53	3	17.7			2	67%	1	33%				
	2013-14	39	3	13.0			3	100%						
Ind. Study, Teaching Assistants. & Peer Tutors														
	2011-12	19	1	19.0	1	100%								
	2012-13	25	3	8.3	2	67%	1	33%						
	2013-14	25	3	8.3	2	67%	1	33%						
Total	2010-11	1,525	78	19.6	7	9%	23	29%	34	44%	14	18%		
	2011-12	1,468	69	21.3	1	1%	22	32%	35	51%	11	16%	1	1%
	2012-13	1,494	74	20.2	2	3%	31	42%	31	42%	10	14%		
	2013-14	1,543	76	20.3	2	3%	26	34%	37	49%	11	14%		
Minus World Lang. Assts., & Ind. Study														
	2010-11	1,515	76	19.9	5	7%	23	30%	34	45%	14	18%		
	2011-12	1,449	68	21.3	1	1%	22	32%	35	51%	11	16%	1	1%
	2012-13	1,469	71	20.7			30	42%	31	44%	10	14%		
	2013-14	1,518	73	20.8			25	34%	37	51%	11	15%		

**Newton South High School
2010-2013**

SCIENCE

Curriculum	Total Enroll.	N Sections	Ave. Class Size	Number of Classes										
				Below 11		11 to 19		20 to 24		25 to 30		Above 30		
				N	%	N	%	N	%	N	%	N	%	
H	2010-11	332	14	23.7			2	14%	4	29%	8	57%		
	2011-12	404	16	25.3			1	6%	4	25%	11	69%		
	2012-13	495	21	23.6			5	24%	9	43%	6	29%	1	5%
	2013-14	577	26	22.2			7	27%	9	35%	10	38%		
I	2010-11	1,215	53	22.9			5	9%	32	60%	16	30%		
	2011-12	1,130	47	24.0			4	9%	16	34%	27	57%		
	2012-13	1,074	47	22.9			4	9%	32	68%	11	23%		
	2013-14	1,130	47	24.0					26	55%	21	45%		
II	2010-11	108	7	15.4			7	100%						
	2011-12	115	7	16.4			7	100%						
	2012-13	146	9	16.2			9	100%						
	2013-14	117	8	14.6	1	13%	7	88%						
Special Education, Science Assistants														
	2010-11	108	14	7.7	11	79%	3	21%						
	2011-12	88	16	5.5	14	88%	2	13%						
	2012-13	90	13	6.9	11	85%	2	15%						
	2013-14	61	6	10.2	3	50%	3	50%						
Total	2010-11	1,763	88	20.0	11	13%	17	19%	36	41%	24	27%		
	2011-12	1,737	86	20.2	14	16%	14	16%	20	23%	38	44%		
	2012-13	1,805	90	20.1	11	12%	20	22%	41	46%	17	19%	1	1%
	2013-14	1,885	87	21.7	4	5%	17	20%	35	40%	31	36%		
Minus Special Education														
	2010-11	1,655	74	22.4			14	19%	36	49%	24	32%		
	2011-12	1,649	70	23.6			12	17%	20	29%	38	54%		
	2012-13	1,715	77	22.3			18	23%	41	53%	17	22%	1	1%
	2013-14	1,824	81	22.5	1	1%	14	17%	35	43%	31	38%		

**Newton South High School
2010-2013**

HISTORY AND SOCIAL SCIENCE

Curriculum	Total Enroll.	N Sections	Ave. Class Size	Number of Classes										
				Below 11		11 to 19		20 to 24		25 to 30		Above 30		
				N	%	N	%	N	%	N	%	N	%	
H	2010-11	398	17	23.4			1	6%	11	65%	5	29%		
	2011-12	336	14	24.0			3	21%	6	43%	3	21%	2	14%
	2012-13	558	23	24.3					10	43%	13	57%		
	2013-14	615	26	23.7			4	15%	10	38%	12	46%		
I	2010-11	1,101	48	22.9			3	6%	31	65%	14	29%		
	2011-12	1,168	51	22.9			1	2%	41	80%	9	18%		
	2012-13	975	42	23.2			2	5%	26	62%	14	33%		
	2013-14	984	41	24.0					24	59%	17	41%		
II	2010-11	80	5	16.0			5	100%						
	2011-12	62	4	15.5			4	100%						
	2012-13	85	6	14.2			6	100%						
	2013-14	85	6	14.2			6	100%						
Special Education, CORE, ELL, Teach Ass'ts & Ind. Study														
	2010-11	116	12	9.7	7	58%	5	42%						
	2011-12	115	11	10.5	6	55%	5	45%						
	2012-13	116	12	9.7	7	58%	4	33%	1	8%				
	2013-14	114	13	8.8	10	77%	3	23%						
Total	2010-11	1,695	82	20.7	7	9%	14	17%	42	51%	19	23%		
	2011-12	1,681	80	21.0	6	8%	13	16%	47	59%	12	15%	2	3%
	2012-13	1,734	83	20.9	7	8%	12	14%	37	45%	27	33%		
	2013-14	1,798	86	20.9	10	12%	13	15%	34	40%	29	34%		
Minus Special Education, CORE, ELL, Teach Ass'ts & Ind. Study														
	2010-11	1,579	70	22.6			9	13%	42	60%	19	27%		
	2011-12	1,566	69	22.7			8	12%	47	68%	12	17%	2	3%
	2012-13	1,618	71	22.8			8	11%	36	51%	27	38%		
	2013-14	1,684	73	23.1			10	14%	34	47%	29	40%		

**Newton South High School
2010-2013**

MATHEMATICS

Curriculum	Total Enroll.	N Sections	Ave. Class Size	Number of Classes										
				Below 11		11 to 19		20 to 24		25 to 30		Above 30		
				N	%	N	%	N	%	N	%	N	%	
H	2010-11	589	23	25.6			2	9%	4	17%	17	74%		
	2011-12	558	21	26.6					7	33%	11	52%	3	14%
	2012-13	637	25	25.5			1	4%	6	24%	18	72%		
	2013-14	682	26	26.2			1	4%	4	15%	21	81%		
I	2010-11	980	43	22.8			6	14%	26	60%	11	26%		
	2011-12	994	44	22.6	1	2%	4	9%	27	61%	12	27%		
	2012-13	974	40	24.4			3	8%	16	40%	21	53%		
	2013-14	1014	42	24.1			4	10%	18	43%	20	48%		
II	2010-11	175	11	15.9			10	91%	1	9%				
	2011-12	157	10	15.7			8	80%	2	20%				
	2012-13	166	11	15.1	1	9%	9	82%	1	9%				
	2013-14	160	11	14.5	1	9%	10	91%						
Special Education, Teach Assistants, Ind. Study & MCAS Support														
	2010-11	40	10	4.0	10	100%								
	2011-12	45	10	4.5	10	100%								
	2012-13	55	13	4.2	13	100%								
	2013-14	75	13	5.8	13	100%								
Total	2010-11	1,784	87	20.5	10	11%	18	21%	31	36%	28	32%		
	2011-12	1,754	85	20.6	11	13%	12	14%	36	42%	23	27%	3	4%
	2012-13	1,832	89	20.6	14	16%	13	15%	23	26%	39	44%		
	2013-14	1,931	92	21.0	14	15%	15	16%	22	24%	41	45%		
Minus Special Education, Teach Assistants, Ind. Study & MCAS Support														
	2010-11	1,744	77	22.6			18	23%	31	40%	28	36%		
	2011-12	1,709	75	22.8	1	1%	12	16%	36	48%	23	31%	3	4%
	2012-13	1,777	76	23.4	1	1%	13	17%	23	30%	39	51%		
	2013-14	1,856	79	23.5	1	1%	15	19%	22	28%	41	52%		

**TABLE 18
TOTAL FOR 5 ACADEMIC AREAS
November 2013**

Newton North High School

Curriculum	Total Enroll.	N Sections	Avg. Class Size	Number of Classes									
				Below 11		11 to 19		20 to 24		25 to 30		Above 30	
				N	%	N	%	N	%	N	%	N	%
H	2,159	90	24.0	0	0%	12	13%	29	32%	47	52%	2	2%
I	5,399	235	23.0	0	0%	26	11%	135	57%	73	31%	1	0%
II	933	63	14.8	4	6%	54	86%	4	6%	1	2%	0	0%
Unleveled Courses	589	26	22.7	1	4%	3	12%	19	73%	1	4%	2	8%
Special Ed., etc.*	550	66	8.3	53	80%	10	15%	0	0%	2	3%	1	2%
Total	9,630	480	20.1	58	12%	105	22%	187	39%	124	26%	6	1%

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

Newton South High School

Curriculum	Total Enroll.	N Sections	Avg. Class Size	Number of Classes									
				Below 11		11 to 19		20 to 24		25 to 30		Above 30	
				N	%	N	%	N	%	N	%	N	%
H	2,659	115	23.1	0	0%	21	18%	47	41%	47	41%	0	0%
I	5,437	239	22.7	0	0%	31	13%	141	59%	67	28%	0	0%
II	495	35	14.1	2	6%	33	94%	0	0%	0	0%	0	0%
Special Ed., etc.*	467	57	8.2	44	77%	13	23%	0	0%	0	0%	0	0%
Total	9,058	446	20.3	46	10%	98	22%	188	42%	114	26%	0	0.0%

*Includes Special Education, CORE Program, ELL, MCAS support, Teach Assists, Work Study and Independent Study

November 2012

Newton North High School

Curriculum	Total Enroll.	N Sections	Avg. Class Size	Number of Classes									
				Below 11		11 to 19		20 to 24		25 to 30		Above 30	
				N	%	N	%	N	%	N	%	N	%
H	2,041	87	23.5	1	1%	17	21%	35	43%	24	29%	5	6%
I	5,161	224	23.0	1	1%	15	8%	110	57%	67	35%	1	1%
II	988	66	15.0	4	6%	62	87%	5	7%	0	0%	0	0%
Unleveled Courses	652	26	25.1	0	0%	2	5%	25	58%	16	37%	0	0%
Special Ed., etc.*	524	66	7.9	79	82%	13	14%	4	4%	1	1%	0	0%
Total	9,366	469	20.0	85	17%	109	22%	179	37%	108	22%	6	1.0%

Newton South High School

Curriculum	Total Enroll.	N Sections	Avg. Class Size	Number of Classes									
				Below 11		11 to 19		20 to 24		25 to 30		Above 30	
				N	%	N	%	N	%	N	%	N	%
H	2,402	102	23.5	0	0%	15	15%	44	43%	42	41%	1	1%
I	5,272	237	22.3	0	0%	43	18%	140	60%	52	22%	0	0%
II	547	37	14.8	3	8%	32	86%	2	5%	0	0%	0	0%
Special Ed., etc.*	473	63	7.5	45	71%	17	27%	1	2%	0	0%	0	0%
Total	8,694	439	19.8	48	11%	107	24%	187	43%	94	22%	1	1%

*Includes Special Education, CORE Program, ELL, MCAS support, Teach Assists, Work Study and Independent Study

TABLE 19
HIGH SCHOOL CLASSES WITH 25 OR MORE STUDENTS
November 1, 2013

Newton North High School

Size of Class	English		World Languages		Science		History &		Mathematics		Total	
	11-12	12-13	11-12	12-13	11-12	12-13	11-12	12-13	11-12	12-13	11-12	12-13
25	3	0	8	5	15	11	12	13	10	13	48	42
26	1		4	4	11	15	8	8	4	10	28	37
27			1	2	7	5	2	6	3	10	13	23
28			1	1		1	5	4	9	3	15	9
29							4		4	9	8	9
30							1	2	1		2	2
31								1	1	2	1	3
32									1		1	0
Above 32							2	2	1		3	2
Total	4	0	14	12	33	32	34	36	34	47	119	127

Newton South High School

Size of Class	English		World Languages		Science		History & Social Science		Mathematics		Total	
	12-13	13-14	12-13	13-14	12-13	13-14	12-13	13-14	12-13	13-14	12-13	13-14
25	1	2	5	2	5	12	13	12	8	5	32	33
26			3	7	7	13	7	10	12	9	29	39
27			3	2	1	3	5	3	4	7	13	15
28			1	1	3	3	1		10	9	15	13
29			1		1			3	2	5	4	8
30								1	3	5	3	6
31							1				1	
32												
Above 32					1						1	
Total	1	2	13	12	18	31	27	29	39	40	98	114

TABLE 20
North High School Course Enrollment
2013-14
(Enrollment as of November 1, 2013)

Course	Cur.	Total Enroll.	N Sec-tions	Avg. Class Size	Number of Classes									
					Below 11		11-19		20-24		25-30		Above 30	
					N	%	N	%	N	%	N	%	N	%
ENGLISH DEPARTMENT														
Honors English 10 110	H	98	5	19.6			1	20%	4	80%				
Honors English 11 120	H	84	4	21.0			1	25%	3	75%				
AP English 11 129	H	18	1	18.0			1	100%						
AP English 12 130	H	20	1	20.0					1	100%				
Honors Philosophy as Literature 131	H	44	2	22.0					2	100%				
English 9 I 100	I	396	18	22.0					18	100%				
English 10 I 111	I	314	14	22.4			1	7%	13	93%				
English 11 I 122	I	256	12	21.3			1	8%	11	92%				
American Studies (English) I 123	I	23	1	23.0					1	100%				
English 9 II 101*	II	71	5	14.2	1	20%	4	80%						
English 10 II 112	II	54	4	13.5			4	100%						
English 11 II 124	II	34	2	17.0			1	50%	1	50%				
American Studies (English) II 125	II	16	1	16.0			1	100%						
The Short Story I 135, 134 H	I, H	60	3	20.0			1	33%	2	67%				
The Art and Technique of Film I 137, Honors 136	I, H	94	4	23.5					4	100%				
Asian American Literature I 139, Honors 138	I, H	21	1	21.0					1	100%				
Modern Drama I 141, Honors 140	I, H	22	1	22.0					1	100%				
College Prep English I 142, II 143	I, II	63	3	21.0			1	33%	2	67%				
Hiphop: Its Lit, Culture, and Music I 144, II 145	I, II	44	2	22.0					2	100%				
Other Voices I 146, 147 II	I, II	45	2	22.5					2	100%				
Contemporary Voices I 148, 149 II	I, II	58	3	19.3			1	33%	2	67%				
Journalism 1 165	#	23	1	23.0					1	100%				
Advanced Television Production 176	#	11	1	11.0			1	100%						
Television Production 173	#	16	1	16.0			1	100%						
Write On! 163	#	25	2	12.5	1	50%	1	50%						
~Newspaper Editing & Management 167	#	25	1	25.0							1	100%		
~Learning Center English 9 102^	#	11	1	11.0			1	100%						
~Learning Center English 10 114^	#	12	1	12.0			1	100%						
~English Review 198^	#	6	1	6.0	1	100%								
~Learning Center English 11 126, 12 149^	#	15	1	15.0			1	100%						
~Power English 10 113 (MCAS)^	#	54	8	6.8	8	100%								
~ELL English 1-2/Entering/Emerging I 181	I	4	1	4.0	1	100%								
~ELL English 3/Developing I 182	I	9	1	9.0	1	100%								
~ELL English 4/Expanding I 183	I	16	1	16.0			1	100%						
~ELL English 5/Bridging I 184	I	18	1	18.0			1	100%						
~ELL English Literacy- Reading II 179	II	5	1	5.0	1	100%								
~ELL English Literacy- Writing II 180	II	4	1	4.0	1	100%								
~ELL Power English 1 184	I	5	1	5.0	1	100%								
~ELL Power English 2 185	I	18	1	18.0			1	100%						
~Links English II 197^o	II	17	2	8.5	1	50%	1	50%						
~Pilot English 1 II 116^	II	5	1	5.0	1	100%								
~Pilot English 2 II 117^	II	3	1	3.0	1	100%								
~Pilot English 3 II 118^	II	8	1	8.0	1	100%								
~Pilot English 4 II 119^	II	6	1	6.0	1	100%								
~Pilot MCAS English 079^	#	5	1	5.0	1	100%								
~English Classroom Aide 196	#	2	1	2.0	1	100%								
TOTAL ENGLISH		2,158	123	17.5	23	19%	28	23%	71	58%	1	1%		
TOTAL ENGLISH MINUS SPECIAL EDUCATION, SPECIAL PROGRAM, ELL, MCAS, CLASSROOM AIDES & INDEPENDENT STUDY COURSES		1,910	94	20.3	2	2%	21	22%	71	76%	0	0%		

#Course not counted in weighted or unweighted grade point average

~Course not counted in average class size

* Includes sections co-taught with special education teacher

^ Taught by a special education teacher

**North High School Course Enrollment
2013-14
(Enrollment as of November 1, 2013)**

Course	Cur.	Total Enroll.	N Sec- tions	Avg. Class Size	Number of Classes									
					Below 11		11-19		20-24		25-30		Above 30	
					N	%	N	%	N	%	N	%	N	%
WORLD LANGUAGE DEPARTMENT														
Honors French 3 203	H	31	2	15.5			2	100%						
Honors French 4 204	H	28	1	28.0					1	100%				
AP French 205	H	23	1	23.0					1	100%				
French 1 I 211	I	19	1	19.0			1	100%						
French 2 I 212	I	91	4	22.8					4	100%				
French 3 I 213	I	65	3	21.7					3	100%				
French 4 I 214	I	23	1	23.0					1	100%				
French 2 II 222, French 3 II 223	II	15	1	15.0			1	100%						
Spanish 1 I 241	I	57	3	19.0			2	67%	1	33%				
Spanish 2 I 242	I	190	8	23.8					8	100%				
Spanish 3 I 243	I	128	5	25.6							5	100%		
Spanish 4 I 244	I	75	3	25.0					1	33%	2	67%		
Spanish 5 I 245	I	45	2	22.5					1	50%	1	50%		
Honors Spanish 3 246	H	46	2	23.0					2	100%				
Honors Spanish 4 247	H	38	2	19.0			1	50%	1	50%				
AP Spanish 5 248	H	20	1	20.0					1	100%				
Spanish 1 II 251	II	14	1	14.0			1	100%						
Spanish 2 II 2522	II	10	1	10.0	1	100%								
Spanish 2 II 252, Spanish 3 II 253	II	53	3	17.7			2	67%	1	33%				
Spanish 3 II 253	II	24	1	24.0					1	100%				
Spanish 3 II 253, Spanish 4 II 254	II	25	1	25.0							1	100%		
Spanish 4 II 254, Spanish 5 II 255	II	40	2	20.0			1	50%	1	50%				
Honors Italian 3 263	H	27	1	27.0							1	100%		
Honors Italian 4 264	H	22	1	22.0					1	100%				
AP Italian 5 265	H	22	1	22.0					1	100%				
Italian 1 I 271, Italian 1 II 276	I,II	21	1	21.0					1	100%				
Italian 2 I 272	I	75	4	18.8			2	50%	2	50%				
Italian 3 I 273	I	35	2	17.5			2	100%						
Italian 4 I 274	I	22	1	22.0					1	100%				
Italian 5 I 275	I	19	1	19.0			1	100%						
Italian 2 II 277	II	11	1	11.0			1	100%						
Italian 4 II 279, Italian 3 II 278, Italian 5 II 280	II	19	1	19.0			1	100%						
Latin I I 281, Continuing Latin I 286	I	20	1	20.0					1	100%				
Honors Latin 3 283	H	13	1	13.0			1	100%						
AP Latin 4 284	H	13	1	13.0			1	100%						
Chinese 1 I 291	I	14	1	14.0			1	100%						
Chinese 2 I 292	I	28	2	14.0			2	100%						
Chinese 3 I 297	I	11	1	11.0			1	100%						
Chinese 4 I 298	I	18	1	18.0			1	100%						
Honors Chinese 3 293	H	15	1	15.0			1	100%						
Honors Chinese 4 294	H	26	1	26.0							1	100%		
AP Chinese 5 295	H	18	1	18.0			1	100%						
~World Languages Classroom Aide 285	#	10	1	10.0	1	100%								
TOTAL WORLD LANGUAGE		1,519	75	20.3	2	3%	27	36%	34	45%	12	16%		
WORLD LANGUAGE MINUS														
WORLD LANGUAGE CLASSROOM AIDES		1,509	74	20.4	1	1%	27	36%	34	46%	12	16%		

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~Course not counted in average class size

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**North High School Course Enrollment
2013-14
(Enrollment as of November 1, 2013)**

Course	Cur.	Total Enroll.	N Sec-tions	Avg. Class Size	Number of Classes									
					Below 11		11-19		20-24		25-30		Above 30	
					N	%	N	%	N	%	N	%	N	%
<u>SCIENCE DEPARTMENT</u>														
Honors Chemistry 602	H	176	7	25.1					1	14%	6	86%		
Honors Physics 603	H	44	2	22.0					2	100%				
AP Biology 605	H	155	6	25.8					1	17%	5	83%		
AP Chemistry 606, Advanced Chemistry I 608	H,I	92	4	23.0					3	75%	1	25%		
AP Physics 607	H	44	2	22.0			1	50%			1	50%		
Biology I 611	I	246	10	24.6					6	60%	4	40%		
Chemistry I 612	I	257	10	25.7					1	10%	9	90%		
Introductory Physics 614	#	430	19	22.6					18	95%	1	5%		
Biology II 621	II	62	4	15.5			4	100%						
Active Chemistry II 622*	II	56	5	11.2	1	20%	4	80%						
Introductory Physics II 670*	II	69	5	13.8			5	100%						
Anatomy & Physiology I 630	I	106	4	26.5							4	100%		
Astronomy I 632	I	25	1	25.0							1	100%		
Oceanography I 635	I	42	2	21.0			1	50%	1	50%				
~Independent Study in Forensics	#	7	1	7.0	1	100%								
~ELL Intro Physics 644°	I	15	1	15.0			1	100%						
~ELL Power Physics 645	#	15	2	7.5	2	100%								
~ELL Literacy for Science 652	II	4	1	4.0	1	100%								
~Biology Concepts and Skills 662°	#	3	1	3.0	1	100%								
~Biology Portfolio Development 676°	#	1	1	1.0	1	100%								
~Introductory Physics Portfolio Development 673°	#	3	1	3.0	1	100%								
~Links Science II 600°	II	3	1	3.0	1	100%								
~Pilot Physics II 067°	II	6	1	6.0	1	100%								
~Pilot Biology II 068°	II	7	1	7.0	1	100%								
~Science Classroom Aide 668	#	33	1	33.0									1	100%
TOTAL SCIENCE		1,901	93	20.4	11	12%	16	17%	33	35%	32	34%	1	1%
TOTAL SCIENCE MINUS SPECIAL EDUCATION, SPECIAL PROGRAM ELL, MCAS, CLASSROOM AIDES & INDEPENDENT STUDY COURSES		1,804	81	22.3	1	1%	15	19%	33	41%	32	40%	0	0%

#Course not counted in weighted or unweighted grade point average

~Course not counted in average class size

* Co-taught with special education teacher

^ Taught by a special education teacher

° Taught by a regular education teacher

**North High School Course Enrollment
2013-14
(Enrollment as of November 1, 2013)**

Course	Cur.	Total Enroll.	N Sec-tions	Avg. Class Size	Number of Classes									
					Below 11		11-19		20-24		25-30		Above 30	
					N	%	N	%	N	%	N	%	N	%
<u>HISTORY & SOCIAL SCIENCE DEPARTMENT</u>														
World History 300-1815 I 411	I	397	17	23.4					12	71%	5	29%		
World History 300-1815 II 412*	II	63	4	15.8			4	100%						
Honors World History 1787-2000 420	H	134	5	26.8							5	100%		
World History 1787-2000 I 421	I	282	12	23.5					8	67%	4	33%		
World History 1787-2000 II 422	II	57	4	14.3			4	100%						
AP U.S. History 430	H	103	4	25.8					1	25%	3	75%		
American History I 431	I	222	9	24.7					3	33%	6	67%		
American Studies I (History) 439	I	23	1	23.0					1	100%				
American History II 432	II	40	3	13.3			3	100%						
American Studies II (History) 433	II	16	1	16.0			1	100%						
Honors Africa and the New World 446, I 447	H, I	18	1	18.0			1	100%						
Honors East Asia 444, I 445	H, I	27	1	27.0							1	100%		
AP European History 440	H	28	1	28.0							1	100%		
AP Comparative Government 456	H	30	1	30.0							1	100%		
AP Psychology 450	H	78	3	26.0							3	100%		
Introduction to Psychology I 451	I	55	2	27.5							2	100%		
Ethics in Modern World I 453	I	20	1	20.0					1	100%				
Economics I 455	I	51	2	25.5					1	50%	1	50%		
American History thru the Hollywood Lens I 448	I	18	1	18.0			1	100%						
Law and Society I 460	I	61	2	30.5							1	50%	1	50%
Contemporary Conflicts I 462	I	19	1	19.0			1	100%						
Close-up: Government 470	#	84	2	42.0									2	100%
~ELL Literacy for History and SS II 417	II	9	1	9.0	1	100%								
~ELL World Cultures 418	#	3	1	3.0	1	100%								
~ELL U.S. History 436°	I	25	1	25.0							1	100%		
~World History 300-1815 415^	#	12	1	12.0			1	100%						
~World History 1787-2000 425^	#	8	1	8.0	1	100%								
~American History 435^	#	9	1	9.0	1	100%								
~Links History & SS II 496°	II	10	1	10.0	1	100%								
~Pilot Modern World History II 058^	II	9	1	9.0	1	100%								
~Pilot US History II 059^	II	6	1	6.0	1	100%								
~Pilot Humanities 075^	#	7	1	7.0	1	100%								
~History/Social Sciences Classroom Aide 480	#	3	1	3.0	1	100%								
~Museum Internship 476	#	2	1	2.0	1	100%								
TOTAL HISTORY & SOCIAL SCIENCE		1,929	90	21.4	10	11%	16	18%	27	30%	34	38%	3	3%
TOTAL HISTORY & SS MINUS SPECIAL EDUCATION, SPECIAL PROGRAM, ELL, MCAS, CLASSROOM AIDES & INDEPENDENT STUDY COURSES		1,826	78	23.4	0	0%	15	19%	27	35%	33	42%	3	4%

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~Course not counted in average class size

* One section co-taught with special education teacher

^ Taught by a special education teacher

° Taught by a regular education teacher

**North High School Course Enrollment
2013-14
(Enrollment as of November 1, 2013)**

Course	Cur.	Total Enroll.	N Sec- tions	Avg. Class Size	Number of Classes									
					Below 11		11-19		20-24		25-30		Above 30	
					N	%	N	%	N	%	N	%	N	%
<u>MATHEMATICS DEPARTMENT</u>														
Honors Math 1 501	H	149	5	29.8							3	60%	2	40%
Honors Math 2 502	H	124	5	24.8					2	40%	3	60%		
Honors Math 3 503	H	108	4	27.0							4	100%		
AP Calculus 4 BC 504	H	58	2	29.0							2	100%		
AP Statistics 505	H	58	2	29.0							2	100%		
AP Calculus 4 AB 508	H	79	3	26.3							3	100%		
Math 1 I 511	I	159	6	26.5							6	100%		
Math 2 I 512	I	193	8	24.1					3	38%	5	63%		
Math 3 I 513	I	160	6	26.7							6	100%		
Introduction to Calculus 514	I	127	5	25.4						1	20%	4	80%	
Math 1 I 516	I	125	6	20.8			2	33%	4	67%				
Math 2 I 517	I	125	5	25.0					2	40%	3	60%		
Math 3 I 518	I	125	5	25.0					2	40%	3	60%		
Pre-Calculus 4 I 519	I	138	6	23.0					6	100%				
Math 1 II 541, Mathematics 9 571*	II,#	53	4	13.3	1	25%	3	75%						
Math 2 II 542, Mathematics 10 572*	II,#	42	3	14.0			3	100%						
Math 3 II 543, Mathematics 11 573*	II,#	40	3	13.3			3	100%						
Topics in Pre-Calculus II 544, Mathematics 12 574*	II,#	33	2	16.5			2	100%						
Math 1 (SIMMS) I 581	I	16	1	16.0			1	100%						
Math 2 (SIMMS) I 582	I	25	1	25.0							1	100%		
Math 3 (SIMMS) I 583	I	15	1	15.0			1	100%						
Math (SIMMS) Pre-Calculus 4 584	I	15	1	15.0			1	100%						
Honors Computers 550, Computers I 551	H,I	48	2	24.0					2	100%				
Business Math II 858	II	16	1	16.0			1	100%						
~ELL Math II 540 °	II	3	1	3.0	1	100%								
~Math Concepts and Skills 2 532°	#	56	6	9.3	5	83%	1	17%						
~Pilot Math 2 II 064^	II	4	1	4.0	1	100%								
~Pilot Math 3 II 065^	II	6	1	6.0	1	100%								
~Pilot Math 4 II 066^	II	6	1	6.0	1	100%								
~Links Math II 596°	II	8	1	8.0	1	100%								
~Math Classroom Aide 580	#	9	1	9.0	1	100%								
TOTAL MATHEMATICS		2,123	99	21.4	12	12%	18	18%	22	22%	45	45%	2	2%
TOTAL MATHEMATICS MINUS SPECIAL EDUCATION, SPECIAL PROGRAM, ELL, MCAS, CLASSROOM AIDES & INDEPENDENT STUDY COURSES		2,031	87	23.3	1	1%	17	20%	22	25%	45	52%	2	2%

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**North High School Course Enrollment
2013-14
(Enrollment as of November 1, 2013)**

Course	Cur.	Total Enroll.	N Sec-tions	Avg. Class Size	Number of Classes									
					Below 11		11-19		20-24		25-30		Above 30	
					N	%	N	%	N	%	N	%	N	%
<u>ART DEPARTMENT</u>														
Art Minor 1 701, 2 702, 3 703	#	71	3	23.7				1	33%	2	67%			
Ceramics Minor 1 705	#	97	4	24.3				2	50%	2	50%			
Ceramics Minor 2 706	#	36	2	18.0		1	50%	1	50%					
Ceramics Minor 3 707, Ceramics Minor 4 729	#	13	1	13.0		1	100%							
Art Major 1 708	I	28	1	28.0						1	100%			
Art Major 2 709	I	21	1	21.0				1	100%					
Art Major 3 710	I	18	1	18.0		1	100%							
Honors Art Major 4 711	H	16	1	16.0		1	100%							
Ceramics Major I 730	I	64	3	21.3		1	33%	1	33%	1	33%			
Photo Minor 1 715	#	69	4	17.3		4	100%							
Photo Minor 2 716, Photo Minor 3 717	#	20	1	20.0				1	100%					
Photo Major 1 718, Honors Photo Major 2 719, 3 720	H,I	30	2	15.0		2	100%							
AP History of Art 713, History of Art I 712	H,I	17	1	17.0		1	100%							
~Ceramics Classroom Aide 722	#	3	1	3.0	1	100%								
~Photo Independent Study 796	#	7	1	7.0	1	100%								
~Art Work Study 725	#	2	1	2.0	1	100%								
~Photo Work Study 799	#	1	1	1.0	1	100%								
TOTAL ART DEPARTMENT		513	29	17.7	4	14%	12	41%	7	24%	6	21%		
ART MINUS INDEPENDENT STUDY, CLASSROOM AIDE, AND WORK STUDY COURSES		500	25	20.0	0	0%	12	48%	7	28%	6	24%		

Course	Cur.	Total Enroll.	N Sec-tions	Avg. Class Size	Number of Classes									
					Below 11		11-19		20-24		25-30		Above 30	
					N	%	N	%	N	%	N	%	N	%
<u>MUSIC DEPARTMENT</u>														
Concert Choir I 801, 800	I	34	1	34.0								1	100%	
Honors Family Singers 802	H	32	1	32.0								1	100%	
Tiger BeBop I 803	I	18	1	18.0			1	100%						
Jubilee Singers I 804	I	41	1	41.0								1	100%	
Symphony Orchestra Strings I 805	I	28	1	28.0						1	100%			
Honors String Ensemble 806	H	9	1	9.0	1	100%								
Symphonic Band I 807, 808	I	35	1	35.0								1	100%	
Honors Wind Ensemble 809	H	48	1	48.0								1	100%	
Jazz Ensemble 811	#	46	2	23.0				2	100%					
Jazz Workshop I 831, Advanced Jazz Improv 832	I	14	1	14.0			1	100%						
Music Theory I 812	I	20	1	20.0					1	100%				
AP Music Theory 813	H	24	2	12.0			2	100%						
Music Technology 814	#	45	3	15.0			3	100%						
Film Scoring I 815	I	24	2	12.0			2	100%						
Pop Music in America 816	#	21	1	21.0					1	100%				
TOTAL MUSIC DEPARTMENT		439	20	22.0	1	5%	9	45%	4	20%	1	5%	5	25%

Course	Cur.	Total Enroll.	N Sec-tions	Avg. Class Size	Number of Classes									
					Below 11		11-19		20-24		25-30		Above 30	
					N	%	N	%	N	%	N	%	N	%
<u>THEATRE DEPARTMENT</u>														
Theatre Arts 1 820	#	26	1	26.0							1	100%		
Introduction to Technical Theatre 822	#	12	1	12.0			1	100%						
Stage Techniques 823	#	35	1	35.0								1	100%	
Intro to Costume Design 837	#	10	1	10.0	1	100%								
~Advanced Theatrical Directing/Practicum 826	#	4	1	4.0	1	100%								
~Stage Production Work Study 824	#	2	1	2.0	1	100%								
~Intro to Directing/Practicum 825	#	3	1	3.0	1	100%								
~Theatre Classroom Aide 827	#	1	1	1.0	1	100%								
~Theatre Arts Work Study 830	#	11	1	11.0			1	100%						
TOTAL THEATRE DEPARTMENT		104	9	11.6	5	56%	2	22%	0	0%	1	11%	1	11%
THEATRE DEPARTMENT MINUS INDEPENDENT AND WORK STUDY AND DIRECTING PRACTICUM		94	5	18.8	1	20%	1	20%	0	0%	1	20%	2	40%

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~Course not counted in average class size

**North High School Course Enrollment
2013-14
(Enrollment as of November 1, 2013)**

Course	Cur.	Total Enroll.	N Sec- tions	Avg. Class Size	Number of Classes									
					Below 11		11-19		20-24		25-30		Above 30	
					N	%	N	%	N	%	N	%	N	%
<u>CAREER & TECHNICAL EDUCATION</u>														
<u>DEPARTMENT</u>														
Automotive Technology Exploratory 880	#	19	2	9.5	1	50%	1	50%						
Automotive Technology Major 1 882, 2 883, 3 884**	I	27	3	9.0	3	100%								
Carpentry Technology Exploratory 887	#	24	2	12.0			2	100%						
Carpentry Technology Major 1 889, 2 890, 3 891	I	33	3	11.0	3	100%								
Child Development Exploratory 894	#	24	2	12.0	1	50%	1	50%						
Early Education & Care Major 1 895, 2 896, 3 897	I	18	3	6.0	3	100%								
Culinary Arts Exploratory 902	#	65	4	16.3			4	100%						
Culinary Arts Major 1 906, 2 906**, 3 907	I	62	6	10.3	6	100%								
Drafting Exploratory 911	#	31	2	15.5			2	100%						
Architectural Drafting Major 1 915, 2 916, 3 917	I	15	3	5.0	3	100%								
Engineering Drafting Major 1	I	6	1	6.0	1	100%								
Graphics Communication Exploratory 932	#	63	3	21.0			1	33%	2	67%				
Graphics Communication Major 1 934, 2 935, 3 936	I	72	4	18.0			4	100%						
Design and Visual Communications Exploratory 978	#	15	1	15.0			1	100%						
Advertising, Animation, and Web Major 1 I 979	I	15	1	15.0			1	100%						
Advanced Visual Design and Communication Major 2 I 981	I	9	1	9.0	1	100%								
Honors Visual Design and Communication Major 3 983	H	8	1	8.0	1	100%								
~Child Care Classroom Aide 898	#	3	1	3.0	1	100%								
~Automotive Technology Classroom Aide 886	#	1	1	1.0	1	100%								
~Culinary Arts Classroom Aide 909	#	6	1	6.0	1	100%								
~Visual Design Classroom Aide 989	#	1	1	1.0	1	100%								
~Graphic Arts Classroom Aide 937	#	5	1	5.0	1	100%								
~Carpentry Classroom Aide 893	#	1	1	1.0	1	100%								
~Graphic Arts Work Study 948	#	1	1	1.0	1	100%								
~Visual Design and Communication Independent Study 984	#	1	1	1.0	1	100%								
TOTAL CAREER & TECHNICAL EDUCATION		525	50	10.5	31	62%	17	34%	2	4%				
TOTAL CAREER & TECHNICAL EDUCATION MINUS AIDES, WORK AND INDEPENDENT STUDY COURSES		506	42	12.0	23	55%	17	40%	2	5%				

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

#Course not counted in weighted or unweighted grade point average

~Course not counted in average class size

Course	Cur.	Total Enroll.	N Sec- tions	Avg. Class Size	Number of Classes									
					Below 11		11-19		20-24		25-30		Above 30	
					N	%	N	%	N	%	N	%	N	%
<u>BUSINESS DEPARTMENT</u>														
Accounting 1 I 855, Accounting 2 I 856	I	27	1	27.0							1	100%		
Business Math II 858	II	16	1	16.0			1	100%						
Entrepreneurship 860	#	24	1	24.0					1	100%				
Financial Planning and Banking 861	#	20	1	20.0					1	100%				
Marketing and Management 863	#	24	1	24.0					1	100%				
Interactive Multimedia 864	#	17	1	17.0			1	100%						
Microsoft Office 2010 866	#	13	1	13.0			1	100%						
Money Matters: Intro to Personal Finance 867	#	45	2	22.5					2	100%				
Web Site Development 868	#	24	1	24.0					1	100%				
Word Processing 869, 868	#	23	1	23.0					1	100%				
~Computer Lab Assistant 877	#	1	1	1.0	1	100%								
~Independent Study in Accounting 1 and 2 878, 879	#	1	1	1.0	1	100%								
TOTAL BUSINESS		235	13	18.1	2	15%	3	23%	7	54%	1	8%		
TOTAL BUSINESS MINUS WORK STUDY, LAB ASSISTANTS, AND INDEPENDENT STUDY		233	11	21.2	0	0%	3	27%	7	64%	1	9%		

#Course not counted in weighted or unweighted grade point average

~Course not counted in average class size

**North High School Course Enrollment
2013-14
(Enrollment as of November 1, 2013)**

Course	Cur.	Total Enroll.	N Sec- tions	Avg. Class Size	Number of Classes									
					Below 11		11-19		20-24		25-30		Above 30	
					N	%	N	%	N	%	N	%	N	%
<u>TECHNOLOGY & ENGINEERING DEPARTMENT</u>														
Engineering Technology 636	#	39	2	19.5				2	100%					
Exploring Technology 1 963	#	19	1	19.0			1	100%						
Computer Repair and Support I 973, Honors 972	I, H	23	1	23.0				1	100%					
Engineering 1 I 959	I	55	3	18.3			2	67%	1	33%				
Honors Engineering 3 9611	H	40	2	20.0			1	50%	1	50%				
Fashioneering 1 9761	#	36	2	18.0			2	100%						
Robotics I 965	#	49	3	16.3			3	100%						
Xplore Greengineering 924, Greengineering 301 930	#	55	3	18.3			3	100%						
Greengineering 101 927	#	34	2	17.0			2	100%						
Greengineering 201 929	#	6	1	6.0	1	100%								
TOTAL TECHNOLOGY & ENGINEERING		356	20	17.8	1	5%	14	70%	5	25%	0	0%		

Course	Cur.	Total Enroll.	N Sec- tions	Avg. Class Size	Number of Classes									
					Below 11		11-19		20-24		25-30		Above 30	
					N	%	N	%	N	%	N	%	N	%
<u>PHYSICAL EDUCATION/WELLNESS DEPARTMENT</u>														
Freshman Core PE 001	#	258	10	25.8				4	40%	6	60%			
Sexuality & Health 09 002	#	237	11	21.5			2	18%	8	73%	1	9%		
Personal Fitness 003	#	45	2	22.5				2	100%					
Wellness Activities 005	#	121	5	24.2				2	40%	3	60%			
Personal & Group Awareness 006	#	64	3	21.3				3	100%					
Get Fit 007	#	47	2	23.5			1	50%			1	50%		
Intro to Rock Climbing 008	#	93	4	23.3			1	25%	1	25%	2	50%		
Lifeguard Training 017	#	12	1	12.0			1	100%						
Team Sports 1 022	#	80	3	26.7						3	100%			
Team Sports 2 023	#	31	1	31.0								1	100%	
World Games 024	#	52	2	26.0					1	50%		1	50%	
Lifetime Activities 025	#	34	2	17.0			1	50%	1	50%				
Dance in Action 030	#	29	1	29.0						1	100%			
Water Games 016	#	21	1	21.0				1	100%					
Prevention and Care of Athletic Injuries 031	#	27	1	27.0						1	100%			
Career Fitness 033	#	27	1	27.0						1	100%			
Child Studies in Physical Education 034	#	22	1	22.0				1	100%					
AM Swim 042	#	31	1	31.0								1	100%	
~Links Physical Education 027^	#	11	1	11.0	1	100%								
~Adaptive Physical Education 029^	#	8	2	4.0	2	100%								
~Pilot Physical Education 073^	#	23	1	23.0				1	100%					
TOTAL PHYSICAL EDUCATION/WELLNESS		1,273	56	22.7	3	5%	6	11%	25	45%	18	32%	4	7%
PHYS ED MINUS SPECIAL EDUCATION, SPECIAL PROGRAMS AND CLASSROOM AIDES		1,231	52	23.7	0	0%	6	12%	24	46%	18	35%	4	8%

^Taught by a special education teacher

#Course not counted in weighted or unweighted grade point average

~Course not counted in average class size

**North High School Course Enrollment
2013-14
(Enrollment as of November 1, 2013)**

Course	Cur.	Total Enroll.	N Sec- tions	Avg. Class Size	Number of Classes									
					Below 11		11-19		20-24		25-30		Above 30	
					N	%	N	%	N	%	N	%	N	%
<u>SPECIAL EDUCATION</u>														
Reading Support (2 Block) 107, 108	#	38	16	2.4	16	100%								
Academic Support (2 Blocks) 306-319	#	130	14	9.3	14	100%								
Academic Support (4 Blocks) 306-319	#	306	37	8.3	35	95%	2	5%						
Community Connections 301	#	19	2	9.5	1	50%	1	50%						
Communication and Organization Skills (1 Block) 326	#	74	56	1.3	56	100%								
Communication and Organization Skills (2 Blocks) 327	#	13	6	2.2	6	100%								
Social Pragmatics 324	#	21	6	3.5	6	100%								
Individualized Support 322	#	2	1	2.0	1	100%								
Support and Strategies 321	#	7	5	1.4	5	100%								
Community Living English 305	#	6	1	6.0	1	100%								
Community Living Math 859	#	16	1	16.0			1	100%						
Exploring Healthy Relationships 349	#	3	1	3.0	1	100%								
TOTAL SPECIAL EDUCATION		635	146	4.3	142	97%	4	3%						
<u>PILOT PROGRAM*</u>														
Pilot Modern World History II 058	II	13	1	13.0			1	100%						
Pilot US History II 059	II	6	1	6.0	1	100%								
Pilot Humanities 075	#	7	1	7.0	1	100%								
Pilot Math 2 II 064	II	4	1	4.0	1	100%								
Pilot Math 3 II 065	II	6	1	6.0	1	100%								
Pilot Math 4 II 066	II	6	1	6.0	1	100%								
Pilot Physics II 067	II	6	1	6.0	1	100%								
Pilot Biology II 068	II	7	1	7.0	1	100%								
Pilot English 1 II 116	#	5	1	5.0	1	100%								
Pilot English 2 II 117	#	3	1	3.0	1	100%								
Pilot English 3 II 118	#	8	1	8.0	1	100%								
Pilot English 4 II 119	#	6	1	6.0	1	100%								
Pilot Men's & Women's Group 054, 055	#	32	2	16.0					1	50%	1	50%		
Pilot Physical Education 073	#	23	1	23.0					1	100%				
Pilot Elective 076	#	19	1	19.0					1	100%				
Pilot Pragmatics 070	#	10	2	5.0	2	100%								
Pilot Individual Meeting 077	#	18	1	18.0					1	100%				
Pilot Independent Study 1271	#	4	1	4.0	1	100%								
TOTAL PILOT		183	20	9.2	14	70%	1	5%	4	20%	1	5%		
<u>LINKS PROGRAM*</u>														
Links Physical Education 027	#	11	1	11.0			1	100%						
Links Choices 337	#	17	3	5.7	3	100%								
Links Academic Strategies 339	#	17	1	17.0			1	100%						
Links Community Meeting 338	#	10	1	10.0	1	100%								
Links Individual Meeting 340	#	17	2	8.5	2	100%								
Links Junior/Senior Group 341	#	14	4	3.5	4	100%								
Links English II 197	II	17	2	8.5	2	100%								
Links US History II 496	II	10	1	10.0	1	100%								
Links Science II 600	II	3	1	3.0	1	100%								
Links Math II 596	II	8	1	8.0	1	100%								
Links Possible Selves 994	#	31	5	6.2	5	100%								
TOTAL LINKS		155	22	7.0	20	91%	2	9%	0	0%	0	0%		
TOTAL SPECIAL EDUCATION		973	188	5.2	176	94%	7	4%	4	2%	1	1%		
*No special education courses are included in the average class size														
<u>OTHER OFFERINGS</u>														
Library Aide	#	5	1	5.0	1	100%								
Guidance Aide 344	#	75	1	75.0									1	100%
Stress Management Workshop 342	#	6	2	3.0	2	100%								
Peer Mentor Program 345	#	18	1	18.0			1	100%						
College Planning and Transition 347	#	10	1	10.0	1	100%								
Big Brother/Big Sister	#	35	3	11.7			3	100%						
Leadership in a Diverse Society 401	#	53	1	53.0									1	100%
TOTAL OTHER OFFERINGS		202	10	20.2	4	40%	4	40%	0	0%	0	0%	2	20%

TABLE 21
South High School Course Enrollment
2013-14
(Enrollment as of November 1, 2013)

Course	Cur.	Total Enroll.	N Sec-tions	Avg. Class Size	Number of Classes				
					Below 11 N %	11-19 N %	20-24 N %	25-30 N %	Above 30 N %
ENGLISH DEPARTMENT									
Ninth Gr English 211, 2111	I	276	13	21.2		2 15%	11 85%		
Ninth Gr English 212, 2126*	II	28	2	14.0		2 100%			
Literature & World History 213, 2131 Gr 9	I	138	6	23.0			6 100%		
Sophomore English Honors 220	H	89	4	22.3			4 100%		
Sophomore English 221, 2215**	I	157	8	19.6		4 50%	4 50%		
Sophomore English 222*, 2226*	II	31	2	15.5		2 100%			
Modern World Literature 223 Gr 10	I	41	2	20.5			2 100%		
Mod Global Comm 2241, 2240, 2242 Gr10	I, H, II	86	4	21.5			4 100%		
Junior English Honors 230	H	84	4	21.0		1 25%	3 75%		
Junior English 231	I	209	10	20.9		2 20%	8 80%		
Junior English 232, 2321,2325,2326*	II, I	22	2	11.0		2 100%			
Mod Global Comm 2341, 2340, 2342 Gr11	I, H, II	88	4	22.0			4 100%		
Critical & Creative Writing 241	I	80	4	20.0		2 50%	2 50%		
Critical & Creative Writing 242	II	13	1	13.0		1 100%			
Shakespeare 2430, 243	H, I	42	2	21.0			2 100%		
Global Communities English Gr 12, 244, 2440, 2442	I, H, II	43	2	21.5			2 100%		
Horror & Science Fiction 245	I	45	2	22.5			2 100%		
AP English Literature 250	H	22	1	22.0			1 100%		
Our Voices, Our Eyes 251, 2512	I, II	45	2	22.5			1 50%	1 50%	
African Am Literature 2521, 2520, 2522	I, H, II	24	1	24.0			1 100%		
Film Studies 255, 2550	I, H	46	2	23.0			2 100%		
AP Language & Composition 260	H	49	2	24.5			1 50%	1 50%	
Intro Publications/Publ. in Practice 261, 263	I	34	2	17.0		2 100%			
Creative Writing Workshop 264	I	17	1	17.0		1 100%			
~Power English (MCAS)	#	31	4	7.8	4 100%				
~CORE English 2292, 2291** Gr 10	II, I	12	1	12.0		1 100%			
~CORE English 2391, 2392** Gr 11	I, II	12	1	12.0		1 100%			
~ELL English 1, 2 151	I	7	1	7.0	1 100%				
~ELL English 3 153	I	9	1	9.0	1 100%				
~ELL English 4 154	I	8	1	8.0	1 100%				
~ELL English 5 155	I	16	1	16.0		1 100%			
~ELL Power English 156	#	14	1	14.0		1 100%			
~Learning Program English 1 Gr 9 218^	#	10	1	10.0	1 100%				
~Learning Program English 2 Gr 10 228^	II	10	1	10.0	1 100%				
~Learning Program English 3, 4 Gr 11, 12 238^, 248^	II	10	1	10.0	1 100%				
~Connections Program Language	#	8	1	8.0	1 100%				
~Southside English 1201, 1202^	II	9	1	9.0	1 100%				
~Southside English 1232, 1231^, Gr 11	II	6	1	6.0	1 100%				
~Southside English 1204^, Gr 12	II	6	1	6.0	1 100%				
~Southside Power English 1206^	#	6	1	6.0	1 100%				
~Writing Center 295	#	2	1	2.0		1 100%			
~English Teach Assistants 298	#	2	1	2.0	1 100%				
~Peer Tutor - Writing 296	#	14	1	14.0		1 100%			
TOTAL ENGLISH		1,901	105	18.1	16 15%	27 26%	60 57%	2 2%	
ENGLISH WITHOUT ELL, CORE PROGRAM, SPECIAL EDUCATION, MCAS POWER ENGLISH, TUTORS, ASSISTANTS OR IND STUDY		1,709	83	20.6		21 25%	60 72%	2 2%	

*Co-taught with a special education teacher

**Supported by a special education aide

^Taught by a special education teacher

#Course not counted in weighted or unweighted grade point average

~Course not counted in average class size

**South High School Course Enrollment
2013-14
(Enrollment as of November 1, 2013)**

Course	Cur.	Total Enroll.	N Sec- tions	Avg. Class Size	Number of Classes				
					Below 11 N %	11-19 N %	20-24 N %	25-30 N %	Above 30 N %
<u>WORLD LANGUAGE DEPARTMENT</u>									
French 3 303	H	34	2	17.0		2 100%			
French 4 304	H	39	2	19.5		1 50%	1 50%		
AP French 5 305	H	14	1	14.0		1 100%			
French 1 311	I	23	1	23.0			1 100%		
French 2 312, 3121	I	88	4	22.0			4 100%		
French 3 313, 3131	I	44	2	22.0		2 100%			
French 4 314, 3141	I	20	1	20.0		1 100%			
French 5 315	I	15	1	15.0		1 100%			
Am Sign Language 1, 331	I	37	2	18.5		1 50%	1 50%		
Am Sign Language 2, 3, Continuing 332, 333, 334	I	11	1	11.0		1 100%			
Chinese 2 342	I	38	2	19.0		1 50%	1 50%		
Chinese 3 H 3430, 343	H, I	45	2	22.5		1 50%		1 50%	
Chinese 4 344	I	17	1	17.0		1 100%			
Chinese 4 H 3440	H	22	1	22.0			1 100%		
Chinese 5 H , Continuing 3450, 345, 347	H, I	37	2	18.5		1 50%	1 50%		
Latin 2 352	I	36	2	18.0		1 50%	1 50%		
Latin 3 H 3530, 353	H, I	23	1	23.0			1 100%		
Latin 4, 5 H 3540, 3550, 354	H, I	19	1	19.0		1 100%			
Russian 2 362	I	14	1	14.0		1 100%			
Russian 3 363, Beginning Russian 360 (AP Prototype) Russian 5, 369,	I	20	1	20.0			1 100%		
Spanish 3 H 373	H	15	1	15.0		1 100%			
Spanish 4 H 374	H	107	5	21.4			5 100%		
AP Spanish 5 375	H	89	4	22.3			4 100%		
Spanish 1 381, 391	I, II	55	2	27.5				2 100%	
Spanish 2 382, 3821	I	52	2	26.0				2 100%	
Spanish 3 383, 3831	I	252	11	22.9		1 9%	8 73%	2 18%	
Spanish 4 384	I	123	6	20.5		2 33%	4 67%		
Spanish 5 385	I	129	5	25.8			1 20%	4 80%	
Spanish 2 392	I	61	3	20.3		1 33%	2 67%		
Spanish 3 393	II	12	1	12.0		1 100%			
Spanish 4, 5 394, 395	II	14	1	14.0		1 100%			
~World Language Peer Tutor 397	#	13	1	13.0		1 100%			
~World Language Assistants 398	#	4	1	4.0	1 100%				
~Ind Study World Language 399	#	18	1	18.0		1 100%			
TOTAL WORLD LANGUAGE		1,543	76	20.3	2 3%	26 34%	37 49%	11 14%	
WORLD LANGUAGE WITHOUT PEER TUTORS, ASSISTANTS, OR INDEPENDENT STUDY		1,518	73	20.8		25 34%	37 51%	11 15%	

#Course not counted in weighted or unweighted grade point average

~Course not counted in average class size

**South High School Course Enrollment
2013-14
(Enrollment as of November 1, 2013)**

Course	Cur.	Total Enroll.	N Sec- tions	Avg. Class Size	Number of Classes				
					Below 11 N %	11-19 N %	20-24 N %	25-30 N %	Above 30 N %
<u>SCIENCE DEPARTMENT</u>									
Honors Chemistry 820	H	110	5	22.0		1 20%	3 60%	1 20%	
Honors Biology 830	H	127	5	25.4			1 20%	4 80%	
AP Chemistry 840	H	38	2	19.0		1 50%	1 50%		
AP Biology 850	H	49	3	16.3		3 100%			
AP Physics 870	H	70	3	23.3			1 33%	2 67%	
AP Physics C Mech, Elec, Mag 880	H	24	1	24.0			1 100%		
Neurobiology H 860, 8601	H, I	27	1	27.0				1 100%	
Physics 811 9th Gr	I	382	15	25.5			3 20%	12 80%	
Physics II 812, 8126* 9th Gr	II	36	2	18.0		2 100%			
Physics & Engineering 813 9th Gr	I	44	2	22.0			2 100%		
Chemistry I 821, 8215** Gr 10	I	266	12	22.2			11 92%	1 8%	
Chemistry II 822, 8226*	II	58	4	14.5	1 25%	3 75%			
Biology I 831, 8315** Gr 11	I	231	10	23.1			8 80%	2 20%	
Biology II 832, 8326*	II	23	2	11.5		2 100%			
Senior Physics 841	I	52	2	26.0			1 50%	1 50%	
Conservation & Environm. Science 8550, 855	H, I	52	2	26.0				2 100%	
Astronomy & Earth Science 851, 852	I, II	82	3	27.3				3 100%	
Cooking is Chemistry 8570, 8571, 8572	H, I, II	36	2	18.0		2 100%			
Marine Biology 861	I	25	1	25.0				1 100%	
Mod Global-Marine Biology 8620, 8621, 8622	H, I, II	44	2	22.0			2 100%		
Anatomy & Physiology 881	I	48	2	24.0			1 50%	1 50%	
~Intro Physics II 814, 8124*	II	10	1	10.0	1 100%				
~ Biology II 834*	II	12	1	12.0		1 100%			
~Science Lab Assistant 897, 8974	#	4	1	4.0	1 100%				
~Science Teach Assistant 8982, 8984	#	33	2	16.5		2 100%			
~Ind Study Science 899	#	2	1	2.0	1 100%				
TOTAL SCIENCE		1,885	87	21.7	4 5%	17 20%	35 40%	31 36%	
SCIENCE WITHOUT ASSISTANTS, IND STUDY OR SPECIAL EDUCATION		1,824	81	22.5	1 1%	14 17%	35 43%	31 38%	

*Co-taught with a special education teacher

**Supported by a special education aide

^Taught by a special education teacher

#Course not counted in weighted or unweighted grade point average

~Course not counted in average class size

**South High School Course Enrollment
2013-14
(Enrollment as of November 1, 2013)**

Course	Cur.	Total Enroll.	N Sec- tions	Avg. Class Size	Number of Classes					
					Below 11 N %	11-19 N %	20-24 N %	25-30 N %	Above 30 N %	
<u>HISTORY & SOCIAL SCIENCE DEPARTMENT</u>										
World History 411, 4111 SAM, Gr 9	I	272	11	24.7			4 36%	7 64%		
World History 412, 4126*, Gr 9	II	29	2	14.5		2 100%				
World History & Lit 413, 4131 SAM, Gr 9	I	138	6	23.0			6 100%			
World/Am History 420, Gr 10	H	102	4	25.5				4 100%		
World/Am History 421	I	147	6	24.5			3 50%	3 50%		
World/Am History 422, 4226*	II	30	2	15.0		2 100%				
Modern World History 423	I	41	2	20.5			2 100%			
Mod Global Comm 4241, 4240, 4242 Gr 10	I, H, II	86	4	21.5			4 100%			
AP United States History 430	H	129	5	25.8			2 40%	3 60%		
United States History 431	I	168	7	24.0			4 57%	3 43%		
United States History 432, 4326*	II	26	2	13.0		2 100%				
Mod Global Comm 4340, 4341, 4342 Gr 11	H, I, II	88	4	22.0			4 100%			
AP European History 440	H	11	1	11.0		1 100%				
Contemporary World 441, 4410	I, H	26	1	26.0				1 100%		
Race, Class and Gender 4420, 4421	H, I	23	1	23.0			1 100%			
Ethics in Modern World 4430, 443	H, I	49	2	24.5			1 50%	1 50%		
Sustaining Global Comm 4440, 4441, 4442 Gr 12	H, I, II	35	2	17.5		2 100%				
AP U.S. Government & Pol 450	H	42	2	21.0		1 50%	1 50%			
AP Comparative Gov't 460, 4601	H, I	51	2	25.5			1 50%	1 50%		
AP Psychology 470	H	85	3	28.3				3 100%		
Psychology 471, 4712	I, II	106	4	26.5			1 25%	3 75%		
~CORE World/ Am History 4292, 4291*	II, I	12	1	12.0		1 100%				
~CORE U.S. History 4392, 4391*	II, I	11	1	11.0		1 100%				
~ELL World History to 1775, 161	I	10	1	10.0	1 100%					
~ELL U.S. History 162	I	25	2	12.5	1 50%	1 50%				
~Learning Program World History 1 418^	II	8	1	8.0	1 100%					
~Learning Program World History 2 428^	II	9	1	9.0	1 100%					
~Learning Program U.S. History 438^	II	5	1	5.0	1 100%					
~Southside World History 2 1402^	II	9	1	9.0	1 100%					
~Southside U.S. History 1432, 1431^	II, I	5	1	5.0	1 100%					
~History Teach Assistants 498	#	18	2	9.0	2 100%					
~Ind Study History & SS 499	#	2	1	2.0	1 100%					
TOTAL HISTORY & SOCIAL SCIENCE		1,798	86	20.9	10 12%	13 15%	34 40%	29 34%		
HISTORY WITHOUT ELL, NETWORK, OR SPECIAL EDUCATION		1,684	73	23.1		10 14%	34 47%	29 40%		

*Co-taught with a special education teacher

**Supported by a special education aide

^Taught by a special education teacher

#Course not counted in weighted or unweighted grade point average

~Course not counted in average class size

**South High School Course Enrollment
2013-14
(Enrollment as of November 1, 2013)**

Course	Cur.	Total Enroll.	N Sec- tions	Avg. Class Size	Number of Classes					
					Below 11 N %	11-19 N %	20-24 N %	25-30 N %	Above 30 N %	
<u>MATHEMATICS DEPARTMENT</u>										
Math 1 Honors 601, 9th Gr+	H	181	7	25.9			1 14%	6 86%		
Math 2 Honors 602	H	119	4	29.8				4 100%		
Math 3 Honors 603	H	112	4	28.0				4 100%		
AP Calculus BC 604	H	81	3	27.0				3 100%		
AP Statistics 605	H	76	3	25.3			1 33%	2 67%		
AP Calculus AB 608	H	52	2	26.0				2 100%		
Math 1 Adv 611, 9th Gr	I	133	6	22.2		1 17%	5 83%			
Math 2 Adv 612	I	107	4	26.8				4 100%		
Math 3 Adv 613	I	143	5	28.6				5 100%		
Precalculus Adv 614	I	84	3	28.0				3 100%		
Precalculus & Stat 616	I	25	1	25.0				1 100%		
Applied Precalc & Calculus 618	I	27	1	27.0				1 100%		
Math 1 SIMMS 681	I	38	2	19.0		1 50%	1 50%			
Math 3 SIMMS 683	I	16	1	16.0		1 100%				
Precalculus SIMMS 684	I	20	1	20.0			1 100%			
Math 1 621, 9th Gr	I	98	4	24.5			3 75%	1 25%		
Math 2 622	I	134	6	22.3			5 83%	1 17%		
Math 3 623	I	107	5	21.4		1 20%	3 60%	1 20%		
Math 4 - Precalculus 624	I	82	3	27.3				3 100%		
Algebra 1, 620, Foundations Math 630*	II	30	2	15.0		2 100%				
Math 1 II 631	II	32	2	16.0		2 100%				
Math 2 II 632	II	44	3	14.7		3 100%				
Math 3 II 633	II	36	3	12.0	1 33%	2 67%				
Math 4 II 634, 624	II, I	18	1	18.0		1 100%				
Intro Java Programming 650	H	43	2	21.5			2 100%			
Advanced Java Programming 656	H	18	1	18.0		1 100%				
~Mathematics for English Lang Learners 164	II	5	1	5.0	1 100%					
~Connections Mathematics 1 641	II	5	1	5.0	1 100%					
~Connections Prog Math 983^	#	7	1	7.0	1 100%					
~Math Concepts 661 (MCAS)	#	37	6	6.2	6 100%					
~Computer Prog Teach Assistant 659	#	1	1	1.0	1 100%					
~Math Peer Tutor 697	#	7	1	7.0	1 100%					
~Math Teach Assistant 698	#	13	2	6.5	2 100%					
TOTAL MATHEMATICS		1,931	92	21.0	14 15%	15 16%	22 24%	41 45%		
MATHEMATICS WITHOUT MCAS SUPPORT, ELL, ASSISTANTS, PEER TUTORS, IND STUDY, OR SPECIAL EDUCATION		1,856	79	23.5	1 1%	15 19%	22 28%	41 52%		

*Cotaught with a special education teacher

**Supported by a special education aide

^Taught by a special education teacher

#Course not counted in weighted or unweighted grade point average

+Includes 14 students from middle schools

~Course not counted in average class size

**South High School Course Enrollment
2013-14
(Enrollment as of November 1, 2013)**

Course	Cur.	Total Enroll.	N Sec- tions	Avg. Class Size	Number of Classes					
					Below 11 N %	11-19 N %	20-24 N %	25-30 N %	Above 30 N %	
ART DEPARTMENT										
Intro Art & Design 021	I	55	3	18.3		1 33%	2 67%			
Media and Method 022	I	16	1	16.0		1 100%				
Art Portfolio Minor 024	I	22	1	22.0			1 100%			
H Advanced Art 025	H	20	1	20.0			1 100%			
AP Studio Art Drawing 026	H	17	1	17.0		1 100%				
Mixed Media 1 041	I	139	6	23.2		1 17%	3 50%	2 33%		
Mixed Media 2 042	I	14	1	14.0		1 100%				
Jewelry Making 044	I	11	1	11.0		1 100%				
Intro Glass Technique 055	I	38	2	19.0		1 50%	1 50%			
Advanced Glass 056	I	17	1	18.5		1 100%				
Ceramics 1 061	I	151	7	21.6		2 29%	5 71%			
Ceramics 2, 3, 4 062, 063, 064	I	54	3	18.0		2 67%	1 33%			
Wheel Throwing 066	I	13	1	13.0		1 100%				
Photography Minor 1 081	I	94	5	18.8		3 60%	2 40%			
Photography 2 Analog 082A	I	32	2	16.0		2 100%				
Advanced Photo 083, Senior Project 084	I, #	34	3	11.3	1 33%	2 67%				
Web Page Design 090	I	34	2	17.0		2 100%				
Game Design Studio I 092	I	34	2	17.0		2 100%				
3-D Comp Imaging 093	I	15	1	15.0		1 100%				
3-D Computer Animation 094, 096	I	15	1	15.0		1 100%				
Computer Special Effects 095	I	19	1	19.0		1 100%				
Video in Digital Age/Projects 097D, 097P	I	19	1	19.0		1 100%				
Media Studio Min 098	I	18	1	18.0		1 100%				
~Mixed Media Assistant 058	#	7	1	7.0	1 100%					
~Ceramics Assistant 068	#	8	1	8.0	1 100%					
~Media Assistant 099	#	12	2	6.0	2 100%					
~Work Study Ceramics 067	#	2	1	2.0	1 100%					
~Work Study Photo 087	#	3	1	3.0	1 100%					
~Independent Study 2-D Art 029	#	2	1	2.0	1 100%					
~Independent Study Glass 059	#	4	1	4.0	1 100%					
~Independent Study Ceramics 069	#	6	1	6.0	1 100%					
~Independent Study Photo 089	#	2	1	2.0	1 100%					
TOTAL ART DEPARTMENT		927	58	16.0	11 19%	29 50%	16 28%	2 3%		
ART WITHOUT INDEPENDENT STUDY, WORK STUDY, OR ASSISTANTS		881	48	18.4	1 2%	29 60%	16 33%	2 4%		
MUSIC DEPARTMENT										
Theory of Music 701	H	20	2	10.0	1 50%	1 50%				
Music Tech/Comp 711	I	34	2	17.0		2 100%				
Concert Band 721	I	19	1	19.0		1 100%				
Symphonic Band 7220, 722	H, I	63	1	63.0					1 100%	
String Orchestra 7240, 724	H, I	31	1	31.0					1 100%	
Sonata Duo 727	I	4	1	4.0	1 100%					
H Select Wind Ensemble 730	H	20	1	20.0			1 100%			
Jazz Improv 3, 2 732, 731	I	13	2	6.5	2 100%					
Honors Jazz Combo 733	H	7	1	7.0	1 100%					
Lab Jazz Ensemble, 736	I	18	1	18.0		1 100%				
Honors Jazz Ensemble 737	H	15	1	15.0		1 100%				
Vocal Ensemble 743	I	27	1	27.0				1 100%		
Harambee Gospel Choir 744	I	29	1	29.0				1 100%		
Newton South Chorale 746, 745	H, I	27	1	27.0				1 100%		
Madrigals 748, 747	H, I	37	1	37.0					1 100%	
Music Teach Assist 758	#	1	1	1.0	1 100%					
MUSIC DEPARTMENT WITHOUT TEACH ASSISTANT		364	18	20.2	5 28%	6 33%	1 6%	3 17%	3 17%	

#Course not counted in weighted or unweighted grade point average

~Course not counted in average class size

**South High School Course Enrollment
2013-14
(Enrollment as of November 1, 2013)**

Course	Cur.	Total Enroll.	N Sec-tions	Avg. Class Size	Number of Classes					
					Below 11 N %	11-19 N %	20-24 N %	25-30 N %	Above 30 N %	
<u>THEATRE DEPARTMENT</u>										
Intro Acting & Speech 271	I	57	3	19.0		1 33%	2 67%			
Actors Workshop 2720, 2721	H, I	25	1	25.0				1 100%		
Acting & Directing 2730, 2731	H, I	19	1	19.0		1 100%				
Performance Workshop 2740, 2741	H, I	14	1	14.0		1 100%				
Technical Theatre 279	I	13	1	13.0		1 100%				
Speech and Debate 2770, 2771	H, I	40	2	20.0		1 50%	1 50%			
~ Speech & Drama for ELL 270	#	14	1	14.0		1 100%				
~Work Study Theatre Arts 278	#	2	1	2.0	1 100%					
TOTAL THEATRE		184	11	16.7	1 9%	6 55%	3 27%	1 9%		
THEATRE WITHOUT WORK STUDY OR ELL		168	9	18.7		5 56%	3 33%	1 11%		
<u>BUSINESS DEPARTMENT</u>										
Intro to Business 109	I	41	2	20.5			2 100%			
Entrepreneurship 113	I	25	1	25.0				1 100%		
Personal Finance 115	I	50	2	25.0			1 50%	1 50%		
Stock Market Analysis 117	I	44	2	22.0			2 100%			
Principles of Economics 121	I	22	1	22.0			1 100%			
Business Teach Assistant 128	#	3	1	1.0	1 100%					
TOTAL BUSINESS		185	9	20.6						
BUSINESS WITHOUT TEACH ASSIST.		182	8	22.8			6 75%	2 25%		
<u>FAMILY & CONSUMER SCIENCE</u>										
Healthy Cooking, Eating 501	I	41	2	20.5		1 50%	1 50%			
International Cuisine AAAE 503	I	169	8	21.1		1 13%	7 88%			
Sports Nutrition 509	I	98	5	19.6		1 20%	4 80%			
Culinary Arts Exploratory 510	I	18	1	18.0		1 100%				
Cooking is Chemistry 8570, 8571, 8572	I	36	2	18.0		2 100%				
Fashion and Clothing 1, 2, 3 511, 512, 513	I	16	1	16.0		1 100%				
Child Growth & Develop 521	I	26	1	26.0				1 100%		
Career Expl & Dev 524	I	20	1	20.0			1 100%			
Early Childhood Ed 532, 533, 534	I	51	4	12.8		4 100%				
Early Child Adv Study 536, 538, 539	I	34	1	34.0					1 100%	
~Early Childhood Work Experience 537	#	3	1	3.0	1 100%					
~Teach Assist Int'l Cuisine 506	#	2	1	2.0	1 100%					
~Ind Study Fashion & Cloth 519	#	1	1	1.0	1 100%					
TOTAL FAMILY & CONSUMER SCIENCE		515	29	17.8	3 0%	11 38%	13 45%	1 3%	1 3%	
F & CS WITHOUT ASSIST, EXP, AND IND STUDY		509	26	19.6	0%	11 42%	13 50%	1 4%	1 4%	
<u>TECHNICAL EDUCATION</u>										
Intro to Architecture 549	I	20	1	20.0			1 100%			
Engineering 5621, 5622	I, II	20	1	20.0			1 100%			
Graphic Design 1, 2 570, 572	I	39	2	19.5		1 50%	1 50%			
Intro Woodwork 580	I	17	1	17.0		1 100%				
Physics & Engineering 813	I	44	2	22.0			2 100%			
~Ind Study Architecture 5991	#	1	1	1.0	1 100%					
~Ind Study Tech Ed 599	#	1	1	1.0	1 100%					
TOTAL TECHNICAL EDUCATION		142	9	15.8	2 22%	2 22%	5 56%			
TECHNICAL EDUCATION WITHOUT IND STUDY		140	7	20.0		2 29%	5 71%			
<u>WELLNESS DEPARTMENT</u>										
Freshman Wellness 771	#	228	9	25.3			3 33%	6 67%		
Freshman Health & Sexuality 772	#	228	9	25.3		1 11%	2 22%	6 67%		
Sophomore Wellness 773	#	241	9	26.8			2 22%	5 56%	2 22%	
Personal Fitness 782	#	114	5	22.8			4 80%	1 20%		
Lifetime Pursuits 783	#	53	2	26.5				2 100%		
Centered Self 785	#	96	4	24.0			2 50%	2 50%		
Yoga Pilates 787	#	92	4	23.0		1 25%	2 50%	1 25%		
~Leadership Teach Ass't 795	#	49	2	24.5			2 100%			
~Compass Prog Wellness 760^	#	4	1	4.0	1 100%					
~Southside Wellness 1701**	#	14	1	14.0		1 100%				
~Inclusion Prog Wellness Ass't 798 ^	#	13	2	6.5	2 100%					
TOTAL WELLNESS		1,132	48	23.6	3 6%	3 6%	17 35%	23 48%	2 4%	
WELLNESS WITHOUT SPECIAL PROGRAMS OR PROGRAMS OR TEACH ASSISTANTS		1,052	42	25.0		2 5%	15 36%	23 55%	2 5%	

^Taught by a special education teacher

#Course not counted in weighted or unweighted grade point average

~Course not counted in average class size

**South High School Course Enrollment
2013-14
(Enrollment as of November 1, 2013)**

Course	Cur.	Total Enroll.	N Sec- tions	Avg. Class Size	Number of Classes									
					Below 11 N %	11-19 N %	20-24 N %	25-30 N %	Above 30 N %					
<u>SPECIAL EDUCATION CLASSES</u>														
<u>ACADEMIC SUPPORT</u>														
Academic Support 9 4x week 924, 922	#	41	6	6.8	6	100%								
Academic Support 10 4x week 934, 932	#	49	8	6.1	8	100%								
Academic Support 11/12 4x week 944, 942	#	70	11	6.4	11	100%								
TOTAL Academic Support		160	25	6.4	25	100%								
<u>LEARNING PROGRAM*</u>														
Learning Program English 1 Gr 9 218	#	10	1	10.0	1	100%								
Learning Program English 2 Gr 10 228	II	10	1	10.0	1	100%								
Learning Program English 3, 4 Gr 11, 12 238, 248	II	10	1	10.0	1	100%								
Learning Program World History 1 418	II	8	1	8.0	1	100%								
Learning Program World History 2 428	II	9	1	9.0	1	100%								
Learning Program U.S. History 438	II	5	1	5.0	1	100%								
L.P. Structured Study 971	#	22	4	5.5	4	100%								
TOTAL Learning Program		74	10	6.7	10	100%								
<u>SOUTHSIDE PROGRAM*</u>														
Southside English 1201, 1202	II	9	1	9.0	1	100%								
Southside English 1232, 1231	II	6	1	6.0	1	100%								
Southside English 1204	II	6	1	6.0	1	100%								
Southside World History 2 1402	II	9	1	9.0	1	100%								
Southside U.S. History 1432, 1431	II	5	1	5.0	1	100%								
Southside Affective Ed 1500	#	20	1	20.0			1	100%						
Southside Academic Support 1504, 1505, 1506	#	20	6	3.3	6	100%								
Southside Power English 1206	#	6	1	6.0	1	100%								
Southside Ind Study Biology 1809	#	1	1	1.0	1	100%								
Southside Work Study 1508	#	2	1	2.0	1	100%								
Southside Wellness 1701	#	14	1	14.0			1	100%						
TOTAL Southside Program		98	16	6.1	14	88%	1	6%	1	6%				
<u>COMPASS PROGRAM</u>														
COMPASS Structured Study 968, 967	#	21	5	4.2	5	100%								
COMPASS Wellness 760	#	4	1	4.0	1	100%								
TOTAL Compass Programs		25	6	4.2	6	100%								
<u>OTHER</u>														
Reading Strategies 290, 2901, 2904	#	20	8	2.5	8	100%								
Communication Skills 945, 946	#	46	23	2.0	23	100%								
TOTAL OTHER Programs		66	31	2.1	31	100%								
TOTAL SPECIAL EDUCATION		423	88	4.8	86	98%	1	1%	1	1%	0	0%	0	0%

**South High School Course Enrollment
2013-14
(Enrollment as of November 1, 2013)**

Course	Cur.	Total Enroll.	N Sec- tions	Avg. Class Size	Number of Classes				
					Below 11 N %	11-19 N %	20-24 N %	25-30 N %	Above 30 N %
<u>ELL</u>									
ELL English 1, 2 151	I	7	1	7.0	1	100%			
ELL English 3 153	I	9	1	9.0	1	100%			
ELL English 4 154	I	8	1	8.0	1	100%			
ELL English 5 155	I	16	1	16.0			1	100%	
ELL Power English 156	#	14	1	14.0			1	100%	
ELL World History 161	I	10	1	10.0	1	100%			
ELL U.S. History 162	I	25	2	12.5	1	50%	1	50%	
ELL Academic Support 165	#	72	7	10.3	5	71%	2	29%	
ELL Mathematics 170	II	5	1	5.0	1	100%			
Speech & Drama for ELL 270	#	14	1	14.0			1	100%	
TOTAL ELL		180	17	10.6	11	65%	6	35%	
<u>CORE PROGRAM</u>									
CORE English 2292, 2291 Gr 10	II, I	12	1	12.0			1	100%	
CORE English 2391, 2392 Gr 11	I, II	12	1	12.0			1	100%	
CORE World/ Am History 4292, 4291 Gr 10	II, I	12	1	12.0			1	100%	
CORE U.S. History 4392, 4391 Gr 11	I, II	11	1	11.0			1	100%	
CORE Academic Study 973	#	23	2	11.5	2	100%			
TOTAL CORE Program		70	6	11.7	2	33%	4	67%	
<u>OTHER OFFERINGS</u>									
Advisory Leader 902	#	28	1	28.0					1 100%
Leadership & Diversity 903	#	14	1	14.0			1	100%	
One to One 904	#	28	4	7.0	3	75%	1	25%	
METCO Advisory 906	#	14	4	3.5	4	100%			
Instruct Tech Assistant 908	#	6	1	6.0	1	100%			
Connections Program Aide 911	#	2	1	2.0	1	100%			
Office Assistant 915	#	3	1	3.0	1	100%			
Bilingual Peer Ed 917	#	3	1	3.0	1	100%			
Library Service 919	#	2	1	2.0	1	100%			

#Course not counted in weighted or unweighted grade point average

TABLE 22
DEPARTMENTAL ENROLLMENTS*
2004-2013

Newton North High School

Department	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
English	2,467	2,354	2,346	2,137	2,072	2,008	2,058	2,041	2,127	2,158
World Languages	1,742	1,648	1,578	1,480	1,392	1,382	1,444	1,400	1,465	1,519
Science	1,767	1,662	1,696	1,748	1,729	1,701	1,789	1,791	1,820	1,901
History & Social Science	2,346	2,265	2,009	1,898	1,829	1,872	1,916	1,870	1,939	1,929
Mathematics	2,190	2,093	1,959	1,961	1,813	1,833	1,889	1,938	2,015	2,123
Art	463	440	389	420	389	435	467	435	468	513
Music	408	388	333	313	277	356	396	423	413	439
Theatre [^]							61	66	64	104
Business	301	251	249	223	189	224	224	189	233	235
Career & Tech Ed	630	592	759	557	549	498	767	572	536	525
Technology/Engineering						113	150	157	252	356
Physical Education	2093	1976	1898	1851	1778	945	1,067	1,152	1,247	1,273
Total All Departments**	14,407	13,669	13,216	12,588	12,017	11,367	12,228	12,034	12,579	13,075
Total Enrollment as of November 1, 2012 ^^	2,136	2,060	1,970	1,917	1,822	1,809	1,868	1,885	1,954	2,015
N Courses taken per Student**	6.7	6.6	6.7	6.6	6.6	6.3	6.5	6.4	6.4	6.5

*Total of all students enrolled in a department course

**Does not include departments of English Language Learners (ELL) and special education

[^]2009 is the first year that Theatre is separated from English Department.

^{^^}Does not include students cross-registered from Newton South

**TABLE 23
DEPARTMENTAL ENROLLMENTS*
2004-2013**

Newton South High School

Department	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
English	1,695	1,873	1,953	2,008	1,929	1,787	1,818	1,778	1,789	1,901
World Languages	1,400	1,578	1,669	1,603	1,573	1,551	1,525	1,487	1,494	1,543
Science	1,459	1,550	1,630	1,708	1,740	1,765	1,763	1,737	1,805	1,885
History & Social Science	1,516	1,694	1,751	1,777	1,756	1,714	1,695	1,681	1,734	1,798
Mathematics	1,599	1,742	1,818	1,870	1,820	1,771	1,785	1,754	1,832	1,931
Art ^{^^}	674	752	832	778	792	776	960	896	931	927
Music	406	440	413	444	458	407	480	405	403	364
Business	100	197	194	216	242	129	141	165	190	182
Technical Education	253	274	253	232	234	208	248	132	155	142
Theatre [^]						118	90	115	126	184
Family & Consumer Science	180	213	257	406	283	262	287	348	405	515
Wellness	1712	1397	1429	1411	1624	933	951	1,087	1,068	1,132
Total All Departments	10,994	11,710	12,199	12,453	12,451	11,421	11,742	11,585	11,932	12,504
Total Enrollment As of November 1, 2012	1,555	1,702	1,748	1,784	1,763	1,722	1,706	1,691	1,722	1,780
N Courses taken per Student**	7.1	6.9	7.0	7.0	7.1	6.6	6.9	6.9	6.9	7.0

*Total of all students enrolled in a department course

**Does not include English Language Learners (ELL), special education and other special program offerings

[^]2009 is the first year that Theatre is separated from English Department.

^{^^}2010 is the first year that media art courses are included in the Art Department.

TABLE 24
COMPONENTS OF TEACHING LOAD (ALL TEACHERS)
November 1, 2013

Newton North High School

	Department										
	English	World Languages	Science	History & Social Science	Math	Avg. of Five Subjects	Art	Business	Music	Career & Tech. Ed. *	Physical Education/ Wellness
Number of Teachers F.T.E. (a)	23.1	18.3	19.5	19.3	21.2	20.3	3.5	1.6	2.3	11.5	5.2
Average Number of Students (a)	81.8	82.3	92.5	94.9	94.8	89.1	145.4	146.9	190.4	76.0	236.7
Average Number of Weighted Students (b)	82.6	82.0	92.5	92.7	93.6	88.6	101.3	107.8	137.7	79.5	118.4
Average Number of Periods Taught (e)	16.0	16.0	16.0	16.0	16.0	16.0	20.0	20.0	(f)	20.0	20.0
Average Number of Classes (c, e)	4.0	4.0	4.0	4.0	4.0	4.0	5.0	5.0	(f)	5.0	10.0
Average Number of Daily Preparations (d,e)	2.9	3.1	1.9	2.4	3.0	2.7	4.0	5.0	(f)	3.8	2.1

(a) Does not include special education, special program, MCAS, ELL, work study, classroom aides, or independent study courses

(b) Number of students adjusted for the number of times a course meets per week, assuming 4 times per week as the standard

(Thus if a course meets only twice per week the number of students is multiplied by 0.5; five times per week by 1.25; etc.)

(c) Actual number of classes taught not weighted by the number of periods the class meets

(d) If a teacher teaches two sections of the same course at the same curriculum level, it is counted as one preparation, even though it is understood that all classes differ and adjustments in approach and content are often made. Two times a week courses are calculated as .5 of a daily preparation.

(e) For full time teachers only

(f) There were no full time music teachers at Newton North on November 1, 2013.

* Technology and engineering teachers are included in the Career and Technology Education department in this table.

TABLE 25
NUMBER OF PERIODS TAUGHT BY FULL TIME FACULTY
November 1, 2013

Newton North High School

Number of Periods Taught	Number of Teachers									Total (a)	
	English	World Languages	Science	History & Social Science	Mathematics	Art	Music (b)	Physical Ed. & Wellness	Career & Tech. Ed. (c)	N	%
22 or More											
20-21						3		5	9	17	18%
18-19											
17											
16	14	14	15	15	19					77	82%
14-15											
12-13											
Less than 12											
Total	14	14	15	15	19	3		5	9	94	100%
Average N of Periods	16	16	16	16	16	20		20	20		

(a) Does not include special education, special program, MCAS, ELL, work study, classroom aide, or independent study courses

(b) There were no full time music teachers at Newton North on November 1, 2013.

(c) Technology and engineering teachers are included in the Career and Technology Education department in this table.

TABLE 26
DISTRIBUTION OF NUMBER OF WEIGHTED STUDENTS TAUGHT BY FULL TIME TEACHERS
November 1, 2013

Newton North High School

Number of Students	Number of Teachers					Total 5 Departments		Number of Teachers			
	English	World Languages	Science	History & Social Science	Math	N	%	Art	Music (b)	Career & Tech. Ed. (c)	Physical Education & Wellness
>129										1	
120-129						0	0%				2
110-119				1	1	2	3%				3
100-109			4	2	6	12	16%	2			
90-99		5	5	5	8	23	30%			1	
80-89	10	7	3	4	0	24	31%	1		1	
70-79	4	0	3	3	3	13	17%			3	
60-69		2			1	3	4%			3	
50-59						0	0%				
<50											
Total	14	14	15	15	19	77	100%	3	0	9	5
Average N of Students Taught(a)	81.7	85.5	85.3	86.0	93.4	86.8		99.0		78.2	119.4

(a) The number of students is adjusted for the number of times a course meets per week. If course meets only twice per week, the number of students is multiplied by 0.5, etc.

(b) There were no full time music teachers at Newton North on November 1, 2013.

(c) Technology and engineering teachers are included in the Career and Technology Education department in this table.

TABLE 27
COMPONENTS OF TEACHING LOAD (ALL TEACHERS)
November 1, 2013

Newton South High School

	Department											
	English	World Languages	Science	Social Science	Math	Average 5 Subjects	Art	Business	Family Cons. Sci.	Music	Technical Education	Wellness
Number of Teachers F.T.E.	20.8	17.9	20.20	18.9	19.4	19.4	5.0	1.2	3.0	2.5	1.0	4.60
Average Number of Students(a)	83.2	84.9	91.6	91.0	95.8	89.3	176.2	151.7	162.7	145.6	140.0	247.0
Average Number of Weighted Students(b)	82.0	83.3	91.4	91.0	94.2	88.4	91.8	112.5	96.2	111.4	98.5	123.5
Average Number of Periods Taught(e)	16.0	16.0	16.4	16.0	16.0	16.1	20.0	20.0	20.0	20.0	20.0	20.0
Average Number of Classes(c, e)	4.0	4.0	4.1	4.0	4.0	4.0	10.0	7.0	8.5	7.0	6.0	10.0
Average Number of Daily Preparations(d,e)	2.5	3.1	2.1	2.6	3.1	2.7	2.4	3.0	3.0	3.5	4.5	1.4

- (a) Does not include Work Study, Teaching Assistants, MCAS tutorials or Independent Study
- (b) Number of students adjusted for the number of times a course meets per week, assuming 4 times per week as the standard
 (Thus if a course meets only twice per week the number of students is multiplied by 0.5; five times per week by 1.25; etc.)
- (c) Actual number of classes taught not weighted by the number of periods the class meets
- (d) If a teacher teaches two sections of the same course at the same curriculum level, it is counted as one preparation, even though it is understood that all classes differ and adjustments in approach and content are often made.
- (e) For full time teachers only

TABLE 28
NUMBER OF PERIODS TAUGHT BY FULL TIME FACULTY
November 1, 2013

Newton South High School

Number of Periods Taught	Number of Teachers									Total *	
	English	World Languages	Science	History & Social Sciences	Math	Art	Music	Wellness	Technical Education	N	%
22 or More											
20-21						5	1	4	1	9	11%
18-19			2							5	6%
17			5							4	5%
16	13	12	11	15	15					62	78%
14-15											
12-13											
Less than 12											
Total	13	12	18	15	15	5	1	4	1	80	100%
Average N of Periods	16	16	16.4	16	16	20	20	20	20		

* Does not include ELL, special education, MCAS, Independent Study and Work Study

TABLE 29
DISTRIBUTION OF NUMBER OF WEIGHTED STUDENTS TAUGHT BY FULL TIME TEACHERS
November 1, 2013

Newton South High School

Number of Students	Number of Teachers					Total 5 Departments		Number of Teachers			
	English	World Languages	Science	History & Social Science	Math	N	%	Art	Music	Technical Education	Wellness
>129											
120-129											4
110-119											
100-109		2	5	4	3	14	19%	1	1	1	
90-99		1	6	8	9	24	32%	1			
80-89	9	4	6	2	3	24	32%	2			
70-79	3	6		2		11	15%				
60-69	1		1			2	3%				
50-59											
<50											
Total	13	13	18	16	15	75	100%	4	1	1	4
Average N of Students Taught (a)	82.5	83.4	91.4	93.3	94.3	89.4		91.1	107.9	98.5	123.4

(a) The number of students is adjusted for the number of times a course meets per week. If course meets only twice per week, the number of students is multiplied by 0.5, etc.