

CYNTHIA D. MAHR  
ASSISTANT SUPERINTENDENT  
FOR FINANCE AND OPERATIONS

TO: Cheryl Maloney  
Weston School Committee

FROM: Cynthia D. Mahr

DATE: October 11, 2013

RE: 2013-2014 Enrollment Report and Projections

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The school year 2013-2014 enrollment report is divided into three sections. The first section provides the October 1 enrollment data in terms of historical information as well as actual versus projections. The second section provides class size data for the middle and high schools. The third section provides historical Weston birth data and census data on which enrollment projections for future years are based.

### **Section I: Enrollment and October 1 Data**

#### **Table A: K-12 Enrollment Report**

Overall, we are 41 students below our projection and 41 students below the October 1, 2012 count. The significant variances in the projection figures are apparent in Kindergarten and Grade 11.

#### **Table B: K-12 Enrollment Report Distribution by Residency**

#### **Table C: Trend in Enrollment Distribution by Residency**

The majority of the students attending Weston schools are residents, 90.8%. In addition, there are 179 METCO students (7.8%) and 31 children of faculty and staff (1.4%). Over the last 10 years, Weston's enrollment has decreased by 38 students.

#### **Table D: October 1 Fluctuations from Projected Enrollments**

Accurate enrollment projections are challenging. The projection method used by Weston is a commonly used method of calculating the ratio of births to Kindergarten enrollments and grade-to-grade ratios over a period of time. The birth data source is the Massachusetts Department of Public Health. Table D summarizes the October 1 fluctuations to the projected enrollments. As previous tables have shown, the current year enrollment was lower than projected by 41 students. The significant variances in the projection figures are apparent in Kindergarten and Grade 11. Kindergarten was over-projected by 22 students and Grade 11 by 15 students. Grades 7 and 10 were over-projected by 7 students.

### **Table E: Percentage of Weston Resident Children in Private School**

On an annual basis, this district must report to the Massachusetts Department of Elementary and Secondary Education (DESE) the school placement of Weston resident children. The report is based on data as of January 1<sup>st</sup> of each year and is due to the DESE at the end of February. Working in conjunction with the Town Clerk, the Business Office matches the information in WPS's student information system with the returned census materials. The table outlines the data reported to the DESE for the past eight years. The number of Weston resident school-age children in private and parochial schools has risen by 164 students or 4.42%

This table does not include METCO, exchange or tuition students; it reflects the placement of Weston resident children based only on available information.

## **Section II: Middle and High School Class Size Review**

### **Table F: Course Sections Above 25 and Under 12 Students**

Based on a review of the Middle and High Schools course selection list as of September 22, 2013, a few of courses have enrollments in excess of 25 students and a number of courses have less than 12 students.

At the High School, there are no core courses and sixteen electives with enrollment in excess of 25 students. Similar to past years' data, many of the music sections, such as concert band and chorus, are by the nature of the discipline, larger than the twenty-five student guideline cap. The High School has eleven core courses and ten elective with an enrollment under 12 students.

At the Middle School, there are two core courses and fourteen electives with enrollment in excess of 25 students. The Middle School has three core courses and three electives with an enrollment of 12 students or less as indicated in Table F.

A column reflects the time of year the course is running:

All: Year round course

S1 or S2: Semester 1 or Semester 2

Q1, Q2, Q3, or Q4: Quarter 1, Quarter 2, Quarter 3, or Quarter 4

Due to the nature of smaller classes in special education and topic courses, these courses were not included in the analysis.

### **Table G: Middle School Section Size Distribution**

### **Table H: High School Section Size Distribution**

Tables G and H analyze the class size of the core subject areas in the High and Middle Schools.

Table G analyzes the section size distribution for the Middle School. The Middle School courses range from 8 to 28 students per section

Table H analyzes the section size distribution for the High School. English, Social Studies, Math and Science have similar ranges in both the number of sections and size of sections. These range from 8 to 25 students per section

The mean and median calculations are shown on both Table G and H. Table I provides a historical view of these calculations.

**Table I: Section Size Statistics for Certain Departments (Middle and High School)**

Table I provides the statistical data referred to in Tables G and H. The table provides historical class size ranges and mean and median calculations for the Middle and High Schools from school year 2004-2005 through the present. As the table indicates, the historical data has been consistent. Median values range from 19 to 22 over the past two years. The mean values range from 17.8 to 20.9 over the same time period.

**Section III: Enrollment Projections**

**Table J: Census and Birth Data**

Table J examines the various attributes contributing to the enrollment projection. The first chart is titled Census of Residents Age 0 – 5 as of January 1. This information is provided by the Town Clerk’s Office on an annual basis. Based on the census figures, the overall population of pre-Kindergarten aged children in Weston has generally declined over the past thirteen years (slight increase in 2008 and 2010).

The second table provides historical data on the total number of births by Weston residents from 1989 to the present as reported by the Massachusetts Department of Public Health (DPH).

**Table K: K-12 Enrollment History and Projections as of October 1, 2013**

Table K details the enrollment projection methodology. This spreadsheet calculates the ratio of Weston birth data to actual kindergarten enrollments from school year 1995-1996 through the present. The birth data is published annually by the Massachusetts Department of Public Health (DPH). Three ratios are then developed: 10-year, 5-year and 3-year for all grades based on average grade retention ratios. Below is a summary of the ratios:

Grade	10-Year Average Enrollment Ratio	5-Year Average Enrollment Ratio	3-Year Average Enrollment Ratio
K	1.50	1.67	1.75
1	1.08	1.09	1.10
2	1.05	1.05	1.05
3	1.04	1.02	1.03
4	1.01	1.02	1.02
5	1.01	1.02	1.04
6	1.00	1.00	0.99
7	1.00	1.00	1.00
8	1.01	1.02	1.02
9	0.98	0.99	1.01
10	0.98	0.97	0.96
11	0.99	1.00	0.99
12	0.99	0.99	0.99

Based on the quality of education provided by the Weston Public Schools, families are apt to move into town when their children reach school age. The 2014-2015 enrollment projections are based on the 3-year average ratio. Utilizing the straight ratio for Kindergarten would result in a projection of 116 students. This is a result of a lower than normal, although similar to the previous year's, birth rate of 66 in 2009. A revised estimate of 134 has been used in the 2014-2015 projection. This number represents a birth to grade ratio similar to the current year for Kindergarten (2.03 versus 1.75). I feel this is a more accurate reflection of the expected Kindergarten enrollment for next year.

### **Summary**

In summary, the school year 2013-2014 enrollments reflect an overall decrease in the number of students attending Weston Public Schools of 41 students.

The school year 2014-2015 enrollment projection is 2,231 students in Kindergarten through Grade 12. This represents a decrease of 50 students from the October 1, 2013 count. I look forward to discussing this with you and providing additional information as needed. Thank you.

**RECOMMENDED ACTION:** That the Weston School Committee receive the 2013-2014 Enrollment Report and vote to adopt Table K: K-12 Enrollment History and Projection for the Fiscal Year 2015 budgeting purposes.

Attachments

K-12 Enrollment Report  
Based on October 1, 2013 Enrollments

Grade	2012-13 Actual	2013-14 Projected	2013-14 Actual as of October 1, 2013	Difference from Projection	% Difference from Projection	Projected Cohort Change	Actual Cohort Change	2013-14 Class Size Avg	Class Size Range	Class Size Target
K	154	146	124	(22)	-15.1%			17.7	17 - 21	19
1	156	168	172	4	2.4%	14	18	19.1	17 - 21	19
2	151	165	164	(1)	-0.6%	9	8	20.5	18 - 22	20
3	161	155	155	0	0.0%	4	4	19.4	18 - 22	20
<b>Sub-total</b>	<b>622</b>	<b>634</b>	<b>615</b>	<b>(19)</b>	<b>-3.0%</b>					
4	187	165	167	2	1.2%	4	6	20.9	20 - 24	22
5	172	192	192	0	0.0%	5	5	21.3	20 - 24	22
<b>Sub-total</b>	<b>359</b>	<b>357</b>	<b>359</b>	<b>2</b>	<b>0.6%</b>					
<b>K-5 Total</b>	<b>981</b>	<b>991</b>	<b>974</b>	<b>(17)</b>	<b>-1.7%</b>					
6	213	171	169	(2)	-1.2%	(1)	(3)	21.1		
7	152	215	208	(7)	-3.3%	2	(5)	20.8		
8	194	153	156	3	2.0%	1	4	19.5		
<b>MS Total</b>	<b>559</b>	<b>539</b>	<b>533</b>	<b>(6)</b>	<b>-1.1%</b>					
9	207	192	195	3	1.6%	(2)	1			
10	185	201	194	(7)	-3.5%	(6)	(13)			
11	212	189	174	(15)	-7.9%	4	(11)			
12	178	210	211	1	0.5%	(2)	(1)			
<b>HS Total</b>	<b>782</b>	<b>792</b>	<b>774</b>	<b>(18)</b>	<b>-2.3%</b>					
<b>Grade 6 - Grade 12 Total</b>	<b>1,341</b>	<b>1,331</b>	<b>1,307</b>	<b>(24)</b>	<b>-1.8%</b>					
<b>Grade K - Grade 12 Total</b>	<b>2,322</b>	<b>2,322</b>	<b>2,281</b>	<b>(41)</b>	<b>-1.8%</b>					

Elementary Breakout	K	1	2	3	Total
Country	57	92	82	81	312
Woodland	67	80	82	74	303
<b>Total</b>	<b>124</b>	<b>172</b>	<b>164</b>	<b>155</b>	<b>615</b>

**K-12 Enrollment Report**  
**Based on October 1, 2013 Enrollments**  
**Distribution by Residency**

Grade	2013-2014 Actual as of October 1, 2013	Residents	Exchange	Percent Residents and Exchange	METCO	Percent METCO	Children of Faculty & Staff	Percent Faculty & Staff
K	124	108	0	87.1%	14	11.3%	2	1.6%
1	172	153	0	89.0%	15	8.7%	4	2.3%
2	164	147	0	89.6%	14	8.5%	3	1.8%
3	155	136	0	87.7%	14	9.0%	5	3.2%
<b>Sub-total</b>	<b>615</b>	<b>544</b>	<b>0</b>	<b>88.5%</b>	<b>57</b>	<b>9.3%</b>	<b>14</b>	<b>2.3%</b>
4	167	151	0	90.4%	13	7.8%	3	1.8%
5	192	176	0	91.7%	14	7.3%	2	1.0%
<b>Sub-total</b>	<b>359</b>	<b>327</b>	<b>0</b>	<b>91.1%</b>	<b>27</b>	<b>7.5%</b>	<b>5</b>	<b>1.4%</b>
<b>K-5 Total</b>	<b>974</b>	<b>871</b>	<b>0</b>	<b>89.4%</b>	<b>84</b>	<b>8.6%</b>	<b>19</b>	<b>2.0%</b>
6	169	154	0	91.1%	13	7.7%	2	1.2%
7	208	195	0	93.8%	12	5.8%	1	0.5%
8	156	140	0	89.7%	14	9.0%	2	1.3%
<b>MS Total</b>	<b>533</b>	<b>489</b>	<b>0</b>	<b>91.7%</b>	<b>39</b>	<b>7.3%</b>	<b>5</b>	<b>0.9%</b>
9	195	180	0	92.3%	14	7.2%	1	0.5%
10	194	181	0	93.3%	11	5.7%	2	1.0%
11	174	160	0	92.0%	12	6.9%	2	1.1%
12	211	188	2	90.0%	19	9.0%	2	0.9%
<b>HS Total</b>	<b>774</b>	<b>709</b>	<b>2</b>	<b>91.9%</b>	<b>56</b>	<b>7.2%</b>	<b>7</b>	<b>0.9%</b>
<b>6-12 Total</b>	<b>1,307</b>	<b>1,198</b>	<b>2</b>	<b>91.8%</b>	<b>95</b>	<b>7.3%</b>	<b>12</b>	<b>0.9%</b>
<b>K-12 Total</b>	<b>2,281</b>	<b>2,069</b>	<b>2</b>	<b>90.8%</b>	<b>179</b>	<b>7.8%</b>	<b>31</b>	<b>1.4%</b>

Weston Public Schools  
Weston, Massachusetts

Enrollment Report  
Table C

Trend in Enrollment Distribution by Residency as of October 1, 2013

	Elementary Schools			Middle School			High School			Totals			Total Students	
	Residents	Metco	Faculty & Staff Children	Residents	Metco	Faculty & Staff Children	Residents	Metco	Faculty & Staff Children	Total Residents	Total Metco	Faculty & Staff Children		
2002-03	#	981	81	19	523	41	18	577	36	21	2,081	158	58	2,297
	%	90.7%	7.5%	1.8%	89.9%	7.0%	3.1%	91.0%	5.7%	3.3%	90.6%	6.9%	2.5%	
2003-04	#	998	82	17	515	37	15	603	39	22	2,116	158	54	2,328
	%	91.0%	7.5%	1.5%	90.8%	6.5%	2.6%	90.8%	5.9%	3.3%	90.9%	6.8%	2.3%	
2004-05	#	974	89	14	521	28	11	613	42	27	2,108	159	52	2,319
	%	90.4%	8.3%	1.3%	93.0%	5.0%	2.0%	89.9%	6.2%	4.0%	90.9%	6.9%	2.2%	
2005-06	#	969	89	12	501	29	13	624	41	21	2,094	159	46	2,299
	%	90.6%	8.3%	1.1%	92.3%	5.3%	2.4%	91.0%	6.0%	3.1%	91.1%	6.9%	2.0%	
2006-07	#	981	96	13	503	31	11	652	40	18	2,136	167	42	2,345
	%	90.0%	8.8%	1.2%	92.3%	5.7%	2.0%	91.8%	5.6%	2.5%	91.1%	7.1%	1.8%	
2007-08	#	956	88	14	532	43	8	669	35	18	2,157	166	40	2,363
	%	90.4%	8.3%	1.3%	91.3%	7.4%	1.4%	92.7%	4.8%	2.5%	91.3%	7.0%	1.7%	
2008-09	#	954	87	11	535	45	6	663	33	15	2,152	165	32	2,349
	%	90.7%	8.3%	1.0%	91.3%	7.7%	1.0%	93.2%	4.6%	2.1%	91.6%	7.0%	1.4%	
2009-10	#	899	87	16	569	43	6	663	37	12	2,131	167	34	2,332
	%	89.7%	8.7%	1.6%	92.1%	7.0%	1.0%	93.1%	5.2%	1.7%	91.4%	7.2%	1.5%	
2010-11	#	887	87	17	534	37	5	680	50	15	2,101	174	37	2,312
	%	89.5%	8.8%	1.7%	92.7%	6.4%	0.9%	91.3%	6.7%	2.0%	90.9%	7.5%	1.6%	
2011-12	#	885	83	25	511	41	4	688	54	11	2,084	178	40	2,302
	%	89.1%	8.4%	2.5%	91.9%	7.4%	0.7%	91.4%	7.2%	1.5%	90.5%	7.7%	1.7%	
2012-13	#	876	85	20	514	42	3	720	54	6	2,110	181	29	2,320
	%	89.3%	8.7%	2.0%	91.9%	7.5%	0.5%	92.3%	6.9%	0.8%	90.9%	7.8%	1.3%	
2013-14	#	871	84	19	489	39	5	711	56	7	2,071	179	31	2,281
	%	89.4%	8.6%	2.0%	91.7%	7.3%	0.9%	91.9%	7.2%	0.9%	90.8%	7.8%	1.4%	

Weston Public Schools  
Weston, Massachusetts

Enrollment Report  
Table D

October 1 Fluctuations From Projected Enrollments

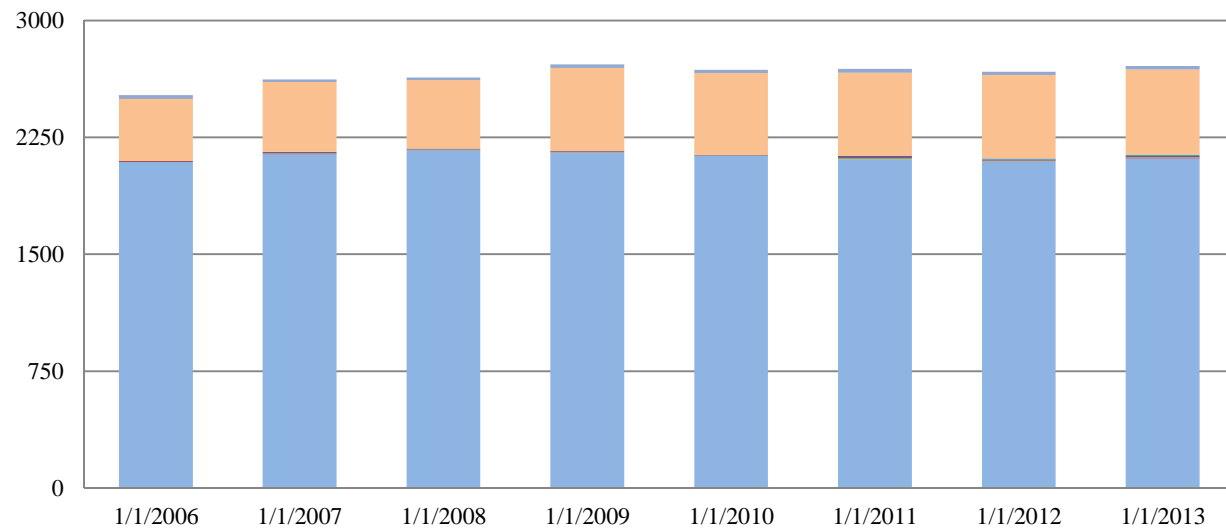
GRADE	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Mean Diff (Regardless of Sign)	2013	Years Over	Years Even	Years Under
<b>K</b>	(28)	(21)	(11)	46	(2)	(6)	16	(27)	0	1	(2)	8	(3)	(9)	(30)	(17)	16	(5)	20	(17)	22	(19)	13	7	13	<b>14.7</b>	(22)	<b>10</b>	<b>1</b>	<b>15</b>
<b>1</b>	2	9	7	0	17	0	2	(1)	(8)	(3)	1	1	1	1	(5)	6	(3)	0	0	4	3	1	(10)	(9)	9	<b>4.1</b>	4	<b>15</b>	<b>4</b>	<b>7</b>
<b>2</b>	(2)	(3)	(2)	18	(1)	(8)	(6)	(4)	2	15	9	(10)	(3)	(12)	(1)	14	1	8	(5)	(5)	0	(3)	16	(12)	2	<b>6.3</b>	(1)	<b>8</b>	<b>1</b>	<b>17</b>
<b>3</b>	1	6	6	13	(4)	2	(11)	(6)	1	10	(1)	0	(3)	(4)	(17)	2	1	3	12	6	1	(8)	(13)	12	3	<b>5.6</b>	0	<b>15</b>	<b>2</b>	<b>9</b>
<b>4</b>	4	(6)	3	6	0	(8)	(2)	2	(1)	12	(4)	0	1	(5)	1	(1)	(9)	1	(4)	4	(6)	2	2	(8)	(5)	<b>3.8</b>	2	<b>13</b>	<b>2</b>	<b>11</b>
<b>5</b>	1	(3)	2	6	(3)	(3)	2	1	(1)	3	2	3	(2)	(5)	1	1	(6)	(3)	7	6	(10)	(6)	(5)	8	6	<b>3.7</b>	0	<b>14</b>	<b>1</b>	<b>11</b>
<b>K - 5</b>	<b>(22)</b>	<b>(18)</b>	<b>5</b>	<b>89</b>	<b>7</b>	<b>(23)</b>	<b>1</b>	<b>(35)</b>	<b>(7)</b>	<b>38</b>	<b>5</b>	<b>2</b>	<b>(9)</b>	<b>(34)</b>	<b>(51)</b>	<b>5</b>	<b>0</b>	<b>4</b>	<b>30</b>	<b>(2)</b>	<b>10</b>	<b>(33)</b>	<b>3</b>	<b>(2)</b>	<b>28</b>	<b>18.5</b>	<b>(17)</b>	<b>13</b>	<b>1</b>	<b>12</b>
<b>6</b>	(5)	(1)	(5)	2	4	(8)	3	1	(1)	(3)	(1)	(3)	2	(4)	(3)	(7)	2	10	(1)	5	(6)	3	(8)	(15)	9	<b>4.4</b>	(2)	<b>10</b>	<b>0</b>	<b>16</b>
<b>7</b>	3	(5)	0	5	(11)	5	10	0	(5)	3	(6)	(5)	(3)	(5)	5	1	1	(8)	9	4	(3)	(2)	9	(5)	(8)	<b>4.9</b>	(7)	<b>11</b>	<b>2</b>	<b>13</b>
<b>8</b>	(1)	(6)	0	2	5	1	0	1	0	4	3	(1)	1	(7)	5	2	(6)	2	(3)	2	(1)	11	(2)	5	1	<b>2.9</b>	3	<b>15</b>	<b>3</b>	<b>8</b>
<b>6 - 8</b>	<b>(3)</b>	<b>(12)</b>	<b>(5)</b>	<b>9</b>	<b>(2)</b>	<b>(2)</b>	<b>13</b>	<b>2</b>	<b>(6)</b>	<b>4</b>	<b>(4)</b>	<b>(9)</b>	<b>0</b>	<b>(16)</b>	<b>7</b>	<b>(4)</b>	<b>(3)</b>	<b>4</b>	<b>5</b>	<b>11</b>	<b>(10)</b>	<b>12</b>	<b>(1)</b>	<b>(15)</b>	<b>2</b>	<b>6.4</b>	<b>(6)</b>	<b>10</b>	<b>1</b>	<b>15</b>
<b>9</b>	6	(7)	1	6	5	(3)	6	(2)	(12)	(19)	(8)	20	0	1	(2)	(2)	(4)	(3)	12	12	(7)	(1)	5	14	2	<b>6.3</b>	3	<b>13</b>	<b>1</b>	<b>12</b>
<b>10</b>	2	(2)	6	6	(5)	(5)	0	(7)	0	9	3	(5)	3	(5)	6	(7)	1	9	(1)	3	(2)	(3)	(5)	8	(4)	<b>4.4</b>	(7)	<b>11</b>	<b>2</b>	<b>13</b>
<b>11</b>	(13)	(2)	7	0	(2)	(2)	10	1	1	(11)	(2)	6	1	(3)	(4)	(4)	4	(4)	2	5	(4)	(1)	8	2	1	<b>4.4</b>	(15)	<b>12</b>	<b>1</b>	<b>13</b>
<b>12</b>	7	3	2	(3)	(4)	1	5	(3)	(2)	(1)	2	(5)	5	7	2	(1)	(1)	0	3	0	(3)	(3)	(2)	0	4	<b>2.7</b>	1	<b>12</b>	<b>3</b>	<b>11</b>
<b>9 - 12</b>	<b>2</b>	<b>(8)</b>	<b>16</b>	<b>9</b>	<b>(6)</b>	<b>(9)</b>	<b>21</b>	<b>(11)</b>	<b>(13)</b>	<b>(22)</b>	<b>(5)</b>	<b>16</b>	<b>9</b>	<b>0</b>	<b>2</b>	<b>(14)</b>	<b>0</b>	<b>2</b>	<b>16</b>	<b>20</b>	<b>(16)</b>	<b>(8)</b>	<b>6</b>	<b>24</b>	<b>3</b>	<b>10.6</b>	<b>(18)</b>	<b>13</b>	<b>2</b>	<b>11</b>
<b>K - 12</b>	<b>(23)</b>	<b>(38)</b>	<b>16</b>	<b>107</b>	<b>(1)</b>	<b>(34)</b>	<b>35</b>	<b>(44)</b>	<b>(26)</b>	<b>20</b>	<b>(4)</b>	<b>9</b>	<b>0</b>	<b>(50)</b>	<b>(42)</b>	<b>(13)</b>	<b>(3)</b>	<b>10</b>	<b>51</b>	<b>29</b>	<b>(16)</b>	<b>(29)</b>	<b>8</b>	<b>7</b>	<b>33</b>	<b>26.5</b>	<b>(41)</b>	<b>11</b>	<b>1</b>	<b>14</b>

Negative numbers represent the actual enrollment was under the projected enrollment figures  
Positive numbers represent the actual enrollment was over the projected enrollment figures



Weston School Age Children  
School Placement

Type of Schools	1/1/2006	1/1/2007	1/1/2008	1/1/2009	1/1/2010	1/1/2011	1/1/2012	1/1/2013
Weston Public Schools	2091	2141	2165	2151	2132	2109	2094	2115
Vocational	7	3	3	2	1	0	3	3
Collaboratives	0	3	4	3	2	8	4	5
Out of District Public	3	10	7	5	3	13	8	8
Home Schooled	0	0	0	0	0	1	5	7
In State Private / Parochial	396	448	438	535	524	534	537	548
Out of State Private / Parochial	23	16	16	23	21	25	20	22
% in Private and Parochial	16.63%	17.70%	17.24%	20.52%	20.31%	20.78%	20.85%	21.05%



	1/1/2006	1/1/2007	1/1/2008	1/1/2009	1/1/2010	1/1/2011	1/1/2012	1/1/2013
■ Out of State Private / Parochial	23	16	16	23	21	25	20	22
■ In State Private / Parochial	396	448	438	535	524	534	537	548
■ Home Schooled	0	0	0	0	0	1	5	7
■ Out of District Public	3	10	7	5	3	13	8	8
■ Collaboratives	0	3	4	3	2	8	4	5
■ Vocational	7	3	3	2	1	0	3	3
■ Weston Public Schools	2091	2141	2165	2151	2132	2109	2094	2115

The figures above do not include exchange, METCO or tuitioned in students.

Course Sections Above 25 and Under 12 in Size

Classes Over 25 as of September 22, 2013

Core Courses

HS

Electives

HS	770-1 Con Band	(1 of 1)	62	All
	771-1 Wind Ensemb	(1 of 1)	50	All
	775-1 Orchestra	(1 of 1)	26	All
	785-1 Chorus	(1 of 3)	34	All
	785-2 Chorus	(1 of 3)	37	All
	785-3 Chorus	(1 of 3)	40	All
	795-1 Con Choir	(1 of 1)	42	All
	986-2 Physical Ed 12	(1 of 10)	26	S1
	986-3 Physical Ed 12	(1 of 10)	27	S1
	986-6 Physical Ed 12	(1 of 10)	26	S1
	986-9 Physical Ed 12	(1 of 10)	26	S1
	989-2 Physical Ed 10	(1 of 9)	26	S1
	989-5 Physical Ed 10	(1 of 9)	26	S1
	990-5 Physical Ed 9	(1 of 9)	28	All
	990-7 Physical Ed 9	(1 of 9)	28	All
	990-9 Physical Ed 9	(1 of 9)	26	All

Classes Over 25 as of September 22, 2013

Core Courses

MS	174-1 Algebra 7	(1 of 1)	28	All
	263-2 RW Connect	(1 of 4)	26	All

Electives

MS	770-6 Physical Ed 7	(1 of 9)	27	All
	770-7 Physical Ed 7	(1 of 9)	27	All
	770-8 Physical Ed 7	(1 of 9)	28	All
	770-9 Physical Ed 7	(1 of 9)	30	All
	900-1 Madrigals	(1 of 1)	42	All
	901-1 Chorus 6	(1 of 1)	47	All
	902-1 Chorus 8	(1 of 1)	64	All
	903-1 Chorus 7	(1 of 1)	66	All
	904-1 Band 8	(1 of 1)	46	All
	905-1 Band 7	(1 of 1)	48	All
	906-1 Jazz Band	(1 of 1)	29	All
	907-1 Orch 7/8	(1 of 1)	37	All
	908-1 Band 6	(1 of 1)	60	All
	909-1 Str Orch 6	(1 of 1)	31	All

Classes Under 12 as of September 22, 2013

Core Course

HS	128-4 Speech	(1 of 10)	10	S2
	218-6 U.S. History	(1 of 4)	10	All
	322-7 Geometry	(1 of 6)	11	All
	435-2 AP Chemistry	(1 of 2)	10	All
	629-2 French Int II	(1 of 2)	11	All
	649-1 AP French	(1 of 1)	11	All
	652-1 Latin III	(1 of 2)	8	All
	660-1 Int. Mandarin	(1 of 1)	10	All
	672-1 Mand Int II	(1 of 1)	10	All
	673-1 Int H Mand	(1 of 1)	11	All
	674-1 H Man V	(1 of 1)	10	All

Electives

HS	703-1 Art III/IV	(1 of 1)	11	All
	710-5 Video Prod. I	(1 of 5)	11	S1
	711-1 Video II/III	(1 of 2)	9	S2
	712-1 Photo III	(1 of 1)	11	S1
	720-4 Clay II	(1 of 4)	10	S2
	771-2 Video II/III	(1 of 2)	11	S2
	776-2 Cham Music	(1 of 2)	7	All
	778-1 AP Theory	(1 of 1)	10	All
	983-1 Grade 10 Health	(1 of 10)	9	S1
	990-2 Physical Education 9	(1 of 9)	11	All

Classes Under 12 as of September 22, 2013

Core Courses

MS	182-1 Algebra I	(1 of 2)	11	All
	380-2 Soc Stud 8	(1 of 4)	11	All
	561-7 Spanish 6	(1 of 8)	8	All

Electives

MS	760-10 Physical Ed 6	(1 of 11)	10	All
	780-4 Physical Ed 8	(1 of 9)	9	All
	780-6 Physical Ed 8	(1 of 9)	11	All

\*\* The data above does not include special education or topic classes which range from 1-13 students.

Weston Middle School Section Size Distribution  
Based on October 1, 2014 Enrollments

Department	Section Size	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
MS English	1																									
Mean: 19.94	2																									
	3																									
	4																									
	5																									
	6																									
	7																									
	8																									
Department	Section Size	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
MS Social Studies	1																									
Mean: 20.50	2																									
	3																									
	4																									
	5																									
	6																									
Department	Section Size	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
MS Mathematics	1																									
Mean: 19.67	2																									
	3																									
	4																									
	5																									
	6																									
	7																									
Department	Section Size	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
MS Science	1																									
Mean: 20.50	2																									
	3																									
	4																									
	5																									
	6																									
	7																									
Department	Section Size	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
MS World Lang	1																									
Mean: 18.52	2																									
	3																									
	4																									
	5																									
	Median																									

Weston High School Section Size Distribution  
Based on October 1, 2013 Enrollments

Department	No. of Sections	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
HS English	1																												
Mean: 20.53	2																												
	3																												
	4																												
	5																												
	6																												
	7																												
	8																												
	9																												
	10																												
	11																												
	12																												
	13																												
	14																												
	15																												
	16																												
	17																												
	18																												
	19																												
	20																												
	21																												
	22																												
	23																												
	24																												
	25																												
	26																												
	27																												
	28																												
HS Social Studies	1																												
Mean: 20.88	2																												
	3																												
	4																												
	5																												
	6																												
	7																												
	8																												
	9																												
	10																												
	11																												
	12																												
HS Mathematics	1																												
Mean: 20.81	2																												
	3																												
	4																												
	5																												
	6																												
	7																												
	8																												
	9																												
	10																												
	11																												
HS Science	1																												
Mean: 20.77	2																												
	3																												
	4																												
	5																												
	6																												
	7																												
	8																												
	9																												
	10																												

Weston High School Section Size Distribution  
Based on October 1, 2013 Enrollments

Department	No. of Sections	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
HS World Languages	1																												
Mean: 17.75	2																												
	3																												
	4																												
	5																												
	6																												
	7																												
	Median																												

Section Size Statistics for Certain Departments  
Middle School and High School

Based on October 1, 2013 Enrollments

	04-05 Range	04-05 Median	04-05 Mean	05-06 Range	05-06 Median	05-06 Mean	06-07 Range	06-07 Median	06-07 Mean	07-08 Range	07-08 Median	07-08 Mean	08-09 Range	08-09 Median	08-09 Mean
<b>Middle School:</b>															
English	14 to 24	21	20.7	16 to 24	21	20.9	16 to 25	21	21.7	17 to 25	23	22.1	17 to 25	21	21.3
Social Studies	15 to 24	20	20.1	17 to 25	21	20.7	16 to 26	21	21.7	15 to 25	22	22.0	16 to 26	22	21.4
Mathematics	9 to 35	21	18.5	9 to 26	19	18.5	15 to 26	19	20.6	14 to 24	22	21.2	11 to 26	20	20.1
World Language	14 to 29	21	19.7	10 to 28	21	20.0	8 to 25	21	17.5	10 to 28	17	18.1	9 to 27	20	19.7
Science	15 to 25	21	20.6	17 to 24	21	20.9	16 to 24	21	21.7	20 to 25	22	22.4	17 to 25	22	21.6

	04-05 Range	04-05 Median	04-05 Mean	05-06 Range	05-06 Median	05-06 Mean	06-07 Range	06-07 Median	06-07 Mean	07-08 Range	07-08 Median	07-08 Mean	08-09 Range	08-09 Median	08-09 Mean
<b>High School:</b>															
English	11 to 25	23	21.7	11 to 26	21	20.3	10 to 25	21	20.3	13 to 25	22	21.1	8 to 25	22	20.6
Social Studies	6 to 26	23	20.3	8 to 25	21	20.0	10 to 25	21	20.8	11 to 25	22	20.8	9 to 26	21	19.8
Mathematics	8 to 27	21	19.4	8 to 27	19	18.6	5 to 25	19	18.5	10 to 25	20	19.3	10 to 25	20	18.9
World Languages	9 to 25	18	18.1	7 to 25	20	18.3	8 to 25	20	18.6	10 to 27	20	19.2	9 to 26	19	18.4
Science	14 to 24	20	18.8	7 to 24	21	20.0	11 to 24	21	20.7	11 to 25	21	20.6	12 to 25	20	20.1

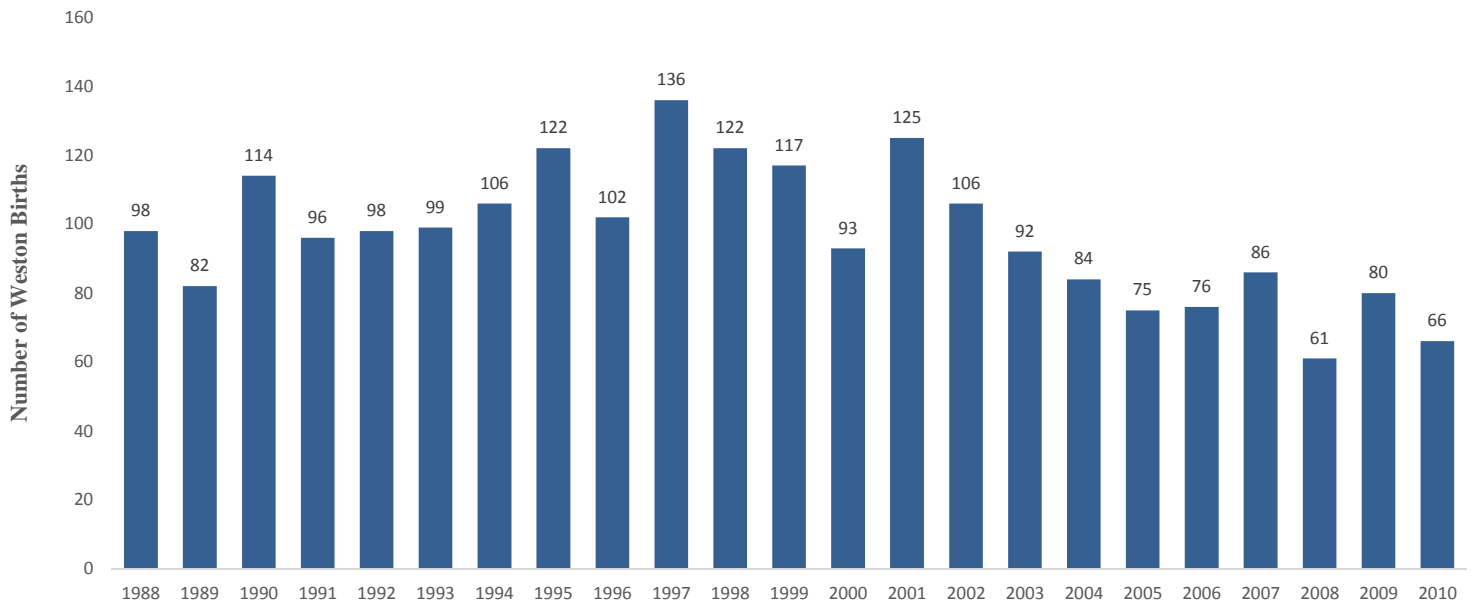
	09-10 Range	09-10 Median	09-10 Mean	10-11 Range	10-11 Median	10-11 Mean	11-12 Range	11-12 Median	11-12 Mean	12-13 Range	12-13 Median	12-13 Mean	13-14 Range	13-14 Median	13-14 Mean
<b>Middle School:</b>															
English	15 to 24	22	20.9	15 to 24	21	20.4	12 to 24	20	19.2	13 to 24	21	20.9	12 to 26	21	19.9
Social Studies	17 to 24	21	21.1	16 to 24	20	20.2	14 to 25	20	19.7	13 to 24	22	20.7	11 to 25	22	20.5
Mathematics	15 to 24	20	20.4	11 to 24	21	19.7	10 to 25	20	19.0	13 to 26	20	19.8	11 to 28	21	19.7
World Language	12 to 25	19	19.1	10 to 27	20	18.3	12 to 23	18	17.2	10 to 25	20	18.5	8 to 24	20	18.5
Science	14 to 28	22	21.2	15 to 25	20	20.5	14 to 24	19.5	19.8	15 to 24	22	20.7	12 to 24	22	20.5

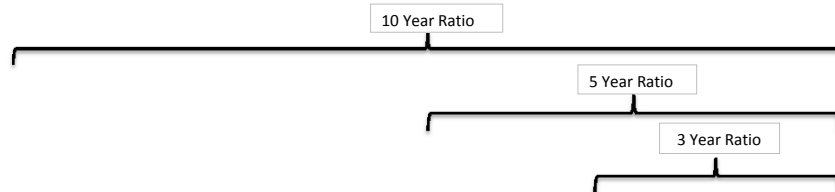
	09-10 Range	09-10 Median	09-10 Mean	10-11 Range	10-11 Median	10-11 Mean	11-12 Range	11-12 Median	11-12 Mean	12-13 Range	12-13 Median	12-13 Mean	13-14 Range	13-14 Median	13-14 Mean
<b>High School:</b>															
English	13 to 24	20	20.2	11 to 24	20	19.6	13 to 24	22	20.9	15 to 24	22	20.8	10 to 24	21	20.5
Social Studies	13 to 25	21	20.6	11 to 24	21	20.9	11 to 24	22	20.7	10 to 24	22	20.7	10 to 25	23	20.9
Mathematics	12 to 24	19	18.6	11 to 25	20	19.6	9 to 26	19	18.9	13 to 26	20	20	11 to 25	22	20.8
World Languages	11 to 24	19	18.2	11 to 24	18	18.6	9 to 26	19	18.2	7 to 30	19	18.7	8 to 24	19	17.8
Science	13 to 24	21	19.4	14 to 24	19	19.5	11 to 24	21	20.1	13 to 24	20	20.2	10 to 24	22	20.8

Census of Residents Age 0 - 5 as of January 1  
Source: Weston Town Clerk's Office

BIRTH YEAR	CENSUS YEAR, JANUARY OF																
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
1991																	
1992	169																
1993	134	160															
1994	127	135	153														
1995	137	144	152	173													
1996	103	113	121	145	156												
1997		133	144	157	187	187											
1998			119	141	163	170	177										
1999				119	135	143	145	161									
2000					100	105	117	119	138								
2001						121	127	140	157	166							
2002							98	106	116	132	129						
2003								90	98	111	119	139					
2004									92	103	104	126	131				
2005										68	77	101	106	126			
2006											67	90	98	120	133		
2007												76	97	112	126	134	
2008													55	77	88	93	102
2009														78	81	90	102
2010															67	79	89
2011																69	85
2012																	66
<b>TOTALS</b>	670	685	689	735	741	726	664	616	601	580	496	532	487	513	495	465	444

Historical Weston Birth Data (1989 - 2010)  
Source: Mass. Department of Public Health





Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	10 Year	5 Year	3 Year
Weston Birth Data	114	96	98	99	106	122	102	136	122	117	93	125	106	92	84	75	76	86	61	Average	Average	Average
School Year	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	Ratio	Ratio	Ratio
<b>Grade K</b>	156	159	167	168	177	172	181	160	166	167	138	171	141	155	137	138	137	154	124			
<b>Grade K: Birth Data</b>	1.368	1.656	1.704	1.697	1.670	1.410	1.775	1.176	1.361	1.427	1.484	1.368	1.330	1.685	1.631	1.840	1.803	1.791	2.033	1.50	1.67	1.75
<b>Grade 1</b>	166	160	166	176	177	186	181	185	173	172	175	146	183	156	167	150	143	156	172			
<b>Grade 1: Grade K</b>		1.026	1.044	1.054	1.054	1.051	1.052	1.022	1.081	1.036	1.048	1.058	1.070	1.106	1.077	1.095	1.036	1.139	1.117	1.08	1.09	1.10
<b>Grade 2</b>	159	173	177	181	177	183	182	184	201	180	187	180	151	188	159	180	155	151	164			
<b>Grade 2: Grade 1</b>		1.042	1.106	1.090	1.006	1.034	0.978	1.017	1.086	1.040	1.087	1.029	1.034	1.027	1.019	1.078	1.033	1.056	1.051	1.05	1.05	1.05
<b>Grade 3</b>	169	165	188	184	189	183	187	171	188	203	183	200	191	163	190	160	187	161	155			
<b>Grade 3: Grade 2</b>		1.038	1.087	1.040	1.044	1.034	1.022	0.940	1.022	1.010	1.017	1.070	1.061	1.079	1.011	1.006	1.039	1.039	1.026	1.04	1.02	1.03
<b>Grade 4</b>	184	174	180	190	191	197	185	193	175	184	206	181	204	189	165	198	165	187	167			
<b>Grade 4: Grade 3</b>		1.030	1.091	1.011	1.038	1.042	1.011	1.032	1.023	0.979	1.015	0.989	1.020	0.990	1.012	1.042	1.031	1.000	1.037	1.01	1.02	1.02
<b>Grade 5</b>	128	185	178	184	196	193	196	188	196	171	181	212	188	201	184	165	206	172	192			
<b>Grade 5: Grade 4</b>		1.005	1.023	1.022	1.032	1.010	0.995	1.016	1.016	0.977	0.984	1.029	1.039	0.985	0.974	1.000	1.040	1.042	1.027	1.01	1.02	1.04
<b>Grade 6</b>	130	130	185	179	183	198	190	192	179	194	177	179	216	186	205	182	157	213	169			
<b>Grade 6: Grade 5</b>		1.016	1.000	1.006	0.995	1.010	0.984	0.980	0.952	0.990	1.035	0.989	1.019	0.989	1.020	0.989	0.952	1.034	0.983	1.00	1.00	0.99
<b>Grade 7</b>	141	130	137	185	177	181	193	193	192	179	186	183	183	217	186	208	190	152	208			
<b>Grade 7: Grade 6</b>		1.000	1.054	1.000	0.989	0.989	0.975	1.016	1.000	1.000	0.959	1.034	1.022	1.005	1.000	1.015	1.044	0.968	0.977	1.00	1.00	1.00
<b>Grade 8</b>	151	140	133	140	185	179	176	197	196	187	180	183	184	183	227	186	209	194	156			
<b>Grade 8: Grade 7</b>		0.993	1.023	1.022	1.000	1.011	0.972	1.021	1.016	0.974	1.006	0.984	1.005	1.000	1.046	1.000	1.005	1.021	1.026	1.01	1.02	1.02
<b>Grade 9</b>	125	136	117	113	143	174	169	164	185	182	172	179	185	179	178	214	193	207	195			
<b>Grade 9: Grade 8</b>		0.901	0.836	0.850	1.021	0.941	0.944	0.932	0.939	0.929	0.920	0.994	1.011	0.973	0.973	0.943	1.038	0.990	1.005	0.98	0.99	1.01
<b>Grade 10</b>	94	120	139	116	106	143	167	171	155	182	187	170	181	185	177	173	209	185	194			
<b>Grade 10: Grade 9</b>		0.960	1.022	0.991	0.938	1.000	0.960	1.012	0.945	0.984	1.027	0.988	1.011	1.000	0.989	0.972	0.977	0.959	0.937	0.98	0.97	0.96
<b>Grade 11</b>	105	97	111	136	120	106	139	161	164	155	174	184	171	178	182	181	177	212	174			
<b>Grade 11: Grade 10</b>		1.032	0.925	0.978	1.034	1.000	0.972	0.964	0.959	1.000	0.956	0.984	1.006	0.983	0.984	1.023	1.023	1.014	0.941	0.99	1.00	0.99
<b>Grade 12</b>	109	98	93	110	128	120	108	140	160	163	155	177	185	169	175	180	176	178	211			
<b>Grade 12: Grade 11</b>		0.933	0.959	0.991	0.941	1.000	1.019	1.007	0.994	0.994	1.000	1.017	1.005	0.988	0.983	0.989	0.972	1.006	0.995	0.99	0.99	0.99
<b>Grade K - Grade 3</b>	650	657	698	709	720	724	731	700	728	722	683	697	666	662	653	628	622	622	615	657	628	620
<b>Grade 4 - Grade 8</b>	734	759	813	878	932	948	940	963	938	915	930	938	975	976	967	939	927	918	892	938	929	912
<b>Grade K - Grade 3</b>	650	657	698	709	720	724	731	700	728	722	683	697	666	662	653	628	622	622	615	657	628	620
<b>Grade 4 - Grade 5</b>	312	359	358	374	387	390	381	381	371	355	387	393	392	390	349	363	371	359	359	372	360	363
<b>Grade 6 - Grade 8</b>	422	400	455	504	545	558	559	582	567	560	543	545	583	586	618	576	556	559	533	566	568	549
<b>Grade 9 - Grade 12</b>	433	451	460	475	497	543	583	636	664	682	688	710	722	711	712	748	755	782	774	728	754	770
<b>Grade K - Grade 12</b>	1817	1867	1971	2062	2149	2215	2254	2299	2330	2319	2301	2345	2363	2349	2332	2315	2304	2322	2281	2,323	2,311	2,302

\*\* Birth data is provided by the Department of Public Health and represents actual births by Weston residents for years 1989 through 2009.



Weston Public Schools  
Weston, Massachusetts

Enrollment Report  
Table K

Year Weston Birth Data School Year	Multiplier 3 year ratio	2006 76	2007 86	2008 61	2009 66	2010 66	2011 64	2012 69	2013 69	2014 69	2015 69	2016 69	2017 69	2018 69	2019 69
		2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2023/24
<b>Grades</b>															
			Actual												
<b>Grade K</b>	2.03	137	154	124	134	134	131	140	140	140	140	140	140	140	140
<b>Grade 1</b>	1.10	143	156	172	136	147	147	143	154	154	154	154	154	154	154
<b>Grade 2</b>	1.05	155	151	164	180	143	154	154	150	161	161	161	161	161	161
<b>Grade 3</b>	1.03	187	161	155	170	186	147	159	159	155	167	167	167	167	167
<b>Grade 4</b>	1.02	166	187	167	158	173	190	151	163	163	159	170	170	170	170
<b>Grade 5</b>	1.04	205	172	192	173	164	180	197	156	169	169	164	176	176	176
<b>Grade 6</b>	0.99	157	213	169	191	172	163	178	196	155	167	167	163	175	175
<b>Grade 7</b>	1.00	190	152	208	168	190	171	162	178	195	154	167	167	163	174
<b>Grade 8</b>	1.02	209	194	156	211	171	193	174	165	181	198	157	170	170	165
<b>Grade 9</b>	1.01	193	207	195	158	214	173	195	176	167	182	200	159	171	171
<b>Grade 10</b>	0.96	209	185	194	187	151	205	166	187	168	160	175	192	152	164
<b>Grade 11</b>	0.99	177	212	174	193	185	150	203	164	185	167	158	174	191	151
<b>Grade 12</b>	0.99	176	178	211	172	191	184	149	201	163	184	166	157	172	189
<b>Total</b>		<b>2,304</b>	<b>2,322</b>	<b>2,281</b>	<b>2,231</b>	<b>2,221</b>	<b>2,187</b>	<b>2,172</b>	<b>2,189</b>	<b>2,156</b>	<b>2,162</b>	<b>2,147</b>	<b>2,149</b>	<b>2,161</b>	<b>2,158</b>
<b>Country School</b>		327	314	312	315	318	320	312	312	334	334	334	334	312	313
<b>Woodland School</b>		295	308	303	305	333	335	334	334	312	312	312	312	334	334
<b>Field School</b>		371	359	359	331	338	370	348	319	332	327	335	347	347	347
<b>Weston Middle School</b>		556	559	533	570	533	527	515	539	531	520	491	500	507	515
<b>Weston High School</b>		755	782	774	709	741	711	712	728	683	693	699	681	686	675

10 Year Average Enrollment	5 Year Average Enrollment	3 Year Average Enrollment
1.50	1.67	1.75
1.08	1.09	1.10
1.05	1.05	1.05
1.04	1.02	1.03
1.01	1.02	1.02
1.01	1.02	1.04
1.00	1.00	0.99
1.00	1.00	1.00
1.01	1.02	1.02
0.98	0.99	1.01
0.98	0.97	0.96
0.99	1.00	0.99
0.99	0.99	0.99

Note: In SY'14-15, the ratio used to calculate the Kindergarten projection was the prior year ratio rather than the 3-year average. The 3-year average would have resulted in 116 students whereas the previous year ratio results in a projection of 134 students.