

CYNTHIA D. MAHR  
ASSISTANT SUPERINTENDENT  
FOR FINANCE AND OPERATIONS

TO: Cheryl Maloney  
Weston School Committee

FROM: Cynthia D. Mahr

DATE: October 11, 2012

RE: 2012-2013 Enrollment Report and Projections

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The school year 2012-2013 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 33 students above our projection and 18 students above the October 1, 2011 count. The significant variances in the projection figures are apparent in Kindergarten, Grades 1 and 6.

#### **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, 91.0%. In addition, there are 181 METCO students (7.8%) and 29 children of faculty and staff (1.2%). Over the last 10 years, Weston's enrollment has increased by 24 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 higher than projected by 32 students. The significant variances in the projection figures are apparent in Kindergarten, Grades 1 and 6. Kindergarten was under-projected by 13 students, Grade 1 by 9 students and Grade 6 by 9 students. Grade 7 was over-projected by 8 students.

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

This table has been re-structured this year. 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 report to the DESE for the past seven years.

This table does not include METCO, exchange or tuition students; it reflects the placement of Weston resident children only based 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 24, 2012, a number of courses have enrollments in excess of 25 students and a few courses have less than 12 students.

At the High School, there are eight core courses and seventeen 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 4 core courses and 5 elective with an enrollment under 12 students.

The Middle School courses in excess of 25 students include mainly non-core subject disciplines (music, health/physical education and acting). There are one core course and 22 electives with an enrollment exceeding 25 students. The Middle School has 5 core courses and 2 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: High School Section Size Distribution**

**Table H: Middle 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 High School. English, Social Studies, Math and Science have similar ranges in both the number of sections and size of sections. These range from 9 to 26 students per section.

Table H analyzes the section size distribution for the Middle School. The Middle School distribution is similar to the High School. The Middle School courses range from 10 to 26 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 2003-2004 through the present. As the table indicates, the historical data has been consistent. Median values range from 18 to 22 over the past two years. The mean values range from 17.2 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, 2012**

Table K details the enrollment projection methodology. This spreadsheet calculates the ratio of Weston birth data to actual kindergarten enrollments from school year 1994-1995 through the present. The birth data is provided by an annual report published 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	1.47	1.67	1.83
1	1.07	1.09	1.09
2	1.05	1.04	1.06
3	1.03	1.03	1.03
4	1.01	1.01	1.02
5	1.01	1.01	1.03
6	1.00	1.00	0.99
7	1.00	1.01	1.01
8	1.01	1.02	1.01
9	0.97	0.98	0.99
10	0.99	0.98	0.97
11	0.99	1.01	1.02
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 2013-2014 enrollment projections are based on the 3-year average ratio. Utilizing the straight ratio for Kindergarten would result in a projection of 111 students. This is a result of a lower than normal birth rate of 61 in 2008. A revised estimate of 146 has been used in the 2013-2014 projection. Both the two-year average and a birth rate of 80 in 2008 would have resulted in the 146 projection. I feel this is a more accurate reflection of the expected Kindergarten enrollment for next year.

As discussed in the introduction, there are other attributes that impact enrollments. Additional information about this topic will be discussed below.

### **Additional Information**

#### **Table L: Actual SY'11-12 Resident Enrollment versus NESDEC Projections**

As part of the Field School Feasibility, we contracted with the New England School Development Council (NESDEC) to conduct a long-range demographic and enrollment projection. NESDEC provided the District with an enrollment projection for residents only. In December 2011, NESDEC provided Weston with an updated projection.

Table L provides a review of the actual resident data versus the revised NESDEC projection. As this table indicates, the NESDEC projection was lower than the actual enrollment of residents as of October 1, 2012 by 24 students.

#### **Table M: Building Permits and Age of Residents**

Table M shows the year of birth and age of the current residents in Weston. There are currently 2,033 residents aged 65 and older. There are 2,400 or 20.6%, individuals between the age of 27 and 50. This age range represents the most likely age to parent a school-aged child.

Building permits is another indicator of enrollment changes. Table M provides a historical view of the permits for current the past 16 years.

### **Summary**

In summary, the school year 2012-2013 enrollments reflect an overall increase in the number of students attending Weston Public Schools of 33 students.

The school year 2013-2014 enrollment projection is 2,321 students in Kindergarten through Grade 12. This represents a decrease of 1 student from the October 1, 2012 count. The Kindergarten projection is 146 students. This represents a decrease of 8 students from the current enrollment of 154 students. 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 2012-2013 Enrollment Report and vote to adopt Table K: K-12 Enrollment History and Projection for the Fiscal Year 2014 budgeting purposes.

Attachments

K-12 Enrollment Report  
Based on October 1, 2012 Enrollments

Grade	2011-12 Actual	2012-13 Projected	2012-13 Actual as of October 1, 2012	Difference from Projection	% Difference from Projection	Projected Cohort Change	Actual Cohort Change	2012-13 Class Size Avg	Class Size Range	Class Size Target
K	137	141	154	13	9.2%			19.3	17 - 21	19
1	143	147	156	9	6.1%	10	19	19.5	17 - 21	19
2	155	149	151	2	1.3%	6	8	18.9	18 - 22	20
3	187	158	161	3	1.9%	3	6	20.1	18 - 22	20
<b>Sub-total</b>	<b>622</b>	<b>595</b>	<b>622</b>	<b>27</b>	<b>4.5%</b>					
4	165	192	187	(5)	-2.6%	5	0	20.8	20 - 24	22
5	206	166	172	6	3.6%	1	7	21.5	20 - 24	22
<b>Sub-total</b>	<b>371</b>	<b>358</b>	<b>359</b>	<b>1</b>	<b>0.3%</b>					
<b>K-5 Total</b>	<b>993</b>	<b>953</b>	<b>981</b>	<b>28</b>	<b>2.9%</b>					
6	157	204	213	9	4.4%	(2)	7	21.3		
7	190	160	152	(8)	-5.0%	3	(5)	19.0		
8	209	193	194	1	0.5%	3	4	21.6		
<b>MS Total</b>	<b>556</b>	<b>557</b>	<b>559</b>	<b>2</b>	<b>0.4%</b>					
9	193	205	207	2	1.0%	(4)	(2)			
10	209	189	185	(4)	-2.1%	(4)	(8)			
11	177	211	212	1	0.5%	2	3			
12	176	174	178	4	2.3%	(3)	1			
<b>HS Total</b>	<b>755</b>	<b>779</b>	<b>782</b>	<b>3</b>	<b>0.4%</b>					
<b>Grade 6 - Grade 12 Total</b>	<b>1,311</b>	<b>1,336</b>	<b>1,341</b>	<b>5</b>	<b>0.4%</b>					
<b>Grade K - Grade 12 Total</b>	<b>2,304</b>	<b>2,289</b>	<b>2,322</b>	<b>33</b>	<b>1.4%</b>					

Elementary Breakout	K	1	2	3	Total
Country	77	78	77	82	314
Woodland	77	78	74	79	308
<b>Total</b>	<b>154</b>	<b>156</b>	<b>151</b>	<b>161</b>	<b>622</b>

**K-12 Enrollment Report**  
**Based on October 1, 2012 Enrollments**  
**Distribution by Residency**

Grade	2012-13 Actual as of October 1, 2012	Residents	Exchange	Percent Residents and Exchange	METCO	Percent METCO	Children of Faculty & Staff	Percent Faculty & Staff
K	154	136	0	88.3%	15	9.7%	3	1.9%
1	156	139	0	89.1%	14	9.0%	3	1.9%
2	151	132	0	87.4%	14	9.3%	5	3.3%
3	161	143	0	88.8%	14	8.7%	4	2.5%
<b>Sub-total</b>	<b>622</b>	<b>550</b>	<b>0</b>	<b>88.4%</b>	<b>57</b>	<b>9.2%</b>	<b>15</b>	<b>2.4%</b>
4	187	171	0	91.4%	14	7.5%	2	1.1%
5	172	155	0	90.1%	14	8.1%	3	1.7%
<b>Sub-total</b>	<b>359</b>	<b>326</b>	<b>0</b>	<b>90.8%</b>	<b>28</b>	<b>7.8%</b>	<b>5</b>	<b>1.4%</b>
<b>K-5 Total</b>	<b>981</b>	<b>876</b>	<b>0</b>	<b>89.3%</b>	<b>85</b>	<b>8.7%</b>	<b>20</b>	<b>2.0%</b>
6	213	199	0	93.4%	13	6.1%	1	0.5%
7	152	136	0	89.5%	15	9.9%	1	0.7%
8	194	179	0	92.3%	14	7.2%	1	0.5%
<b>MS Total</b>	<b>559</b>	<b>514</b>	<b>0</b>	<b>91.9%</b>	<b>42</b>	<b>7.5%</b>	<b>3</b>	<b>0.5%</b>
9	207	195	0	94.2%	11	5.3%	1	0.5%
10	185	171	0	92.4%	12	6.5%	2	1.1%
11	212	190	1	90.1%	19	9.0%	2	0.9%
12	178	164	1	92.7%	12	6.7%	1	0.6%
<b>HS Total</b>	<b>782</b>	<b>720</b>	<b>2</b>	<b>92.3%</b>	<b>54</b>	<b>6.9%</b>	<b>6</b>	<b>0.8%</b>
<b>6-12 Total</b>	<b>1,341</b>	<b>1,234</b>	<b>2</b>	<b>92.2%</b>	<b>96</b>	<b>7.2%</b>	<b>9</b>	<b>0.7%</b>
<b>K-12 Total</b>	<b>2,322</b>	<b>2,110</b>	<b>2</b>	<b>91.0%</b>	<b>181</b>	<b>7.8%</b>	<b>29</b>	<b>1.2%</b>

Weston Public Schools  
Weston, Massachusetts

Enrollment Report  
Table C

Trend in Enrollment Distribution by Residency as of October 1, 2012

	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	
2001-02 #	1,011	80	21	498	41	20	526	39	18	2,035	160	59	2,254
%	90.9%	7.2%	1.9%	89.1%	7.3%	3.6%	90.2%	6.7%	3.1%	90.3%	7.1%	2.6%	
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%	

Weston Public Schools  
Weston, Massachusetts

Enrollment Report  
Table D

October 1 Fluctuations From Projected Enrollments

GRADE	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Mean Diff (Regardless of Sign)	2012	Years Over	Years Even	Years Under
<b>K</b>	21	(28)	(21)	(11)	46	(2)	(6)	16	(27)	0	1	(2)	8	(3)	(9)	(30)	(17)	16	(5)	20	(17)	22	(19)	13	7	<b>13.8</b>	13	<b>11</b>	<b>0</b>	<b>15</b>
<b>1</b>	(8)	2	9	7	0	17	0	2	(1)	(8)	(3)	1	1	1	1	(5)	6	(3)	0	0	4	3	1	(10)	(9)	<b>3.5</b>	9	<b>14</b>	<b>4</b>	<b>8</b>
<b>2</b>	(10)	(2)	(3)	(2)	18	(1)	(8)	(6)	(4)	2	15	9	(10)	(3)	(12)	(1)	14	1	8	(5)	(5)	0	(3)	16	(12)	<b>5.5</b>	2	<b>9</b>	<b>1</b>	<b>16</b>
<b>3</b>	(3)	1	6	6	13	(4)	2	(11)	(6)	1	10	(1)	0	(3)	(4)	(17)	2	1	3	12	6	1	(8)	(13)	12	<b>4.8</b>	3	<b>15</b>	<b>1</b>	<b>10</b>
<b>4</b>	0	4	(6)	3	6	0	(8)	(2)	2	(1)	12	(4)	0	1	(5)	1	(1)	(9)	1	(4)	4	(6)	2	2	(8)	<b>3.0</b>	(5)	<b>11</b>	<b>3</b>	<b>12</b>
<b>5</b>	0	1	(3)	2	6	(3)	(3)	2	1	(1)	3	2	3	(2)	(5)	1	1	(6)	(3)	7	6	(10)	(6)	(5)	8	<b>3.2</b>	6	<b>14</b>	<b>1</b>	<b>11</b>
<b>K - 5</b>	<b>0</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>17.6</b>	<b>28</b>	<b>13</b>	<b>2</b>	<b>11</b>
<b>6</b>	4	(5)	(1)	(5)	2	4	(8)	3	1	(1)	(3)	(1)	(3)	2	(4)	(3)	(7)	2	10	(1)	5	(6)	3	(8)	(15)	<b>3.6</b>	9	<b>11</b>	<b>0</b>	<b>15</b>
<b>7</b>	0	3	(5)	0	5	(11)	5	10	0	(5)	3	(6)	(5)	(3)	(5)	5	1	1	(8)	9	4	(3)	(2)	9	(5)	<b>3.5</b>	(8)	<b>11</b>	<b>3</b>	<b>12</b>
<b>8</b>	(4)	(1)	(6)	0	2	5	1	0	1	0	4	3	(1)	1	(7)	5	2	(6)	2	(3)	2	(1)	11	(2)	5	<b>2.7</b>	1	<b>13</b>	<b>3</b>	<b>10</b>
<b>6 - 8</b>	<b>0</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>5.6</b>	<b>2</b>	<b>10</b>	<b>2</b>	<b>14</b>
<b>9</b>	2	6	(7)	1	6	5	(3)	6	(2)	(12)	(19)	(8)	20	0	1	(2)	(2)	(4)	(3)	12	12	(7)	(1)	5	14	<b>5.5</b>	2	<b>13</b>	<b>1</b>	<b>12</b>
<b>10</b>	(1)	2	(2)	6	6	(5)	(5)	0	(7)	0	9	3	(5)	3	(5)	6	(7)	1	9	(1)	3	(2)	(3)	(5)	8	<b>3.3</b>	(4)	<b>11</b>	<b>2</b>	<b>13</b>
<b>11</b>	9	(13)	(2)	7	0	(2)	(2)	10	1	1	(11)	(2)	6	1	(3)	(4)	(4)	4	(4)	2	5	(4)	(1)	8	2	<b>3.8</b>	1	<b>13</b>	<b>1</b>	<b>12</b>
<b>12</b>	3	7	3	2	(3)	(4)	1	5	(3)	(2)	(1)	2	(5)	5	7	2	(1)	(1)	0	3	0	(3)	(3)	(2)	0	<b>2.7</b>	4	<b>13</b>	<b>3</b>	<b>10</b>
<b>9 - 12</b>	<b>13</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>9.3</b>	<b>3</b>	<b>14</b>	<b>2</b>	<b>10</b>
<b>K - 12</b>	<b>13</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>24.8</b>	<b>33</b>	<b>12</b>	<b>1</b>	<b>13</b>

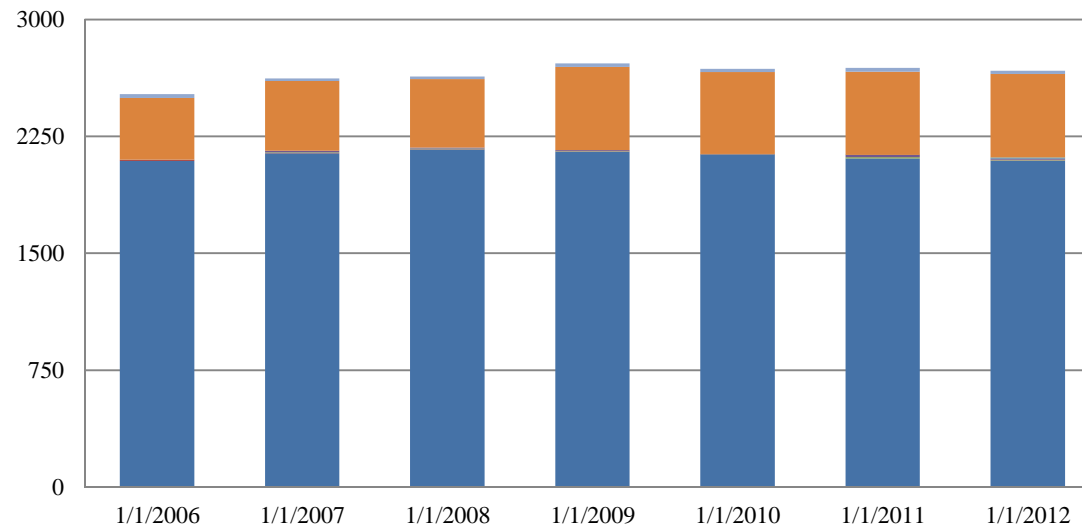
Negative numbers represent the actual enrollment was under projected

Positive numbers represent the actual enrollment was over projected



Weston School Age Children  
School Placement

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



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

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

**Weston Public Schools  
Weston, Massachusetts**

**Enrollment Report  
Table F**

**Course Sections Above 25 and Under 12 in Size**

Classes Over 25 as of September 24, 2012

Core Courses

HS	32101 H Geometry	(1 of 4)	26	All
	32103 H Geometry	(1 of 4)	26	All
	35202 Precalc II	(1 of 3)	26	All
	61301 French Nov I/II	(1 of 1)	26	All
	67901 Spanish Int II	(1 of 3)	27	All
	67902 Spanish Int II	(1 of 3)	26	All
	67903 Spanish Int II	(1 of 3)	27	All
	64901 AP / Honors French	(1 of 1)	30	All

Electives

HS	77001 Concert Band	(1 of 1)	57	All
	77101 Wind Ensemb	(1 of 1)	49	All
	77501 Orchestra	(1 of 1)	32	All
	77701 Chamber Orchestra	(1 of 1)	26	All
	78501 Chorus	(1 of 3)	42	All
	78502 Chorus	(1 of 3)	41	All
	78503 Chorus	(1 of 3)	48	All
	79501 Con Choir	(1 of 1)	37	All
	98004 Health 9A	(1 of 10)	26	Q2
	98104 Health 9B	(1 of 10)	26	Q4
	98602 Phys Ed 12	(1 of 8)	26	S1
	98604 Phys Ed 12	(1 of 8)	27	S1
	98607 Phys Ed 12	(1 of 8)	29	S1
	98808 Phys Ed 11	(1 of 10)	28	S2
	98904 Phys Ed 10	(1 of 8)	26	S1
	98907 Phys Ed 10	(1 of 8)	26	S1
	99004 Phys Ed 9	(1 of 10)	26	All

Classes Over 25 as of September 24, 2012

Core Courses

MS	18001 Honor Algebra	(1 of 2)	26	All
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Electives

MS	77110 Health 7	(1 of 9)	26	All
	78001 PE 8	(1 of 10)	26	All
	78002 PE 8	(1 of 10)	26	All
	78003 PE 8	(1 of 10)	27	All
	86004 Art 6	(1 of 10)	26	Q4
	86205 Drama 6	(1 of 9)	28	Q1
	86208 Drama 6	(1 of 9)	28	Q4
	86601 Music 6	(1 of 9)	27	Q1
	86602 Music 6	(1 of 9)	28	Q2
	86603 Music 6	(1 of 9)	27	Q3
	86604 Music 6	(1 of 9)	28	Q4
	88303 Scene St 8	(1 of 1)	26	Q3
	90001 Madrigals	(1 of 1)	49	All
	90101 Chorus 6	(1 of 1)	70	All
	90201 Chorus 8	(1 of 1)	67	All
	90301 Chorus 7	(1 of 1)	57	All
	90401 Band 8	(1 of 1)	50	All
	90501 Band 7	(1 of 1)	50	All
	90601 Jazz Band	(1 of 1)	34	All
	90701 Orchestra 7/8	(1 of 1)	33	All
	90801 Band 6	(1 of 1)	64	All
	90901 Str Orch 6	(1 of 1)	27	All

Classes Under 12 as of September 24, 2012

Core Course

HS	25001 Microeconomics	(1 of 1)	10	S1
	35401 Latin V H / AP Latin	(1 of 1)	7	All
	67201 Mandarin Int II	(1 of 1)	11	All
	67401 H Mandarin V	(1 of 1)	10	All

Electives

HS	70201 Art II/ III/ IV	(1 of 2)	10	All
	71212 Photo III	(1 of 2)	11	S2
	77601 Chamber Music	(1 of 2)	6	All
	77602 Chamber Music	(1 of 2)	7	All
	98303 Grade 10 Health	(1 of 10)	11	S2

Classes Under 12 as of September 24, 2012

Core Courses

MS	51101 Latin 7	(1 of 1)	10	All
	58106 Spanish 8	(1 of 5)	10	All
	87603 Des/Con 7	(1 of 8)	8	Q3
	87605 Des/Con 7	(1 of 8)	11	Q1
	88402 Des/Con 8	(1 of 6)	10	Q3

Electives

MS	77006 PE 7	(1 of 9)	11	All
	77108 Health 7	(1 of 9)	9	All

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

Weston High School Section Size Distribution  
Based on October 1, 2012 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	
HS English	1																										
Mean: 20.77	2																										
	3																										
	4																										
	5																										
	6																										
	7																										
	8																										
	9																										
	10																										
	11																										
	12																										
	13																										
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	
HS Social Studies	1																										
Mean: 20.72	2																										
	3																										
	4																										
	5																										
	6																										
	7																										
	8																										
	9																										
	10																										
	11																										
	12																										
	13																										
	14																										
	15																										
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	
HS Mathematics	1																										
Mean: 20.00	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	
HS Science	1																										
Mean: 20.15	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	
HS World Lang	1																										
Mean: 18.68	2																										
	3																										
	4																										
	Median																										

Weston Middle School Section Size Distribution  
Based on October 1, 2012 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
MS English	1																												
Mean: 20.86	2																												
	3																												
	4																												
	5																												
	6																												
	7																												
	8																												
	9																												
MS Social Studies	1																												
Mean: 20.70	2																												
	3																												
	4																												
	5																												
	6																												
	7																												
MS Mathematics	1																												
Mean: 19.82	2																												
	3																												
	4																												
	5																												
	6																												
	7																												
MS Science	1																												
Mean: 20.70	2																												
	3																												
	4																												
	5																												
	6																												
MS World Languages	1																												
Mean: 18.48	2																												
	3																												
	4																												
	5																												
	6																												
Median																													

Section Size Statistics for Certain Departments  
Middle School and High School

Based on October 1, 2012 Enrollments

	03-04 Range	03-04 Median	03-04 Mean	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
<b>Middle School:</b>															
English	15 to 24	21	20.4	14 to 24	21	20.7	16 to 24	21	20.9	16 to 25	21	21.7	17 to 25	23	22.1
Social Studies	14 to 24	21	20.9	15 to 24	20	20.1	17 to 25	21	20.7	16 to 26	21	21.7	15 to 25	22	22.0
Mathematics	12 to 24	20	20.0	9 to 35	21	18.5	9 to 26	19	18.5	15 to 26	19	20.6	14 to 24	22	21.2
World Language	14 to 28	20	20.0	14 to 29	21	19.7	10 to 28	21	20.0	8 to 25	21	17.5	10 to 28	17	18.1
Science	17 to 24	21	20.7	15 to 25	21	20.6	17 to 24	21	20.9	16 to 24	21	21.7	20 to 25	22	22.4

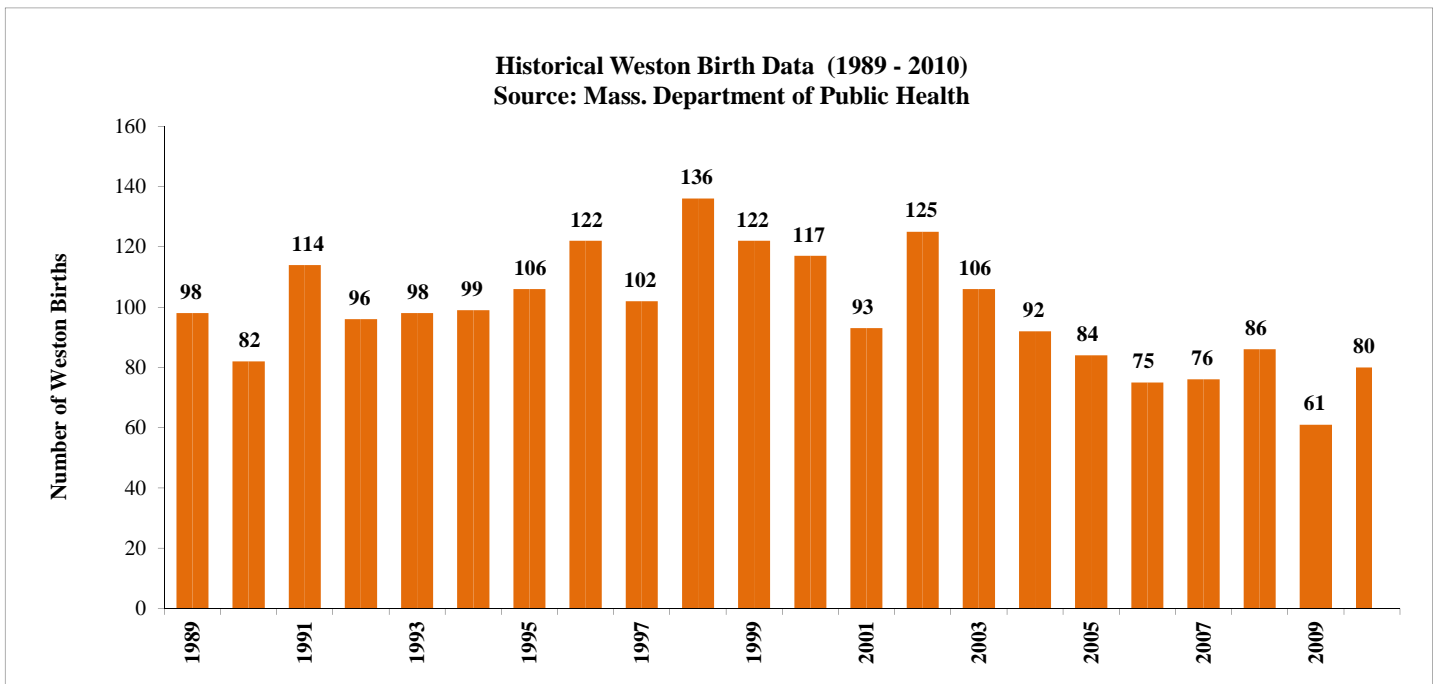
	03-04 Range	03-04 Median	03-04 Mean	04-05 Range	04-05 Median	04-05 Mean	05-06 Range	05-06 Median	05-06 Mean	06-07 Range	06-07 Median	06-07 Mean	07-08 Range	07-08 Median	07-08 Mean
<b>High School:</b>															
English	4 to 25	21	19.7	11 to 25	23	21.7	11 to 26	21	20.3	10 to 25	21	20.3	13 to 25	22	21.1
Social Studies	10 to 25	22	20.6	6 to 26	23	20.3	8 to 25	21	20.0	10 to 25	21	20.8	11 to 25	22	20.8
Mathematics	9 to 25	20	19.1	8 to 27	21	19.4	8 to 27	19	18.6	5 to 25	19	18.5	10 to 25	20	19.3
World Languages	8 to 24	18	18.2	9 to 25	18	18.1	7 to 25	20	18.3	8 to 25	20	18.6	10 to 27	20	19.2
Science	7 to 24	20	19.1	14 to 24	20	18.8	7 to 24	21	20.0	11 to 24	21	20.7	11 to 25	21	20.6

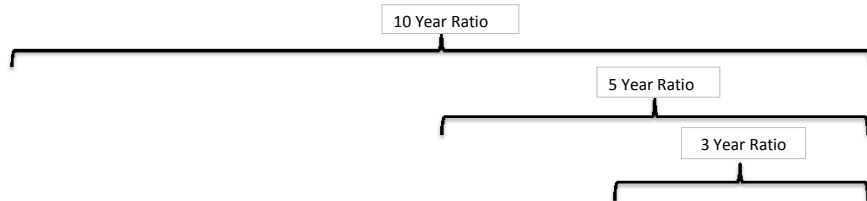
	08-09 Range	08-09 Median	08-09 Mean	09-10 Range	09-10 Median	09-10 Mean	10-11 Range	10-11 Median	10-11 Mean	11-12 Range	11-12 Median	11-12 Mean	12-13 Range	12-13 Median	12-13 Mean
<b>Middle School:</b>															
English	17 to 25	21	21.3	15 to 24	22	20.9	15 to 24	21	20.4	12 to 24	20	19.2	13 to 24	21	20.9
Social Studies	16 to 26	22	21.4	17 to 24	21	21.1	16 to 24	20	20.2	14 to 25	20	19.7	13 to 24	22	20.7
Mathematics	11 to 26	20	20.1	15 to 24	20	20.4	11 to 24	21	19.7	10 to 25	20	19.0	13 to 26	20	19.8
World Language	9 to 27	20	19.7	12 to 25	19	19.1	10 to 27	20	18.3	12 to 23	18	17.2	10 to 25	20	18.5
Science	17 to 25	22	21.6	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

	08-09 Range	08-09 Median	08-09 Mean	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
<b>High School:</b>															
English	8 to 25	22	20.6	13 to 24	20	20.2	11 to 24	20	19.6	13 to 24	22	20.9	15 to 24	22	20.8
Social Studies	9 to 26	21	19.8	13 to 25	21	20.6	11 to 24	21	20.9	11 to 24	22	20.7	10 to 24	22	20.7
Mathematics	10 to 25	20	18.9	12 to 24	19	18.6	11 to 25	20	19.6	9 to 26	19	18.9	13 to 26	20	20
World Languages	9 to 26	19	18.4	11 to 24	19	18.2	11 to 24	18	18.6	9 to 26	19	18.2	7 to 30	19	18.7
Science	12 to 25	20	20.1	13 to 24	21	19.4	14 to 24	19	19.5	11 to 24	21	20.1	13 to 24	20	20.2

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
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
2009														78	81	90
2010															67	79
2011																69
<b>TOTALS</b>	670	685	689	735	741	726	664	616	601	580	496	532	487	513	495	465





Year Weston Birth Data School Year	1989 82 1994/95	1990 114 1995/96	1991 96 1996/97	1992 98 1997/98	1993 99 1998/99	1994 106 1999/00	1995 122 2000/01	1996 102 2001/02	1997 136 2002/03	1998 122 2003/04	1999 117 2004/05	2000 93 2005/06	2001 125 2006/07	2002 106 2007/08	2003 92 2008/09	2004 84 2009/10	2005 75 2010/11	2006 76 2011/12	2007 86 2012/13	10 Year Average Ratios	5 Year Average Ratio	3 Year Average Ratio
Grade K	156	156	159	167	168	177	172	181	160	166	167	138	171	141	155	137	138	137	154	1.47	1.67	1.83
Grade K: Birth Data	1.902	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	1.47	1.67	1.83
Grade 1	159	166	160	166	176	177	186	181	185	173	172	175	146	183	156	167	150	143	156	1.07	1.09	1.09
Grade 1: Grade K		1.064	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	1.07	1.09	1.09
Grade 2	166	159	173	177	181	177	183	182	184	201	180	187	180	151	188	159	180	155	151	1.05	1.04	1.06
Grade 2: Grade 1		1.000	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	1.05	1.04	1.06
Grade 3	178	169	165	188	184	189	183	187	171	188	203	183	200	191	163	190	160	187	161	1.03	1.03	1.03
Grade 3: Grade 2		1.018	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	1.03	1.03	1.03
Grade 4	125	184	174	180	190	191	197	185	193	175	184	206	181	204	189	165	198	165	187	1.01	1.01	1.02
Grade 4: Grade 3		1.034	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	1.01	1.01	1.02
Grade 5	126	128	185	178	184	196	193	196	188	196	171	181	212	188	201	184	165	206	172	1.01	1.01	1.03
Grade 5: Grade 4		1.024	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	1.01	1.01	1.03
Grade 6	136	130	130	185	179	183	198	190	192	179	194	177	179	216	186	205	182	157	213	1.00	1.00	0.99
Grade 6: Grade 5		1.032	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	1.00	1.00	0.99
Grade 7	152	141	130	137	185	177	181	193	193	192	179	186	183	183	217	186	208	190	152	1.00	1.01	1.01
Grade 7: Grade 6		1.037	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	1.00	1.01	1.01
Grade 8	131	151	140	133	140	185	179	176	197	196	187	180	183	184	183	227	186	209	194	1.01	1.02	1.01
Grade 8: Grade 7		0.993	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	1.01	1.02	1.01
Grade 9	104	125	136	117	113	143	174	169	164	185	182	172	179	185	179	178	214	193	207	0.97	0.98	0.99
Grade 9: Grade 8		0.954	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	0.97	0.98	0.99
Grade 10	103	94	120	139	116	106	143	167	171	155	182	187	170	181	185	177	173	209	185	0.99	0.98	0.97
Grade 10: Grade 9		0.904	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	0.99	0.98	0.97
Grade 11	113	105	97	111	136	120	106	139	161	164	155	174	184	171	178	182	181	177	212	0.99	1.01	1.02
Grade 11: Grade 10		1.019	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	0.99	1.01	1.02
Grade 12	120	109	98	93	110	128	120	108	140	160	163	155	177	185	169	175	180	176	178	0.99	0.99	0.99
Grade 12: Grade 11		0.965	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	0.99	0.99	0.99
Grade K - Grade 3	659	650	657	698	709	720	724	731	700	728	722	683	697	666	662	653	628	622	622	668	637	624
Grade 4 - Grade 8	670	734	759	813	878	932	948	940	963	938	915	930	938	975	976	967	939	927	918	942	945	928
Grade K - Grade 3	659	650	657	698	709	720	724	731	700	728	722	683	697	666	662	653	628	622	622	668	637	624
Grade 4 - Grade 5	251	312	359	358	374	387	390	381	381	371	355	387	393	392	390	349	363	371	359	373	366	364
Grade 6 - Grade 8	419	422	400	455	504	545	558	559	582	567	560	543	545	583	586	618	576	556	559	569	579	564
Grade 9 - Grade 12	440	433	451	460	475	497	543	583	636	664	682	688	710	722	711	712	748	755	782	717	742	762
Grade K - Grade 12	1769	1817	1867	1971	2062	2149	2215	2254	2299	2330	2319	2301	2345	2363	2349	2332	2315	2304	2322	2,328	2,324	2,314

\*\* 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  
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Enrollment Report  
Table K

Year		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Weston Birth Data	Multiplier	75	76	86	61	80	80	80	80	80	80	80	80	80	80
School Year	3 year ratio	2010/11	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
Grades															
			Actual												
Grade K	1.83	138	137	154	146	146	146	146	146	146	146	146	146	146	146
Grade 1	1.09	150	143	156	168	159	159	159	159	159	159	159	159	159	159
Grade 2	1.06	180	155	151	165	177	168	168	168	168	168	168	168	168	168
Grade 3	1.03	160	187	161	155	169	182	172	173	173	173	173	173	173	173
Grade 4	1.02	198	166	187	165	159	174	187	176	177	177	177	177	177	177
Grade 5	1.03	165	205	172	192	170	164	179	192	181	182	182	182	182	182
Grade 6	0.99	182	157	213	171	191	169	163	178	191	180	181	181	181	181
Grade 7	1.01	208	190	152	215	173	193	171	164	180	193	182	183	183	183
Grade 8	1.01	186	209	194	153	217	174	195	172	166	181	195	184	185	185
Grade 9	0.99	214	193	207	192	151	214	172	193	170	164	179	192	182	182
Grade 10	0.97	173	209	185	201	186	147	208	167	187	165	159	173	186	176
Grade 11	1.02	181	177	212	189	205	189	150	212	170	190	168	162	177	190
Grade 12	0.99	180	176	178	210	187	202	187	148	210	168	188	166	160	175
<b>Total</b>		<b>2,315</b>	<b>2,304</b>	<b>2,322</b>	<b>2,321</b>	<b>2,290</b>	<b>2,281</b>	<b>2,256</b>	<b>2,248</b>	<b>2,277</b>	<b>2,247</b>	<b>2,257</b>	<b>2,247</b>	<b>2,259</b>	<b>2,278</b>
Grade K - Grade 3		628	622	622	633	651	655	646	646	646	646	646	646	646	646
Grade 4 - Grade 5		363	371	359	357	329	337	365	369	359	359	359	359	359	359
Grade 6 - Grade 8		576	556	559	540	581	536	528	514	536	555	558	548	549	549
Grade 9 - Grade 12		748	755	782	790	728	753	717	719	736	687	693	693	705	723

10 Year Average Enrollment	5 Year Average Enrollment	3 Year Average Enrollment
1.47	1.67	1.83
1.07	1.09	1.09
1.05	1.04	1.06
1.03	1.03	1.03
1.01	1.01	1.02
1.01	1.01	1.03
1.00	1.00	0.99
1.00	1.01	1.01
1.01	1.02	1.01
0.97	0.98	0.99
0.99	0.98	0.97
0.99	1.01	1.02
0.99	0.99	0.99



**Weston Public Schools  
Weston, Massachusetts**

**Enrollment Report  
Table L**

**SY'11-12 Actual Resident vs. NESDEC Enrollment Proj.**

	<b>SY'12-13 Actual</b>	<b>SY'12-13 NESDEC</b>	<b>Variance (Act. - NESDEC)</b>
Kindergarten	136	130	6
Grade 1	139	133	6
Grade 2	132	128	4
Grade 3	143	140	3
Grade 4	171	177	-6
Grade 5	155	148	7
Grade 6	199	192	7
Grade 7	136	143	-7
Grade 8	179	178	1
Grade 9	195	192	3
Grade 10	171	175	-4
Grade 11	190	191	-1
Grade 12	164	159	5
Total	2110	2086	24

<b>Building Permits Issued</b>		
<b>Year</b>	<b>Permits Issued for New Construction</b>	<b>Permits Issued for Additions and/or Renovations</b>
2011	31	157
2010	26	142
2009	23	106
2008	37	202
2007	41	217
2006	24	201
2005	52	258
2004	36	184
2003	27	195
2002	27	169
2001	45	152
2000	37	167
1999	27	226
1998	32	233
1997	38	246
1996	62	242
1995	28	231

<b>Age Distribution of Residents</b>		
<b>Year of Birth</b>	<b>Count of Residents</b>	<b>Approximate Age</b>
Pre-1920	92	91+
1921-1930	442	81-90
1931-1940	768	71-80
1941-1950	1196	61-70
1951-1960	1776	51-60
1961-1970	1846	41-50
1971-1980	739	31-40
1981-1990	1002	21-30
1991-2000	2226	11-20
2001-2010	1468	1-10
2011 - Present	109	0-1
Total	11,664	