

CYNTHIA D. MAHR  
DIRECTOR OF  
FINANCE AND OPERATIONS

TO: Cheryl Maloney  
Weston School Committee

FROM: Cynthia D. Mahr

DATE: October 12, 2008

RE: 2008-2009 Enrollment Report and Projections

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The school year 2008-2009 enrollment report has been divided into three sections. The first section provides the October 1 enrollment data in terms of historical information as well as in relation to previous 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 to develop enrollment projections for future years.

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

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

Overall, we are 16 students below our projection and 14 students below the October 1, 2007 count. The significant variances in the projection figures are apparent in Grades K and 5. Based on the spike in enrollment in Kindergarten this year, an eighth section was added at Woodland School.

#### **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, 91.6%. In addition, there are 165 METCO students (7.0%) and 32 children of faculty and staff (1.4%). Over the last 10 years, Weston's enrollment has grown by 287 students. The breakout of this growth includes an additional 289 resident students, an additional 9 METCO students, and a reduction of 11 students of faculty and staff.

#### **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 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 16 students. The significant variances in the projection figures are apparent in Grades K and 5. In Kindergarten, the projection was under-projected by 22 students. The projections for Grade 4, 5, 6, and 9 were over-projected by 6, 10, 6 and 7 respectively.

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

Each year, private schools report the number of Weston residents enrolled in their school. Massachusetts private schools must report student names, age and residence to the Superintendent of Schools of the town where the child resides within 30 days of enrollment or discharge. Based on this data, a report is filed with the Massachusetts Department of Education each January. During the past two years, the Business Office and Town Clerk’s Office have been working collaboratively to improve the accuracy of the data. Although we have cleaned up this process, additional work is necessary to refine the process.

Historically, Weston’s school-aged children enrolled in private schools range between 15% and 19% of total enrollments. These numbers do not reflect the special education students in residential placements. In school year 2008-2009, 18.6% of Weston resident children are enrolled in private school.

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

**Table F: Course Sections Above 25 and Under 10 in Size**

Based on a review of the Middle and High Schools course selection list as of September 29, 2008, a number of courses have enrollments in excess of 25 students and a few courses with less than 10 students.

At the High School, classes in excess of 25 students are, for the majority, not core subject areas. 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 guideline cap. The High School has eight courses under 10 students.

The Middle School courses in excess of 25 students are reflected in various courses across many disciplines (art, music, physical education, foreign language, social studies and math). The Middle School has two courses with an enrollment of 10 students or less as indicated in Table F.

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 Middle and High Schools.

Table G analyzes the section size distribution for the Middle 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 27 students per section. In addition, the World Language conducts more classes with 17 or fewer students than the other core subjects.

Table H analyzes the section size distribution for the High School. The High School distribution is similar to the Middle School. For instance, the High School has 8 courses with 10 or fewer students enrolled compared to 2 at the Middle School.

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 1998-1999 through the present. As the table indicates, the historical data has been consistent. Median values range from 17 to 23 over the past two years. The mean values range from 18.1 to 22.4 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 increased slightly.

The second table provides historical data on the total number of births by Weston residents from 1970 to the present. The Town Clerk’s office, as well as the Massachusetts Department of Public Health (DPH) provides this data.

**Table K: Kindergarten Projection**

**Table L: K-12 Enrollment History and Projections as of October 1, 2007**

Table K details the enrollment projection methodology for Kindergarten. This spreadsheet calculates the ratio of Weston birth data to actual kindergarten enrollments from school year 1993-1994 through the present. Three ratios are then developed: 10-year, 5-year and 3-year. Below are the projected Kindergarten enrollments based on the application of the three differing ratios:

Ratio	Projected Enrollment
10-year (1.45)	133
5-year (1.45)	133
3-year (1.45)	133

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. This method of projecting Kindergarten enrollments has not been reliable. Therefore, I have prepared the ratio data for reference, but am proposing using a straight 3-year average to project the school year 2009-2010 Kindergarteners. The implementation of full day kindergarten may have been a factor in our enrollment spike compared to the projection. In speaking with the Principals, there is a belief that our kindergarten enrollment will continue on the 150’s for the next few years. This information is based on conversations with the parent community. The enrollment projections for Grade 1 to Grade 12 are based on historical cohort changes. The Town Clerk’s office provides the census data. Below are the projected Kindergarten enrollments based on a straight average:

Average	Projected Enrollment
10-year	163
5-year	154
3-year	156

Based on historical data and discussions with Principals regarding the impact of full day kindergarten, I recommend utilizing the 3-year straight average, rather than the birth cohort model, for the school year 2009-2010 projected enrollment figure.

Table L provides the projection methodology for the Grade 1 to Grade 12 enrollments. Historical cohort variances are applied to the October 1 enrollment data to calculate a projection for the future years. Table L recommends an overall enrollment projection of 2,361 or an increase of 12 students.

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

### **Additional Information**

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

#### **Table N: Actual SY08-09 Enrollment versus NESDEC Projections**

Table M shows the year of birth and age of the current residents in Weston. There are currently 1,649 residents aged 67 and older. There are 3,809 or 34%, individuals between the age of 27 and 56. 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 the past 12 years.

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. Table N

Table N provides a review of the actual resident data versus the NESDEC projection. As this table indicates, the NESDEC projection was slightly higher than the actual enrollment of residents as of October 1, 2008 by 11 students.

Quality data is key to accurate enrollment projection. Since much of our data is obtained through the Town Clerk's office, we continue to discuss ways the School Department can assist the Town Clerk's office in obtaining information, especially census data, in a more expediently and accurate basis.

### **Summary**

In summary, the school year 2008-2009 enrollments reflect an overall decrease in the number of students attending Weston Public Schools. Grades 5 and 9 experienced the largest decreases compared to the projections.

The school year 2009 – 2010 enrollment projection is 2,361 students in Kindergarten through Grade 12. This represents a decrease of 12 students from the October 1, 2008 count. The Kindergarten projection is 156 students. This represents an increase of 1 student from the current enrollment of 155 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 2008-2009 Enrollment Report and vote to adopt Table L: K-12 Enrollment History and Projection for the Fiscal Year 2010 budgeting purposes.

Attachments

Cc: Amber Bock, Asst. Superintendent

K-12 Enrollment Report  
Based on October 1, 2008 Enrollments

Grade	2007-08 Actual	2008-09 Projected	2008-09 Actual as of October 1, 2008	Difference from Projection	% Difference from Projection	Projected Cohort Change	Actual Cohort Change	2008-09 Class Size Avg	Class Size Range	Class Size Target
K	141	133	155	22	16.5%			19.4	17 - 21	19
1	183	153	156	3	2.0%	12	15	19.5	17 - 21	19
2	151	188	188	0	0.0%	5	5	20.9	18 - 22	20
3	191	162	163	1	0.6%	11	12	20.4	18 - 22	20
<b>Sub-total</b>	<b>666</b>	<b>636</b>	<b>662</b>	<b>26</b>	<b>4.1%</b>					
4	204	195	189	(6)	-3.1%	4	(2)	21.0	20 - 24	22
5	188	211	201	(10)	-4.7%	7	(3)	20.1	20 - 24	22
<b>Sub-total</b>	<b>392</b>	<b>406</b>	<b>390</b>	<b>(16)</b>	<b>-3.9%</b>					
<b>K-5 Total</b>	<b>1,058</b>	<b>1,042</b>	<b>1,052</b>	<b>10</b>	<b>1.0%</b>					
6	216	192	186	(6)	-3.1%	4	(2)	20.7		
7	183	220	217	(3)	-1.4%	4	1	21.7		
8	184	184	183	(1)	-0.5%	1	0	22.9		
<b>MS Total</b>	<b>583</b>	<b>596</b>	<b>586</b>	<b>(10)</b>	<b>-1.7%</b>					
9	185	186	179	(7)	-3.8%	2	(5)			
10	181	187	185	(2)	-1.1%	2	0			
11	171	182	178	(4)	-2.2%	1	(3)			
12	185	172	169	(3)	-1.7%	1	(2)			
<b>HS Total</b>	<b>722</b>	<b>727</b>	<b>711</b>	<b>(16)</b>	<b>-2.2%</b>					
<b>Grade 6 - Grade 12 Total</b>	<b>1,305</b>	<b>1,323</b>	<b>1,297</b>	<b>(26)</b>	<b>-2.0%</b>					
<b>Grade K - Grade 12 Total</b>	<b>2,363</b>	<b>2,365</b>	<b>2,349</b>	<b>(16)</b>	<b>-0.7%</b>					

Elementary Breakout	K	1	2	3	Total
Country	78	80	105	82	345
Woodland	77	76	83	81	317
<b>Total</b>	<b>155</b>	<b>156</b>	<b>188</b>	<b>163</b>	<b>662</b>

**K-12 Enrollment Report**  
**Based on October 1, 2008 Enrollments**  
**Distribution by Residency**

Grade	2008-09 Actual as of October 1, 2008	Residents	Exchange	Percent Residents and Exchange	METCO	Percent METCO	Children of Faculty & Staff	Percent Faculty & Staff
K	155	140		90.3%	14	9.0%	1	0.6%
1	156	137		87.8%	15	9.6%	4	2.6%
2	188	174		92.6%	14	7.4%	0	0.0%
3	163	143		87.7%	17	10.4%	3	1.8%
<b>Sub-total</b>	<b>662</b>	<b>594</b>		<b>89.7%</b>	<b>60</b>	<b>9.1%</b>	<b>8</b>	<b>1.2%</b>
4	189	171		90.5%	16	8.5%	2	1.1%
5	201	189		94.0%	11	5.5%	1	0.5%
<b>Sub-total</b>	<b>390</b>	<b>360</b>		<b>92.3%</b>	<b>27</b>	<b>6.9%</b>	<b>3</b>	<b>0.8%</b>
<b>K-5 Total</b>	<b>1,052</b>	<b>954</b>		<b>90.7%</b>	<b>87</b>	<b>8.3%</b>	<b>11</b>	<b>1.0%</b>
6	186	171		91.9%	13	7.0%	2	1.1%
7	217	194		89.4%	20	9.2%	3	1.4%
8	183	170		92.9%	12	6.6%	1	0.5%
<b>MS Total</b>	<b>586</b>	<b>535</b>		<b>91.3%</b>	<b>45</b>	<b>7.7%</b>	<b>6</b>	<b>1.0%</b>
9	179	164		91.6%	11	6.1%	4	2.2%
10	185	171		92.4%	7	3.8%	7	3.8%
11	178	170		95.5%	7	3.9%	1	0.6%
12	169	158		93.5%	8	4.7%	3	1.8%
<b>HS Total</b>	<b>711</b>	<b>663</b>		<b>93.2%</b>	<b>33</b>	<b>4.6%</b>	<b>15</b>	<b>2.1%</b>
<b>6-12 Total</b>	<b>1,297</b>	<b>1,198</b>	<b>0</b>	<b>92.4%</b>	<b>78</b>	<b>6.0%</b>	<b>21</b>	<b>1.6%</b>
<b>K-12 Total</b>	<b>2,349</b>	<b>2,152</b>	<b>0</b>	<b>91.6%</b>	<b>165</b>	<b>7.0%</b>	<b>32</b>	<b>1.4%</b>

Weston Public Schools  
Weston, Massachusetts

Enrollment Report  
Table C

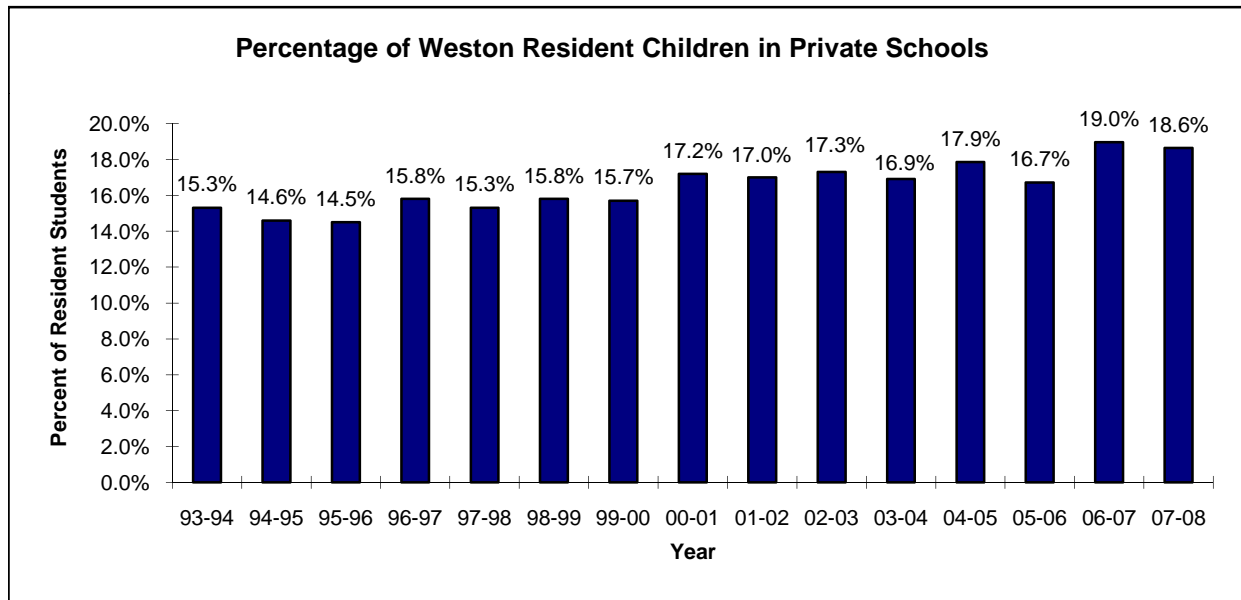
Trend in Enrollment Distribution by Residency as of October 1, 2008

	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	Total Faculty & Staff Children	
1998-99 #	977	87	19	450	38	16	436	31	8	1,863	156	43	2,062
%	90.2%	8.0%	1.8%	89.3%	7.5%	3.2%	91.8%	6.5%	1.7%	90.3%	7.6%	2.1%	
1999-00 #	1,004	81	22	490	40	15	454	35	8	1,948	156	45	2,149
%	90.7%	7.3%	2.0%	89.9%	7.3%	2.8%	91.3%	7.0%	1.6%	90.6%	7.3%	2.1%	
2000-01 #	1,007	83	24	500	40	18	494	36	13	2,001	159	55	2,215
%	90.4%	7.5%	2.2%	89.6%	7.2%	3.2%	91.0%	6.6%	2.4%	90.3%	7.2%	2.5%	
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%	



Percentage of Weston Resident Children in Private Schools  
(as of October 1, 2007)

Year	Percentage
93-94	15.3%
94-95	14.6%
95-96	14.5%
96-97	15.8%
97-98	15.3%
98-99	15.8%
99-00	15.7%
00-01	17.2%
01-02	17.0%
02-03	17.3%
03-04	16.9%
04-05	17.9%
05-06	16.7%
06-07	19.0%
07-08	18.6%



Weston Public Schools  
Weston, Massachusetts

Enrollment Report  
Table D

October 1 Fluctuations From Projected Enrollments

GRADE	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Mean Diff (Regardless of Sign)	2008	Years Over	Years Even	Years Under
<b>K</b>	19	(3)	21	(28)	(21)	(11)	46	(2)	(6)	16	(27)	0	1	(2)	8	(3)	(9)	(30)	(17)	16	(5)	20	(17)	<b>14.3</b>	22	<b>9</b>	<b>1</b>	<b>14</b>
<b>1</b>	1	(10)	(8)	2	9	7	0	17	0	2	(1)	(8)	(3)	1	1	1	1	(5)	6	(3)	0	0	4	<b>3.9</b>	3	<b>13</b>	<b>4</b>	<b>7</b>
<b>2</b>	4	(2)	(10)	(2)	(3)	(2)	18	(1)	(8)	(6)	(4)	2	15	9	(10)	(3)	(12)	(1)	14	1	8	(5)	(5)	<b>6.4</b>	0	<b>8</b>	<b>1</b>	<b>15</b>
<b>3</b>	8	(2)	(3)	1	6	6	13	(4)	2	(11)	(6)	1	10	(1)	0	(3)	(4)	(17)	2	1	3	12	6	<b>5.3</b>	1	<b>14</b>	<b>1</b>	<b>9</b>
<b>4</b>	2	(9)	0	4	(6)	3	6	0	(8)	(2)	2	(1)	12	(4)	0	1	(5)	1	(1)	(9)	1	(4)	4	<b>3.7</b>	(6)	<b>10</b>	<b>3</b>	<b>11</b>
<b>5</b>	(6)	2	0	1	(3)	2	6	(3)	(3)	2	1	(1)	3	2	3	(2)	(5)	1	1	(6)	(3)	7	6	<b>3.0</b>	(10)	<b>13</b>	<b>1</b>	<b>10</b>
<b>K - 5</b>	<b>28</b>	<b>(24)</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>19.1</b>	<b>10</b>	<b>12</b>	<b>2</b>	<b>10</b>
<b>6</b>	(1)	3	4	(5)	(1)	(5)	2	4	(8)	3	1	(1)	(3)	(1)	(3)	2	(4)	(3)	(7)	2	10	(1)	5	<b>3.4</b>	(6)	<b>10</b>	<b>0</b>	<b>14</b>
<b>7</b>	2	2	0	3	(5)	0	5	(11)	5	10	0	(5)	3	(6)	(5)	(3)	(5)	5	1	1	(8)	9	4	<b>4.3</b>	(3)	<b>12</b>	<b>3</b>	<b>9</b>
<b>8</b>	(2)	(1)	(4)	(1)	(6)	0	2	5	1	0	1	0	4	3	(1)	1	(7)	5	2	(6)	2	(3)	2	<b>2.6</b>	(1)	<b>11</b>	<b>3</b>	<b>10</b>
<b>6 - 8</b>	<b>(1)</b>	<b>4</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>5.4</b>	<b>(10)</b>	<b>9</b>	<b>2</b>	<b>13</b>
<b>9</b>	2	(9)	2	6	(7)	1	6	5	(3)	6	(2)	(12)	(19)	(8)	20	0	1	(2)	(2)	(4)	(3)	12	12	<b>6.3</b>	(7)	<b>11</b>	<b>1</b>	<b>12</b>
<b>10</b>	(1)	(9)	(1)	2	(2)	6	6	(5)	(5)	0	(7)	0	9	3	(5)	3	(5)	6	(7)	1	9	(1)	3	<b>4.2</b>	(2)	<b>10</b>	<b>2</b>	<b>12</b>
<b>11</b>	(4)	1	9	(13)	(2)	7	0	(2)	(2)	10	1	1	(11)	(2)	6	1	(3)	(4)	(4)	4	(4)	2	5	<b>4.3</b>	(4)	<b>11</b>	<b>1</b>	<b>12</b>
<b>12</b>	(3)	2	3	7	3	2	(3)	(4)	1	5	(3)	(2)	(1)	2	(5)	5	7	2	(1)	(1)	0	3	0	<b>2.8</b>	(3)	<b>12</b>	<b>2</b>	<b>10</b>
<b>9 - 12</b>	<b>(6)</b>	<b>(15)</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>9.3</b>	<b>(16)</b>	<b>11</b>	<b>2</b>	<b>11</b>
<b>K - 12</b>	<b>21</b>	<b>(35)</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>27.2</b>	<b>(16)</b>	<b>10</b>	<b>1</b>	<b>13</b>

**Weston Public Schools  
Weston, Massachusetts**

**Enrollment Report  
Table F**

**Course Sections Above 25 and Under 10 in Size**

<u>Classes Over 25 as of 9/29/08</u>				<u>Classes Over 25 as of 9/29/08</u>			
HS	77002 Concert Band	(1 of 1)	72	MS	18102 Honors Algebra	(1 of 4)	26
	77101 Wind Ensemb	(1 of 1)	66		38103 Social Studies 8	(1 of 8)	26
	78501 Chorus	(1 of 3)	44		56102 Spanish 6	(1 of 8)	27
	78502 Chorus	(1 of 3)	51		56108 Spanish 6	(1 of 8)	27
	78503 Chorus	(1 of 3)	42		57001 French 7	(1 of 1)	26
	79501 Concert Choir	(1 of 1)	44		76001 Phys. Ed. 6	(1 of 10)	28
	82002 Guid Seminar	(1 of 9)	26		76008 Phys. Ed. 6	(1 of 10)	28
	98308 Gr. 10 Health	(1 of 9)	30		77006 Phys. Ed 7	(1 of 9)	27
	98602 Phys Ed 12	(1 of 8)	29		77001 Phys. Ed 7	(1 of 9)	28
	98803 Phys Ed 11	(1 of 8)	27		77007 Phys. Ed 7	(1 of 9)	29
	98808 Phys Ed 11	(1 of 8)	26		77005 Phys. Ed 7	(1 of 9)	30
					77112 Health 7	(1 of 11)	26
					86207 Drama	(1 of 10)	27
					86607 Music	(1 of 10)	26
					87006 Art 7	(1 of 8)	26
					87001 Art 7	(1 of 8)	28
					87201 Drama 7	(1 of 10)	29
					87206 Drama 7	(1 of 10)	32
					87406 Robotics 7	(1 of 8)	27
					87401 Robotics 7	(1 of 8)	28
					90001 Madrigals	(1 of 1)	45
					90101 Chorus 6	(1 of 1)	69
					90201 Chorus 7	(1 of 1)	67
					90301 Chorus 8	(1 of 1)	84
					90401 Band 7	(1 of 1)	73
					90501 Band 8	(1 of 1)	44
					90601 Jazz Band	(1 of 1)	29
					90701 Orchestra 7/8	(1 of 1)	38
					90801 Band 6	(1 of 1)	69
					90901 String Orchestra	(1 of 1)	26
<u>Under 10 as of 9/29/08</u>				<u>Under 10 as of 9/29/08</u>			
HS	12806 Speech	(1 of 9)	8	MS	56105 Spanish 6	(1 of 8)	9
	21005 World History	(1 of 5)	9		76009 Phys. Ed. 6	(1 of 10)	9
	21804 US History	(1 of 4)	9				
	24102 AP European History	(1 of 2)	9				
	32601 Intermediate Geometry	(1 of 1)	6				
	64901 AP French	(1 of 1)	9				
	71901 Digital II	(1 of 1)	9				
	98402 Junior Health Seminar	(1 of 9)	9				

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

Middle School Section Size Distribution  
Based on October 1, 2008 Enrollments

	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
Department	No. of Sections																								
MS English	1																								
Mean: 21.3	2																								
	3																								
	4																								
	5																								
	6																								
	7																								
	8																								
	9																								
	10																								
MS Social Studies	1																								
Mean: 21.4	2																								
	3																								
	4																								
	5																								
	6																								
	7																								
	8																								
	9																								
MS Mathematics	1																								
Mean: 20.1	2																								
	3																								
	4																								
	5																								
	6																								
	7																								
	8																								
	9																								
MS Science	1																								
Mean: 21.6	2																								
	3																								
	4																								
	5																								
	6																								
	7																								
	8																								
	9																								
MS World Lang	1																								
Mean: 19.7	2																								
	3																								
	4																								
	5																								
	6																								
	7																								
	8																								
	9																								
	Median																								

Weston High School Section Size Distribution  
Based on October 1, 2008 Enrollments

Department	Section Size	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
	No. of Sections																												
HS English	1								■			■			■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Mean: 20.6	2														■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	3																							■	■	■	■	■	■
	4																												
	5																												
	6																												
	7																												
	8																												
	9																												
	10																												
	11																												
	12																												
	13																												
	14																												
	15																												
HS Social Studies	1								■			■			■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Mean: 19.8	2																												
	3																												
	4																												
	5																												
	6																												
	7																												
	8																												
	9																												
HS Mathematics	1																												
Mean: 18.9	2																												
	3																												
	4																												
	5																												
	6																												
	7																												
	8																												
	9																												
HS Science	1																												
Mean: 20.1	2																												
	3																												
	4																												
	5																												
	6																												
	7																												
	8																												
	9																												
HS World Languages	1																												
Mean: 18.4	2																												
	3																												
	4																												
	5																												
	6																												
	7																												
	8																												
	9																												
	Median	■																											

Section Size Statistics for Certain Departments  
Middle School and High School

Based on October 1, 2008 Enrollments

	99-00 Range	99-00 Median	99-00 Mean	00-01 Range	00-01 Median	00-01 Mean	01-02 Range	01-02 Median	01-02 Mean	02-03 Range	02-03 Median	02-03 Mean	03-04 Range	03-04 Median	03-04 Mean
<b>Middle School:</b>															
English	12 to 27	23	22.5	17 to 26	22	22.0	13 to 26	21	21.2	13 to 26	22	21.3	15 to 24	21	20.4
Social Studies	16 to 28	22	22.7	17 to 26	23	22.3	13 to 26	22	21.5	12 to 27	22	21.2	14 to 24	21	20.9
Mathematics	15 to 28	24	22.7	12 to 25	21	20.6	12 to 26	21	20.5	9 to 27	21	20.6	12 to 24	20	20
World Language	9 to 29	22	21.3	11 to 27	20	19.3	8 to 28	19	18.5	11 to 26	22	18.3	14 to 28	20	20
Science	18 to 27	23	22.7	16 to 26	23	22.3	17 to 25	22	21.5	14 to 25	23	21.3	17 to 24	21	20.7

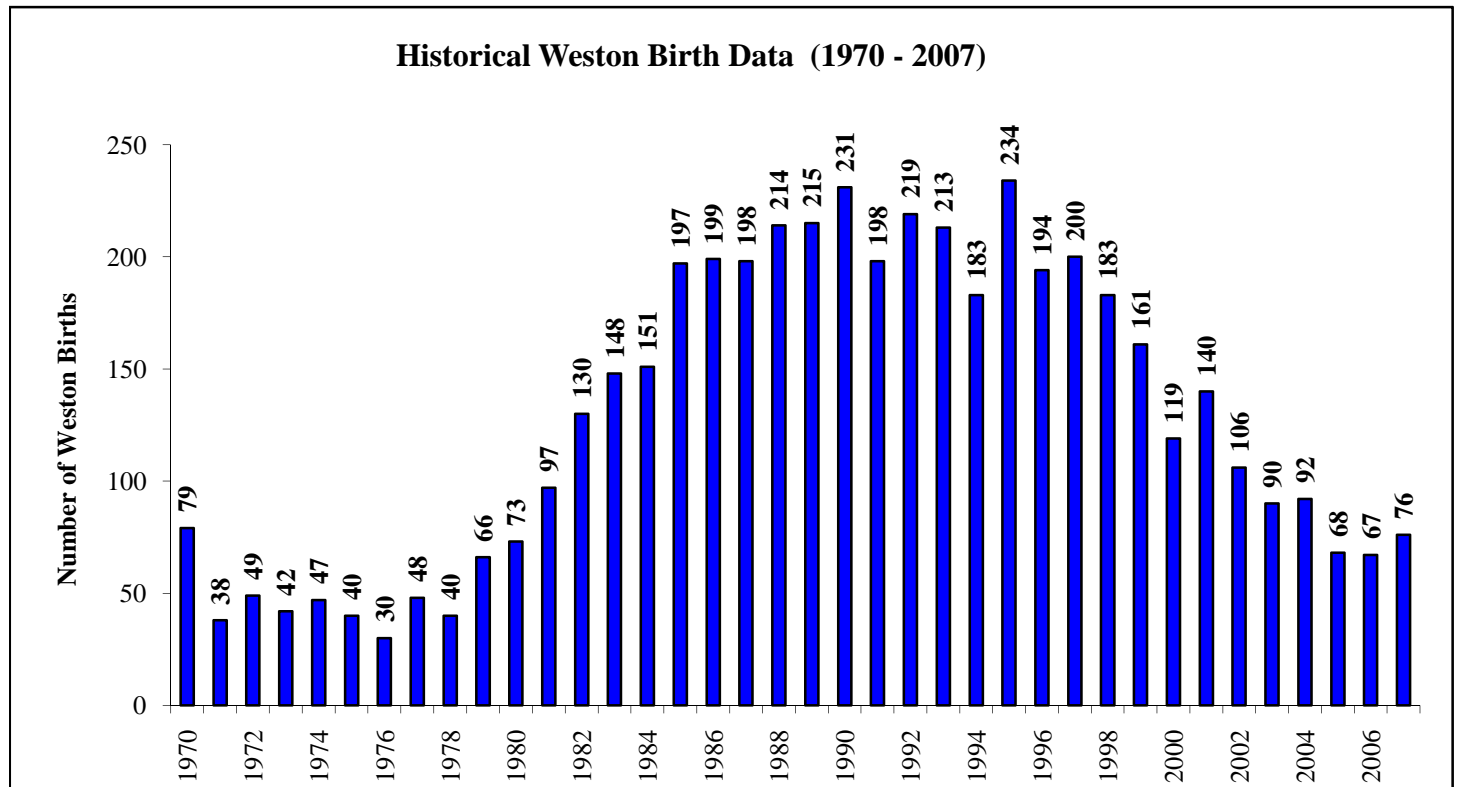
	99-00 Range	99-00 Median	99-00 Mean	00-01 Range	00-01 Median	00-01 Mean	01-02 Range	01-02 Median	01-02 Mean	02-03 Range	02-03 Median	02-03 Mean	03-04 Range	03-04 Median	03-04 Mean
<b>High School:</b>															
English	6 to 32	19	18.4	10 to 27	21	19.8	4 to 26	20	19.5	12 to 28	21	20.4	4 to 25	21	19.7
Social Studies	9 to 27	21	20	6 to 26	23	21.9	15 to 26	21	20.4	6 to 25	21	20	10 to 25	22	20.6
Mathematics	7 to 30	18	19	8 to 25	20	18.7	10 to 25	19	18.3	10 to 25	18	18.7	9 to 25	20	19.1
World Languages	10 to 25	20	18.9	13 to 27	20	19.8	9 to 25	19	17.9	9 to 25	17	17.9	8 to 24	18	18.2
Science	11 to 24	21	20.2	11 to 24	21	20.4	9 to 24	21	20	12 to 24	21	20.3	7 to 24	20	19.1

	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	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

Census of Residents Age 0- 5 as of January 1

BIRTH YEAR	CENSUS YEAR, JANUARY OF												
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
1991	129												
1992	150	169											
1993	128	134	160										
1994	120	127	135	153									
1995	134	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
2005											68	77	101
2006												67	90
2007													76
<b>TOTALS</b>	661	670	685	689	735	741	726	664	616	601	512	496	532



Weston Public Schools  
Weston, Massachusetts

Enrollment Report  
Table K

10 Year Ratio

5 Year Ratio

3 Year Ratio

Year	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	10 Year Average Ratios	5 Year Average Ratio	3 Year Average Ratio
Weston Birth Data	98	82	114	96	98	99	106	122	102	136	122	117	93	125	106	90			
School Year	1993/94	1994/95	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			
Grade K	147	156	156	159	167	168	177	172	181	160	166	167	138	171	141	155			
Grade K: Birth Data	1.500	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	1.722	1.45	1.45	1.45

Year	Multiplier	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Weston Birth Data		125	106	90	92	68	67	76	89	89	89	89	89
School Year	10 year ratio	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
Grades	1.45	Actual Enrollment											
Grade K		171	141	155	133	99	97	110	129	129	129	129	129

10 Year Average Enrollment	5 Year Average Enrollment	3 Year Average Enrollment
163	154	156

\*\* The Kindergarten projections for school year 2011 through 2018 are based on 89 annual Weston births (average of past 7 years).



Weston Public Schools  
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Table L  
REVISED 12.11.08

K-12 Enrollment History and Projection as of October 1, 2008

Sch year/grade	K	1	2	3	Gr K-3	4	5	Gr 4-5	Gr K-5	6	7	8	Gr 6-8	9	10	11	12	Gr 9-12	Gr 6-12	Gr K-12
y1993-94	147		176		614			253	867				377		105		104	432	809	1676
		12	-1	2		1	3			6	12	-2		0	-3	8	3			
y1994-95	156	159	166	178	659	125	126	251	910	136	152	131	419	104	103	113	120	440	859	1769
		10	0	3		6	3			4	5	-1		-6	-10	2	-4			
y1995-96	156	166	159	169	650	184	128	312	962	130	141	151	422	125	94	105	109	433	855	1817
		4	7	6		5	1			2	0	-1		-15	-5	3	-7			
y1996-97	159	160	173	165	657	174	185	359	1016	130	130	140	400	136	120	97	98	451	851	1867
		7	17	15		15	4			0	7	3		-23	3	-9	-4			
y1997-98	167	166	177	188	698	180	178	358	1056	185	137	133	455	117	139	111	93	460	915	1971
		9	15	7		2	4			1	0	3		-20	-1	-3	-1			
y1998-99	168	176	181	184	709	190	184	374	1083	179	185	140	504	113	116	136	110	475	979	2062
		9	1	8		7	6			-1	-2	0		3	-7	4	-8			
y1999-00	177	177	177	189	720	191	196	387	1107	183	177	185	545	143	106	120	128	497	1042	2149
		9	6	6		8	2			2	-2	2		-11	0	0	0			
y2000-01	172	186	183	183	724	197	193	390	1114	198	181	179	558	174	143	106	120	543	1101	2215
		9	-4	4		2	-1			-3	-5	-5		-10	-7	-4	2			
y2001-02	181	181	182	187	731	185	196	381	1112	190	193	176	559	169	167	139	108	583	1142	2254
		4	3	-11		6	3			-4	3	4		-12	2	-6	1			
y2002-03	160	185	184	171	700	193	188	381	1081	192	193	197	582	164	171	161	140	636	1218	2299
		13	16	4		4	3			-9	0	3		-12	-9	-7	-1			
y2003-04	166	173	201	188	728	175	196	371	1099	179	192	196	567	185	155	164	160	664	1231	2330
		6	7	2		-4	-4			-2	0	-5		-14	-3	0	-1			
y2004-05	167	172	180	203	722	184	171	355	1077	194	179	187	560	182	182	155	163	682	1242	2319
		8	15	3		3	-3			6	-8	1		-15	5	-8	0			
y2005-06	138	175	187	183	683	206	181	387	1070	177	186	180	543	172	187	174	155	688	1231	2301
		8	5	13		-2	6			-2	6	-3		-1	-2	-3	3			
y2006-07	171	146	180	200	697	181	212	393	1090	179	183	183	545	179	170	184	177	710	1255	2345
		12	5	11		4	7			4	4	1		2	2	1	1			
y2007-08	141	183	151	191	666	204	188	392	1058	216	183	184	583	185	181	171	185	722	1305	2363
		15	5	12		-2	-3			-2	1	0		-5	0	-3	-2			
y2008-09	155	156	188	163	662	189	201	390	1052	186	217	183	586	179	185	178	169	711	1297	2349
		11	6	10		0	1			1	2	-1		-4	1	-2	0			
y2009-10	156	166	162	198	683	163	190	354	1036	202	188	216	606	179	180	183	178	719	1325	2361
y2010-11	156	167	173	173	669	198	165	363	1031	191	203	187	581	212	179	177	183	751	1333	2364
y2011-12	156	167	174	183	680	173	200	372	1052	165	193	203	560	183	213	177	177	750	1310	2362
y2012-13	154	167	174	184	679	183	174	357	1036	200	167	192	559	198	183	210	177	769	1328	2364
y2013-14	154	165	174	184	677	184	184	368	1045	175	202	166	543	188	199	181	211	778	1321	2366
y2014-15	154	166	172	184	676	184	185	369	1045	185	176	201	563	162	188	197	181	728	1291	2335
y2015-16	154	165	172	182	674	184	185	369	1043	186	187	176	548	197	163	186	197	742	1291	2333
y2016-17	154	165	172	183	674	182	185	367	1041	186	188	186	560	171	198	160	186	715	1275	2316
y2017-18	154	165	172	182	673	183	183	366	1039	186	188	187	561	182	172	195	160	709	1270	2309
y2018-19	154	165	172	182	673	182	184	366	1039	184	188	187	559	183	182	170	195	730	1289	2327

\*\* The Kindergarten projections for school year 2011 through 2019 are based on 97 annual Weston births (average of past 5 years).

<b>Building Permits Issued</b>		
<b>Year</b>	<b>Permits Issued for New Construction</b>	<b>Permits Issued for Additions and/or Renovations</b>
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	256	86+
1920-1929	542	77-85
1930-1939	851	67-76
1940-1949	1383	57-66
1950-1959	1936	47-56
1960-1969	1427	37-46
1970-1979	446	27-36
1980-1989	1510	17-26
1990-1999	2089	7-16
2000-present	757	0-7
Total	11,197	

**SY'08-09 Actual versus NESDEC Enrollment Projection**

	<b>SY'08-09 Actual</b>	<b>SY'08-09 NESDEC</b>	<b>Variance (Act. - NESDEC)</b>
Kindergarten	140	137	3
Grade 1	137	129	8
Grade 2	174	178	-4
Grade 3	143	137	6
Grade 4	171	176	-5
Grade 5	189	197	-8
Grade 6	171	174	-3
Grade 7	194	197	-3
Grade 8	170	171	-1
Grade 9	164	165	-1
Grade 10	172	175	-3
Grade 11	170	169	1
Grade 12	158	159	-1
Total	2153	2164	-11
Variance	-11	+11	