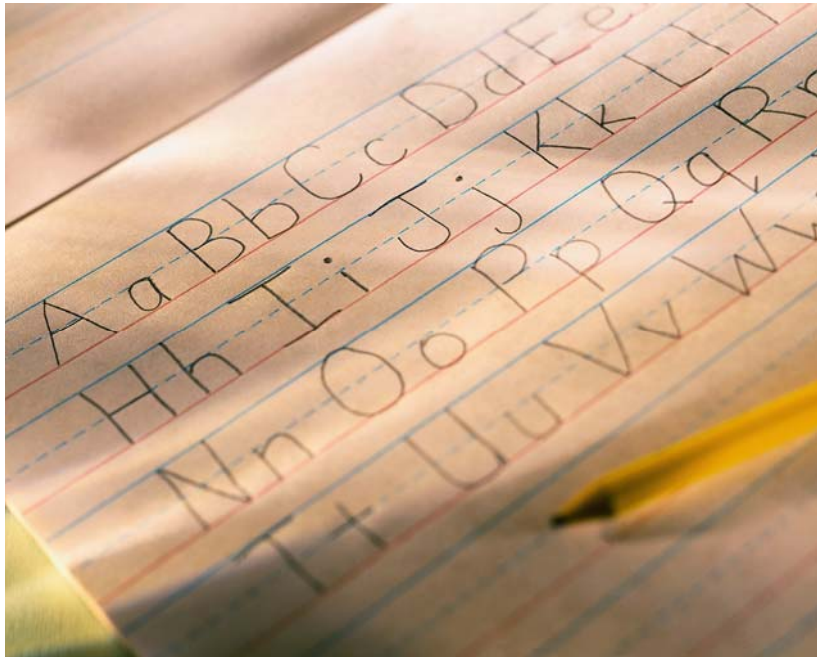


# Enrollment Analysis Report

2006-2007 to 2011-2012



**Newton Public Schools**  
100 Walnut Street  
Newtonville, MA 02460

November 2006

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## **EXECUTIVE SUMMARY**

# 2006-07 ENROLLMENT ANALYSIS

## EXECUTIVE SUMMARY

The annual report of five-year enrollment projections for all schools and grades in the Newton Public Schools is based primarily on current and historical enrollment as well as a review of demographic factors such as birth rates, the number of children aged 0 to 4 and changes in housing levels. After eleven years of continuous growth from 1989 to 1999, Newton's public school enrollment was relatively flat in 2000 through 2004. The 2005-06 enrollment of 11,415 students was a change from the relative stability of the previous five years, with 147 more students, or 1.3% over the prior year.

The current year enrollment of 11,501 continues the growth trend of last school year, with a 0.8% increase over last year, or 86 students. An increase of 185 students at the elementary schools is partially offset by decreases of 60 and 39, respectively, at the middle and high schools. The 185 student elementary school increase stems from all elementary school grades as follows: Kindergarten (+20), Grade 1 (+63), Grade 2 (+27), Grade 3 (+36), Grade 4 (+12) and Grade 5 (+31), offset by a decrease of 4 special education students. *Looking ahead, enrollment projections for the next five years for the total school population are expected to increase by an average of 2%, or 235 students per year.*

Enrollment trends have changed in both the elementary and middle schools. After five years of decreasing enrollment, the elementary school population was up by 0.7%, or 37 students in 2004, 158 students, or 3.2% in 2005-06, followed by 185 students, or 3.6% in the current 2006-07 school year. Due to this upward trend, enrollment is projected to increase steadily over the next two years at 3.9% and 4.6% respectively, followed by a projected 3.5% increase in 2009-2010, with increases of 2.4% on average for the next two years. It will be important to monitor actual enrollment in 2007 to confirm or modify the growth pattern that has emerged.

Middle schools increased in population until stabilizing in 2002-03. Middle school enrollment decreased by 2%, 3.3% and 2.4%, respectively, in 2004-05, 2005-06 and 2006-07. The projections show that 2007-08 is the first year of an upward middle school trend, due to the larger elementary school population moving up through the system. An increase of 35 students, or 1.4%, in 2007-08 is followed by an increase of 2.6% in 2008-09, with 64 students. The next three years are expected to yield enrollment increases of 91 students (+3.4%) on average, per year, as a result of the elementary school increases we are seeing today. The current decrease in 2006-07 represents the last year of the movement of the smaller elementary population to the middle schools.

High school enrollment peaked in 2005-06 as expected, with 3,748 students, followed by a decrease of 39 students in the current school year. The present year is the fourth and final year of redistricting from Newton North to Newton South, with the goal of increasingly equalized enrollment at the two high schools. Enrollments at South are up by 44 students over last year, while North accommodates 83 less students. From 2007-08 through 2010-11, the high school population is projected to decrease by 175 students, or 4.7%, as the smaller middle school population moves through the system. By 2011-12, high school enrollment will start to rise.

According to the current trend, Newton's overall public school enrollment is projected to increase by 1,176 students, or 10.2%, by 2011-12, as compared to today. Between now and the next school year, the population increases of 207 and 35 at the elementary schools and middle schools, respectively, will be partially offset by a decrease of 11 students at the high schools.

Then, for the four-year period from 2008-09 through 2011-12, population increases of 497 and 272 at the elementary and middle school levels, respectively, will more than offset the 58 student decrease in the high schools.

Current actual enrollment of 11,501 is 58 students more than the projection made in December 2005. The variance of 0.5% is made up of a difference of 86 more elementary students, 18 more middle school students, and 46 fewer high school students from projections. Of the 86 student difference at the elementary level, 69 students, or 80%, are in kindergarten.

A review of historical enrollment at the elementary level shows that an earlier cycle of fifteen consecutive years of declining enrollment (1969-1984) was followed by seven years of growth (1985-1992). In 1993, the sixth grade was moved to the middle school grade organization. The ten year period from 1994 until 2004 was a time of flat and declining enrollment. The current 2006 elementary count of 5,318 students matches the enrollment of 1996, with the increase of 343 students in the past two years. The projections in this report reflect a growth trend for the next five years based on the recent rise in student population.

The full report provides information on past and future enrollment trends, changes to the projection method for kindergarten implemented this year, and detailed information for each school. The appendices include the following: data for special enrollments including METCO, English Language Learners and special education students; draft Elementary class sizes for the 2007-08 school year; optional district information; upcoming residential housing complexes in Newton; projected population data for the City of Newton by age; current residential properties listed for sale in Newton by elementary school district as well as historical residential property sales; and state data on historical sales of single family, condominium and multi-family residences in Massachusetts.

### **Avalon at Newton Highlands Housing Development**

Avalon at Newton Highlands opened as a 294-unit apartment complex in June, 2003. The opening of this residence represented a significant change in the trends for housing statistics in Newton. Rental Office data indicates that as of November 2006, 98% of the apartments were rented with a population of 82 children from ages 5 to 17. Of these 82 children, 33% moved to Avalon from within Newton. There are 60 students from the development that are enrolled in the Newton Public Schools as compared to 55 one year ago. The number of students enrolled in private schools is estimated by the Rental Office at 22 students. Please refer to Table 12 for greater detail of the demographics of Avalon at Newton Highlands.

### **Avalon at Chestnut Hill Housing Development**

Avalon at Chestnut Hill, also a property of Avalon Bay Communities, Inc., opened as a 204-unit apartment complex in September, 2006. Construction will be completed by December 2006. An occupancy rate of 50% is expected at the time construction is complete, with 95% occupancy planned by the Summer of 2007. The new complex is in the Bowen Elementary School district, with a feeder pattern of Oak Hill Middle School and Newton South High School. Based on demographic data from Avalon at Newton Highlands, it is expected that 55 school-age children will live at the complex. Of the 55 school-age children, 72%, or 40 children are projected to attend the Newton Public Schools. Please refer to Table 13 for additional details on Avalon at Chestnut Hill. Table 9 of Appendix C shows the number of students manually added to the enrollment projections for Avalon at Chestnut Hill.



## **Additional Residential Complexes**

The details of six additional residential complexes are also included in Table 9 of Appendix C. These properties include Oxford House on Walnut Street, Arborpoint at Woodland Station, Kessler Woods, Covenant Residences, Chestnut Hill Square, and 528 Boylston Street. The number of students manually added to the enrollment projections for these complexes, if any, is shown in Table 9 of Appendix C. Students have been manually added to the appropriate year for all complexes that have reached the permitting stage or beyond. Chestnut Hill Square and 528 Boylston Street have not received permits as of November, 2006, and are not included in the projections.

## **Real Estate Sales**

According to data obtained from City of Newton records, residential property sales totaled between 1,100 to 1,300 per year over the past four years. (See Table 12 on page 103). The number of sales declined in 2005, citywide, and at nearly every elementary school district. Table 12 shows the data by school district, making clear the differences in total property sales by neighborhood. Additional data is provided in Appendix E including current property listings in Newton and State-wide trends.

## **Future Enrollment**

The traditional cohort survival method of enrollment projections using five-year historical data yields the following projections (see table below) for grades K-12. The kindergarten projection has been calculated by a linear regression as it was one year ago. See Section II entitled, "Enrollment Projection Method," for more information and discussion of the methodology used in this year's forecast.

Level	Actual 2006-07	Projections Using 5 Year Ratios*				
		2007-08	2008-09	2009-10	2010-11	2011-12
Elementary	5,318	5,525	5,779	5,984	6,160	6,276
Middle	2,474	2,509	2,573	2,655	2,724	2,845
High School	3,709	3,698	3,614	3,556	3,523	3,556
Total	11,501	11,732	11,966	12,195	12,407	12,677

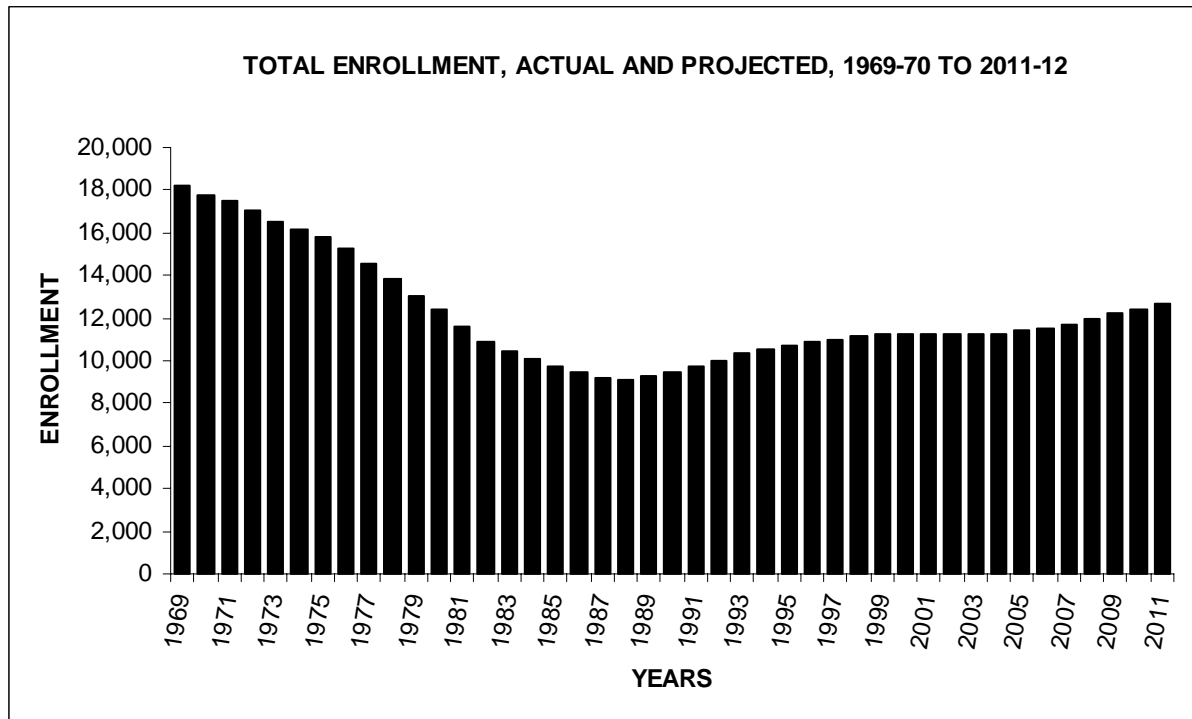
\*Includes a separate forecast for kindergarten based on the past three years' trends.

## **Trends to Watch**

1. Overall school enrollment in Newton is projected to increase by 231 students next year, followed by increases of 234, 229, 212 and 270 in the 2008-09 school year and beyond.
2. Elementary school enrollment is projected to increase by 207 students in 2007-08 and then continue to increase by 254, 205, 176 and 116 respectively over the next four years. This assumes a growing number of incoming kindergarten students each year based on three year enrollment history. This trend should be closely monitored.
3. After slowing up until three years ago, elementary enrollment increased in 2004, with 805 students entering kindergarten versus 796 the year before. The following year (2005) the kindergarten class of 867 was among the 5 highest numbers of students over the past 20

years. Over the past thirty-three years, the current year kindergarten enrollment of 887 is exceeded only by the year 1993, with 906 students, and the year 1974 with 998.

4. Middle school enrollment is projected to start an upward trend in 2007-08 as the elementary trend of the past few years moves to grades 6-8. As elementary students move up through the system, middle school enrollment is expected to increase in 2007-08 and beyond.
5. High school enrollment peaked at 3,748 students in 2005-06, reflecting expected movement of the population from the middle schools. High school enrollment is projected to decrease slightly through 2010-11 before reversing direction.



## **The Report**

The complete report provides full detail regarding current enrollment and projections. It is divided into four sections.

- I. Projected Enrollment Trends for the System, Elementary and Secondary - (pages 1-14) an in-depth look at system-wide and grade distribution projections.
- II. Enrollment Projection Method, Accuracy of Projections and Frequently Asked Questions - (pages 15-28) an overview that provides answers to commonly asked questions regarding enrollment projection method.
- III. Enrollment History - (pages 29-39) a discussion of past enrollment trends for the district as a whole as well as for the elementary, middle, and high school grade configurations.
- IV. Individual School Reports - (pages 40-82) includes information on current and projected enrollments by school and by grade and/or program.

# **I. PROJECTED ENROLLMENT TRENDS**

**System-wide**

**Elementary Projections**

**Secondary Projections**

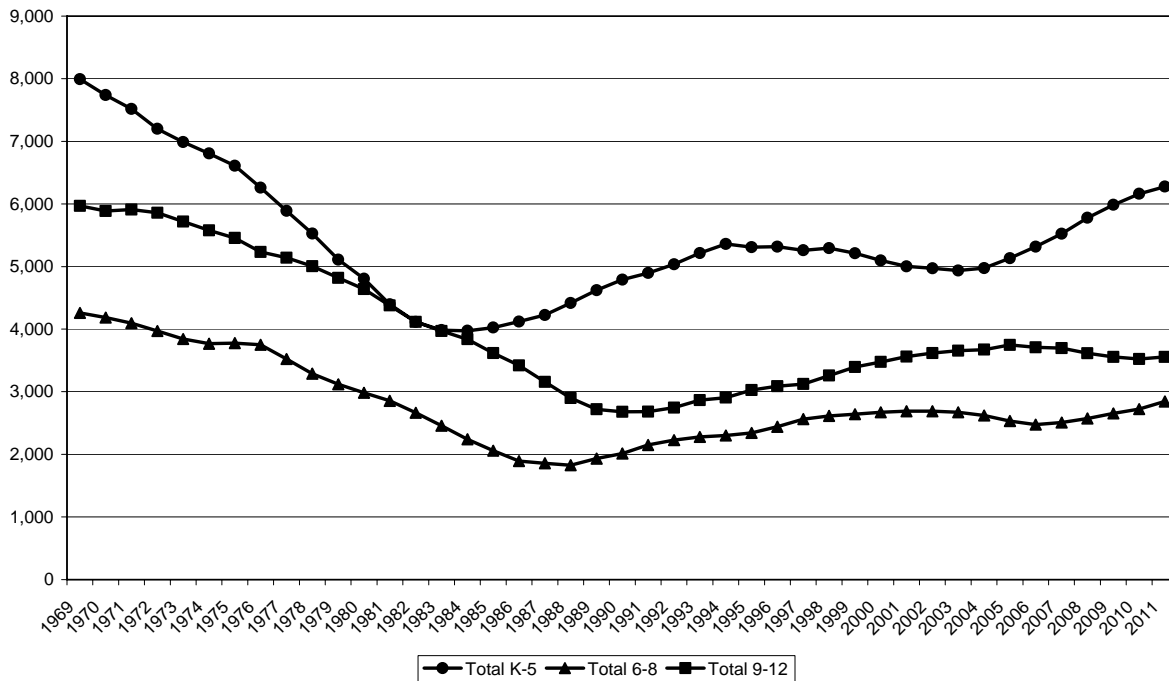
**National Trends**

# I. PROJECTED ENROLLMENT TRENDS

## System-wide Trends

Enrollment for all schools is projected to increase by a net of 465 students during the next two years. This trend is a reversal of the tapering off which began after an eleven-year period of growth spanning from 1989 to 1999. The graph in the Executive Summary best illustrates the trend of decreases from the early 1970's through 1988, followed by sustained increases for eleven years. Table 1B and Table 2B are Enrollment History and Projections from 1969-70 to 2011-12, by grade and by school, respectively. The chart below shows that in recent years, elementary school enrollment has increased. At the secondary level, increases starting in 2007-08 in the middle school population partially offset decreases in the high schools. By 2011-12, both middle school enrollment and high school enrollment will increase while the rate of growth at the elementary schools will go down.

**ENROLLMENT TREND BY GRADE LEVEL  
1969-2011**



One means of visualizing the trends on a system-wide basis is to view the incoming population (i.e., kindergarten students) in comparison to the outgoing students (i.e., twelfth graders). The chart on the following page depicts numerically the opposing trends that are occurring within the system, with 2006-07 as the pivotal year in which the kindergarten population starts to exceed the number of twelfth grade students.

Grade	Actual Enrollments								Projected Enrollments				
	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12
K	787	736	766	792	796	805	867	887	939	986	987	983	974
12	772	765	864	855	890	860	917	882	922	916	916	864	835
Difference	15	-29	-98	-63	-94	-55	-50	+5	+17	+70	+71	+119	+139

### **Elementary Projections**

Elementary enrollments are expected to increase from 5,318 to 5,525 next year. Elementary enrollment projections are dependent on current student counts and trends from previous years. For the current year, there has been an increase of 185 students, following an increase of 158 students the prior year. Due to the sizable increase in kindergarten students this year and last year, we used the trends of kindergarten enrollment to project future years, rather than relying on census data. See pages 15-16 for more information on this method.

The 2007-08 projections include an estimated sixteen additional students at Bowen Elementary School, one student at Cabot Elementary School, and four students each at Williams Elementary and Peirce Elementary due to new housing in those districts. See Table 9 of Appendix C on pages 93-100 for more detail.

The three elementary school districts with the highest projected growth between the current school year and five years from now are Bowen (+173), Countryside (+128) and Lincoln-Eliot (+141).

Table 5 provides the history of elementary enrollments from 1980 to 2006 and the projected changes from 2007-08 to 2011-12. Note that the table reflects a grade organization of K-6 from 1980 to 1992. From 1993 forward, it reflects the grade organization of K-5. Table 5B shows the percentage change in enrollment by school over the past six years.

### **Secondary Projections**

Middle school enrollments are projected to increase for the next five years. The current enrollment of 2,474 students is projected to increase by 35 students to 2,509 students next year, a 1.4% increase. The enrollments by school reflect redistricting for Bigelow and Day Middle Schools begun in September 2002. The 2007-08 projections include an estimated four additional students at Oak Hill Middle School, one at Bigelow Middle School, and two each at Brown Middle School and Day Middle School due to new housing in that district. See Table 9 of Appendix C on pages 93-100 for more detail.

High school enrollment projections show a net decrease of 0.3% next year, followed by three years of decreasing enrollments before increasing in 2011-12. Of particular interest are the trends for the two high schools. In September 2003, the first group of ninth graders attended Newton South High School as part of the high school redistricting plan. In September 2006, this group of students became seniors, and redistricting of the high schools was complete, with 1,964 students at North, and 1,745 students at South. Enrollment trends show Newton North High School *decreases by 30 students, or 1.5%* between the current school year and the start of the 2007-08 school year. Newton South High School is projected *to increase by 19 students, or 1.0%*, between the current school year and 2007-08. In the following two years, 2008-09 and 2009-10, both high schools will decrease.

The 2007-08 high school projections include an estimated eleven additional students at Newton South High School and four additional students at Newton North High School due to new housing in that district. See Table 9 of Appendix C on pages 93-100 for more detail.

The historic growth in grades 9-12 in Newton up until the current year matches national and state trends. It represented the movement of more than a decade of growth in elementary school population into secondary schools. Total grade 9-12 enrollment peaked in 2005-06 with an increase of 75 students, or 2.0% over the previous year. The current year enrollment decreased by a net of 39 students and will continue to decrease. Secondary data showing past, present and projected enrollments are presented in Table 6.

### **National Trends**

Nationwide, Massachusetts is ranked 10<sup>th</sup> from the bottom of the fifty states in terms of expected population growth from 1995 to 2025, as per the United States Department of Commerce, Economics and Statistics Administration. All but four of the fifteen states with the highest expected population growth are in the West or the South, including New York, New Jersey, Illinois and Maryland. California, New Mexico, Hawaii and Arizona are the four states with the highest expected population growth.

Massachusetts is expected to follow the national long-term projections of a decreasing proportion of youth (newborns to age 19) and increasing size of the elderly population (ages 65 and older). Nationally, the youth population is expected to be 27% in 2025 versus 29% in 1995 while the Baby-Boom generation of those born between 1946 and 1964 is expected to increase in all fifty states. City of Newton population projections developed by the University of Massachusetts, Amherst, MISER Center, can be found in Table 10 of Appendix D. These projections are consistent with the national projections and show, as expected, the impact of the large Baby-Boom generation, now at ages 42 to 60.

**TABLE 1  
PROJECTED ENROLLMENTS BY SCHOOL \*\*  
FY08-FY12**

School	Spec. Ed.*	Actual FY07	Projections Using 5 Year Average Ratios				
			FY08	FY09	FY10	FY11	FY12
Angier		379	382	385	385	381	380
Bowen		413	465	509	543	568	586
Burr		333	337	362	376	391	409
Cabot		420	441	462	490	492	494
Countryside		437	450	479	507	534	565
Franklin	(14)	414	428	459	484	506	507
Horace Mann		350	353	369	361	344	334
Lincoln-Eliot		281	308	348	378	415	422
Mason-Rice		372	385	385	381	388	380
Memorial-Spaulding		443	458	468	492	506	529
Peirce		324	334	336	335	334	343
Underwood		288	310	331	346	377	391
Ward		237	233	225	227	228	223
Williams		295	303	303	309	299	303
Zervas		332	338	358	370	397	410
<b>TOTAL ELEMENTARY</b>	<b>(14)</b>	<b>5,318</b>	<b>5,525</b>	<b>5,779</b>	<b>5,984</b>	<b>6,160</b>	<b>6,276</b>
Bigelow		495	491	500	488	491	527
Brown	(3)	665	653	692	701	722	721
Day		747	779	772	830	860	925
Oak Hill		567	586	609	636	651	672
<b>TOTAL MIDDLE</b>	<b>(3)</b>	<b>2,474</b>	<b>2,509</b>	<b>2,573</b>	<b>2,655</b>	<b>2,724</b>	<b>2,845</b>
Newton North	(65)	1,964	1,934	1,894	1,886	1,889	1,901
Newton South**	(19)	1,745	1,764	1,720	1,670	1,634	1,655
<b>TOTAL SR. HIGH***</b>	<b>(84)</b>	<b>3,709</b>	<b>3,698</b>	<b>3,614</b>	<b>3,556</b>	<b>3,523</b>	<b>3,556</b>
<b>GRAND TOTAL</b>	<b>(101)</b>	<b>11,501</b>	<b>11,732</b>	<b>11,966</b>	<b>12,195</b>	<b>12,407</b>	<b>12,677</b>

\*Enrollment numbers and projections include students who receive Special Education services outside the regular classroom for a significant amount of time.

\*\*A number of students have been manually added to the enrollment projections for permitted residential complexes in the following amounts by fiscal year: FY08 (49 students), FY09 (64 students), FY10 (79 students), FY11 (78 students) and FY12 (76 students). Refer to Appendix C, Table 9 for the details by school, grade and residential complex.

\*\*\*The high school projections assume feeder patterns based on redistricting which was complete as of September, 2006.

**TABLE 1B**

Newton Public Schools  
Enrollment History and Projections by School  
1969 to 2011

School Name	Peak Enroll	Peak Year	1969	1970	1971	1972	1973	1974	1975	1976	1977*	1978*	1979*	1980*	1981*	1982*	1983**	1984*	1985*	1986*	1987	1988	1989	1990
Angier	752	1953	529	519	455	435	401	397	408	408	394	429	414	424	400	375	384	413	412	419	409	410	439	436
Bowen	428	1992	381	369	355	332	341	343	338	301	354	349	328	309	300	291	283	312	348	350	364	366	403	413
Burr	496	1967	485	453	436	431	399	359	338	313	256	232	218	264	236	229	211	204	210	238	249	260	304	299
Cabot	539	1967	511	475	480	454	452	441	406	388	373	349	315	306	410	351	342	336	337	362	362	387	424	449
Carr	401	1963	355	352	330	306	308	307	295	290	271	269	235											
Clafin	420	1960	370	376	363	342	359	334	349	314	283	253	231	215										
Countryside	557	1959	375	363	366	344	294	301	302	302	231	218	349	338	347	316	303	379	394	418	436	451	458	474
Davis	352	1961	316	282	325	315	309	303	279	273	276	256	247											
Emerson	345	1955	299	290	286	286	269	292	276	245	222	201												
Franklin	601	1961	579	544	557	533	515	486	460	445	420	388	389	478	399	394	388	345	338	334	331	347	364	382
Hamilton	222	1960	165	182	161	169	163	172	144	147	126													
Horace Mann	350	2006	341	325	329	317	311	290	295	270	252	228	216	317	301	287	261	268	258	249	276	287	299	323
Hyde	669	1952	518	482	445	456	431	405	385	352	350	364	351	341	314	310	301							
Lincoln-Eliot	435	1970	429	435	434	420	403	379	368	361	342	286	244	320	308	269	237	246	242	239	250	249	285	316
Mason-Rice	620	1962	543	519	513	472	441	444	475	445	428	410	384	360	349	321	286	418	402	419	419	423	436	459
Memorial	536	1953	277	261	222	209	192	192	181	152														
Memorial-Spaulding	486	1992									372	349	309	309	301	284	264	372	382	401	415	418	445	449
Oak Hill Elementary	450	1962	334	326	333	313	308	295	310	304	323	341	304	274	268	230	207							
Peirce	429	1960	392	394	370	357	382	363	390	362	341	345	349	355	355	302	290	291	266	253	253	267	282	283
Spaulding	587	1961	363	318	306	315	288	274	268	253														
Underwood	582	1970	569	582	564	533	538	541	497	463	437	411	392	373	328	293	308	291	292	264	280	277	283	303
Ward	506	1971	456	481	506	488	505	503	499	500	428	404	371	334	302	278	258	286	279	312	325	354	351	372
Williams	375	1969	375	360	362	330	301	313	311	281	272	298	258	235	214	209	213	223	221	219	216	238	244	255
Zervas (formerly Beethoven)	350	1964	337	343	308	295	295	305	287	286	242	239	240	238	227	209	213	278	281	258	266	273	280	290
Peabody (SPED)			62	58	40	36	38	38	37															
<b>Total Elem</b>			<b>9,361</b>	<b>9,089</b>	<b>8,846</b>	<b>8,488</b>	<b>8,243</b>	<b>8,077</b>	<b>7,898</b>	<b>7,455</b>	<b>6,993</b>	<b>6,619</b>	<b>6,144</b>	<b>5,790</b>	<b>5,359</b>	<b>4,948</b>	<b>4,749</b>	<b>4,662</b>	<b>4,662</b>	<b>4,735</b>	<b>4,851</b>	<b>5,007</b>	<b>5,297</b>	<b>5,503</b>
<i>Change</i>				-272	-243	-358	-245	-166	-179	-443	-462	-374	-475	-354	-431	-411	-199	-87	0	73	116	156	290	206
<i>% Change</i>				-2.9%	-2.7%	-4.0%	-2.9%	-2.0%	-2.2%	-5.6%	-6.2%	-5.3%	-7.2%	-5.8%	-7.4%	-7.7%	-4.0%	-1.8%	0.0%	1.6%	2.4%	3.2%	5.8%	3.9%
Total # Elem Schools			23	23	23	23	23	23	23	23	22	21	20	18	17	17	17	15	15	15	15	15	15	15
Bigelow	612	1996	526	525	559	557	594	579	589	572	575	529	517	503	482	537	425	350	168					
Brown (formerly Meadowbrook)	1,024	1964	864	869	882	895	877	822	800	823	842	822	810	858	636	654	615	600	597	570	548	557	528	508
Day	856	1996	744	735	722	752	749	790	780	804	778	724	724	734	774	847	652	604	654	709	684	680	730	797
Oak Hill Middle	621	2001																						
Warren	1,270	1969	1,270	1,243	1,194	1,046	943	903	883	884	846	763	681	629	606	419								
Weeks	1,033	1960	925	869	871	823	773	724	675	663	625	563	458	287										
<b>Total Middle School</b>			<b>4,329</b>	<b>4,241</b>	<b>4,228</b>	<b>4,073</b>	<b>3,936</b>	<b>3,818</b>	<b>3,727</b>	<b>3,746</b>	<b>3,666</b>	<b>3,401</b>	<b>3,190</b>	<b>3,011</b>	<b>2,498</b>	<b>2,457</b>	<b>1,692</b>	<b>1,554</b>	<b>1,419</b>	<b>1,279</b>	<b>1,232</b>	<b>1,237</b>	<b>1,258</b>	<b>1,305</b>
<i>Change</i>				-88	-13	-155	-137	-118	-91	19	-80	-265	-211	-179	-513	-41	-765	-138	-135	-140	-47	5	21	47
<i>% Change</i>				-2.0%	-0.3%	-3.7%	-3.4%	-3.0%	-2.4%	0.5%	-2.1%	-7.2%	-6.2%	-5.6%	-17.0%	-1.6%	-31.1%	-8.2%	-8.7%	-9.9%	-3.7%	0.4%	1.7%	3.7%
Total # Middle Schools			5	5	5	5	5	5	5	5	5	5	5	5	4	4	3	3	3	2	2	2	2	2
North	2,976	1972	2,909	2,930	2,878	2,976	2,905	2,864	2,885	2,741	2,685	2,621	2,584	2,471	2,275	2,075	2,659	2,540	2,390	2,195	1,983	1,771	1,617	1,589
South	1,745	2006	1,620	1,552	1,573	1,492	1,462	1,393	1,332	1,300	1,211	1,178	1,132	1,154	1,503	1,418	1,311	1,298	1,229	1,226	1,174	1,127	1,104	1,091
<b>Total High School</b>			<b>4,529</b>	<b>4,482</b>	<b>4,451</b>	<b>4,468</b>	<b>4,367</b>	<b>4,257</b>	<b>4,217</b>	<b>4,041</b>	<b>3,896</b>	<b>3,799</b>	<b>3,716</b>	<b>3,625</b>	<b>3,778</b>	<b>3,493</b>	<b>3,970</b>	<b>3,838</b>	<b>3,619</b>	<b>3,421</b>	<b>3,157</b>	<b>2,898</b>	<b>2,721</b>	<b>2,680</b>
<i>Change</i>				-47	-31	17	-101	-110	-40	-176	-145	-97	-83	-91	153	-285	477	-132	-219	-198	-264	-259	-177	-41
<i>% Change</i>				-1.0%	-0.7%	0.4%	-2.3%	-2.5%	-0.9%	-4.2%	-3.6%	-2.5%	-2.2%	-2.4%	4.2%	-7.5%	13.7%	-3.3%	-5.7%	-5.5%	-7.7%	-8.2%	-6.1%	-1.5%
<b>Grand Total</b>			<b>18,219</b>	<b>17,812</b>	<b>17,525</b>	<b>17,029</b>	<b>16,546</b>	<b>16,152</b>	<b>15,842</b>	<b>15,242</b>	<b>14,555</b>	<b>13,819</b>	<b>13,050</b>	<b>12,426</b>	<b>11,635</b>	<b>10,898</b>	<b>10,411</b>	<b>10,054</b>	<b>9,700</b>	<b>9,435</b>	<b>9,240</b>	<b>9,142</b>	<b>9,276</b>	<b>9,488</b>
<i>Change</i>				-407	-287	-496	-483	-394	-310	-600	-687	-736	-769	-624	-791	-737	-487	-357	-354	-265	-195	-98	134	212
<i>% Change</i>				-2.2%	-1.6%	-2.8%	-2.8%	-2.4%	-1.9%	-3.8%	-4.5%	-5.1%	-5.6%	-4.8%	-6.4%	-6.3%	-4.5%	-3.4%	-3.5%	-2.7%	-2.1%	-1.1%	1.5%	2.3%

\*Between 1977-78 through 1986-87, 8 Elementary and 3 Middle Schools were either closed or consolidated.

\*\*In 1983, All 9th grade students were moved from the Middle Schools to the High Schools

\*\*\*In 1993, All 6th grade students were moved from Elementary Schools to Middle Schools. Bigelow MS was reopened.



**TABLE 1B**

Newton Public Schools  
Enrollment History and Projections by School  
1969 to 2011

School Name	Peak Enroll	Peak Year																			Projected				
			1991	1992	1993***	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011		
Angier	752	1953	441	469	428	430	430	436	423	433	412	418	412	396	371	363	370	379	382	385	385	381	380		
Bowen	428	1992	426	428	410	414	421	410	409	390	377	383	351	336	335	375	386	413	465	509	543	568	586		
Burr	496	1967	302	323	275	294	287	292	273	256	278	270	294	300	303	314	314	333	337	362	376	391	409		
Cabot	539	1967	470	473	443	431	420	417	412	393	385	362	360	352	353	357	391	420	441	462	490	492	494		
Carr	401	1963																							
Claflin	420	1960																							
Countryside	557	1959	500	497	461	477	446	449	469	493	499	482	453	455	446	448	463	437	450	479	507	534	565		
Davis	352	1961																							
Emerson	345	1955																							
Franklin	601	1961	361	360	332	350	346	366	379	407	389	390	398	384	397	386	385	414	428	459	484	506	507		
Hamilton	222	1960																							
Horace Mann	350	2006	318	324	285	288	294	282	273	297	301	303	313	330	333	337	344	350	353	369	361	344	334		
Hyde	669	1952																							
Lincoln-Eliot	435	1970	338	352	293	306	333	345	321	325	285	281	252	220	242	229	282	281	308	348	378	415	422		
Mason-Rice	620	1962	475	486	395	417	405	397	395	412	393	364	369	364	352	365	372	372	385	385	381	388	380		
Memorial	536	1953																							
Memorial-Spaulling	486	1992	452	486	426	469	477	454	452	448	462	452	417	440	447	427	419	443	458	468	492	506	529		
Oak Hill Elementary	450	1962																							
Peirce	429	1960	272	292	270	270	259	250	281	282	271	281	270	271	271	286	306	324	334	336	335	334	343		
Spaulding	587	1961																							
Underwood	582	1970	310	302	295	311	283	285	282	267	278	264	276	294	276	275	264	288	310	331	346	377	391		
Ward	506	1971	378	386	330	342	366	360	335	319	343	325	304	281	274	262	262	237	233	225	227	228	223		
Williams	375	1969	284	302	271	261	254	288	269	260	258	241	257	260	254	264	275	295	303	303	309	299	303		
Zervas (formerly Beethoven)	350	1964	320	325	302	303	288	287	287	311	281	281	276	287	284	287	300	332	338	358	370	397	410		
Peabody (SPED)																									
<b>Total Elem</b>			<b>5,647</b>	<b>5,805</b>	<b>5,216</b>	<b>5,363</b>	<b>5,309</b>	<b>5,318</b>	<b>5,260</b>	<b>5,293</b>	<b>5,212</b>	<b>5,097</b>	<b>5,002</b>	<b>4,970</b>	<b>4,938</b>	<b>4,975</b>	<b>5,133</b>	<b>5,318</b>	<b>5,525</b>	<b>5,779</b>	<b>5,984</b>	<b>6,160</b>	<b>6,276</b>		
<i>Change</i>			144	158	-589	147	-54	9	-58	33	-81	-115	-95	-32	-32	37	158	185	207	254	205	176	116		
<i>% Change</i>			2.6%	2.8%	-10.1%	2.8%	-1.0%	0.2%	-1.1%	0.6%	-1.5%	-2.2%	-1.9%	-0.6%	-0.6%	0.7%	3.2%	3.6%	3.9%	4.6%	3.5%	2.9%	1.9%		
Total # Elem Schools			15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		
Bigelow	612	1996			534	567	590	612	522	483	446	465	477	513	520	510	496	495	491	500	488	491	527		
Brown (formerly Meadowbrook)	1,024	1964	628	689	989	940	945	974	645	749	771	752	735	756	770	787	705	665	653	692	701	722	721		
Day	856	1996	772	770	755	794	808	856	823	804	804	835	855	822	785	758	768	747	779	772	830	860	925		
Oak Hill Middle	621	2001							572	578	619	620	621	597	598	565	565	567	586	609	636	651	672		
Warren	1,270	1969																							
Weeks	1,033	1960																							
<b>Total Middle School</b>			<b>1,400</b>	<b>1,459</b>	<b>2,278</b>	<b>2,301</b>	<b>2,343</b>	<b>2,442</b>	<b>2,562</b>	<b>2,614</b>	<b>2,640</b>	<b>2,672</b>	<b>2,688</b>	<b>2,688</b>	<b>2,673</b>	<b>2,620</b>	<b>2,534</b>	<b>2,474</b>	<b>2,509</b>	<b>2,573</b>	<b>2,655</b>	<b>2,724</b>	<b>2,845</b>		
<i>Change</i>			95	59	819	23	42	99	120	52	26	32	16	0	-15	-53	-86	-60	35	64	82	69	121		
<i>% Change</i>			7.3%	4.2%	56.1%	1.0%	1.8%	4.2%	4.9%	2.0%	1.0%	1.2%	0.6%	0.0%	-0.6%	-2.0%	-3.3%	-2.4%	1.4%	2.6%	3.2%	2.6%	4.4%		
Total # Middle Schools			2	2	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
North	2,976	1972	1,623	1,691	1,757	1,765	1,808	1,867	1,911	2,019	2,123	2,144	2,190	2,219	2,169	2,121	2,047	1,964	1,934	1,894	1,886	1,889	1,901		
South	1,745	2006	1,058	1,055	1,109	1,142	1,220	1,223	1,211	1,240	1,273	1,333	1,370	1,399	1,487	1,552	1,701	1,745	1,764	1,720	1,670	1,634	1,655		
<b>Total High School</b>			<b>2,681</b>	<b>2,746</b>	<b>2,866</b>	<b>2,907</b>	<b>3,028</b>	<b>3,090</b>	<b>3,122</b>	<b>3,259</b>	<b>3,396</b>	<b>3,477</b>	<b>3,560</b>	<b>3,618</b>	<b>3,656</b>	<b>3,673</b>	<b>3,748</b>	<b>3,709</b>	<b>3,698</b>	<b>3,614</b>	<b>3,556</b>	<b>3,523</b>	<b>3,556</b>		
<i>Change</i>			1	65	120	41	121	62	32	137	137	81	83	58	38	17	75	-39	-11	-84	-58	-33	33		
<i>% Change</i>			0.0%	2.4%	4.4%	1.4%	4.2%	2.0%	1.0%	4.4%	4.2%	2.4%	2.4%	1.6%	1.1%	0.5%	2.0%	-1.0%	-0.3%	-2.3%	-1.6%	-0.9%	0.9%		
<b>Grand Total</b>			<b>9,728</b>	<b>10,010</b>	<b>10,360</b>	<b>10,571</b>	<b>10,680</b>	<b>10,850</b>	<b>10,944</b>	<b>11,166</b>	<b>11,248</b>	<b>11,246</b>	<b>11,250</b>	<b>11,276</b>	<b>11,267</b>	<b>11,268</b>	<b>11,415</b>	<b>11,501</b>	<b>11,732</b>	<b>11,966</b>	<b>12,195</b>	<b>12,407</b>	<b>12,677</b>		
<i>Change</i>			240	282	350	211	109	170	94	222	82	-2	4	26	-9	1	147	86	231	234	229	212	270		
<i>% Change</i>			2.5%	2.9%	3.5%	2.0%	1.0%	1.6%	0.9%	2.0%	0.7%	0.0%	0.0%	0.2%	-0.1%	0.0%	1.3%	0.8%	2.0%	2.0%	1.9%	1.7%	2.2%		

\*Between 1977-78 through 1986-87, 8 Elementary and 3 Middle Schools were either closed or consolidated.

\*\*In 1983, All 9th grade students were moved from the Middle Schools to the High Schools

\*\*\*In 1993, All 6th grade students were moved from Elementary Schools to Middle Schools. Bigelow MS was reopened.

**TABLE 2**  
**PROJECTED ENROLLMENTS BY GRADE\*\*\***  
**FY08-FY12**

Grade	Actual FY07	Projections Using 5 Year Average Ratios				
		FY08	FY09	FY10	FY11	FY12
K*	887	939	986	987	983	974
1	916	941	1,000	1,042	1,045	1,038
2	895	945	972	1,033	1,074	1,075
3	896	920	968	996	1,059	1,099
4	859	909	932	981	1,007	1,072
5	851	857	907	931	978	1,004
Spec. Ed.**	14	14	14	14	14	14
<b>TOTAL ELEMENTARY</b>	<b>5,318</b>	<b>5,525</b>	<b>5,779</b>	<b>5,984</b>	<b>6,160</b>	<b>6,276</b>
Diff. from Previous Year		207	254	205	176	116
% Change		3.9%	4.6%	3.5%	2.9%	1.9%
6	824	859	869	911	929	991
7	810	831	864	875	916	933
8	837	816	837	866	876	918
Spec. Ed.**	3	3	3	3	3	3
<b>TOTAL MIDDLE</b>	<b>2,474</b>	<b>2,509</b>	<b>2,573</b>	<b>2,655</b>	<b>2,724</b>	<b>2,845</b>
Diff. from Previous Year		35	64	82	69	121
% Change		1.4%	2.6%	3.2%	2.6%	4.4%
9	905	858	831	851	881	893
10	911	914	862	835	853	884
11	927	920	921	870	841	860
12	882	922	916	916	864	835
Spec. Ed. & Post-grads.**	84	84	84	84	84	84
<b>TOTAL SR. HIGH</b>	<b>3,709</b>	<b>3,698</b>	<b>3,614</b>	<b>3,556</b>	<b>3,523</b>	<b>3,556</b>
Diff. from Previous Year		-11	-84	-58	-33	33
% change		-0.3%	-2.3%	-1.6%	-0.9%	0.9%
<b>GRAND TOTAL</b>	<b>11,501</b>	<b>11,732</b>	<b>11,966</b>	<b>12,195</b>	<b>12,407</b>	<b>12,677</b>
Diff. from Previous Year		231	234	229	212	270
% Change		2.0%	2.0%	1.9%	1.7%	2.2%

\*Kindergarten projections were calculated using a regression method based on three years of enrollment history with a tapering in FY10, FY11 and FY12.

\*\*Enrollment numbers and projections include students who receive Special Education services

**TABLE 2B**

**Newton Public Schools  
Enrollment History and Projections by Grade  
1969 to 2011**

Grade	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
K	1,323	1,155	1,063	1,010	968	998	946	843	750	681	635	612	628	584	647	673	687	726	730	744	827	809
1	1,341	1,302	1,192	1,083	1,088	1,067	1,088	1,009	873	804	723	702	652	650	617	688	712	734	749	753	773	851
2	1,259	1,302	1,307	1,178	1,094	1,099	1,078	1,069	1,010	892	812	755	678	649	648	610	692	692	725	738	755	776
3	1,273	1,269	1,290	1,282	1,168	1,091	1,114	1,080	1,042	1,022	878	819	746	676	667	659	610	680	693	734	770	767
4	1,312	1,274	1,261	1,289	1,286	1,172	1,116	1,103	1,073	1,019	1,002	877	797	739	661	649	642	594	677	705	730	782
5	1,372	1,329	1,298	1,254	1,293	1,296	1,191	1,101	1,089	1,055	1,005	1,000	862	774	699	650	634	635	592	678	698	739
SPED	112	107	107	102	91	83	76	56	54	54	56	40	36	44	45	44	47	60	59	65	70	69
<b>Total K-5</b>	<b>7,992</b>	<b>7,738</b>	<b>7,518</b>	<b>7,198</b>	<b>6,988</b>	<b>6,806</b>	<b>6,609</b>	<b>6,261</b>	<b>5,891</b>	<b>5,527</b>	<b>5,111</b>	<b>4,805</b>	<b>4,399</b>	<b>4,116</b>	<b>3,984</b>	<b>3,973</b>	<b>4,024</b>	<b>4,121</b>	<b>4,225</b>	<b>4,417</b>	<b>4,623</b>	<b>4,793</b>
Change		-254	-220	-320	-210	-182	-197	-348	-370	-364	-416	-306	-406	-283	-132	-11	51	97	104	192	206	170
% Change		-3.2%	-2.8%	-4.3%	-2.9%	-2.6%	-2.9%	-5.3%	-5.9%	-6.2%	-7.5%	-6.0%	-8.4%	-6.4%	-3.2%	-0.3%	1.3%	2.4%	2.5%	4.5%	4.7%	3.7%
6	1,369	1,351	1,328	1,290	1,255	1,271	1,289	1,194	1,102	1,092	1,033	985	960	832	765	689	638	614	626	590	674	710
7	1,459	1,368	1,365	1,301	1,244	1,230	1,254	1,267	1,150	1,053	1,024	982	928	884	787	739	650	610	589	625	599	665
8	1,400	1,438	1,377	1,354	1,321	1,246	1,215	1,269	1,258	1,131	1,053	1,011	958	934	884	786	737	641	613	580	634	614
SPED	31	29	26	26	21	22	19	19	13	12	10	5	11	14	21	29	32	28	30	32	25	26
<b>Total 6-8</b>	<b>4,259</b>	<b>4,186</b>	<b>4,096</b>	<b>3,971</b>	<b>3,841</b>	<b>3,769</b>	<b>3,777</b>	<b>3,749</b>	<b>3,523</b>	<b>3,288</b>	<b>3,120</b>	<b>2,983</b>	<b>2,857</b>	<b>2,664</b>	<b>2,457</b>	<b>2,243</b>	<b>2,057</b>	<b>1,893</b>	<b>1,858</b>	<b>1,827</b>	<b>1,932</b>	<b>2,015</b>
Change		-73	-90	-125	-130	-72	8	-28	-226	-235	-168	-137	-126	-193	-207	-214	-186	-164	-35	-31	105	83
% Change		-1.7%	-2.2%	-3.1%	-3.3%	-1.9%	0.2%	-0.7%	-6.0%	-6.7%	-5.1%	-4.4%	-4.2%	-6.8%	-7.8%	-8.7%	-8.3%	-8.0%	-1.8%	-1.7%	5.7%	4.3%
9	1,483	1,433	1,460	1,392	1,350	1,320	1,239	1,191	1,245	1,205	1,103	1,013	989	966	980	898	801	763	700	658	607	666
10	1,595	1,549	1,503	1,507	1,442	1,423	1,366	1,273	1,224	1,271	1,225	1,126	1,020	1,000	907	964	931	826	753	686	654	615
11	1,476	1,488	1,493	1,472	1,467	1,398	1,418	1,331	1,295	1,213	1,260	1,210	1,094	1,013	1,001	916	902	863	788	739	676	656
12	1,408	1,415	1,441	1,478	1,447	1,388	1,384	1,392	1,331	1,276	1,192	1,232	1,219	1,082	1,009	987	910	908	849	753	720	675
SPED	6	3	14	11	11	48	49	45	46	39	39	57	57	57	73	73	75	61	67	62	64	68
<b>Total 9-12</b>	<b>5,968</b>	<b>5,888</b>	<b>5,911</b>	<b>5,860</b>	<b>5,717</b>	<b>5,577</b>	<b>5,456</b>	<b>5,232</b>	<b>5,141</b>	<b>5,004</b>	<b>4,819</b>	<b>4,638</b>	<b>4,379</b>	<b>4,118</b>	<b>3,970</b>	<b>3,838</b>	<b>3,619</b>	<b>3,421</b>	<b>3,157</b>	<b>2,898</b>	<b>2,721</b>	<b>2,680</b>
Change		-80	23	-51	-143	-140	-121	-224	-91	-137	-185	-181	-259	-261	-148	-132	-219	-198	-264	-259	-177	-41
% Change		-1.3%	0.4%	-0.9%	-2.4%	-2.4%	-2.2%	-4.1%	-1.7%	-2.7%	-3.7%	-3.8%	-5.6%	-6.0%	-3.6%	-3.3%	-5.7%	-5.5%	-7.7%	-8.2%	-6.1%	-1.5%
<b>Grand Total</b>	<b>18,219</b>	<b>17,812</b>	<b>17,525</b>	<b>17,029</b>	<b>16,546</b>	<b>16,152</b>	<b>15,842</b>	<b>15,242</b>	<b>14,555</b>	<b>13,819</b>	<b>13,050</b>	<b>12,426</b>	<b>11,635</b>	<b>10,898</b>	<b>10,411</b>	<b>10,054</b>	<b>9,700</b>	<b>9,435</b>	<b>9,240</b>	<b>9,142</b>	<b>9,276</b>	<b>9,488</b>
Change		-407	-287	-496	-483	-394	-310	-600	-687	-736	-769	-624	-791	-737	-487	-357	-354	-265	-195	-98	134	212
% Change		-2.2%	-1.6%	-2.8%	-2.8%	-2.4%	-1.9%	-3.8%	-4.5%	-5.1%	-5.6%	-4.8%	-6.4%	-6.3%	-4.5%	-3.4%	-3.5%	-2.7%	-2.1%	-1.1%	1.5%	2.3%

NOTE: The subtotals in this table are calculated strictly according to grade and do not match subtotals calculated by actual Elementary, Middle and High School enrollments by school such as in Table 1B. In 1983, 9th graders were moved from Middle Schools to High Schools and in 1993, 6th graders were moved from Elementary Schools to Middle Schools.

**TABLE 2B**

**Newton Public Schools  
Enrollment History and Projections by Grade  
1969 to 2011**

Grade	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Projected		
																			2009	2010	2011
K	827	874	906	874	837	870	808	841	787	736	766	792	796	805	867	887	939	986	987	983	974
1	845	865	921	946	904	871	887	850	866	804	749	805	837	856	853	916	941	1,000	1,042	1,045	1,038
2	851	845	879	918	920	887	873	898	867	857	811	795	828	836	868	895	945	972	1,033	1,074	1,075
3	775	859	870	882	895	925	878	874	901	889	849	815	818	831	860	896	920	968	996	1,059	1,099
4	763	775	850	869	876	886	923	876	887	901	896	855	817	819	847	859	909	932	981	1,007	1,072
5	772	757	748	838	848	854	873	938	885	894	916	894	832	811	820	851	857	907	931	978	1,004
SPED	64	60	42	36	29	25	18	16	19	16	15	14	10	17	18	14	14	14	14	14	14
<b>Total K-5</b>	<b>4,897</b>	<b>5,035</b>	<b>5,216</b>	<b>5,363</b>	<b>5,309</b>	<b>5,318</b>	<b>5,260</b>	<b>5,293</b>	<b>5,212</b>	<b>5,097</b>	<b>5,002</b>	<b>4,970</b>	<b>4,938</b>	<b>4,975</b>	<b>5,133</b>	<b>5,318</b>	<b>5,525</b>	<b>5,779</b>	<b>5,984</b>	<b>6,160</b>	<b>6,276</b>
Change	104	138	181	147	-54	9	-58	33	-81	-115	-95	-32	-32	37	158	185	207	254	205	176	116
% Change	2.2%	2.8%	3.6%	2.8%	-1.0%	0.2%	-1.1%	0.6%	-1.5%	-2.2%	-1.9%	-0.6%	-0.6%	0.7%	3.2%	3.6%	3.9%	4.6%	3.5%	2.9%	1.9%
6	750	770	746	752	825	833	838	846	911	869	858	916	895	829	804	824	859	869	911	929	991
7	692	717	742	754	729	822	836	840	843	930	881	875	902	889	836	810	831	864	875	916	933
8	677	707	728	757	754	742	828	864	846	851	923	884	867	898	892	837	816	837	866	876	918
SPED	31	35	62	38	35	45	60	64	40	22	26	13	9	4	2	3	3	3	3	3	3
<b>Total 6-8</b>	<b>2,150</b>	<b>2,229</b>	<b>2,278</b>	<b>2,301</b>	<b>2,343</b>	<b>2,442</b>	<b>2,562</b>	<b>2,614</b>	<b>2,640</b>	<b>2,672</b>	<b>2,688</b>	<b>2,688</b>	<b>2,673</b>	<b>2,620</b>	<b>2,534</b>	<b>2,474</b>	<b>2,509</b>	<b>2,573</b>	<b>2,655</b>	<b>2,724</b>	<b>2,845</b>
Change	135	79	49	23	42	99	120	52	26	32	16	0	-15	-53	-86	-60	35	64	82	69	121
% Change	6.7%	3.7%	2.2%	1.0%	1.8%	4.2%	4.9%	2.0%	1.0%	1.2%	0.6%	0.0%	-0.6%	-2.0%	-3.3%	-2.4%	1.4%	2.6%	3.2%	2.6%	4.4%
9	645	689	734	774	773	749	776	869	918	872	868	925	899	892	919	905	858	831	851	881	893
10	692	670	709	706	766	762	748	790	875	888	872	865	933	899	906	911	914	862	835	853	884
11	617	684	687	659	707	759	752	765	755	867	877	887	863	925	898	927	920	921	870	841	860
12	658	629	675	656	672	695	754	756	772	765	864	855	890	860	917	882	922	916	916	864	835
SPED	69	74	61	112	110	125	92	79	76	85	79	86	71	97	108	84	84	84	84	84	84
<b>Total 9-12</b>	<b>2,681</b>	<b>2,746</b>	<b>2,866</b>	<b>2,907</b>	<b>3,028</b>	<b>3,090</b>	<b>3,122</b>	<b>3,259</b>	<b>3,396</b>	<b>3,477</b>	<b>3,560</b>	<b>3,618</b>	<b>3,656</b>	<b>3,673</b>	<b>3,748</b>	<b>3,709</b>	<b>3,698</b>	<b>3,614</b>	<b>3,556</b>	<b>3,523</b>	<b>3,556</b>
Change	1	65	120	41	121	62	32	137	137	81	83	58	38	17	75	-39	-11	-84	-58	-33	33
% Change	0.0%	2.4%	4.4%	1.4%	4.2%	2.0%	1.0%	4.4%	4.2%	2.4%	2.4%	1.6%	1.1%	0.5%	2.0%	-1.0%	-0.3%	-2.3%	-1.6%	-0.9%	0.9%
<b>Grand Total</b>	<b>9,728</b>	<b>10,010</b>	<b>10,360</b>	<b>10,571</b>	<b>10,680</b>	<b>10,850</b>	<b>10,944</b>	<b>11,166</b>	<b>11,248</b>	<b>11,246</b>	<b>11,250</b>	<b>11,276</b>	<b>11,267</b>	<b>11,268</b>	<b>11,415</b>	<b>11,501</b>	<b>11,732</b>	<b>11,966</b>	<b>12,195</b>	<b>12,407</b>	<b>12,677</b>
Change	240	282	350	211	109	170	94	222	82	-2	4	26	-9	1	147	86	231	234	229	212	270
% Change	2.5%	2.9%	3.5%	2.0%	1.0%	1.6%	0.9%	2.0%	0.7%	0.0%	0.0%	0.2%	-0.1%	0.0%	1.3%	0.8%	2.0%	2.0%	1.9%	1.7%	2.2%

NOTE: The subtotals in this table are calculated strictly according to grade and do not match subtotals calculated by actual Elementary, Middle and High School enrollments by school such as in Table 1B. In 1983, 9th graders were moved from Middle Schools to High Schools and in 1993, 6th graders were moved from Elementary Schools to Middle Schools.

**TABLE 3**  
**PERCENT OF CHANGE BY GRADE SPAN**  
**2000-2001 TO 2011-2012**

Year	Grades K-5			Grades 6-8			Grades 9-12			System-Wide		
	Total	% Change	# Change	Total	% Change	# Change	Total	% Change	# Change	Total	% Change	# Change
2000-2001	5,097	-2.3%	-115	2,672	0.8%	22	3,477	2.3%	81	11,246	-0.1%	-12
2001-2002	5,002	-1.9%	-95	2,688	0.6%	16	3,560	2.4%	83	11,250	0.0%	4
2002-2003	4,970	-0.6%	-32	2,688	0.0%	0	3,618	1.6%	58	11,276	0.2%	26
2003-2004	4,938	-0.6%	-32	2,673	-0.6%	-15	3,656	1.1%	38	11,267	-0.1%	-9
2004-2005	4,975	0.7%	37	2,620	-2.0%	-53	3,673	0.5%	17	11,268	0.0%	1
2005-2006	5,133	3.2%	158	2,534	-3.3%	-86	3,748	2.0%	75	11,415	1.3%	147
2006-2007	5,318	3.6%	185	2,474	-2.4%	-60	3,709	-1.0%	-39	11,501	0.8%	86
2007-2008	5,525	3.9%	207	2,509	1.4%	35	3,698	-0.3%	-11	11,732	2.0%	231
2008-2009	5,779	4.6%	254	2,573	2.6%	64	3,614	-2.3%	-84	11,966	2.0%	234
2009-2010	5,984	3.5%	205	2,655	3.2%	82	3,556	-1.6%	-58	12,195	1.9%	229
2010-2011	6,160	2.9%	176	2,724	2.6%	69	3,523	-0.9%	-33	12,407	1.7%	212
2011-2012	6,276	1.9%	116	2,845	4.4%	121	3,556	0.9%	33	12,677	2.2%	270
% Change 2000-2001 to 2011-2012		23.1%			6.5%			2.3%			12.7%	
% Change 2000-2001 to 2006-2007		4.3%			-7.4%			6.7%			2.3%	
% Change 2006-2007 to 2011-2012		18.0%			15.0%			-4.1%			10.2%	

**TABLE 4**  
**ACTUAL SYSTEM ENROLLMENT CHANGE 1967-2006**

Year	Enrollment	Difference from Previous Year	% Change
<b>1967</b>	<b>18,424</b>		
1974	16,152		
1975	15,842	-310	-1.9%
1976	15,242	-600	-3.8%
1977	14,555	-687	-4.5%
1978	13,819	-736	-5.1%
1979	13,050	-769	-5.6%
1980	12,426	-624	-4.8%
1981	11,635	-791	-6.4%
1982	10,898	-737	-6.3%
1983	10,411	-487	-4.5%
1984	10,054	-357	-3.4%
1985	9,700	-354	-3.5%
1986	9,435	-265	-2.7%
1987	9,240	-195	-2.1%
1988	9,142	-98	-1.1%
1989	9,276	+134	+1.5%
1990	9,488	+212	+2.3%
1991	9,728	+240	+2.5%
1992	10,010	+282	+2.9%
1993	10,360	+350	+3.5%
1994	10,571	+211	+2.0%
1995	10,680	+109	+1.0%
1996	10,850	+170	+1.6%
1997	10,944	+94	+0.9%
1998	11,166	+222	+2.0%
1999	11,248	+82	+0.7%
2000	11,246	-2	+0.0%
2001	11,250	+4	+0.0%
2002	11,276	+26	+0.2%
2003	11,267	-9	-0.1%
2004	11,268	+1	0.0%
2005	11,415	+147	1.3%
2006	11,501	+86	0.8%
<b>PROJECTED</b>			
2007	11,732	+231	+2.0%
2008	11,966	+234	+2.0%
2009	12,195	+229	+1.9%
2010	12,407	+212	+1.7%
2011	12,677	+270	+2.2%

Note: Peak enrollment year is in bold.

TABLE 5			
ACTUAL ELEMENTARY SCHOOL ENROLLMENT CHANGE 1961-2006			
Year	Enrollment	Difference from Previous Year	% Change
<b>1961</b>	<b>10,010</b>		
1980	5,790		
1981	5,359	-431	-7.4%
1982	4,948	-411	-7.7%
1983	4,749	-199	-4.0%
1984	4,662	-87	-1.8%
1985	4,662	+0	+0.0%
1986	4,735	+73	+1.6%
1987	4,851	+116	+2.4%
1988	5,007	+156	+3.2%
1989	5,297	+290	+5.8%
1990	5,503	+206	+3.9%
1991	5,647	+144	+2.6%
1992	5,805	+158	+2.7%
1993*	5,216	-589	-11.3%
1994	5,363	+147	+2.7%
1995	5,309	-54	-1.0%
1996	5,318	+9	+0.2%
1997	5,260	-58	-1.1%
1998	5,293	+33	+0.6%
1999	5,212	-81	-1.5%
2000	5,097	-115	-2.2%
2001	5,002	-95	-1.9%
2002	4,970	-32	-0.6%
2003	4,938	-32	-0.6%
2004	4,975	+37	+0.7%
2005	5,133	+158	+3.2%
2006	5,318	+185	+3.6%
PROJECTED			
2007	5,525	+207	+3.9%
2008	5,779	+254	+4.6%
2009	5,984	+205	+3.5%
2010	6,160	+176	+2.9%
2011	6,276	+116	+1.9%

Note: Peak enrollment year in bold.

\*Grade organization changed from K-6 to K-5 configuration.

**TABLE 5B**  
**PERCENT CHANGE IN ELEMENTARY SCHOOL ENROLLMENT**

School	% Change					
	2006-07 to 2005-06	2005-06 to 2004-05	2004-05 to 2003-04	2003-04 to 2002-03	2002-03 to 2001-02	2001-02 to 2000-01
Angier	2.4%	1.9%	-2.2%	-6.3%	-3.9%	-1.4%
Bowen	7.0%	2.9%	11.9%	-0.3%	-4.3%	-8.4%
Burr	6.1%	0.0%	3.6%	1.0%	2.0%	8.9%
Cabot	7.4%	9.5%	1.1%	0.3%	-2.2%	-0.6%
Countryside	-5.6%	3.3%	0.4%	-2.0%	0.4%	-6.0%
Franklin	7.5%	-0.3%	-2.8%	3.4%	-3.5%	2.1%
Horace Mann	1.7%	2.1%	1.2%	0.9%	5.4%	3.3%
Lincoln-Eliot	-0.4%	23.1%	-5.4%	10.0%	-12.7%	-10.3%
Mason-Rice	0.0%	1.9%	3.7%	-3.3%	-1.4%	1.4%
M-Spaulding	5.7%	-1.9%	-4.5%	1.6%	5.5%	-7.7%
Peirce	5.9%	7.0%	5.5%	0.0%	0.4%	-3.9%
Underwood	9.1%	-4.0%	-0.4%	-6.1%	6.5%	4.5%
Ward	-9.5%	0.0%	-4.4%	-2.5%	-7.6%	-6.5%
Williams	7.3%	4.2%	3.9%	-2.3%	1.2%	6.6%
Zervas	10.7%	4.5%	1.1%	-1.0%	4.0%	-1.8%
<b>Total</b>	<b>3.6%</b>	<b>3.2%</b>	<b>0.7%</b>	<b>-0.6%</b>	<b>-0.6%</b>	<b>-1.9%</b>



**TABLE 6**  
**SECONDARY ENROLLMENT CHANGE FOR GRADES 7-12 THROUGH 1992-93**  
**AND GRADES 6-12 FROM 1993-94 THROUGH 2011-12**  
**ACTUAL 1980-2006**

Year	Enrollment	Difference from Previous Year	% Change		
1980	6,636	-270	-3.9%		
1981	6,276	-360	-5.4%		
1982	5,950	-326	-5.2%		
1983	5,662	-288	-4.8%		
1984	5,392	-270	-4.8%		
1985	5,038	-354	-6.6%		
1986	4,700	-338	-6.7%		
1987	4,389	-311	-6.6%		
1988	4,135	-254	-5.8%		
1989	3,979	-156	-3.8%		
1990	3,985	+6	+0.2%		
1991	4,081	+96	+2.4%		
1992	4,205	+124	+2.9%		
1993*	5,144	+939	+18.3%		
1994	5,208	+64	+1.2%		
1995	5,371	+163	+3.0%		
1996	5,532	+161	+2.9%		
1997	5,684	+152	+2.7%		
1998	5,873	+189	+3.2%		
1999	6,036	+163	+2.7%		
2000	6,149	+113	+1.8%		
2001	6,248	+99	+1.6%		
2002	6,306	+58	+0.9%		
2003	6,329	+23	+0.4%		
2004	6,293	-36	-0.6%		
2005	6,282	-11	-0.2%		
2006	6,183	-99	-1.6%		
Projections					
Year	Grades 6-8	Grades 9-12	Total Enrollment	Difference from Previous Year	% Change
2007	2,509	3,698	6,207	+24	+0.4%
2008	2,573	3,614	6,187	-20	-0.3%
2009	2,655	3,556	6,211	+24	+0.4%
2010	2,724	3,523	6,247	+36	+0.6%
2011	2,845	3,556	6,401	+154	+2.5%

\*Secondary school enrollments reflect a change in grade configuration from 7-8 to 6-8 at the middle school level.

## **II. ENROLLMENT PROJECTION METHOD**

### **Kindergarten Projection Methodology**

#### **Accuracy of Projections**

#### **Frequently Asked Questions**

## II. ENROLLMENT PROJECTION METHOD

The enrollment projections are prepared by combining the current year's official enrollment as reported on October 1, 2006 to the Department of Education and other available demographic data for Newton. This data is then applied to a spreadsheet model of five-year average cohort survival calculations. The projections are calculated on an individual school and grade basis and then aggregated into system-wide projections.

Please note that a 3-year cohort survival ratio was used last year to give more weight to the emerging growth trend. A 5-year ratio is used in this projection in order to include the transition from a stable to a growing population. This was done in order to avoid an exaggeration of the growth trend, now in its second year. During periods of relative stability, including 2002 through 2004, a 5-year ratio was also used.

A cohort is defined as a group of students of a specific age or grade level who are at a specific school or are all going to the same school in the next year. Non-resident students are not included in the base for the cohort calculation. These students are added to the total after the calculation. Next year's 6<sup>th</sup> graders at Bigelow, for example, are made up of the 5<sup>th</sup> grade cohorts from Lincoln-Eliot, Underwood, and Ward and approximately half of Cabot, as Cabot is split between Bigelow and Day. The five-year average cohort survival ratio for schools entering Bigelow is 0.99. There are 152 students in the group described above. The cohort calculation therefore yields 151 (152 x 0.99) students entering the 6<sup>th</sup> grade at Bigelow next year.

### **Kindergarten Projection Methodology**

By way of history, because the 2005-06 elementary enrollment surpassed the projections of December 2004, and because the kindergarten enrollment was a significant part of the under-projection, last year's forecast included a new calculation method, simple linear regression, for incoming kindergarten students, and continued to be used in the current enrollment forecast. The cohort survival method continues to be the method for projecting all other students.

A review of twenty years of kindergarten enrollment in Newton shows a return to higher levels of students by the following time periods:

<b>Time Period</b>	<b>Number of K Students</b>
20 year average	817
15 year average	830
10 year average	807
5 year average	830
3 year average	853

A simple linear regression method is used in the current projection model for kindergarten students only. The simple linear regression continues a trend based on the "line of best fit" for an array of data. In the case of the kindergarten enrollment, the array of data contains the years from 2004 through 2006 and the corresponding actual kindergarten enrollment for each year. A three year period was used in order to prevent an under-projection of kindergarten students. Birth data obtained via census (state and local) confirms the trend of increasing students entering Newton Schools, but not increasing numbers of births.

The statistics for the straight line are calculated using the mathematical equation of  $y = mx + b$ , where  $y$  = kindergarten enrollment,  $m$  = the slope of the linear relationship between  $x$  and  $y$ ,  $x$  = the years 2004-2006, and  $b$  = a constant number equal to the value of  $y$  at the point where the line crosses the  $y$ -axis. Once the values of  $m$  and  $b$  are known, one can calculate any point on the line by plugging the  $y$  or  $x$  value into the equation.

Simple linear regression produces total kindergarten populations of:

Year	2007-08	2008-09	2009-10	2010-11	2011-12
K Projection	938	984	1,021	1,067	1,104

A tapering formula was applied to the linear regression method for the later three years of the projection in order to avoid exaggeration of the growth pattern in those years.

The tapering of 2009-10, 2010-11 and 2011-12 uses reductions of 3%, 10% and 25%, respectively. For example, at Lincoln-Eliot, the 3-year kindergarten regression produces a K population of 60 in 2007-08 and 68 in 2008-09. The school year projection of 64 in 2011-12 is calculated by taking a 25% reduction on the change in population between 2007-08 and 2008-09 and multiplying the result by the K population in 2009-10. The equation is as follows:

$$((68-60/60)*-.25+1) * 66 = 64$$

Simple linear regression with tapering produces total kindergarten populations of:

Year	2007-08	2008-09	2009-10	2010-11	2011-12
K Projection with tapering off	938	984	977	976	958

Boston METCO students are added to each elementary school and grade after the projections are computed. Middle and high school cohort survival ratios include all students, both Newton residents and Boston and other non-resident students.

The following factors are integrated in the forecast and include all current School Committee policies on school feeder patterns, split districts, and optional districts. All feeder patterns were reviewed and updated in 2001 to reflect redistricting policies.

- Entering elementary school students from optional districts are now placed based on the actual history of district choices. In the past, they had been split 50/50 for purposes of projections.
- METCO students who will enter the system each year for the next five years are included in the individual elementary school tables by grade, a change from prior years. In previous reports, only one year's METCO students were included on the school tables, while the remainder was counted as a total for the district, but not assigned to schools.
- Numbers of entering middle and high school students are based on percentages of students from lower grade level schools to reflect redistricting, split districts, and optional districts.

Also of interest are the births to kindergarten ratios that are displayed in Table 7. The number of students entering kindergarten in Newton increased each year from 2001 through 2006. Comparing each year's kindergarten number to the number of state recorded Newton births five years prior yields a birth to kindergarten ratio. The ratio rose by 0.08 from 1996 to 1997 and was stable for the next three years. For this year and last, the ratio increased by 0.06 and 0.08, respectively. The current year's ratio of 1.06 continues to be a substantial increase over the prior year as a result of the larger kindergarten class, even as the number of births are declining. This supports evidence of an increased move-in factor in Newton rather than increasing birth rates.

**TABLE 7**  
**RESIDENT BIRTHS TO KINDERGARTEN RATIOS**  
**Using State Data\***

Birth Year	Births to Kindergarten Ratios				
	1997	1998	1999	2000	2001
Birth	832	856	874	886	834
Kindergarten Year	2002	2003	2004	2005	2006
Kindergarten	792	796	805	867	887
Ratio	0.95	0.93	0.92	0.98	1.06

\*Data source is the Massachusetts Department of Public Health, Vital Statistics (obtained through NESDEC).

### **Accuracy of Projections**

The question is often asked, "How accurate are the projections?" Several tables are included to show how accurately the projections match actual enrollment. Table 8 shows what the projections were for the current year (2006-07), subtotaled by elementary, middle and high school, as predicted one, two, and three years ago. Table 9 provides a one-page summary of last year's projections. The projection of 11,443 students was 99.5% accurate (or within - 0.5%) for the whole system, with an under projection of 58 students. Table 11 shows that this is more accurate than projections of 5 of the last 7 years and is due in part to changing the methodology of projecting incoming kindergarteners.

Table 10 provides school and grade detail comparing the 2006-07 enrollment to the projections made last year. Elementary enrollment is the least accurate as compared to projections, within 86 students, or 1.6% of projection. Middle schools are within 18 students, or 0.7% of projection, and High schools are within 46 students, or -1.2% of projection. Individual school projections and enrollments by grade level vary. Kindergarten represents the grade most different from projection with a difference of 69 students, or 887 students vs. 818 per last year's forecast. The first grade enrollment is lower by 5 students versus the projection of 921, while second grade is higher by 24 students versus projection. Projection variances for all other grades ranged from 1 to 8 students at the middle schools. High school variances included 9 students in ninth grade, 23 students in eleventh grade and 24 students in Special Education and Post Graduate.

**TABLE 8**  
**PROJECTION HISTORY FOR 2006-07**

Date Projected	Elementary	Middle	High School	Total
Fall, 2003	4,994	2,463	3,691	11,148
Fall, 2004	4,997	2,459	3,686	11,142
Fall, 2005	5,232	2,456	3,755	11,443
Actual, Oct-06	5,318	2,474	3,709	11,501

Descriptive data received from the schools in the past on students entering the district shows students may have moved from another country, another state, a private school within Massachusetts, or a public school within Massachusetts. This data is not available for entering kindergarten students as all students are considered “new.”

In past years, the enrollment analysis included projections for the Newton Public Schools from NESDEC (the New England School Development Council). This year, with the number of kindergarten students continuing to increase and with a spark in construction and planning of residential developments, NESDEC required further study in order to perform a comprehensive analysis to reflect these factors. In future years, it may be beneficial to have a more comprehensive analysis from NESDEC as actual enrollment trends continue to be monitored closely.

**TABLE 9  
COMPARISON OF OCTOBER, 2005 AND OCTOBER, 2006 ENROLLMENTS AND  
COMPARISON OF PROJECTED WITH ACTUAL OCTOBER, 2006 ENROLLMENT**

<b>SCHOOLS</b>	<b>OCTOBER 2005 ACTUAL</b>	K	1	2	3	4	5	Spec. Ed. Class	<b>OCTOBER 2006 ACTUAL</b>	DIFF. 2005- 2006	% DIFF.	2006 Projected*	DIFF. ACTUAL/ PROJ.	% DIFF.
Angier	370	60	62	69	62	66	60		379	9	2.4%	369	10	2.6%
Bowen	386	83	77	74	65	54	60		413	27	7.0%	400	13	3.1%
Burr	314	60	50	58	61	44	60		333	19	6.1%	327	6	1.8%
Cabot	391	71	77	80	61	66	65		420	29	7.4%	414	6	1.4%
Countryside	463	70	70	72	75	71	79		437	-26	-5.6%	464	-27	-6.2%
Franklin	385	69	82	64	63	57	65	14	414	29	7.5%	389	25	6.0%
Horace Mann	344	58	60	68	62	43	59		350	6	1.7%	354	-4	-1.1%
Lincoln-Eliot	282	47	62	41	46	44	41		281	-1	-0.4%	294	-13	-4.6%
Mason-Rice	372	58	70	56	69	67	52		372	0	0.0%	368	4	1.1%
Memorial-Spaulding	419	74	64	73	76	84	72		443	24	5.7%	431	12	2.7%
Peirce	306	49	49	59	64	56	47		324	18	5.9%	319	5	1.5%
Underwood	264	49	49	39	56	56	39		288	24	9.1%	253	35	12.2%
Ward	262	31	46	38	34	47	41		237	-25	-9.5%	259	-22	-9.3%
Williams	275	52	43	59	43	50	48		295	20	7.3%	281	14	4.7%
Zervas	300	56	55	45	59	54	63		332	32	10.7%	310	22	6.6%
<b>SUB-TOTAL</b>	<b>5,133</b>	887	916	895	896	859	851	14	<b>5,318</b>	185	3.6%	5,232	86	1.6%
<b>SCHOOLS</b>					6	7	8							
Bigelow	496				169	167	159	0	495	-1	-0.2%	502	-7	-1.4%
Brown	705				225	201	236	3	665	-40	-5.7%	687	-22	-3.3%
Day	768				236	257	254	0	747	-21	-2.7%	729	18	2.4%
Oak Hill	565				194	185	188	0	567	2	0.4%	538	29	5.1%
<b>SUB-TOTAL</b>	<b>2,534</b>				824	810	837	3	<b>2,474</b>	-60	-2.4%	2,456	18	0.7%
<b>SCHOOLS</b>				9	10	11	12	Sp & PG**						
North	2,047			463	454	502	480	65	1,964	-83	-4.1%	1,990	-26	-1.3%
South	1,701			442	457	425	402	19	1,745	44	2.6%	1,765	-20	-1.1%
<b>SUB-TOTAL</b>	<b>3,748</b>			905	911	927	882	84	<b>3,709</b>	-39	-1.0%	3,755	-46	-1.2%
<b>GRAND TOTAL</b>	<b>11,415</b>							101	<b>11,501</b>	86	0.8%	11,443	58	0.5%

\*Beginning in 2001, Metco students were included in each of the elementary schools' projected enrollments.

\*\*North includes 2 Post Graduates and 63 students receiving Special Education services outside of the classroom for a significant amount of time.  
South includes 19 students receiving Special Education services outside of the classroom for a significant amount of time.

**TABLE 10  
ACTUAL AND PROJECTED ELEMENTARY ENROLLMENTS BY SCHOOL 2006-07**

Grade	Angier		Bowen		Burr		Cabot		Countryside	
	Actual 06/07	Proj. 06/07	Actual 06/07	Proj. 06/07	Actual 06/07	Proj. 06/07	Actual 06/07	Proj. 06/07	Actual 06/07	Proj. 06/07
K	60	59	83	60	60	47	71	59	70	71
1	62	62	77	84	50	47	77	82	70	80
2	69	70	74	74	58	63	80	79	72	69
3	62	55	65	60	61	61	61	61	75	83
4	66	65	54	60	44	51	66	68	71	80
5	60	58	60	62	60	58	65	65	79	81
Sp. Ed.	0	0	0	0	0	0	0	0	0	0
Total	379	369	413	400	333	327	420	414	437	464

Grade	Franklin		Horace Mann		Lincoln-Eliot		Mason-Rice		M-Spaulding	
	Actual 06/07	Proj. 06/07	Actual 06/07	Proj. 06/07	Actual 06/07	Proj. 06/07	Actual 06/07	Proj. 06/07	Actual 06/07	Proj. 06/07
K	69	68	58	59	47	47	58	57	74	71
1	82	75	60	58	62	72	70	72	64	62
2	64	55	68	61	41	34	56	60	73	69
3	63	60	62	65	46	47	69	67	76	80
4	57	50	43	54	44	50	67	60	84	78
5	65	63	59	57	41	44	52	52	72	71
Sp. Ed.	14	18	0	0	0	0	0	0	0	0
Total	414	389	350	354	281	294	372	368	443	431

Grade	Peirce		Underwood		Ward		Williams		Zervas	
	Actual 06/07	Proj. 06/07	Actual 06/07	Proj. 06/07	Actual 06/07	Proj. 06/07	Actual 06/07	Proj. 06/07	Actual 06/07	Proj. 06/07
K	49	46	49	40	31	40	52	46	56	48
1	49	53	49	39	46	46	43	43	55	46
2	59	60	39	36	38	40	59	52	45	49
3	64	62	56	49	34	37	43	46	59	58
4	56	58	56	50	47	51	50	46	54	51
5	47	40	39	39	41	45	48	48	63	58
Sp. Ed.	0	0	0	0	0	0	0	0	0	0
Total	324	319	288	253	237	259	295	281	332	310

Grade	TOTAL ELEM.		N Diff	% Diff.
	Actual 06/07	Proj. 06/07		
K	887	818	69	8.4%
1	916	921	-5	-0.5%
2	895	871	24	2.8%
3	896	891	5	0.6%
4	859	872	-13	-1.5%
5	851	841	10	1.2%
Sp. Ed.	14	18	-4	-22.2%
Total	5,318	5,232	86	1.6%



**TABLE 10 (CONT.)  
ACTUAL AND PROJECTED SECONDARY ENROLLMENTS BY SCHOOL 2006-07**

Grade	Bigelow		Brown		Day		Oak Hill	
	Actual 06/07	Proj. 06/07	Actual 06/07	Proj. 06/07	Actual 06/07	Proj. 06/07	Actual 06/07	Proj. 06/07
6	169	176	225	238	236	229	194	174
7	167	167	201	207	257	246	185	182
8	159	159	236	240	254	254	188	182
Sp. Ed.	0	0	3	2	0	0	0	0
Total	495	502	665	687	747	729	567	538

Grade	TOTAL MIDDLE		N Diff.	% Diff.
	Actual 06/07	Proj. 06/07		
6	824	817	7	0.9%
7	810	802	8	1.0%
8	837	835	2	0.2%
Sp. Ed.	3	2	1	50.0%
Total	2,474	2,456	18	0.7%

Grade	North		South		TOTAL HIGH		N Diff.	% Diff.
	Actual 06/07	Proj. 06/07	Actual 06/07	Proj. 06/07	Actual 06/07	Proj. 06/07		
9	463	477	442	437	905	914	-9	-1.0%
10	454	467	457	464	911	931	-20	-2.1%
11	502	495	425	409	927	904	23	2.5%
12	480	481	402	417	882	898	-16	-1.8%
Sp. Ed. & PG	65	70	19	38	84	108	-24	-22.2%
Total	1,964	1,990	1,745	1,765	3,709	3,755	-46	-1.2%

Division	Actual 06/07	Proj. 06/07	N Diff.	% Diff.
Elementary	5,318	5,232	86	1.6%
Middle	2,474	2,456	18	0.7%
Sr. High	3,709	3,755	-46	-1.2%
Total	11,501	11,443	58	0.5%

**TABLE 11  
ACTUAL AND PROJECTED K-12 ENROLLMENTS 1999-00 TO 2011-12**

Grade	Actual 99/00	Proj. 99/00	Actual 00/01	Proj. 00/01	Actual 01/02	Proj. 01/02	Actual 02/03	Proj. 02/03	Actual 03-04	Proj. 03-04	Actual 04/05	Proj. 04/05	Actual 05/06	Proj. 05/06	Actual 06/07	Proj. 06/07	Proj. 07/08*	Proj. 08/09	Proj. 09/10	Proj. 10/11	Proj. 11/12
K	787	828	736	725	766	766	792	735	796	800	805	765	867	751	887	818	939	986	987	983	974
1	866	866	804	804	749	750	805	793	837	833	856	828	853	838	916	921	941	1000	1042	1045	1038
2	867	849	857	874	811	805	795	766	828	830	836	865	868	878	895	871	945	972	1033	1074	1075
3	901	905	889	870	849	865	815	813	818	804	831	839	860	848	896	891	920	968	996	1059	1099
4	887	874	901	907	896	892	855	856	817	829	819	827	847	838	859	872	909	932	981	1007	1072
5	885	872	894	894	916	905	894	906	832	873	811	821	820	819	851	841	857	907	931	978	1004
Sp. Ed.	19	16	16	19	15	16	14	15	10	14	17	10	18	17	14	18	14	14	14	14	14
New Metco		40		36		37															
Total	5,212	5,250	5,097	5,129	5,002	5,036	4,970	4,884	4,938	4,983	4,975	4,955	5,133	4,989	5,318	5,232	5,525	5,779	5,984	6,160	6,276
6	911	933	869	870	858	880	916	886	895	878	829	819	804	804	824	817	859	869	911	929	991
7	843	857	930	909	881	879	875	870	902	932	889	902	836	836	810	802	831	864	875	916	933
8	846	858	851	851	923	942	884	890	867	886	898	903	892	888	837	835	816	837	866	876	918
Sp. Ed.	40	64	22	40	26	22	13	26	9	13	4	9	2	4	3	2	3	3	3	3	3
Total	2,640	2,712	2,672	2,670	2,688	2,723	2,688	2,672	2,673	2,709	2,620	2,633	2,534	2,532	2,474	2,456	2,509	2,573	2,655	2,724	2,845
9	918	891	872	897	868	885	925	964	899	922	892	894	919	914	905	914	858	831	851	881	893
10	875	870	888	925	872	867	865	873	933	926	899	894	906	886	911	931	914	862	835	853	884
11	755	789	867	864	877	878	887	863	863	866	925	923	898	896	927	904	920	921	870	841	860
12	772	761	765	757	864	868	855	880	890	891	860	862	917	923	882	898	922	916	916	864	835
Sp. Ed. & PG	76	79	85	76	79	85	86	79	71	86	97	71	108	97	84	108	84	84	84	84	84
Total	3,396	3,390	3,477	3,519	3,560	3,583	3,618	3,659	3,656	3,691	3,673	3,644	3,748	3,716	3,709	3,755	3,698	3,614	3,556	3,523	3,556
K-12 TOTAL	11,248	11,352	11,246	11,318	11,250	11,342	11,276	11,215	11,267	11,383	11,268	11,232	11,415	11,237	11,501	11,443	11,732	11,966	12,195	12,407	12,677
% Change		-0.9%		-0.6%		-0.8%		0.5%		-1.0%		0.3%		1.6%		0.5%	N/A	N/A	N/A	N/A	N/A

\*The 2007-08 school year projections include 27 new Metco students at the elementary level.

**TABLE 12**  
**AVALON AT NEWTON HIGHLANDS**  
**NUMBER OF SCHOOL-AGED CHILDREN IN RESIDENCE**

<b>Age</b>	<b>Grade</b>	<b>Children in Residence</b>	<b>Originally from Newton</b>	<b>Attend Newton Public Schools</b>	<b>Attend Private School</b>
5	K	7	2	7	0
6	1	5	2	3	2
7	2	8	4	8	0
8	3	5	1	2	3
9	4	4	2	3	1
10	5	5	4	4	1
11	6	10	2	4	6
12	7	6	2	6	0
13	8	4	1	3	1
14	9	6	3	6	0
15	10	7	2	4	3
16	11	7	0	5	2
17	12	8	2	5	3
<b>TOTAL</b>		<b>82</b>	<b>27</b>	<b>60</b>	<b>22</b>

**NOTES:**

- 1) The total of 82 children was as per the rental office on 11/3/06. All children are currently in residence, with no pending move-outs.
- 2) Twenty-seven children, (33%) moved to Avalon from within Newton, while 55 are new to Newton.
- 3) The 60 children who attend the Newton Public Schools attend the following: Countryside Elementary (27), Brown Middle (8), Bigelow Middle (1), Oak Hill Middle (4), and South High (20).
- 4) Private school data is estimated as per the rental office. Final counts generated in-house will be available in February 2007.

**UNITS LEASED**  
**WITH TOTAL NUMBER OF UNITS IN PARENTHESES**

	<b>Studio</b>	<b>1 Bedroom</b>	<b>2 Bedroom</b>	<b>3 Bedroom</b>	<b>Total</b>
Market	6 (of 6)	66 (of 66)	98 (of 103)	45 (of 45)	215 (of 220)
Affordable	0 (of 0)	24 (of 24)	35 (of 35)	15 (of 15)	74 (of 74)
Total	6 (of 6)	90 (of 90)	133 (of 138)	60 (of 60)	289 (of 294)

**The complex is 98% leased as of 11/3/06, considered in the industry to be at "full" occupancy.**

<b>TOTAL NEWTON PUBLIC SCHOOL ENROLLMENT AT FULL OCCUPANCY: 60</b>
--------------------------------------------------------------------

**TABLE 13**  
**AVALON AT CHESTNUT HILL**  
**NUMBER OF SCHOOL-AGED CHILDREN IN RESIDENCE**

Age	Grade	Children in Residence	Originally from Newton	Attend Newton Public Schools	Attend Private School
5	K	1	1	1	
6	1	1		1	
7	2	1		1	
8	3				
9	4				
10	5				
11	6	1		1	
12	7	1	1	1	
13	8	1		1	
14	9	1			1
15	10				
16	11	1	1	1	
17	12				
<b>TOTAL</b>		<b>8</b>	<b>3</b>	<b>7</b>	<b>1</b>

**NOTES:**

- 1) The total of 8 children was as per the rental office on 11/13/06.
- 2) Three children, (38%) moved to Avalon at Chestnut Hill from within Newton, while 5 are new to Newton.
- 3) The 7 children who attend the Newton Public Schools attend the following: Bowen Elementary (3), Oak Hill Middle (3) and South High (1).
- 4) Private school data is estimated as per the rental office. Final counts generated in-house will be available in February 2007.

**UNITS LEASED**  
**WITH TOTAL NUMBER OF UNITS IN PARENTHESES**

	Studio	1 Bedroom	2 Bedroom	3 Bedroom	Total
Market	0 (of 4)	11 (of 27)	12 (of 93)	5 (of 37)	28 (of 161)
Affordable	1 (of 1)	7 (of 8)	20 (of 25)	8 (of 9)	36 (of 43)
Total	1 (of 5)	18 (of 35)	32 (of 118)	13 (of 46)	64 (of 204)

**The complex is 31% leased as of 11/13/06. Of the 64 units leased, 29 are occupied and 35 have filled out applications but are not yet finalized. These units are considered by the rental office to be leased.**

<b>TOTAL NEWTON PUBLIC SCHOOL CURRENT ENROLLMENT: 7</b>
---------------------------------------------------------

**TABLE 13 (CONTINUED)**  
**AVALON AT CHESTNUT HILL**  
**PROJECTED NUMBER OF SCHOOL-AGED CHILDREN IN RESIDENCE**

**TOTAL UNITS\***

	Studio	1 Bedroom	2 Bedroom	3 Bedroom	Total
Market	4	27	93	37	161
Affordable	1	8	25	9	43
<b>Total</b>	<b>5</b>	<b>35</b>	<b>118</b>	<b>46</b>	<b>204</b>

\* Per Avalon Bay Communities, Inc., the complex opened in September, 2006, with construction completion estimated by December 2006, at which time 50% occupancy is possible; 95% occupancy by Summer, 2007. The complex is 31% leased as of November 13, 2006.

**ESTIMATED RATIOS OF SCHOOL-AGED CHILDREN BY UNIT\*\***

	Studio	1 Bedroom	2 Bedroom	3 Bedroom
Market	0.00	0.00	0.12	0.45
Affordable	0.00	0.00	0.56	1.57
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.67</b>	<b>2.03</b>

\*\* Estimated ratios provided by Avalon Bay Communities, Inc., using historical data from Avalon at Newton Highlands and other Avalon Properties.

**ESTIMATED NUMBER OF SCHOOL-AGED CHILDREN BY UNIT\*\*\***

	Studio	1 Bedroom	2 Bedroom	3 Bedroom	Total
Market	0	0	11	16	27
Affordable	0	0	14	14	28
<b>Total</b>	<b>0</b>	<b>0</b>	<b>25</b>	<b>30</b>	<b>55</b>

\*\*\* Using actual experience ratios from Avalon at Newton Highlands, assume 40 children, or 72% of the 55 children, attend NPS. Assume as well that 42% are elementary, 19% are middle school, 35% are high school and 4% are early childhood.

**ESTIMATED NEWTON PUBLIC SCHOOLS ATTENDANCE\*\*\*\***

	Dec 06 (50% Occ.)	Sept 07 (100% Occ.)	Sept 08 (100% Occ.)	Sept 09 (100% Occ.)	Sept 10 (100% Occ.)
Early Childhood	1	2	2	2	2
Bowen	8	16	15	16	18
Oak Hill	4	8	8	9	8
South	7	14	15	13	12
<b>Total</b>	<b>20</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>

\*\*\*\* Using actual experience ratios from Avalon at Newton Highlands, assume 34% of 40 children, or 14 children, moved from within the Newton Public Schools. Assume 26 children are new to Newton.

## Frequently Asked Questions – Update as of November 2006

### ***1. Why do we need to know how many students may be attending each school in Newton in future years?***

Enrollment projections are useful for decision-making and planning. With an increased demand on limited local financial resources, accurate projections have become increasingly important. Correctly crafted, presented and interpreted projections are a worthy investment in the planning process. We are better able to plan the budgets, including capital improvements, classroom space requirements, sufficient teacher workforce and staffing, instructional materials, transportation and so forth. The negative effects of planning without adequate data begin with the stress of making sudden adjustments to accommodate unanticipated changes in the school population. In addition to the projections, school principals provide critical data on enrollments and registrations each spring.

### ***2. Why can't the principals count the students who are in their school and add the students who are coming next year?***

This technique may work very well in small, stable communities for a single year's projection. However, larger communities like Newton, with a need for long-term planning, require more complex approaches in order to forecast enrollment trends some years into the future. Recent research done on Newton's high school enrollment showed that a significant number of students enter and exit the system during the school year and during each summer. A small number of students also transfer between the two high schools. Reliance on class lists would provide a less accurate picture than the use of a statistical model that accounts for movements in and out of each school and the system as a whole. It is worth noting that Newton's elementary school principals submit expected numbers of pupils in May so that planning for classrooms and teaching staff can proceed with the most recent information. For the current school year, 2006-07, the principals' projections were closer than the December 2005 forecast to the actual enrollment in October 2006, although still short of the actual number of students enrolled in elementary schools.

### ***3. What is Newton's four year old population and why aren't they the basis of the kindergarten projection?***

The current and recent Newton Census shows the following four year old population statistics:

Year	1999	2000	2001	2002	2003	2004	2005	2006
4-year olds	775	828	781	828	796	767	770	723
K population	787	736	766	792	796	805	867	887

The reason it is difficult to project each kindergarten class from this data is that a number of four year olds remain in private pre-school or kindergarten. In addition, a significant number of families move to Newton prior to kindergarten entrance and the data does not yield a clear correlation in specific school neighborhoods from one year to the next. In addition, kindergarten enrollments have increased over the past six years, while the four year old population, according to the City Census, has declined in four of the six years.

#### **4. *How complex are projection methods?***

Enrollment projection procedures are somewhat complex, but, like most statistical methods, they can be explained and replicated. For example, last year in the Horace Mann district there were 61 second grade students. This year, in the same district, there were 62 third grade students. This movement yields a ratio of 1.016. This ratio is averaged with the ratios of the previous four years. The resulting ratio of 1.05 is multiplied by the current number of second graders (68) to calculate the projected number of third graders for next year (72). These forecasts help communities to better understand the impact of trends and changes in enrollment, migration and births on school population. All projections are based on underlying assumptions that use historical school enrollment and census data. For the current projections, a simple linear regression method is used to project kindergarten enrollment, to more accurately capture recent trends using the recent growth history of the past three years. The simple linear regression continues a trend based on the “line of best fit” for an array of data. In the case of the kindergarten enrollment, the array of data contains the years from 2004 through 2006 and the corresponding actual kindergarten enrollment for each year. The statistics for the straight line are calculated using the mathematical equation of  $y = mx + b$ , where  $y$  = kindergarten enrollment,  $m$  = the slope of the linear relationship between  $x$  and  $y$ ,  $x$  = the years 2004-2006, and  $b$  = a constant number equal to the value of  $y$  at the point where the line crosses the  $y$ -axis. Once the values of  $m$  and  $b$  are known, one can calculate any point on the line by plugging the  $y$  or  $x$  value into the equation. A tapering formula was applied to the linear method for years 2009-10, 2010-11 and 2011-12 in order to avoid exaggeration of the growth pattern in future years.

#### **5. *What procedures are used in other school systems across the United States?***

Most school systems use the “Cohort Survival” method, or some variation, as the technique to provide enrollment forecasts. The basic unit used in this technique is the ratio, a measure that expresses the relative size of two numbers. The cohort survival ratio method models and calculates the flow of a cohort or age group of pupils through the system from one grade to the next over a number of years.

The ratios are influenced by several variables--census data, fertility rates, migration patterns, non-public school enrollment patterns, frequency of promotions or retentions, drop-out rates, the proportion of the City school-age population, housing patterns, the number of building permits issued, and other urban trends. Because these variables change from year to year and from school to school, an average ratio of three to five years is used to project for the future. The more stable the community or the individual school neighborhood, the easier and more reliable the projections.

The advantages of this type of model are: (1) it captures the multiple forces which affect population changes (move-ins, move-outs, transfers between schools); and (2) it distinguishes changes in each age group rather than looking at a composite of all changes.

A limited number of school systems have prepared enrollment forecasts using other procedures. For example, regression analysis utilizing the same predictors - births and past tendencies of school children to advance from one grade to the next - can be employed. Other methods include: Growth technique (establishes a district level enrollment curve based on ratios, migration, retention, drop-outs, private school enrollment, etc.); historical comparison of dwellings to enrollment used to base

projections; method of analogy (analysis of national trends or local growth influence on district enrollment); and the multiple factor method (study of the social and economic factors influence on enrollment).

#### **6. *What procedure has been historically utilized in Newton?***

The cohort survival ratio method for system-wide projections with adjustments, if appropriate, at the school level has been used for many years. In the past, a combination of three-year and five-year average ratios has been used. This report includes only five-year ratios in order to provide a consistent timeframe for the model across all schools. As mentioned above, a linear regression replaced the cohort survival method for kindergarten projections only. This was used to provide a kindergarten population that more accurately matches the trends in Newton.

#### **7. *How accurate are projections?***

The quality of the data obviously influences the accuracy of the projections. Cohort survival relies on data that is usually readily available and reasonably reliable - census data on births and past enrollments.

"Goodness of fit," a measure of the percentage of error, is determined by dividing the actual enrollment figure by the projected enrollment figure for each level. The errors are the magnitude of the percentage difference between projected and actual enrollments. A small percentage of error is preferred. Research literature indicates that total school district enrollment may be projected with an accuracy of plus or minus 1%, yet an individual school's error rate might exceed 10%. Past system-wide error rates in Newton have been low, at around +/-1%, while grade level and school based projections have been significantly higher. Tables 9, 10 and 11 show the accuracy of projections at the system level and also school by school and grade by grade. In 2004-05 and 2006-07, actual enrollments were very close to projections at 0.3% and 0.5%, respectively; in 2005-06 the actual enrollments were within 1.6% of projections for the district on the whole. The 2005-06 variance led to a review of the underlying census data and the decision to change the kindergarten projection method.

In summary, short-term projections are generally more accurate than long-term projections. Projections for districts with larger enrollments are more accurate than those for smaller districts. System-wide projections are more accurate than individual school projections. Error is especially important to consider when reviewing the data beyond 2010-11. These projections, *at best*, provide only the direction or trend enrollments will take through the later 2000's. This is because beyond 2010-11, elementary enrollments must be based on predicted births in calendar year 2006 – a year that is not yet complete, and for which data has not yet been 100% collected. Secondary level enrollments can be projected beyond that point with a greater assurance of reliability.

#### **8. *Are the sales of homes in Newton considered in the projections?***

The turnover of homes in Newton is reflected in the population changes at each school and these determine the cohort survival rates at each school and grade. The sales themselves are not counted in the projection formula. This report includes data on home sales broken down by school districts as well as historical data for Newton and for Massachusetts. Refer to Appendix E on pages 102-106 for more information.



## **III. ENROLLMENT HISTORY**

### **Grade-by-Grade Analysis**

#### **Elementary, Middle and High School Analyses**

#### **Comparison to Peak Enrollment Years**

### **III. ENROLLMENT HISTORY**

This section of the report looks at historical enrollment patterns in three ways. The first is on a grade-by-grade basis, tracking the in and out-migration of students as each kindergarten class moves through the system. The second combines grades into groupings appropriate for Newton, including K-5, 6-8, and 9-12, with their growth/decline patterns noted. The third reviews historical enrollment patterns on a school-by-school basis.

#### **Grade-by-Grade Analysis**

Table 15 shows Newton's historical cohort survival ratios by grade for the sixteen years from 1991-92 through 2006-07. This table shows the net in/out migration patterns for each grade level. Ratios greater than 1 indicate growth and ratios less than 1 indicate a decrease in the trend. Note that each cohort moving from K-1 has a survival ratio greater than one. This indicates net in-migration as a class or cohort moves from K to grade 1. This year, the ratio from grade 1 to grade 2 was the second highest of the last 16 years, at 1.05. Grade 2 to grade 3 was also high, at 1.03, continuing the same trend as last year. This year, six of the twelve ratios are above 1.0 and range from 1.01 in grades 6 to 7 and 8 to 9 to 1.06 in K to grade 1. Four of the twelve ratios are 1.0 and only grade 9 to grade 10 (0.99) and grade 11 to grade 12 (0.98) are below 1.0.

In past years, the transition from elementary school to middle school has been marked by net out-migration between grades 5 to 6, as some students leave to enroll in private or parochial schools. Last year, after three years in a row of no net out-migration between grades 5 and 6, or a cohort survival ratio of 1 (See Table 15), there was slight out migration with a ratio of .99 for grades 5 to 6. This year, the ratio is back up to 1.

Table 14 shows the changes in size of each class from 2005-06 to 2006-07, and all migrations were positive, except for grades 3 to 4, 9 to 10 and 11 to 12. The increase from kindergarten to grade one was 49 students. There was a net in-migration between grades 1 and 2 (+42), grades 2 and 3 (+28), and grades 4 and 5 (+4). There were increases at middle school grades 6 to 7 (+6) and grades 7 to 8 (+1) and grades 8 to 9 (+13). For the high schools, there was in migration for grades 8 to 9 (+13) and grades 10 to 11 (+21).

#### **Elementary, Middle and High School Analyses**

##### **Elementary Schools**

After two decades of enrollment decline, K-5 enrollments began to increase in 1986 and continued to increase through 1992-93. Since 1992-93, the total K-5 enrollment has increased by a net of 283 students. After increasing by 37 students in 2004-05, last year's enrollment of 5,133 students was an increase of 158 students over the year before, followed by an increase of 185 this school year, indicating the existence of a probable sustained period of growth for the elementary schools. The current school year, 2006-07, is the third year of consecutive growth.

Total elementary enrollment was within 1.6% of what had been projected, coming in at 5,318 versus the projection of 5,232. The degree of accuracy of the projections varied across the elementary schools. The projections for five schools, or one third of all schools, were within 6 students of actual enrollment. Enrollments at eleven schools were higher than projected, while enrollments at four schools were below the projections. The largest variances to

projections were at Countryside (-27), Franklin (+25), Underwood (+35), Ward (-22) and Zervas (+22).

It is important to note that projections by school and grade for small populations are unlikely to yield less than 1% error ranges. Projections prepared for the total school population did yield 0.5% accuracy, but do not give the detailed data required for planning purposes.

The elementary variance of 86 additional students versus projections can be viewed by grade as well as by school (see Table 10). The combined kindergarten variance of +69 students is the most significant grade variance, followed by grade 2 with a variance of +24. Grade 1 varied by -5 and grade 4 by -13, and these were the only negative variances.

Enrollments increased since last year in eleven of the fifteen elementary schools. Zervas had the largest increase, at 10.7%, followed by Underwood at 9.1%. Three elementary schools experienced declines since last year. Ward and Countryside showed the greatest percent of decline with -9.5% and -5.6%, respectively. Mason-Rice was the only school with the exact same number of students as last year.

### **Middle Schools**

A comparison of current enrollments with the projections prepared last year shows an overall variance of 18 more students across the four schools. Brown had the largest negative variance at -3.3% from projections; Oak Hill had the largest positive variance with 29 (+5.1%) more students than projected. Bigelow came in 7 students less than projected, while Day had 18 more than projected.

Middle school enrollment fell to a low of 1,827 in 1988-89, the lowest year going back even prior to 1969. Today's enrollment of 2,474 is an increase of 647 students, or +35%, from 1988-89. This year's middle school enrollment is down by 60 students versus one year ago. Exit data shows that 32 of the 892 eighth graders and 57 of the 2,534 students in all grades left to attend private high schools.

### **High Schools**

The 2003-04 school year commenced the redistricting effort as part of a multi-year plan to equalize enrollment at the two high schools. North High's 2006-07 enrollment of 1,964 students is 83 students less than last year and 26 students less than projected. Ten students left North during or after the 2005-06 school year to attend private schools. Seventy-nine additional students left North for other reasons, primarily due to moving.

South High School's current enrollment of 1,745 is an increase of 44 students over last year, and 20 students less than projected. Exit data for South reveals that 81 students left South during or after the 2005-06 school year. Of the 81 students, 47 moved out of Newton or left the country, while 18 students left to attend private schools. The remaining 16 students left for a variety of other reasons.

Eighty-eight percent of the 2005-06 Brown Middle School eighth graders went on to attend Newton South High School in the 2006-07 school year, and 12% went to North High School. Note the percentage going on to South dropped from the year before, when 93% of 2004-05 Brown Middle School eighth graders went on to attend South High School. The prior year, 84% of 2003-04 Brown Middle School eighth graders went on to attend South High School in

2004-05, and 16% went on to North High School. A ratio of 90% to 10% is used in the enrollment projections.

High school enrollment was at its lowest point in school year 1990-91, with 2,680 students. Today's enrollment of 3,709 students is 1,029 greater than the historical low, an increase of 38%.

**Comparison to Peak Enrollment Years**

Total 2006-07 enrollment of 11,501 is 62% of the 1967 peak enrollment of 18,424. North High School enrollment has declined by 1,012 students, or 34%, since the 1972 peak enrollment year of 2,976. At that point in time, the school held only grades 10 through 12. South High School enrollment has increased by 67 students, or 4%, above the 1967 peak enrollment year of 1,678.

<u>Peak</u>	<u>Enrollment</u>	<u>Year</u>	<u>Number of K -12 Schools</u>
K-12	18,424	1967	23 Elementary, 5 Jr. Highs, 2 Sr. Highs
K-6	9,887	1960	25 Elementary, 5 Jr. Highs, 2 Sr. Highs, 1 Technical High School
North High	2,976	1972	23 Elementary, 5 Jr. Highs, 2 Sr. Highs
South High	1,678	1967	23 Elementary, 5 Jr. Highs, 2 Sr. Highs
<u>Current</u>			
K-12	11,501		15 Elementary, 4 Middle Schools, 2 Sr. Highs
K-5	5,318		
6-8	2,474		
9-12	3,709		
North High	1,964		
South High	1,745		

**TABLE 14  
ENROLLMENTS BY GRADE\*  
2005 and 2006**

Grade	October 1 Enrollment		Changes in Enrollment 2005-2006 to 2006-2007		
	2005	Net Migration 2006	N	%	
K	867	+49	887	+20	+2.3%
1	853	+42	916	+63	+7.4%
2	868	+28	895	+27	+3.1%
3	860	-1	896	+36	+4.2%
4	847	+4	859	+12	+1.4%
5	820	+4	851	+31	+3.8%
Special Education	18		14	-4	-22.2%
<b>TOTAL ELEMENTARY SCHOOLS</b>	<b>5,133</b>		<b>5,318</b>	<b>+185</b>	<b>+3.6%</b>
6	804	+6	824	+20	+2.5%
7	836	+1	810	-26	-3.1%
8	892	+13	837	-55	-6.2%
9	919	-8	905	-14	-1.5%
10	906	+21	911	+5	+0.6%
11	898	-16	927	+29	+3.2%
12	917		882	-35	-3.8%
Spec. Education and Postgraduates	110		87	-23	-20.9%
<b>TOTAL SECONDARY SCHOOLS</b>	<b>6,282</b>		<b>6,183</b>	<b>-99</b>	<b>-1.6%</b>
<b>GRAND TOTAL</b>	<b>11,415</b>		<b>11,501</b>	<b>+86</b>	<b>+0.8%</b>

\*All tables in this report include students participating in the Metco Program.

**TABLE 15  
HISTORICAL COHORT SURVIVAL RATIOS BY GRADE**

<b>School Year</b>	<b>K-1</b>	<b>1-2</b>	<b>2-3</b>	<b>3-4</b>	<b>4-5</b>	<b>5-6</b>	<b>6-7</b>	<b>7-8</b>	<b>8-9</b>	<b>9-10</b>	<b>10-11</b>	<b>11-12</b>
<b>91-92</b>	1.04	1.00	1.00	0.99	0.99	1.01	0.97	1.02	1.05	1.04	1.00	1.00
<b>92-93</b>	1.05	1.00	1.01	1.00	0.99	1.00	0.96	1.02	1.02	1.04	0.99	1.02
<b>93-94</b>	1.05	1.02	1.03	0.99	0.97	0.99	0.96	1.02	1.04	1.03	1.03	0.99
<b>94-95</b>	1.04	1.00	1.00	1.00	0.99	1.01	1.01	1.02	1.06	0.96	0.93	0.95
<b>95-96</b>	1.03	0.97	0.97	0.99	0.98	0.98	0.97	1.00	1.02	0.99	1.00	1.02
<b>96-97</b>	1.04	0.98	1.01	0.99	0.97	0.98	1.00	1.02	0.99	0.99	0.99	0.98
<b>97-98</b>	1.02	1.00	0.99	1.00	0.99	0.98	1.00	1.01	1.05	1.00	0.99	0.99
<b>98-99</b>	1.05	1.01	1.00	1.00	1.02	0.97	1.00	1.03	1.05	1.02	1.02	1.01
<b>99-00</b>	1.03	1.02	1.00	1.01	1.01	0.97	1.00	1.01	1.06	1.01	0.96	1.01
<b>00-01</b>	1.02	0.99	1.03	1.00	1.01	0.98	1.02	1.01	1.03	0.97	0.99	1.01
<b>01-02</b>	1.02	1.01	0.99	1.01	1.02	0.96	1.01	0.99	1.02	1.00	0.99	1.00
<b>02-03</b>	1.05	1.06	1.00	1.01	1.00	1.00	1.02	1.00	1.00	1.00	1.02	0.97
<b>03-04</b>	1.06	1.03	1.03	1.00	0.97	1.00	0.98	0.99	1.02	1.01	1.00	1.00
<b>04-05</b>	1.08	1.00	1.00	1.00	0.99	1.00	0.99	1.00	1.03	1.00	0.99	1.00
<b>05-06</b>	1.06	1.01	1.03	1.02	1.00	0.99	1.01	1.00	1.02	1.02	1.00	0.99
<b>06-07</b>	1.06	1.05	1.03	1.00	1.00	1.00	1.01	1.00	1.01	0.99	1.02	0.98

**TABLE 16  
PERCENT OF CHANGE BY ELEMENTARY SCHOOL  
2000-2001 TO 2011-2012**

Year	ANGIER SCHOOL			BOWEN SCHOOL		
	Total	% Change	# Change	Total	% Change	# Change
2000-2001	418	1.5%	6	383	1.6%	6
2001-2002	412	-1.4%	-6	351	-8.4%	-32
2002-2003	396	-3.9%	-16	336	-4.3%	-15
2003-2004	371	-6.3%	-25	335	-0.3%	-1
2004-2005	363	-2.2%	-8	375	11.9%	40
2005-2006	370	1.9%	7	386	2.9%	11
2006-2007	379	2.4%	9	413	7.0%	27
2007-2008	382	0.8%	3	465	12.6%	52
2008-2009	385	0.8%	3	509	9.5%	44
2009-2010	385	0.0%	0	543	6.7%	34
2010-2011	381	-1.0%	-4	568	4.6%	25
2011-2012	380	-0.3%	-1	586	3.2%	18
% Change 2000-2001 to 2011-2012		-9.1%			53.0%	
% Change 2000-2001 to 2006-2007		-9.3%			7.8%	

Year	BURR SCHOOL			CABOT SCHOOL		
	Total	% Change	# Change	Total	% Change	# Change
2000-2001	270	-2.9%	-8	362	-6.0%	-23
2001-2002	294	8.9%	24	360	-0.6%	-2
2002-2003	300	2.0%	6	352	-2.2%	-8
2003-2004	303	1.0%	3	353	0.3%	1
2004-2005	314	3.6%	11	357	1.1%	4
2005-2006	314	0.0%	0	391	9.5%	34
2006-2007	333	6.1%	19	420	7.4%	29
2007-2008	337	1.2%	4	441	5.0%	21
2008-2009	362	7.4%	25	462	4.8%	21
2009-2010	376	3.9%	14	490	6.1%	28
2010-2011	391	4.0%	15	492	0.4%	2
2011-2012	409	4.6%	18	494	0.4%	2
% Change 2000-2001 to 2011-2012		51.5%			36.5%	
% Change 2000-2001 to 2006-2007		23.3%			16.0%	

**TABLE 16  
PERCENT OF CHANGE BY ELEMENTARY SCHOOL  
2000-2001 TO 2011-2012**

Year	COUNTRYSIDE SCHOOL			FRANKLIN SCHOOL		
	Total	% Change	# Change	Total	% Change	# Change
2000-2001	482	-3.4%	-17	390	0.3%	1
2001-2002	453	-6.0%	-29	398	2.1%	8
2002-2003	455	0.4%	2	384	-3.5%	-14
2003-2004	446	-2.0%	-9	397	3.4%	13
2004-2005	448	0.4%	2	386	-2.8%	-11
2005-2006	463	3.3%	15	385	-0.3%	-1
2006-2007	437	-5.6%	-26	414	7.5%	29
2007-2008	450	3.0%	13	428	3.4%	14
2008-2009	479	6.4%	29	459	7.2%	31
2009-2010	507	5.8%	28	484	5.4%	25
2010-2011	534	5.3%	27	506	4.5%	22
2011-2012	565	5.8%	31	507	0.2%	1
% Change 2000-2001 to 2011-2012		17.2%			30.0%	
% Change 2000-2001 to 2006-2007		-9.3%			6.2%	

Year	HORACE MANN SCHOOL			LINCOLN-ELIOT SCHOOL		
	Total	% Change	# Change	Total	% Change	# Change
2000-2001	303	0.7%	2	281	-1.4%	-4
2001-2002	313	3.3%	10	252	-10.3%	-29
2002-2003	330	5.4%	17	220	-12.7%	-32
2003-2004	333	0.9%	3	242	10.0%	22
2004-2005	337	1.2%	4	229	-5.4%	-13
2005-2006	344	2.1%	7	282	23.1%	53
2006-2007	350	1.7%	6	281	-0.4%	-1
2007-2008	353	0.9%	3	308	9.6%	27
2008-2009	369	4.5%	16	348	13.0%	40
2009-2010	361	-2.2%	-8	378	8.6%	30
2010-2011	344	-4.7%	-17	415	9.8%	37
2011-2012	334	-2.9%	-10	422	1.7%	7
% Change 2000-2001 to 2011-2012		10.2%			50.2%	
% Change 2000-2001 to 2006-2007		15.5%			0.0%	



**TABLE 16**  
**PERCENT OF CHANGE BY ELEMENTARY SCHOOL**  
**2000-2001 TO 2011-2012**

Year	MASON-RICE SCHOOL			MEMORIAL-SPAULDING SCHOOL		
	Total	% Change	# Change	Total	% Change	# Change
2000-2001	364	-7.4%	-29	452	-2.2%	-10
2001-2002	369	1.4%	5	417	-7.7%	-35
2002-2003	364	-1.4%	-5	440	5.5%	23
2003-2004	352	-3.3%	-12	447	1.6%	7
2004-2005	365	3.7%	13	427	-4.5%	-20
2005-2006	372	1.9%	7	419	-1.9%	-8
2006-2007	372	0.0%	0	443	5.7%	24
2007-2008	385	3.5%	13	458	3.4%	15
2008-2009	385	0.0%	0	468	2.2%	10
2009-2010	381	-1.0%	-4	492	5.1%	24
2010-2011	388	1.8%	7	506	2.8%	14
2011-2012	380	-2.1%	-8	529	4.5%	23
% Change 2000-2001 to 2011-2012		4.4%			17.0%	
% Change 2000-2001 to 2006-2007		2.2%			-2.0%	

Year	PEIRCE SCHOOL			UNDERWOOD SCHOOL		
	Total	% Change	# Change	Total	% Change	# Change
2000-2001	281	3.7%	10	264	-5.0%	-14
2001-2002	270	-3.9%	-11	276	4.5%	12
2002-2003	271	0.4%	1	294	6.5%	18
2003-2004	271	0.0%	0	276	-6.1%	-18
2004-2005	286	5.5%	15	275	-0.4%	-1
2005-2006	306	7.0%	20	264	-4.0%	-11
2006-2007	324	5.9%	18	288	9.1%	24
2007-2008	334	3.1%	10	310	7.6%	22
2008-2009	336	0.6%	2	331	6.8%	21
2009-2010	335	-0.3%	-1	346	4.5%	15
2010-2011	334	-0.3%	-1	377	9.0%	31
2011-2012	343	2.7%	9	391	3.7%	14
% Change 2000-2001 to 2011-2012		22.1%			48.1%	
% Change 2000-2001 to 2006-2007		15.3%			9.1%	

**TABLE 16**  
**PERCENT OF CHANGE BY ELEMENTARY SCHOOL**  
**2000-2001 TO 2011-2012**

Year	WARD SCHOOL			WILLIAMS SCHOOL		
	Total	% Change	# Change	Total	% Change	# Change
2000-2001	325	-5.2%	-18	241	-6.6%	-17
2001-2002	304	-6.5%	-21	257	6.6%	16
2002-2003	281	-7.6%	-23	260	1.2%	3
2003-2004	274	-2.5%	-7	254	-2.3%	-6
2004-2005	262	-4.4%	-12	264	3.9%	10
2005-2006	262	0.0%	0	275	4.2%	11
2006-2007	237	-9.5%	-25	295	7.3%	20
2007-2008	233	-1.7%	-4	303	2.7%	8
2008-2009	225	-3.4%	-8	303	0.0%	0
2009-2010	227	0.9%	2	309	2.0%	6
2010-2011	228	0.4%	1	299	-3.2%	-10
2011-2012	223	-2.2%	-5	303	1.3%	4
% Change 2000-2001 to 2011-2012		-31.4%			25.7%	
% Change 2000-2001 to 2006-2007		-27.1%			22.4%	

Year	ZERVAS SCHOOL			TOTAL ELEMENTARY K-5		
	Total	% Change	# Change	Total	% Change	# Change
2000-2001	281	0.0%	0	5,097	-2.3%	-115
2001-2002	276	-1.8%	-5	5,002	-1.9%	-95
2002-2003	287	4.0%	11	4,970	-0.6%	-32
2003-2004	284	-1.0%	-3	4,938	-0.6%	-32
2004-2005	287	1.1%	3	4,975	0.7%	37
2005-2006	300	4.5%	13	5,133	3.2%	158
2006-2007	332	10.7%	32	<b>5,318</b>	3.6%	185
2007-2008	338	1.8%	6	5,525	3.9%	207
2008-2009	358	5.9%	20	5,779	4.6%	254
2009-2010	370	3.4%	12	5,984	3.5%	205
2010-2011	397	7.3%	27	6,160	2.9%	176
2011-2012	410	3.3%	13	6,276	1.9%	116
% Change 2000-2001 to 2011-2012		45.9%			23.1%	
% Change 2000-2001 to 2006-2007		18.1%			4.3%	

**TABLE 17  
PERCENT OF CHANGE BY MIDDLE SCHOOL  
2000-2001 TO 2011-2012**

Year	BIGELOW MIDDLE SCHOOL			BROWN MIDDLE SCHOOL			DAY MIDDLE SCHOOL		
	Total	% Change	# Change	Total	% Change	# Change	Total	% Change	# Change
2000-2001	465	4.3%	19	752	-2.5%	-17	835	3.9%	20
2001-2002	477	2.6%	12	735	-2.3%	-17	855	2.4%	20
2002-2003	513	7.5%	36	756	2.9%	21	822	-3.9%	-33
2003-2004	520	1.4%	7	770	1.9%	14	785	-4.5%	-37
2004-2005	510	-1.9%	-10	787	2.2%	17	758	-3.4%	-27
2005-2006	496	-2.7%	-14	705	-10.4%	-82	768	1.3%	10
2006-2007	495	-0.2%	-1	665	-5.7%	-40	747	-2.7%	-21
2007-2008	491	-0.8%	-4	653	-1.8%	-12	779	4.3%	32
2008-2009	500	1.8%	9	692	6.0%	39	772	-0.9%	-7
2009-2010	488	-2.4%	-12	701	1.3%	9	830	7.5%	58
2010-2011	491	0.6%	3	722	3.0%	21	860	3.6%	30
2011-2012	527	7.3%	36	721	-0.1%	-1	925	7.6%	65
% Change 2000-2001 to 2011-2012		13.3%			-4.1%			10.8%	
% Change 2000-2001 to 2006-2007		6.5%			-11.6%			-10.5%	

Year	OAK HILL MIDDLE SCHOOL			TOTAL MIDDLE SCHOOL		
	Total	% Change	# Change	Total	% Change	# Change
2000-2001	620			2672	0.8%	22
2001-2002	621	0.2%	1	2688	0.6%	16
2002-2003	597	-3.9%	-24	2688	0.0%	0
2003-2004	598	0.2%	1	2673	-0.6%	-15
2004-2005	565	-5.5%	-33	2620	-2.0%	-53
2005-2006	565	0.0%	0	2534	-3.3%	-86
2006-2007	567	0.4%	2	2474	-2.4%	-60
2007-2008	586	3.4%	19	2509	1.4%	35
2008-2009	609	3.9%	23	2573	2.6%	64
2009-2010	636	4.4%	27	2655	3.2%	82
2010-2011	651	2.4%	15	2724	2.6%	69
2011-2012	672	3.2%	21	2845	4.4%	121
% Change 2000-2001 to 2011- 2012		8.2%			6.5%	
% Change 2000-2001 to 2006- 2007		-8.7%			-7.4%	

**TABLE 18**  
**PERCENT OF CHANGE BY HIGH SCHOOL**  
**2000-2001 TO 2011-2012**

Year	NORTH HIGH SCHOOL			SOUTH HIGH SCHOOL			TOTAL HIGH SCHOOL		
	Total	% Change	# Change	Total	% Change	# Change	Total	% Change	# Change
2000-2001	2,144	1.0%	21	1,333	4.7%	60	3,477	2.3%	81
2001-2002	2,190	2.1%	46	1,370	2.8%	37	3,560	2.4%	83
2002-2003	2,219	1.3%	29	1,399	2.1%	29	3,618	1.6%	58
2003-2004	2,169	-2.3%	-50	1,487	6.3%	88	3,656	1.1%	38
2004-2005	2,121	-2.2%	-48	1,552	4.4%	65	3,673	0.5%	17
2005-2006	2,047	-3.5%	-74	1,701	9.6%	149	3,748	2.0%	75
2006-2007	1,964	-4.1%	-83	1,745	2.6%	44	3,709	-1.0%	-39
2007-2008	1,934	-1.5%	-30	1,764	1.1%	19	3,698	-0.3%	-11
2008-2009	1,894	-2.1%	-40	1,720	-2.5%	-44	3,614	-2.3%	-84
2009-2010	1,886	-0.4%	-8	1,670	-2.9%	-50	3,556	-1.6%	-58
2010-2011	1,889	0.2%	3	1,634	-2.2%	-36	3,523	-0.9%	-33
2011-2012	1,901	0.6%	12	1,655	1.3%	21	3,556	0.9%	33
% Change 2000-2001 to 2011-2012		-11.3%			24.2%			2.3%	
% Change 2000-2001 to 2006-2007		-8.4%			30.9%			6.7%	

## **IV. INDIVIDUAL SCHOOL REPORTS**

## **IV. INDIVIDUAL SCHOOL REPORTS**

The individual school reports contain the following information:

### **Elementary Schools**

1. Enrollments by grade for last year (2005-06) and this year (2006-07) and the change in enrollment at each grade level. Enrollment projections by grade for the next five years (2007-08 to 2011-12) are also reported based on a 5-year cohort survival ratio average and a linear regression method, with a tapering off in 2009-10, 2010-11 and 2011-12, for kindergarten.
2. Ten years of kindergarten and total school enrollments
3. Distribution of the ages of incoming kindergarten students since 1999
4. The number of children younger than age five living in each district
5. A line graph depicting enrollment history over time (37 years) and projections (5 years)

### **Middle Schools**

1. Enrollments by grade for last year (2005-06) and this year (2006-07) and the change in enrollment at each grade level. Enrollment projections by grade for the next five years (2007-08 to 2011-12) are also presented based on a 5-year cohort survival ratio average.
2. Ten years of enrollment change
3. Number of 5th grade students from feeder elementary schools who will enter the 6th grade next year (2007-08)
4. A line graph depicting enrollment history over time (37 years) and projections (5 years)

### **High Schools**

1. Enrollments by grade for last year (2005-06) and this year (2006-07) and the change in enrollment at each grade level. Enrollment projections by grade for the next five years (2007-08 to 2011-12) are also presented based on a 5-year cohort survival ratio average.
2. Ten years enrollment change
3. Number of 8th grade students from feeder middle schools who will enter the 9th grade next year (2007-08)
4. A line graph depicting enrollment history over time (37 years) and projections (5 years)

# Angier

## ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5 Year Average Ratios***				
	2005 FY06	2006 FY07	N	%	2007 FY08	2008 FY09	2009 FY10	2010 FY11	2011 FY12
K	58	60	2	3.4%	57	56	56	56	56
1	66	62	-4	-6.1%	65	64	60	60	61
2	57	69	12	21.1%	65	69	67	64	64
3	66	62	-4	-6.1%	69	66	69	68	64
4	60	66	6	10.0%	62	69	66	69	68
5	63	60	-3	-4.8%	64	61	67	64	67
Spec. Ed.**	0	0	0	0.0%	0	0	0	0	0
<b>TOTAL</b>	<b>370</b>	<b>379*</b>	<b>9</b>	<b>2.4%</b>	<b>382</b>	<b>385</b>	<b>385</b>	<b>381</b>	<b>380</b>

\*Includes 14 Metco students.

\*\*Students who receive Special Education services outside of the classroom for a significant amount of time.

\*\*\*Projections include new Metco students for each year. (See Appendix A for more detail).

## TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
1997	60	423		
1998	74	433	10	2.4%
1999	58	412	-21	-4.8%
2000	64	418	6	1.5%
2001	50	412	-6	-1.4%
2002	58	396	-16	-3.9%
2003	49	371	-25	-6.3%
2004	61	363	-8	-2.2%
2005	58	370	7	1.9%
2006	60	379	9	2.4%

Peak enrollment year: 1998, 433 students

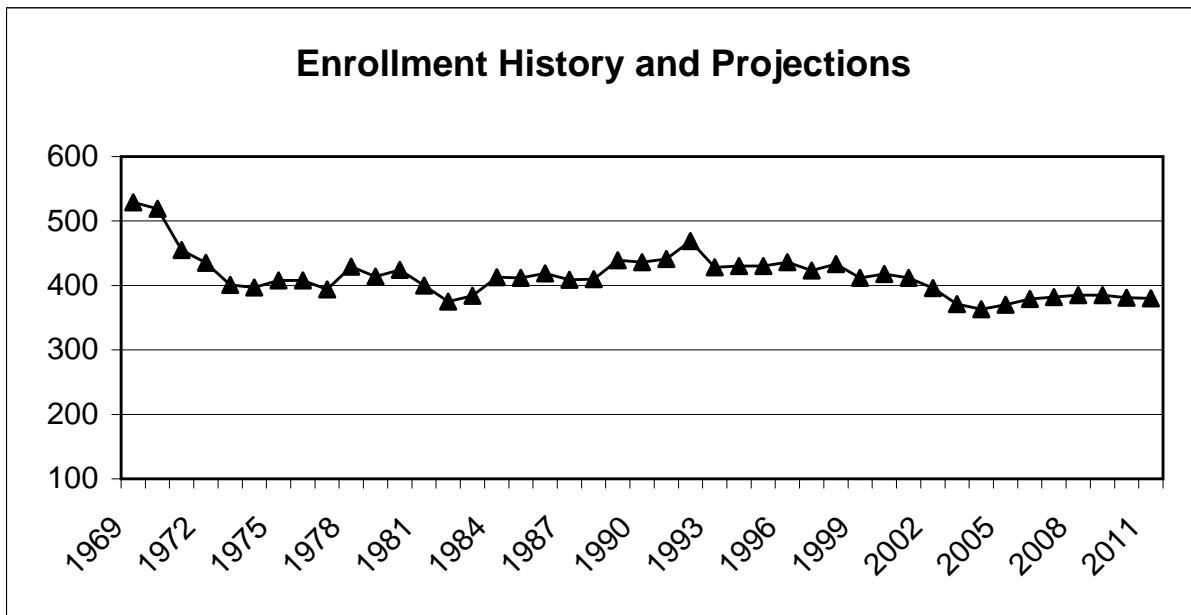
# Angier

## DISTRIBUTION OF THE AGES OF INCOMING KINDERGARTEN STUDENTS

Year	Age 4		Age 5		Age 6		Total
	#	%	#	%	#	%	
1999	4	6.9%	53	91.4%	1	1.7%	58
2000	2	3.1%	56	87.5%	6	9.4%	64
2001	0	0.0%	44	88.0%	6	12.0%	50
2002	0	0.0%	46	79.3%	12	20.7%	58
2003	0	0.0%	41	83.7%	8	16.3%	49
2004	0	0.0%	55	90.2%	6	9.8%	61
2005	0	0.0%	53	91.4%	5	8.6%	58
2006	0	0.0%	57	95.0%	3	5.0%	60

## NUMBER OF CHILDREN YOUNGER THAN AGE FIVE LIVING IN THE DISTRICT (as of January 1, 2006 City Census)

Age	Number	Year Entering K
1	37	2010-2011
2	33	2009-2010
3	37	2008-2009
4	44	2007-2008





# Bowen

## ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5 Year Average Ratios***				
	2005 FY06	2006 FY07	N	%	2007 FY08	2008 FY09	2009 FY10	2010 FY11	2011 FY12
K	77	83	6	7.8%	90	96	94	95	92
1	73	77	4	5.5%	90	94	101	100	100
2	60	74	14	23.3%	80	91	95	102	101
3	56	65	9	16.1%	76	78	90	94	100
4	55	54	-1	-1.8%	68	77	80	91	95
5	65	60	-5	-7.7%	61	73	83	86	98
Spec. Ed.**	0	0	0	0.0%	0	0	0	0	0
<b>TOTAL</b>	<b>386</b>	<b>413*</b>	<b>27</b>	<b>7.0%</b>	<b>465</b>	<b>509</b>	<b>543</b>	<b>568</b>	<b>586</b>

\*Includes 14 Metco students.

\*\*Students who receive Special Education services outside of the classroom for a significant amount of time.

\*\*\*Projections include new Metco students for each year. (See Appendix A for more detail).

## TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
1997	50	409		
1998	50	390	-19	-4.6%
1999	61	377	-13	-3.3%
2000	57	383	6	1.6%
2001	45	351	-32	-8.4%
2002	58	336	-15	-4.3%
2003	57	335	-1	-0.3%
2004	71	375	40	11.9%
2005	77	386	11	2.9%
2006	83	413	27	7.0%

Peak enrollment year: 2006, 413 students

# Bowen

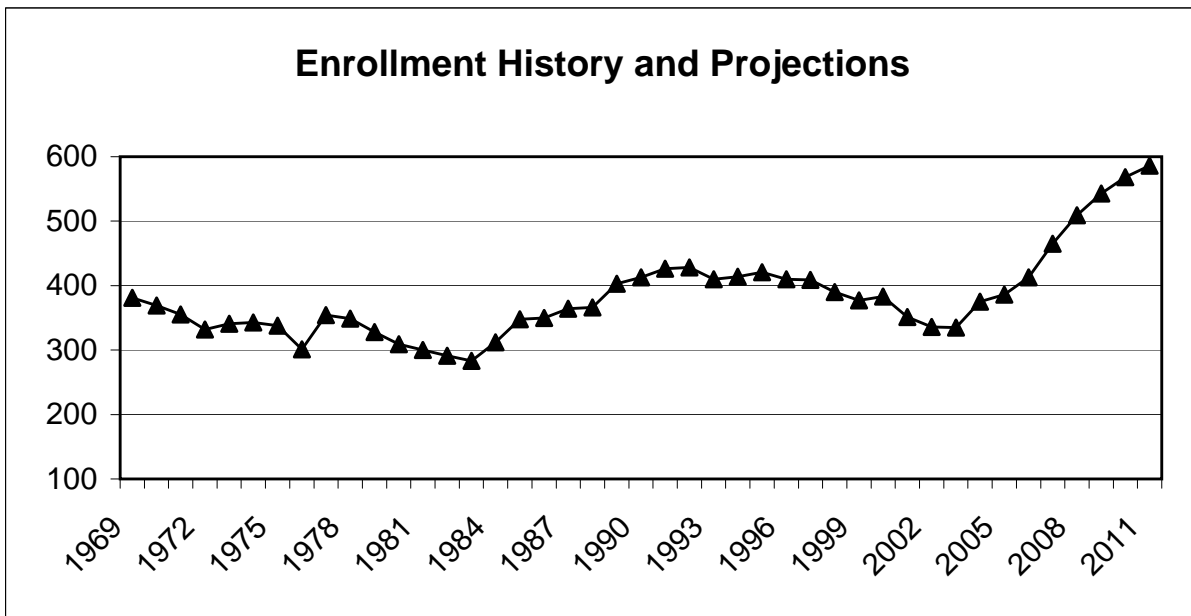
## DISTRIBUTION OF THE AGES OF INCOMING KINDERGARTEN STUDENTS

Year	Age 4		Age 5		Age 6		Total
	#	%	#	%	#	%	
1999	7	11.5%	52	85.2%	2	3.3%	61
2000	1	1.8%	51	89.5%	5	8.8%	57
2001	0	0.0%	37	84.1%	7	15.9%	44
2002	0	0.0%	50	86.2%	8	13.8%	58
2003	0	0.0%	47	82.5%	10	17.5%	57
2004	0	0.0%	57	80.3%	14	19.7%	71
2005	0	0.0%	67	87.0%	10	13.0%	77
2006	0	0.0%	73	88.0%	10	12.0%	83

\*Age 6 for 2001-02 school year includes one 7-year old.

## NUMBER OF CHILDREN YOUNGER THAN AGE FIVE LIVING IN THE DISTRICT (as of January 1, 2006 City Census)

Age	Number	Year Entering K
1	43	2010-2011
2	55	2009-2010
3	57	2008-2009
4	70	2007-2008



# Burr

## ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5 Year Average Ratios***				
	2005 FY06	2006 FY07	N	%	2007 FY08	2008 FY09	2009 FY10	2010 FY11	2011 FY12
K	45	60	15	33.3%	62	65	67	66	66
1	54	50	-4	-7.4%	60	63	66	70	68
2	62	58	-4	-6.5%	54	65	68	71	75
3	50	61	11	22.0%	58	54	66	68	71
4	61	44	-17	-27.9%	60	57	53	64	67
5	42	60	18	42.9%	43	58	56	52	62
Spec. Ed.**	0	0	0	0.0%	0	0	0	0	0
<b>TOTAL</b>	<b>314</b>	<b>333*</b>	<b>19</b>	<b>6.1%</b>	<b>337</b>	<b>362</b>	<b>376</b>	<b>391</b>	<b>409</b>

\*Includes 19 Metco students.

\*\*Students who receive Special Education services outside of the classroom for a significant amount of time.

\*\*\*Projections include new Metco students for each year. (See Appendix A for more detail).

## TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
1997	40	273		
1998	47	256	-17	-6.2%
1999	40	278	22	8.6%
2000	40	270	-8	-2.9%
2001	54	294	24	8.9%
2002	56	300	6	2.0%
2003	48	303	3	1.0%
2004	55	314	11	3.6%
2005	45	314	0	0.0%
2006	60	333	19	6.1%

Peak enrollment year: 2006, 333 students

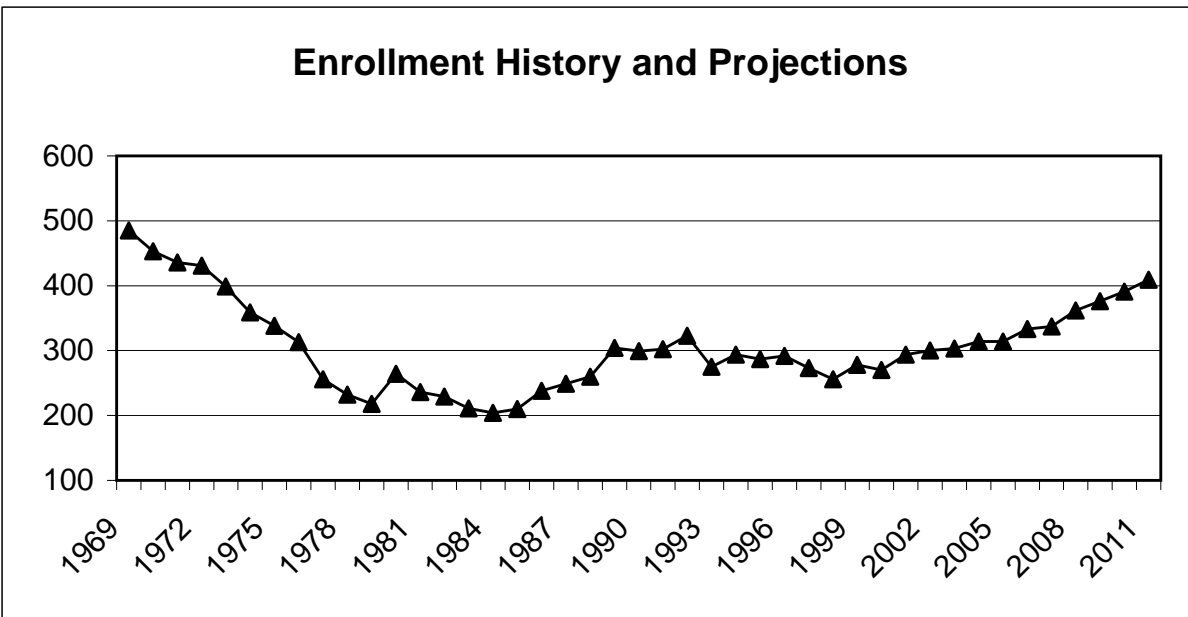
# Burr

## DISTRIBUTION OF THE AGES OF INCOMING KINDERGARTEN STUDENTS

Year	Age 4		Age 5		Age 6		Total
	#	%	#	%	#	%	
1999	4	10.0%	33	82.5%	3	7.5%	40
2000	2	5.0%	35	87.5%	3	7.5%	40
2001	0	0.0%	48	88.9%	6	11.1%	54
2002	0	0.0%	48	85.7%	8	14.3%	56
2003	0	0.0%	40	83.3%	8	16.7%	48
2004	0	0.0%	44	80.0%	11	20.0%	55
2005	0	0.0%	36	80.0%	9	20.0%	45
2006	0	0.0%	56	93.3%	4	6.7%	60

## NUMBER OF CHILDREN YOUNGER THAN AGE FIVE LIVING IN THE DISTRICT (as of January 1, 2006 City Census)

Age	Number	Year Entering K
1	35	2010-2011
2	46	2009-2010
3	56	2008-2009
4	47	2007-2008



# Cabot

## ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5 Year Average Ratios***				
	2005 FY06	2006 FY07	N	%	2007 FY08	2008 FY09	2009 FY10	2010 FY11	2011 FY12
K	74	71	-3	-4.1%	73	74	74	74	74
1	78	77	-1	-1.3%	76	78	79	79	79
2	59	80	21	35.6%	81	79	83	82	82
3	66	61	-5	-7.6%	83	84	83	87	86
4	64	66	2	3.1%	62	85	86	84	88
5	50	65	15	30.0%	66	62	85	86	85
Spec. Ed.**	0	0	0	0.0%	0	0	0	0	0
<b>TOTAL</b>	<b>391</b>	<b>420*</b>	<b>29</b>	<b>7.4%</b>	<b>441</b>	<b>462</b>	<b>490</b>	<b>492</b>	<b>494</b>

\*Includes 13 Metco students.

\*\*Students who receive Special Education services outside of the classroom for a significant amount of time.

\*\*\*Projections include new Metco students for each year. (See Appendix A for more detail).

## TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
1997	53	412		
1998	60	393	-19	-4.6%
1999	58	385	-8	-2.0%
2000	42	362	-23	-6.0%
2001	61	360	-2	-0.6%
2002	50	352	-8	-2.2%
2003	54	353	1	0.3%
2004	69	357	4	1.1%
2005	74	391	34	9.5%
2006	71	420	29	7.4%

Peak enrollment year: 2006, 420 students

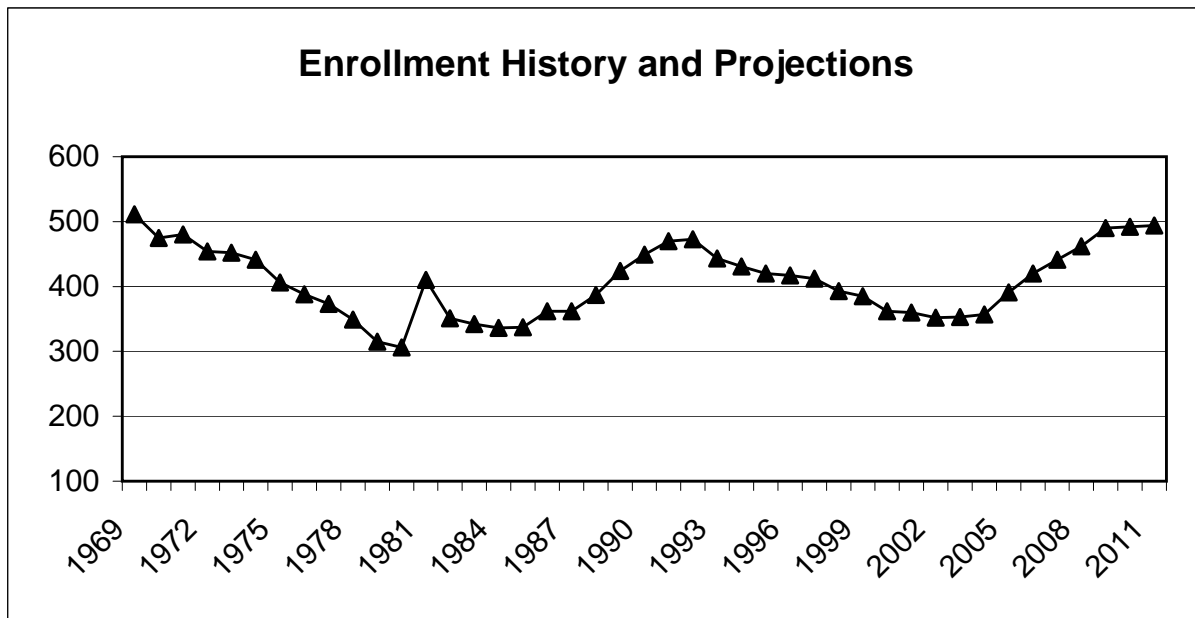
# Cabot

## DISTRIBUTION OF THE AGES OF INCOMING KINDERGARTEN STUDENTS

Year	Age 4		Age 5		Age 6		Total
	#	%	#	%	#	%	
1999	1	1.7%	57	98.3%	0	0.0%	58
2000	0	0.0%	36	85.7%	6	14.3%	42
2001	0	0.0%	56	91.8%	5	8.2%	61
2002	0	0.0%	44	88.0%	6	12.0%	50
2003	0	0.0%	48	88.9%	6	11.1%	54
2004	0	0.0%	59	85.5%	10	14.5%	69
2005	0	0.0%	63	85.1%	11	14.9%	74
2006	0	0.0%	66	93.0%	5	7.0%	71

## NUMBER OF CHILDREN YOUNGER THAN AGE FIVE LIVING IN THE DISTRICT (as of January 1, 2006 City Census)

Age	Number	Year Entering K
1	45	2010-2011
2	45	2009-2010
3	55	2008-2009
4	68	2007-2008



# Countryside

## ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5 Year Average Ratios***				
	2005 FY06	2006 FY07	N	%	2007 FY08	2008 FY09	2009 FY10	2010 FY11	2011 FY12
K	71	70	-1	-1.4%	81	87	89	88	87
1	69	70	1	1.4%	76	90	97	97	98
2	78	72	-6	-7.7%	71	78	92	100	100
3	78	75	-3	-3.8%	74	73	80	94	103
4	79	71	-8	-10.1%	75	74	73	80	95
5	88	79	-9	-10.2%	73	77	76	75	82
Spec. Ed.**	0	0	0	0.0%	0	0	0	0	0
<b>TOTAL</b>	<b>463</b>	<b>437*</b>	<b>-26</b>	<b>-5.6%</b>	<b>450</b>	<b>479</b>	<b>507</b>	<b>534</b>	<b>565</b>

\*Includes 10 Metco students.

\*\*Students who receive Special Education services outside of the classroom for a significant amount of time.

\*\*\*Projections include new Metco students for each year. (See Appendix A for more detail).

## TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
1997	84	469		
1998	82	493	24	5.1%
1999	77	499	6	1.2%
2000	87	482	-17	-3.4%
2001	52	453	-29	-6.0%
2002	76	455	2	0.4%
2003	70	446	-9	-2.0%
2004	59	448	2	0.4%
2005	71	463	15	3.3%
2006	70	437	-26	-5.6%

Peak Enrollment Year: 1999, 499 students

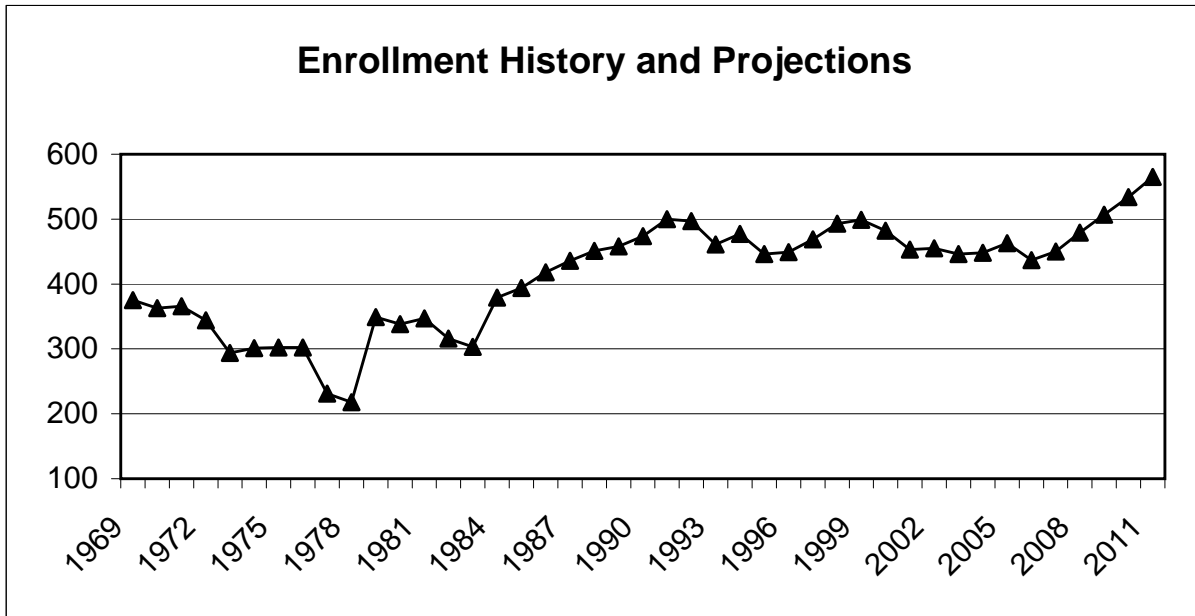
# Countryside

## DISTRIBUTION OF THE AGES OF INCOMING KINDERGARTEN STUDENTS

Year	Age 4		Age 5		Age 6		Total
	#	%	#	%	#	%	
1999	7	9.1%	67	87.0%	3	3.9%	77
2000	5	5.7%	76	87.4%	6	6.9%	87
2001	0	0.0%	44	84.6%	8	15.4%	52
2002	0	0.0%	67	88.2%	9	11.8%	76
2003	0	0.0%	56	80.0%	14	20.0%	70
2004	0	0.0%	50	84.7%	9	15.3%	59
2005	0	0.0%	64	90.1%	7	9.9%	71
2006	0	0.0%	58	82.9%	12	17.1%	70

## NUMBER OF CHILDREN YOUNGER THAN AGE FIVE LIVING IN THE DISTRICT (as of January 1, 2006 City Census)

Age	Number	Year Entering K
1	47	2010-2011
2	74	2009-2010
3	70	2008-2009
4	72	2007-2008





# Franklin

## ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5 Year Average Ratios***				
	2005 FY06	2006 FY07	N	%	2007 FY08	2008 FY09	2009 FY10	2010 FY11	2011 FY12
K	76	69	-7	-9.2%	79	87	89	88	87
1	58	82	24	41.4%	68	78	86	88	87
2	62	64	2	3.2%	83	68	77	86	87
3	49	63	14	28.6%	64	83	68	77	85
4	66	57	-9	-13.6%	65	66	86	70	80
5	56	65	9	16.1%	55	63	64	83	67
Spec. Ed.**	18	14	-4	-22.2%	14	14	14	14	14
<b>TOTAL</b>	<b>385</b>	<b>414*</b>	<b>29</b>	<b>7.5%</b>	<b>428</b>	<b>459</b>	<b>484</b>	<b>506</b>	<b>507</b>

\*Includes 14 Metco students.

\*\*Students who receive Special Education services outside of the classroom for a significant amount of time.

\*\*\*Projections include new Metco students for each year. (See Appendix A for more detail).

## TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
1997	62	379		
1998	67	407	28	7.4%
1999	73	389	-18	-4.4%
2000	53	390	1	0.3%
2001	76	398	8	2.1%
2002	59	384	-14	-3.5%
2003	66	397	13	3.4%
2004	58	386	-11	-2.8%
2005	76	385	-1	-0.3%
2006	69	414	29	7.5%

Peak enrollment year: 2006, 414 students

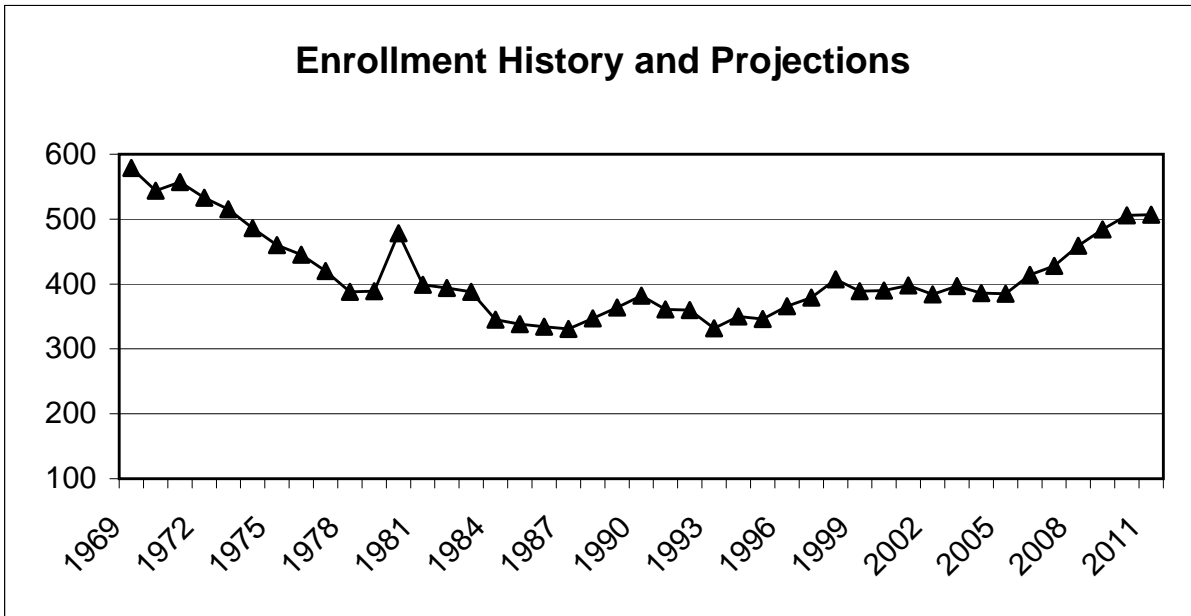
# Franklin

## DISTRIBUTION OF THE AGES OF INCOMING KINDERGARTEN STUDENTS

Year	Age 4		Age 5		Age 6		Total
	#	%	#	%	#	%	
1999	7	9.6%	62	84.9%	4	5.5%	73
2000	4	7.5%	46	86.8%	3	5.7%	53
2001	0	0.0%	68	89.5%	8	10.5%	76
2002	0	0.0%	54	91.5%	5	8.5%	59
2003	0	0.0%	47	71.2%	19	28.8%	66
2004	0	0.0%	54	93.1%	4	6.9%	58
2005	0	0.0%	68	89.5%	8	10.5%	76
2006	0	0.0%	62	89.9%	7	10.1%	69

## NUMBER OF CHILDREN YOUNGER THAN AGE FIVE LIVING IN THE DISTRICT (as of January 1, 2006 City Census)

Age	Number	Year Entering K
1	34	2010-2011
2	46	2009-2010
3	43	2008-2009
4	57	2007-2008



# Horace Mann

## ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5 Year Average Ratios***				
	2005 FY06	2006 FY07	N	%	2007 FY08	2008 FY09	2009 FY10	2010 FY11	2011 FY12
K	57	58	1	1.8%	54	53	51	51	52
1	65	60	-5	-7.7%	59	55	52	50	50
2	61	68	7	11.5%	61	59	56	54	52
3	50	62	12	24.0%	72	64	62	59	56
4	58	43	-15	-25.9%	63	73	65	63	60
5	53	59	6	11.3%	44	65	75	67	64
Spec. Ed.**	0	0	0	0.0%	0	0	0	0	0
<b>TOTAL</b>	<b>344</b>	<b>350*</b>	<b>6</b>	<b>1.7%</b>	<b>353</b>	<b>369</b>	<b>361</b>	<b>344</b>	<b>334</b>

\*Includes 9 Metco students.

\*\*Students who receive Special Education services outside of the classroom for a significant amount of time.

\*\*\*Projections include new Metco students for each year. (See Appendix A for more detail).

## TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
1997	44	273		
1998	62	297	24	8.8%
1999	45	301	4	1.3%
2000	40	303	2	0.7%
2001	56	313	10	3.3%
2002	49	330	17	5.4%
2003	61	333	3	0.9%
2004	64	337	4	1.2%
2005	57	344	7	2.1%
2006	58	350	6	1.7%

Peak enrollment year: 2006, 350 students

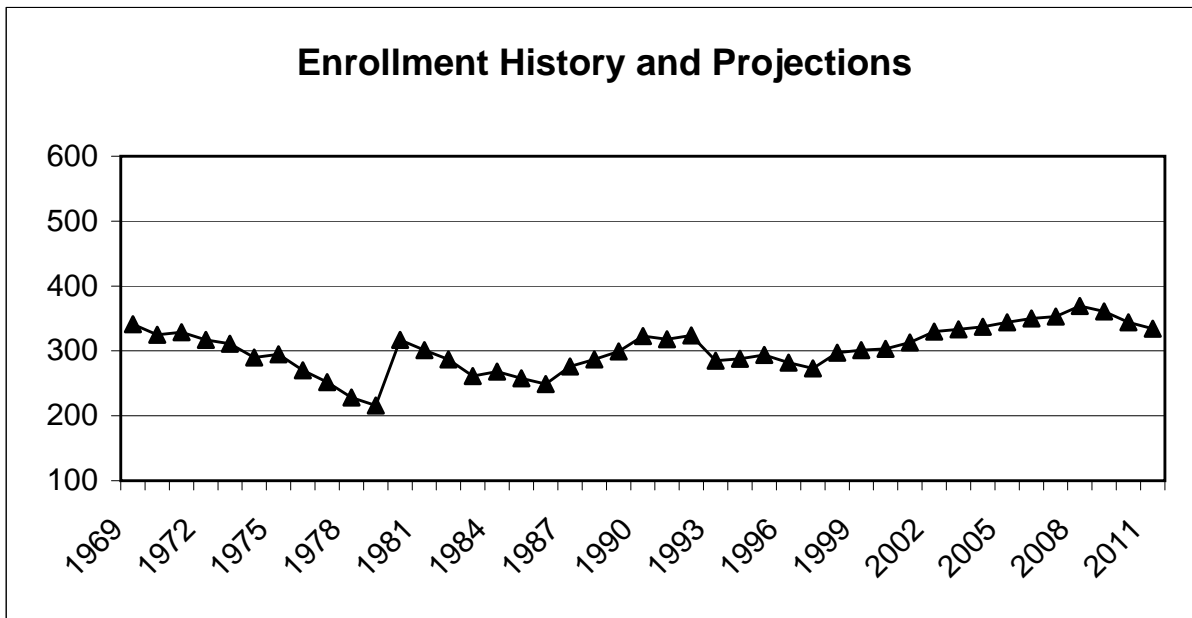
# Horace Mann

## DISTRIBUTION OF THE AGES OF INCOMING KINDERGARTEN STUDENTS

Year	Age 4		Age 5		Age 6		Total
	#	%	#	%	#	%	
1999	4	8.9%	38	84.4%	3	6.7%	45
2000	0	0.0%	36	90.0%	4	10.0%	40
2001	0	0.0%	49	87.5%	7	12.5%	56
2002	1	2.0%	40	81.6%	8	16.3%	49
2003	0	0.0%	45	73.8%	16	26.2%	61
2004	0	0.0%	59	92.2%	5	7.8%	64
2005	0	0.0%	51	89.5%	6	10.5%	57
2006	0	0.0%	53	91.4%	5	8.6%	58

## NUMBER OF CHILDREN YOUNGER THAN AGE FIVE LIVING IN THE DISTRICT (as of January 1, 2006 City Census)

Age	Number	Year Entering K
1	32	2010-2011
2	32	2009-2010
3	42	2008-2009
4	41	2007-2008



# Lincoln-Eliot

## ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5 Year Average Ratios***				
	2005 FY06	2006 FY07	N	%	2007 FY08	2008 FY09	2009 FY10	2010 FY11	2011 FY12
K	62	47	-15	-24.2%	62	70	67	66	64
1	34	62	28	82.4%	50	68	74	74	71
2	42	41	-1	-2.4%	64	52	70	77	76
3	47	46	-1	-2.1%	43	68	55	75	81
4	43	44	1	2.3%	46	44	69	55	75
5	54	41	-13	-24.1%	43	46	43	68	55
Spec. Ed.**	0	0	0	0.0%	0	0	0	0	0
<b>TOTAL</b>	<b>282</b>	<b>281*</b>	<b>-1</b>	<b>-0.4%</b>	<b>308</b>	<b>348</b>	<b>378</b>	<b>415</b>	<b>422</b>

\*Includes 15 Metco students.

\*\*Students who receive Special Education services outside of the classroom for a significant amount of time.

\*\*\*Projections include new Metco students for each year. (See Appendix A for more detail).

## TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
1997	50	321		
1998	56	325	4	1.2%
1999	34	285	-40	-12.3%
2000	50	281	-4	-1.4%
2001	36	252	-29	-10.3%
2002	35	220	-32	-12.7%
2003	37	242	22	10.0%
2004	30	229	-13	-5.4%
2005	62	282	53	23.1%
2006	47	281	-1	-0.4%

Peak enrollment year: 1998, 325 students

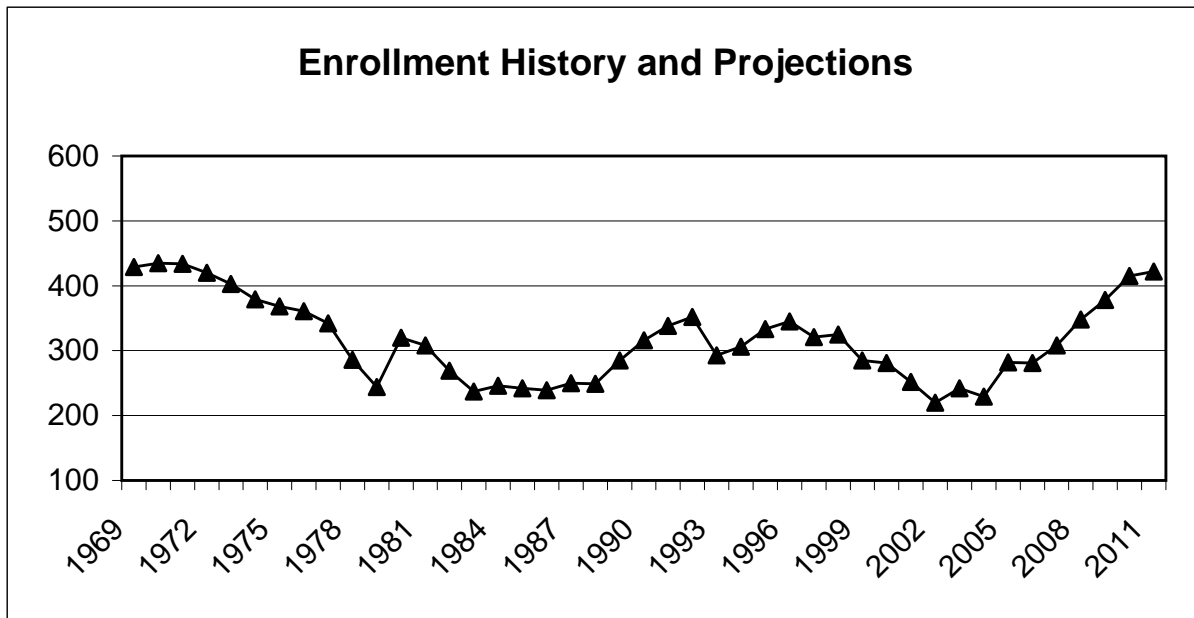
# Lincoln-Eliot

## DISTRIBUTION OF THE AGES OF INCOMING KINDERGARTEN STUDENTS

Year	Age 4		Age 5		Age 6		Total
	#	%	#	%	#	%	
1999	2	5.9%	32	94.1%	0	0.0%	34
2000	0	0.0%	45	90.0%	5	10.0%	50
2001	0	0.0%	29	80.6%	7	19.4%	36
2002	0	0.0%	30	85.7%	5	14.3%	35
2003	0	0.0%	31	83.8%	6	16.2%	37
2004	0	0.0%	26	86.7%	4	13.3%	30
2005	0	0.0%	53	85.5%	9	14.5%	62
2006	0	0.0%	44	93.6%	3	6.4%	47

## NUMBER OF CHILDREN YOUNGER THAN AGE FIVE LIVING IN THE DISTRICT (as of January 1, 2006 City Census)

Age	Number	Year Entering K
1	26	2010-2011
2	34	2009-2010
3	29	2008-2009
4	41	2007-2008



# Mason-Rice

## ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5 Year Average Ratios***				
	2005 FY06	2006 FY07	N	%	2007 FY08	2008 FY09	2009 FY10	2010 FY11	2011 FY12
K	71	58	-13	-18.3%	61	61	61	61	61
1	58	70	12	20.7%	62	63	63	63	63
2	67	56	-11	-16.4%	70	64	64	63	63
3	63	69	6	9.5%	57	72	65	65	64
4	52	67	15	28.8%	68	56	71	65	64
5	61	52	-9	-14.8%	67	69	57	71	65
Spec. Ed.**	0	0	0	0.0%	0	0	0	0	0
<b>TOTAL</b>	<b>372</b>	<b>372*</b>	<b>0</b>	<b>0.0%</b>	<b>385</b>	<b>385</b>	<b>381</b>	<b>388</b>	<b>380</b>

\*Includes 13 Metco students.

\*\*Students who receive Special Education services outside of the classroom for a significant amount of time.

\*\*\*Projections include new Metco students for each year. (See Appendix A for more detail).

## TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
1997	64	395		
1998	66	412	17	4.3%
1999	55	393	-19	-4.6%
2000	50	364	-29	-7.4%
2001	53	369	5	1.4%
2002	55	364	-5	-1.4%
2003	57	352	-12	-3.3%
2004	60	365	13	3.7%
2005	71	372	7	1.9%
2006	58	372	0	0.0%

Peak enrollment year: 1998, 412 students

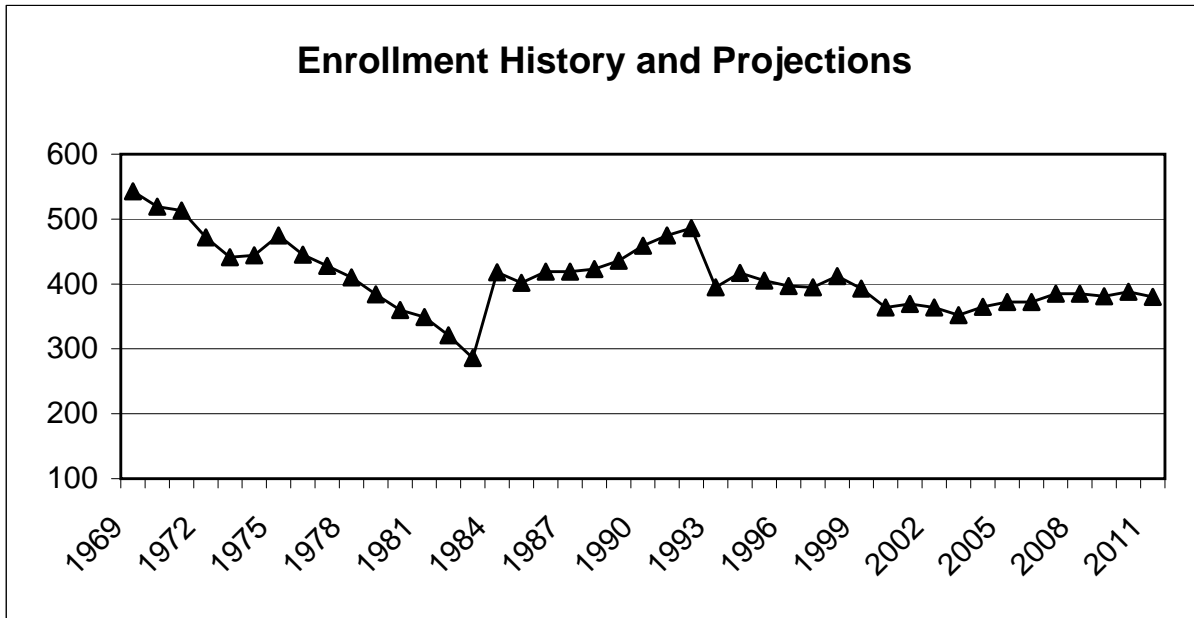
# Mason-Rice

## DISTRIBUTION OF THE AGES OF INCOMING KINDERGARTEN STUDENTS

Year	Age 4		Age 5		Age 6		Total
	#	%	#	%	#	%	
1999	4	7.3%	49	89.1%	2	3.6%	55
2000	1	2.0%	47	94.0%	2	4.0%	50
2001	0	0.0%	47	88.7%	6	11.3%	53
2002	0	0.0%	47	85.5%	8	14.5%	55
2003	0	0.0%	47	82.5%	10	17.5%	57
2004	0	0.0%	53	88.3%	7	11.7%	60
2005	0	0.0%	68	95.8%	3	4.2%	71
2006	0	0.0%	52	89.7%	6	10.3%	58

## NUMBER OF CHILDREN YOUNGER THAN AGE FIVE LIVING IN THE DISTRICT (as of January 1, 2006 City Census)

Age	Number	Year Entering K
1	44	2010-2011
2	51	2009-2010
3	48	2008-2009
4	70	2007-2008





# Memorial-Spaulling

## ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5 Year Average Ratios***				
	2005 FY06	2006 FY07	N	%	2007 FY08	2008 FY09	2009 FY10	2010 FY11	2011 FY12
K	59	74	15	25.4%	73	79	82	81	80
1	70	64	-6	-8.6%	81	79	88	87	87
2	75	73	-2	-2.7%	65	82	81	89	88
3	75	76	1	1.3%	76	68	87	85	93
4	72	84	12	16.7%	80	81	73	92	90
5	68	72	4	5.9%	83	79	81	72	91
Spec. Ed.**	0	0	0	0.0%	0	0	0	0	0
<b>TOTAL</b>	<b>419</b>	<b>443*</b>	<b>24</b>	<b>5.7%</b>	<b>458</b>	<b>468</b>	<b>492</b>	<b>506</b>	<b>529</b>

\*Includes 17 Metco students.

\*\*Students who receive Special Education services outside of the classroom for a significant amount of time.

\*\*\*Projections include new Metco students for each year. (See Appendix A for more detail).

## TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
1997	80	452		
1998	70	448	-4	-0.9%
1999	81	462	14	3.1%
2000	70	452	-10	-2.2%
2001	57	417	-35	-7.7%
2002	63	440	23	5.5%
2003	79	447	7	1.6%
2004	63	427	-20	-4.5%
2005	59	419	-8	-1.9%
2006	74	443	24	5.7%

Peak enrollment year: 1999, 462 students

# Memorial-Spaulling

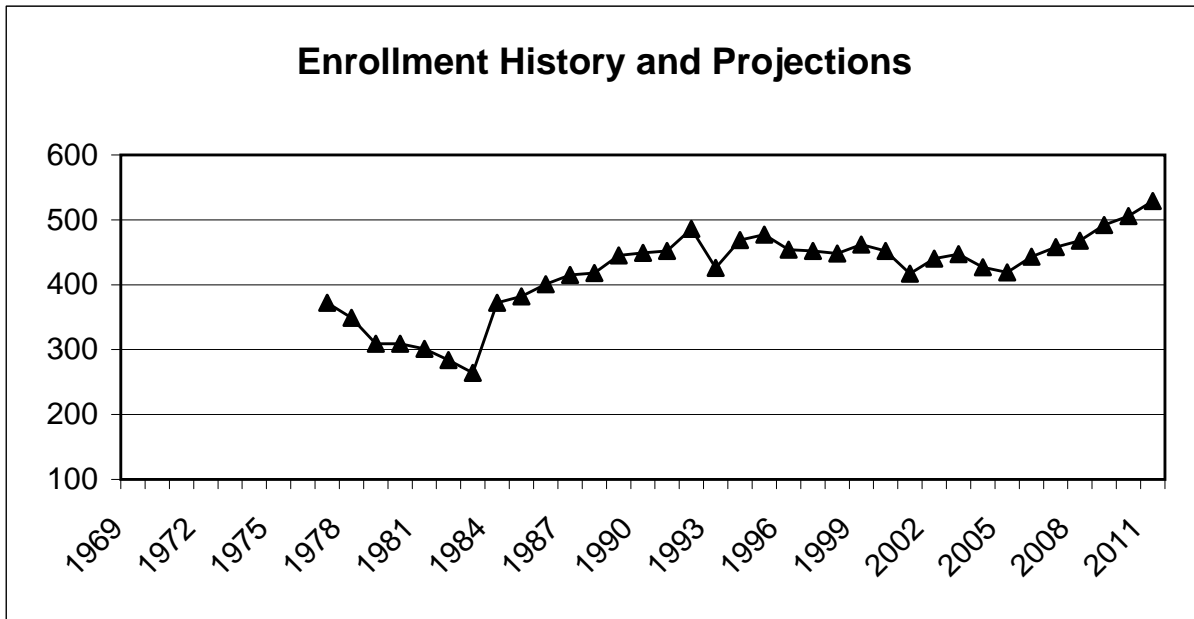
## DISTRIBUTION OF THE AGES OF INCOMING KINDERGARTEN STUDENTS

Year	Age 4		Age 5		Age 6		Total
	#	%	#	%	#	%	
1999	8	9.9%	70	86.4%	3	3.7%	81
2000	5	7.1%	62	88.6%	3	4.3%	70
2001	0	0.0%	51	89.5%	6	10.5%	57
2002	1	1.6%	51	81.0%	11	17.5%	63
2003	0	0.0%	66	83.5%	13	16.5%	79
2004	0	0.0%	59	93.7%	4	6.3%	63
2005	0	0.0%	50	84.7%	9	15.3%	59
2006	0	0.0%	69	93.2%	5*	6.8%	74

\* Includes one student age seven.

## NUMBER OF CHILDREN YOUNGER THAN AGE FIVE LIVING IN THE DISTRICT (as of January 1, 2006 City Census)

Age	Number	Year Entering K
1	30	2010-2011
2	39	2009-2010
3	51	2008-2009
4	39	2007-2008



# Peirce

## ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5 Year Average Ratios***				
	2005 FY06	2006 FY07	N	%	2007 FY08	2008 FY09	2009 FY10	2010 FY11	2011 FY12
K	46	49	3	6.5%	50	50	51	51	53
1	56	49	-7	-12.5%	54	57	58	59	57
2	61	59	-2	-3.3%	51	56	61	59	60
3	58	64	6	10.3%	61	52	57	61	60
4	43	56	13	30.2%	64	60	51	55	60
5	42	47	5	11.9%	54	61	57	49	53
Spec. Ed.**	0	0	0	0.0%	0	0	0	0	0
<b>TOTAL</b>	<b>306</b>	<b>324*</b>	<b>18</b>	<b>5.9%</b>	<b>334</b>	<b>336</b>	<b>335</b>	<b>334</b>	<b>343</b>

\*Includes 14 Metco students.

\*\*Students who receive Special Education services outside of the classroom for a significant amount of time.

\*\*\*Projections include new Metco students for each year. (See Appendix A for more detail).

## TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
1997	45	281		
1998	42	282	1	0.4%
1999	38	271	-11	-3.9%
2000	38	281	10	3.7%
2001	42	270	-11	-3.9%
2002	49	271	1	0.4%
2003	51	271	0	0.0%
2004	44	286	15	5.5%
2005	46	306	20	7.0%
2006	49	324	18	5.9%

Peak enrollment year: 2006, 324 students

# Peirce

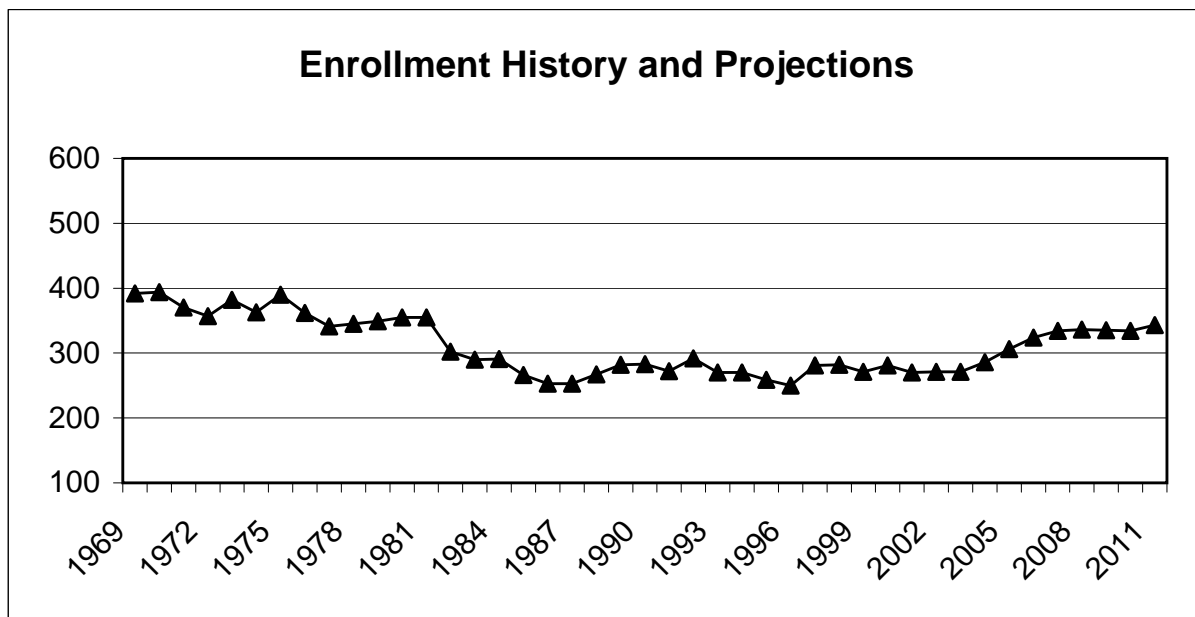
## DISTRIBUTION OF THE AGES OF INCOMING KINDERGARTEN STUDENTS

Year	Age 4		Age 5		Age 6		Total
	#	%	#	%	#	%	
1999	6	15.8%	31	81.6%	1	2.6%	38
2000	0	0.0%	33	86.8%	5	13.2%	38
2001	0	0.0%	34	81.0%	8	19.0%	42
2002	0	0.0%	42	85.7%	7	14.3%	49
2003	0	0.0%	41	80.4%	10	19.6%	51
2004	0	0.0%	40	90.9%	4	9.1%	44
2005	0	0.0%	37	80.4%	9*	19.6%	46
2006	0	0.0%	39	79.6%	10	20.4%	49

\* Includes two students over age six.

## NUMBER OF CHILDREN YOUNGER THAN AGE FIVE LIVING IN THE DISTRICT (as of January 1, 2006 City Census)

Age	Number	Year Entering K
1	28	2010-2011
2	28	2009-2010
3	33	2008-2009
4	42	2007-2008



# Underwood

## ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5 Year Average Ratios***				
	2005 FY06	2006 FY07	N	%	2007 FY08	2008 FY09	2009 FY10	2010 FY11	2011 FY12
K	39	49	10	25.6%	55	61	59	60	56
1	35	49	14	40.0%	52	61	65	63	64
2	48	39	-9	-18.8%	53	57	66	70	68
3	53	56	3	5.7%	41	56	60	69	75
4	41	56	15	36.6%	56	42	56	61	70
5	48	39	-9	-18.8%	53	54	40	54	58
Spec. Ed.**	0	0	0	0.0%	0	0	0	0	0
<b>TOTAL</b>	<b>264</b>	<b>288*</b>	<b>24</b>	<b>9.1%</b>	<b>310</b>	<b>331</b>	<b>346</b>	<b>377</b>	<b>391</b>

\*Includes 13 Metco students.

\*\*Students who receive Special Education services outside of the classroom for a significant amount of time.

\*\*\*Projections include new Metco students for each year. (See Appendix A for more detail).

## TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
1997	45	282		
1998	28	267	-15	-5.3%
1999	39	278	11	4.1%
2000	34	264	-14	-5.0%
2001	43	276	12	4.5%
2002	46	294	18	6.5%
2003	43	276	-18	-6.1%
2004	39	275	-1	-0.4%
2005	39	264	-11	-4.0%
2006	49	288	24	9.1%

Peak enrollment year: 2002, 294 students

# Underwood

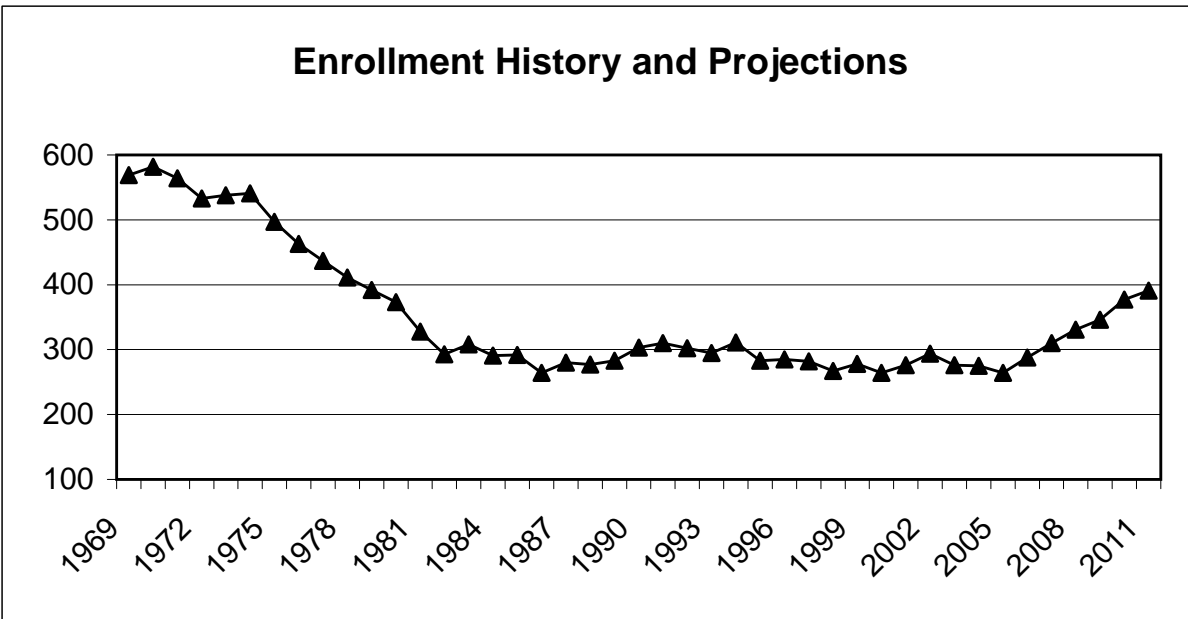
## DISTRIBUTION OF THE AGES OF INCOMING KINDERGARTEN STUDENTS\*

Year	Age 4		Age 5		Age 6		Total
	#	%	#	%	#	%	
1999	2	5.1%	34	87.2%	3	7.7%	39
2000	0	0.0%	29	85.3%	5	14.7%	34
2001	0	0.0%	42	97.7%	1	2.3%	43
2002	0	0.0%	40	87.0%	6	13.0%	46
2003	0	0.0%	39	90.7%	4	9.3%	43
2004	0	0.0%	32	82.1%	7	17.9%	39
2005	0	0.0%	35	89.7%	4	10.3%	39
2006	0	0.0%	40	81.6%	9	18.4%	49

\* Note 2004 includes one child, age 7, included as age 6 on this chart.

## NUMBER OF CHILDREN YOUNGER THAN AGE FIVE LIVING IN THE DISTRICT (as of January 1, 2006 City Census)

Age	Number	Year Entering K
1	30	2010-2011
2	30	2009-2010
3	35	2008-2009
4	29	2007-2008



# Ward

## ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5 Year Average Ratios***				
	2005 FY06	2006 FY07	N	%	2007 FY08	2008 FY09	2009 FY10	2010 FY11	2011 FY12
K	45	31	-14	-31.1%	37	35	35	35	37
1	38	46	8	21.1%	34	40	37	39	38
2	36	38	2	5.6%	46	35	40	38	39
3	52	34	-18	-34.6%	38	46	34	40	38
4	45	47	2	4.4%	33	37	45	33	39
5	46	41	-5	-10.9%	45	32	36	43	32
Spec. Ed.**	0	0	0	0.0%	0	0	0	0	0
<b>TOTAL</b>	<b>262</b>	<b>237*</b>	<b>-25</b>	<b>-9.5%</b>	<b>233</b>	<b>225</b>	<b>227</b>	<b>228</b>	<b>223</b>

\*Includes 7 Metco students.

\*\*Students who receive Special Education services outside of the classroom for a significant amount of time.

\*\*\*Projections include new Metco students for each year. (See Appendix A for more detail).

## TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
1997	40	335		
1998	40	319	-16	-4.8%
1999	54	343	24	7.5%
2000	37	325	-18	-5.2%
2001	47	304	-21	-6.5%
2002	49	281	-23	-7.6%
2003	33	274	-7	-2.5%
2004	35	262	-12	-4.4%
2005	45	262	0	0.0%
2006	31	237	-25	-9.5%

Peak enrollment year: 1999, 343 students

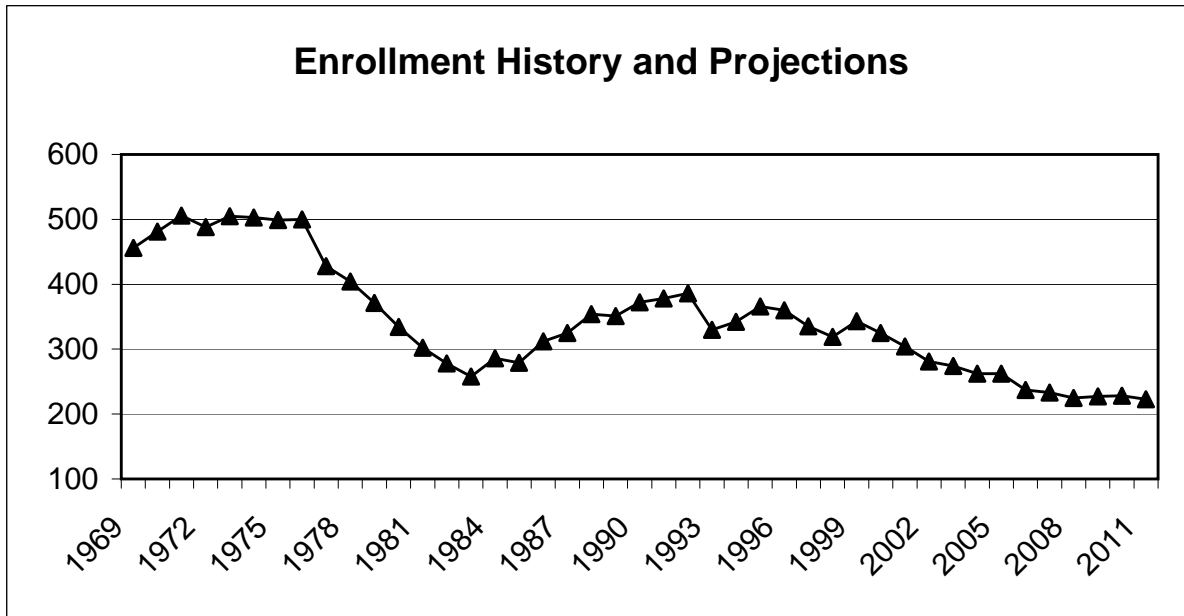
# Ward

## DISTRIBUTION OF THE AGES OF INCOMING KINDERGARTEN STUDENTS

Year	Age 4		Age 5		Age 6		Total
	#	%	#	%	#	%	
1999	0	0.0%	51	94.4%	3	5.6%	54
2000	0	0.0%	31	83.8%	6	16.2%	37
2001	1	2.1%	41	87.2%	5	10.6%	47
2002	0	0.0%	45	91.8%	4	8.2%	49
2003	0	0.0%	27	81.8%	6	18.2%	33
2004	0	0.0%	30	85.7%	5	14.3%	35
2005	0	0.0%	43	95.6%	2	4.4%	45
2006	0	0.0%	28	90.3%	3	9.7%	31

## NUMBER OF CHILDREN YOUNGER THAN AGE FIVE LIVING IN THE DISTRICT (as of January 1, 2006 City Census)

Age	Number	Year Entering K
1	30	2010-2011
2	31	2009-2010
3	40	2008-2009
4	42	2007-2008





# Williams

## ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5 Year Average Ratios***				
	2005 FY06	2006 FY07	N	%	2007 FY08	2008 FY09	2009 FY10	2010 FY11	2011 FY12
K	41	52	11	26.8%	46	47	47	47	46
1	52	43	-9	-17.3%	55	48	48	48	48
2	43	59	16	37.2%	44	56	49	49	50
3	48	43	-5	-10.4%	62	46	58	51	51
4	49	50	1	2.0%	44	62	45	58	50
5	42	48	6	14.3%	52	44	62	46	58
Spec. Ed.**	0	0	0	0.0%	0	0	0	0	0
<b>TOTAL</b>	<b>275</b>	<b>295*</b>	<b>20</b>	<b>7.3%</b>	<b>303</b>	<b>303</b>	<b>309</b>	<b>299</b>	<b>303</b>

\*Includes 9 Metco students.

\*\*Students who receive Special Education services outside of the classroom for a significant amount of time.

\*\*\*Projections include new Metco students for each year. (See Appendix A for more detail).

## TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
1997	36	269		
1998	46	260	-9	-3.3%
1999	35	258	-2	-0.8%
2000	36	241	-17	-6.6%
2001	43	257	16	6.6%
2002	42	260	3	1.2%
2003	40	254	-6	-2.3%
2004	51	264	10	3.9%
2005	41	275	11	4.2%
2006	52	295	20	7.3%

Peak enrollment year: 2006, 295 students

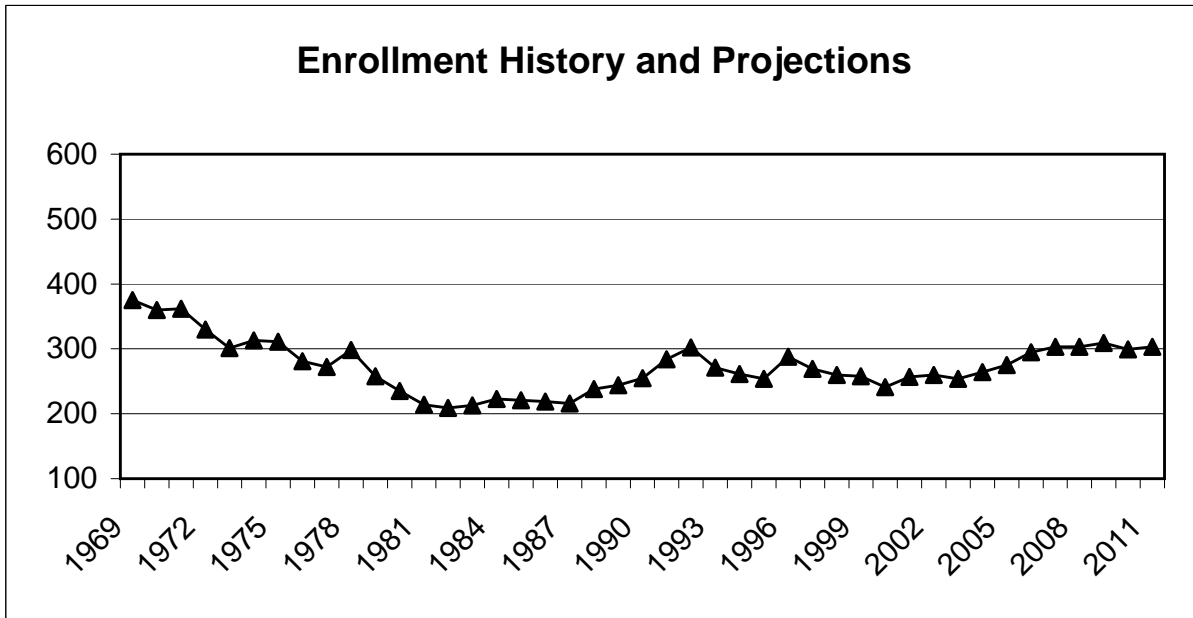
# Williams

## DISTRIBUTION OF THE AGES OF INCOMING KINDERGARTEN STUDENTS

Year	Age 4		Age 5		Age 6		Total
	#	%	#	%	#	%	
1999	6	17.1%	28	80.0%	1	2.9%	35
2000	0	0.0%	34	94.4%	2	5.6%	36
2001	0	0.0%	41	95.3%	2	4.7%	43
2002	0	0.0%	40	95.2%	2	4.8%	42
2003	0	0.0%	30	75.0%	10	25.0%	40
2004	0	0.0%	47	92.2%	4	7.8%	51
2005	0	0.0%	37	90.2%	4	9.8%	41
2006	0	0.0%	44	84.6%	8	15.4%	52

## NUMBER OF CHILDREN YOUNGER THAN AGE FIVE LIVING IN THE DISTRICT (as of January 1, 2006 City Census)

Age	Number	Year Entering K
1	24	2010-2011
2	32	2009-2010
3	37	2008-2009
4	24	2007-2008



# Zervas

## ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5 Year Average Ratios***				
	2005 FY06	2006 FY07	N	%	2007 FY08	2008 FY09	2009 FY10	2010 FY11	2011 FY12
K	46	56	10	21.7%	59	65	65	64	63
1	47	55	8	17.0%	59	62	68	68	67
2	57	45	-12	-21.1%	57	61	64	70	70
3	49	59	10	20.4%	46	58	62	66	72
4	59	54	-5	-8.5%	63	49	62	67	71
5	42	63	21	50.0%	54	63	49	62	67
Spec. Ed.**	0	0	0	0.0%	0	0	0	0	0
TOTAL	300	332*	32	10.7%	338	358	370	397	410

\*Includes 11 Metco students.

\*\*Students who receive Special Education services outside of the classroom for a significant amount of time.

\*\*\*Projections include new Metco students for each year. (See Appendix A for more detail).

## TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

Year	Enrollment		Change from Previous Year	% Change from Previous Year
	K	Total		
1997	55	287		
1998	51	311	24	8.4%
1999	39	281	-30	-9.6%
2000	38	281	0	0.0%
2001	51	276	-5	-1.8%
2002	47	287	11	4.0%
2003	51	284	-3	-1.0%
2004	46	287	3	1.1%
2005	46	300	13	4.5%
2006	56	332	32	10.7%

Peak enrollment year: 2006, 332 students

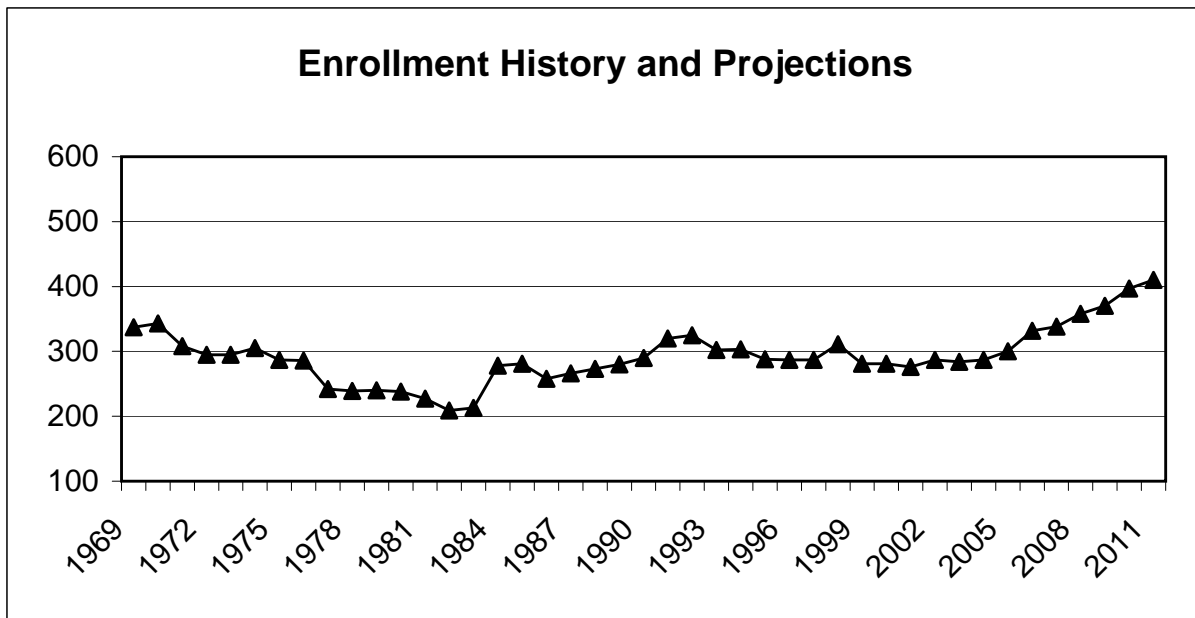
# Zervas

## DISTRIBUTION OF THE AGES OF INCOMING KINDERGARTEN STUDENTS

Year	Age 4		Age 5		Age 6		Total
	#	%	#	%	#	%	
1999	4	10.3%	32	82.1%	3	7.7%	39
2000	1	2.6%	32	84.2%	5	13.2%	38
2001	0	0.0%	47	92.2%	4	7.8%	51
2002	0	0.0%	39	83.0%	8	17.0%	47
2003	0	0.0%	42	82.4%	9	17.6%	51
2004	0	0.0%	38	82.6%	8	17.4%	46
2005	0	0.0%	38	82.6%	8	17.4%	46
2006	0	0.0%	48	85.7%	8	14.3%	56

## NUMBER OF CHILDREN YOUNGER THAN AGE FIVE LIVING IN THE DISTRICT (as of January 1, 2006 City Census)

Age	Number	Year Entering K
1	18	2010-2011
2	33	2009-2010
3	33	2008-2009
4	37	2007-2008



# Bigelow Middle School

## ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5 Year Average Ratios				
	2005 FY06	2006 FY07	N	%	2007 FY08	2008 FY09	2009 FY10	2010 FY11	2011 FY12
6	166	169	3	1.8%	151	174	159	154	209
7	159	167	8	5.0%	172	152	176	161	156
8	171	159	-12	-7.0%	168	174	153	176	162
Total	496	495	-1	-0.2%	491	500	488	491	527
Spec. Ed.**	0	0	0	-	0	0	0	0	0
<b>TOTAL</b>	<b>496</b>	<b>495*</b>	<b>-1</b>	<b>-0.2%</b>	<b>491</b>	<b>500</b>	<b>488</b>	<b>491</b>	<b>527</b>

\*Includes 32 Metco students.

\*\*Students who receive Special Education services outside of the classroom for a significant amount of time.

## TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

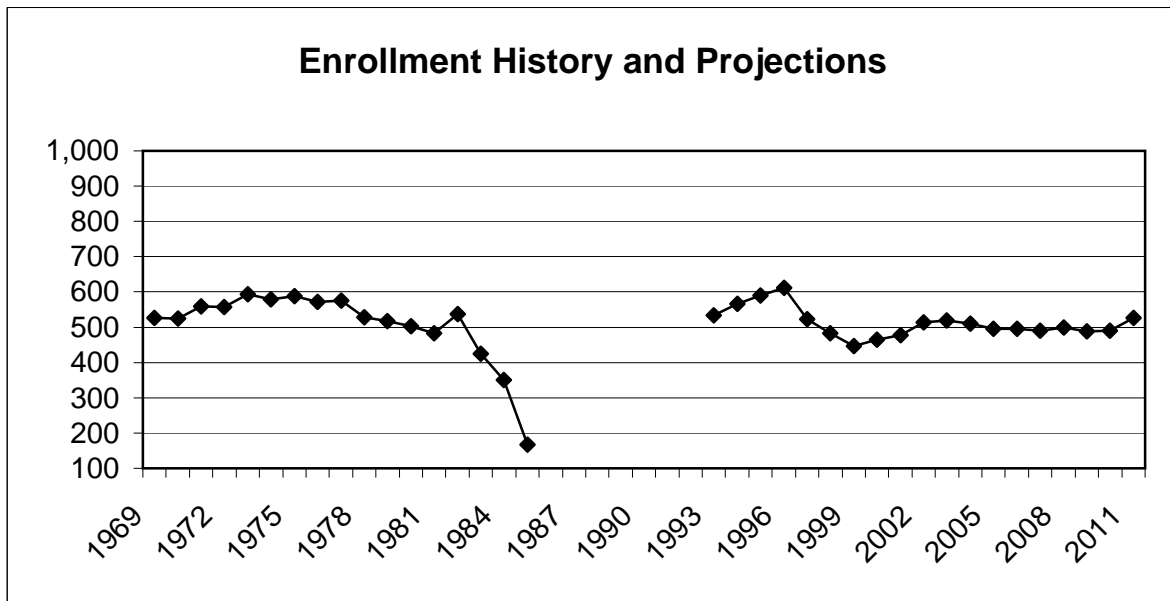
Year	Total Enrollment	Change from Previous Year	Percent Change
1997	522		
1998	483	-39	-7.5%
1999	446	-37	-7.7%
2000	465	19	4.3%
2001	477	12	2.6%
2002	513	36	7.5%
2003	520	7	1.4%
2004	510	-10	-1.9%
2005	496	-14	-2.7%
2006	495	-1	-0.2%

Peak enrollment year: 1997, 522 students  
1997-98 marks the opening of Oak Hill Middle School.

# Bigelow Middle School

FIFTH GRADE STUDENTS FROM THE BIGELOW  
FEEDER SCHOOLS WHO WILL ENTER THE SIXTH  
GRADE IN 2007

Elementary School	2006-2007 5th Grade Enrollment
Cabot (48%)	31
Lincoln-Eliot	41
Underwood	39
Ward	41
Total	152



# Brown Middle School

## ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5 Year Average Ratios				
	2005 FY06	2006 FY07	N	%	2007 FY08	2008 FY09	2009 FY10	2010 FY11	2011 FY12
6	208	225	17	8.2%	224	241	234	246	241
7	239	201	-38	-15.9%	223	223	240	232	244
8	256	236	-20	-7.8%	203	225	224	241	233
Total	703	662	-41	-5.8%	650	689	698	719	718
Spec. Ed.**	2	3	1	50.0%	3	3	3	3	3
<b>TOTAL</b>	<b>705</b>	<b>665*</b>	<b>-40</b>	<b>-5.7%</b>	<b>653</b>	<b>692</b>	<b>701</b>	<b>722</b>	<b>721</b>

\*Includes 27 Metco students.

\*\*Students who receive Special Education services outside of the classroom for a significant amount of time.

## TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

Year	Total Enrollment	Change from Previous Year	Percent Change
1997	645		
1998	749	104	16.1%
1999	771	22	2.9%
2000	752	-19	-2.5%
2001	735	-17	-2.3%
2002	756	21	2.9%
2003	770	14	1.9%
2004	787	17	2.2%
2005	705	-82	-10.4%
2006	665	-40	-5.7%

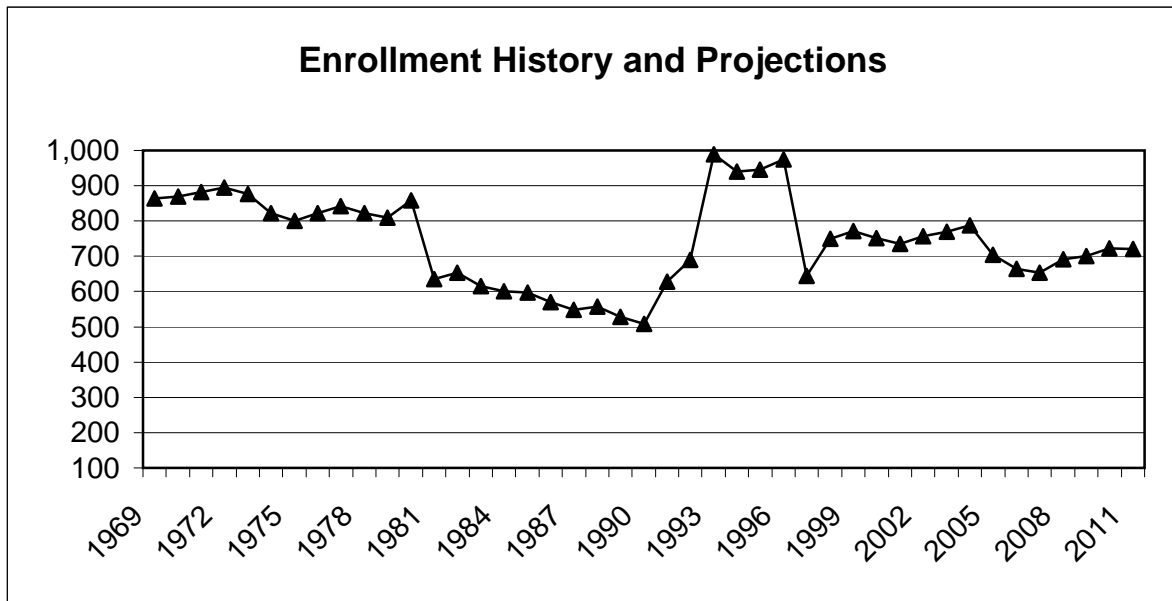
Peak enrollment year: 2004, 787 students

1997-98 marks the opening of Oak Hill Middle School.

# Brown Middle School

FIFTH GRADE STUDENTS FROM BROWN FEEDER SCHOOLS WHO  
WILL ENTER THE SIXTH GRADE IN 2007

Elementary School	2006-2007 5th Grade Enrollment
Angier	60
Countryside	79
Mason-Rice	52
Williams	48
Total	239





# Day Middle School

## ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5 Year Average Ratios				
	2005 FY06	2006 FY07	N	%	2007 FY08	2008 FY09	2009 FY10	2010 FY11	2011 FY12
6	249	236	-13	-5.2%	281	247	296	310	311
7	255	257	2	0.8%	240	285	250	300	314
8	264	254	-10	-3.8%	258	240	284	250	300
Total	768	747	-21	-2.7%	779	772	830	860	925
Spec. Ed.**	0	0	0		0	0	0	0	0
<b>TOTAL</b>	<b>768</b>	<b>747*</b>	<b>-21</b>	<b>-2.7%</b>	<b>779</b>	<b>772</b>	<b>830</b>	<b>860</b>	<b>925</b>

\*Includes 21 Metco students.

\*\*Students who receive Special Education services outside of the classroom for a significant amount of time.

## TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

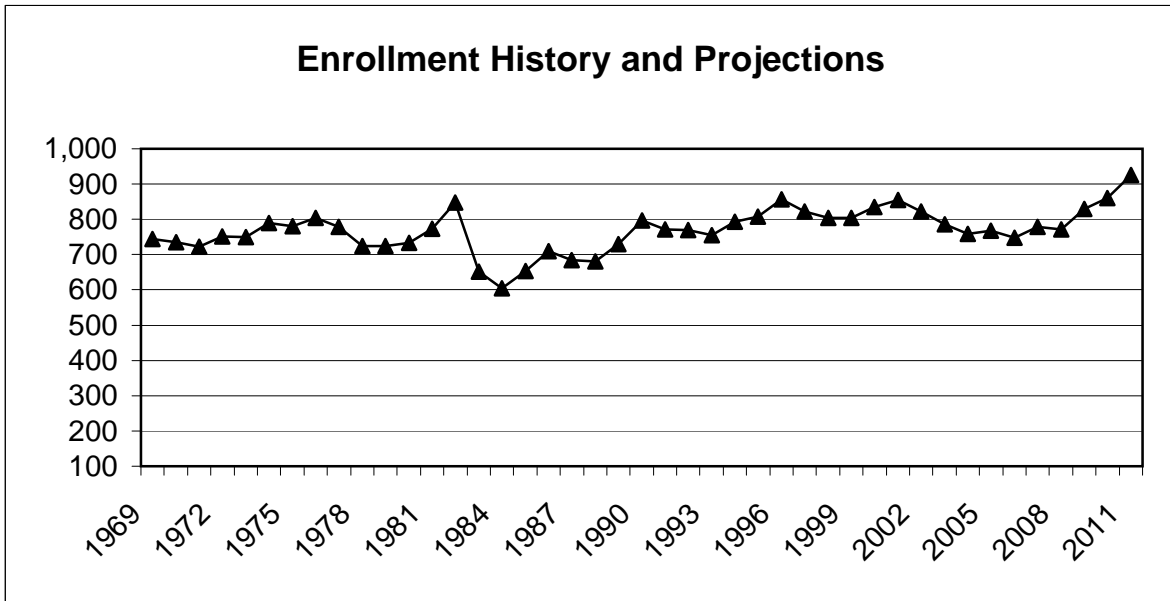
Year	Total Enrollment	Change from Previous Year	Percent Change
1997	823		
1998	804	-19	-2.3%
1999	804	0	0.0%
2000	835	31	3.9%
2001	855	20	2.4%
2002	822	-33	-3.9%
2003	785	-37	-4.5%
2004	758	-27	-3.4%
2005	768	10	1.3%
2006	747	-21	-2.7%

Peak enrollment year: 2001, 855 students  
1997-98 marks the opening of Oak Hill Middle School.

# Day Middle School

FIFTH GRADE STUDENTS FROM THE DAY FEEDER SCHOOLS WHO WILL ENTER THE SIXTH GRADE IN 2007

Elementary School	2006-2007 5th Grade Enrollment
Burr	60
Cabot (52%)	34
Franklin	65
Horace Mann	59
Peirce	47
Total	265



# Oak Hill Middle School

## ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5 Year Average Ratios				
	2005 FY06	2006 FY07	N	%	2007 FY08	2008 FY09	2009 FY10	2010 FY11	2011 FY12
6	181	194	13	7.2%	203	207	222	219	230
7	183	185	2	1.1%	196	204	209	223	219
8	201	188	-13	-6.5%	187	198	205	209	223
Total	565	567	2	0.4%	586	609	636	651	672
Spec. Ed.**	0	0	0	0.0%	0	0	0	0	0
<b>TOTAL</b>	<b>565</b>	<b>567*</b>	<b>2</b>	<b>0.4%</b>	<b>586</b>	<b>609</b>	<b>636</b>	<b>651</b>	<b>672</b>

\*Includes 19 Metco students.

\*\*Students who receive Special Education services outside of the classroom for a significant amount of time.

## TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

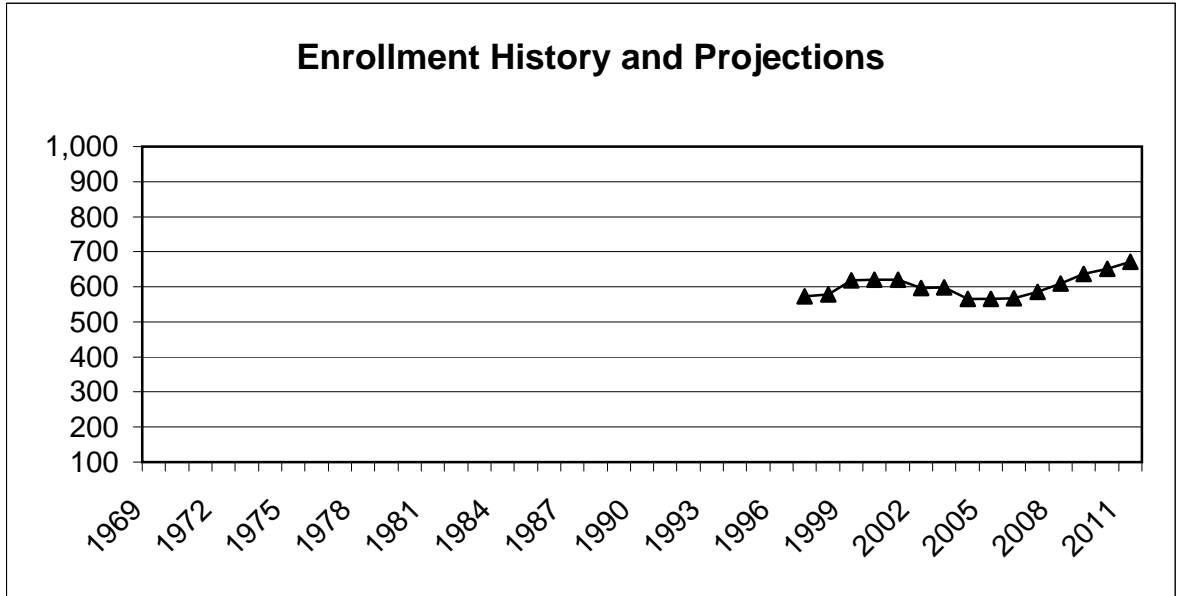
Year	Total Enrollment	Change from Previous Year	Percent Change
1997	572		
1998	578	6	1.0%
1999	415	-163	-28.2%
2000	620	205	49.4%
2001	621	1	0.2%
2002	597	-24	-3.9%
2003	598	1	0.2%
2004	565	-33	-5.5%
2005	565	0	0.0%
2006	567	2	0.4%

Peak enrollment year: 2001, 621 students  
1997-98 marks the opening of Oak Hill Middle School.

# Oak Hill Middle School

FIFTH GRADE STUDENTS FROM THE OAK HILL  
FEEDER SCHOOLS WHO WILL ENTER THE SIXTH  
GRADE IN 2007

Elementary School	2006-2007 5th Grade Enrollment
Bowen	60
Memorial-Spaulding	72
Zervas	63
Total	195



# North High School

## ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5 Year Average Ratios				
	2005 FY06	2006 FY07	N	%	2007 FY08	2008 FY09	2009 FY10	2010 FY11	2011 FY12
9	467	463	-4	-0.9%	447	454	446	468	459
10	493	454	-39	-7.9%	466	448	455	447	469
11	486	502	16	3.3%	461	472	454	461	453
12	531	480	-51	-9.6%	495	455	466	448	455
<b>TOTAL</b>	<b>1,977</b>	<b>1,899</b>	<b>-78</b>	<b>-4%</b>	<b>1,869</b>	<b>1,829</b>	<b>1,821</b>	<b>1,824</b>	<b>1,836</b>
Post Grads	0	0	0	0	0	0	0	0	0
SPED & PG	70	65	-5	-7%	65	65	65	65	65
<b>TOTAL</b>	<b>2,047</b>	<b>1,964**</b>	<b>-83</b>	<b>-4.1%</b>	<b>1,934</b>	<b>1,894</b>	<b>1,886</b>	<b>1,889</b>	<b>1,901</b>

\*Includes 57 Metco students.

\*\*Students who receive Special Education services outside of the classroom for a significant amount of time.

## TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

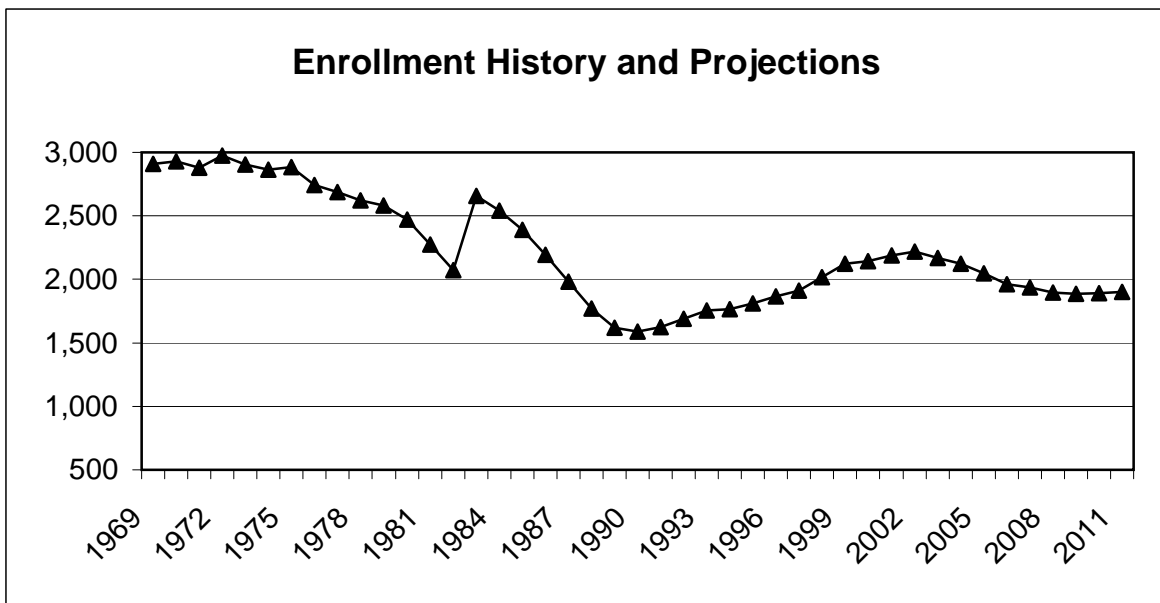
Year	Total Enrollment	Change from Previous Year	Percent Change
1997	1,911		
1998	2,019	108	5.7%
1999	2,123	104	5.2%
2000	2,144	21	1.0%
2001	2,190	46	2.1%
2002	2,219	29	1.3%
2003	2,169	-50	-2.3%
2004	2,121	-48	-2.2%
2005	2,047	-74	-3.5%
2006	1,964	-83	-4.1%

Peak enrollment year: 2002, 2219 students

# North High School

EIGHTH GRADE STUDENTS FROM THE NORTH FEEDER SCHOOLS  
WHO WILL ENTER THE 9TH GRADE IN 2007

Middle School	2006-2007 8th Grade Enrollment
Bigelow (100%)	159
Brown (10%)	24
Day (100%)	254
Total	437



# South High School

## ACTUAL AND PROJECTED ENROLLMENTS BY GRADE

Grade	October Enrollment		Difference		Projections Using 5 Year Average Ratios				
	2005 FY06	2006 FY07	N	%	2007 FY08	2008 FY09	2009 FY10	2010 FY11	2011 FY12
9	452	442	-10	-2.2%	411	377	405	413	434
10	413	457	44	10.7%	448	414	380	406	415
11	412	425	13	3.2%	459	449	416	380	407
12	386	402	16	4.1%	427	461	450	416	380
<b>TOTAL</b>	<b>1,663</b>	<b>1,726</b>	<b>63</b>	<b>4%</b>	<b>1,745</b>	<b>1,701</b>	<b>1,651</b>	<b>1,615</b>	<b>1,636</b>
Post Grads	0	0	0	0	0	0	0	0	0
Spec. Ed.**	38	19	-19	-50%	19	19	19	19	19
<b>TOTAL</b>	<b>1,701</b>	<b>1,745**</b>	<b>44</b>	<b>2.6%</b>	<b>1,764</b>	<b>1,720</b>	<b>1,670</b>	<b>1,634</b>	<b>1,655</b>

\*Includes 68 Metco students.

\*\*Students who receive Special Education services outside of the classroom for a significant amount of time.

## TEN YEARS OF TOTAL SCHOOL ENROLLMENTS

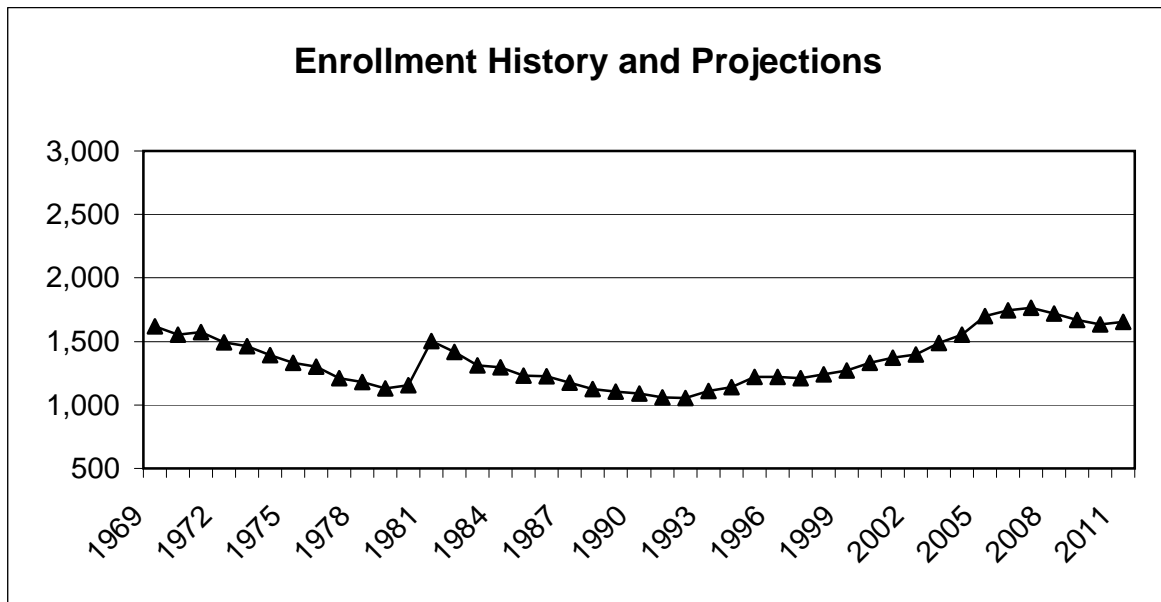
Year	Total Enrollment	Change from Previous Year	Percent Change
1997	1,211		
1998	1,240	29	2.4%
1999	1,273	33	2.7%
2000	1,333	60	4.7%
2001	1,370	37	2.8%
2002	1,399	29	2.1%
2003	1,487	88	6.3%
2004	1,552	65	4.4%
2005	1,701	149	9.6%
2006	1,745	44	2.6%

Peak enrollment year: 2006, 1745 students

# South High School

EIGHTH GRADE STUDENTS FROM THE SOUTH FEEDER SCHOOLS  
WHO WILL ENTER THE 9TH GRADE IN 2007

Middle School	2006-2007 8th Grade Enrollment
Brown (90%)	212
OakHill (100%)	188
Total	400





## **APPENDICES**

**A. Special Enrollments**

**B. Draft Elementary Class Sizes (FY08)**

**Optional District Information**

**C. Residential Complexes**

**D. City Of Newton Population Projections**

**E. Housing Data**

## APPENDIX A SPECIAL ENROLLMENTS

This section looks at enrollments in specific programs-- METCO, English Language Learners, Non-resident and special education students--enrolled in the Newton Public Schools.

### **METCO Enrollment** (Table 1 and 2)

The number of students participating in the METCO Program in the Newton Schools as of October 1, 2006 is 416. Of the 416 students, 46% are enrolled in the elementary schools, 24% at the middle schools and 30% at the senior high schools.

**TABLE 1  
METCO ENROLLMENT 2006-07 (FY07) BY SCHOOL AND GRADE**

School	Grade							Total
	K	1	2	3	4	5	Spec. Ed.*	
Angier	2	2	0	2	3	5	0	14
Bowen	3	1	3	1	3	3	0	14
Burr	0	3	5	3	1	7	0	19
Cabot	0	2	2	4	2	3	0	13
Countryside	0	0	1	2	2	5	0	10
Franklin	2	0	7	2	1	1	1	14
Horace Mann	0	4	0	0	4	1	0	9
Lincoln-Eliot	3	0	5	3	1	3	0	15
Mason-Rice	0	1	4	2	4	2	0	13
Memorial-Spaulding	3	3	5	3	0	3	0	17
Peirce	2	2	0	4	4	2	0	14
Underwood	0	4	2	2	3	2	0	13
Ward	0	2	4	1	0	0	0	7
Williams	2	3	2	2	0	0	0	9
Zervas	0	2	1	4	2	2	0	11
<b>Total Elementary</b>	<b>17</b>	<b>29</b>	<b>41</b>	<b>35</b>	<b>30</b>	<b>39</b>	<b>1</b>	<b>192</b>
				<b>6</b>	<b>7</b>	<b>8</b>	<b>Spec. Ed.*</b>	<b>Total</b>
Bigelow				10	11	11	0	32
Brown				11	8	8	0	27
Day				6	8	7	0	21
Oak Hill				8	6	5	0	19
<b>Total Middle</b>				<b>35</b>	<b>33</b>	<b>31</b>	<b>0</b>	<b>99</b>
			<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>Spec. Ed.*</b>	<b>Total</b>
North High			16	12	9	17	3	57
South High			15	21	21	10	1	68
<b>Total Senior High</b>			<b>31</b>	<b>33</b>	<b>30</b>	<b>27</b>	<b>4</b>	<b>125</b>
<b>Grand Total</b>								<b>416</b>

\*Students who receive special education services outside the regular classroom for a significant amount of time.

**TABLE 2  
DISTRIBUTION OF NEW METCO STUDENTS (2007-08 THROUGH 2011-12)**

<b>School</b>	<b>2007-08</b>				<b>2008-09</b>				<b>2009-10</b>				<b>2010-11</b>				<b>2011-12</b>			
	<b>K</b>	<b>1</b>	<b>2</b>	<b>Total</b>	<b>K</b>	<b>1</b>	<b>2</b>	<b>Total</b>	<b>K</b>	<b>1</b>	<b>2</b>	<b>Total</b>	<b>K</b>	<b>1</b>	<b>2</b>	<b>Total</b>	<b>K</b>	<b>1</b>	<b>2</b>	<b>Total</b>
Angier	2	0	0	<b>2</b>	2	2	0	<b>4</b>	2	0	0	<b>2</b>	2	0	0	<b>2</b>	2	0	0	<b>2</b>
Bowen	0	0	0	<b>0</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>
Burr	3	0	0	<b>3</b>	2	0	0	<b>2</b>	4	0	0	<b>4</b>	3	2	0	<b>5</b>	4	2	0	<b>6</b>
Cabot	0	0	0	<b>0</b>	0	0	0	<b>0</b>	0	0	2	<b>2</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>
Countryside	2	0	0	<b>2</b>	2	2	0	<b>4</b>	4	2	0	<b>6</b>	4	0	2	<b>6</b>	4	2	2	<b>8</b>
Franklin	0	0	2	<b>2</b>	2	0	0	<b>2</b>	4	0	0	<b>4</b>	4	0	0	<b>4</b>	4	0	0	<b>4</b>
Horace Mann	0	2	2	<b>4</b>	2	2	0	<b>4</b>	0	0	2	<b>2</b>	0	0	2	<b>2</b>	0	0	2	<b>2</b>
Lincoln-Eliot	2	0	0	<b>2</b>	2	2	0	<b>4</b>	0	0	0	<b>0</b>	0	2	0	<b>2</b>	0	0	0	<b>0</b>
Mason-Rice	0	2	0	<b>2</b>	0	0	2	<b>2</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>
Memorial-Spaulding	0	2	0	<b>2</b>	0	0	0	<b>0</b>	2	2	0	<b>4</b>	2	0	0	<b>2</b>	2	0	0	<b>2</b>
Peirce	0	0	0	<b>0</b>	0	2	0	<b>2</b>	0	2	2	<b>4</b>	0	2	0	<b>2</b>	2	2	0	<b>4</b>
Underwood	2	0	0	<b>2</b>	2	2	0	<b>4</b>	0	0	0	<b>0</b>	2	0	0	<b>2</b>	0	0	0	<b>0</b>
Ward	3	3	0	<b>6</b>	2	2	0	<b>4</b>	3	2	0	<b>5</b>	3	3	0	<b>6</b>	2	2	0	<b>4</b>
Williams	0	0	0	<b>0</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>
Zervas	0	0	0	<b>0</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>
<b>Total</b>	14	9	4	<b>27</b>	16	14	2	<b>32</b>	19	8	6	<b>33</b>	20	9	4	<b>33</b>	20	8	4	<b>32</b>

\*New METCO students each year replace graduates (grade 12) and students who leave the program.

**English Language Learners** (Tables 3 and 4)

Table 3 indicates an increase (+5.9%) in the number of K-12 students identified as "English Language Learners" and enrolled in the state-mandated Sheltered English Immersion Program. Forty-one identified ELL students/families chose not to participate in the ELL Program.

**TABLE 3  
ENGLISH LANGUAGE LEARNERS ENROLLMENT 1990-2006**

<b>Year (as of 10/1)</b>	<b>Program Enrollment</b>	<b>% Change</b>
1990	316	
1991	390	23.4%
1992	414	6.2%
1993	486	17.4%
1994	468	-3.7%
1995	454	-3.0%
1996	485	6.8%
1997	480	-1.0%
1998	466	-2.9%
1999	509	9.2%
2000	566	11.2%
2001	581	2.7%
2002	551	-5.2%
2003	545	-1.1%
2004	551	1.1%
2005	522	-5.3%
2006	553	5.9%

Table 4 shows the numbers of students in each of the 7 largest language groups for this school year and last. The students in these groups receive native language support as needed. "Other" languages represent 21% of the total program enrollment, up from 18% last year.

**TABLE 4**  
**ENGLISH LANGUAGE LEARNERS ENROLLMENT BY LANGUAGE**

Language	2004-05			2005-06			Difference 2004-05 vs 2005-06			2006-07			Difference 2005-06 vs 2006-07		
	K-5	6-12	Total	K-5	6-12	Total	K-5	6-12	Total	K-5	6-12	Total	K-5	6-12	Total
Chinese (All Forms)	109	55	164	102	49	151	-7	-6	-13	93	51	144	-9	2	-7
Russian	61	27	88	48	18	66	-13	-9	-22	48	13	61	0	-5	-5
Spanish	54	27	81	55	18	73	1	-9	-8	59	12	71	4	-6	-2
Korean	26	19	45	25	18	43	-1	-1	-2	37	21	58	12	3	15
Japanese	24	7	31	23	6	29	-1	-1	-2	18	4	22	-5	-2	-7
Hebrew	27	14	41	30	14	44	3	0	3	36	20	56	6	6	12
Portuguese	8	15	23	12	8	20	4	-7	-3	15	9	24	3	1	4
Other	45	33	78	62	34	96	17	1	18	72	45	117	10	11	21
<b>Total</b>	<b>354</b>	<b>197</b>	<b>551</b>	<b>357</b>	<b>165</b>	<b>522</b>	<b>3</b>	<b>-32</b>	<b>-29</b>	<b>378</b>	<b>175</b>	<b>553</b>	<b>21</b>	<b>10</b>	<b>31</b>

### Non-Resident Students (Table 5)

The number of non-resident students attending the Newton Public Schools has decreased from 513 last year to 507 students this year. The number of non-resident students enrolled in the Newton Schools has reached as high as 560 students within the last decade. Students enrolled in the METCO program have traditionally made up approximately 82% of the total non-resident population.

**TABLE 5**  
**NUMBER OF NON-RESIDENT STUDENTS**  
**OCTOBER 1, 2005 AND OCTOBER 1, 2006**

<b>Category</b>	<b>2005-06</b>	<b>2006-07</b>	<b>Difference</b>	<b>% Change</b>
METCO Program Students	419	416	-3	-0.7%
Tuition-In Students	2	1	-1	-50.0%
Hearing Impaired (EDCO)	34	28	-6	-17.6%
Okay to Attend	9	12	3	33.3%
Faculty Children	48	50	2	4.2%
Hurricane Katrina Students*	1	0	-1	100.0%
<b>Total</b>	<b>513</b>	<b>507</b>	<b>-6</b>	<b>-1.2%</b>

\*There were 10 students from Hurricane Katrina attending NPS last year. Nine of these students were residents in Newton and one was a non-resident. There are only two resident students still attending the Newton Public Schools as of 10/1/06.

### Special Education Students (Table 6 – See Next Page)

The number of students receiving Special Education services is reported by program placement rather than by prototype as it had been reported prior to October 2003. The current codes reflect time out of the regular classroom environment. Most students are placed in the general education classroom with less than 21% of the time spent outside of the classroom. For all grade levels combined, the percentage of Special Education students in the Newton Public Schools remained consistent with last year at 18.4% versus 18.5%, even though total system-wide enrollment increased. At the elementary schools, the number of Special Education students decreased this year by 1 student. The middle schools increased by 2 Special Education students, while the high schools went down by 3 students.

**TABLE 6**  
**DISTRIBUTION OF STUDENTS RECEIVING SPECIAL EDUCATION SERVICES**

**October, 2006**

Level	Level of Service								Total Special Education**	% of Total Enrollment
	10	20	40	41	50	60	70	90		
% of Time Outside Classroom	<21%	21-60%	>60%*	100%*	100%	100%	100%	100%		
Elementary	694	25	17	3	10	1	0	2	752	14.1%
Middle	431	112	6	2	19	3	0	0	573	23.2%
Senior High	476	163	87	4	47	11	0	0	788	21.2%
Total	1,601	300	110	9	76	15	0	2	2,113	18.4%

\*The Level of Service of "40" is for students of "All ages, in a substantially separate classroom"; "41" is "All ages, in a Public Separate Day School."

\*\*Includes tuitioned out students. It does not include Pre School students. If Pre School students (118) were included in this table, the total special education population would be 2,231.

**October, 2005**

Level	Level of Service								Total Special Education**	% of Total Enrollment
	10	20	40	41	50	60	70	90		
% of Time Outside Classroom	<21%	21-60%	>60%	100%*	100%	100%	100%	100%		
Elementary	676	35	23	2	14	1	0	2	753	14.7%
Middle	456	82	9	2	21	1	0	0	571	22.5%
Senior High	493	135	106	7	35	14	1	0	791	21.1%
Total	1,625	252	138	11	70	16	1	2	2,115	18.5%

\*The Level of Service of "40" is for students of "All ages, in a substantially separate classroom"; "41" is "All ages, in a Public Separate Day School."

\*\*Includes tuitioned out students. It does not include Pre School students. If Pre School students (192) were included in this table, the total special education population would be 2,307.

**October, 2004**

Level	Level of Service								Total Special Education*	% of Total Enrollment
	10	20	40	41	50	60	70	90		
% of Time Outside Classroom	<21%	21-60%	>60%	100%	100%	100%	100%	100%		
Elementary	660	40	24	0	17	1	0	2	744	15.0%
Middle	483	91	9	0	25	2	0	0	610	23.3%
Senior High	436	134	89	0	49	18	0	0	726	19.8%
Total	1,579	265	122	0	91	21	0	2	2,080	18.5%

\*Includes tuitioned out students. It does not include Pre School students. If Pre School students (140) were included in this table, the total special education population would be 2,220.

**October, 2003**

Level	Level of Service							Total Special Education*	% of Total Enrollment
	10	20	40	41	50	60	70		
% of Time Outside Classroom	<21%	21-60%	>60%	100%	100%	100%	100%		
Elementary	649	34	8	0	19	1	0	711	14.4%
Middle	467	77	16	0	19	1	0	580	21.7%
Senior High	368	149	90	0	51	23	0	681	18.6%
Total	1,484	260	114	0	89	25	0	1,972	17.5%

\*Includes tuitioned out students. It does not include Pre School students. If Pre School students (80) were included in this table, the total special education population would be 2,109.

**October, 2002**

Level	Prototype							Total Special Education*	% of Total Enrollment
	502.1	502.2	502.3	502.4	502.5	502.6	502.7		
% of Time Outside Classroom	0%	25%	60%	100%	100%	100%	100%		
Elementary	107	514	9	19	18	0	0	667	13.4%
Middle	66	376	67	13	10	1	0	533	19.8%
Senior High	6	415	85	89	38	20	0	653	18.0%
Total	179	1,305	161	121	66	21	0	1,853	16.4%

\*Includes tuitioned out students. It does not include Pre School students. If Pre School students (502.8) were included in this table, the total special education population would be 1,927.

## APPENDIX B

### TABLE 7\*

**DISTRIBUTION OF ELEMENTARY CLASS SIZES (WITH PROJECTED NEW METCO)  
AS OF OCTOBER 1, 2007 (Using 3 year ratios) - DRAFT FY08**

SCHOOL	Grade											TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5	
<b>Angier</b>			17									# Rooms
	19		16		22		23		21		22	
	19		16		22		23		21		21	19
	19		16		21		23		20		21	
<b>TOTAL</b>	57	0	65	0	65	0	69	0	62	0	64	382
<b>Bowen</b>	18		18									# Rooms
	18		18		20		19					
	18		18		20		19		23		21	24
	18		18		20		19		23		20	
	18		18		20		19		22		20	
<b>TOTAL</b>	90	0	90	0	80	0	76	0	68	0	61	465
<b>Burr</b>	16											# Rooms
	16		20		18		20		20			
	15		20		18		19		20		22	18
	15		20		18		19		20		21	
<b>TOTAL</b>	62	0	60	0	54	0	58	0	60	0	43	337
<b>Cabot</b>	19		19		21		21					# Rooms
	18		19		20		21		21		22	22
	18		19		20		21		21		22	
	18		19		20		20		20		22	
<b>TOTAL</b>	73	0	76	0	81	0	83	0	62	0	66	441
<b>Countryside</b>	17											# Rooms
	16		19				19		19		19	
	16		19		24		19		19		18	24
	16		19		24		18		19		18	
	16		19		23		18		18		18	
<b>TOTAL</b>	81	0	76	0	71	0	74	0	75	0	73	450
<b>Franklin**</b>	20		17		21							# Rooms
	20		17		21		22		22		19	
	20		17		21		21		22		18	21
	19		17		20		21		21		18	
<b>TOTAL</b>	79	0	68	0	83	0	64	0	65	0	55	414
<b>Horace Mann</b>	18		20		21		24		21			# Rooms
	18		20		20		24		21		22	17
	18		19		20		24		21		22	
<b>TOTAL</b>	54	0	59	0	61	0	72	0	63	0	44	353
<b>Lincoln-Eliot</b>	16											# Rooms
	16		17		22							
	15		17		21		22		23		22	16
	15		16		21		21		23		21	
<b>TOTAL</b>	62	0	50	0	64	0	43	0	46	0	43	308

\*Table 7 is a theoretical representation of class sizes using the projected enrollment.

The table does not represent a staffing plan for FY08.

\*\*Does not include 14 students who receive special education services outside the regular classroom a significant amount of the time.



## APPENDIX B

### TABLE 7\*

**DISTRIBUTION OF ELEMENTARY CLASS SIZES (WITH PROJECTED NEW METCO)  
AS OF OCTOBER 1, 2007 (Using 3 year ratios) - DRAFT FY08**

SCHOOL	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5		
<b>Mason-Rice</b>	16		16										
	15		16		24		19		23		23		# Rooms
	15		15		23		19		23		22		20
	15		15		23		19		22		22		
<b>TOTAL</b>	61	0	62	0	70	0	57	0	68	0	67		385
<b>Memorial-Spaulding</b>			17										
	19		16				19		20		21		# Rooms
	18		16		22		19		20		21		24
	18		16		22		19		20		21		
<b>TOTAL</b>	73	0	81	0	65	0	76	0	80	0	83		458
<b>Peirce</b>	17		18		17		21		22		18		# Rooms
	17		18		17		20		21		18		18
	16		18		17		20		21		18		
<b>TOTAL</b>	50	0	54	0	51	0	61	0	64	0	54		334
<b>Underwood</b>	19		18		18				19		18		# Rooms
	18		17		17		21		19		18		17
	18		17		17		21		18		17		
<b>TOTAL</b>	55	0	52	0	52	0	42	0	56	0	53		310
<b>Ward</b>	19		17		23		19		17		23		# Rooms
	18		17		23		19		16		22		12
<b>TOTAL</b>	37	0	34	0	46	0	38	0	33	0	45		233
<b>Williams</b>	16		19				21				18		# Rooms
	15		18		22		21		22		17		
	15		18		22		20		22		17		16
<b>TOTAL</b>	46	0	55	0	44	0	62	0	44	0	52		303
<b>Zervas</b>	20		20		19				21		18		# Rooms
	20		20		19		23		21		18		17
	19		19		19		23		21		18		
<b>TOTAL</b>	59	0	59	0	57	0	46	0	63	0	54		338

	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	TOTAL
	K	K-1	1	1-2	2	2-3	3	3-4	4	4-5	5		
<b>**Grand Total:</b>	939	0	941	0	944	0	921	0	909	0	857		<b>5,511</b>
<b>Avg. Class Size:</b>	17.4	0.0	17.8	0.0	20.5	0.0	20.5	0.0	20.7	0.0	19.9		<b>19.3</b>
<b># of Rooms/Classes</b>	54	0	53	0	46	0	45	0	44	0	43		<b>285</b>

\*Table 7 is a theoretical representation of class sizes using the projected enrollment.

The table does not represent a staffing plan for FY08.

\*\*Does not include 14 students who receive special education services outside the regular classroom a significant amount of the time.

**TABLE 8**  
**Elementary Students by District with Optional Districts**  
**October 2006**

Elementary District	School Attending	K	1	2	3	4	5	Total	Total Students in District including Out of District Choice Students	% of District	% of Total Students	
<b><u>Optional Districts</u></b>												
ANGIER-WILLIAMS	Angier	3	6	4	6	3	1	<b>23</b>	67	34%	0%	
	Williams	8	5	6	6	10	7	<b>42</b>	67	63%	1%	
	<i>Subtotal</i>	<i>11</i>	<i>11</i>	<i>10</i>	<i>12</i>	<i>13</i>	<i>8</i>	<b>65</b>	67	97%	1%	
BOWEN-MASON-RICE	Bowen	4	4	4	4	7	5	<b>28</b>	38	74%	1%	
	Mason-Rice	2	2	1	3	2	0	<b>10</b>	38	26%	0%	
	<i>Subtotal</i>	<i>6</i>	<i>6</i>	<i>5</i>	<i>7</i>	<i>9</i>	<i>5</i>	<b>38</b>	38	100%	1%	
BURR-WILLIAMS	Burr	4	3	5	2	2	4	<b>20</b>	42	48%	0%	
	Williams	5	1	6	4	4	2	<b>22</b>	42	52%	0%	
	<i>Subtotal</i>	<i>9</i>	<i>4</i>	<i>11</i>	<i>6</i>	<i>6</i>	<i>6</i>	<b>42</b>	42	100%	1%	
CABOT-UNDERWOOD	Cabot	1	3	1	2	1	3	<b>11</b>	13	85%	0%	
	Underwood	0	0	0	0	0	0	<b>0</b>	13	0%	0%	
	<i>Subtotal</i>	<i>1</i>	<i>3</i>	<i>1</i>	<i>2</i>	<i>1</i>	<i>3</i>	<b>11</b>	13	85%	0%	
COUNTRYSIDE-MEMORIAL-SPAULDING	Countryside	0	0	0	1	1	2	<b>4</b>	12	33%	0%	
	Memorial-Spaulding	3	0	1	0	2	2	<b>8</b>	12	67%	0%	
	<i>Subtotal</i>	<i>3</i>	<i>0</i>	<i>1</i>	<i>1</i>	<i>3</i>	<i>4</i>	<b>12</b>	12	100%	0%	
COUNTRYSIDE-ZERVAS	Countryside	1	0	0	0	0	0	<b>1</b>	1	100%	0%	
	Zervas	0	0	0	0	0	0	<b>0</b>	1	0%	0%	
	<i>Subtotal</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<b>1</b>	1	100%	0%	
FRANKLIN-BURR	Burr	0	2	0	3	0	1	<b>6</b>	27	22%	0%	
	Franklin	6	2	5	2	2	3	<b>20</b>	27	74%	0%	
	<i>Subtotal</i>	<i>6</i>	<i>4</i>	<i>5</i>	<i>5</i>	<i>2</i>	<i>4</i>	<b>26</b>	27	96%	1%	
FRANKLIN-HORACE MANN	Franklin	0	0	1	1	0	0	<b>2</b>	29	7%	0%	
	Horace Mann	5	10	2	4	3	3	<b>27</b>	29	93%	1%	
	<i>Subtotal</i>	<i>5</i>	<i>10</i>	<i>3</i>	<i>5</i>	<i>3</i>	<i>3</i>	<b>29</b>	29	100%	1%	
HORACE MANN-LINCOLN-ELIOT	Horace Mann	4	4	8	8	5	6	<b>35</b>	45	78%	1%	
	Lincoln-Eliot	0	5	0	1	2	0	<b>8</b>	45	18%	0%	
	<i>Subtotal</i>	<i>4</i>	<i>9</i>	<i>8</i>	<i>9</i>	<i>7</i>	<i>6</i>	<b>43</b>	45	96%	1%	
MASON-RICE-BOWEN	Bowen	1	2	2	0	3	0	<b>8</b>	26	31%	0%	
	Mason-Rice	7	4	2	2	2	1	<b>18</b>	26	69%	0%	
	<i>Subtotal</i>	<i>8</i>	<i>6</i>	<i>4</i>	<i>2</i>	<i>5</i>	<i>1</i>	<b>26</b>	26	100%	1%	

**TABLE 8**  
**Elementary Students by District with Optional Districts**  
**October 2006**

Elementary District	School Attending	K	1	2	3	4	5	Total	Total Students in District including Out of District Choice Students	% of District	% of Total Students
MASON-RICE-WARD	Mason-Rice	9	10	10	12	12	4	<b>57</b>	67	85%	1%
	Ward	1	3	1	2	0	1	<b>8</b>	67	12%	0%
	<i>Subtotal</i>	<i>10</i>	<i>13</i>	<i>11</i>	<i>14</i>	<i>12</i>	<i>5</i>	<b>65</b>	<i>67</i>	<i>97%</i>	<i>1%</i>
UNDERWOOD-WARD	Underwood	0	2	0	2	2	2	<b>8</b>	13	62%	0%
	Ward	2	0	1	1	0	1	<b>5</b>	13	38%	0%
	<i>Subtotal</i>	<i>2</i>	<i>2</i>	<i>1</i>	<i>3</i>	<i>2</i>	<i>3</i>	<b>13</b>	<i>13</i>	<i>100%</i>	<i>0%</i>
WILLIAMS-PEIRCE	Peirce	4	4	16	10	6	6	<b>46</b>	55	84%	1%
	Williams	0	1	3	1	0	3	<b>8</b>	55	15%	0%
	<i>Subtotal</i>	<i>4</i>	<i>5</i>	<i>19</i>	<i>11</i>	<i>6</i>	<i>9</i>	<b>54</b>	<i>55</i>	<i>98%</i>	<i>1%</i>
ZERVAS-MASON-RICE	Mason-Rice	0	3	0	2	4	1	<b>10</b>	15	67%	0%
	Zervas	0	1	1	1	0	2	<b>5</b>	15	33%	0%
	<i>Subtotal</i>	<i>0</i>	<i>4</i>	<i>1</i>	<i>3</i>	<i>4</i>	<i>3</i>	<b>15</b>	<i>15</i>	<i>100%</i>	<i>0%</i>
<b>Total Optional Districts</b>		<b>70</b>	<b>77</b>	<b>80</b>	<b>80</b>	<b>73</b>	<b>60</b>	<b>440</b>	<b>450</b>	<b>98%</b>	<b>9%</b>
<b><u>Regular Districts</u></b>											
ANGIER	Angier	52	50	60	47	54	49	<b>312</b>	325	96%	6%
BOWEN	Bowen	76	69	65	60	40	54	<b>364</b>	376	97%	7%
BURR	Burr	55	42	46	51	40	46	<b>280</b>	300	93%	5%
CABOT	Cabot	67	70	72	51	62	55	<b>377</b>	390	97%	7%
COUNTRYSIDE	Countryside	70	67	68	69	67	69	<b>410</b>	437	94%	8%
FRANKLIN	Franklin	60	78	48	55	52	59	<b>352</b>	374	94%	7%
HORACE MANN	Horace Mann	45	39	55	47	27	46	<b>259</b>	278	93%	5%
LINCOLN-ELIOT	Lincoln-Eliot	42	55	36	42	38	36	<b>249</b>	271	92%	5%
MASON-RICE	Mason-Rice	37	50	35	43	40	39	<b>244</b>	251	97%	5%
MEMORIAL-SPAULDING	Memorial-Spauldning	66	61	64	68	78	62	<b>399</b>	411	97%	8%
PEIRCE	Peirce	40	42	39	44	41	33	<b>239</b>	245	98%	5%
UNDERWOOD	Underwood	47	40	32	50	45	33	<b>247</b>	254	97%	5%
WARD	Ward	22	38	27	28	45	38	<b>198</b>	204	97%	4%
WILLIAMS	Williams	36	33	36	29	35	36	<b>205</b>	212	97%	4%
ZERVAS	Zervas	56	50	41	52	51	55	<b>305</b>	316	97%	6%
<b>Total Regular Districts</b>		<b>771</b>	<b>784</b>	<b>724</b>	<b>736</b>	<b>715</b>	<b>710</b>	<b>4,440</b>	<b>4,644</b>	<b>96%</b>	<b>87%</b>
<b>Out of District Students</b>		<b>25</b>	<b>19</b>	<b>45</b>	<b>38</b>	<b>42</b>	<b>45</b>	<b>214</b>			<b>4%</b>
<b>Total Students</b>		<b>866</b>	<b>880</b>	<b>849</b>	<b>854</b>	<b>830</b>	<b>815</b>	<b>5,094</b>	<b>5,094</b>		<b>100%</b>

NOTE: The figures in this table are based off preliminary enrollments and are derived from resident students only.

## APPENDIX C

### RESIDENTIAL COMPLEXES

**TABLE 9**  
**TOTAL NUMBER OF STUDENTS MANUALLY ADDED TO THE PROJECTIONS**  
**(SEE DETAILS BY RESIDENTIAL COMPLEX TO FOLLOW)**

<b>Grade</b>	<b>2007-2008</b>	<b>2008-2009</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>2011-2012</b>
K	4	5	5	6	5
1	4	5	6	5	6
2	4	4	6	6	5
3	5	4	5	6	6
4	4	5	5	5	6
5	4	4	6	5	5
<b>Total Elementary</b>	<b>25</b>	<b>27</b>	<b>33</b>	<b>33</b>	<b>33</b>
6	2	5	7	5	5
7	3	3	6	7	5
8	4	6	4	6	7
<b>Total Middle</b>	<b>9</b>	<b>14</b>	<b>17</b>	<b>18</b>	<b>17</b>
9	4	6	7	6	6
10	6	6	7	7	6
11	3	7	7	7	7
12	2	4	8	7	7
<b>Total Senior High</b>	<b>15</b>	<b>23</b>	<b>29</b>	<b>27</b>	<b>26</b>
<b>Grand Total</b>	<b>49</b>	<b>64</b>	<b>79</b>	<b>78</b>	<b>76</b>

**OXFORD HOUSE ON WALNUT STREET**

Cabot, Bigelow, North

391 Walnut Street

10 - 2 bedroom, 1 of which is affordable

1 - 3 bedroom, 1 of which is affordable

Total - 2 of 11 are affordable

Now selling

Units are for purchase, not rent

**Projected Number of Students to Attend Newton Public Schools: (1)**

<b>Grade</b>	<b>2007-2008</b>	<b>2008-2009</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>2011-2012</b>
K	0	0	0	0	1
1	0	0	0	0	0
2	1	0	0	0	0
3	0	1	0	0	0
4	0	0	1	0	0
5	0	0	0	1	0
Subtotal Elementary	1	1	1	1	1
6			1		
7	1			1	
8		1			1
Subtotal Middle School	1	1	1	1	1
9				1	
10	1				1
11		1			
12			1		
Subtotal High School	1	1	1	1	1
All grade levels	3	3	3	3	3

**(1) Students were manually added to the projections.**

**AVALON AT CHESTNUT HILL**

Bowen, Oak Hill and South

160 Boylston Street

See Table 13 for Mix of Units

Rental Units

**Projected Number of Students to Attend Newton Public Schools: (1)**

<b>Grade</b>	<b>2007-2008</b>	<b>2008-2009</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>2011-2012</b>
K	3	3	2	3	2
1	3	3	3	2	3
2	2	3	3	3	2
3	3	2	3	3	3
4	2	3	2	3	3
5	3	2	3	2	3
Subtotal Elementary	16	16	16	16	16
6	1	3	3	3	2
7	1	2	3	3	3
8	2	3	2	3	3
Subtotal Middle School	4	8	8	9	8
9	2	4	3	2	3
10	3	4	4	3	2
11	1	4	4	4	3
12	1	2	4	4	4
Subtotal High School	7	14	15	13	12
All grade levels	27	38	39	38	36

**(1) Students were manually added to the projections.**

**ARBORPOINT AT WOODLAND STATION**

Peirce, Williams, Day, Brown, South and North

1940 Washington Street

75 - 1 bedroom, 15 of which are affordable

96 - 2 bedrooms, 19 of which are affordable

9 - 3 bedrooms, 2 of which are affordable

Total - 36 of 180 units are affordable

Rental Units

**Projected Number of Students to Attend Newton Public Schools: (1)**

<b>Grade</b>	<b>2007-2008</b>	<b>2008-2009</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>2011-2012</b>
K	1	1	2	2	1
1	1	1	1	2	2
2	1	1	1	1	2
3	2	1	1	1	1
4	2	2	1	1	1
5	1	2	2	1	1
Subtotal Elementary	8	8	8	8	8
6	1	2	1	1	2
7	1	1	2	1	1
8	2	1	1	2	1
Subtotal Middle School	4	4	4	4	4
9	2	1	2	2	2
10	2	2	1	2	2
11	2	2	2	1	2
12	1	2	2	2	1
Subtotal High School	7	7	7	7	7
All grade levels	19	19	19	19	19

**(1) Students were manually added to the projections.**

**COVENANT RESIDENCES - 27-35 COMMONWEALTH AVE**

Ward, Bigelow, North

27-35 Commonwealth Avenue

24 - 2 bedroom, 6 of which are affordable

33 - 1 bedroom, 9 of which are affordable

Total - 15 of 57 are affordable

Has been permitted

Units are for purchase, not rent

**Projected Number of Students to Attend Newton Public Schools: (1)**

<b>Grade</b>	<b>2007-2008</b>	<b>2008-2009</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>2011-2012</b>
K	0	1	0	0	0
1	0	1	1	0	0
2	0	0	1	1	0
3	0	0	0	1	1
4	0	0	0	0	1
5	0	0	0	0	0
Subtotal Elementary	0	2	2	2	2
6			1		
7				1	
8		1			1
Subtotal Middle School	0	1	1	1	1
9		1			
10			1		
11				1	
12					1
Subtotal High School	0	1	1	1	1
All grade levels	0	4	4	4	4

**(1) Students were manually added to the projections.**



**KESSLER WOODS - LA GRANGE STREET**

Memorial Spaulding, Oak Hill, South

La Grange Street

62 - 2 bedroom, 12 of which are affordable

plus 12 single family homes

Has been permitted

Units are for purchase, not rent

**Projected Number of Students to Attend Newton Public Schools: (1)**

<b>Grade</b>	<b>2007-2008</b>	<b>2008-2009</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>2011-2012</b>
K	0	0	1	1	1
1	0	0	1	1	1
2	0	0	1	1	1
3	0	0	1	1	1
4	0	0	1	1	1
5	0	0	1	1	1
Subtotal Elementary	0	0	6	6	6
6			1	1	1
7			1	1	1
8			1	1	1
Subtotal Middle School	0	0	3	3	3
9			2	1	1
10			1	2	1
11			1	1	2
12			1	1	1
Subtotal High School	0	0	5	5	5
All grade levels	0	0	14	14	14

**(1) Students were manually added to the projections.**

**CHESTNUT HILL SQUARE**

Bowen, Oak Hill and South

200 Boylston Street

Total of 224 units, (34) 15% of which will be affordable

No mix of units determined yet

Mix of rental and purchase

**Not permitted yet as of 11/06****Projected Number of Students to Attend Newton Public Schools: (1)**

<b>Grade</b>	<b>2007-2008</b>	<b>2008-2009</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>2011-2012</b>
K	0	0	3	2	3
1	0	0	3	3	2
2	0	0	3	3	3
3	0	0	2	3	3
4	0	0	3	2	3
5	0	0	2	3	2
Subtotal Elementary	0	0	16	16	16
6			3	2	2
7			2	3	2
8			2	2	3
Subtotal Middle School	0	0	7	7	7
9			4	3	3
10			4	4	3
11			3	4	4
12			3	3	4
Subtotal High School	0	0	14	14	14
All grade levels	0	0	37	37	37

**(1) Students were NOT added to the projections since the complex has not yet been permitted.**

**"NO NAME" - 528 BOYLSTON STREET**

Countryside, Brown, South

528 Boylston Street

Total of 115 units, (29) 25% of which will be affordable

No mix of units determined yet

Units are for purchase, not rent

**Not permitted yet as of 11/06**

**Projected Number of Students to Attend Newton Public Schools: (1)**

<b>Grade</b>	<b>2007-2008</b>	<b>2008-2009</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>2011-2012</b>
K	0	0	0	2	2
1	0	0	0	3	2
2	0	0	0	2	3
3	0	0	0	2	2
4	0	0	0	2	2
5	0	0	0	2	2
Subtotal Elementary	0	0	0	13	13
6				2	2
7				2	2
8				2	2
Subtotal Middle School	0	0	0	6	6
9				3	2
10				3	3
11				3	3
12				2	3
Subtotal High School	0	0	0	11	11
All grade levels	0	0	0	30	30

**(1) Students were NOT added to the projections since the complex has not yet been permitted.**

## APPENDIX D

### TABLE 10 City of Newton Population Projections

Age Group	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90 plus	Total
<b>1980 Census</b>	3,707	4,294	5,833	8,496	7,509	7,107	7,067	5,338	4,439	4,183	4,748	4,905	4,115	3,687	2,995	2,355	1,610	826	408	83,622
<b>1990 Census</b>	4,423	4,411	3,935	6,800	7,189	7,304	6,305	6,617	6,973	5,058	3,967	3,569	3,743	3,675	2,774	2,489	1,759	1,023	571	82,585
<b>2000 Census</b>	4,401	5,014	5,267	6,653	5,133	5,218	5,591	6,345	6,478	6,717	6,683	4,408	3,281	2,888	3,030	2,759	1,908	1,303	752	83,829
<b>2010 Projection (Low)</b>	3,462	3,461	4,814	7,006	6,403	5,073	2,989	4,600	5,573	6,144	5,902	5,670	5,297	3,409	2,435	2,072	1,922	1,272	697	78,201
<b>2020 Projection (Low)</b>	3,056	3,055	3,788	5,605	6,042	5,515	4,235	4,470	2,977	4,454	5,085	5,205	4,700	4,427	3,989	2,478	1,572	985	726	72,364
<b>2010 Projection (Mid)</b>	3,954	3,953	4,860	7,050	6,491	5,169	2,999	4,650	5,582	6,154	5,944	5,750	5,396	3,468	2,474	2,097	1,949	1,300	725	79,965
<b>2020 Projection (Mid)</b>	3,536	3,535	4,368	6,086	6,161	5,678	4,336	4,609	2,994	4,517	5,138	5,303	4,845	4,597	4,169	2,588	1,656	1,053	813	75,982
<b>2010 Projection (High)</b>	4,452	4,451	4,906	7,094	6,579	5,265	3,009	4,700	5,590	6,166	5,986	5,829	5,495	3,526	2,513	2,122	1,977	1,328	752	81,740
<b>2020 Projection (High)</b>	4,032	4,031	4,964	6,578	6,283	5,844	4,438	4,749	3,010	4,579	5,191	5,401	4,991	4,769	4,353	2,701	1,742	1,125	904	79,685

**APPENDIX E**  
**TABLE 11**  
**PROPERTIES LISTED FOR SALE IN NEWTON**

School District	Number of Taxable Properties	% For Sale	Number for Sale	SINGLE FAMILY					CONDO					MULTI-FAMILY				
				2 B.R.	3 B.R.	4 B.R.	5 B.R.	6+	1 B.R.	2 B.R.	3 B.R.	4 B.R.	5+	3 B.R.	4 B.R.	5+		
Angier	1,762	1.3%	23		5	8	4	4										
Bowen	3,280	2.0%	67		3	4	5	6		15	18	6	8	1				1
Burr	1,557	0.8%	12			2				2	4	1	1					2
Cabot	1,835	1.4%	25		1	3	1	4		1	7	5						3
Countryside	2,885	1.1%	31	1	5	3				1	14	5						2
Franklin	1,914	1.0%	19	1	9	1					6	1	1					
Horace Mann	1,534	0.8%	13		2	2				1	4	1					1	2
Lincoln-Eliot	1,549	1.0%	16	1	2	2	1			2	3	2	1				1	1
Mason-Rice	1,634	0.7%	12				2	4			1	1	2					2
Memorial-Spaulding	2,159	1.6%	35		6	15	8	5				1						1
Peirce	1,172	1.5%	17		1	1	8	5			1							1
Underwood	1,460	1.1%	16			1	2	4		2	4	1					1	1
Ward	1,649	1.5%	24			11	7	3		1	2							
Williams	1,025	1.1%	11		1	2		1		1	2	3						1
Zervas	1,265	1.0%	13	1	2	2	2	2			1						1	2
Angier/Williams	256	1.2%	3			1				1	1							
Bowen/Mason-Rice	379	0.5%	2			1				1								
Cabot/Underwood	77	2.6%	2				1	1										
Countryside/Memorial-Spaulding	69	0.0%	0															
Countryside/Zervas	16	0.0%	0															
Franklin/Burr	70	0.0%	0															
Franklin/Horace Mann	170	0.0%	0															
Horace Mann/Lincoln-Eliot	196	1.0%	2				1				1							
Mason-Rice/Zervas	49	2.0%	1															1
Ward/Mason-Rice	304	1.3%	4		1	1	1	1										
Underwood/Ward	84	3.6%	3				2	1										
Williams/Burr	92	1.1%	1									1						
Williams/Peirce	266	0.8%	2		2													
<b>Total</b>	<b>28,708</b>	<b>1.2%</b>	<b>354</b>	<b>4</b>	<b>40</b>	<b>60</b>	<b>45</b>	<b>41</b>		<b>28</b>	<b>70</b>	<b>29</b>	<b>13</b>	<b>1</b>		<b>0</b>	<b>4</b>	<b>19</b>

Note: This data came from MLS Listings of residential properties for sale in Newton, Ma. as of 11/8/06 and is subject to change on a daily basis. There may be other properties for sale in Newton that are not contained on this listing service.

**TABLE 12****CITY OF NEWTON****Residential Property Sales by District January, 2002 to June, 2006**

	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006*</b>
Angier	43	63	56	59	22
Angier/Williams	6	7	11	5	2
Bowen	177	144	181	148	72
Bowen/Mason-Rice	11	6	13	7	4
Burr	65	60	66	60	21
Burr/Williams	2	6	3	6	1
Cabot	90	98	92	86	25
Cabot/Underwood	3	3	5	4	2
Countryside	141	125	148	137	42
Countryside/Memorial-Spaulding	3	4	1	3	0
Countryside/Zervas	0	0	0	1	1
Franklin	68	75	73	45	28
Franklin/Burr	5	4	9	3	1
Franklin/Horace Mann	2	0	2	3	0
Horace Mann	68	57	72	42	20
Horace Mann/Franklin	11	1	7	4	3
Horace Mann/Lincoln-Eliot	7	11	10	6	2
Lincoln-Eliot	66	73	70	57	33
Mason-Rice	58	58	67	61	21
Mason-Rice/Bowen	8	9	13	7	1
Mason-Rice/Ward	9	20	13	16	3
Memorial-Spaulding	97	104	104	114	37
Peirce	51	44	55	38	21
Underwood	62	69	63	56	28
Underwood/Ward	0	1	3	4	0
Ward	59	63	62	55	28
Ward/Underwood	2	2	1	2	0
Williams	37	30	43	35	18
Williams/Angier	5	3	4	2	1
Williams/Peirce	16	12	12	16	3
Zervas	43	50	53	51	19
Zervas/Mason-Rice	1	0	1	1	0
<b>Total</b>	<b>1,216</b>	<b>1,202</b>	<b>1,313</b>	<b>1,134</b>	<b>459</b>

\* 2006 information is from January 1 to June 30, 2006.

TABLE 13

Annual Sales of Detached Single-Family Homes  
in Massachusetts

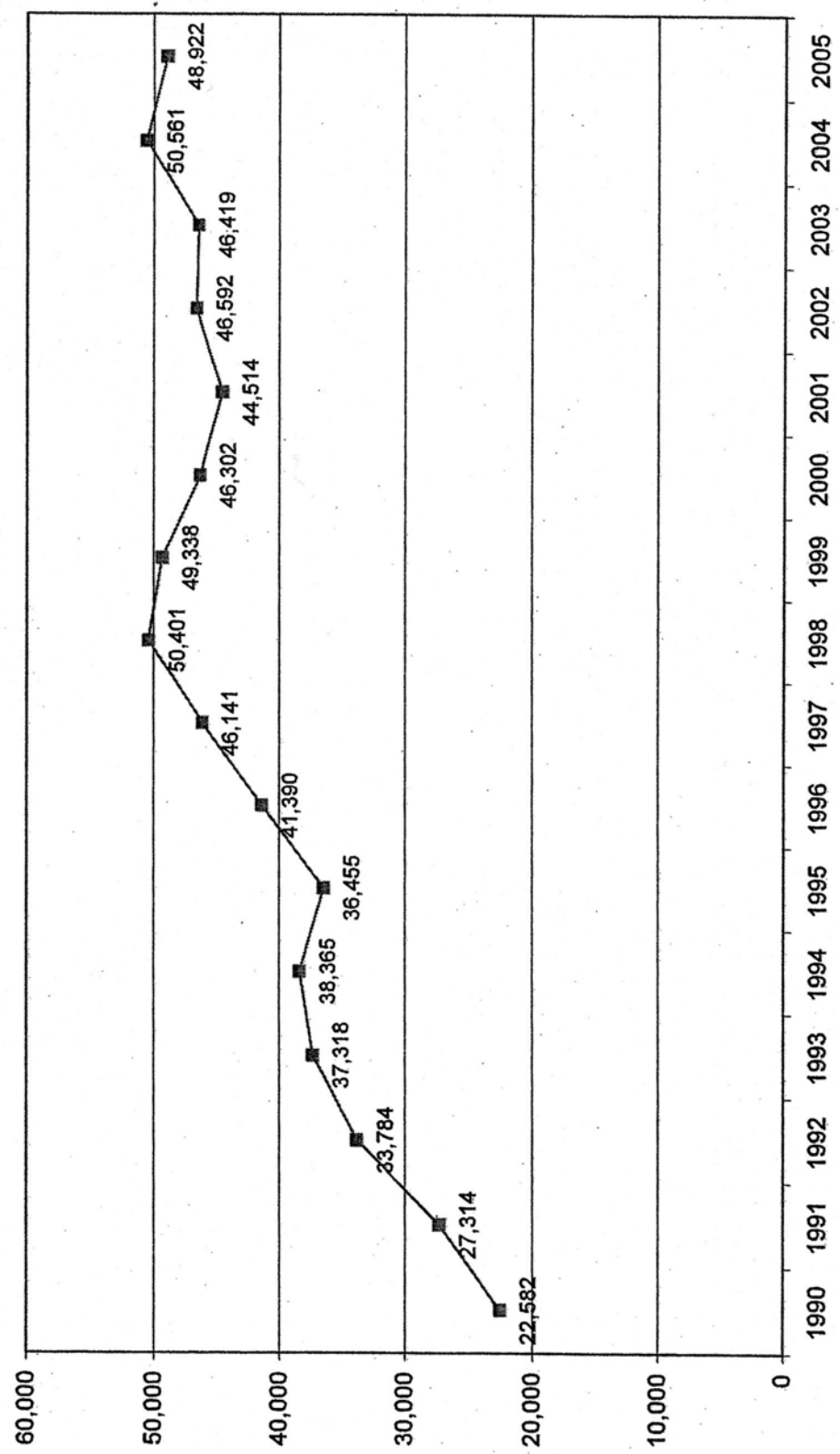


TABLE 14

Annual Sales of Condominiums  
in Massachusetts

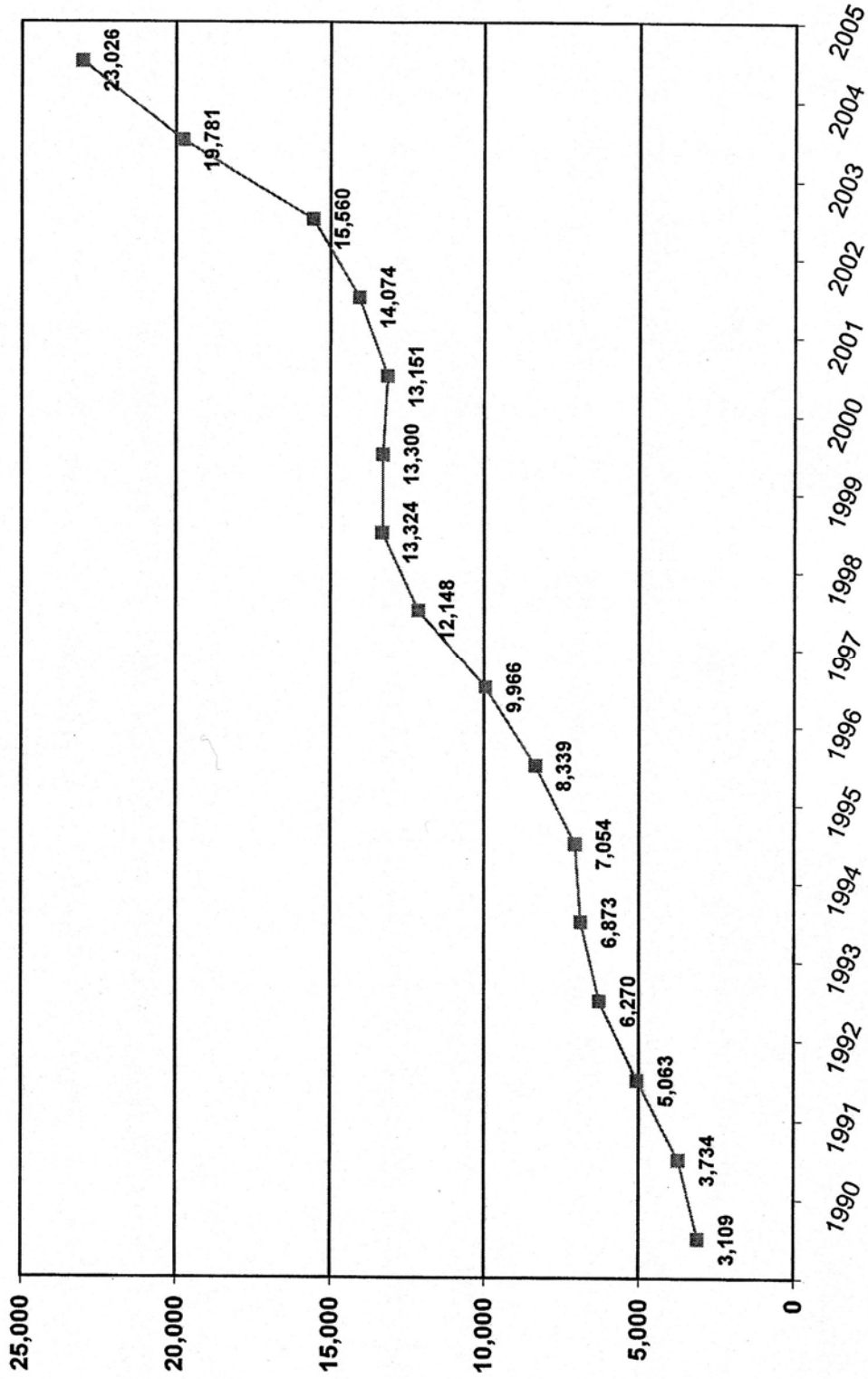




TABLE 15

Sales of 2-4 Family Homes in Massachusetts

