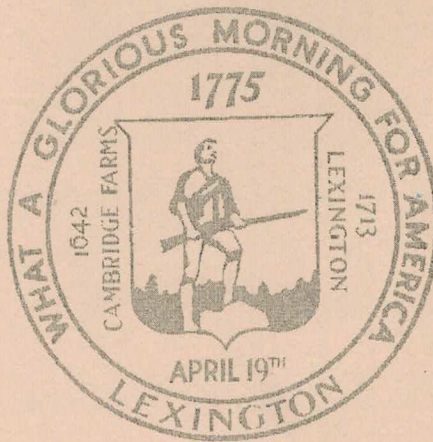

Lexington Public Schools
Lexington, Massachusetts

Four and Ten-Year Enrollment Forecasts



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Superintendent of Schools

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Introduction

During the last thirty years, there have been significant changes in elementary enrollment, the number of elementary schools, and the district lines between schools. During the 1970s and early 1980s, elementary schools were closed due to declining enrollment. In the 1982-1983 school year, the grade K-5 enrollment reached 1,589 students, its lowest number in many years, and then began to rapidly increase. In the 2000-2001 school year, the K-5 enrollment previously peaked at 2,834. In 2012-2013, the K-5 enrollment reached a new thirty year high of 2,851 students, which is seventeen more students than the peak enrollment eleven years ago.

In the 1982-1983 school year, the middle school enrollment reached 1,422 and then declined to 937 students in the 1987-1988 school year. Four years ago, the grade 6-8 enrollment climbed to 1,569. Last year, the enrollment was 1,515 students. This school year, the enrollment is 1,664 students, which is the highest level since records have been kept and an increase of thirty-six students from last year.

The high school enrollment reached 2,274 in the 1981-1982 school year and then declined to 1,294 students in the 1991-1992 school year. Since the 1991-1992 school year, the grade 9-12 enrollment grew to 1,982 students in 2005-2006, and then has been essentially stable. This year the enrollment is 2,036, which is an increase of fifty-four students from last year.

The purpose of this report is to forecast elementary, middle, and high school enrollments, based on the assumptions described in each section of the report.

Summary of K-5 Forecasts

A. Four-Year K-5 Forecast

The present K-5 enrollment of 2,851 is projected to increase to 2,825 for the 2016-2017 school year, which is a decrease of 26 students. The four-year enrollment forecast is based on current K-5 enrollment numbers, actual births through October 1, 2012, and actual Lexington census numbers for children ages one through four years. Kindergarten enrollments for school years 2013-2014 through 2016-2017 are calculated by multiplying each elementary school's in-migration rate times the number of children in each K-5 district. For example, the 2013-2014 K projection for the "Sample School" is calculated by multiplying the age four to K progression rate for the "Sample School" times the number of four-year-olds residing in the Sample School district (1.10 times 50 = 55). The 2014-2015 K projection is calculated by multiplying the age three to age four progression rate (1.11) times the number of three-year-olds (45) and repeating the process described above.

Illustration of how the 2012-2013 Sample School Kindergarten numbers are calculated:

A	B	C	D
Age of Children	Number of Children	Average In or Out In-migration Rate*	Projected Number of Children (column B X C)
2	40	1.12	45 (projected # of three year olds)
3	45	1.11	50 (projected # of four year olds)
4	50	1.10	55 (projected # of kindergarten students)
5	55		

* Known as the progression rate.

B. Ten-Year K-5 Forecast

The report includes three methods for projecting ten-year forecasts:

1. Low projection — The low projection forecast is based on a 1.75 birth-to-K progression rate* and 206 births per year. Please note that the number of births is very stable over the past ten years (low of 181, high of 226).

The average birth-to-K progression rate increased significantly over the last year (1.90 to 2.41). The very large increase in the in-migration rate may be caused by at least the following factors: the high quality school system is drawing more parents with pre-school children as nearby school districts are struggling, the town's decision to renovate the Bridge and Bowman elementary schools and build a new Estabrook elementary school, the number and size of houses for sale, new developments, and Lexington's full-day kindergarten program. More research is needed to determine the weight of these factors and other factors.

Given the recent, very large increase in the in-migration rate, I have increased the birth-to-Kindergarten five-year progression rate from a range of 1.55 to 1.75 in prior reports to a range of 1.75 to 1.95 in this report. In order to make a low projection, a 1.75 progression rate is assumed. Based on this assumption, the K-5 enrollment will decline from 2,851 to 2,652 in the next ten years, and we will have 16 surplus classrooms (assuming we continue to use modular classrooms).

*For every 100 births, it is projected there will be 175 kindergarten students five years later.

2. Middle projection — The middle projection forecast is based on a 1.85 birth-to-K progression rate and a continuation of the average 206 births per year. Should the K-5 enrollment decline from 2,851 to 2,796 in the next ten years, we will have 9 surplus classrooms (assuming we continue to use modular classrooms).
3. High projection — The high projection forecast is based on a 1.95 birth to K progression rate and a continuation of the average 206 births per year. Should the K-5 enrollment increase from 2,851 to 2,948 in the next ten years, we will have a surplus of 2 classrooms (assuming we continue to use modular classrooms).

Summary of 6-8 Forecasts

By 2022-2023, the present 6-8 enrollment of 1,644 is projected to decrease to 1,585, which is a decrease of 59 students (middle projection). The ten-year enrollment forecast is based on current K-5 enrollment numbers and pre-K census numbers. The three separate ten-year forecasts range from a high of 1,670 to a low of 1,499. Please note that before the enrollment begins to decline, I forecast the enrollment will increase to 1,760 students in 2020-2021, which is 116 students higher than the current enrollment.

Summary of 9-12 Forecasts

By 2022-2023, the present 9-12 enrollment of 2,007 is projected to increase to 2,324, which is an increase of 317 students. The ten-year enrollment forecast is based on current grade 4-8 enrollment numbers. The ten-year forecast is 2,324 students (low, middle, and high projections are identical).

Limitations of the Study

The accuracy of enrollment forecasts is based on three major factors:

- The ability to predict future birth numbers
- The stability of the number of women of child bearing age
- The stability of migration patterns, and
- The probability of mathematical classroom configurations

First, this report illustrates four- and ten-year enrollment numbers based relatively on stable birth numbers. Should birth numbers increase, the forecasts in this report will be too low. Second, it is assumed that the five-year average, grade-to-grade progression rates, and the birth-to-K progression rates are reliable. Should there be a demographic shift resulting in a significant decline in the number of families moving into Lexington with preschool age children, and/or a decrease in the percentage of children attending Lexington Public Schools, there would be a corresponding decline in future school enrollment. Finally, this report conservatively projects elementary classroom needs based on an even mathematical distribution of the total enrollment across all schools. Furthermore, actual classroom needs usually exceed the projection because of the distribution of students in each elementary school.

Information Sources

In addition to the birth records, which are counted at Town Hall, information sources for the enrollment projections include actual enrollment numbers and preschool census data. The preschool census information is extracted by the school department's technology staff.

Assumptions

It is important to note that throughout this report, the classroom projections are based on an even mathematical distribution of the enrollment across all schools. The actual classroom need, which is based on the distribution of students across grades in each elementary school, is typically higher than the projection. The reader should assume all 13 modular classrooms are not permanent and will be replaced during the next ten years. In addition, it is assumed that all Lexington schools will have dedicated art, music, library, and special education classrooms, and will not have any dedicated extended day rooms.

Technical Assistance

I thank Ruth Quinn Berdell for providing the technical assistance required to produce the tables and charts in this report.



Historical Information



NUMBER OF LEXINGTON BIRTHS PER YEAR

<u>Calendar Year</u>	<u>Actual Births</u>	<u>School Year</u>	<u>Prorated Births</u> ⁽¹⁾
1994	272	93-94	
1995	295	94-95	287
1996	273	95-96	280
1997	288	96-97	283
1998	297	97-98	294
1999	248	98-99	264
2000	241	99-00	243
		<u>School Year</u>	<u>Actual Births</u>
		00-01	247
		01-02	235
		02-03	208
		03-04	226
		04-05	220
		05-06	205
		06-07	181
		07-08	213
		08-09	200
		09-10	212
		10-11	187
		11-12	219
			(2)
			Projected Average
			206

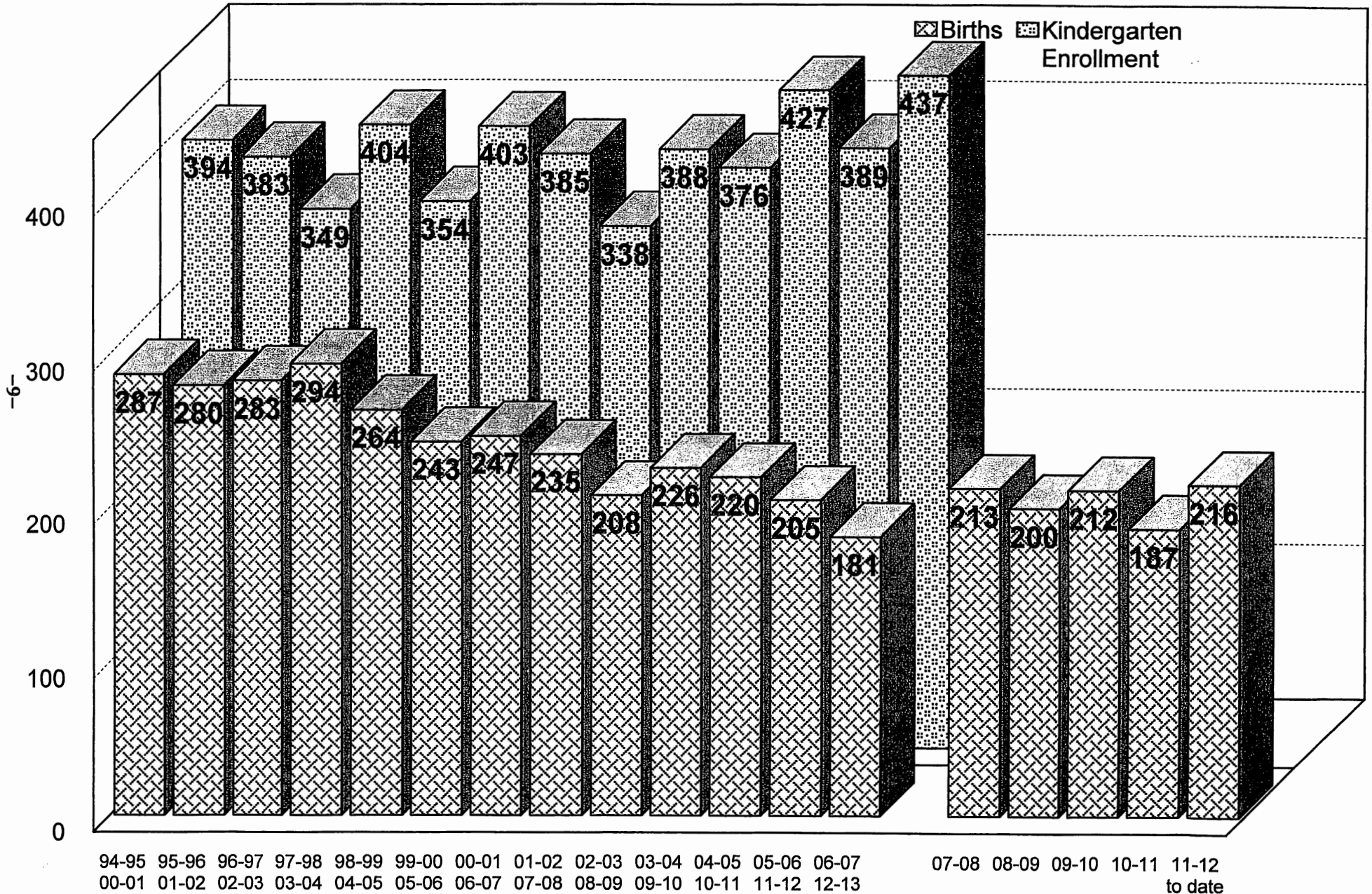
⁽¹⁾ Prorated birth counts are based on kindergarten eligibility dates - September 1 to August 31

⁽²⁾ Projected births for the period September 1, 2011 to August 31, 2012 based on 216 actual births-to-date recorded by the town clerk as of October 17, 2012. It may be several months before final numbers are received.

HISTORICAL BIRTH-to-K PROGRESSION RATES

<u>Year</u>	<u>Rate</u>	
99-00	1.40	
00-01	1.59	
01-02	2.66	
02-03	1.23	
03-04	1.37	
04-05	1.34	
05-06	1.66	
06-07	1.56	
07-08	1.44	Average 1.96
08-09	1.87	
09-10	1.66	
10-11	1.94	
11-12	1.90	
12-13	2.41	

Lexington Public Schools Comparison of Births and Kindergarten Enrollments



Prior to 00-01, calendar year birth counts have been prorated based on kindergarten eligibility dates - September 1 to August 31. Beginning in 00-01, actual birth counts based on kindergarten eligibility dates - September 1 to August 31 are used.

HISTORICAL GRADE 5 TO GRADE 6 PROGRESSION RATES

<u>Year</u>	<u>Rate</u>	
85-86	0.99	
86-87	1.02	
87-88	1.03	
88-89	1.03	
89-90	1.00	
90-91	1.02	
91-92	1.03	
92-93	1.03	
93-94	1.08	
94-95	1.08	
95-96	1.02	
96-97	1.00	
97-98	1.00	
98-99	1.03	
99-00	1.01	
00-01	1.02	
01-02	0.98	
02-03	1.01	
03-04	1.04	
04-05	0.99	
05-06	1.02	
06-07	1.03	
07-08	1.05	
08-09	1.02	
09-10	1.02	
10-11	1.05	<div style="display: flex; align-items: center;"> <div style="border-left: 1px solid black; border-right: 1px solid black; height: 40px; margin-right: 5px;"></div> <div style="text-align: center;">Average</div> </div>
11-12	1.04	
12-13	1.07	

1.04

HISTORICAL GRADE 8 TO GRADE 9 PROGRESSION

<u>Year</u>	<u>Rate</u>	
85-86	1.00	
86-87	0.96	
87-88	0.97	
88-89	1.00	
89-90	0.97	
90-91	1.03	
91-92	1.00	
92-93	0.99	
93-94	1.00	
94-95	0.98	
95-96	1.00	
96-97	0.92	
97-98	0.96	
98-99	0.95	
99-00	0.97	
00-01	0.98	
01-02	0.98	
02-03	0.99	
03-04	1.00	
04-05	0.99	
05-06	1.00	
06-07	1.00	
07-08	0.97	<div style="display: flex; align-items: center;"> <div style="border-left: 1px solid black; border-right: 1px solid black; height: 40px; margin-right: 5px;"></div> <div style="text-align: center;">Average</div> </div>
08-09	0.98	
09-10	0.96	
10-11	0.95	
11-12	0.99	
12-13	0.99	<div style="display: flex; align-items: center;"> <div style="border-left: 1px solid black; border-right: 1px solid black; height: 40px; margin-right: 5px;"></div> <div style="text-align: center;">0.97</div> </div>

LEXINGTON SCHOOL ENROLLMENT

10/1/12

School Year	Births*													<u>TOTAL</u>			System		
		K	1	2	3	4	5	6	7	8	9	10	11	12	K-5	6-8	9-12	Total	Chg
80-81		209	257	282	307	375	400	444	424	483	409	562	620	667	1830	1351	2258	5439	
81-82		211	229	267	281	320	378	406	517	499	576	521	548	629	1686	1422	2274	5382	-57
82-83		211	243	245	270	288	332	374	477	531	461	580	537	558	1589	1382	2136	5107	-275
83-84		267	293	293	267	322	334	370	451	482	513	474	563	550	1776	1303	2100	5179	72
84-85		271	306	297	297	272	320	349	371	447	472	506	467	577	1763	1167	2022	4952	-227
85-86		259	316	321	301	312	275	318	347	376	449	462	515	462	1784	1041	1888	4713	-239
86-87		273	301	315	330	315	312	281	326	346	362	437	456	510	1846	953	1765	4564	-149
87-88		297	337	315	343	349	316	322	285	330	334	351	405	452	1957	937	1542	4436	-128
88-89		304	324	340	334	346	352	325	327	293	330	337	345	413	2000	945	1425	4370	-66
89-90		341	347	326	350	335	358	353	335	340	283	332	336	357	2057	1028	1308	4393	23
90-91		354	379	352	340	364	335	366	369	348	351	277	335	332	2124	1083	1295	4502	109
91-92		377	379	384	340	352	369	345	376	372	347	330	301	316	2201	1093	1294	4588	86
92-93		364	428	387	396	347	354	380	347	376	368	337	342	280	2276	1103	1327	4706	118
93-94		379	408	438	420	417	356	383	388	344	377	352	346	321	2418	1115	1396	4929	223
94-95	287	377	439	415	452	417	420	385	394	387	337	377	342	336	2520	1166	1392	5078	149
95-96	280	429	429	450	435	455	425	427	400	394	386	341	358	349	2623	1221	1434	5278	200
96-97	283	412	486	457	462	439	471	427	438	411	361	378	334	371	2727	1276	1444	5447	169
97-98	294	381	455	521	462	466	439	470	456	446	396	385	374	319	2724	1372	1474	5570	123
98-99	264	413	437	465	540	471	468	454	470	456	423	399	360	361	2794	1380	1543	5717	147
99-00	243	402	467	455	470	547	476	474	452	466	441	423	386	348	2817	1392	1598	5807	90
00-01	247	394	467	482	461	479	551	484	469	450	457	428	407	370	2834	1403	1662	5899	92
01-02	235	383	462	488	494	452	487	540	481	471	442	455	422	400	2766	1492	1719	5977	78
02-03	208	349	447	464	504	496	455	492	547	482	468	441	443	414	2715	1521	1766	6002	25
03-04	226	404	413	446	478	515	508	471	509	547	482	469	442	439	2764	1527	1832	6123	121
04-05	220	354	450	429	468	482	518	504	482	521	543	475	465	444	2701	1507	1927	6135	12
05-06	205	403	413	464	446	472	502	530	513	474	522	534	475	451	2700	1517	1982	6199	64
06-07	181	385	433	437	489	446	473	517	535	517	473	516	515	463	2663	1569	1967	6199	0
07-08	213	338	444	459	455	496	457	495	521	536	500	473	512	509	2649	1552	1994	6195	-4

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LEXINGTON SCHOOL ENROLLMENT

School Year	Births*	10/1/12												TOTAL		System			
		K	1	2	3	4	5	6	7	8	9	10	11	12	K-5	6-8	9-12	Total	Chg
08-09	200	388	400	455	478	470	508	465	509	527	527	495	460	509	2699	1501	1991	6191	-4
09-10	212	376	413	440	465	494	487	519	458	509	508	507	497	458	2675	1486	1970	6131	-60
10-11	187	427	461	449	464	502	527	513	530	472	484	514	505	492	2830	1515	1995	6340	209
11-12	216#	389	483	482	470	493	501	547	515	546	465	479	507	502	2818	1608	1953	6379	39
12-13		437	424	513	507	464	506	536	580	528	542	483	473	509	2851	1644	2007	6502	123

* Prior to 00-01, births are prorated from actual calendar year counts to reflect the enrollment year, September 1, YYYY to August 31, YYYY

Birth figures as of 10/17/2012; it may be several months before final numbers are received.

LEXINGTON SCHOOL ENROLLMENT

10/1/12

Year	K	1	2	3	4	5	6	7	8	9	10	11	12	<u>TOTAL</u>			<u>System</u>
														K-5	6-8	9-12	Total
80-81																	
81-82		1.10	1.04	1.00	1.04	1.01	1.02	1.16	1.18	1.19	1.27	0.98	1.01	0.92	1.05	1.01	0.99
82-83		1.15	1.07	1.01	1.02	1.04	0.99	1.17	1.03	0.92	1.01	1.03	1.02	0.94	0.97	0.94	0.95
83-84		1.39	1.21	1.09	1.19	1.16	1.11	1.21	1.01	0.97	1.03	0.97	1.02	1.12	0.94	0.98	1.01
84-85		1.15	1.01	1.01	1.02	0.99	1.04	1.00	0.99	0.98	0.99	0.99	1.02	0.99	0.90	0.96	0.96
85-86		1.17	1.05	1.01	1.05	1.01	0.99	0.99	1.01	1.00	0.98	1.02	0.99	1.01	0.89	0.93	0.95
86-87		1.16	1.00	1.03	1.05	1.00	1.02	1.03	1.00	0.96	0.97	0.99	0.99	1.03	0.92	0.93	0.97
87-88		1.23	1.05	1.09	1.06	1.00	1.03	1.01	1.01	0.97	0.97	0.93	0.99	1.06	0.98	0.87	0.97
88-89		1.09	1.01	1.06	1.01	1.01	1.03	1.02	1.03	1.00	1.01	0.98	1.02	1.02	1.01	0.92	0.99
89-90		1.14	1.01	1.03	1.00	1.03	1.00	1.03	1.04	0.97	1.01	1.00	1.03	1.03	1.09	0.92	1.01
90-91		1.11	1.01	1.04	1.04	1.00	1.02	1.05	1.04	1.03	0.98	1.01	0.99	1.03	1.05	0.99	1.02
91-92		1.07	1.01	0.97	1.04	1.01	1.03	1.03	1.01	1.00	0.94	1.09	0.94	1.04	1.01	1.00	1.02
92-93		1.14	1.02	1.03	1.02	1.01	1.03	1.01	1.00	0.99	0.97	1.04	0.93	1.03	1.01	1.03	1.03
93-94		1.12	1.02	1.09	1.05	1.03	1.08	1.02	0.99	1.00	0.96	1.03	0.94	1.06	1.01	1.05	1.05
94-95		1.16	1.02	1.03	0.99	1.01	1.08	1.03	1.00	0.98	1.00	0.97	0.97	1.04	1.05	1.00	1.03
95-96		1.14	1.03	1.05	1.01	1.02	1.02	1.04	1.00	1.00	1.01	0.95	1.02	1.04	1.05	1.03	1.04
96-97		1.13	1.07	1.03	1.01	1.04	1.00	1.03	1.03	0.92	0.98	0.98	1.04	1.04	1.05	1.01	1.03
97-98		1.10	1.07	1.01	1.01	1.00	1.00	1.07	1.02	0.96	1.07	0.99	0.96	1.00	1.08	1.02	1.02
98-99		1.15	1.02	1.04	1.02	1.00	1.03	1.00	1.00	0.95	1.01	0.94	0.97	1.03	1.01	1.05	1.03
99-00	1.40	1.13	1.04	1.01	1.01	1.01	1.01	1.00	0.99	0.97	1.00	0.97	0.97	1.01	1.01	1.04	1.02
00-01	1.59	1.16	1.03	1.01	1.02	1.01	1.02	0.99	1.00	0.98	0.97	0.96	0.96	1.01	1.01	1.04	1.02
01-02	2.66	1.17	1.04	1.02	0.98	1.02	0.98	0.99	1.00	0.98	1.00	0.99	0.98	0.98	1.06	1.03	1.01
02-03	1.23	1.17	1.00	1.03	1.00	1.01	1.01	1.01	1.00	0.99	1.00	0.97	0.98	0.98	1.02	1.03	1.00
03-04	1.37	1.18	1.00	1.03	1.02	1.02	1.04	1.03	1.00	1.00	1.00	1.00	0.99	1.02	1.00	1.04	1.02
04-05	1.34	1.11	1.04	1.05	1.01	1.01	0.99	1.02	1.02	0.99	0.99	0.99	1.00	0.98	0.99	1.05	1.00
05-06	1.66	1.17	1.03	1.04	1.01	1.04	1.02	1.02	0.98	1.00	0.98	1.00	0.97	1.00	1.01	1.03	1.01
06-07	1.56	1.07	1.06	1.05	1.00	1.00	1.03	1.01	1.01	1.00	0.99	0.96	0.97	0.99	1.03	0.99	1.00
07-08	1.44	1.15	1.06	1.04	1.01	1.02	1.05	1.01	1.00	0.97	1.00	0.99	0.99	0.99	0.99	1.01	1.00

LEXINGTON SCHOOL ENROLLMENT

10/1/12

Year	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL			System
														K-5	6-8	9-12	Total
08-09	1.87	1.18	1.02	1.04	1.03	1.02	1.02	1.03	1.01	0.98	0.99	0.97	0.99	1.02	0.97	1.00	1.00
09-10	1.66	1.06	1.10	1.02	1.03	1.04	1.02	0.98	1.00	0.96	0.96	1.00	1.00	0.99	0.99	0.99	0.99
10-11	1.94	1.23	1.09	1.05	1.08	1.07	1.05	1.02	1.03	0.95	1.01	1.00	0.99	1.06	1.02	1.01	1.03
11-12	1.90	1.13	1.05	1.05	1.06	1.00	1.04	1.00	1.03	0.99	0.99	0.99	0.99	1.00	1.06	0.98	1.01
12-13	2.41	1.09	1.06	1.05	0.99	1.03	1.07	1.06	1.03	0.99	1.04	0.99	1.00	1.01	1.02	1.03	1.02



Long-Range Enrollment Projections
(Based on current enrollment numbers,
actual and projected birth numbers, and
current school district lines.)



Progression Rates

<u>Grade</u>	<u>Progression Rate</u>
K	1.75
1	1.14
2	1.06
3	1.04
4	1.04
5	1.03
6	1.04
7	1.02
8	1.02
9	0.97
10	1.00
11	0.99
12	0.99

Grades 1 through 12 progression rate based on five year average

Ten Year Enrollment Projection

Kindergarten enrollment for FY14 based on four year old census. Kindergarten enrollment for FY15 through FY17 based on actual births. Kindergarten enrollment for FY18 based on 219 projected births. Kindergarten enrollments for FY19 through FY23 based on 206 projected births.

<u>Grade (A)</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>FY17</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>FY23</u>
K	437	424	350	371	327	383	361	361	361	361	361
1	424	498	483	399	423	373	437	412	412	412	412
2	513	449	528	512	423	448	395	463	437	437	437
3	507	534	467	549	532	440	466	411	482	454	454
4	464	527	555	486	571	553	458	485	427	501	472
5	506	478	543	572	501	588	570	472	500	440	516
Subtotal	2,851	2,910	2,926	2,889	2,777	2,785	2,687	2,604	2,619	2,605	2,652
6	536	526	497	565	595	521	612	593	491	520	458
7	580	547	537	507	576	607	531	624	605	501	530
8	528	592	558	548	517	588	619	542	636	617	511
Subtotal	1,644	1,665	1,592	1,620	1,688	1,716	1,762	1,759	1,732	1,638	1,499
9	542	512	574	541	532	501	570	600	526	617	598
10	483	542	512	574	541	532	501	570	600	526	617
11	473	478	537	507	568	536	527	496	564	594	521
12	509	468	473	532	502	562	531	522	491	558	588
Subtotal	2,007	2,000	2,096	2,154	2,143	2,131	2,129	2,188	2,181	2,295	2,324
TOTAL	6,502	6,575	6,614	6,663	6,608	6,632	6,578	6,551	6,532	6,538	6,475

(A) Based on October 1, 2012 enrollment figures.

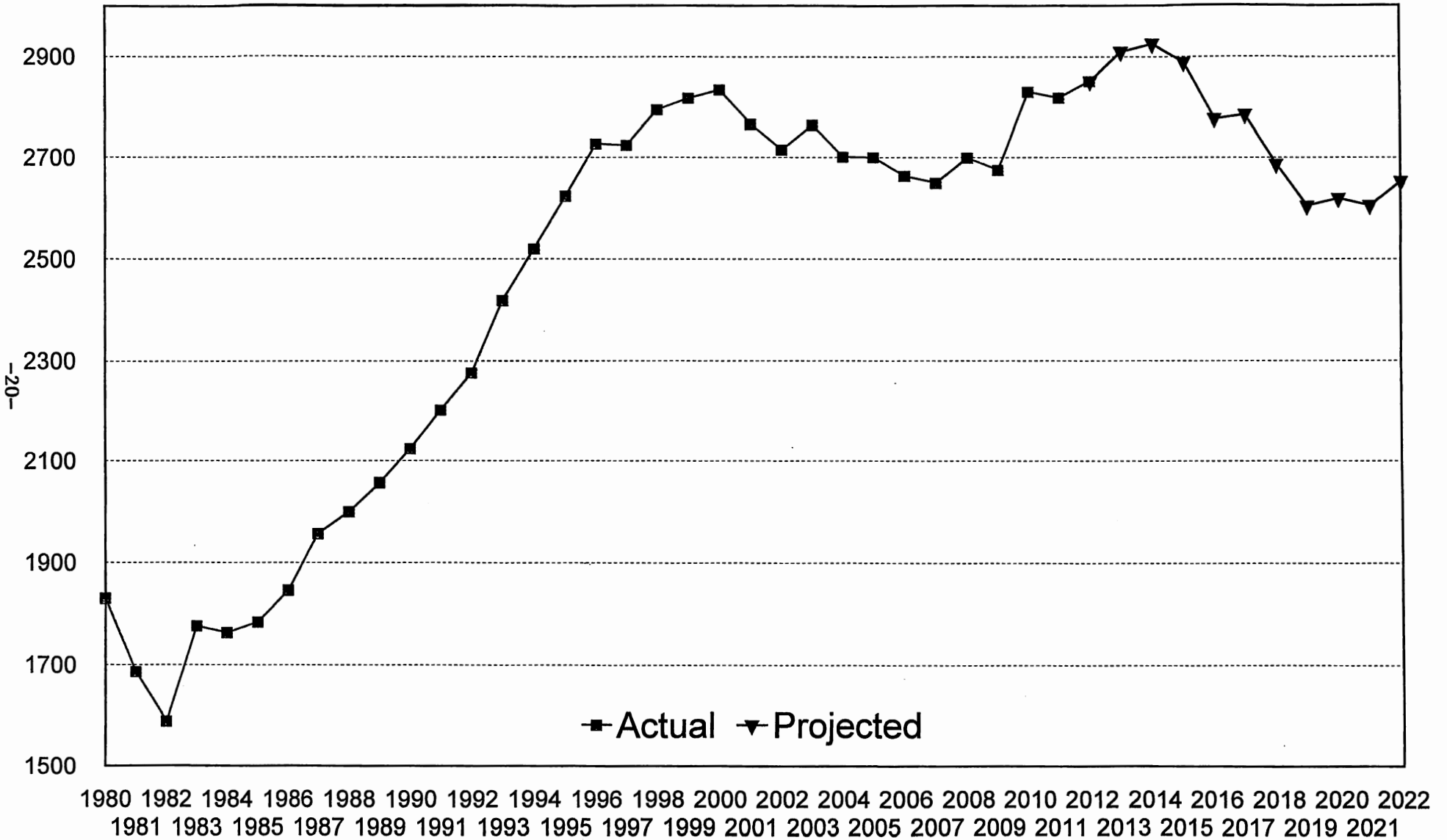
K - 5 Enrollment and Classroom Projection - FY14 through FY23

	Actual FY13	Projection Based on Known Births					Projection Based on 206 Projected Births and 1.75 Birth to K Progression Rate				
		FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23
Projection	2,851	2,910	2,926	2,889	2,777	2,785	2,687	2,604	2,619	2,605	2,652
Regular classrooms	134	137	138	137	132	132	128	124	125	124	126
Additional permanent classrooms needed	5	7	-4	-5	-10	-10	-14	-18	-17	-18	-16
Total regular classrooms* =	129	130	142	142	142	142	142	142	142	142	142
Net enrollment increase =											-199

* The numbers assume each school has separate art, music, library, and special education spaces.

LEXINGTON ELEMENTARY ENROLLMENTS

Actual October 1 Enrollments through 2012
 Projected October 1 enrollments through 2022



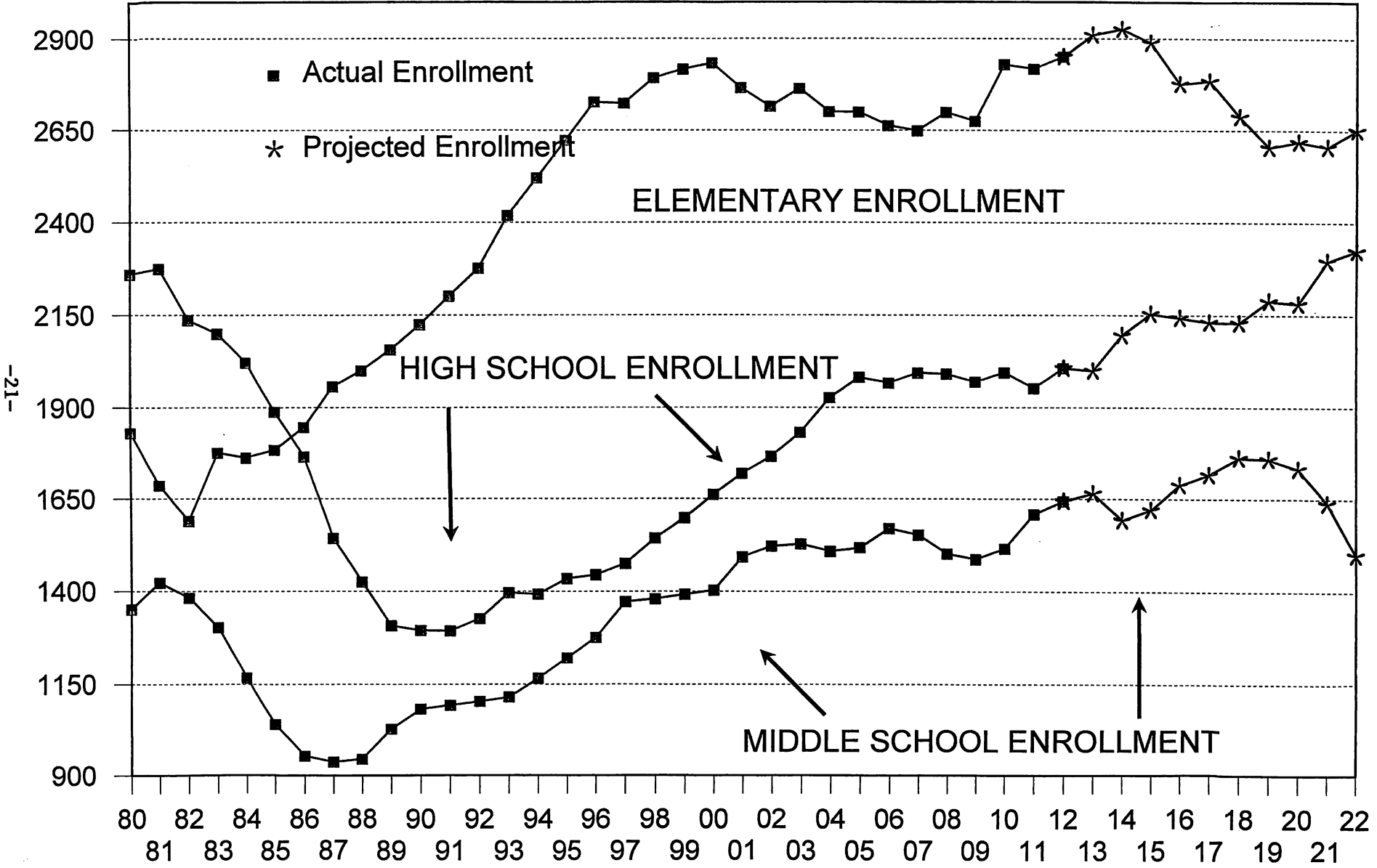
Based on 206 projected births and 1.75 birth to K progression rate.

ELEMENTARY, MIDDLE SCHOOL and HIGH SCHOOL ENROLLMENTS

Actual October 1 Enrollments through 2012

Enrollment

Projected October 1 Enrollments through 2022



Based on a 1.75 Birth-to-Kindergarten progression rate.

October 1, ----

Progression Rates

<u>Grade</u>	<u>Progression Rate</u>
K	1.85
1	1.14
2	1.06
3	1.04
4	1.04
5	1.03
6	1.04
7	1.02
8	1.02
9	0.97
10	1.00
11	0.99
12	0.99

Grades 1 through 12 progression rate based on five year average

Ten Year Enrollment Projection

Kindergarten enrollment for FY14 based on four year old census. Kindergarten enrollment for FY15 through FY17 based on actual births. Kindergarten enrollment for FY18 based on 219 projected births. Kindergarten enrollments for FY19 through FY23 based on 206 projected births.

<u>Grade (A)</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>FY17</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>FY23</u>
K	437	424	370	392	346	405	381	381	381	381	381
1	424	498	483	422	447	394	462	434	434	434	434
2	513	449	528	512	447	474	418	490	460	460	460
3	507	534	467	549	532	465	493	435	510	478	478
4	464	527	555	486	571	553	484	513	452	530	497
5	506	478	543	572	501	588	570	499	528	466	546
Subtotal	2,851	2,910	2,946	2,933	2,844	2,879	2,808	2,752	2,765	2,749	2,796
-23-											
6	536	526	497	565	595	521	612	593	519	549	485
7	580	547	537	507	576	607	531	624	605	529	560
8	528	592	558	548	517	588	619	542	636	617	540
Subtotal	1,644	1,665	1,592	1,620	1,688	1,716	1,762	1,759	1,760	1,695	1,585
9	542	512	574	541	532	501	570	600	526	617	598
10	483	542	512	574	541	532	501	570	600	526	617
11	473	478	537	507	568	536	527	496	564	594	521
12	509	468	473	532	502	562	531	522	491	558	588
Subtotal	2,007	2,000	2,096	2,154	2,143	2,131	2,129	2,188	2,181	2,295	2,324
TOTAL	6,502	6,575	6,634	6,707	6,675	6,726	6,699	6,699	6,706	6,739	6,705

(A) Based on October 1, 2012 enrollment figures.

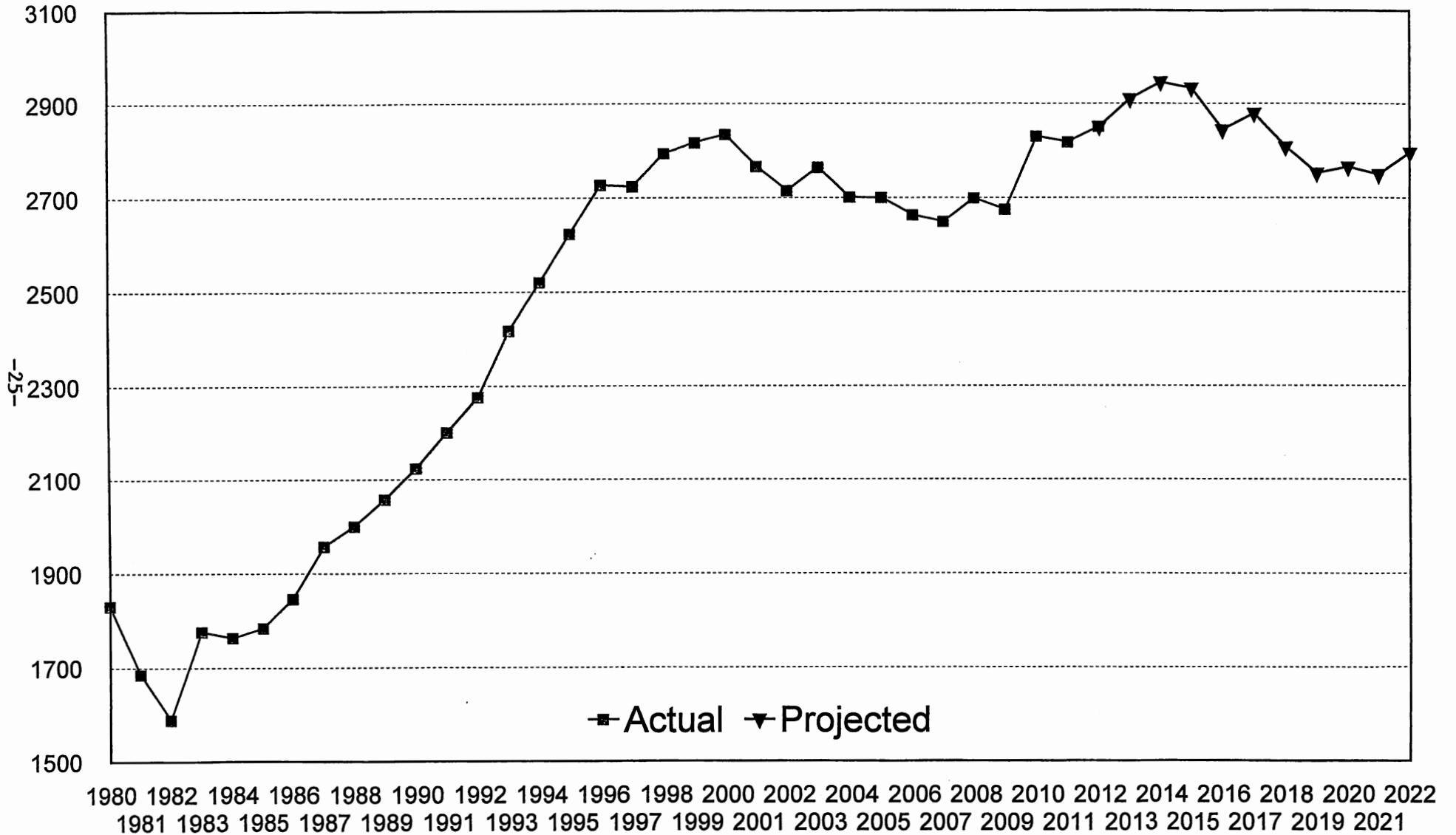
K - 5 Enrollment and Classroom Projection - FY14 through FY23

	Actual FY13	Projection Based on Known Births					Projection Based on 206 Projected Births and 1.85 Birth to K Progression Rate				
		FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23
Projection	2,851	2,910	2,946	2,933	2,844	2,879	2,808	2,752	2,765	2,749	2,796
Regular classrooms	134	137	139	139	135	137	134	131	132	131	133
Additional permanent classrooms needed	5	7	-3	-3	-7	-5	-8	-11	-10	-11	-9
Total regular classrooms* =	129	130	142	142	142	142	142	142	142	142	142
Net enrollment increase =											-55

* The numbers assume each school has separate art, music, library, and special education spaces.

LEXINGTON ELEMENTARY ENROLLMENTS

Actual October 1 Enrollments through 2012
Projected October 1 enrollments through 2022



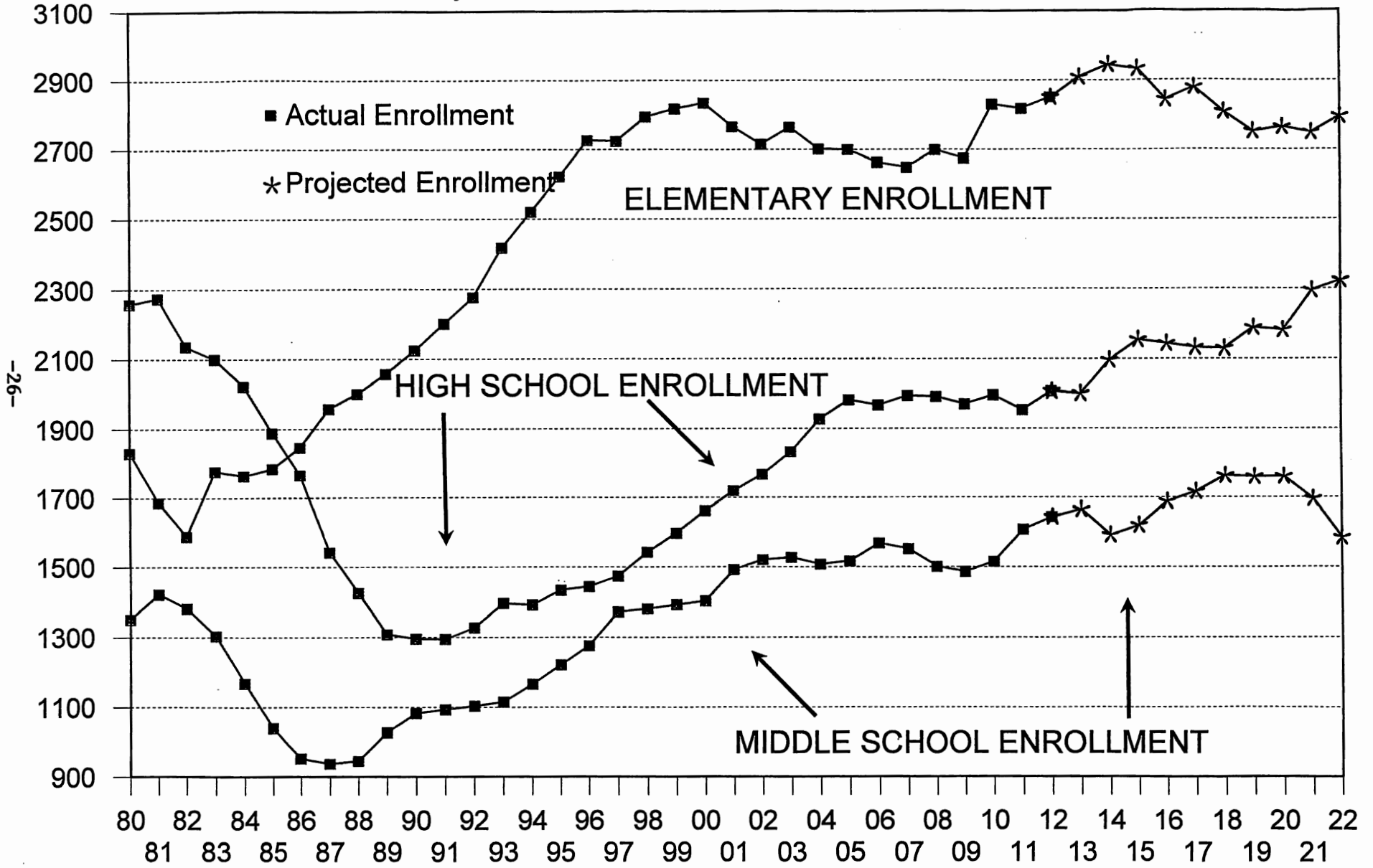
Based on 206 projected births and 1.85 birth to K progression rate.

ELEMENTARY, MIDDLE SCHOOL and HIGH SCHOOL ENROLLMENTS

Actual October 1 Enrollments through 2012

Projected October 1 Enrollments through 2022

Enrollment



Based on a 1.85 Birth-to-Kindergarten progression rate.

October 1, ----

Progression Rates

<u>Grade</u>	<u>Progression Rate</u>
K	1.95
1	1.14
2	1.06
3	1.04
4	1.04
5	1.03
6	1.04
7	1.02
8	1.02
9	0.97
10	1.00
11	0.99
12	0.99

Grades 1 through 12 progression rate based on five year average

Ten Year Enrollment Projection

Kindergarten enrollment for FY14 based on four year old census. Kindergarten enrollment for FY15 through FY17 based on actual births. Kindergarten enrollment for FY18 based on 219 projected births. Kindergarten enrollments for FY19 through FY23 based on 206 projected births.

<u>Grade (A)</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>FY17</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>	<u>FY23</u>
K	437	424	390	413	365	427	402	402	402	402	402
1	424	498	483	445	471	416	487	458	458	458	458
2	513	449	528	512	472	499	441	516	485	485	485
3	507	534	467	549	532	491	519	459	537	504	504
4	464	527	555	486	571	553	511	540	477	558	524
5	506	478	543	572	501	588	570	526	556	491	575
Subtotal	2,851	2,910	2,966	2,977	2,912	2,974	2,930	2,901	2,915	2,898	2,948
-28-											
6	536	526	497	565	595	521	612	593	547	578	511
7	580	547	537	507	576	607	531	624	605	558	590
8	528	592	558	548	517	588	619	542	636	617	569
Subtotal	1,644	1,665	1,592	1,620	1,688	1,716	1,762	1,759	1,788	1,753	1,670
9	542	512	574	541	532	501	570	600	526	617	598
10	483	542	512	574	541	532	501	570	600	526	617
11	473	478	537	507	568	536	527	496	564	594	521
12	509	468	473	532	502	562	531	522	491	558	588
Subtotal	2,007	2,000	2,096	2,154	2,143	2,131	2,129	2,188	2,181	2,295	2,324
TOTAL	6,502	6,575	6,654	6,751	6,743	6,821	6,821	6,848	6,884	6,946	6,942

(A) Based on October 1, 2012 enrollment figures.

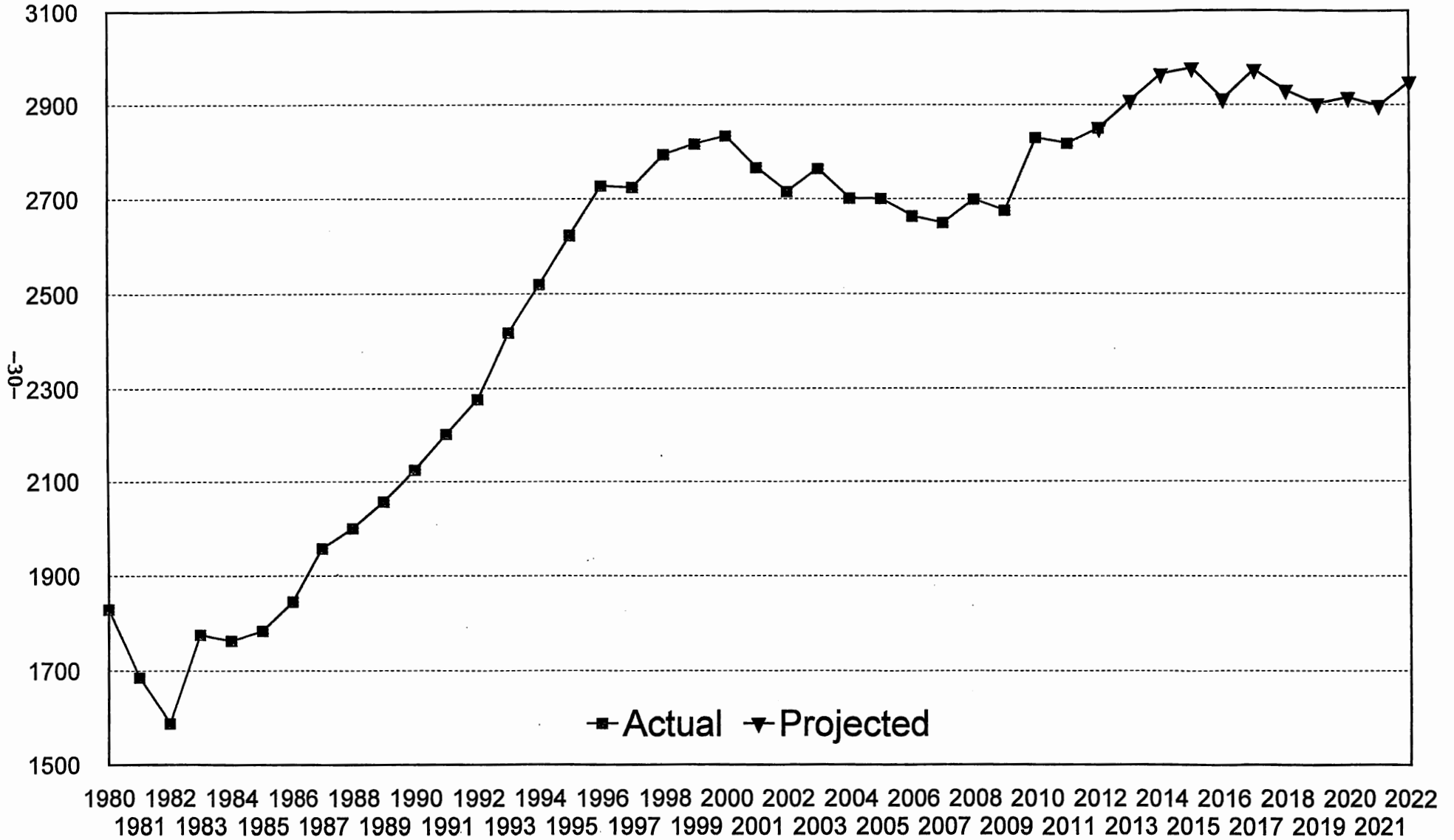
K - 5 Enrollment and Classroom Projection - FY14 through FY23

	Actual FY13	Projection Based on Known Births					Projection Based on 206 Projected Births and 1.95 Birth to K Progression Rate				
		FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23
Projection	2,851	2,910	2,966	2,977	2,912	2,974	2,930	2,901	2,915	2,898	2,948
Regular classrooms	134	137	140	141	138	141	140	138	139	138	140
Additional permanent classrooms needed	5	7	-2	-1	-4	-1	-2	-4	-3	-4	-2
Total regular classrooms* =	129	130	142	142	142	142	142	142	142	142	142
Net enrollment increase =											97

* The numbers assume each school has separate art, music, library, and special education spaces.

LEXINGTON ELEMENTARY ENROLLMENTS

Actual October 1 Enrollments through 2012
Projected October 1 enrollments through 2022



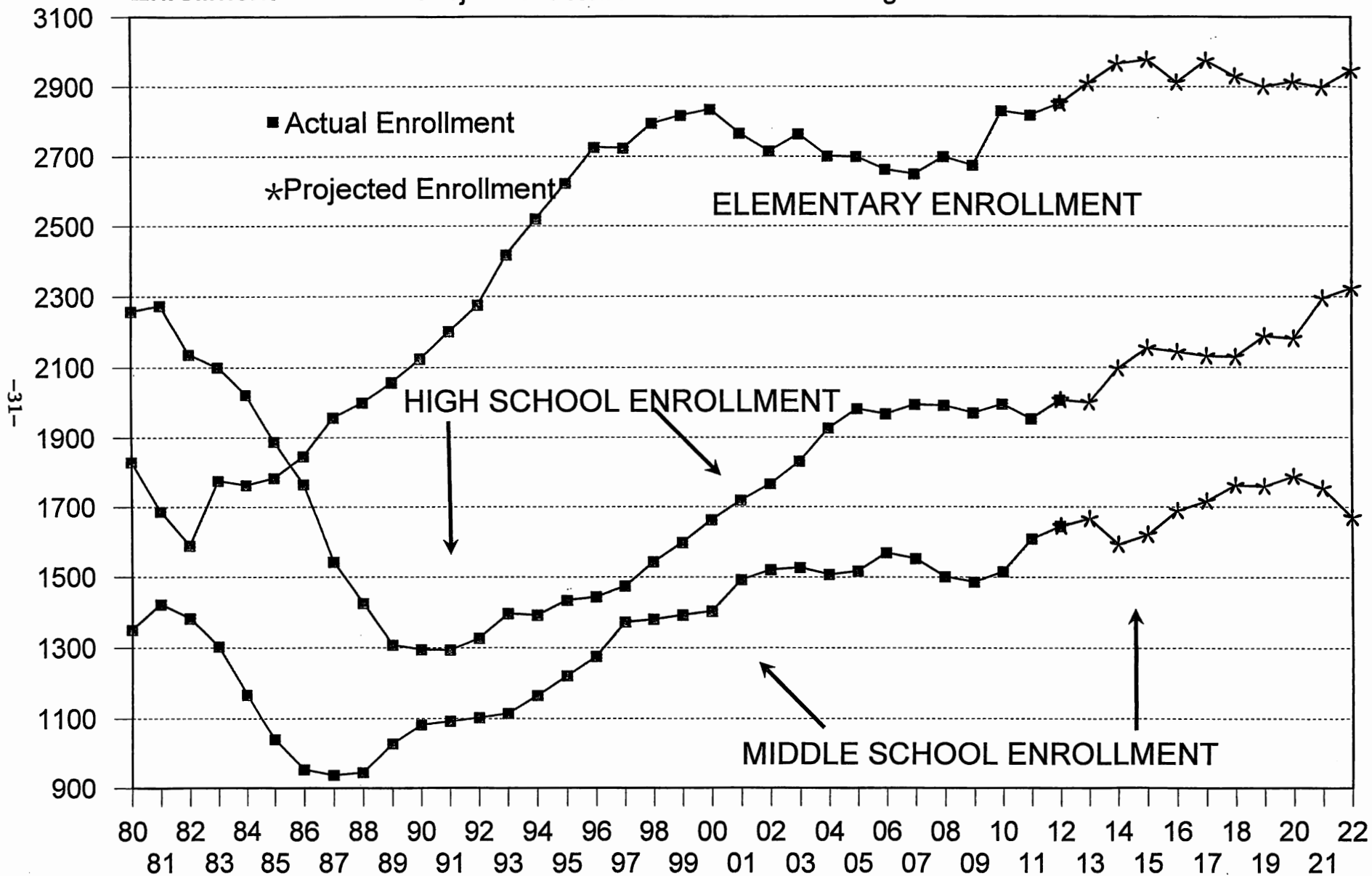
Based on 206 projected births and 1.95 birth to K progression rate.

ELEMENTARY, MIDDLE SCHOOL and HIGH SCHOOL ENROLLMENTS

Actual October 1 Enrollments through 2012


Projected October 1 Enrollments through 2022

Enrollment




Based on a 1.95 Birth-to-Kindergarten progression rate.

October 1, ----



Four-Year Enrollment Projection
(Based on current enrollment numbers,
actual pre-K census numbers, and current
school district lines.)



Lexington Public Schools
2012-2013 October 1, 2012 Enrollment

Grade	Bowman	Bridge	Esterbrook	Fiske	Harrington	Hastings	TOTALS
K	23	20	22	19	19	19	437
	22	20	21	20	19	17	
	22	19	21	20	19	17	
	22	19		18		19	
1	22	21	20	23	21	17	424
	20	22	20	23	20	17	
	20	22	19	23	20	15	
	20	22				17	
2	23	22	21	24	23	20	513
	23	23	22	24	23	19	
	23	22	22	25	23	21	
	23	22	22	24		19	
3	23	23	21	21	20	19	507
	24	22	20	21	19	20	
	23	23	23	21	20	19	
	24	21	21	21	20	18	
4	21	19	20	19	22	22	464
	23	20	21	19	22	23	
	24	20	21	20	23	23	
	21	19	22	20			
5	22	24	23	26	20	22	506
	22	25	24	26	20	23	
	21	25	20	27	21	23	
	23	25	24		20		
Total Enrollment	534	520	470	484	414	429	2851
Sections	24	24	22	22	20	22	134

Middle School

	Clarke	Diamond	
6	278	258	536
7	318	262	580
8	265	263	528
Total	861	783	1644

High School

9	542
10	483
11	473
12	509

Total **2007**

School by School Enrollments
 Actual FY13
 FY14 through FY17 Projections
 Kindergarten Numbers Based on Census Data

Bowman		<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>FY17</u>
K		89	78	69	60	81
1		82	101	89	79	68
2		92	87	107	94	84
3		94	96	90	111	98
4		89	98	100	94	115
5		88	92	101	103	97
TOTAL		534	552	556	541	543
Bridge		<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>FY17</u>
K		78	91	74	89	55
1		87	89	104	84	101
2		89	92	94	110	89
3		89	93	96	98	114
4		78	93	97	100	102
5		99	80	96	100	103
TOTAL		520	538	561	581	564
Estabrook		<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>FY17</u>
K		64	58	51	43	49
1		59	73	66	58	49
2		87	63	77	70	61
3		85	90	66	80	73
4		84	88	94	69	83
5		91	87	91	97	71
TOTAL		470	459	445	417	386
Fiske		<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>FY17</u>
K		77	78	74	81	36
1		69	88	89	84	92
2		97	73	93	94	89
3		84	101	76	97	98
4		78	87	105	79	101
5		79	80	90	108	81
TOTAL		484	507	527	543	497

School by School Enrollments
 Actual FY13
 FY14 through FY17 Projections
 Kindergarten Numbers Based on Census Data

Harrington		<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>FY17</u>
K		57	59	61	51	55
1		61	65	67	70	58
2		69	65	69	71	74
3		79	72	68	72	74
4		67	82	75	71	75
5		81	69	84	77	73
TOTAL		414	412	424	412	409
Hastings		<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>FY17</u>
K		72	60	54	63	41
1		66	82	68	62	72
2		79	70	87	72	66
3		76	82	73	90	75
4		68	79	85	76	94
5		68	70	81	88	78
TOTAL		429	443	448	451	426
K-5 Total		<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>FY17</u>
K		437	424	383	387	317
1		424	498	483	437	440
2		513	450	527	511	463
3		507	534	469	548	532
4		464	527	556	489	570
5		506	478	543	573	503
TOTAL		2851	2911	2961	2945	2825

Middle School Enrollments
Actual FY13
FY14 through FY22 Projections


	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>FY17</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>	<u>FY21</u>	<u>FY22</u>
Clarke Middle										
6	278	273	246	287	286	278	306	313	281	271
7	318	284	278	251	293	292	284	312	319	287
8	265	324	290	284	256	299	298	290	318	325
TOTAL	861	881	814	822	835	869	888	915	918	883
Diamond Middle										
6	258	255	254	280	314	246	306	281	259	269
7	262	263	260	259	286	320	251	312	287	264
8	263	267	268	265	264	292	326	256	318	293
TOTAL	783	785	782	804	864	858	883	849	864	826
Total										
6	536	528	500	567	600	524	612	594	540	540
7	580	547	538	510	579	612	535	624	606	551
8	528	591	558	549	520	591	624	546	636	618
TOTAL	1644	1666	1596	1626	1699	1727	1771	1764	1782	1709

PROGRESSION RATES


By Elementary District
4 year old to kindergarten

<u>FY</u>	<u>Bowman</u>	<u>Bridge</u>	<u>Estabrook</u>	<u>Fiske</u>	<u>Harrington</u>	<u>Hastings</u>
90 - 91	0.86	0.88	0.89	0.90	1.10	
91 - 92	0.93	1.06	0.90	1.02	1.17	
92 - 93	1.07	1.06	1.07	0.93	0.97	
93 - 94	1.17	1.11	0.98	0.94	1.15	
94 - 95	1.01	0.71	0.85	0.85	0.79	
95 - 96	1.03	1.07	1.01	1.10	1.04	0.94
96 - 97	0.92	1.10	1.19	1.66	0.86	1.09
97 - 98	1.03	0.87	0.93	1.22	0.98	1.13
98 - 99	1.00	1.38	1.10	1.36	1.10	1.10
99 - 00	1.05	1.04	0.88	1.06	1.11	1.23
00 - 01	0.92	1.32	0.99	1.46	1.14	1.13
01 - 02	1.14	1.14	1.16	1.18	1.11	1.18
02 - 03	0.76	0.77	0.98	1.24	0.88	0.97
03 - 04	0.87	1.17	1.23	1.05	1.32	1.10
04 - 05	0.84	1.43	1.29	1.46	1.18	0.95
05 - 06	0.97	1.40	1.11	1.04	1.52	1.12
06 - 07	0.99	1.08	1.33	1.61	1.29	1.10
07 - 08	1.00	0.90	1.08	1.15	1.33	1.16
08 - 09	1.21	1.31	1.42	2.38	1.55	1.59
09 - 10	1.06	1.29	1.84	1.00	1.50	1.40
10 - 11	1.31	1.79	1.19	1.87	1.27	1.57
11 - 12	1.00	1.27	0.88	1.10	1.22	1.05
12 - 13	1.24	1.20	1.49	1.18	1.27	1.44
Adjusted Average ⁽¹⁾	1.12	1.24	1.19	1.14	1.25	1.25

⁽¹⁾ Average adjusted to reflect improved census reporting



Appendix



BOWMAN

School Year	CENSUS							October 1 Kindergarten	PROGRESSION RATE				Age 4 to Kindergarten
	< 1 yr old	1 yr old	2 yr old	3 yr old	4 yr old	5 yr old	Age 0 to 1		Age 1 to 2	Age 2 to 3	Age 3 to 4		
80 - 81	53	53	58	54	59		34						
81 - 82	45	57	53	54	66		43	1.08	1.00	0.93	1.22	0.73	
82 - 83	44	44	60	46	64		52	0.98	1.05	0.87	1.19	0.79	
83 - 84	47	48	47	63	72		44	1.09	1.07	1.05	1.57	0.69	
84 - 85	50	43	46	49	77		42	0.91	0.96	1.04	1.22	0.58	
85 - 86	63	49	52	41	65		54	0.98	1.21	0.89	1.33	0.70	
86 - 87	74	68	70	63	66		56	1.08	1.43	1.21	1.61	0.86	
87 - 88	66	74	58	70	68		56	1.00	0.85	1.00	1.08	0.85	
88 - 89	64	72	85	58	89		64	1.09	1.15	1.00	1.27	0.94	
89 - 90	23	64	72	85	77		77	1.00	1.00	1.00	1.33	0.87	
90 - 91	48	55	64	71	99		66	2.39	1.00	0.99	1.16	0.86	
91 - 92	54	78	59	73	73		92	1.63	1.07	1.14	1.03	0.93	
92 - 93	66	76	92	63	82		78	1.41	1.18	1.07	1.12	1.07	
93 - 94	51	61	68	73	72		96	0.92	0.89	0.79	1.14	1.17	
94 - 95	28	51	61	68	79		73	1.00	1.00	1.00	1.08	1.01	
95 - 96	58	55	65	71	77		81	1.96	1.27	1.16	1.13	1.03	
96 - 97	58	58	55	65	78		71	1.00	1.00	1.00	1.10	0.92	
97 - 98	58	47	55	53	66		80	0.81	0.95	0.96	1.02	1.03	
98 - 99	60	67	48	60	66		66	1.16	1.02	1.09	1.25	1.00	
99 - 00	58	63	67	49	64		69	1.05	1.00	1.02	1.07	1.05	
00 - 01	66	67	65	66	63		59	1.16	1.03	0.99	1.29	0.92	
01 - 02	27	62	62	62	75		72	0.94	0.93	0.95	1.14	1.14	
02 - 03	51	64	72	70	67		57	2.37	1.16	1.13	1.08	0.76	
03 - 04	34	65	60	76	69		58	1.27	0.94	1.06	0.99	0.87	
04 - 05	36	54	60	53	72		58	1.59	0.92	0.88	0.95	0.84	
05 - 06	56	64	67	75	78	99	70	1.78	1.24	1.25	1.47	0.97	
06 - 07	16	43	52	55	70		77	0.77	0.81	0.82	0.93	0.99	
After Redistricting													
06 - 07	16	43	53	54	68								
07 - 08	35	43	50	59	58	73	68	2.69	1.16	1.11	1.07	1.00	
08 - 09	46	44	50	47	64	61	70	1.26	1.16	0.94	1.08	1.21	
09 - 10	30	50	54	54	62	72	68	1.09	1.23	1.08	1.32	1.06	
10 - 11	45	42	60	61	66	83	81	1.40	1.20	1.13	1.22	1.31	
11 - 12	53	44	50	62	72	76	77	0.91	0.98	1.02	0.98	1.00	
12 - 13	51	51	44	56	70	95	89	0.96	1.00	1.12	1.13	1.24	

FY11-12 Progression Rates have been adjusted to reflect improve census reporting

BRIDGE

CENSUS

PROGRESSION RATE

School Year	< 1 yr old	1 yr old	2 yr old	3 yr old	4 yr old	5 yr old	October 1 Kindergarten	Age 0 to 1	Age 1 to 2	Age 2 to 3	Age 3 to 4	Age 4 to Kindergarten
80 - 81	28	44	34	36	38		38					
81 - 82	28	31	43	35	48		28	1.11	0.98	1.03	1.33	0.74
82 - 83	44	41	39	59	59		33	1.46	1.26	1.37	1.69	0.69
83 - 84	41	49	47	39	78		55	1.11	1.15	1.00	1.32	0.93
84 - 85	47	44	50	50	58		58	1.07	1.02	1.06	1.49	0.74
85 - 86	66	68	63	71	85		70	1.45	1.43	1.42	1.70	1.21
86 - 87	54	48	64	41	67		62	0.73	0.94	0.65	0.94	0.73
87 - 88	56	60	57	68	60		69	1.11	1.19	1.06	1.46	1.03
88 - 89	43	60	74	63	84		58	1.07	1.23	1.11	1.24	0.97
89 - 90	44	43	60	74	80		81	1.00	1.00	1.00	1.27	0.96
90 - 91	54	76	46	63	89		70	1.73	1.07	1.05	1.20	0.88
91 - 92	56	80	74	54	65		94	1.48	0.97	1.17	1.03	1.06
92 - 93	55	65	82	83	63		69	1.16	1.03	1.12	1.17	1.06
93 - 94	38	54	64	60	92		70	0.98	0.98	0.73	1.11	1.11
94 - 95	33	38	54	64	72		65	1.00	1.00	1.00	1.20	0.71
95 - 96	42	54	58	66	71		77	1.64	1.53	1.22	1.11	1.07
96 - 97	41	42	54	58	78		78	1.00	1.00	1.00	1.18	1.10
97 - 98	57	43	37	59	55		68	1.05	0.88	1.09	0.95	0.87
98 - 99	42	69	49	50	70		76	1.21	1.14	1.35	1.19	1.38
99 - 00	41	44	71	50	53		73	1.05	1.03	1.02	1.06	1.04
00 - 01	43	39	61	79	56		70	0.95	1.39	1.11	1.12	1.32
01 - 02	30	43	49	68	102		64	1.00	1.26	1.11	1.29	1.14
02 - 03	25	46	45	53	72		79	1.53	1.05	1.08	1.06	0.77
03 - 04	26	41	43	49	49		84	1.64	0.93	1.09	0.92	1.17
04 - 05	36	43	56	60	58		70	1.65	1.37	1.40	1.18	1.43
05 - 06	24	45	42	54	60	71	81	1.25	0.98	0.96	1.00	1.40
06 - 07	10	34	60	53	66		65	1.42	1.33	1.26	1.22	1.08
After Redistricting												
06 - 07	10	29	55	45	62							
07 - 08	20	27	32	54	42	60	56	2.70	1.10	0.98	0.93	0.90
08 - 09	37	25	33	34	52	41	55	1.25	1.22	1.06	0.96	1.31
09 - 10	37	49	38	41	38	64	67	1.32	1.52	1.24	1.12	1.29
10 - 11	43	44	53	47	48	57	68	1.19	1.08	1.24	1.17	1.79
11 - 12	35	43	47	57	65	62	72	0.81	0.84	0.85	1.06	1.27
12 - 13	37	32	58	54	73	97	78	0.91	1.35	1.15	1.28	1.20

FY11-12 Progression Rates have been adjusted to reflect improve census reporting

ESTABROOK

CENSUS

PROGRESSION RATE

School Year	< 1 yr old	1 yr old	2 yr old	3 yr old	4 yr old	5 yr old	October 1 Kindergarten	Age 0 to 1	Age 1 to 2	Age 2 to 3	Age 3 to 4	Age 4 to Kindergarten
80 - 81	26	32	43	26	52		31					
81 - 82	30	33	32	46	41		37	1.27	1.00	1.07	1.58	0.71
82 - 83	47	50	53	61	73		27	1.67	1.61	1.91	1.59	0.66
83 - 84	52	48	58	56	78		56	1.02	1.16	1.06	1.28	0.77
84 - 85	55	52	56	61	75		60	1.00	1.17	1.05	1.34	0.77
85 - 86	63	61	60	69	77		60	1.11	1.15	1.23	1.26	0.80
86 - 87	64	75	60	53	85		69	1.19	0.98	0.88	1.23	0.90
87 - 88	60	65	79	59	74		75	1.02	1.05	0.98	1.40	0.88
88 - 89	65	69	70	87	79		72	1.15	1.08	1.10	1.34	0.97
89 - 90	37	65	69	70	100		73	1.00	1.00	1.00	1.15	0.92
90 - 91	57	66	70	76	83		89	1.78	1.08	1.10	1.19	0.89
91 - 92	68	73	70	90	84		75	1.28	1.06	1.29	1.11	0.90
92 - 93	52	68	82	76	102		90	1.00	1.12	1.09	1.13	1.07
93 - 94	45	49	53	63	88		100	0.94	0.78	0.77	1.16	0.98
94 - 95	30	45	49	53	76		75	1.00	1.00	1.00	1.21	0.85
95 - 96	38	52	58	57	64		77	1.73	1.29	1.16	1.21	1.01
96 - 97	31	38	52	58	70		76	1.00	1.00	1.00	1.23	1.19
97 - 98	43	52	56	58	62		65	1.68	1.47	1.12	1.07	0.93
98 - 99	40	48	58	63	73		68	1.12	1.12	1.13	1.26	1.10
99 - 00	31	42	50	60	67		64	1.05	1.04	1.03	1.06	0.88
00 - 01	46	45	52	45	57		66	1.45	1.24	0.90	0.95	0.99
01 - 02	21	57	54	59	50		66	1.24	1.20	1.13	1.11	1.16
02 - 03	27	42	55	56	62		49	2.00	0.96	1.04	1.05	0.98
03 - 04	17	45	46	54	51		76	1.67	1.10	0.98	0.91	1.23
04 - 05	26	39	56	50	57		66	2.29	1.24	1.09	1.06	1.29
05 - 06	33	33	38	55	52	63	63	1.27	0.97	0.98	1.04	1.11
06 - 07	14	40	43	45	66		69	1.21	1.30	1.18	1.20	1.33
After Redistricting												
06 - 07	14	40	42	45	65							
07 - 08	25	26	44	35	45	64	70	1.86	1.10	0.83	1.00	1.08
08 - 09	32	40	40	59	38	53	64	1.60	1.54	1.34	1.09	1.42
09 - 10	26	38	43	49	57	51	70	1.19	1.08	1.23	0.97	1.84
10 - 11	21	32	40	37	49	69	68	1.23	1.05	0.86	1.00	1.19
11 - 12	31	29	38	44	43	60	54	1.14	1.00	0.90	0.97	0.88
12 - 13	28	29	29	39	49	46	64	0.94	1.00	1.03	1.11	1.49

FY11-12 Progression Rates have been adjusted to reflect improve census reporting

FISKE

School Year	CENSUS							PROGRESSION RATE				
	< 1 yr old	1 yr old	2 yr old	3 yr old	4 yr old	5 yr old	October 1 Kindergarten	Age 0 to 1	Age 1 to 2	Age 2 to 3	Age 3 to 4	Age 4 to Kindergarten
80 - 81	24	26	34	24	42		29					
81 - 82	25	26	28	29	40		34	1.08	1.08	0.85	1.67	0.81
82 - 83	39	24	27	33	37		24	0.96	1.04	1.18	1.28	0.60
83 - 84	21	35	33	31	43		26	0.90	1.38	1.15	1.30	0.70
84 - 85	34	28	35	35	37		45	1.33	1.00	1.06	1.19	1.05
85 - 86	41	40	35	45	43		41	1.18	1.25	1.29	1.23	1.11
86 - 87	27	45	32	37	47		51	1.10	0.80	1.06	1.04	1.19
87 - 88	37	29	49	41	43		45	1.07	1.09	1.28	1.16	0.96
88 - 89	41	43	32	55	49		43	1.16	1.10	1.12	1.20	1.00
89 - 90	16	41	43	32	72		50	1.00	1.00	1.00	1.31	1.02
90 - 91	27	42	43	57	52		65	2.63	1.05	1.33	1.63	0.90
91 - 92	41	51	55	45	61		53	1.89	1.31	1.05	1.07	1.02
92 - 93	36	47	55	62	54		57	1.15	1.08	1.13	1.20	0.93
93 - 94	34	31	39	43	71		51	0.86	0.83	0.78	1.15	0.94
94 - 95	21	34	31	39	49		60	1.00	1.00	1.00	1.14	0.85
95 - 96	34	48	50	39	44		54	2.29	1.47	1.26	1.13	1.10
96 - 97	24	34	48	50	45		73	1.00	1.00	1.00	1.15	1.66
97 - 98	28	27	45	54	59		55	1.13	1.32	1.13	1.18	1.22
98 - 99	29	32	35	51	51		80	1.14	1.30	1.13	0.94	1.36
99 - 00	24	30	33	36	54		54	1.03	1.03	1.03	1.06	1.06
00 - 01	26	25	28	31	40		79	1.04	0.93	0.94	1.11	1.46
01 - 02	15	34	38	42	45		47	1.31	1.52	1.50	1.45	1.18
02 - 03	7	26	38	37	40		56	1.73	1.12	0.97	0.95	1.24
03 - 04	8	16	24	33	35		42	2.29	0.92	0.87	0.95	1.05
04 - 05	21	20	26	42	50		51	2.50	1.63	1.75	1.52	1.46
05 - 06	11	21	19	20	36	45	52	1.00	0.95	0.77	0.86	1.04
06 - 07	6	26	28	24	30		58	2.36	1.33	1.26	1.50	1.61
After Redistricting												
06 - 07	6	26	31	36	41							
07 - 08	29	25	36	47	34	43	47	4.17	1.38	1.52	0.94	1.15
08 - 09	43	35	35	37	51	58	81	1.21	1.40	1.03	1.09	2.38
09 - 10	31	39	39	43	45	59	51	0.91	1.11	1.23	1.22	1.00
10 - 11	37	38	43	51	49	74	84	1.23	1.10	1.31	1.14	1.87
11 - 12	24	48	50	62	65	61	61	1.11	0.95	1.09	1.04	1.10
12 - 13	35	23	57	59	68	75	77	0.96	1.19	1.18	1.10	1.18

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FY11-12 Progression Rates have been adjusted to reflect improve census reporting

HARRINGTON

CENSUS

PROGRESSION RATE

School Year	< 1 yr old	1 yr old	2 yr old	3 yr old	4 yr old	5 yr old	October 1 Kindergarten	Age 0 to 1	Age 1 to 2	Age 2 to 3	Age 3 to 4	Age 4 to Kindergarten
80 - 81	23	28	32	33	42		31					
81 - 82	18	22	31	36	41		32	0.96	1.11	1.13	1.24	0.76
82 - 83	26	24	20	32	44		37	1.33	0.91	1.03	1.22	0.90
83 - 84	34	31	23	24	43		41	1.19	0.96	1.20	1.34	0.93
84 - 85	29	37	31	24	31		35	1.09	1.00	1.04	1.29	0.81
85 - 86	38	33	54	42	36		34	1.14	1.46	1.35	1.50	1.10
86 - 87	34	33	40	45	52		35	0.87	1.21	0.83	1.24	0.97
87 - 88	46	42	38	47	56		52	1.24	1.15	1.18	1.24	1.00
88 - 89	45	54	44	46	66		67	1.17	1.05	1.21	1.40	1.20
89 - 90	21	45	54	44	58		60	1.00	1.00	1.00	1.26	0.91
90 - 91	42	50	40	69	54		64	2.38	0.89	1.28	1.23	1.10
91 - 92	51	53	49	48	72		63	1.26	0.98	1.20	1.04	1.17
92 - 93	33	55	69	57	54		70	1.08	1.30	1.16	1.13	0.97
93 - 94	41	32	48	60	63		62	0.97	0.87	0.87	1.11	1.15
94 - 95	26	41	32	48	71		50	1.00	1.00	1.00	1.18	0.79
95 - 96	46	52	57	42	63		74	2.00	1.39	1.31	1.31	1.04
96 - 97	46	46	52	57	53		54	1.00	1.00	1.00	1.26	0.86
97 - 98	34	45	36	53	52		52	0.98	0.78	1.02	0.91	0.98
98 - 99	48	43	56	40	57		57	1.26	1.24	1.11	1.08	1.10
99 - 00	46	50	44	58	43		63	1.04	1.02	1.04	1.08	1.11
00 - 01	30	37	29	42	56		49	0.80	0.58	0.95	0.97	1.14
01 - 02	21	39	46	36	50		62	1.30	1.24	1.24	1.19	1.11
02 - 03	21	30	44	46	41		44	1.43	1.13	1.00	1.14	0.88
03 - 04	18	28	23	37	45		54	1.33	0.77	0.84	0.98	1.32
04 - 05	21	23	33	43	42		53	1.28	1.18	1.87	1.14	1.18
05 - 06	21	25	18	37	38	44	64	1.19	0.78	1.12	0.88	1.52
06 - 07	5	22	32	26	40		49	1.05	1.28	1.44	1.08	1.29
After Redistricting												
06 - 07	5	28	37	28	40							
07 - 08	19	21	28	31	38	40	53	4.20	1.00	0.84	1.36	1.33
08 - 09	21	26	31	31	38	40	59	1.37	1.48	1.11	1.23	1.55
09 - 10	33	24	29	41	41	60	57	1.14	1.12	1.32	1.32	1.50
10 - 11	27	37	35	42	41	64	52	1.12	1.46	1.45	1.00	1.27
11 - 12	35	30	41	42	45	55	55	0.96	0.89	1.00	1.00	1.22
12 - 13	32	32	33	44	47	62	57	0.91	1.10	1.07	1.12	1.27

FY11-12 Progression Rates have been adjusted to reflect improve census reporting

HASTINGS

School Year	CENSUS							PROGRESSION RATE				
	< 1 yr old	1 yr old	2 yr old	3 yr old	4 yr old	5 yr old	October 1 Kindergarten	Age 0 to 1	Age 1 to 2	Age 2 to 3	Age 3 to 4	Age 4 to Kindergarten
80 - 81	26	25	48	40	42		46					
81 - 82	29	33	28	47	49		37	1.27	1.12	0.98	1.23	0.88
82 - 83	34	26	32	31	55		38	0.90	0.97	1.11	1.17	0.78
83 - 84	28	32	27	31	37		45	0.94	1.04	0.97	1.19	0.82
84 - 85	22	30	39	25	44		31	1.07	1.22	0.93	1.42	0.84
85 - 86								0.00	0.00	0.00	0.00	0.00
86 - 87												
87 - 88												
88 - 89												
89 - 90												
90 - 91												
91 - 92												
92 - 93												
93 - 94	50	37	51	65								
94 - 95	32	50	37	51	70		54	1.00	1.00	1.00	1.08	
95 - 96	42	57	58	49	55		66	1.78	1.16	1.32	1.08	0.94
96 - 97	41	42	57	58	54		60	1.00	1.00	1.00	1.10	1.09
97 - 98	47	52	47	64	60		61	1.27	1.12	1.12	1.03	1.13
98 - 99	42	54	58	59	64		66	1.15	1.12	1.26	1.00	1.10
99 - 00	41	44	55	60	63		79	1.05	1.02	1.03	1.07	1.23
00 - 01	41	55	67	46	61		71	1.34	1.52	0.84	1.02	1.13
01 - 02	33	51	50	73	66		72	1.24	0.91	1.09	1.43	1.18
02 - 03	15	58	56	54	82		64	1.76	1.10	1.08	1.12	0.97
03 - 04	26	32	62	59	59		90	2.13	1.07	1.05	1.09	1.10
04 - 05	30	29	36	57	65		56	1.12	1.13	0.92	1.10	0.95
05 - 06	36	42	36	44	61	73	73	1.40	1.24	1.22	1.07	1.12
06 - 07	13	37	40	44	42		67	1.03	0.95	1.22	0.95	1.10
After Redistricting												
06 - 07	13	36	37	39	38							
07 - 08	16	31	39	42	37	38	44	2.38	1.08	1.14	0.95	1.16
08 - 09	31	20	35	39	45	43	59	1.25	1.13	1.00	1.07	1.59
09 - 10	23	34	22	43	47	53	63	1.10	1.10	1.23	1.21	1.40
10 - 11	37	29	43	41	60	73	74	1.26	1.26	1.86	1.40	1.57
11 - 12	26	41	37	49	50	67	70	1.00	1.03	1.02	1.10	1.05
12 - 13	37	24	40	39	48	64	72	0.92	0.98	1.05	0.98	1.44

FY11-12 Progression Rates have been adjusted to reflect improve census reporting

TOTAL ELEMENTARY

School Year	CENSUS							PROGRESSION RATE					
	< 1 yr old	1 yr old	2 yr old	3 yr old	4 yr old	5 yr old	October 1 Kindergarten	Age 0 to 1	Age 1 to 2	Age 2 to 3	Age 3 to 4	Age 4 to 5	Age 4 to Kindergarten
80 - 81	180	208	249	213	275		209						
81 - 82	175	202	215	247	285		211	1.12	1.03	0.99	1.34		0.77
82 - 83	234	209	231	262	332		211	1.19	1.14	1.22	1.34		0.74
83 - 84	223	243	235	244	351		267	1.04	1.12	1.06	1.34		0.80
84 - 85	237	234	257	244	322		271	1.05	1.06	1.04	1.32		0.77
85 - 86	271	251	264	268	306		259	1.06	1.13	1.04	1.25		0.80
86 - 87	253	269	266	239	317		273	0.99	1.06	0.91	1.18		0.89
87 - 88	265	270	281	285	301		297	1.07	1.04	1.07	1.26		0.94
88 - 89	258	298	305	309	367		304	1.12	1.13	1.10	1.29		1.01
89 - 90	141	258	298	305	387		341	1.00	1.00	1.00	1.25		0.93
90 - 91	228	289	263	336	377		354	2.05	1.02	1.13	1.24		0.91
91 - 92	270	335	307	310	355		377	1.47	1.06	1.18	1.06		1.00
92 - 93	242	311	380	341	355		364	1.15	1.13	1.11	1.15		1.03
93 - 94	259	264	323	364	386		379	1.09	1.04	0.96	1.13		1.07
94 - 95	170	259	264	323	417		377	1.00	1.00	1.00	1.15		0.98
95 - 96	260	318	346	324	374		429	1.87	1.34	1.23	1.16		1.03
96 - 97	241	260	318	346	378		412	1.00	1.00	1.00	1.17		1.10
97 - 98	267	266	276	341	354		381	1.10	1.06	1.07	1.02		1.01
98 - 99	261	313	304	323	381		413	1.17	1.14	1.17	1.12		1.17
99 - 00	241	273	320	313	344		402	1.05	1.02	1.03	1.07		1.06
00 - 01	252	268	302	309	333		394	1.11	1.11	0.97	1.06		1.15
01 - 02	147	286	299	340	388		383	1.13	1.12	1.13	1.26		1.15
02 - 03	146	266	310	316	364		349	1.81	1.08	1.06	1.07		0.90
03 - 04	129	227	258	308	308		404	1.55	0.97	0.99	0.97		1.11
04 - 05	170	208	267	305	344		354	1.61	1.18	1.18	1.12		1.15
05 - 06	181	230	220	285	325	395	403	1.35	1.06	1.07	1.07		1.17
06 - 07	64	202	255	247	314		385	1.12	1.11	1.12	1.10		1.18
After Redistricting													
06 - 07	64	202	255	247	314								
07 - 08	144	173	229	268	254	318	338	2.70	1.13	1.05	1.03		1.08
08 - 09	210	190	224	247	288	296	388	1.32	1.29	1.08	1.07		1.53
09 - 10	180	234	225	271	290	359	376	1.11	1.18	1.21	1.17		1.31
10 - 11	210	222	274	279	313	420	427	1.23	1.17	1.24	1.15		1.47
11 - 12	204	235	263	316	340	381	389	0.97	0.94	0.98	1.03		1.08
12 - 13	220	191	261	291	355	439	437	0.94	1.11	1.11	1.12		1.29

FY11-12 Progression Rates have been adjusted to reflect improve census reporting

Grade 6 Progression by Middle School District

CLARK MIDDLE SCHOOL

School Year	Grade 5			TOTAL	Grade 6	Progression
	Bowman	Bridge	Harrington			
05 - 06	87	102	61	250	250	
06 - 07	81	94	68	243	255	1.02
07 - 08	85	104	65	254	258	1.06
08 - 09	81	108	62	251	236	0.93
09 - 10	76	92	77	245	253	1.01
10 - 11	105	105	76	286	261	1.07
11 - 12	89	94	71	254	297	1.04
12 - 13	88	99	81	268	278	1.09

DIAMOND MIDDLE SCHOOL

School Year	Grade 5			TOTAL	Grade 6	Progression
	Estabrook	Fiske	Hastings			
05 - 06	85	78	89	252	280	
06 - 07	90	56	84	230	262	1.04
07 - 08	58	70	75	203	237	1.03
08 - 09	87	79	91	257	229	1.13
09 - 10	73	96	73	242	266	1.04
10 - 11	75	82	84	241	266	1.10
11 - 12	68	101	78	247	250	1.04
12 - 13	91	79	68	238	258	1.04

TOTAL

School Year	Grade 5	Grade 6	Progression
05 - 06	502	530	
06 - 07	473	517	1.03
07 - 08	457	495	1.05
08 - 09	508	465	1.02
09 - 10	487	519	1.02
10 - 11	527	527	1.08
11 - 12	501	547	1.04
12 - 13	506	536	1.07