



**Glen Ellyn
School District 41**

Demographic Trends
and
Enrollment Projections

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Table of Contents

Preface.....	1
Overview of District 41.....	2
Housing and Population Trends.....	3
Enrollment Trends and Student Migration.....	9
Determinants of Enrollment Change.....	9
Enrollment Change in the Individual Schools.....	12
The Enrollment Future of District 41.....	32
Enrollment Projections.....	40
Concluding Remarks.....	45
Appendices.....	67

Preface

This report updates population and housing trends within Glen Ellyn School District 41 and assesses the implications of these trends for future enrollments at the individual schools and district as a whole. The objective of this report is fourfold. First, I shall discuss residential development patterns and demographic dynamics underlying historical and recent enrollment changes in the District. Next, I shall assess annual enrollment changes in District 41 schools during the past twenty years and analyze student migration patterns and other sources of these enrollment changes. I shall then discuss new housing prospects, housing turnover (including tear-downs) and other factors impacting family in-migration that will shape future enrollments in the District and the individual schools. Finally, I shall project enrollment, by grade and by year, for each of the four elementary schools through school year 2016–17, and at Hadley Junior High School and the District as a whole through school year 2021–22.

All enrollment projections will be in the form of three separate series based on different assumptions about future fertility rates, housing turnover and family migration to District 41 and the elementary school attendance areas. These three series will provide forecasts by grade and by year of (A) the absolute minimum number of students that may be anticipated, (B) the most likely

number of students to be expected, and (C) the absolute maximum number of students that can possibly be foreseen.

In conducting the analysis that follows, I benefited from data provided by administrators of District 41 and local officials. I would like especially to acknowledge Dr. Ann Riebock, Superintendent of Schools, and Bob Ciserella, Assistant Superintendent of Finance, Facilities and Operations, who assembled much of the information upon which this study is based. For their fine assistance and that of others who contributed to this study, I am most appreciative.

Overview of District 41

Glen Ellyn School District 41 lies in the western suburbs of Chicago, just over 20 miles from the center of the city. The District serves a major part of Glen Ellyn and small portions of Carol Stream, Glendale Heights, Lombard and Wheaton, plus unincorporated parts of Milton and Bloomingdale Township. Primarily residential in nature, virtually all of the incorporated and unincorporated areas of District 41 are built-out.

More than 2,400 students (including ECE and pre-K) attend the district's four elementary schools (Abraham Lincoln, Benjamin Franklin, Churchill and Forest Glen) and another 1,211 students attend Hadley Junior High. For the past three years, total District enrollment has been flat at around 3,635 students. The

prior five years were relatively stable, as well, with registered students totaling between 3,500 and 3,600 each year from from September 2004 to September 2008. The annual State Report Card shows District 41 students consistently exceeding State and DuPage County performance standards. A high percentage of District 41 students continue on to colleges and universities.

Housing and Population Trends

Like many of Chicago's more mature suburban areas, District 41 experienced a flurry of single family housing construction during the 1950s and 1960s. The vast majority of newly constructed homes contained three or more bedrooms and were modestly priced. As late as 1970, the median value of owner-occupied units ranged from \$23,800 in Carol Stream to \$32,200 in Glen Ellyn (see Table 1). These new modestly priced housing units attracted large numbers of young families with children leading to a boom in preschool and school-age residents during the 1950s and 1960s, as may be seen in Table 2.

New housing construction declined during the 1970s and 1980s and existing residential units appreciated in value. High mortgage interest rates in the late 1970s and early 1980s combined with fewer parcels of developable land slowed both housing turnover and new construction considerably. By the 1990s most of the District was essentially built-out. As housing values continued to

appreciate, scattered tear-downs and rebuilds began to occur. New replacement homes tended to be at least one-bedroom larger and often up to double the square footage.

With mortgage interest rates dropping in the mid-1980s and remaining at relatively low levels through the 1990s, and a growing number of empty-nester homes coming on the market, housing turnover to younger families with preschool and elementary school age children increased. Thus, as shown in Table 2, the preschool and school-age population in Glen Ellyn rose markedly through 2000. A more mixed picture characterized the other communities served by District 41 with both Lombard and Wheaton exhibiting declines in their preschool populations by year 2000.

Between 2000 and 2010, Glen Ellyn's preschool population dropped considerably as did those in Carol Stream and Wheaton. While the school-age populations also sharply declined in nearby villages, Glen Ellyn held its own.

One important demographic factor to note in Table 2 is the major increase in the size of Glen Ellyn's population age 55-64 and 65+ between 2000 and 2010. As the housing market strengthens in future years there should be further housing turnover to younger families. In fact, Appendix A, which presents the number of housing units sold in each village along with their median prices for each quarter between January 2006 and and September 2011, shows that Glen

Ellyn did much better during the housing 2008–2011 recession than most other nearby villages.

However, as will be shown later, births to residents of Glen Ellyn, Lombard and Wheaton began to drop in the late 1990s and remained lower through 2009, depressing the preschool population. If it were not for relatively robust housing turnover by empty-nesters, the preschool population would have substantially declined. I now turn to the implications of these factors for enrollment changes in District 41 and its individual schools.

Table 1

Median Value of Owner-occupied Housing Units in Villages Served by District 41:
1950 to 2009

Village	1950	1960	1970	1980	1990	2000	2009
Glen Ellyn	\$16,371	\$23,700	\$32,200	\$85,400	\$162,500	\$274,800	\$422,871
Carol Stream	—	—	\$23,800	\$76,600	\$128,700	\$170,400	\$254,369
Glendale Heights	—	—	\$23,900	\$68,000	\$105,500	\$142,800	\$215,303
Lombard	\$13,140	\$18,900	\$26,200	\$70,700	\$118,000	\$168,500	\$262,201
Wheaton	\$14,880	\$21,200	\$29,000	\$81,000	\$148,700	\$222,100	\$347,970

Source: U.S. Bureau of the Census. Decennial Census of Population and Housing, 1950, 1960, 1970, 1980, 1990, and 2000. *2009 City-data.com estimate.

Table 2

Population by Age Group in Villages Served by District 41: 1950 to 2010

Village	Age Group	1950	1960	1970	1980	1990	2000	2010
Glen Ellyn	Total	9,524	15,972	21,909	23,649	24,944	26,999	27,450
	< 5	864	1,754	1,813	1,450	1,967	2,118	1,764
	5–9	977	1,990	2,580	1,712	1,944	2,257	2,208
	10–14	766	1,797	2,671	2,235	1,616	2,079	2,241
	15–19	572	1,169	2,031	2,305	1,563	1,757	1,971
	20–24	441	471	1,132	1,683	1,591	1,107	1,209
	25–34	1,045	1,686	2,703	3,769	4,135	3,266	2,564
	35–44	1,683	2,557	2,932	3,280	4,386	4,841	3,730
	45–54	1,457	2,204	2,707	2,901	2,925	4,139	4,687
	55–64	941	1,290	1,921	2,244	2,208	2,360	3,475
	65 +	778	1,054	1,419	2,070	2,609	3,075	3,601
Carol Stream	Total	—	836	4,434	15,472	31,716	40,438	39,711
	< 5	—	—	568	1,923	3,667	3,308	2,574
	5–9	—	—	704	1,319	2,955	3,744	2,552
	10–14	—	—	529	1,032	2,049	3,508	2,860
	15–19	—	—	339	1,041	1,733	3,103	3,301
	20–24	—	—	401	2,117	2,296	2,533	2,726
	25–34	—	—	903	4,451	8,847	6,657	5,604
	35–44	—	—	539	1,574	5,576	8,155	5,351
	45–54	—	—	250	806	1,926	5,112	6,951
	55–64	—	—	122	538	1,014	2,009	4,378
	65 +	—	—	79	671	1,653	2,309	3,414
Glendale Heights	Total	—	173	11,406	23,163	27,973	31,765	34,208
	< 5	—	—	1,819	2,650	2,503	2,528	2,646
	5–9	—	—	2,070	2,362	2,269	2,368	2,610
	10–14	—	—	1,418	2,068	2,109	2,255	2,318
	15–19	—	—	694	1,925	1,909	2,386	2,468
	20–24	—	—	636	2,415	2,422	2,634	2,587
	25–34	—	—	2,506	5,916	6,801	6,389	6,190
	35–44	—	—	1,369	3,036	4,820	5,302	5,000
	45–54	—	—	534	1,411	2,642	4,119	4,473
	55–64	—	—	219	848	1,352	2,200	3,439
	65 +	—	—	141	532	1,146	1,584	2,477

Continued. . .

Table 2—Continued

Village	Age Group	1950	1960	1970	1980	1990	2000	2010
Lombard	Total	9,817	22,561	35,977	37,295	39,408	42,322	43,165
	< 5	1,129	3,102	3,247	2,469	2,954	2,588	2,605
	5–9	977	3,076	4,186	2,508	2,540	2,782	2,431
	10–14	711	2,374	4,582	2,989	2,414	2,828	2,533
	15–19	583	1,337	3,492	3,403	2,125	2,413	2,701
	20–24	511	757	2,040	3,505	2,872	2,451	2,660
	25–34	1,496	3,043	4,682	6,814	8,184	6,806	6,430
	35–44	1,663	3,827	5,042	4,646	5,970	7,336	5,862
	45–54	1,249	2,408	4,465	4,236	3,958	5,505	6,826
	55–64	927	1,451	2,405	3,839	3,399	3,475	4,973
65 +	571	1,186	1,836	2,886	4,992	6,138	6,144	
Wheaton	Total	11,638	24,312	31,138	43,043	51,464	55,416	52,894
	< 5	1,141	2,889	2,557	2,934	4,048	3,517	2,893
	5–9	938	3,023	3,183	2,987	3,958	4,013	3,474
	10–14	691	2,442	3,526	3,469	3,444	4,377	3,793
	15–19	1,076	2,125	3,704	4,193	3,814	4,456	4,381
	20–24	1,268	1,577	2,479	4,268	4,065	3,930	4,130
	25–34	1,682	3,031	3,666	8,007	8,631	6,763	5,841
	35–44	1,583	3,782	3,833	5,624	9,140	9,170	6,522
	45–54	1,470	2,483	3,803	4,527	5,643	8,521	8,555
	55–64	907	1,555	2,236	3,614	3,930	4,443	6,818
	65 +	882	1,405	2,151	3,420	4,791	6,226	6,487

Source: U.S. Bureau of the Census. Decennial Census of Population and Housing, 1950, 1960, 1970, 1980, 1990, 2000, and 2010.

Enrollment Trends and Student Migration

Enrollment trends in District 41 mirrored new housing construction and family migration patterns in earlier decades and housing turnover over the past 20 years. Enrollment mushroomed from under 1,000 students in the early 1950s to nearly 4,000 students in 1965. Total District 41 enrollment continued to rise over the following five years peaking at just under 4,500 students in school year 1970-71.

District 41 enrollment then dropped annually thereafter to a low of approximately 2,350 students in 1986-87. By that date, declining mortgage interest rates stimulated accelerated housing turnover to younger families. District enrollment proceeded to rise to 3,010 students in school year 1992-93. After a five-year period of relative stability through 1997-98, total District enrollment commenced a slow but fairly steady rise to 3,588 students in 2006-07. After a modest dip to 3,543 students in 2008-09, enrollment rose the following year to 3,630 students and stabilized since then.

Determinants of Enrollment Change

School districts are open demographic systems whose growth, stability, or decline is affected by four basic factors. The first is the difference between the

size of the kindergarten class that enters each September and the size of the previous June's graduating eighth grade class. The second is the net migration/transfer of school-age children in the district as they progress through the grades over the years. The third and fourth factors are ECE and pre-K students.

Tables 3, 4, and 5 describe how annual enrollment change in District 41 since school year 1992-93 may be decomposed into the four component parts. Table 3 provides the grade-by-grade and year-by-year enrollment for the District between 1992-93 and 2011-12. Table 4 decomposes the annual total enrollment changes into the four component parts. Thus, between September 2010 (school year 2010-11) and September 2011 (school year 2011-12), overall District enrollment declined by four students (3,639 to 3,635). The 382 eighth graders who graduated in June 2011 (see Table 3) were replaced this past September (2011) by 364 kindergarten students, for a net class size difference of -18. This 18-student loss was countered by 27 more students who migrated into the District or transferred to District 41 schools from private or parochial schools than who migrated out of the District or transferred to private or parochial schools between September 2010 and September 2011. During the same period, ECE declined by 28 students and pre-K expanded by 15 students. The four components (-18, +27, -28, +15) sum precisely to the net 4-student loss in the District between September 2011 and September 2012.

Note that for the past five years, District 41 experienced enrollment losses via entering kindergarten versus graduating eighth grade classes. Since births to residents have not risen, this would imply that housing turnover is attracting young families with preschool children. This is certainly the case for school-age children. Since September 2008, Table 4 shows that 148 more students migrated into District 41 or transferred to its public schools than moved out of the District or transferred to private or parochial schools.

Table 5 describes how these net student migration/transfer figures are computed from the enrollment data. The bottom left cell of “23” means that as the kindergarten class of September 2010 progressed to the first grade in September 2011, it gained 23 students (see Table 3 where kindergarten enrollment in school year 2010–11 was 326 and first grade enrollment in school year 2011–12 is 349 students). Conversely, as the first grade class of September 2010 progressed to the second grade in September 2011, it declined by six students. Summing across the bottom row of Table 5, one obtains 27, which is the net student migration/transfer gain between September 2010 and September 2011 shown in Table 4.

Enrollment Change in the Individual Schools

Annual enrollment changes in the District during the past 20 years have been differentially distributed among the District's schools. Tables 6 through 10 show annual enrollments by grade at Abraham Lincoln, Benjamin Franklin Churchill and Forest Glen elementary schools, and Hadley Junior High School.

Abraham Lincoln steadily rose from 456 students in 1994–95 to 651 in 2006–07 before declining modestly to 615 students this year. Lincoln's decline in the past two years resulted from moving out ECE students since its regular grade enrollment has been stable for the last five years.

Benjamin Franklin has been remarkably stable since 1997–98 near 600 students. Churchill School, following a period of relative enrollment stability near 570 from 1995–96 to 2003–04, climbed to 691 students last year, including ECE and pre-K. Removing these ungraded students shows near stability at Churchill from 2003–04 to 2011–12 at around 600 students.

Forest Glen experienced rapid enrollment growth from 372 students in 1992–93 to 619 in 2001–02. Following the boundary change in 2002, enrollment at Forest Glen declined to the 500 range since then. A major increase in pre-K was a primary reason for its overall growth this year. Finally, Hadley Junior High basically trended upward since 1993–94, rising from 925 students that year to 1,211 at present.

Tables 11 through 20 decompose the annual sources of enrollment change and migration/transfer patterns at each school since September 1992. At the elementary schools, Abraham Lincoln's recent losses are a result of its positive net student migration/transfer being superseded by relatively smaller entering kindergarten classes replacing graduating fifth grade classes.

Benjamin Franklin Elementary has been experiencing much smaller entering kindergarten classes compared with graduating fifth grade classes. Otherwise, its consistently positive annual net student migration/transfer numbers would have resulted in consistent enrollment growth.

Churchill has had mixed dynamics in both net student migration/transfer and relative sizes of entering kindergarten versus graduating fifth grade classes. Its 58 student decline this year resulted from a negative net student migration and transfer of 16 students, a 25-student drop in ECE and a 23-student drop in pre-K.

Forest Glen's recent enrollment growth resulted from positive net student migration/transfer and increases in pre-K students. It may be observed that most of the growth at Hadley Junior High was due to larger entering sixth grade classes replacing smaller graduating eighth grade classes.

Table 3

Enrollment History of Glen Ellyn School District 41: 1992–93 to 2011–12

School Year	K	1	2	3	4	5	6	7	8	K–8	ECE	Pre-K	Sp. Ed	Total
1992–93	367	313	347	330	338	313	394	297	270	2,969	8	0	33	3,010
1993–94	326	363	314	349	320	332	295	273	281	2,853	14	0	91	2,958
1994–95	350	333	340	308	340	308	326	312	306	2,923	13	0	28	2,964
1995–96	334	383	337	351	285	337	292	312	303	2,934	11	12	75	3,032
1996–97	400	352	370	322	345	288	343	327	336	3,083	19	8	0	3,110
1997–98	335	386	343	358	317	345	313	343	329	3,069	21	13	0	3,103
1998–99	384	351	399	351	351	321	356	310	350	3,173	14	23	0	3,210
1999–00	363	389	356	383	353	377	346	368	318	3,253	27	0	0	3,280
2000–01	390	383	389	350	374	352	376	344	358	3,316	32	36	0	3,384
2001–02	369	392	395	364	351	373	355	376	342	3,317	31	34	0	3,382
2002–03	366	377	395	400	381	354	380	355	365	3,373	27	34	0	3,434
2003–04	366	372	400	398	405	379	384	371	352	3,427	21	34	0	3,482
2004–05	384	385	382	404	384	385	378	379	379	3,460	43	10	0	3,513
2005–06	374	393	404	379	406	374	395	379	379	3,483	25	41	0	3,549
2006–07	385	398	398	393	384	395	384	389	377	3,503	35	50	0	3,588
2007–08	336	400	386	405	399	375	387	383	391	3,462	33	71	0	3,566
2008–09	372	352	398	376	401	399	373	395	380	3,446	40	57	0	3,543
2009–10	377	407	366	412	392	409	401	364	383	3,511	52	67	0	3,630
2010–11	326	398	416	366	413	390	413	403	382	3,507	60	72	0	3,639
2011–12	364	349	392	422	365	413	397	418	396	3,516	32	87	0	3,635

Table 4

Decomposition of Annual Source of Enrollment Change in Glen Ellyn School District 41:
September 1992 to September 2011

Transition Year Sept. to Sept.	Change Total Enrollment	Entering K vs. Exiting 8	Net Annual Migration/ Transfer	Change ECE	Change Pre-K	Change Sp. Ed.
1992 to 93	-52	56	-172	6	0	58
1993 to 94	6	69	1	-1	0	-63
1994 to 95	68	28	-17	-2	12	47
1995 to 96	78	97	52	8	-4	-75
1996 to 97	-7	-1	-13	2	5	0
1997 to 98	107	55	49	-7	10	0
1998 to 99	70	13	67	13	-23	0
1999 to 00	104	72	-9	5	36	0
2000 to 01	-2	11	-10	-1	-2	0
2001 to 02	52	24	32	-4	0	0
2002 to 03	48	1	53	-6	0	0
2003 to 04	31	32	1	22	-24	0
2004 to 05	36	-5	28	-18	31	0
2005 to 06	39	6	14	10	9	0
2006 to 07	-22	-41	0	-2	21	0
2007 to 08	-23	-19	3	7	-14	0
2008 to 09	87	-3	68	12	10	0
2009 to 10	9	-57	53	8	5	0
2010 to 11	-4	-18	27	-28	15	0

Table 5

Net Annual Student Migration/Transfer in Glen Ellyn School District 41:
September 1992 to September 2011

Transition Year Sept. to Sept.	Grade Transition								Total
	K-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	
1992 to 93	-4	1	2	-10	-6	-18	-121	-16	-172
1993 to 94	7	-23	-6	-9	-12	-6	17	33	1
1994 to 95	33	4	11	-23	-3	-16	-14	-9	-17
1995 to 96	18	-13	-15	-6	3	6	35	24	52
1996 to 97	-14	-9	-12	-5	0	25	0	2	-13
1997 to 98	16	13	8	-7	4	11	-3	7	49
1998 to 99	5	5	-16	2	26	25	12	8	67
1999 to 00	20	0	-6	-9	-1	-1	-2	-10	-9
2000 to 01	2	12	-25	1	-1	3	0	-2	-10
2001 to 02	8	3	5	17	3	7	0	-11	32
2002 to 03	6	23	3	5	-2	30	-9	-3	53
2003 to 04	19	10	4	-14	-20	-1	-5	8	1
2004 to 05	9	19	-3	2	-10	10	1	0	28
2005 to 06	24	5	-11	5	-11	10	-6	-2	14
2006 to 07	15	-12	7	6	-9	-8	-1	2	0
2007 to 08	16	-2	-10	-4	0	-2	8	-3	3
2008 to 09	35	14	14	16	8	2	-9	-12	68
2009 to 10	21	9	0	1	-2	4	2	18	53
2010 to 11	23	-6	6	-1	0	7	5	-7	27

Table 6

Enrollment History of Abraham Lincoln Elementary: 1992–93 to 2011–12

School Year	K	1	2	3	4	5	K–5	ECE	Pre-K	Sp. Ed	Total
1992–93	92	64	62	71	78	78	445	8		14	467
1993–94	68	85	67	65	74	71	430	14		15	459
1994–95	80	72	79	65	64	75	435	13		8	456
1995–96	81	90	73	85	59	59	447	11	12		470
1996–97	92	84	88	66	91	61	482	19			501
1997–98	74	89	78	84	67	91	483	14			497
1998–99	101	80	85	79	78	67	490	14			504
1999–00	78	89	68	83	77	83	478	27			505
2000–01	93	83	95	63	79	75	488	32	36		556
2001–02	74	94	89	89	62	81	489	31			520
2002–03	104	77	94	95	97	65	532	14	34		580
2003–04	89	101	87	90	91	96	554	8	34		596
2004–05	96	96	106	92	85	93	568	31	10		609
2005–06	113	100	105	99	91	90	598	14			612
2006–07	103	125	103	104	102	97	634	17			651
2007–08	81	107	118	103	104	100	613	11			624
2008–09	105	94	107	112	110	102	630	16			646
2009–10	81	112	96	110	111	104	614	29			643
2010–11	100	91	112	98	109	108	618				618
2011–12	92	109	94	116	94	110	615				615

Table 7

Enrollment History of Benjamin Franklin Elementary: 1992–93 to 2011–12

School Year	K	1	2	3	4	5	K–5	ECE	Pre-K	Sp. Ed	Total
1992–93	112	93	104	93	101	97	600				600
1993–94	101	108	86	101	89	99	584				584
1994–95	99	100	103	84	97	87	570				570
1995–96	91	101	94	99	76	97	558			11	569
1996–97	113	97	102	91	94	77	574		8		582
1997–98	89	112	100	102	88	95	586				586
1998–99	91	92	119	101	107	89	599				599
1999–00	94	97	93	106	103	108	601				601
2000–01	95	103	96	95	107	108	604				604
2001–02	95	88	105	93	97	109	587				587
2002–03	87	110	96	111	102	103	609				609
2003–04	90	93	113	97	114	101	608				608
2004–05	96	90	91	115	98	107	597				597
2005–06	77	96	92	90	119	94	568		41		609
2006–07	119	82	95	92	91	115	594		30		624
2007–08	89	126	86	94	98	92	585		71		656
2008–09	96	89	125	86	99	96	591				591
2009–10	89	106	96	126	92	102	611				611
2010–11	72	95	109	91	129	89	585				585
2011–12	81	78	91	107	98	131	586				586

*Boundary change moves approximately 30 students from Forest Glen to Benjamin Franklin.

Table 8

Enrollment History of Churchill Elementary: 1992–93 to 2011–12

School Year	K	1	2	3	4	5	K–5	ECE	Pre-K	Sp. Ed	Total
1992–93	94	90	109	114	106	83	596				596
1993–94	85	100	96	109	106	111	607				607
1994–95	95	84	86	87	99	93	544				544
1995–96	95	106	95	95	81	99	571				571
1996–97	120	95	97	92	89	77	570				570
1997–98	101	108	90	93	87	90	569	7			576
1998–99	91	90	107	88	82	80	538				538
1999–00	95	95	97	100	85	92	564				564
2000–01	104	101	88	92	94	88	567				567
2001–02	105	97	95	74	87	91	549		34		583
2002–03	93	103	100	100	80	88	564				564
2003–04	92	100	107	98	102	85	584				584
2004–05	111	100	101	101	94	100	607				607
2005–06	109	113	109	101	105	90	627				627
2006–07	75	113	111	106	99	100	604		20		624
2007–08	95	70	106	104	100	88	563				563
2008–09	92	97	66	102	105	106	568		57		625
2009–10	121	108	98	69	107	111	614		67		681
2010–11	85	124	116	98	68	114	605	25	61		691
2011–12	120	84	116	117	92	66	595		38		633

Table 9

Enrollment History of Forest Glen Elementary: 1992–93 to 2011–12

School Year	K	1	2	3	4	5	K–5	ECE	Pre-K	Sp. Ed	Total
1992–93	69	66	72	52	53	55	367			5	372
1993–94	72	70	65	74	51	51	383				383
1994–95	76	77	72	72	80	53	430				430
1995–96	67	86	75	72	69	82	451				451
1996–97	75	76	83	73	71	73	451				451
1997–98	71	77	75	79	75	69	446		13		459
1998–99	101	89	88	83	84	85	530		23		553
1999–00	96	108	98	94	88	94	578				578
2000–01	98	96	110	100	94	81	579				579
2001–02	95	113	106	108	105	92	619				619
2002–03	82	87	105	94	102	98	568	13			581
2003–04	95	78	93	113	98	97	574	13			587
2004–05	81	99	84	96	107	85	552	12			564
2005–06	75	84	98	89	91	100	537	11			548
2006–07	88	78	89	91	92	83	521	18			539
2007–08	71	97	76	104	97	95	540	22			562
2008–09	79	72	100	76	87	95	509	24			533
2009–10	86	81	76	107	82	92	524	23			547
2010–11	69	88	79	79	107	79	501	35	11		547
2011–12	71	78	91	82	81	106	509	32	49		590

*Boundary change moves approximately 30 students from Forest Glen to Benjamin Franklin.

Table 10

Enrollment history of Hadley Junior High: 1992–93 to 2011–12

School Year	6	7	8	6–8	Sp. Ed.	Total
1992–93	394	297	270	961		961
1993–94	295	273	281	849	76	925
1994–95	326	312	306	944	20	964
1995–96	292	312	303	907	64	971
1996–97	343	327	336	1,006		1,006
1997–98	313	343	329	985		985
1998–99	356	310	350	1,016		1,016
1999–00	346	368	318	1,032		1,032
2000–01	376	344	358	1,078		1,078
2001–02	355	376	342	1,073		1,073
2002–03	380	355	365	1,100		1,100
2003–04	384	371	352	1,107		1,107
2004–05	378	379	379	1,136		1,136
2005–06	395	379	379	1,153		1,153
2006–07	384	389	377	1,150		1,150
2007–08	387	383	391	1,161		1,161
2008–09	373	395	380	1,148		1,148
2009–10	401	364	383	1,148		1,148
2010–11	413	403	382	1,198		1,198
2011–12	397	418	396	1,211		1,211

Table 11

Decomposition of Annual Source of Enrollment Change in Abraham Lincoln Elementary:
September 1992 to September 2011

Transition Year Sept. to Sept.	Change Total Enrollment	Entering K vs. Exiting 5	Net Annual Migration/ Transfer	Change ECE	Change Pre-K	Change Sp. Ed.
1992 to 93	-8	-10	-5	6	0	1
1993 to 94	-3	9	-4	-1	0	-7
1994 to 95	14	6	6	-2	12	-8
1995 to 96	31	33	2	8	-12	0
1996 to 97	-4	13	-12	-5	0	0
1997 to 98	7	10	-3	0	0	0
1998 to 99	1	11	-23	13	0	0
1999 to 00	51	10	0	5	36	0
2000 to 01	-36	-1	2	-1	-36	0
2001 to 02	60	23	20	-17	34	0
2002 to 03	16	24	-2	-6	0	0
2003 to 04	13	0	14	23	-24	0
2004 to 05	3	20	10	-17	-10	0
2005 to 06	39	13	23	3	0	0
2006 to 07	-27	-16	-5	-6	0	0
2007 to 08	22	5	12	5	0	0
2008 to 09	-3	-21	5	13	0	0
2009 to 10	-25	-4	8	-29	0	0
2010 to 11	-3	-16	13	0	0	0

Table 12

Decomposition of Annual Source of Enrollment Change in Benjamin Franklin Elementary:
September 1992 to September 2011

Transition Year Sept. to Sept.	Change Total Enrollment	Entering K vs. Exiting 5	Net Annual Migration/ Transfer	Change ECE	Change Pre-K	Change Sp. Ed.
1992 to 93	-16	4	-20	0	0	0
1993 to 94	-14	0	-14	0	0	0
1994 to 95	-1	4	-16	0	0	11
1995 to 96	13	16	0	0	8	-11
1996 to 97	4	12	0	0	-8	0
1997 to 98	13	-4	17	0	0	0
1998 to 99	2	5	-3	0	0	0
1999 to 00	3	-13	16	0	0	0
2000 to 01	-17	-13	-4	0	0	0
2001 to 02	22	-22	44	0	0	0
2002 to 03	-1	-13	12	0	0	0
2003 to 04	-11	-5	-6	0	0	0
2004 to 05	12	-30	1	0	41	0
2005 to 06	15	25	1	0	-11	0
2006 to 07	32	-26	17	0	41	0
2007 to 08	-65	4	2	0	-71	0
2008 to 09	20	-7	27	0	0	0
2009 to 10	-26	-30	4	0	0	0
2010 to 11	1	-8	9	0	0	0

*Boundary change moves approximately 30 students from Forest Glen to Benjamin Franklin.

Table 13

Decomposition of Annual Source of Enrollment Change in Churchill Elementary:
September 1992 to September 2011

Transition Year Sept. to Sept.	Change Total Enrollment	Entering K vs. Exiting 5	Net Annual Migration/ Transfer	Change ECE	Change Pre-K	Change Sp. Ed.
1992 to 93	11	2	9	0	0	0
1993 to 94	-63	-16	-47	0	0	0
1994 to 95	27	2	25	0	0	0
1995 to 96	-1	21	-22	0	0	0
1996 to 97	6	24	-25	7	0	0
1997 to 98	-38	1	-32	-7	0	0
1998 to 99	26	15	11	0	0	0
1999 to 00	3	12	-9	0	0	0
2000 to 01	16	17	-35	0	34	0
2001 to 02	-19	2	13	0	-34	0
2002 to 03	20	4	16	0	0	0
2003 to 04	23	26	-3	0	0	0
2004 to 05	20	9	11	0	0	0
2005 to 06	-3	-15	-8	0	20	0
2006 to 07	-61	-5	-36	0	-20	0
2007 to 08	62	4	1	0	57	0
2008 to 09	56	15	31	0	10	0
2009 to 10	10	-26	17	25	-6	0
2010 to 11	-58	6	-16	-25	-23	0

Table 14

Decomposition of Annual Source of Enrollment Change in Forest Glen Elementary:
September 1992 to September 2011

Transition Year Sept. to Sept.	Change Total Enrollment	Entering K vs. Exiting 5	Net Annual Migration/ Transfer	Change ECE	Change Pre-K	Change Sp. Ed.
1992 to 93	11	17	-1	0	0	-5
1993 to 94	47	25	22	0	0	0
1994 to 95	21	14	7	0	0	0
1995 to 96	0	-7	7	0	0	0
1996 to 97	8	-2	-3	0	13	0
1997 to 98	94	32	52	0	10	0
1998 to 99	25	11	37	0	-23	0
1999 to 00	1	4	-3	0	0	0
2000 to 01	40	14	26	0	0	0
2001 to 02	-38	-10	-41	13	0	0
2002 to 03	6	-3	9	0	0	0
2003 to 04	-23	-16	-6	-1	0	0
2004 to 05	-16	-10	-5	-1	0	0
2005 to 06	-9	-12	-4	7	0	0
2006 to 07	23	-12	31	4	0	0
2007 to 08	-29	-16	-15	2	0	0
2008 to 09	14	-9	24	-1	0	0
2009 to 10	0	-23	0	12	11	0
2010 to 11	43	-8	16	-3	38	0

*Boundary change moves approximately 30 students from Forest Glen to Benjamin Franklin.

Table 15

Decomposition of Annual Source of Enrollment Change in Hadley Junior High:
September 1992 to September 2011

Transition Year Sept. to Sept.	Change Total Enrollment	Entering 6 vs. Exiting 8	Net Annual Migration/ Transfer	Change Sp. Ed.
1992 to 93	-36	25	-137	76
1993 to 94	39	45	50	-56
1994 to 95	7	-14	-23	44
1995 to 96	35	40	59	-64
1996 to 97	-21	-23	2	0
1997 to 98	31	27	4	0
1998 to 99	16	-4	20	0
1999 to 00	46	58	-12	0
2000 to 01	-5	-3	-2	0
2001 to 02	27	38	-11	0
2002 to 03	7	19	-12	0
2003 to 04	29	26	3	0
2004 to 05	17	16	1	0
2005 to 06	-3	5	-8	0
2006 to 07	11	10	1	0
2007 to 08	-13	-18	5	0
2008 to 09	0	21	-21	0
2009 to 10	50	30	20	0
2010 to 11	13	15	-2	0

Table 16

Net Annual Student Migration/Transfer in Abraham Lincoln Elementary:
September 1992 to September 2011

Transition Year Sept. to Sept.	Grade Transition					Total
	K-1	1-2	2-3	3-4	4-5	
1992 to 93	-7	3	3	3	-7	-5
1993 to 94	4	-6	-2	-1	1	-4
1994 to 95	10	1	6	-6	-5	6
1995 to 96	3	-2	-7	6	2	2
1996 to 97	-3	-6	-4	1	0	-12
1997 to 98	6	-4	1	-6	0	-3
1998 to 99	-12	-12	-2	-2	5	-23
1999 to 00	5	6	-5	-4	-2	0
2000 to 01	1	6	-6	-1	2	2
2001 to 02	3	0	6	8	3	20
2002 to 03	-3	10	-4	-4	-1	-2
2003 to 04	7	5	5	-5	2	14
2004 to 05	4	9	-7	-1	5	10
2005 to 06	12	3	-1	3	6	23
2006 to 07	4	-7	0	0	-2	-5
2007 to 08	13	0	-6	7	-2	12
2008 to 09	7	2	3	-1	-6	5
2009 to 10	10	0	2	-1	-3	8
2010 to 11	9	3	4	-4	1	13

Table 17

Net Annual Student Migration/Transfer in Benjamin Franklin Elementary:
September 1992 to September 2011

Transition Year Sept. to Sept.	Grade Transition					Total
	K-1	1-2	2-3	3-4	4-5	
1992 to 93	-4	-7	-3	-4	-2	-20
1993 to 94	-1	-5	-2	-4	-2	-14
1994 to 95	2	-6	-4	-8	0	-16
1995 to 96	6	1	-3	-5	1	0
1996 to 97	-1	3	0	-3	1	0
1997 to 98	3	7	1	5	1	17
1998 to 99	6	1	-13	2	1	-3
1999 to 00	9	-1	2	1	5	16
2000 to 01	-7	2	-3	2	2	-4
2001 to 02	15	8	6	9	6	44
2002 to 03	6	3	1	3	-1	12
2003 to 04	0	-2	2	1	-7	-6
2004 to 05	0	2	-1	4	-4	1
2005 to 06	5	-1	0	1	-4	1
2006 to 07	7	4	-1	6	1	17
2007 to 08	0	-1	0	5	-2	2
2008 to 09	10	7	1	6	3	27
2009 to 10	6	3	-5	3	-3	4
2010 to 11	6	-4	-2	7	2	9

*Boundary change moves approximately 30 students from Forest Glen to Benjamin Franklin.

Table 18

Net Annual Student Migration/Transfer in Churchill Elementary:
September 1992 to September 2011

Transition Year Sept. to Sept.	Grade Transition					Total
	K-1	1-2	2-3	3-4	4-5	
1992 to 93	6	6	0	-8	5	9
1993 to 94	-1	-14	-9	-10	-13	-47
1994 to 95	11	11	9	-6	0	25
1995 to 96	0	-9	-3	-6	-4	-22
1996 to 97	-12	-5	-4	-5	1	-25
1997 to 98	-11	-1	-2	-11	-7	-32
1998 to 99	4	7	-7	-3	10	11
1999 to 00	6	-7	-5	-6	3	-9
2000 to 01	-7	-6	-14	-5	-3	-35
2001 to 02	-2	3	5	6	1	13
2002 to 03	7	4	-2	2	5	16
2003 to 04	8	1	-6	-4	-2	-3
2004 to 05	2	9	0	4	-4	11
2005 to 06	4	-2	-3	-2	-5	-8
2006 to 07	-5	-7	-7	-6	-11	-36
2007 to 08	2	-4	-4	1	6	1
2008 to 09	16	1	3	5	6	31
2009 to 10	3	8	0	-1	7	17
2010 to 11	-1	-8	1	-6	-2	-16

Table 19

Net Annual Student Migration/Transfer in Forest Glen Elementary:
September 1992 to September 2011

Transition Year Sept. to Sept.	Grade Transition					Total
	K-1	1-2	2-3	3-4	4-5	
1992 to 93	1	-1	2	-1	-2	-1
1993 to 94	5	2	7	6	2	22
1994 to 95	10	-2	0	-3	2	7
1995 to 96	9	-3	-2	-1	4	7
1996 to 97	2	-1	-4	2	-2	-3
1997 to 98	18	11	8	5	10	52
1998 to 99	7	9	6	5	10	37
1999 to 00	0	2	2	0	-7	-3
2000 to 01	15	10	-2	5	-2	26
2001 to 02	-8	-8	-12	-6	-7	-41
2002 to 03	-4	6	8	4	-5	9
2003 to 04	4	6	3	-6	-13	-6
2004 to 05	3	-1	5	-5	-7	-5
2005 to 06	3	5	-7	3	-8	-4
2006 to 07	9	-2	15	6	3	31
2007 to 08	1	3	0	-17	-2	-15
2008 to 09	2	4	7	6	5	24
2009 to 10	2	-2	3	0	-3	0
2010 to 11	9	3	3	2	-1	16

*Boundary change moves approximately 30 students from Forest Glen to Benjamin Franklin.

Table 20

Net Annual Student Migration/Transfer in Hadley Junior High:
September 1992 to September 2011

Transition Year Sept. to Sept.	Grade Transition		
	6-7	7-8	Total
1992 to 93	-121	-16	-137
1993 to 94	17	33	50
1994 to 95	-14	-9	-23
1995 to 96	35	24	59
1996 to 97	0	2	2
1997 to 98	-3	7	4
1998 to 99	12	8	20
1999 to 00	-2	-10	-12
2000 to 01	0	-2	-2
2001 to 02	0	-11	-11
2002 to 03	-9	-3	-12
2003 to 04	-5	8	3
2004 to 05	1	0	1
2005 to 06	-6	-2	-8
2006 to 07	-1	2	1
2007 to 08	8	-3	5
2008 to 09	-9	-12	-21
2009 to 10	2	18	20
2010 to 11	5	-7	-2

The Enrollment Future of District 41

As before, the critical question now becomes, what exactly will happen to enrollment in District 41 over the next ten years? Will it remain stable, grow, or decline? Which grade levels will be most impacted? What schools will be most affected? My analysis of recent birth data for the District 41 area, trends in kindergarten enrollments, housing turnover, and student migration/transfer patterns lead me to forecast continuing District enrollment stability for the next seven years, followed by a modest increase thereafter. During the next five years, Abraham Lincoln and Hadley Junior High should remain fairly stable, while Franklin will grow modestly. Churchill will also grow modestly while Forest Glen will decline slightly. Let me now describe the factors underlying these forecasts.

Table 21 provides information on birth trends among residents of Glen Ellyn, Carol Stream, Glendale Heights, Lombard, and Wheaton from 1990 to 2009 (the latest year available). After rising through the mid-1990s, observe that a substantial decline in the number of births to residents of these communities occurred in all villages except Glendale Heights. Most germane, births to residents of Glen Ellyn dropped consistently from a high of 507 in 1995 to just 315 in 2007. Since then, Glen Ellyn's births have increased but still remain well

below those of its residents in the mid-1990s and under those of the 2000 to 2005 period.

These birth trends would suggest that the size of entering kindergarten classes for the District as a whole should decline for at least the next three years. However, given the large number of residents at or approaching retirement age (see Table 2), solid empty-nest housing turnover is expected to continue. My professional judgment is that additional student in-migration will mitigate the lower births to residents keeping future kindergarten enrollment fairly stable for the District as a whole, perhaps even edging them up down the road.

Since the District is nearly built-out residentially, there are no anticipated large new housing developments. Based on input from various village planners, District staff assembled information between 2011 and 2020 on new housing developments for each attendance area, including teardowns and rebuilds. Churchill is expected to exhibit the most new development with approximately five single-family units anticipated annually through 2016. Only a small amount of scattered single-family unit construction is anticipated in the other elementary attendance areas along with some continuing teardowns and rebuilds.

As just noted, though, given the growing number of residents over age 65 in Glen Ellyn and other nearby villages' housing turnover from empty-nesters to younger families should keep net student migration to District 41 on the positive

side. Thus, despite limited new housing construction potential in District 41, modest overall population growth is expected.

This prognostication is corroborated by population forecasts provided by the Northeastern Illinois Planning Commission (NIPC) and its renamed Chicago Metropolitan Agency for Planning (CMAP) for these communities. The NIPC and CMAP forecasts are presented in Table 22 and indicate that modest growth Glen Ellyn's population is to be expected. Similar modest growth is likewise forecasted for neighboring villages. Note, however, that the CMPA 2010 figures are considerably above the 2010 Census results for the villages shown in Table 2.

In projecting enrollment for District 41, two sets of interrelated factors play central causal roles. The first is future fertility rates and resulting family sizes. Any changes in fertility rates during the next five years will not affect enrollment projections until after school year 2016–17 because children who will be reaching kindergarten during the next five years are already born. Fertility rate changes during the next five years could affect elementary school enrollments, beginning with school year 2017–18. However, recent demographic surveys of middle-income young adults do not lead one to expect significant changes in their fertility rates during the next five years. For this reason, all projections will assume that fertility rates remain near existing levels through 2016, though if the Hispanic population continues to increase, births to residents could go up again.

The second, and most critical factor for future enrollment in the schools is net student in-migration resulting from new housing development in the District and turnover of existing housing units. New housing development, as noted, likely will be modest. Future net student migration therefore will be driven by housing turnover. For this reason, three sets of enrollment projections will be provided for the District and Hadley Junior High School through 2021-22 and individual elementary schools through 2016-17. These projections will be presented in the form of separate series, based on the following assumptions:

- Series A* Enrollment projection assuming future fertility rates remain constant (through 2016) and that new housing development, housing turnover and resulting in-migration of families with preschool age and school age children *are less than currently anticipated* through 2021-22;
- Series B* Enrollment projection assuming future fertility rates remain constant (through 2016) and that new housing development, housing turnover and resulting in-migration of families with preschool age and school age children *occur as currently anticipated* through 2021-22;
- Series C* Enrollment projection assuming future fertility rates remain constant (through 2016) and that new housing development, housing turnover and resulting in-migration of families with preschool age and school age children *are greater than currently anticipated* through 2021-22.

The basic methodology used to make the three series of enrollment projections is a modified cohort survival procedure. Average cohort progression factors were computed for each grade transition for the past four years based on each school's migration/transfer figures shown previously. These average

progression factors were adjusted for outliers in any given year and then applied to compute baseline enrollment projections (via conventional cohort survival techniques) for the District. The sizes of future entering kindergarten classes were estimated using trends in resident birth registration data, student migration patterns, and anticipated new housing development and housing turnover during the coming decade.

The next step was to adjust projected enrollment each year in grades 1 through 8 for possible alterations in housing development and turnover. To obtain the Series B modified enrollment projections, it was assumed that the Churchill area would see modest new development and the other areas even less and that housing turnover would mirror that of the past four years in all four elementary school attendance areas. Series A projections were made using similar methods but with student in-migration resulting from any new development and from housing turnover deflated by approximately 15 percent. Series C assumes a 15 percent increase in the amount of future in-migration of families with preschool and school age children to the District from greater new housing development and housing turnover than currently anticipated.

Early childhood and pre-kindergarten special education classes are extremely difficult to forecast. My experience with numerous districts in the Chicago suburban area suggests that such enrollment change is not correlated with any school district attribute. For the present projections, it will be assumed

that pre-K enrollments will roughly track kindergarten and overall enrollment trends.

Table 21

Births to Residents of Glen Ellyn School District 41

Year	Glen Ellyn	Carol Stream	Glendale Heights	Lombard	Wheaton
1990	405	879	563	654	822
1991	434	888	571	658	766
1992	450	908	555	639	803
1993	427	855	526	696	819
1994	469	848	570	697	806
1995	507	879	578	633	836
1996	505	791	572	763	804
1997	492	808	515	661	722
1998	473	720	541	640	742
1999	471	644	558	604	729
2000	452	691	566	609	711
2001	447	665	628	673	678
2002	416	568	601	585	650
2003	414	629	607	569	688
2004	386	558	583	590	625
2005	393	577	605	599	623
2006	347	511	621	587	623
2007	315	582	639	575	593
2008	384	522	620	617	570
2009	360	555	582	580	558

Source: Illinois Department of Public Health. Automated Vital Records System.

Table 22

Population and Household Forecasts for Villages Served by
Glen Ellyn School District 41: 2000 to 2030 and 2010 to 2040

Population 2000 to 2030				
Village	2000 ^a	2030 ^b	Change	% Change
Glen Ellyn	26,999	32,291	5,292	19.6%
Carol Stream	40,438	41,604	1,166	2.9%
Glendale Heights	31,765	35,059	3,294	10.4%
Lombard	42,322	50,618	8,296	19.6%
Wheaton	55,416	61,960	6,544	11.8%
Households 2000 to 2030				
Village	2000 ^a	2030 ^b	Change	% Change
Glen Ellyn	10,207	12,303	2,096	20.5%
Carol Stream	13,872	14,765	893	6.4%
Glendale Heights	10,791	11,661	870	8.1%
Lombard	16,487	20,527	4,040	24.5%
Wheaton	19,377	19,653	276	1.4%
Population 2010 to 2040				
Village	2010 ^c	2040 ^c	Change	% Change
Glen Ellyn	33,042	38,489	5,447	16.5%
Carol Stream	42,844	48,441	5,596	13.1%
Glendale Heights	35,030	41,162	6,132	17.5%
Lombard	49,320	58,883	9,563	19.4%
Wheaton	59,289	63,864	4,575	7.7%
Households 2010 to 2040				
Village	2010 ^c	2040 ^c	Change	% Change
Glen Ellyn	12,537	14,710	2,173	17.3%
Carol Stream	14,211	16,048	1,837	12.9%
Glendale Heights	11,718	13,310	1,592	13.6%
Lombard	19,280	22,588	3,308	17.2%
Wheaton	22,008	24,052	2,044	9.3%

Source: ^aU.S. Bureau of the Census. Decennial Census of Population and Housing, 2000. ^bNortheastern Illinois Planning Commission. 2030 Forecasts of Population, Households and Employment by County and Municipality. September 27, 2006. U.S. ^cChicago Metropolitan Agency for Planning. 2040 Forecast of Population, Households and Employment, adopted on 13 October 2010.

Enrollment Projections

Tables 23 through 34 provide the grade by grade and year by year projections through school year 2016-17 for each of the four elementary schools under the Series A, Series B, and Series C assumptions. Because the precise annual projected number for every school by grade may be observed in their respective tables, I will comment only on projected total enrollment at each school, focusing on Series B, which I believe is the most likely.

If housing turnover and family in-migration occur as anticipated in each elementary school attendance area, the Series B projections show that Abraham Lincoln, currently at 615 students, will dip slightly next year to 610 then climb to 637 students in school year 2015-16. Benjamin Franklin School is projected to decline from 586 students at present to 531 students in 2014-15 then edge back up to 545 student in 2016-17. Churchill is projected to jump to 671 students next year from its current 633 enrollment. Churchill will rise again in 2013-14 to 685 students and after a modest dip climb to 690 students in 2016-17.

Churchill has been experiencing bouncing kindergarten enrollments in recent years which makes predicting its future kindergarten counts extremely risky. This attendance area has also experienced a greater influx of Hispanic and Asian students. Its Hispanic resident growth, in particular, has the potential to

push future enrollment at Churchill above Series B. Appendix B shows the trends in race/ethnicity for the District and individual schools between 1999 and 2011.

The District's fourth elementary school, Forest Glen, should decline next year to 575 from 590 at present. Its enrollment should then stabilize through 2016-17.

Under the most likely Series B assumptions, enrollment at the Hadley Junior High School will rise next year to 1,233 students from 1,211 this past fall, then fluctuate around 1,200 students for the following four years. Hadley's enrollment will then dip to 1,149 students in 2018-19 before rebounding back to 1,208 students in 2021-22 (see Table 36). If housing turnover and student in-migration slow below that currently anticipated, Series A projections (Table 35) show that Hadley's total enrollment will still rise to 1,215 students next year, then decline to 1,078 students in 2016-17 and stabilize at just under that number through 2021-22. Under accelerated family in-migration assumptions (Series C, Table 37), enrollment at Hadley will climb to 1,352 students in 2021-22.

A professional caveat should be noted regarding enrollment projections beyond school year 2016-17. At the junior high school level, projections for the next five years can be made with more confidence than the five years following 2016-17, since most students who will enter the junior high school through 2016-17 are already enrolled in the elementary feeder schools. Afterward, we are

projecting many students yet to even register in District 41 elementary schools. For the elementary schools themselves, projections beyond 2016–17 would include students yet to be even conceived. It is for this reason that I projected individual elementary schools only to 2016–17. Projections thereafter are provided, however, for the aggregate elementary school enrollment in District 41.

Another caveat is the difficulty of estimating future kindergarten enrollments in elementary schools such as Churchill and Lincoln where kindergarten enrollments have fluctuated substantially in recent years. In these cases, I have smoothed the fluctuations and used best professional judgment in making future kindergarten class size estimates.

Tables 38, 39, and 40 present, respectively, the Series A, Series B, and Series C projections, by year and by grade, for the District as a whole through school year 2021–22. It should be noted that these district-wide projections were made independently of the individual elementary school projections, so the sums of schools will not match the district totals, though they will be quite close for Series B. Series A and Series C projections at the district level will be, respectively, higher and lower than the Series A and Series C sums for the elementary schools since it is assumed that not all schools will simultaneously follow Series A or Series C.

If future housing turnover and student in-migration are less than anticipated, Table 38 reveals that total District enrollment (including ECE and pre-K) will decline from 3,635 this year to 3,317 students in 2018-19 before stabilizing slightly above this number. While the Series A projections may be considered too conservative by many, they should not be dismissed out of hand. If we slip back into a recession or if mortgage interest rates climb considerably, Series A could become reality.

Should new housing development, housing turnover and resulting student in-migration occur as we anticipate, the Series B projections presented in Table 39 show that total District enrollment will remain stable near its current 3,635 count through 2018-19. After that year, total enrollment will slowly grow, reaching 3,695 students in 2021-22. To repeat, it is my professional judgment that Series B is the most likely set of projections for the District as well as for the individual schools.

If the future new housing development, housing turnover and resulting student in-migration exceed current expectations, Series C projections presented in Table 40 show total District enrollment climbing to 4,047 students in 2021-22. This accelerated growth projection is the absolute maximum number of students that can possibly be foreseen for District 41.

Figure 1 charts the actual and projected total District 41 enrollments between 1992-93 and 2021-22 under the Series A, Series B, and Series C

assumptions. Figures 2 and 3 provide analogous historical enrollment trends and the Series A, Series B, and Series C projections for total elementary school (grades K-5) and junior high school (grades 6-8) through school year 2021-22.

Concluding Remarks

As I noted in my prior report, no demographer has a crystal ball. In this report, I have assembled the best information presently available and applied professional techniques and judgment to project enrollment for District 41 schools. These projections should be monitored and updated regularly to ensure that policy decisions are based on the latest and most reliable figures. At this time, it is my hope that the projections and other demographic information contained in this report will be helpful to the District 41 Board of Education, administrators, teachers, and concerned citizens as plans are made for future space and staff needs for District 41 schools.

John D. Kasarda, Ph.D.
Chapel Hill, North Carolina
February 2012

Table 23

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2016) and both Turnover of Existing Housing Units and Future New Residential Development *Are Less than Anticipated* through 2016–12

Abraham Lincoln Elementary

<i>Series A Projection</i>						
Grade	2011–12	2012–13	2013–14	2014–15	2015–16	2016–17
K	92	88	90	91	88	89
1	109	98	94	96	97	94
2	94	109	98	94	96	97
3	116	94	109	98	94	96
4	94	112	90	105	94	90
5	110	90	108	86	101	90
K–5	615	591	589	570	570	556
ECE	0	0	0	0	0	0
Pre-K	0	0	0	0	0	0
Total	615	591	589	570	570	556

Table 24

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2016) and both Turnover of Existing Housing Units and Future New Residential Development *Occur as Anticipated* through 2016–12

Abraham Lincoln Elementary

<i>Series B Projection</i>						
Grade	2011–12	2012–13	2013–14	2014–15	2015–16	2016–17
K	92	95	98	99	97	99
1	109	101	104	107	108	106
2	94	111	103	106	109	110
3	116	97	114	106	109	112
4	94	114	95	112	104	107
5	110	92	112	93	110	102
K–5	615	610	626	623	637	636
ECE	0	0	0	0	0	0
Pre-K	0	0	0	0	0	0
Total	615	610	626	623	637	636

Table 25

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2016) and both Turnover of Existing Housing Units and Future New Residential Development *Are Greater than Anticipated* through 2016–17

Abraham Lincoln Elementary

<i>Series C Projection</i>						
Grade	2011–12	2012–13	2013–14	2014–15	2015–16	2016–17
K	92	101	103	105	103	105
1	109	104	113	115	117	115
2	94	113	108	117	119	121
3	116	99	118	113	122	124
4	94	116	99	118	113	122
5	110	95	117	100	119	114
K–5	615	628	658	668	693	701
ECE	0	0	0	0	0	0
Pre-K	0	0	0	0	0	0
Total	615	628	658	668	693	701

Table 26

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2016) and both Turnover of Existing Housing Units and Future New Residential Development *Are Less than Anticipated* through 2016–12

Benjamin Franklin Elementary

<i>Series A Projection</i>						
Grade	2011–12	2012–13	2013–14	2014–15	2015–16	2016–17
K	81	78	82	78	80	79
1	78	84	81	85	81	83
2	91	78	84	81	85	81
3	107	87	74	80	77	81
4	98	110	90	77	83	80
5	131	97	109	89	76	82
K–5	586	534	520	490	482	486
ECE	0	0	0	0	0	0
Pre-K	0	0	0	0	0	0
Total	586	534	520	490	482	486

Table 27

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2016) and both Turnover of Existing Housing Units and Future New Residential Development *Occur as Anticipated* through 2016–12

Benjamin Franklin Elementary

<i>Series B Projection</i>						
Grade	2011–12	2012–13	2013–14	2014–15	2015–16	2016–17
K	81	83	86	83	85	84
1	78	87	89	92	89	91
2	91	80	89	91	94	91
3	107	89	78	87	89	92
4	98	112	94	83	92	94
5	131	99	113	95	84	93
K–5	586	550	549	531	533	545
ECE	0	0	0	0	0	0
Pre-K	0	0	0	0	0	0
Total	586	550	549	531	533	545

Table 28

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2016) and both Turnover of Existing Housing Units and Future New Residential Development *Are Greater than Anticipated* through 2016–17

Benjamin Franklin Elementary

<i>Series C Projection</i>						
Grade	2011–12	2012–13	2013–14	2014–15	2015–16	2016–17
K	81	88	90	87	90	89
1	78	90	97	99	96	99
2	91	82	94	101	103	100
3	107	91	82	94	101	103
4	98	114	98	89	101	108
5	131	101	117	101	92	104
K–5	586	566	578	571	583	603
ECE	0	0	0	0	0	0
Pre-K	0	0	0	0	0	0
Total	586	566	578	571	583	603

Table 29

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2016) and both Turnover of Existing Housing Units and Future New Residential Development *Are Less than Anticipated* through 2016–12

Churchill Elementary

<i>Series A Projection</i>						
Grade	2011–12	2012–13	2013–14	2014–15	2015–16	2016–17
K	120	92	96	95	100	96
1	84	119	91	95	94	99
2	116	81	116	88	92	91
3	117	115	80	115	87	91
4	92	113	111	76	111	83
5	66	92	113	111	76	111
K–5	595	612	607	580	560	571
ECE	0	0	0	0	0	0
Pre-K	38	34	34	35	34	35
Total	633	646	641	615	594	606

Table 30

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2016) and both Turnover of Existing Housing Units and Future New Residential Development *Occur as Anticipated* through 2016–12

Churchill Elementary

<i>Series B Projection</i>						
Grade	2011–12	2012–13	2013–14	2014–15	2015–16	2016–17
K	120	98	103	102	107	101
1	84	124	102	107	106	111
2	116	83	123	101	106	105
3	117	117	84	124	102	107
4	92	116	116	83	123	101
5	66	95	119	119	86	126
K–5	595	633	647	636	630	651
ECE	0	0	0	0	0	0
Pre-K	38	38	38	40	38	39
Total	633	671	685	676	668	690

Table 31

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2016) and both Turnover of Existing Housing Units and Future New Residential Development *Are Greater than Anticipated* through 2016–17

Churchill Elementary

<i>Series C Projection</i>						
Grade	2011–12	2012–13	2013–14	2014–15	2015–16	2016–17
K	120	112	116	115	122	118
1	84	128	120	124	123	130
2	116	86	130	122	126	125
3	117	119	89	133	125	129
4	92	118	120	90	134	126
5	66	97	123	125	95	139
K–5	595	660	698	709	725	767
ECE	0	0	0	0	0	0
Pre-K	38	45	45	48	46	47
Total	633	705	743	757	771	814

Table 32

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2016) and both Turnover of Existing Housing Units and Future New Residential Development *Are Less than Anticipated* through 2016–12

Forest Glen Elementary

<i>Series A Projection</i>						
Grade	2011–12	2012–13	2013–14	2014–15	2015–16	2016–17
K	71	70	70	68	72	69
1	78	72	71	71	69	73
2	91	77	71	70	70	68
3	82	93	79	73	72	72
4	81	83	94	80	74	73
5	106	79	81	92	78	72
K–5	509	474	466	454	435	427
ECE	32	36	35	37	35	36
Pre-K	49	42	41	43	41	42
Total	590	552	542	534	511	505

Table 33

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2016) and both Turnover of Existing Housing Units and Future New Residential Development *Occur as Anticipated* through 2016–12

Forest Glen Elementary

<i>Series B Projection</i>						
Grade	2011–12	2012–13	2013–14	2014–15	2015–16	2016–17
K	71	73	75	73	77	74
1	78	75	77	79	77	81
2	91	79	76	78	80	78
3	82	95	83	80	82	84
4	81	85	98	86	83	85
5	106	81	85	98	86	83
K–5	509	488	494	494	485	485
ECE	32	40	39	41	40	40
Pre-K	49	47	46	48	47	47
Total	590	575	579	583	572	572

Table 34

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2016) and both Turnover of Existing Housing Units and Future New Residential Development *Are Greater than Anticipated* through 2016–17

Forest Glen Elementary

<i>Series C Projection</i>						
Grade	2011–12	2012–13	2013–14	2014–15	2015–16	2016–17
K	71	72	79	78	82	80
1	78	78	79	86	85	89
2	91	81	81	82	89	88
3	82	97	87	87	88	95
4	81	87	102	92	92	93
5	106	83	89	104	94	94
K–5	509	498	517	529	530	539
ECE	32	44	44	46	45	46
Pre-K	49	52	51	54	53	53
Total	590	594	612	629	628	638

Table 35

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2016) and both Turnover of Existing Housing Units and Future New Residential Development *Are Less than Anticipated* through 22021–22

Hadley Junior High

<i>Series A Projection</i>											
Grade	2011–12	2012–13	2013–14	2014–15	2015–16	2016–17	2017–18	2018–19	2019–20	2020–21	2021–22
6	397	411	358	412	382	337	369	347	361	352	363
7	418	393	407	354	408	378	335	367	345	359	350
8	396	411	386	400	347	401	374	331	363	341	355
Total	1,211	1,215	1,151	1,166	1,137	1,116	1,078	1,045	1,069	1,052	1,068

Table 36

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2016) and both Turnover of Existing Housing Units and Future New Residential Development *Occur as Anticipated* through 2021–22

Hadley Junior High

<i>Series B Projection</i>											
Grade	2011–12	2012–13	2013–14	2014–15	2015–16	2016–17	2017–18	2018–19	2019–20	2020–21	2021–22
6	397	417	368	427	401	362	398	388	404	396	407
7	418	399	419	370	429	403	363	399	389	405	397
8	396	417	398	418	369	428	402	362	398	388	404
Total	1,211	1,233	1,185	1,215	1,199	1,193	1,163	1,149	1,191	1,189	1,208

Table 37

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2016) and both Turnover of Existing Housing Units and Future New Residential Development *Are Greater than Anticipated* through 2021–22

Hadley Junior High

<i>Series C Projection</i>											
Grade	2011–12	2012–13	2013–14	2014–15	2015–16	2016–17	2017–18	2018–19	2019–20	2020–21	2021–22
6	397	422	378	441	419	385	427	435	450	441	451
7	418	404	429	385	448	426	389	431	439	454	445
8	396	422	408	433	389	452	428	391	433	441	456
Total	1,211	1,248	1,215	1,259	1,256	1,263	1,244	1,257	1,322	1,336	1,352

Table 38

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2016) and both Turnover of Existing Housing Units and Future New Residential Development *Are Less than Anticipated* through 2021–22

Glen Ellyn School District 41

<i>Series A Projection</i>											
Grade	2011–12	2012–13	2013–14	2014–15	2015–16	2016–17	2017–18	2018–19	2019–20	2020–21	2021–22
K	364	340	352	342	350	341	351	343	345	348	345
1	349	380	356	368	358	366	360	370	362	364	367
2	392	347	378	354	366	356	367	361	371	363	365
3	422	392	347	378	354	366	357	368	362	372	364
4	365	419	389	344	375	351	365	356	367	361	371
5	413	360	414	384	339	370	348	362	353	364	358
6	397	411	358	412	382	337	369	347	361	352	363
7	418	393	407	354	408	378	335	367	345	359	350
8	396	411	386	400	347	401	374	331	363	341	355
K–5	2,305	2,238	2,236	2,170	2,142	2,150	2,148	2,160	2,160	2,172	2,170
6–8	1,211	1,215	1,151	1,166	1,137	1,116	1,078	1,045	1,069	1,052	1,068
K–8	3,516	3,453	3,387	3,336	3,279	3,266	3,226	3,205	3,229	3,224	3,238
ECE	32	36	35	36	35	36	35	36	36	36	36
Pre-K	87	77	75	77	75	77	75	76	77	76	77
Total	3,635	3,566	3,497	3,449	3,389	3,379	3,336	3,317	3,342	3,336	3,351

Table 39

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2016) and both Turnover of Existing Housing Units and Future New Residential Development *Occur as Anticipated* through 2021–22

Glen Ellyn School District 41

<i>Series B Projection</i>											
Grade	2011–12	2012–13	2013–14	2014–15	2015–16	2016–17	2017–18	2018–19	2019–20	2020–21	2021–22
K	364	354	370	362	373	364	375	367	369	373	371
1	349	386	376	392	384	395	386	397	389	391	395
2	392	353	390	380	396	388	399	390	401	393	395
3	422	396	357	394	384	400	392	403	394	405	397
4	365	424	398	359	396	386	402	394	405	396	407
5	413	364	423	397	358	395	385	401	393	404	395
6	397	417	368	427	401	362	398	388	404	396	407
7	418	399	419	370	429	403	363	399	389	405	397
8	396	417	398	418	369	428	402	362	398	388	404
K–5	2,305	2,277	2,314	2,284	2,291	2,328	2,339	2,352	2,351	2,362	2,360
6–8	1,211	1,233	1,185	1,215	1,199	1,193	1,163	1,149	1,191	1,189	1,208
K–8	3,516	3,510	3,499	3,499	3,490	3,521	3,502	3,501	3,542	3,551	3,568
ECE	32	40	39	41	40	41	40	40	41	40	41
Pre-K	87	86	84	86	84	87	85	85	86	86	86
Total	3,635	3,636	3,622	3,626	3,614	3,649	3,627	3,626	3,669	3,677	3,695

Table 40

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2016) and both Turnover of Existing Housing Units and Future New Residential Development *Are Greater than Anticipated* through 22021–22

Glen Ellyn School District 41

<i>Series C Projection</i>											
Grade	2011–12	2012–13	2013–14	2014–15	2015–16	2016–17	2017–18	2018–19	2019–20	2020–21	2021–22
K	364	374	390	382	394	386	397	392	395	399	397
1	349	394	404	420	412	424	411	422	417	420	424
2	392	358	403	413	429	421	431	418	429	424	427
3	422	400	366	411	421	437	428	438	425	436	431
4	365	428	406	372	417	427	442	433	443	430	441
5	413	369	432	410	376	421	429	444	435	445	432
6	397	422	378	441	419	385	427	435	450	441	451
7	418	404	429	385	448	426	389	431	439	454	445
8	396	422	408	433	389	452	428	391	433	441	456
K–5	2,305	2,323	2,401	2,408	2,449	2,516	2,538	2,547	2,544	2,554	2,552
6–8	1,211	1,248	1,215	1,259	1,256	1,263	1,244	1,257	1,322	1,336	1,352
K–8	3,516	3,571	3,616	3,667	3,705	3,779	3,782	3,804	3,866	3,890	3,904
ECE	32	45	44	45	44	45	45	45	46	45	46
Pre-K	87	95	93	96	94	96	95	96	97	96	97
Total	3,635	3,711	3,753	3,808	3,843	3,920	3,922	3,945	4,009	4,031	4,047

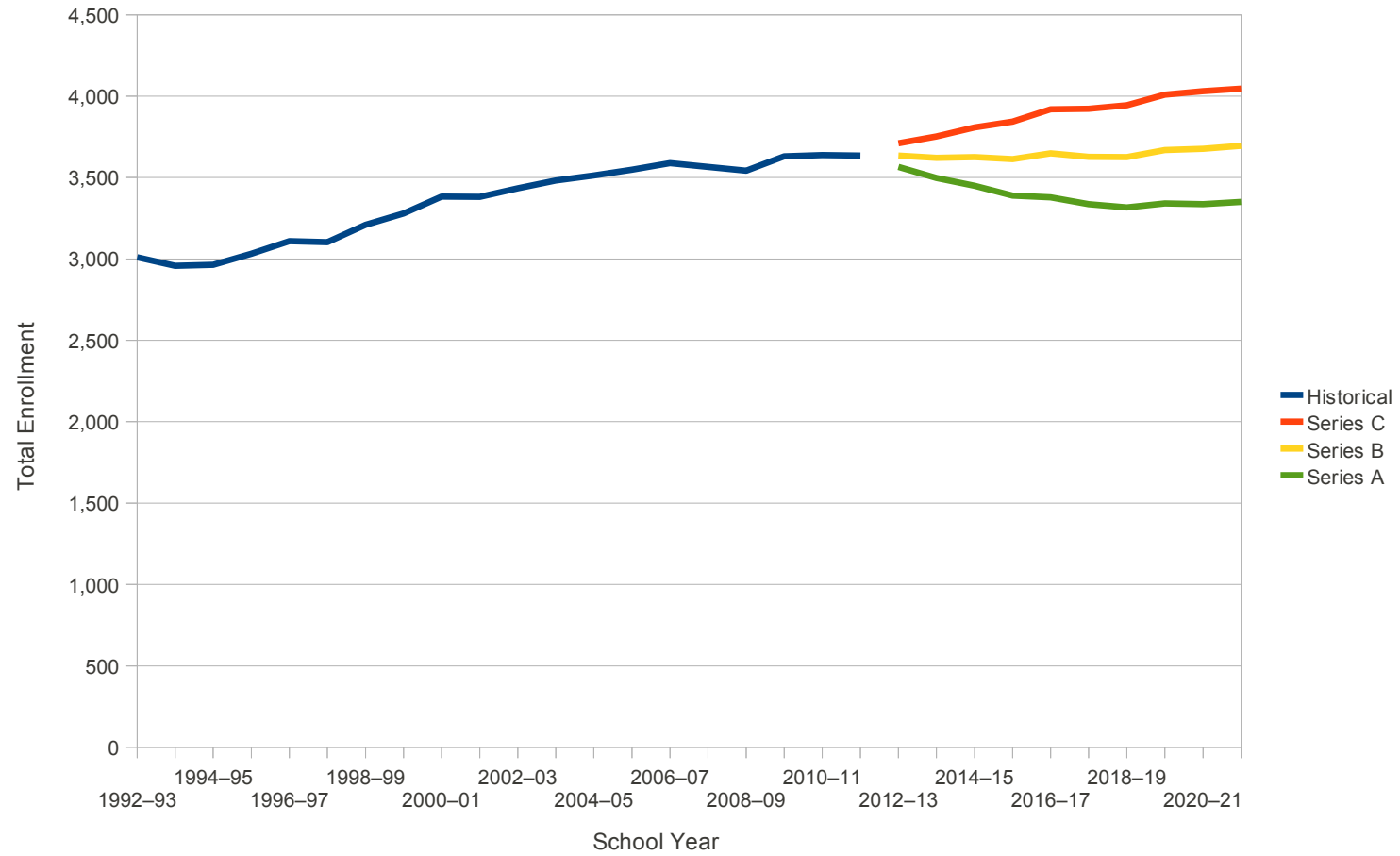


Figure 1. Total Enrollment for District 41: Historical (1992-93 to 2011-12) and Projected (2012-13 to 2021-22) under Series A, Series B, and Series C Assumptions

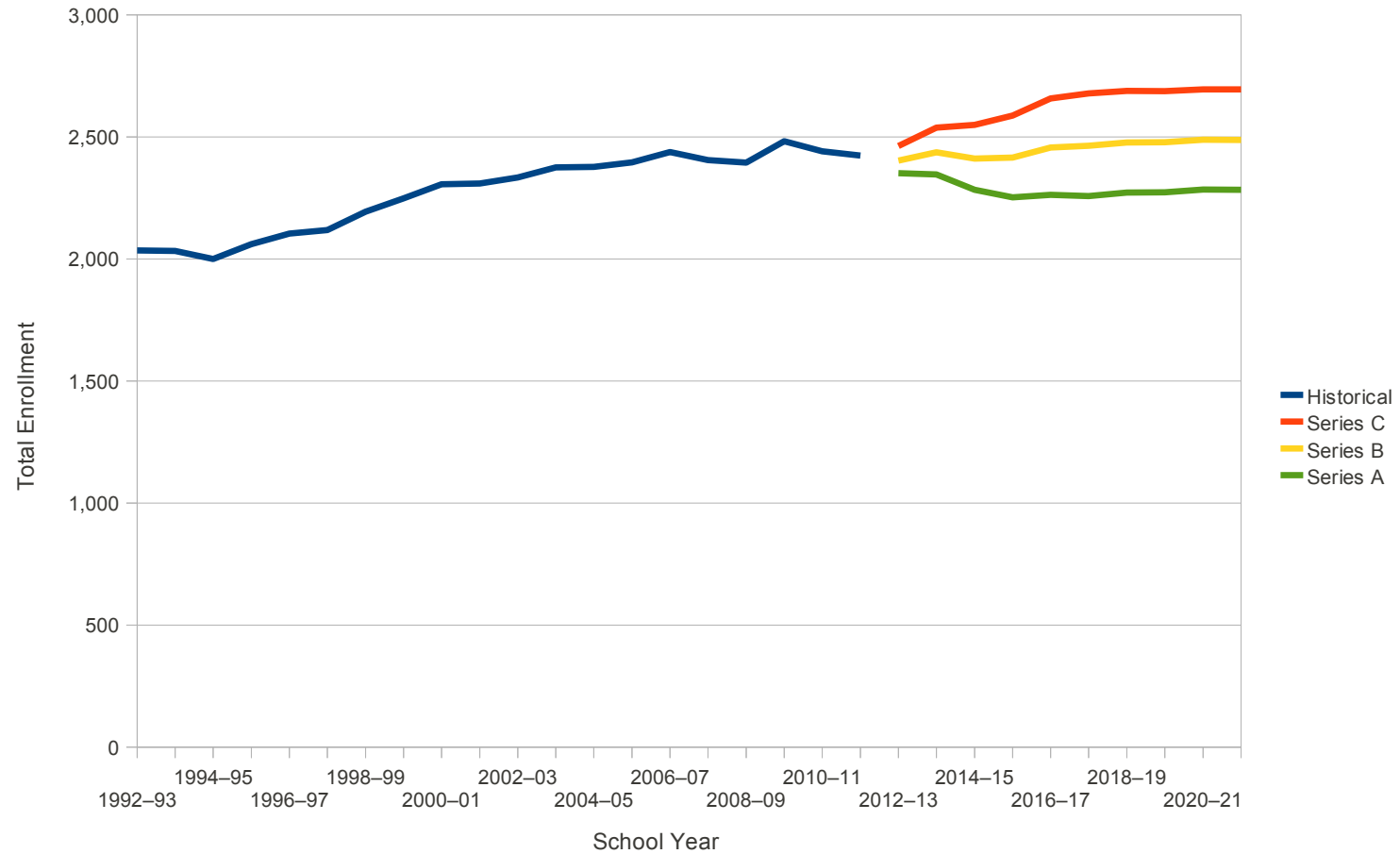


Figure 2. Total Elementary School Enrollment for District 41: Historical (1992-93 to 2011-12) and Projected (2012-13 to 2021-22) under Series A, Series B, and Series C Assumptions

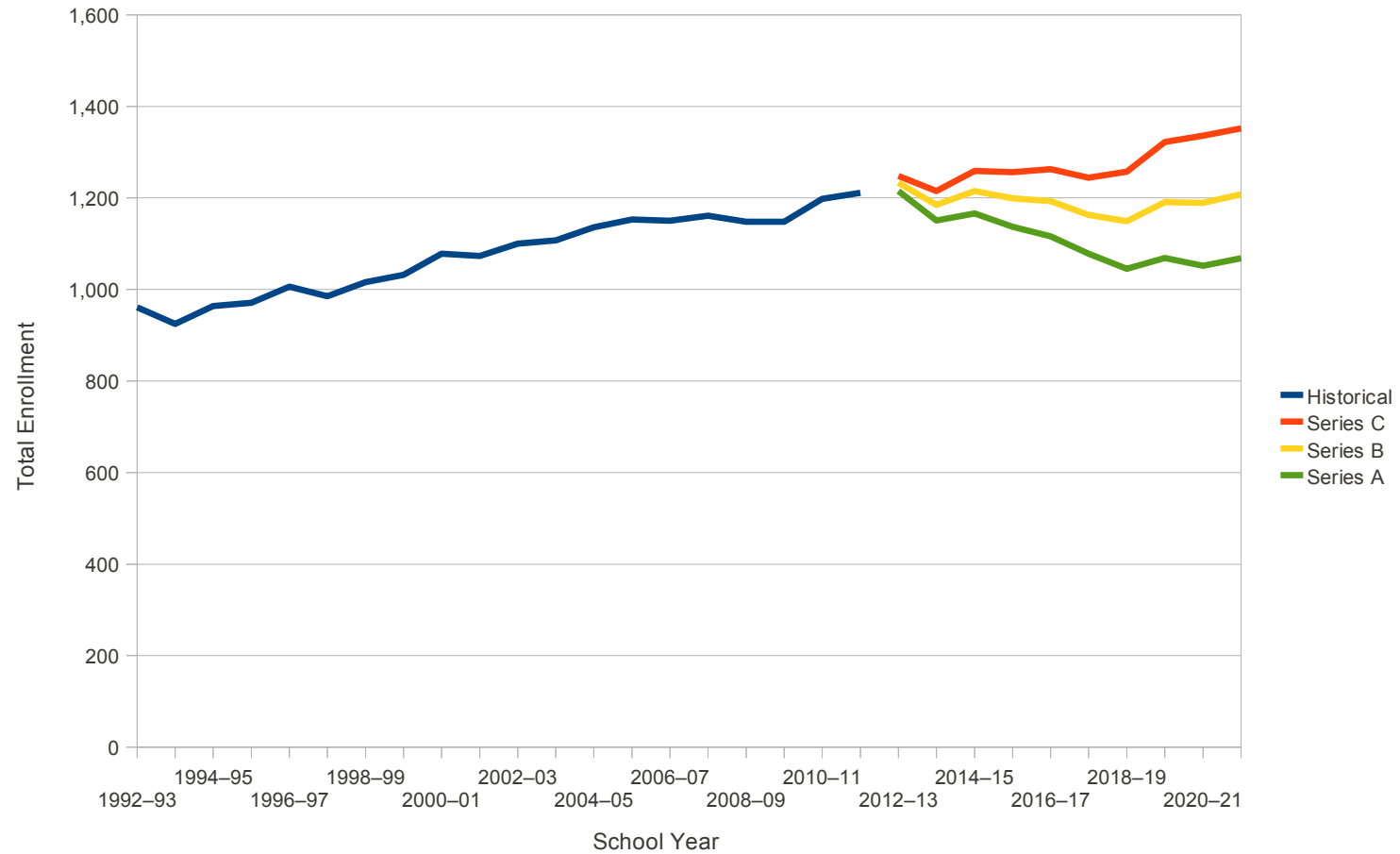
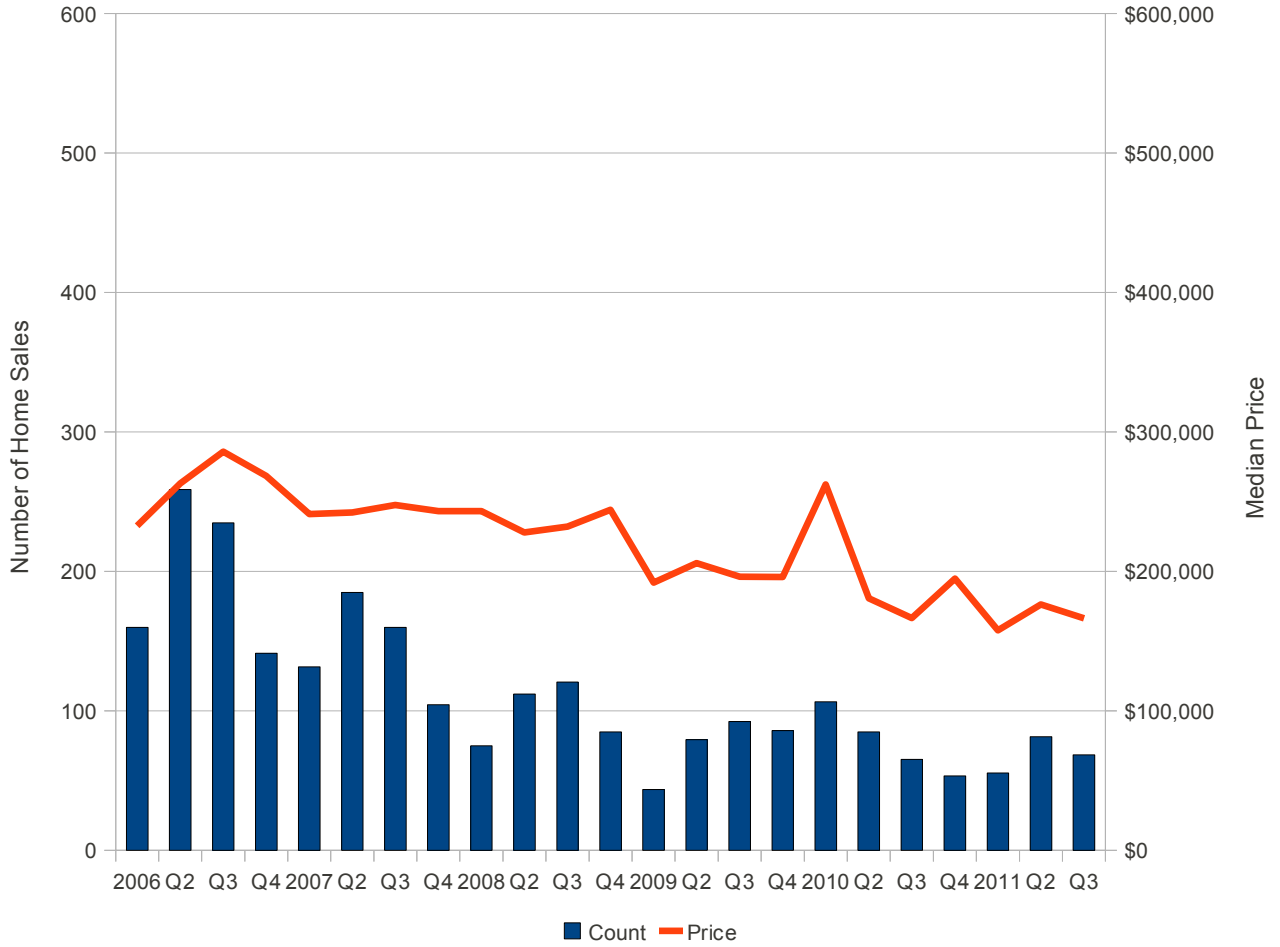


Figure 3. Total Junior High School Enrollment for District 41: Historical (1992-93 to 2011-12) and Projected (2012-13 to 2021-22) under Series A, Series B, and Series C Assumptions

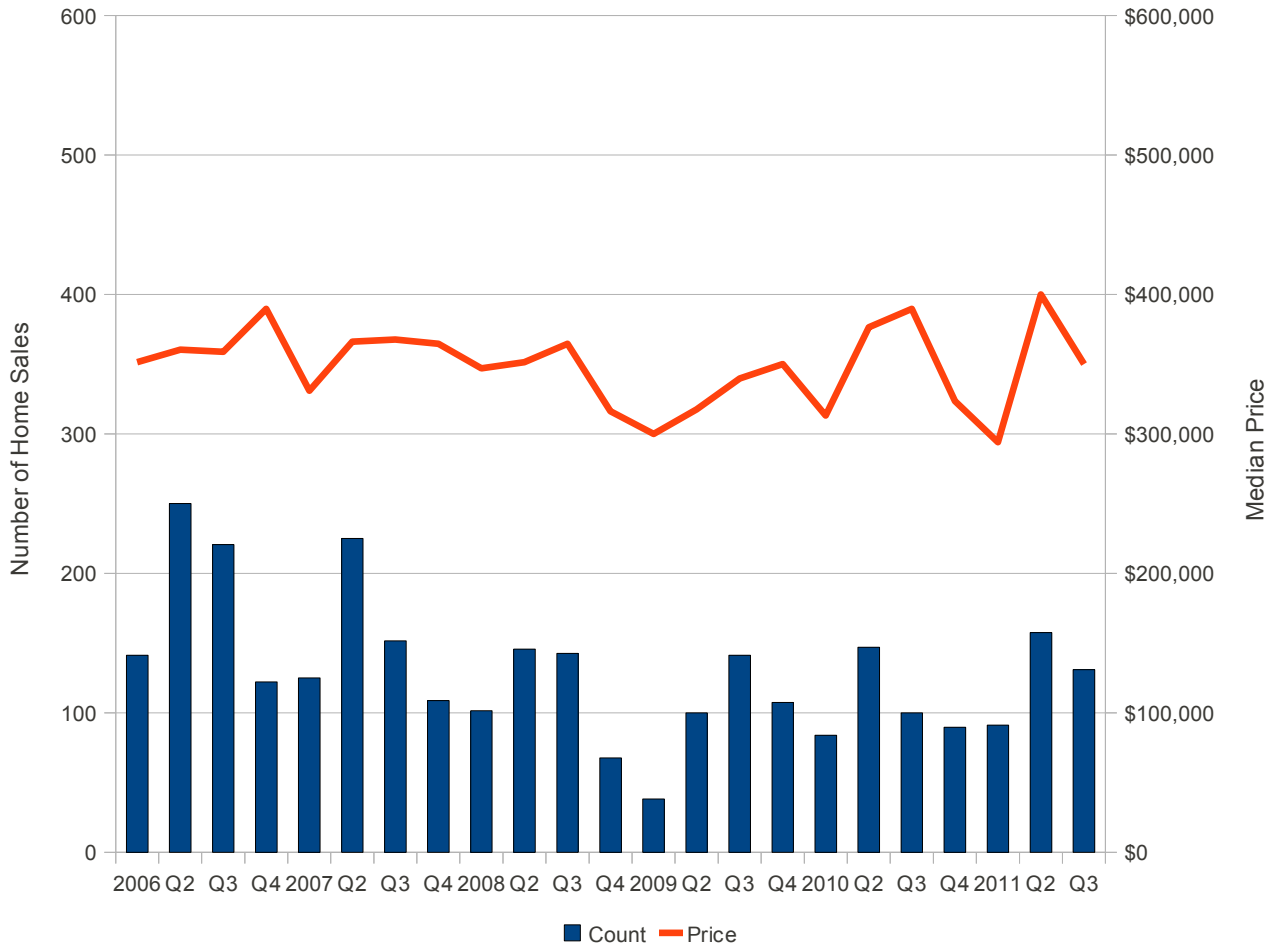
Appendix A

**Home Sales
in
Municipalities Served
by
Glen Ellyn School District 41**

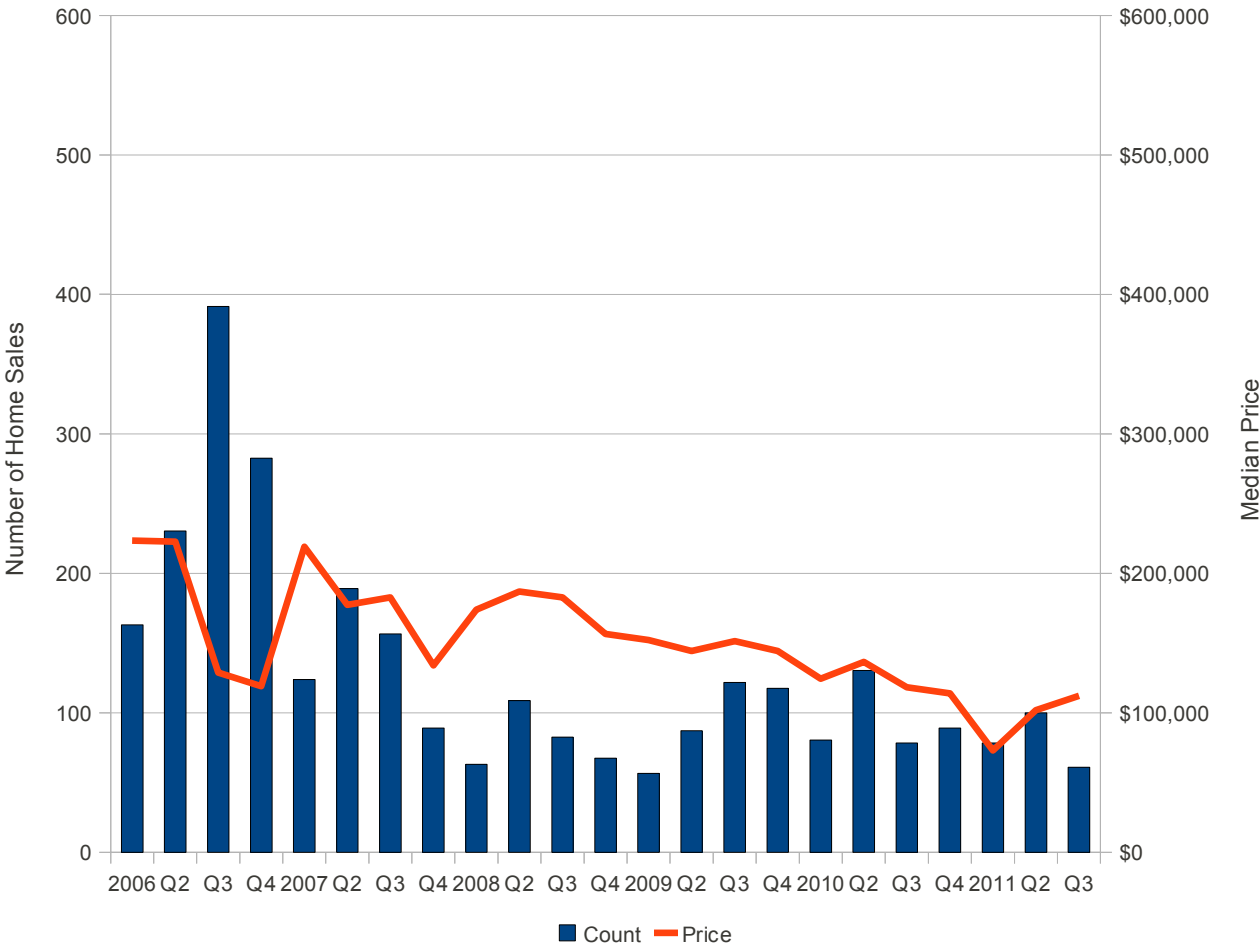
Carol Stream



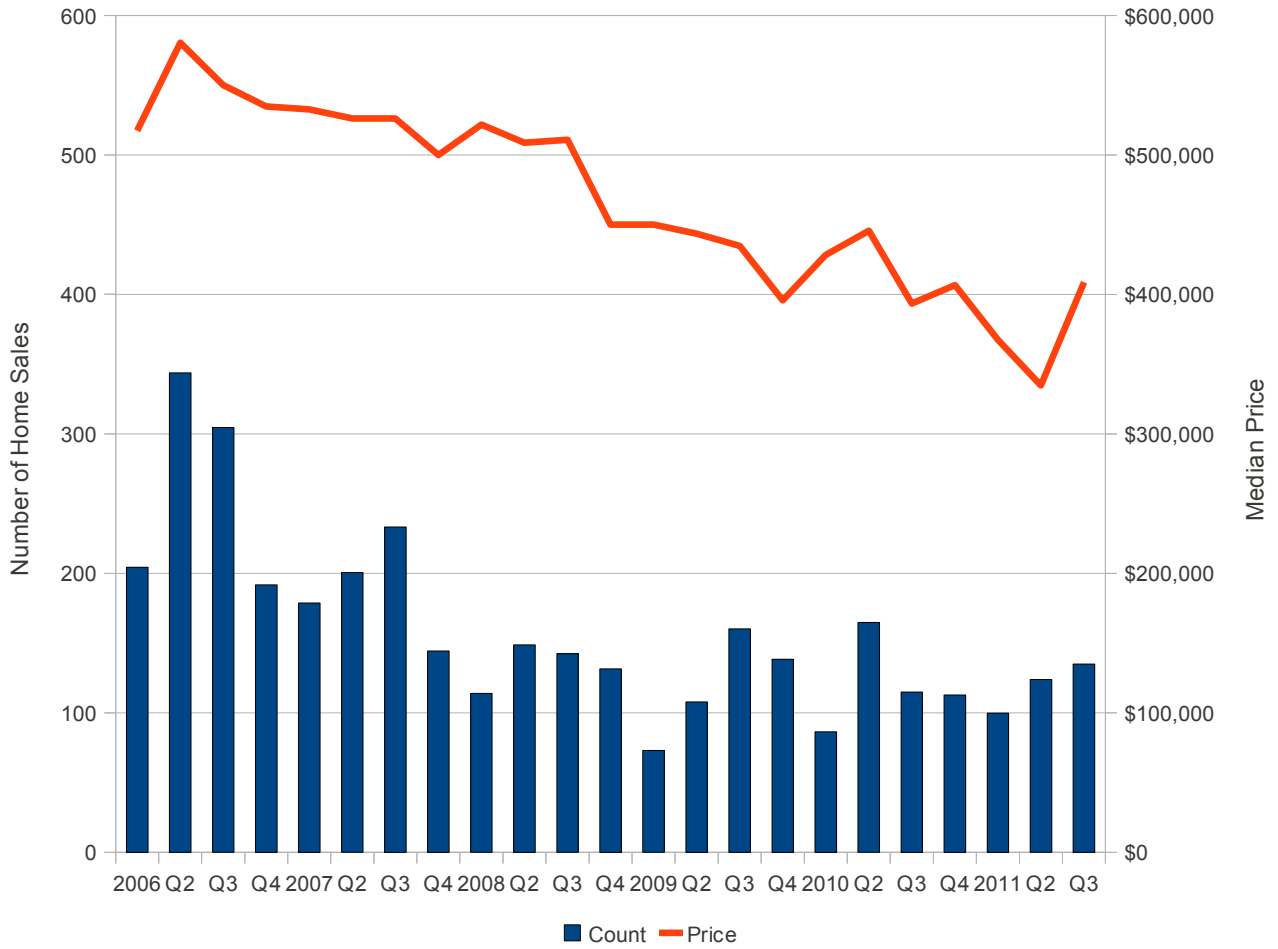
Glen Ellyn



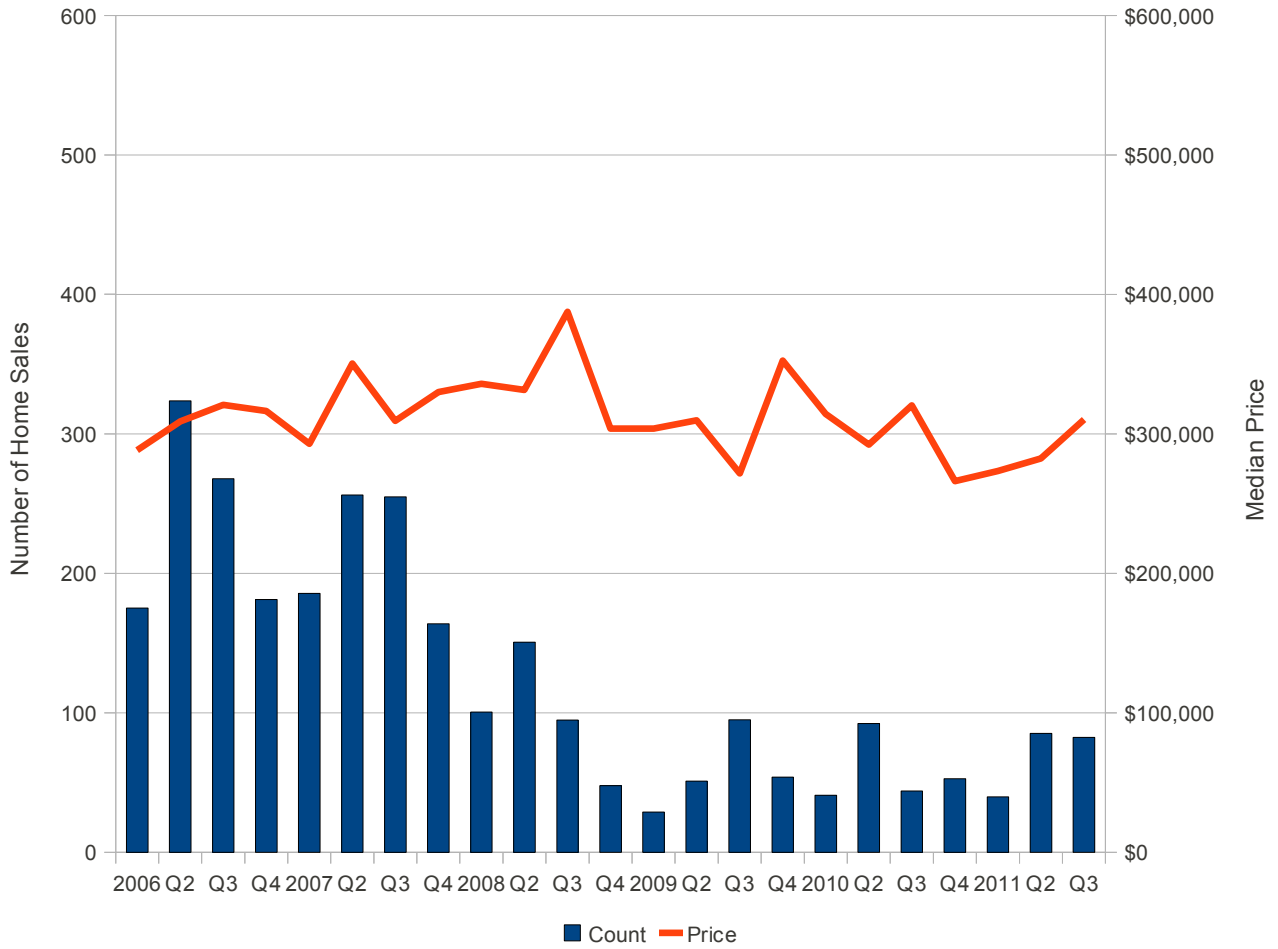
Glendale Heights



Lombard



Wheaton



Source: City-data.com

Appendix B

**Racial/Ethnic Composition
of
Glen Ellyn School District 41
and
Individual Schools**

GLEN ELLYN SD 41
Student Demographics & Characteristics – Race/Ethnicity

Year	American Indian (%)	Asian (%)	Black (%)	Hispanic (%)	White (%)	Multi Racial /Ethnicity (%)
1999	0.2	4.2	4.4	3.9	87.3	-
2000	0.1	3.9	4.5	3.8	87.7	-
2001	0.1	4.9	4.0	5.1	85.9	-
2002	0.1	5.5	4.0	4.6	85.8	-
2003	0.1	6.1	4.3	5.5	84.0	-
2004	0.2	7.4	4.5	6.9	81.0	-
2005	0.3	8.3	5.6	6.3	79.5	0.0
2006	0.2	7.8	5.1	7.0	77.8	2.1
2007	0.2	7.4	5.0	7.6	76.3	3.5
2008	0.3	7.8	4.0	8.3	76.1	3.5
2009	0.3	8.4	3.9	8.4	75.2	3.8
2010	0.3	8.7	3.3	10.0	73.5	4.3
2011	0.2	8.9	4.4	11.8	71.3	3.3

ABRAHAM LINCOLN ELEM SCHOOL - GLEN ELLYN SD 41
 Student Demographics & Characteristics – Race/Ethnicity

Year	American Indian (%)	Asian (%)	Black (%)	Hispanic (%)	White (%)	Multi Racial /Ethnicity (%)
1999	0.0	1.6	3.0	3.6	91.9	-
2000	0.0	3.0	2.6	4.2	90.3	-
2001	0.0	5.2	2.7	9.0	83.1	-
2002	0.0	3.3	2.3	5.4	89.0	-
2003	0.0	7.4	2.2	9.3	81.0	-
2004	0.0	9.1	1.5	9.7	79.7	-
2005	0.3	10.0	7.8	2.5	79.3	0.0
2006	0.2	7.5	5.7	4.6	80.1	2.0
2007	0.3	7.5	6.1	5.5	77.3	3.2
2008	0.2	6.1	4.8	5.0	80.9	3.0
2009	0.8	7.3	5.3	4.5	78.6	3.6
2010	0.9	8.6	3.4	5.9	76.9	4.3
2011	0.1	11.4	6.0	8.7	70.8	3.0

BENJAMIN FRANKLIN ELEM SCHOOL - GLEN ELLYN SD 41
Student Demographics & Characteristics – Race/Ethnicity

Year	American Indian (%)	Asian (%)	Black (%)	Hispanic (%)	White (%)	Multi Racial /Ethnicity (%)
1999	0.5	1.5	0.8	1.0	96.2	-
2000	0.0	1.3	0.5	1.5	96.7	-
2001	0.0	1.3	1.0	1.0	96.7	-
2002	0.2	1.4	0.5	1.5	96.4	-
2003	0.3	1.3	2.6	1.0	94.7	-
2004	0.5	1.2	3.6	1.6	93.1	-
2005	0.3	1.7	2.2	2.5	93.3	0.0
2006	0.0	3.3	3.1	5.3	86.4	2.0
2007	0.2	2.2	4.0	5.0	85.3	3.4
2008	0.3	4.0	3.5	7.0	80.6	4.6
2009	0.3	2.5	1.3	4.4	86.8	4.6
2010	0.0	2.3	1.0	4.7	87.2	4.7
2011	0.0	2.6	2.3	8.3	81.3	5.3

CHURCHILL ELEM SCHOOL - GLEN ELLYN SD 41
 Student Demographics & Characteristics – Race/Ethnicity

Year	American Indian (%)	Asian (%)	Black (%)	Hispanic (%)	White (%)	Multi Racial /Ethnicity (%)
1999	0.2	12.3	7.4	8.4	71.7	-
2000	0.4	7.6	8.5	9.0	74.5	-
2001	0.4	10.1	6.5	9.3	73.7	-
2002	0.0	12.9	6.3	10.6	70.2	-
2003	0.0	12.6	6.7	10.6	70.0	-
2004	0.3	14.4	7.9	15.8	61.6	-
2005	0.5	17.1	8.4	15.0	59.0	0.0
2006	0.5	14.7	7.3	14.2	59.3	4.0
2007	0.2	14.3	6.4	15.2	58.7	5.3
2008	0.2	15.1	6.0	15.8	57.4	5.5
2009	0.2	15.7	4.9	18.7	54.6	5.9
2010	0.1	16.6	4.8	22.1	50.6	5.8
2011	0.2	18.2	5.8	21.0	54.0	0.8

FOREST GLEN ELEM SCHOOL - GLEN ELLYN SD 41
 Student Demographics & Characteristics – Race/Ethnicity

Year	American Indian (%)	Asian (%)	Black (%)	Hispanic (%)	White (%)	Multi Racial /Ethnicity (%)
1999	0.0	2.4	7.6	4.9	85.2	-
2000	0.0	5.0	7.6	2.4	84.9	-
2001	0.0	5.9	6.7	1.7	85.7	-
2002	0.0	6.3	7.6	2.1	84.0	-
2003	0.2	5.5	5.7	4.8	83.8	-
2004	0.2	5.3	5.3	5.6	83.6	-
2005	0.2	6.0	3.4	7.4	83.0	0.0
2006	0.0	7.5	3.6	6.4	80.1	2.4
2007	0.4	7.1	3.0	6.3	79.8	3.5
2008	0.4	8.4	2.8	7.8	78.1	2.5
2009	0.6	9.2	3.2	7.3	76.4	3.4
2010	0.4	7.6	1.8	9.6	76.2	4.4
2011	0.2	6.7	2.2	13.1	74.0	3.7

HADLEY JUNIOR HIGH SCHOOL - GLEN ELLYN SD 41
Student Demographics & Characteristics – Race/Ethnicity

Year	American Indian (%)	Asian (%)	Black (%)	Hispanic (%)	White (%)	Multi Racial /Ethnicity (%)
1999	0.2	3.9	4.0	2.9	89.0	-
2000	0.1	3.2	3.7	3.0	90.0	-
2001	0.0	3.6	3.7	4.8	87.8	-
2002	0.1	4.3	3.4	4.1	88.1	-
2003	0.1	5.1	4.4	3.7	86.7	-
2004	0.1	7.4	4.2	4.3	83.9	-
2005	0.2	7.2	5.9	5.1	81.6	0.0
2006	0.3	6.8	5.2	5.6	81.0	1.2
2007	0.2	6.5	5.2	6.6	78.9	2.6
2008	0.3	7.1	3.4	7.3	79.2	2.7
2009	0.1	7.7	4.3	7.4	78.0	2.6
2010	0.1	7.9	4.2	7.9	76.7	3.2
2011	0.3	6.8	4.7	9.9	74.5	3.6

Source: Illinois Interactive Report Card