

Demographic Trends and Enrollment Projections

Bannockburn School District 106

North Shore School District 112

Township High School District 113

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Preface

This report examines population and housing trends in the cities and villages that make up Township High School District 113 and assesses the implications of these trends for future enrollment in the high school district and two of its sending districts: Bannockburn Elementary School District 106 and North Shore School District 112. The objective of the report is fourfold. First, I shall update residential development patterns and demographic dynamics underlying enrollment change in the school districts. Next, I shall assess recent enrollment patterns in each district and analyze student migration and other sources of these enrollment changes. I shall then discuss new housing development potential, housing turnover and related factors that will shape future enrollments in School Districts 106, 112 and 113. Finally, I shall project enrollment, by grade and by year, for Districts 106 and 112 through school year 2031–32, and for District 113 and each of its two high schools through 2036–37. I will also analyze student migration/transfer and project enrollment for each North School School District 112 elementary school through 2026–27 and for its two middle schools through 2031–32.

Enrollment projections will be in the form of three separate series based on different assumptions about future fertility rates, new housing development, housing turnover, and family migration to the respective districts. These three series will provide forecasts, by year and by grade, through school year 2031–32

for the elementary districts and through 2036–37 for District 113 of (A) the minimum number of students that may be anticipated, (B) the most likely number of students to be expected, and (C) the maximum number of students that can possibly be foreseen.

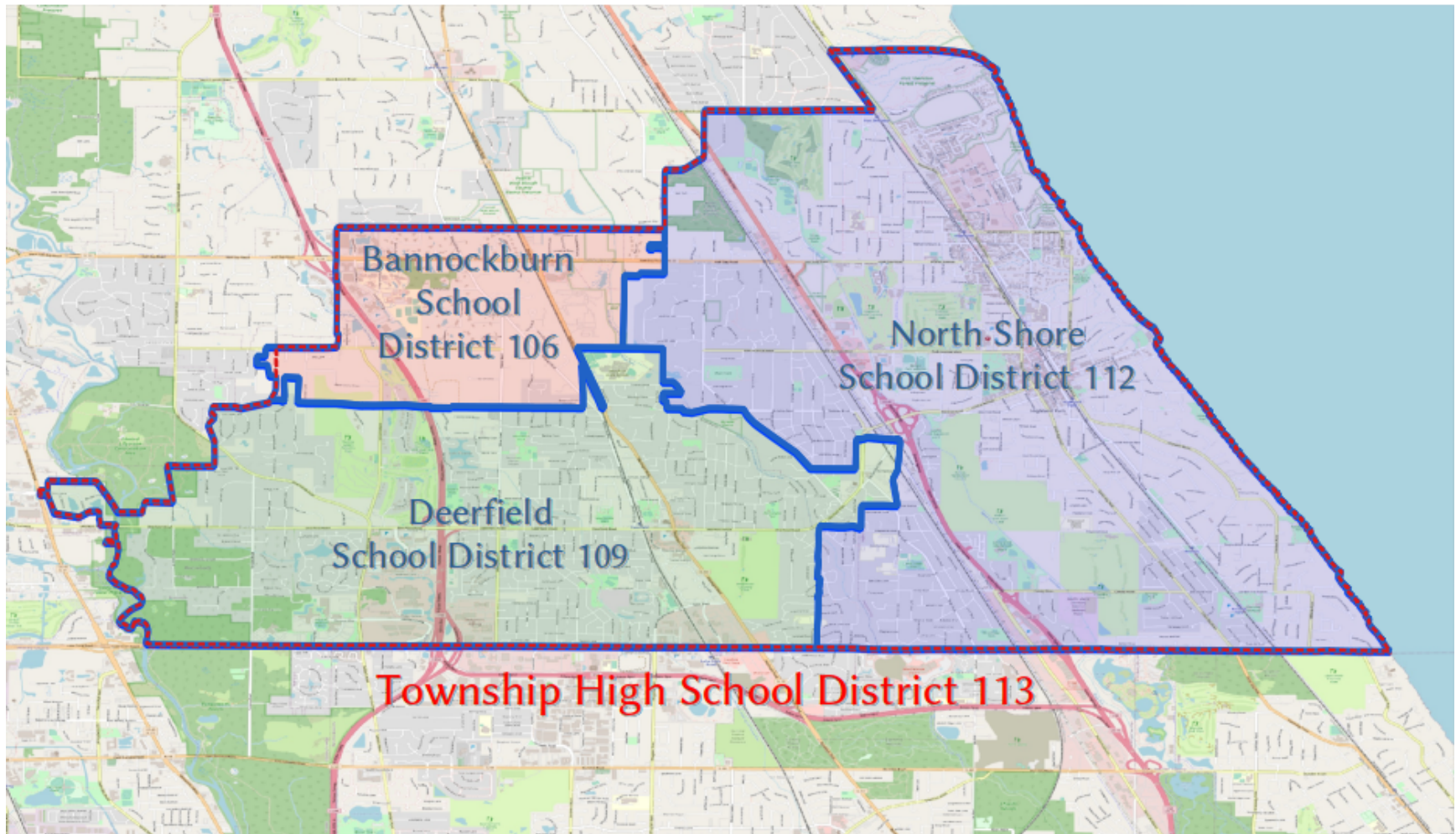
In conducting the analysis that follows, I benefited from data provided by the administrators of School Districts 106, 112 and 113, as well as local city and village officials. I would like especially to acknowledge Dr. Scott Herrmann, Superintendent of District 106, Dr. Michael Lubelfeld, Superintendent of District 112, Mr. Jeremy Davis, Assistant Superintendent for Finance and Operations at District 112, and Dr. Bruce Law, Superintendent of District 113 for their fine assistance. To them and all the others who participated in this endeavor, I am most appreciative.

School Districts Study Area

The districts under study are upper-middle class and high-income suburbs covering approximately 25 square miles about 25 miles north of Chicago's Loop. The total Township High School District 113 area encompasses the municipalities of Bannockburn, Deerfield, Highland Park, Highwood and Riverwoods. Exhibit 1 provides a map of the study area which also includes Deerfield School District 109 that chose not participate in this study. The village of Bannockburn and Deerfield, as well as a portion of Riverwoods comprise the Deerfield High School attendance area of District 113, while the cities of Highland and Highwood are within the Highland Park High School attendance area. There is an optional attendance area the runs roughly parallel to the Skokie Highway. Graduating District 112 students who reside to the west of the highway may choose to attend either District 113 high school, while graduating District 109 students in the eastern-most section of the district may likewise choose to attend either District 113 high school.

Exhibit 1

Map of Study Area and District Boundaries



Housing and Population Trends

Like many of Chicago's more mature suburbs, the District 113 area experienced a flurry of new housing construction in the 1950s and 1960s. During these two decades 3,415 existing homes were built in Deerfield and 3,722 in Highland Park, while the city of Highwood added 405 (see Table 1). The vast majority of these homes were single-family, detached structures containing three or more bedrooms. Furthermore, these homes were reasonably priced. Table 2 shows that as late as 1970 the median value of owner-occupied houses in Deerfield was \$42,000, Highland Park \$46,100, and Highwood only \$22,900.

The substantial amount of construction of moderately priced, detached homes during the 1950s and 1960s attracted large numbers of younger couples with preschool and school-age children, especially to Deerfield and Highland Park. Moreover, during this post war "baby boom" period, most of these couples had at least two children.

Table 3 describes the population trends since 1950 for the communities served by District 113. Between 1950 and 1970 Deerfield increased nearly six-fold from 3,288 residents to 18,949. During the following two decades, Deerfield's population declined modestly to 17,327 in 1990. After a decade of stability, modest overall population growth resumed, with the village reaching an estimated 19,606 residents in 2019. Highland Park, which was already well established by 1950, doubled in population during the following 20 years from

16,808 to 32,263 in 1970 before declining slightly to 30,611 in 1980 and essentially stabilizing slightly below that number through 2019. Between 1960 and 1970, Bannockburn climbed from 466 residents to 1,359 before modestly fluctuating around that number through 1990. Highwood, which grew more slowly in the 1950s and 1960s, has been stable in population size around 5,300 since 1980 (except for an anomaly count of 4,143 in 2000), while Riverwoods slowly climbed from 2,804 in 1980 to 3,618 in 2019, the latter being the latest estimate from the American Community Survey since 2020 Census counts by age have yet to be officially released.

More important than total population numbers, are the changes in the preschool and school-age populations in District 113's villages and cities. Observe in Table 3 how these populations swelled between 1950 and 1970 and then declined during the 1970s, with particularly sharp drops in the preschool age population. Whereas the school-age populations continued to drop between 1980 and 1990, the preschool population rebounded as more younger families began to replace older households in the District. Despite rapidly appreciating housing costs, the lower mortgage interest rates commencing in the mid-1980s and a solid rebound in the Chicago area economy, together with a growing number of empty nesters in the District, led to accelerated housing turnover and an influx of younger families with preschool and elementary school age children. This influx remained firm through 2000 at which point it somewhat slowed.

Apropos aging populations, Table 3 shows that the District 113 area has large and increasing numbers of residents over age 65. Between 1990 and 2019, these those over age 65 expanded from 1,550 to 2,958 in Deerfield and from 3,785 to 6,730 in Highland Park. The substantial size of the 65 and over population in these communities suggests the likelihood of solid housing turnover in these municipalities during the next 10 years.

With the District 113 area approaching residential build-out by 2005, very few single-family homes were constructed in the past 15 years on open parcels. New single-family homes that were constructed tended to be teardown and replacement homes. There has been a considerable uptick though in multi-family unit construction in Highland Park (near the town center) since 2015 and more recently in Highwood. Table 4 shows annual new single-family and multi-family housing permits by community for the District 113 communities between 1990 and June 2021. To reiterate, the single-family construction permits are mostly rebuilds. However, these rebuilds often house younger families with children who frequently replaced “empty-nest” households.

Table 1

Exiting Residential Housing by Year Structure Built in Municipalities Served by District 113

Year Structure Built	Bannockburn		Deerfield		Highland Park		Highwood		Riverwoods	
	Estimate	% Total	Estimate	% Total	Estimate	% Total	Estimate	% Total	Estimate	% Total
Total housing units	239	100.0%	7,382	100.0%	12,275	100.0%	1,949	100.0%	1,368	100.0%
Built 2014 or later	0	0.0%	450	6.1%	47	0.4%	0	0.0%	0	0.0%
Built 2010 to 2013	3	1.3%	99	1.3%	97	0.8%	0	0.0%	33	2.4%
Built 2000 to 2009	31	13.0%	581	7.9%	1,291	10.5%	98	5.0%	100	7.3%
Built 1990 to 1999	29	12.1%	892	12.1%	1,275	10.4%	145	7.4%	392	28.7%
Built 1980 to 1989	28	11.7%	727	9.8%	1,050	8.6%	121	6.2%	177	12.9%
Built 1970 to 1979	34	14.2%	795	10.8%	1,363	11.1%	152	7.8%	243	17.8%
Built 1960 to 1969	50	20.9%	1,563	21.2%	2,039	16.6%	213	10.9%	129	9.4%
Built 1950 to 1959	29	12.1%	1,699	23.0%	1,683	13.7%	192	9.9%	280	20.5%
Built 1940 to 1949	5	2.1%	196	2.7%	733	6.0%	147	7.5%	0	0.0%
Built 1939 or earlier	30	12.6%	380	5.1%	2,697	22.0%	881	45.2%	14	1.0%

Source: Source: U.S. Bureau of the Census. American Community Survey, 2019 5-Year Estimates.

Table 2

Median Value of Owner-Occupied Homes in Municipalities in the District 113 Area: 1950 to 2019

Year	Bannockburn	Deerfield	Highland Park	Highwood	Riverwoods
1950	—	\$16,413	\$20,000+	\$11,484	—
1960	—	\$28,300	\$31,300	\$18,000	—
1970	—	\$42,000	\$46,100	\$22,900	\$50,000+
1980	\$200,000+	\$111,400	\$123,700	\$67,700	\$179,000
1990	\$500,000+	\$232,200	\$257,000	\$134,400	\$407,900
2000	\$933,500	\$342,900	\$380,000	\$229,200	\$522,200
2012	\$1,000,000+	\$520,300	\$521,700	\$361,400	\$758,500
2017	\$1,088,700	\$505,500	\$574,100	\$362,400	\$692,300
2019	\$971,200	\$518,500	\$584,500	\$354,800	\$714,500

Source: U.S. Bureau of the Census. Decennial Census of Population and Housing, 1950, 1960, 1970, 1980, 1990 and 2000; 2015 and 2019 American Community Survey 5-Year Estimates.

Table 3

Population by Age Group in Villages Served by High School District 113: 1950–2019

Municipality	Age	1950	1960	1970	1980	1990	2000	2010	2017	2019
Bannockburn	Total	249	466	1,359	1,316	1,388	1,429	1,583	1,300	1,244
	Under 5	—	—	—	33	128	55	80	33	42
	5 to 9	—	—	—	—	—	47	74	40	34
	10 to 14	—	—	—	—	—	67	61	42	39
	15 to 19	—	—	—	—	—	324	220	329	271
	65 and over	—	—	—	49	61	89	100	119	129
Deerfield	Total	3,288	11,786	18,949	17,430	17,327	18,420	18,225	18,896	19,006
	Under 5	423	1,883	1,668	1,060	1,528	1,479	1,043	846	919
	5 to 9	337	1,740	2,404	1,427	1,313	1,720	1,698	1,432	1,356
	10 to 14	220	1,215	2,807	1,930	1,206	1,631	1,648	1,923	1,722
	15 to 19	153	528	1,800	1,804	1,124	1,041	1,366	1,516	1,549
	65 and over	219	481	718	998	1,550	2,402	2,612	3,001	2,958
Highland Park	Total	16,808	25,532	32,263	30,611	30,575	31,365	29,763	29,796	29,628
	Under 5	1,554	2,661	2,547	1,838	2,243	2,330	1,573	1,897	1,714
	5 to 9	1,401	3,021	3,495	2,162	2,130	2,468	2,243	1,999	1,895
	10 to 14	1,207	2,579	4,007	3,004	1,987	2,344	2,403	2,327	2,104
	15 to 19	976	1,557	2,954	2,734	1,796	1,807	1,968	1,813	1,897
	65 and over	1,222	1,810	2,249	2,793	3,785	4,726	5,757	6,576	6,730
Highwood	Total	3,813	4,499	4,973	5,452	5,331	4,143	5,405	5,375	5,310
	Under 5	396	547	395	301	386	300	471	413	438
	5 to 9	275	440	399	316	324	251	432	306	387
	10 to 14	216	338	458	312	276	250	376	393	405
	15 to 19	251	265	397	444	313	281	317	323	364
	65 and over	257	338	528	661	707	651	557	768	652
Riverwoods	Total	—	96	1,571	2,804	2,868	3,843	3,660	3,683	3,618
	Under 5	—	—	—	152	174	262	160	142	153
	5 to 9	—	—	—	230	194	302	281	242	349
	10 to 14	—	—	—	309	200	318	319	219	227
	15 to 19	—	—	—	273	201	254	246	199	194
	65 and over	—	—	60	221	382	502	627	991	949

Source: U.S. Bureau of the Census, Decennial Census of Population, 1950–2010; American Community Survey, 5-Year Estimates, 2017 & 2019.

Table 4

New Housing Units Authorized by Building Permits in Municipalities Served by High School District 113: 1990 to 2021

Year	Bannockburn		Deerfield		Highland Park		Highwood		Riverwoods		Total	
	Single-Family	Multi-Family	Single-Family	Multi-Family	Single-Family	Multi-Family	Single-Family	Multi-Family	Single-Family	Multi-Family	Single-Family	Multi-Family
1990	2	0	20	0	46	36	0	0	5	0	73	36
1991	0	0	25	0	47	40	0	0	5	0	77	40
1992	—	—	52	0	50	0	1	0	4	0	107	0
1993	1	0	28	0	49	0	0	1	8	0	86	1
1994	5	0	28	104	53	0	—	—	91	0	177	104
1995	5	0	22	128	71	74	0	0	106	0	204	202
1996	2	0	30	128	62	0	1	0	45	0	140	128
1997	4	0	22	12	49	16	0	0	40	0	115	28
1998	3	0	29	0	56	15	0	2	12	0	100	17
1999	1	0	29	0	58	15	0	0	7	0	95	15
2000	4	0	79	61	54	10	0	2	11	0	148	73
2001	3	0	22	0	56	20	3	0	40	0	124	20
2002	2	0	36	40	59	40	3	0	11	0	111	80
2003	5	0	85	4	65	50	0	0	12	0	167	54
2004	4	0	47	0	65	56	0	0	12	0	128	56
2005	2	0	87	0	62	58	6	0	11	0	168	58

Continued . . .

Table 4—*Continued*

New Housing Units Authorized by Building Permits in Municipalities Served by High School District 113: 1990 to 2021

Year	Bannockburn		Deerfield		Highland Park		Highwood		Riverwoods		Total	
	Single-Family	Multi-Family	Single-Family	Multi-Family	Single-Family	Multi-Family	Single-Family	Multi-Family	Single-Family	Multi-Family	Single-Family	Multi-Family
2006	4	0	73	0	46	67	3	4	7	0	133	71
2007	4	0	67	0	31	37	2	0	0	0	104	37
2008	4	0	11	0	20	40	1	0	0	0	36	40
2009	2	0	15	0	15	30	0	0	0	0	32	30
2010	0	0	27	0	14	30	1	0	0	0	42	30
2011	0	0	15	0	12	45	0	0	0	0	27	45
2012	0	0	13	0	16	0	0	0	2	0	31	0
2013	0	0	35	0	18	0	0	0	2	0	55	0
2014	2	0	39	248	28	0	0	0	2	0	71	248
2015	3	0	24	0	18	0	0	0	3	0	48	0
2016	2	0	23	0	24	73	1	0	0	0	50	73
2017	4	0	14	0	25	52	1	0	1	0	45	52
2018	1	0	18	0	23	54	1	0	0	0	43	54
2019	3	0	9	0	21	36	14	31	0	0	47	67
2020	2	0	9	0	26	51	0	129	0	0	37	180
–Jul. 2021	0	0	7	0	17	30	0	0	0	0	24	30

Source: U.S. Bureau of the Census. Current Construction Reports, Housing Units Authorized by Building Permits. Annual Reports 1988–2019 and July 2021 year to date.

Enrollment Trends and Student Migration/Transfer

Enrollment trends in local public schools mirrored community demographic dynamics. Total elementary and high school enrollments mushroomed in the 1950s and early 1960s. Enrollment growth in the elementary school districts (including Deerfield School District 109) slowed considerably in the late 1960s and some started to decline in the 1970s. These declines at the combined elementary school district level continued until the mid 1980s, at which point total elementary district enrollments stabilized through 1990. During the following eleven years, Table 5 reveals that combined elementary district K-8 enrollment in the District 113 area climbed sharply from 5,964 students in 1990-91 to 7,769 students in 2002-03. Enrollment then followed a mild U-shaped pattern dropping to 7,457 students in 2005-06 before rising again to 7,718 students in school year 2009-10. Since then, the combined K-8 enrollment of High School District 113's sending elementary school districts annually declined to 6,365 students this past fall (school year 2021-22).

Township High School District 113 enrollment also rapidly increased throughout the 1950s and most of the 1960s, reaching more than 5,000 students in the early 1970s. Table 6 shows that total district enrollment, which stood at 5,113 in school year 1970-71, remained fairly stable for the following four years. District 113 enrollment declined thereafter every year for the next sixteen years, dropping from 5,114 students in school year 1974-75 to 2,717 in 1990-91. During

the following six years, total District enrollment fluctuated modestly around 2,700 students. Between 1996–97 and 2006–06, total high school enrollment rose from 2,729 students to 3,642. Stabilization the set in with total high school enrollment remaining within 70 students of the 2005–06 count for the following 13 years where 2018–19 enrollment was 3,616. During the next three years, total high school enrollment, according to adjusted figures supplied by District 113, recently dropped to 3,250 students in September 2021.

Enrollment changes at Deerfield High School and Highland Park High School each followed similar trends. Table 7 reveals that total enrollment at Deerfield High School, which registered 2,542 students in 1970–71, declined to 1,152 students in 1993–94. Over the next 12 years, Deerfield added 562 students, showing a total enrollment of 1,714 in 2004–05. After seven years in the 1,700 student range, enrollment at Deerfield dropped into the 1,600s through 2018–19 when its enrollment stood at 1,635. Since then, Deerfield has consistently declined to 1,486 students as of its sixth-day count in fall 2021.

Highland Park High School declined from a peak of 2,690 students in 1974–75 to 1,482 students in 1994–95 before rising to 2,000 students in 2009–10 (see Table 8). Highland Park’s enrollment stayed near 2,000 through 2018–19 when it registered 1,981 students. During the past three years, the high school experienced steady enrollment declines to 1,765 students in 2021–22. The 2021–22

totals exclude 15 “super seniors” at Deerfield and 38 at Highland Park who are students receiving special education services after their senior year.

Enrollment patterns in Bannockburn School District 106 and North Shore District 112 will be discussed later. Each district will have a specific section.

Table 5

Enrollment History of Combined Elementary School Districts 106, 109 and 112:
1986–87 to 2021–21

School Year	K	1	2	3	4	5	6	7	8	Total
1986–87	657	694	651	649	665	640	689	684	659	5,988
1987–88	556	722	680	636	661	653	648	702	688	5,946
1988–89	645	620	683	665	631	651	662	644	672	5,873
1989–90	690	683	580	700	663	625	659	683	639	5,922
1990–91	718	706	661	590	693	655	624	646	671	5,964
1991–92	758	764	713	682	603	712	674	623	634	6,163
1992–93	740	760	740	705	690	582	713	652	610	6,192
1993–94	789	760	755	737	704	695	579	711	656	6,386
1994–95	801	836	761	767	748	695	701	589	717	6,615
1995–96	844	833	837	782	792	755	735	711	615	6,904
1996–97	827	866	812	852	759	773	757	723	704	7,073
1997–98	792	847	858	803	843	750	777	749	723	7,142
1998–99	786	841	843	859	818	869	759	779	742	7,296
1999–00	807	869	844	839	876	830	874	785	791	7,515
2000–01	810	854	898	852	849	882	831	872	789	7,637
2001–02	829	847	870	885	864	870	890	830	866	7,751
2002–03	795	890	879	864	896	837	870	887	851	7,769
2003–04	764	829	871	884	848	886	851	865	872	7,670
2004–05	772	825	823	870	883	842	900	846	875	7,636
2005–06	729	801	826	821	861	858	837	881	843	7,457
2006–07	819	787	808	831	827	864	860	833	870	7,499
2007–08	776	911	792	812	835	821	887	859	843	7,536
2008–09	796	862	895	815	836	854	847	904	862	7,671
2009–10	773	875	877	899	826	840	873	852	903	7,718

Continued . . .

Table 5—*Continued*

Enrollment History of Combined Elementary School Districts 106, 109 and 112:
1986–87 to 2021–21

School Year	K	1	2	3	4	5	6	7	8	Total
2010–11	730	825	862	873	909	827	855	887	869	7,637
2011–12	670	777	828	861	874	916	830	864	875	7,495
2012–13	693	731	796	847	864	879	927	839	867	7,443
2013–14	697	780	742	802	867	860	872	923	825	7,368
2014–15	691	768	804	752	802	862	844	886	920	7,329
2015–16	670	741	770	810	748	802	870	854	889	7,154
2016–17	660	708	746	764	806	739	800	857	848	6,928
2017–18	659	697	696	747	777	790	747	798	849	6,760
2018–19	683	690	710	702	750	772	795	756	786	6,644
2019–20	640	723	703	725	714	748	782	794	763	6,592
2020–21	634	653	707	692	717	712	743	764	786	6,408
2021–22	671	706	664	718	697	719	698	736	756	6,365

Table 6

Enrollment History of Township High School District 113: 1986–87 to 2021–22

School Year	9	10	11	12	Total
1986–87	745	846	976	984	3,551
1987–88	673	743	834	998	3,248
1988–89	695	682	726	826	2,929
1989–90	702	691	666	724	2,783
1990–91	675	703	684	655	2,717
1991–92	731	673	685	687	2,776
1992–93	662	708	650	685	2,705
1993–94	673	653	687	642	2,655
1994–95	708	657	634	687	2,686
1995–96	762	715	654	636	2,767
1996–97	634	761	687	647	2,729
1997–98	745	636	750	680	2,811
1998–99	759	742	623	744	2,868
1999–00	809	771	729	609	2,918
2000–01	832	796	764	743	3,135
2001–02	833	833	803	763	3,232
2002–03	924	835	827	834	3,420
2003–04	887	913	815	862	3,477
2004–05	944	884	911	863	3,602
2005–06	928	926	884	904	3,642
2006–07	895	917	920	882	3,614
2007–08	925	900	892	890	3,607
2008–09	905	940	906	908	3,659
2009–10	906	909	942	948	3,705

Continued . . .

Table 6—*Continued*

Enrollment History of Township High School District 113: 1986–87 to 2021–22

School Year	9	10	11	12	Total
2010–11	937	904	901	961	3,703
2011–12	929	933	898	885	3,645
2012–13	926	930	942	906	3,704
2013–14	905	908	939	942	3,694
2014–15	870	909	916	933	3,628
2015–16	965	877	902	930	3,674
2016–17	919	963	880	912	3,674
2017–18	884	908	946	878	3,616
2018–19	880	878	912	946	3,616
2019–20	811	875	871	910	3,467
2020–21	770	807	857	849	3,283
2021–22	790	772	816	872	3,250

Table 7

Enrollment History of Deerfield High School: 1986–87 to 2021–22

School Year	9	10	11	12	Total
1986–87	335	370	416	425	1,546
1987–88	300	326	370	428	1,424
1988–89	290	297	327	365	1,279
1989–90	309	291	301	322	1,223
1990–91	274	313	286	295	1,168
1991–92	329	276	310	292	1,207
1992–93	298	315	274	309	1,196
1993–94	266	299	315	272	1,152
1994–95	341	264	286	313	1,204
1995–96	334	336	257	279	1,206
1996–97	324	336	329	255	1,244
1997–98	331	320	337	328	1,316
1998–99	361	328	314	330	1,333
1999–00	366	358	320	301	1,345
2000–01	408	356	357	321	1,442
2001–02	383	407	361	344	1,495
2002–03	433	386	401	364	1,584
2003–04	435	433	387	405	1,660
2004–05	448	439	437	390	1,714
2005–06	465	437	440	433	1,775
2006–07	412	454	442	439	1,747
2007–08	455	412	453	431	1,751
2008–09	396	457	415	451	1,719
2009–10	427	400	457	421	1,705

Continued . . .

Table 7—*Continued*

Enrollment History of Deerfield High School: 1986–87 to 2021–22

School Year	9	10	11	12	Total
2010–11	432	429	395	451	1,707
2011–12	401	434	429	381	1,645
2012–13	406	406	434	430	1,676
2013–14	392	407	410	433	1,642
2014–15	398	389	406	413	1,606
2015–16	436	406	392	414	1,648
2016–17	396	442	403	393	1,634
2017–18	405	386	435	396	1,622
2018–19	414	405	387	429	1,635
2019–20	389	414	404	381	1,588
2020–21	333	382	403	399	1,517
2021–22	362	334	382	407	1,485

Table 8

Enrollment History of Highland Park High School: 1986–87 to 2021–22

School Year	9	10	11	12	Total
1986–87	410	476	560	559	2,005
1987–88	373	417	464	570	1,824
1988–89	405	385	399	461	1,650
1989–90	393	400	365	402	1,560
1990–91	401	390	398	360	1,549
1991–92	402	397	375	395	1,569
1992–93	364	393	376	376	1,509
1993–94	407	354	372	370	1,503
1994–95	367	393	348	374	1,482
1995–96	428	379	397	357	1,561
1996–97	310	425	358	392	1,485
1997–98	414	316	413	352	1,495
1998–99	398	414	309	414	1,535
1999–00	443	413	409	308	1,573
2000–01	424	440	407	422	1,693
2001–02	450	426	442	419	1,737
2002–03	491	449	426	470	1,836
2003–04	452	480	428	457	1,817
2004–05	496	445	474	473	1,888
2005–06	463	489	444	471	1,867
2006–07	483	463	478	443	1,867
2007–08	470	488	439	459	1,856
2008–09	509	483	491	457	1,940
2009–10	479	509	485	527	2,000

Continued . . .

Table 8—*Continued*

Enrollment History of Highland Park High School: 1986–87 to 2021–22

School Year	9	10	11	12	Total
2010–11	505	475	506	510	1,996
2011–12	528	499	469	504	2,000
2012–13	520	524	508	476	2,028
2013–14	513	501	529	509	2,052
2014–15	472	520	510	520	2,022
2015–16	529	471	510	516	2,026
2016–17	523	521	477	519	2,040
2017–18	479	522	511	482	1,994
2018–19	466	473	525	517	1,981
2019–20	422	461	467	529	1,879
2020–21	437	425	454	450	1,766
2021–22	428	438	434	465	1,765

Determinants of Enrollment Change

School districts are open demographic systems whose growth, stability, or decline are affected by two basic factors. The first is the difference between the size of the kindergarten (or for the high school district, ninth grade) class that enters each September and the size of the previous June's graduating class (either eighth or twelfth grade). The second is the net migration/transfer of school-age children in each district as they progress through the grades over the years.

Combined Elementary Districts

Tables 9 and 10 show how annual total enrollment change in the combined elementary districts that send students to District 113, shown in Table 5, may be decomposed into these two component parts since school year 1986–87. Table 9 decomposes the annual total enrollment changes into the two component parts. Thus, between September 2020 (school year 2020–21) and September 2021 (school year 2021–22) combined public sending K–8 school enrollment declined by 43 students (6,408 to 6,365; see Table 5). The 786 eighth graders who left the combined public elementary districts in June 2021 (see Table 5) were replaced this past September by only 671 kindergarten students, for a net class size difference of -115 . At the same time, 72 more students migrated into the elementary school districts or transferred from parochial schools than

migrated out of the districts or transferred to parochial schools between September 2020 and September 2021. The sum of these two factors ($-115, +72$) gives the 43-student overall K-8 loss for the combined elementary sending districts.

Table 10 shows the grade-by-grade, year-by-year migration/transfer figures for the combined elementary sending districts. For example, the “72” at the bottom of the K-1 column means that as the kindergarten class of school year 2020-21 progressed to the first grade in school year 2021-22, it gained 72 students via migration or transfer (see Table 5 where this class grew from 634 to 706 as it progressed upward one grade level). Conversely, as the fifth grade class of 2020-21 (712 students) progressed to the sixth grade in 2021-22 (698 students), it declined by 14 students. Summing across the bottom row of Table 10 provides the K-8 net student migration/transfer between September 2020 and September 2021, which is +72.

Observe that, with the exception of last year’s COVID-impacted enrollment, positive net student migration/transfer has characterized the elementary sending districts for the past 16 years. Between September 2004 and September 2021 the combined sending districts added 1,244 students via positive net student migration/transfer.

Table 9

Decomposition of Annual Sources of Enrollment Change in Combined Elementary School Districts 106, 109 and 112: September 1986 to September 2021

Transition Year Sept. to Sept.	Change Total Enrollment	Entering K Vs. Exiting 8	Net Student Migration/ Transfer
1986 to 87	-42	-103	61
1987 to 88	-73	-43	-30
1988 to 89	49	18	31
1989 to 90	42	79	-37
1990 to 91	199	87	112
1991 to 92	29	106	-77
1992 to 93	194	179	15
1993 to 94	229	145	84
1994 to 95	289	127	162
1995 to 96	169	212	-43
1996 to 97	69	88	-19
1997 to 98	154	63	91
1998 to 99	219	65	154
1999 to 00	122	19	103
2000 to 01	114	40	74
2001 to 02	18	-71	89
2002 to 03	-99	-87	-12
2003 to 04	-34	-100	66
2004 to 05	-179	-146	-33
2005 to 06	42	-24	66
2006 to 07	37	-94	131
2007 to 08	135	-47	182
2008 to 09	47	-89	136
2009 to 10	-81	-173	92

Continued . . .

Table 9—*Continued*

Decomposition of Annual Sources of Enrollment Change in Combined Elementary School Districts 106, 109 and 112: September 1986 to September 2021

Transition Year Sept. to Sept.	Change Total Enrollment	Entering K Vs. Exiting 8	Net Student Migration/ Transfer
2010 to 11	-142	-199	57
2011 to 12	-52	-182	130
2012 to 13	-75	-170	95
2013 to 14	-39	-134	95
2014 to 15	-175	-250	75
2015 to 16	-226	-229	3
2016 to 17	-168	-189	21
2017 to 18	-116	-166	50
2018 to 19	-52	-146	94
2019 to 20	-184	-129	-55
2020 to 21	-43	-115	72

Table 10

Net Annual Student Migration/Transfer in Combined Elementary School Districts 106, 109 and 112:
September 1986 to September 2021

Transition Year Sept. to Sept.	Grade Transition								
	K-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	Total
1986 to 87	65	-14	-15	12	-12	8	13	4	61
1987 to 88	64	-39	-15	-5	-10	9	-4	-30	-30
1988 to 89	38	-40	17	-2	-6	8	21	-5	31
1989 to 90	16	-22	10	-7	-8	-1	-13	-12	-37
1990 to 91	46	7	21	13	19	19	-1	-12	112
1991 to 92	2	-24	-8	8	-21	1	-22	-13	-77
1992 to 93	20	-5	-3	-1	5	-3	-2	4	15
1993 to 94	47	1	12	11	-9	6	10	6	84
1994 to 95	32	1	21	25	7	40	10	26	162
1995 to 96	22	-21	15	-23	-19	2	-12	-7	-43
1996 to 97	20	-8	-9	-9	-9	4	-8	0	-19
1997 to 98	49	-4	1	15	26	9	2	-7	91
1998 to 99	83	3	-4	17	12	5	26	12	154
1999 to 00	47	29	8	10	6	1	-2	4	103
2000 to 01	37	16	-13	12	21	8	-1	-6	74
2001 to 02	61	32	-6	11	-27	0	-3	21	89
2002 to 03	34	-19	5	-16	-10	14	-5	-15	-12
2003 to 04	61	-6	-1	-1	-6	14	-5	10	66
2004 to 05	29	1	-2	-9	-25	-5	-19	-3	-33

Continued. . .

Table 10—*Continued*

Net Annual Student Migration/Transfer in Combined Elementary School Districts 106, 109 and 112:
September 1986 to September 2021

Transition Year Sept. to Sept.	Grade Transition								Total
	K–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	
2005 to 06	58	7	5	6	3	2	-4	-11	66
2006 to 07	92	5	4	4	-6	23	-1	10	131
2007 to 08	86	-16	23	24	19	26	17	3	182
2008 to 09	79	15	4	11	4	19	5	-1	136
2009 to 10	52	-13	-4	10	1	15	14	17	92
2010 to 11	47	3	-1	1	7	3	9	-12	57
2011 to 12	61	19	19	3	5	11	9	3	130
2012 to 13	87	11	6	20	-4	-7	-4	-14	95
2013 to 14	71	24	10	0	-5	-16	14	-3	95
2014 to 15	50	2	6	-4	0	8	10	3	75
2015 to 16	38	5	-6	-4	-9	-2	-13	-6	3
2016 to 17	37	-12	1	13	-16	8	-2	-8	21
2017 to 18	31	13	6	3	-5	5	9	-12	50
2018 to 19	40	13	15	12	-2	10	-1	7	94
2019 to 20	13	-16	-11	-8	-2	-5	-18	-8	-55
2020 to 21	72	11	11	5	2	-14	-7	-8	72

Township High School District 113

Table 11 shows how annual total enrollment change in District 113 since September 1986 may be decomposed into the two component parts. For instance, between September 2020 (school year 2020–21) and September 2021 (school year 2021–21) District 113 enrollment declined by 33 students (from 3,283 to 3,250 excluding “super seniors”; see Table 6). The 849 twelfth graders who left the District in June 2021 (see Table 6) were replaced this past September by 756 ninth graders for a net class size difference of -59 . In addition, between September 2020 and September 2021, 26 more students either migrated into the District or transferred from private and parochial schools than migrated out, dropped out, or transferred from District 113 High Schools to private or parochial schools

Table 12 describes how the net student migration/transfer (including dropout) gains and losses were computed from the enrollment data. Again, the bottom left cell of “2” means that as the ninth grade class of September 2020 progressed to the tenth grade in September 2021, it gained two students (see Table 5 where ninth grade class size in school year 2020–21 was 770 and the tenth grade class size in school year 2021–22 is 772 students). Likewise, as the eleventh grade class of September 2020 progressed to the twelfth grade in September 2021, it expanded by fifteen students. Summing across the bottom row in Table 12, one obtains $+26$, which is the net student migration/transfer gain shown in Table 11.

Tables 13 and 14 provide the decomposition of annual enrollment change since 1986 at Deerfield High School and Highland Park High School, respectively, while tables 15 and 16 present the annual grade-by-grade migration/transfer analysis for each high school. These tables should be interpreted the same as Tables 11 and 12 for the combined high schools. Suffice it to note that overall enrollment declines at the high schools during the past three years have been primarily a result of smaller entering ninth grade class sizes compared with the previous June's graduating senior classes.

Table 11

Decomposition of Annual Sources of Enrollment Change in Township High School
Districts 113: September 1986 to September 2021

Transition Year Sept. to Sept.	Change Total Enrollment	Entering 9 vs. Exiting 12	Net Student Migration / Transfer
1986 to 87	-303	-311	8
1987 to 88	-319	-303	-16
1988 to 89	-146	-124	-22
1989 to 90	-66	-49	-17
1990 to 91	59	76	-17
1991 to 92	-71	-25	-46
1992 to 93	-50	-12	-38
1993 to 94	31	66	-35
1994 to 95	81	75	6
1995 to 96	-38	-2	-36
1996 to 97	82	98	-16
1997 to 98	57	79	-22
1998 to 99	50	65	-15
1999 to 00	217	223	-6
2000 to 01	97	90	7
2001 to 02	188	161	27
2002 to 03	57	53	4
2003 to 04	125	82	43
2004 to 05	40	65	-25
2005 to 06	-28	-9	-19
2006 to 07	-7	43	-50
2007 to 08	52	15	37
2008 to 09	46	-2	48
2009 to 10	-2	-11	9

Continued . . .

Table 11—*Continued*

Decomposition of Annual Sources of Enrollment Change in Township High School
Districts 113: September 1986 to September 2021

Transition Year Sept. to Sept.	Change Total Enrollment	Entering 9 vs. Exiting 12	Net Student Migration / Transfer
2010 to 11	-58	-32	-26
2011 to 12	59	41	18
2012 to 13	-10	-1	-9
2013 to 14	-66	-72	6
2014 to 15	46	32	14
2015 to 16	0	-11	11
2016 to 17	-58	-28	-30
2017 to 18	0	2	-2
2018 to 19	-149	-135	-14
2019 to 20	-184	-140	-44
2020 to 21	-33	-59	26

Table 12

Net Annual Student Migration/Transfer in Township High School Districts 113:
September 1986 to September 2021

Transition Year Sept. to Sept.	Grade Transition			
	9–10	10–11	11–12	Total
1986 to 87	-2	-12	22	8
1987 to 88	9	-17	-8	-16
1988 to 89	-4	-16	-2	-22
1989 to 90	1	-7	-11	-17
1990 to 91	-2	-18	3	-17
1991 to 92	-23	-23	0	-46
1992 to 93	-9	-21	-8	-38
1993 to 94	-16	-19	0	-35
1994 to 95	7	-3	2	6
1995 to 96	-1	-28	-7	-36
1996 to 97	2	-11	-7	-16
1997 to 98	-3	-13	-6	-22
1998 to 99	12	-13	-14	-15
1999 to 00	-13	-7	14	-6
2000 to 01	1	7	-1	7
2001 to 02	2	-6	31	27
2002 to 03	-11	-20	35	4
2003 to 04	-3	-2	48	43
2004 to 05	-18	0	-7	-25
2005 to 06	-11	-6	-2	-19
2006 to 07	5	-25	-30	-50
2007 to 08	15	6	16	37
2008 to 09	4	2	42	48
2009 to 10	-2	-8	19	9

Continued . . .

Table 12—*Continued*

Net Annual Student Migration/Transfer in Township High School Districts 113:
September 1986 to September 2021

Transition Year Sept. to Sept.	Grade Transition			
	9–10	10–11	11–12	Total
2010 to 11	-4	-6	-16	-26
2011 to 12	1	9	8	18
2012 to 13	-18	9	0	-9
2013 to 14	4	8	-6	6
2014 to 15	7	-7	14	14
2015 to 16	-2	3	10	11
2016 to 17	-11	-17	-2	-30
2017 to 18	-6	4	0	-2
2018 to 19	-5	-7	-2	-14
2019 to 20	-4	-18	-22	-44
2020 to 21	2	9	15	26

Table 13

Decomposition of Annual Sources of Enrollment Change in Deerfield High School:
September 1986 to September 2021

Transition Year Sept. to Sept.	Change Total Enrollment	Entering 9 vs. Exiting 12	Net Student Migration / Transfer
1986 to 87	-122	-125	3
1987 to 88	-145	-138	-7
1988 to 89	-56	-56	0
1989 to 90	-55	-48	-7
1990 to 91	39	34	5
1991 to 92	-11	6	-17
1992 to 93	-44	-43	-1
1993 to 94	52	69	-17
1994 to 95	2	21	-19
1995 to 96	38	45	-7
1996 to 97	72	76	-4
1997 to 98	17	33	-16
1998 to 99	12	36	-24
1999 to 00	97	107	-10
2000 to 01	53	62	-9
2001 to 02	89	89	0
2002 to 03	76	71	5
2003 to 04	54	43	11
2004 to 05	61	75	-14
2005 to 06	-28	-21	-7
2006 to 07	4	16	-12
2007 to 08	-32	-35	3
2008 to 09	-14	-24	10
2009 to 10	2	11	-9

Continued . . .

Table 13—*Continued*

Decomposition of Annual Sources of Enrollment Change in Deerfield High School:
September 1986 to September 2021

Transition Year Sept. to Sept.	Change Total Enrollment	Entering 9 vs. Exiting 12	Net Student Migration / Transfer
2010 to 11	-62	-50	-12
2011 to 12	31	25	6
2012 to 13	-34	-38	4
2013 to 14	-36	-35	-1
2014 to 15	42	23	19
2015 to 16	-14	-18	4
2016 to 17	-12	12	-24
2017 to 18	13	18	-5
2018 to 19	-47	-40	-7
2019 to 20	-71	-48	-23
2020 to 21	-32	-37	5

Table 14

Net Annual Student Migration/Transfer in Deerfield High School:
September 1986 to September 2021

Transition Year Sept. to Sept.	Grade Transition			
	9–10	10–11	11–12	Total
1986 to 87	-9	0	12	3
1987 to 88	-3	1	-5	-7
1988 to 89	1	4	-5	0
1989 to 90	4	-5	-6	-7
1990 to 91	2	-3	6	5
1991 to 92	-14	-2	-1	-17
1992 to 93	1	0	-2	-1
1993 to 94	-2	-13	-2	-17
1994 to 95	-5	-7	-7	-19
1995 to 96	2	-7	-2	-7
1996 to 97	-4	1	-1	-4
1997 to 98	-3	-6	-7	-16
1998 to 99	-3	-8	-13	-24
1999 to 00	-10	-1	1	-10
2000 to 01	-1	5	-13	-9
2001 to 02	3	-6	3	0
2002 to 03	0	1	4	5
2003 to 04	4	4	3	11
2004 to 05	-11	1	-4	-14
2005 to 06	-11	5	-1	-7
2006 to 07	0	-1	-11	-12
2007 to 08	2	3	-2	3
2008 to 09	4	0	6	10
2009 to 10	2	-5	-6	-9

Continued . . .

Table 14—*Continued*

Net Annual Student Migration/Transfer in Deerfield High School:
September 1986 to September 2021

Transition Year Sept. to Sept.	Grade Transition			
	9–10	10–11	11–12	Total
2010 to 11	2	0	-14	-12
2011 to 12	5	0	1	6
2012 to 13	1	4	-1	4
2013 to 14	-3	-1	3	-1
2014 to 15	8	3	8	19
2015 to 16	6	-3	1	4
2016 to 17	-10	-7	-7	-24
2017 to 18	0	1	-6	-5
2018 to 19	0	-1	-6	-7
2019 to 20	-7	-11	-5	-23
2020 to 21	1	0	4	5

Table 15

Decomposition of Annual Sources of Enrollment Change in Highland Park High School:
September 1986 to September 2021

Transition Year Sept. to Sept.	Change Total Enrollment	Entering 9 vs. Exiting 12	Net Student Migration / Transfer
1986 to 87	-181	-186	5
1987 to 88	-174	-165	-9
1988 to 89	-90	-68	-22
1989 to 90	-11	-1	-10
1990 to 91	20	42	-22
1991 to 92	-60	-31	-29
1992 to 93	-6	31	-37
1993 to 94	-21	-3	-18
1994 to 95	79	54	25
1995 to 96	-76	-47	-29
1996 to 97	10	22	-12
1997 to 98	40	46	-6
1998 to 99	38	29	9
1999 to 00	120	116	4
2000 to 01	44	28	16
2001 to 02	99	72	27
2002 to 03	-19	-18	-1
2003 to 04	71	39	32
2004 to 05	-21	-10	-11
2005 to 06	0	12	-12
2006 to 07	-11	27	-38
2007 to 08	84	50	34
2008 to 09	60	22	38
2009 to 10	-4	-22	18

Continued . . .

Table 15—*Continued*

Decomposition of Annual Sources of Enrollment Change in Highland Park High School:
September 1986 to September 2021

Transition Year Sept. to Sept.	Change Total Enrollment	Entering 9 vs. Exiting 12	Net Student Migration / Transfer
2010 to 11	4	18	-14
2011 to 12	28	16	12
2012 to 13	24	37	-13
2013 to 14	-30	-37	7
2014 to 15	4	9	-5
2015 to 16	14	7	7
2016 to 17	-46	-40	-6
2017 to 18	-13	-16	3
2018 to 19	-102	-95	-7
2019 to 20	-113	-92	-21
2020 to 21	-1	-22	21

Table 16

Net Annual Student Migration/Transfer in Highland Park High School:
September 1986 to September 2021

Transition Year Sept. to Sept.	Grade Transition			
	9–10	10–11	11–12	Total
1986 to 87	7	-12	10	5
1987 to 88	12	-18	-3	-9
1988 to 89	-5	-20	3	-22
1989 to 90	-3	-2	-5	-10
1990 to 91	-4	-15	-3	-22
1991 to 92	-9	-21	1	-29
1992 to 93	-10	-21	-6	-37
1993 to 94	-14	-6	2	-18
1994 to 95	12	4	9	25
1995 to 96	-3	-21	-5	-29
1996 to 97	6	-12	-6	-12
1997 to 98	0	-7	1	-6
1998 to 99	15	-5	-1	9
1999 to 00	-3	-6	13	4
2000 to 01	2	2	12	16
2001 to 02	-1	0	28	27
2002 to 03	-11	-21	31	-1
2003 to 04	-7	-6	45	32
2004 to 05	-7	-1	-3	-11
2005 to 06	0	-11	-1	-12
2006 to 07	5	-24	-19	-38
2007 to 08	13	3	18	34
2008 to 09	0	2	36	38
2009 to 10	-4	-3	25	18

Continued . . .

Table 16—*Continued*

Net Annual Student Migration/Transfer in Highland Park High School:
September 1986 to September 2021

Transition Year Sept. to Sept.	Grade Transition			
	9–10	10–11	11–12	Total
2010 to 11	-6	-6	-2	-14
2011 to 12	-4	9	7	12
2012 to 13	-19	5	1	-13
2013 to 14	7	9	-9	7
2014 to 15	-1	-10	6	-5
2015 to 16	-8	6	9	7
2016 to 17	-1	-10	5	-6
2017 to 18	-6	3	6	3
2018 to 19	-5	-6	4	-7
2019 to 20	3	-7	-17	-21
2020 to 21	1	9	11	21

Enrollment Trends in Bannockburn SD 106 and NSSD 112

I now discuss enrollment trends and student migration/transfer in Bannockburn School District 106 and North Shore School District 112 and analyze their sources of annual enrollment change through school year 2021-22 for the past few decades. At the request of administrators at North Shore School District 112, I also provide updated student migration/transfer analyses for the district's seven elementary schools and two middle schools. These analyses will be followed by enrollment projections for Districts 106 and 112 as a whole and for NSSD 112 individual schools.

Bannockburn Elementary School District 106

Located 26 miles north of Chicago's Loop, Bannockburn SD 106 serves primarily the high-income village of Bannockburn that covers 2.75 square miles. The K-8 district is composed of a modern single school building housing 153 students at the time of its sixth-day fall 2021 count. With a 9:1 student-teacher ratio, the school has achieved numerous academic distinctions including one of twenty-five schools in Illinois and 362 nationally to be named a National Blue Ribbon School.

In terms of housing composition and development potential, Bannockburn village has approximately 250 upscale homes on multi-acre lots. Village officials currently anticipate no more than ten new homes will be

constructed in the next five years, even though there is quite a bit of land; some for sale but much not for sale summarized as follows:

1. There are presently over 50 acres of vacant land for sale in Bannockburn.

This vacant land is currently restricted to large parcels, but there has been a push (no action) to allow the subdividing of lots. Presumably the 10 additional homes that the Village anticipates fall into that acreage, but this number could be on the light side.

2. Trinity International University sits within the boundaries of District 106.

The University recently sold off some property for construction of an assisted living facility. While there is no public evidence that the University is under financial stress, if it should close no one is sure what would happen with the several hundred acres of land.

3. Portions of the Deerfield Public Golf course are within the district boundaries. If the park district decides to get out of the golf business (again, no evidence but possible), that land would likely eventually become residential.

4. There was a recent proposal to annex a parcel within the school district, but outside the Village for multi-family housing. The proposal was not approved by the Village, but the land is still available and likely to be improved in some fashion.

There is no way to predict if one or more of the number 2, 3 and 4 above possibilities will happen or if vacant land presently not for sale will come on the market. But some new housing development will likely occur.

Table 17 provides the annual enrollment history of District 106 from school year 1986–87 to 2021–22 (sixth-day figures). Reflecting village stability, total enrollment has been relatively stable since the late 1980s. Total enrollment peaked at 224 students in 1995–96 and remained fairly high through school year 2003–04. During the following thirteen years enrollment declined, modestly fluctuating in the 160s–180s range. In school year 2014–15, 187 students were registered. Since then, total District 106 enrollment declined again, dipping to 147 students in 2018–19 before slightly rebounding to its 153 sixth-day enrollment this fall (2021) which was the same as the fall 2020 count.

Determinants of Enrollment Change

Table 18 decomposes the sources of District 106 annual enrollment change from September 1986 to September 2021 into change due to the relative sizes of its graduating (exiting) eighth grade class each June and entering kindergarten class the following September plus that due to the net student migration/ transfer each year. No discernible patterns emerge, though it is informative to note that there has been no net student migration/ transfer losses during the past four

years even during the COVID impacted year between September 2019 to September 2020.

Table 19 shows how these net migration/transfer figures were generated. The "3" at the left-hand bottom of the table indicates that as the kindergarten class of school year 2020–21 (18) progressed to the first grade in 2021–22 (21), it added three students. Conversely, as the first grade class of school year 2020–21 (14) progressed to the second grade in 2021–22 (12), it declined by two students. Summing across the bottom row one obtains +2, which is the net student migration/transfer gain shown from September 2020 to September 2021 in Table 18.

Table 17

Enrollment History of Bannockburn School District 106: 1986–87 to 2021–21

School Year	K	1	2	3	4	5	6	7	8	K–8
1986–87	15	11	14	14	15	16	19	21	22	147
1987–88	23	21	14	18	18	20	17	19	23	173
1988–89	23	24	21	12	21	17	22	15	19	174
1989–90	18	18	23	24	13	19	23	19	14	171
1990–91	21	17	18	21	18	13	14	19	15	156
1991–92	32	20	17	18	21	16	14	17	20	175
1992–93	20	32	20	22	20	20	16	14	17	181
1993–94	27	18	31	22	22	20	18	18	14	190
1994–95	34	24	20	32	19	24	22	19	18	212
1995–96	23	34	23	27	30	20	25	20	22	224
1996–97	28	16	36	24	25	29	19	25	21	223
1997–98	18	31	15	31	24	24	29	16	24	212
1998–99	18	18	24	13	29	28	16	29	16	191
1999–00	17	20	22	22	16	29	27	15	28	196
2000–01	24	16	22	24	25	20	28	26	11	196
2001–02	18	29	16	21	24	25	21	26	24	204
2002–03	17	18	27	15	26	20	18	25	28	194
2003–04	27	20	18	28	16	26	22	28	24	209
2004–05	13	26	22	14	23	15	25	20	31	189
2005–06	12	14	25	17	16	24	15	26	17	166
2006–07	24	13	16	25	20	16	23	18	25	180
2007–08	21	26	12	17	25	21	16	22	19	179
2008–09	21	21	23	15	17	26	22	16	20	181
2009–10	17	24	22	25	20	18	27	23	13	189

Continued . . .

Table 17—*Continued*

Enrollment History of Bannockburn School District 106: 1986–87 to 2021–21

School Year	K	1	2	3	4	5	6	7	8	K–8
2010–11	19	19	24	21	21	18	16	25	22	185
2011–12	18	21	18	20	21	18	15	14	24	169
2012–13	18	15	22	23	20	18	19	13	14	162
2013–14	17	21	16	21	29	23	14	23	12	176
2014–15	21	19	23	18	19	30	21	16	20	187
2015–16	18	19	15	21	18	17	28	22	16	174
2016–17	10	21	19	14	20	20	17	30	22	173
2017–18	20	11	16	20	13	16	17	16	28	157
2018–19	16	20	13	14	23	13	17	16	15	147
2019–20	11	18	19	14	14	21	15	15	16	143
2020–21	18	14	18	19	15	14	24	15	16	153
2021–22	14	21	12	19	16	16	16	24	15	153

Table 18

Decomposition of Annual Sources of Enrollment Change in Bannockburn
School District 106: September 1986 to September 2021

Transition Year Sept. to Sept.	Change Total Enrollment	Entering K vs. Exiting 8	Net Student Migration / Transfer
1986 to 87	26	1	25
1987 to 88	1	0	1
1988 to 89	-3	-1	-2
1989 to 90	-15	7	-22
1990 to 91	19	17	2
1991 to 92	6	0	6
1992 to 93	9	10	-1
1993 to 94	22	20	2
1994 to 95	12	5	7
1995 to 96	-1	6	-7
1996 to 97	-11	-3	-8
1997 to 98	-21	-6	-15
1998 to 99	5	1	4
1999 to 00	0	-4	4
2000 to 01	8	7	1
2001 to 02	-10	-7	-3
2002 to 03	15	-1	16
2003 to 04	-20	-11	-9
2004 to 05	-23	-19	-4
2005 to 06	14	7	7
2006 to 07	-1	-4	3
2007 to 08	2	2	0
2008 to 09	8	-3	11
2009 to 10	-4	6	-10

Continued . . .

Table 18—*Continued*

Decomposition of Annual Sources of Enrollment Change in Bannockburn
School District 106: September 1986 to September 2021

Transition Year Sept. to Sept.	Change Total Enrollment	Entering K vs. Exiting 8	Net Student Migration / Transfer
2010 to 11	-16	-4	-12
2011 to 12	-7	-6	-1
2012 to 13	14	3	11
2013 to 14	11	9	2
2014 to 15	-13	-2	-11
2015 to 16	-1	-6	5
2016 to 17	-16	-2	-14
2017 to 18	-10	-12	2
2018 to 19	-4	-4	0
2019 to 20	10	2	8
2020 to 21	0	-2	2

Table 19

Net Annual Student Migration/Transfer in Bannockburn School District 106: September 1986 to September 2021

Transition Year Sept. to Sept.	Grade Transition								
	K-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	Total
1986 to 87	6	3	4	4	5	1	0	2	25
1987 to 88	1	0	-2	3	-1	2	-2	0	1
1988 to 89	-5	-1	3	1	-2	6	-3	-1	-2
1989 to 90	-1	0	-2	-6	0	-5	-4	-4	-22
1990 to 91	-1	0	0	0	-2	1	3	1	2
1991 to 92	0	0	5	2	-1	0	0	0	6
1992 to 93	-2	-1	2	0	0	-2	2	0	-1
1993 to 94	-3	2	1	-3	2	2	1	0	2
1994 to 95	0	-1	7	-2	1	1	-2	3	7
1995 to 96	-7	2	1	-2	-1	-1	0	1	-7
1996 to 97	3	-1	-5	0	-1	0	-3	-1	-8
1997 to 98	0	-7	-2	-2	4	-8	0	0	-15
1998 to 99	2	4	-2	3	0	-1	-1	-1	4
1999 to 00	-1	2	2	3	4	-1	-1	-4	4
2000 to 01	5	0	-1	0	0	1	-2	-2	1
2001 to 02	0	-2	-1	5	-4	-7	4	2	-3
2002 to 03	3	0	1	1	0	2	10	-1	16
2003 to 04	-1	2	-4	-5	-1	-1	-2	3	-9
2004 to 05	1	-1	-5	2	1	0	1	-3	-4

Continued. . .

Table 19—*Continued*

Net Annual Student Migration/Transfer in Bannockburn School District 106: September 1986 to September 2021

Transition Year Sept. to Sept.	Grade Transition								Total
	K-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	
2005 to 06	1	2	0	3	0	-1	3	-1	7
2006 to 07	2	-1	1	0	1	0	-1	1	3
2007 to 08	0	-3	3	0	1	1	0	-2	0
2008 to 09	3	1	2	5	1	1	1	-3	11
2009 to 10	2	0	-1	-4	-2	-2	-2	-1	-10
2010 to 11	2	-1	-4	0	-3	-3	-2	-1	-12
2011 to 12	-3	1	5	0	-3	1	-2	0	-1
2012 to 13	3	1	-1	6	3	-4	4	-1	11
2013 to 14	2	2	2	-2	1	-2	2	-3	2
2014 to 15	-2	-4	-2	0	-2	-2	1	0	-11
2015 to 16	3	0	-1	-1	2	0	2	0	5
2016 to 17	1	-5	1	-1	-4	-3	-1	-2	-14
2017 to 18	0	2	-2	3	0	1	-1	-1	2
2018 to 19	2	-1	1	0	-2	2	-2	0	0
2019 to 20	3	0	0	1	0	3	0	1	8
2020 to 21	3	-2	1	-3	1	2	0	0	2

North Shore School District 112

North Shore District 112 is located on the Lake Michigan shoreline in Lake County, also about 25 miles north of Chicago's Loop. The district, which covers an area of 13.2 square miles and serves children in the communities of Highland Park, Highland Park, and Fort Sheridan, was established in 1993 through a consolidation of Highland Park SD 107, Highland Park SD 108, and Highland-Highland Park SD 111. Among the 10 schools in the district, there are seven elementary schools, two middle schools, and the Green Bay Early Childhood Program, which combined, currently serve approximately 3,700 students in grades pre-K through 8th.

Prior to the 2018–19 school year, District 112 had one early childhood center, eight elementary schools, and three junior high/middle schools. Following the 2017–18 school year, one elementary school (Lincoln) and one middle school (Elm Place) were closed, and major attendance area boundary changes took place in the District. Elementary school students within the former Lincoln School attendance area now attend Indian Trail Elementary School, and middle school students within the former Elm Place School attendance area currently attend Edgewood Middle School.

Oak Terrace and Red Oak schools became program schools and are populated with students in the Dual Language program. All Dual Language

sections from Sherwood were moved into Red Oak and all Red Oak regular education monolingual students were moved to Sherwood. In doing so, Red Oak and Sherwood boundary areas were combined with the home school for those two areas now being Sherwood. Also, all regular education monolingual students at Oak Terrace were moved to Wayne Thomas. In this process, Wayne Thomas and Oak Terrace boundary areas were combined, with Wayne Thomas becoming the home school for those two areas.

The 2018–19 school year also saw changes to special education program locations. The Life Skills Education Academic Program (LEAP) moved from its previous location at Ravinia Elementary to Sherwood Elementary, the Structured Teaching Education Program (STEP) moved from Indian Trail Elementary to Sherwood, and the Social Academic Integrated Learning Program (SAIL) moved Lincoln Elementary to Braeside Elementary due to the closure of Lincoln.

Determinants of Enrollment Change

The closing of individual schools, boundary changes, and dual-language program shifts among schools will not, of course, typically affect total annual changes in NSSD 112 enrollment. Such district-wide changes are determined by three basic factors: (1) 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; (2) the net migration/transfer of school-age children in the district as

they progress through the grades over the years; and (3) changes in pre-K enrollment.

Tables 20, 21, and 22 describe how annual enrollment change in NSSD 112 between school year 2002–03 and school year 2021–22 may be decomposed into the three basic factors. Table 20 reports the grade-by-grade and year-by-year enrollment for the District since 2002–03 using sixth-day enrollment for the 2021–22 school year. Table 21 decomposes the annual total enrollment changes into the three fundamental parts. Thus, between September 2020 (school year 2020–21) and September 2021 (school year 2021–22) NSSD 112 total enrollment (which included both special education students assigned to appropriate grades and pre-K) grew by 50 students (3,690 to 3,740). The 431 eighth graders who graduated in June 2021 (see Table 20) were replaced this past September (2021) by 383 kindergarten students, for a net class size difference of -48 . This 48-student loss was more than compensated by a combination of positive student net migration/transfer and a rebound in the size of the District's pre-K class size. Between September 2020 and September 2021, 41 more students migrated into the District or transferred to District 112 schools from private or parochial schools (or who were possibly home-schooled returnees from the COVID-impacted 2020–21 school year) than who migrated out of the District or transferred to private or parochial schools between September 2020 and September 2021. The likely COVID-diminished 2020–21 pre-K class, which fell to

146 in fall 2020, rebounded to 203 students in fall 2021 for a net year-to-year gain of 57 students. The three components (-48 , $+41$, $+57$) sum precisely to the net 50-student gain in the District between September 2020 and September 2021.

It is pertinent to recognize that without the rebound in this year's pre-K class size that total NSSD 112 enrollment declines, which had characterized the District for eleven of the past twelve years, would have continued.

Observe that for the vast majority of the past sixteen years, District 112 experienced positive net student in-migration and transfer. Since September 2005, 576 more students migrated into District 112 or transferred to its public schools than moved out of the District or transferred to private or parochial schools. NSSD 112's generally positive net student migration/transfer, however, could not compensate for District enrollment losses from larger graduating eighth grade classes compared to entering kindergarten classes in eleven of the past twelve years resulting in declines in total enrollment (including pre-K) from 4,601 in 2009–10 to 3,740 in 2021–22.

Table 22 describes how the net student migration/transfer figures are computed from the enrollment data. The bottom left cell of “47” means that as the kindergarten class of September 2020 progressed to the first grade in September 2021, it gained 47 students (see Table 20 where kindergarten enrollment in school year 2020–21 was 368 and first grade enrollment in school year 2021–22 is 415 students). Conversely, as the fifth grade class of September

2020 progressed to the sixth grade in September 2021, it declined by sixteen students. Summing across the bottom row of Table 22, one obtains 41, which is the net student migration/transfer gain between September 2020 and September 2021 shown in Table 21.

The largest and most consistent figures in Table 22 reflect the growth in first grade classes versus the prior years' kindergarten classes. This would imply that many first graders in District 112 elementary schools had transferred from private and parochial schools where they attended kindergarten or perhaps due to additional kindergarten home schooling in the 2020–21 school year.

Appendix A contains the enrollment histories and decompositions of annual sources of enrollment change in the seven elementary schools and two middle schools. These tables should be interpreted in a similar manner to Tables 20, 21, and 22 for North Shore School District 112 as a whole.

Table 20

Enrollment History of North Shore School District 112: 2002–1103 to 2021–22

School Year	K	1	2	3	4	5	6	7	8	K–8	Pre-K	Total
2002–03	479	517	489	508	501	476	475	496	481	4,422	89	4,511
2003–04	427	493	498	488	498	487	486	459	487	4,323	98	4,421
2004–05	455	457	484	499	487	490	490	477	461	4,300	96	4,396
2005–06	415	460	459	478	488	465	480	480	482	4,207	114	4,321
2006–07	465	441	467	466	481	491	468	479	473	4,231	137	4,368
2007–08	448	520	444	463	464	478	501	467	483	4,268	149	4,417
2008–09	447	499	505	464	483	484	502	514	473	4,371	202	4,573
2009–10	426	490	512	511	468	481	501	497	513	4,399	202	4,601
2010–11	401	457	475	509	513	464	491	506	516	4,332	199	4,531
2011–12	412	421	458	481	503	518	463	499	496	4,251	190	4,441
2012–13	407	436	438	465	486	509	531	471	501	4,244	194	4,438
2013–14	373	452	441	440	472	481	506	522	456	4,143	169	4,312
2014–15	428	414	461	451	440	469	464	517	520	4,164	202	4,366
2015–16	395	445	412	466	445	433	471	470	519	4,056	202	4,258
2016–17	371	406	432	406	459	431	429	458	466	3,858	204	4,062
2017–18	351	398	390	424	408	446	437	426	456	3,736	207	3,943
2018–19	362	379	399	390	424	402	447	444	417	3,664	224	3,888
2019–20	360	389	384	401	390	427	403	444	441	3,639	242	3,881
2020–21	368	379	383	384	393	396	420	390	431	3,544	146	3,690
2021–22	383	415	389	382	393	402	380	410	383	3,537	203	3,740

Table 21

Decomposition of Annual Sources of Enrollment Change in North Shore School District 112:
September 2002 to September 2021

Transition Year Sept. to Sept.	Change Total Enrollment	Entering K vs. Exiting 8	Net Student Migration/ Transfer	Change Pre-K
2002 to 03	-90	-54	-45	9
2003 to 04	-25	-32	9	-2
2004 to 05	-75	-46	-47	18
2005 to 06	47	-17	41	23
2006 to 07	49	-25	62	12
2007 to 08	156	-36	139	53
2008 to 09	28	-47	75	0
2009 to 10	-70	-112	45	-3
2010 to 11	-90	-104	23	-9
2011 to 12	-3	-89	82	4
2012 to 13	-126	-128	27	-25
2013 to 14	54	-28	49	33
2014 to 15	-108	-125	17	0
2015 to 16	-196	-148	-50	2
2016 to 17	-119	-115	-7	3
2017 to 18	-55	-94	22	17
2018 to 19	-7	-57	32	18
2019 to 20	-191	-73	-22	-96
2020 to 21	50	-48	41	57

Table 22

Net Annual Student migration/Transfer in North Shore School District 112:
September 2002 to September 2021

Transition Year Sept. to Sept.	Grade Transition								Total
	K-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	
2002 to 03	14	-19	-1	-10	-14	10	-16	-9	-45
2003 to 04	30	-9	1	-1	-8	3	-9	2	9
2004 to 05	5	2	-6	-11	-22	-10	-10	5	-47
2005 to 06	26	7	7	3	3	3	-1	-7	41
2006 to 07	55	3	-4	-2	-3	10	-1	4	62
2007 to 08	51	-15	20	20	20	24	13	6	139
2008 to 09	43	13	6	4	-2	17	-5	-1	75
2009 to 10	31	-15	-3	2	-4	10	5	19	45
2010 to 11	20	1	6	-6	5	-1	8	-10	23
2011 to 12	24	17	7	5	6	13	8	2	82
2012 to 13	45	5	2	7	-5	-3	-9	-15	27
2013 to 14	41	9	10	0	-3	-17	11	-2	49
2014 to 15	17	-2	5	-6	-7	2	6	2	17
2015 to 16	11	-13	-6	-7	-14	-4	-13	-4	-50
2016 to 17	27	-16	-8	2	-13	6	-3	-2	-7
2017 to 18	28	1	0	0	-6	1	7	-9	22
2018 to 19	27	5	2	0	3	1	-3	-3	32
2019 to 20	19	-6	0	-8	6	-7	-13	-13	-22
2020 to 21	47	10	-1	9	9	-16	-10	-7	41

The Enrollment Future of the School Districts

The critical question to be addressed is, what will happen to future enrollment in Districts 106, 112, and 113? My analysis of trends in birth to residents of communities served by these school districts and their population projections, anticipated new housing construction and housing turnover for each district, student migration/transfer patterns and kindergarten enrollment trends during the past five years, leads me to forecast slight to modest growth in total enrollment in Districts 106 and 112 over the coming decade. District 113 should experience declines in total enrollment for the next four years and bottom out at 2,885 students in 2028–29 before annually rebounding during the following four years, then stabilizing after 2031–32 at approximately 200 students below its 3,250 current count. Before elaborating these projections and addressing individual schools, let me discuss the factors underlying them.

Table 23 provides information on the annual number of births to residents of study area school districts by ZIP codes for years 1990 to 2020. Observe that declines in births to residents in school Districts 106, 109 and 112 that were significant in the first decade of this century leveled off in District 106 and 109, while continuing to trend downward in recent years in NSSD 112. This would suggest that future kindergarten enrollments will not be declining in District 106 and 109, but might in NSSD 112, though other factors, such as empty-nest housing turnover and new housing construction will play a compensatory role to

its lower birth rates. Indeed, a detailed analysis I did a number of years ago for New Trier Township public elementary schools showed that approximately 70 percent of kindergarten and first grade students came from households that had moved to the elementary school districts during the previous five years (i.e., they were not born to residents of the districts).

As was shown previously, new single-family housing construction has been minimal in the District 113 cities and villages with most new construction of single-family homes teardowns and rebuilds. Yet, with the large number of older empty-nest households in the District 113 communities, considerable housing turnover to younger families with preschool and school-age children may be expected. Regarding multi-family housing construction, which tends to yield relatively few students, information I have received from similar Chicago suburbs suggests that the construction of multi-family units near the town centers appeals to older households who wish to remain in the community and who move to these multi-family units, placing their current, larger single-family homes on the market, many of which are purchased by younger families. This process contributes to demographic rejuvenation of the single-family housing stock and to growth of the suburban cities and villages.

Such growth prospects are corroborated by the Chicago Metropolitan Agency for Planning (CMAP) population forecasts through both 2040 and recently updated through 2050 for local cities and villages. These forecasts are

provided in Table 24. The CMAP forecasts suggest modest population growth overall in the area during the next 15 years. However, let me point out that I have found CMAP forecasts over the years to be on the high side.

Table 23

Births to Residents in ZIP Code Areas Served by Districts 106, 109, 112, and 113:
2000 to 2020

Birth Year	NSSD 112	SD 106 & SD 109	THSD 113
	ZIP 60035& 60040	ZIP 60015	Total
1990	503	382	885
1991	522	367	889
1992	534	412	946
1993	539	389	928
1994	555	352	907
1995	516	383	899
1996	482	334	816
1997	529	364	893
1998	496	333	829
1999	555	356	911
2000	529	327	856
2001	512	390	902
2002	499	317	816
2003	449	315	764
2004	445	312	757
2005	404	295	699
2006	402	273	675
2007	373	295	668
2008	376	264	640
2009	357	211	568

Continued . . .

Table 23—*Continued*

Births to Residents in ZIP Code Areas Served by Districts 106, 109, 112, and 113:
2000 to 2020

Birth Year	NSSD 112	SD 106 & SD 109	THSD 113
	ZIP 60035& 60040	ZIP 60015	Total
2010	315	243	558
2011	328	197	525
2012	304	189	493
2013	347	224	571
2014	325	208	533
2015	358	239	597
2016	333	202	535
2017	288	238	526
2018	316	206	522
2019	302	233	535
2020	255	219	474

Source: Source: Illinois Department of Public Health. 2020 provisional.

Table 24

Population and Housing Forecasts for Villages Served by
Districts 106, 109, 112, and 113: 2020 to 2050

Population							
Municipality	2020	2025	2030	2035	2040	2045	2050
Bannockburn	1,114	1,217	1,327	1,480	1,703	1,703	1,703
Deerfield	18,991	19,735	20,399	21,032	21,522	21,611	21,611
Highland Park	31,185	32,502	33,794	34,868	35,880	36,448	36,448
Highwood	5,802	5,944	6,125	6,304	6,410	6,410	6,410
Riverwoods	3,886	4,047	4,239	4,427	4,536	4,536	4,536
Households							
Municipality	2020	2025	2030	2035	2040	2045	2050
Bannockburn	438	497	556	631	731	731	731
Deerfield	7,260	7,699	8,112	8,467	8,735	8,809	8,813
Highland Park	12,678	13,613	14,508	15,153	15,702	16,004	16,027
Highwood	2,012	2,086	2,186	2,281	2,334	2,337	2,336
Riverwoods	1,443	1,535	1,647	1,747	1,804	1,810	1,811

Source: ^a U.S. Bureau of the Census. ^b Chicago Metropolitan Agency for Planning. ON TO 2050 Forecast of Population, Households and Employment. 2018.

Projection Methodology

In projecting enrollment for the school districts and individual schools in Districts 106, 112 and 113, 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 either middle school or high school enrollment projections until after 2030–31. They will not affect the elementary schools until after 2026–27. This is because children who will be reaching kindergarten during the next five years are already born, as are those who will reach the sixth grade and above through 2030. Fertility rate changes during the next five years could affect some elementary school district enrollments beginning with school year 2027–28. However, demographic surveys of younger middle and upper-income adults do not lead one to expect significant changes in their fertility rates during the next five years, although the absolute number of births in the districts could rise if increasing numbers of younger households move into the districts. For this reason, all projections will assume that fertility rates (births per woman) remain near existing levels through 2026.

The second and most critical factor for future enrollment in the schools is net student in-migration resulting from new housing development in various school districts and turnover of existing housing units. New single-family

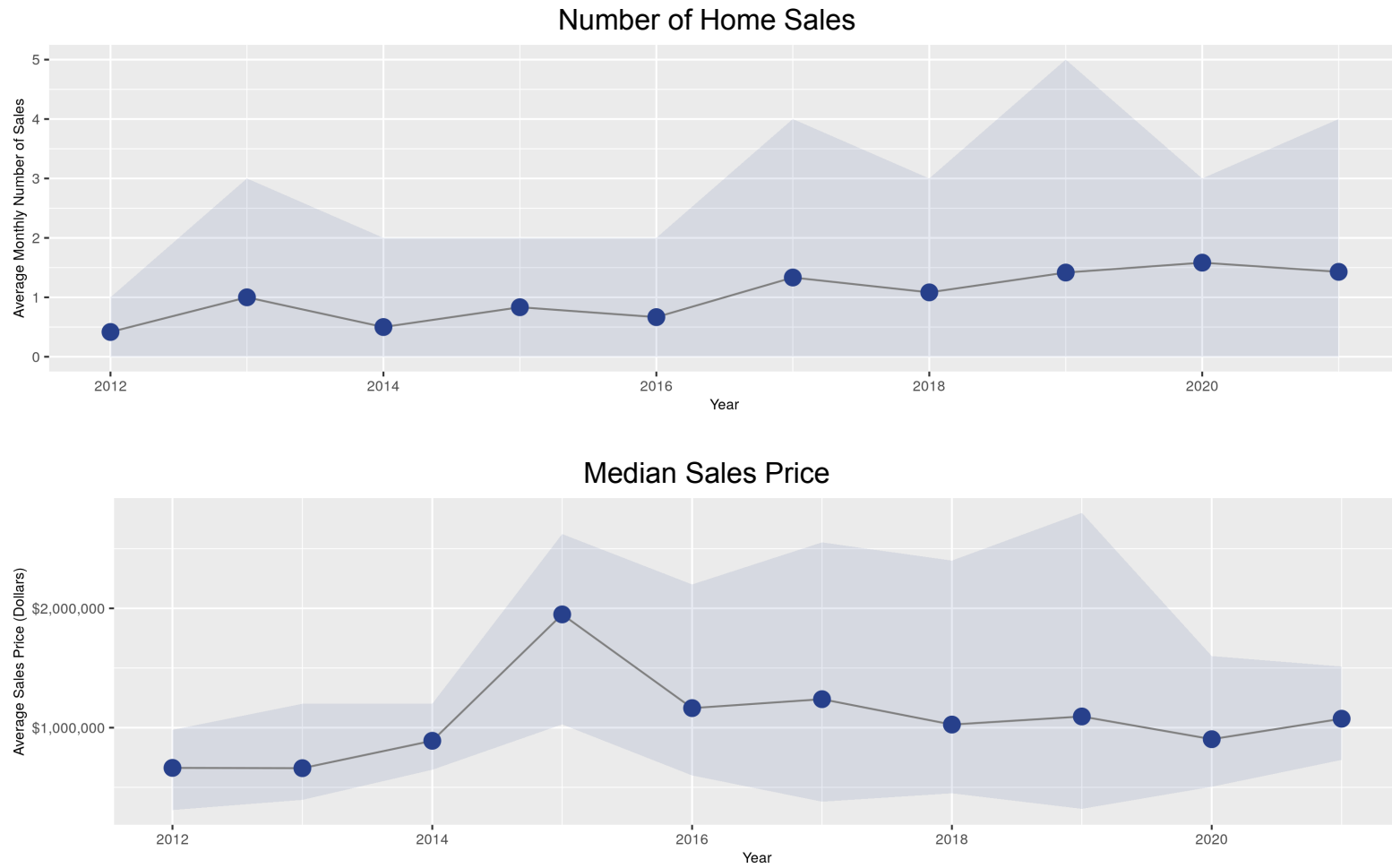
housing construction is expected to be limited as was indicated in new housing permit data in the cities and villages in the District 113 attendance area and expectations of local planners and officials. Multi-family unit construction, which was particularly large during the past 18 months in the Indian Trail attendance area of NSSD 112, is expected to have more indirect effects in the future. However, currently unknown or unanticipated new housing development in all districts could boost enrollment in the impacted district.

By far, though, the primary factor affecting future enrollment will be the turnover of existing single-family units to younger households with preschool and school-age children. Given the large number of residents 65 years and older in the District 113 area, as shown in Table 3, I've suggested that empty-nest housing turnover to younger families should be solid in the decade ahead.

This uptick in housing sales has already commenced in the average monthly number of sales and median sales price of homes in the District 113 cities and villages, as illustrated in Exhibits 2 through 6. Barring a recession, substantially increased mortgage interest rates, or unanticipated disruptive events, housing sales in local communities should remain robust.

Exhibit 2

Average Monthly Home Sales and Median Sales Price in Bannockburn, IL

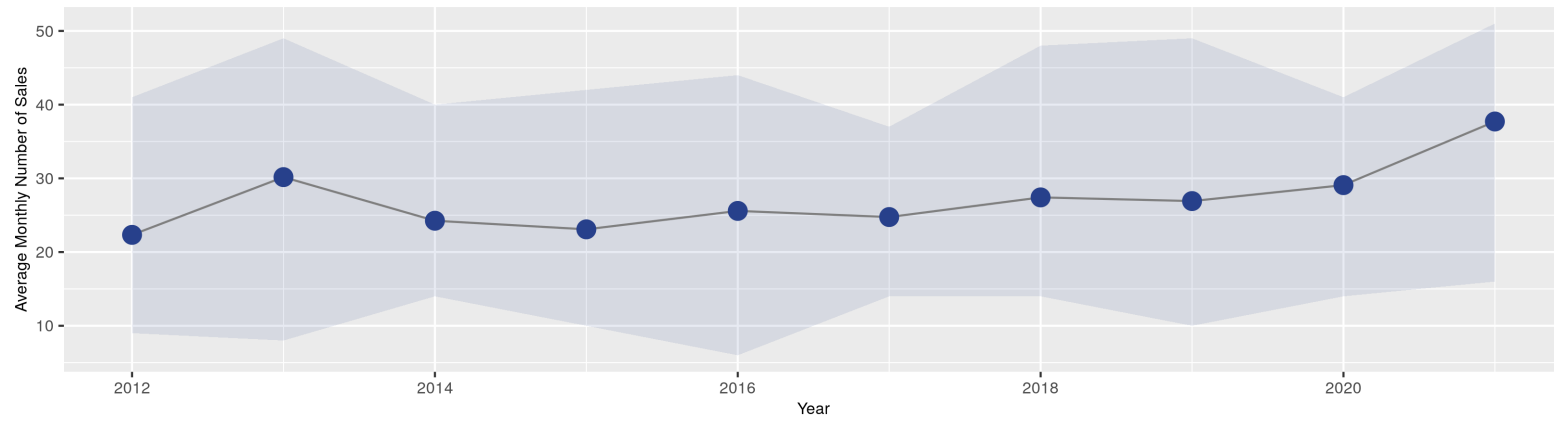


Source: Redfin.

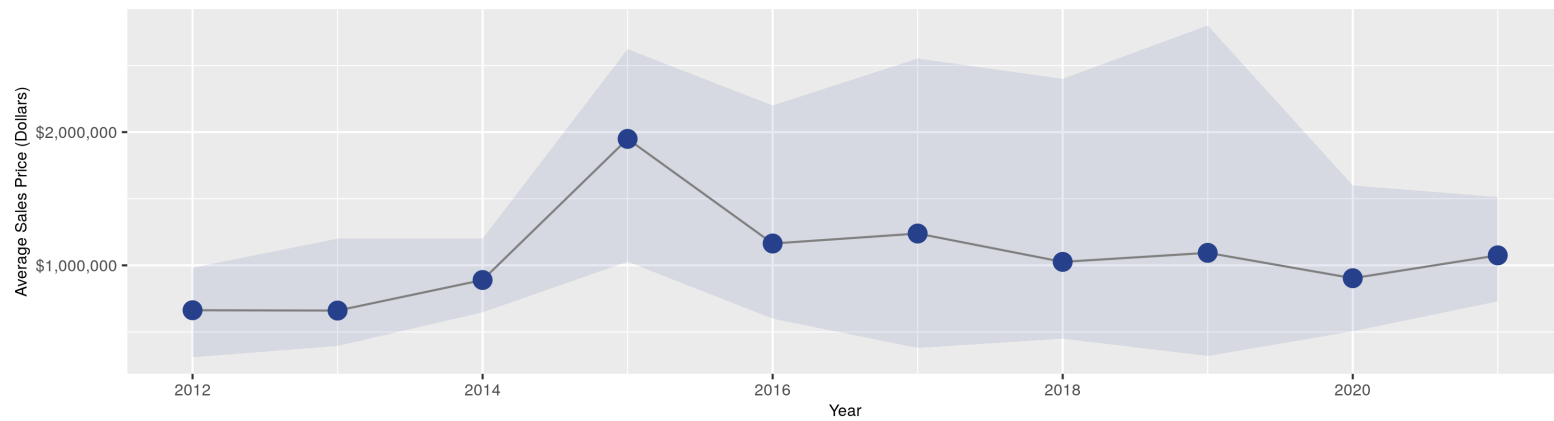
Exhibit 3

Average Monthly Home Sales and Median Sales Price in Deerfield, IL

Number of Home Sales



Median Sales Price

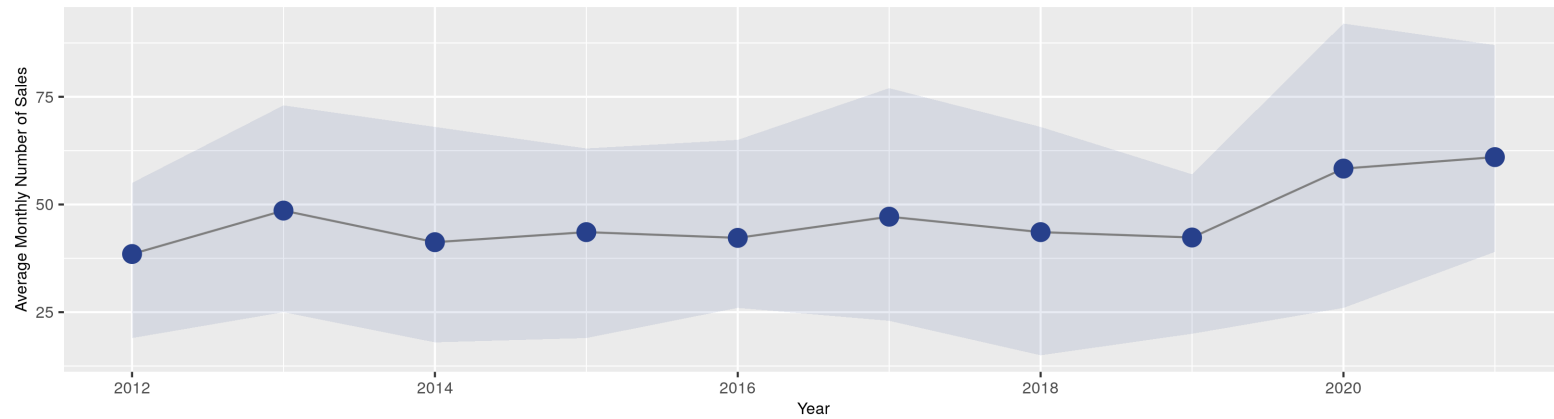


Source: Redfin.

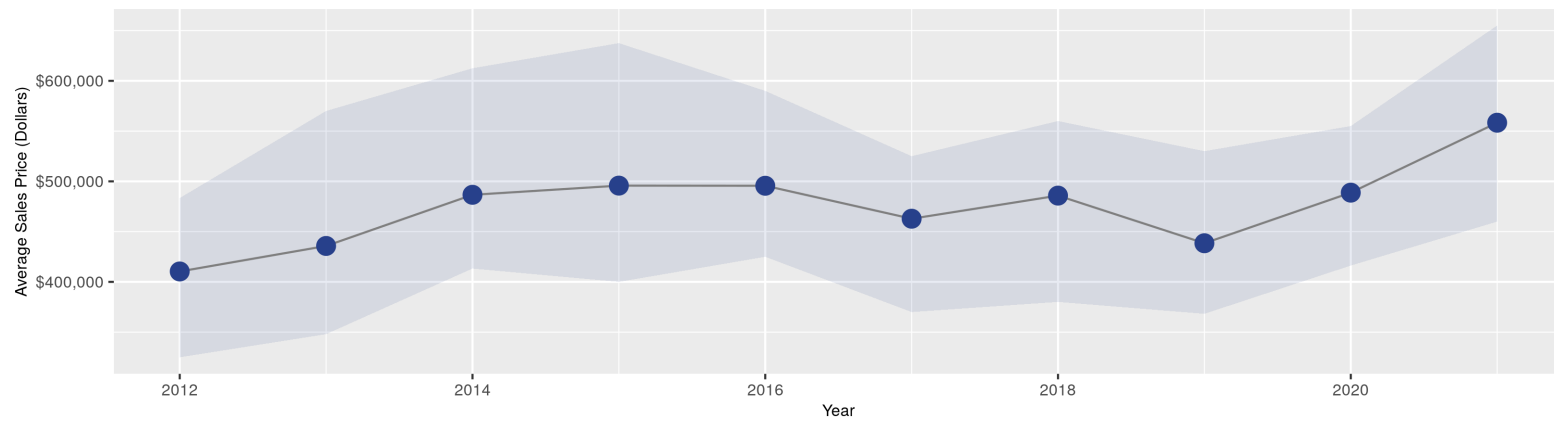
Exhibit 4

Average Monthly Home Sales and Median Sales Price in Highland Park

Number of Home Sales



Median Sales Price

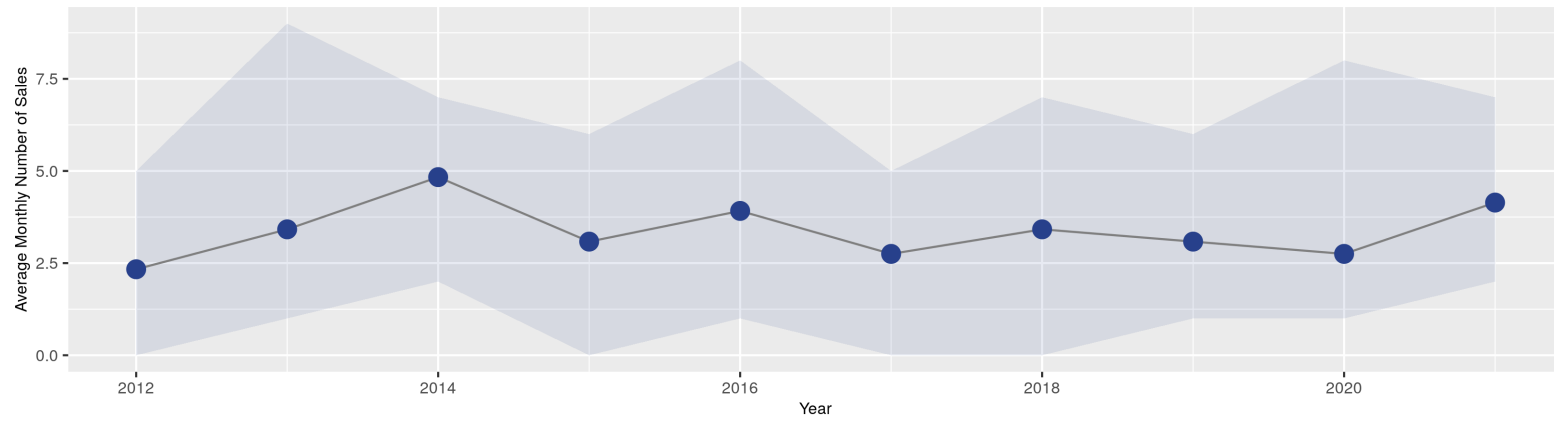


Source: Redfin.

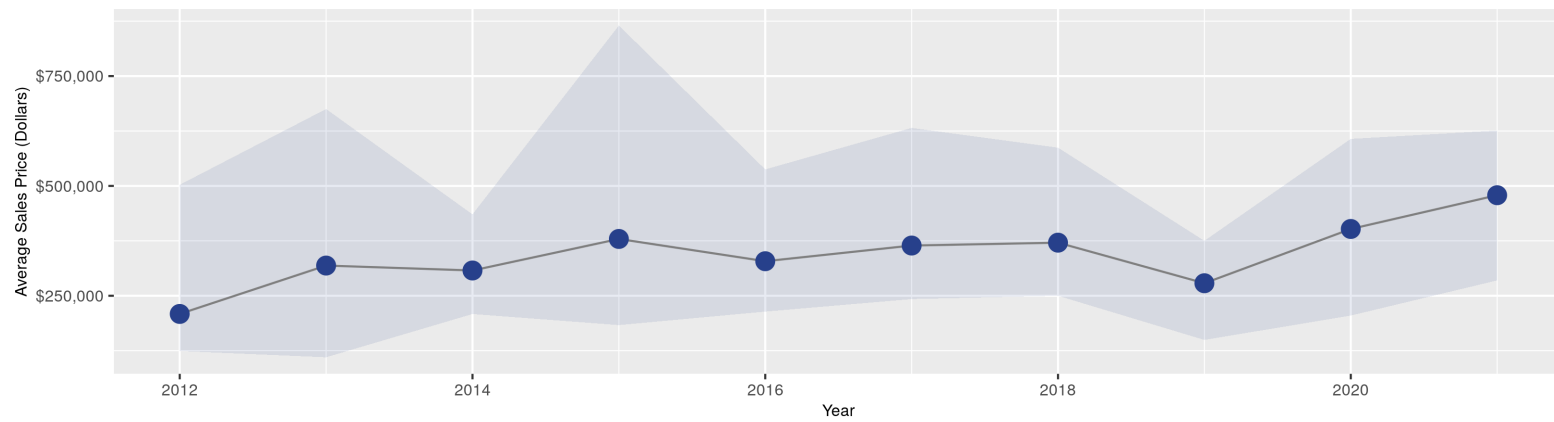
Exhibit 5

Average Monthly Home Sales and Median Sales Price in Highwood, IL

Number of Home Sales



Median Sales Price

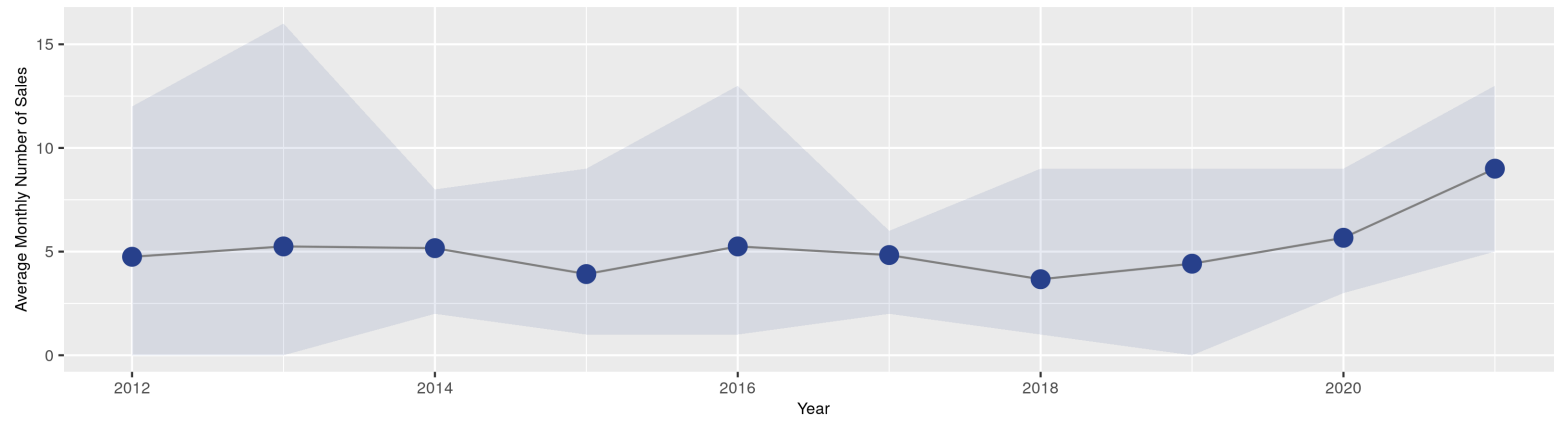


Source: Redfin.

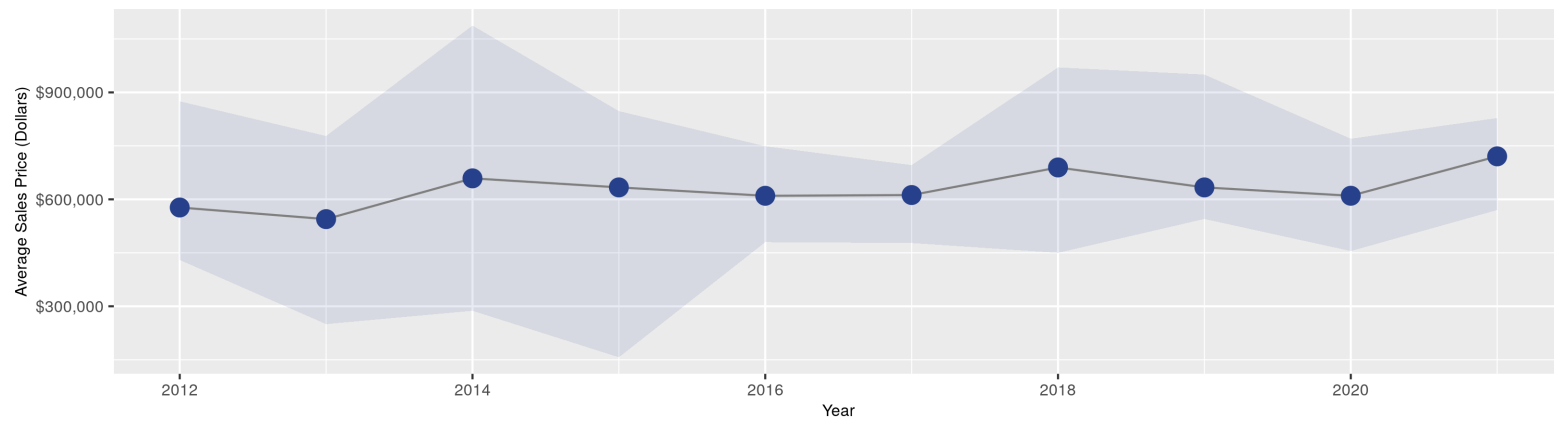
Exhibit 6

Average Monthly Home Sales and Median Sales Price in Riverwoods, IL

Number of Home Sales



Median Sales Price



Source: Redfin.

Because future student migration patterns could vary substantially, predicated on the degree of new housing development and, in particular, housing turnover in the school districts, three sets of enrollment projections by grade and by year through 2031–32 will be provided for Bannockburn School District 106 and North Shore School District 112 and through 2036–37 for Township High School District 113. These projections will be based on the following assumptions:

- Series A* Enrollment projection assuming future fertility rates remain fairly constant (through 2026) and both turnover of existing housing units and future new residential development *are less than currently anticipated* through 2031–32;
- Series B* Enrollment projection assuming future fertility rates remain fairly constant (through 2026) and both turnover of existing housing units and future new residential development *occur as anticipated* through 2031–32;
- Series C* Enrollment projection assuming future fertility rates remain fairly constant (through 2026) and both turnover of existing housing units and future new residential development *are greater than currently anticipated* through 2031–32.

These three projection series provide, respectively, the minimum (Series A), the most likely (Series B), and the maximum (Series C) forecasted enrollments. I will also produce three series of enrollment projections for NSSD 112's elementary schools through 2026–27 and for its two middle schools through 2031–32.

The basic methodology used to make the three series of enrollment projections is a modified cohort survival procedure. Average survival progressions were computed for each grade transition in each district for the past four years. These average survival progressions were adjusted for perturbations (a single year inconsistency) then applied to compute baseline enrollment projections (via conventional cohort survival techniques) for each district. The sizes of future entering kindergarten classes were estimated using estimated births to residents in each district, recent trends in their kindergarten enrollments, and anticipated future housing construction and turnover in each district.

The next step was to adjust projected enrollment each year in grades 1 through 12 for anticipated new residential development. Future new housing development estimates were made primarily by local officials. Previous experience shows that these estimates are often predicted upon planned developments proceeding smoothly, which often turns out not to be the case. Housing turnover tends to be a bit more predictable.

To obtain the Series B enrollment projections, the most recent housing forecasts were worked into the cohort-survival models which reflected the average student migration/transfer rates in each district during the past four years. My baseline Series B assumption, though, is that the local housing market

conditions should remain reasonably solid over the forecasted period with recent years housing turnover rates continuing during the coming decade.

Series A projections are less optimistic, reducing the anticipated amount of in-migration of families with preschool and school-age children to existing housing units, compared to present net student migration rates. It also assumes less new housing construction than is currently anticipated over the next five to fifteen years.

Series C projections assume that new housing development will be more robust than is currently anticipated. Series C further assumes increases in the amount of future in-migration of families with preschool and school-age children to existing housing units in each district (due to accelerated housing turnover) will be above that currently anticipated of Series B.

Pre-K and special education classes (when not mainstreamed), as well as dual-language school enrollment, which constitute two of the seven elementary schools in NSSD 122, are more difficult to forecast. For NSSD 112, I expect this year's rebound in pre-K to remain and that dual-language school enrollments will modestly reflect recent trends at the two dual-language schools

Enrollment Projections

As described above, district-wide enrollment projections for Bannockburn School District 106 and North Shore School District 112 will be made, by year and by grade, through 2031–32, with supplementary sets of projections for individual schools in NSSD 112. Grade-by-grade, year-by-year projections will also be made for Township High School District 113 as a whole and for each of its two high schools through 2034–35.

Bannockburn Elementary School District 106

Tables 25A, 25B, and 25C present the enrollment projections for Bannockburn District 106 under Series A, Series B and Series C assumptions. If new housing development and housing turnover occur as anticipated (Series B, Table 25B), total District 106 enrollment will climb modestly from 153 at present (sixth-day 2021–22) to 169 students in 2031–32. Under the Series A low younger family immigration assumptions (Table 25A), total district enrollment will decline to 138 students in 2031–32. Under the Series C assumptions (Table 25C), which are based on greater than anticipated new housing development and housing turnover, total enrollment will slowly rise to 200 students in 2031–32. Although the Series B projections are the mostly likely, should all 50 acres of land currently for sale in Bannockburn be residentially developed along with a significant amount of vacant land in the village that is not for sale develop as well, Series C

is a possibility. On the other hand, should upscale housing market conditions deteriorate in the decade ahead, Series A cannot be ruled out either. My professional judgment, however, is that Series B is the projection with the highest probability of eventuating.

Table 25A

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Less than Currently Anticipated through 2031–32

Bannockburn School District 106

<i>Series A Projection</i>											
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27	2027–28	2028–29	2029–30	2030–31	2031–32
K	14	13	16	15	14	14	16	15	16	15	15
1	21	16	15	18	17	16	16	18	17	18	17
2	12	19	14	13	16	15	15	15	17	16	17
3	19	11	18	13	12	15	15	15	15	17	16
4	16	18	10	17	12	11	15	15	15	15	17
5	16	14	16	8	15	10	10	14	14	14	14
6	16	17	15	17	9	16	11	11	15	15	15
7	24	15	16	14	16	8	15	10	10	14	14
8	15	23	14	15	13	15	7	14	9	9	13
Total	153	146	134	130	124	120	120	127	128	133	138

Table 25B

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Occur as Currently Anticipated through 2031–32

Bannockburn School District 106

<i>Series B Projection</i>											
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27	2027–28	2028–29	2029–30	2030–31	2031–32
K	14	15	17	16	15	15	17	16	18	17	18
1	21	17	18	20	19	18	17	19	18	20	19
2	12	20	16	17	19	18	17	16	18	17	19
3	19	13	21	17	18	20	19	18	17	19	18
4	16	19	13	21	17	18	20	19	18	17	19
5	16	15	18	12	20	16	17	19	18	17	16
6	16	18	17	20	14	22	18	19	21	20	19
7	24	16	18	17	20	14	22	18	19	21	20
8	15	24	16	18	17	20	14	22	18	19	21
Total	153	157	154	158	159	161	161	166	165	167	169

Table 25C

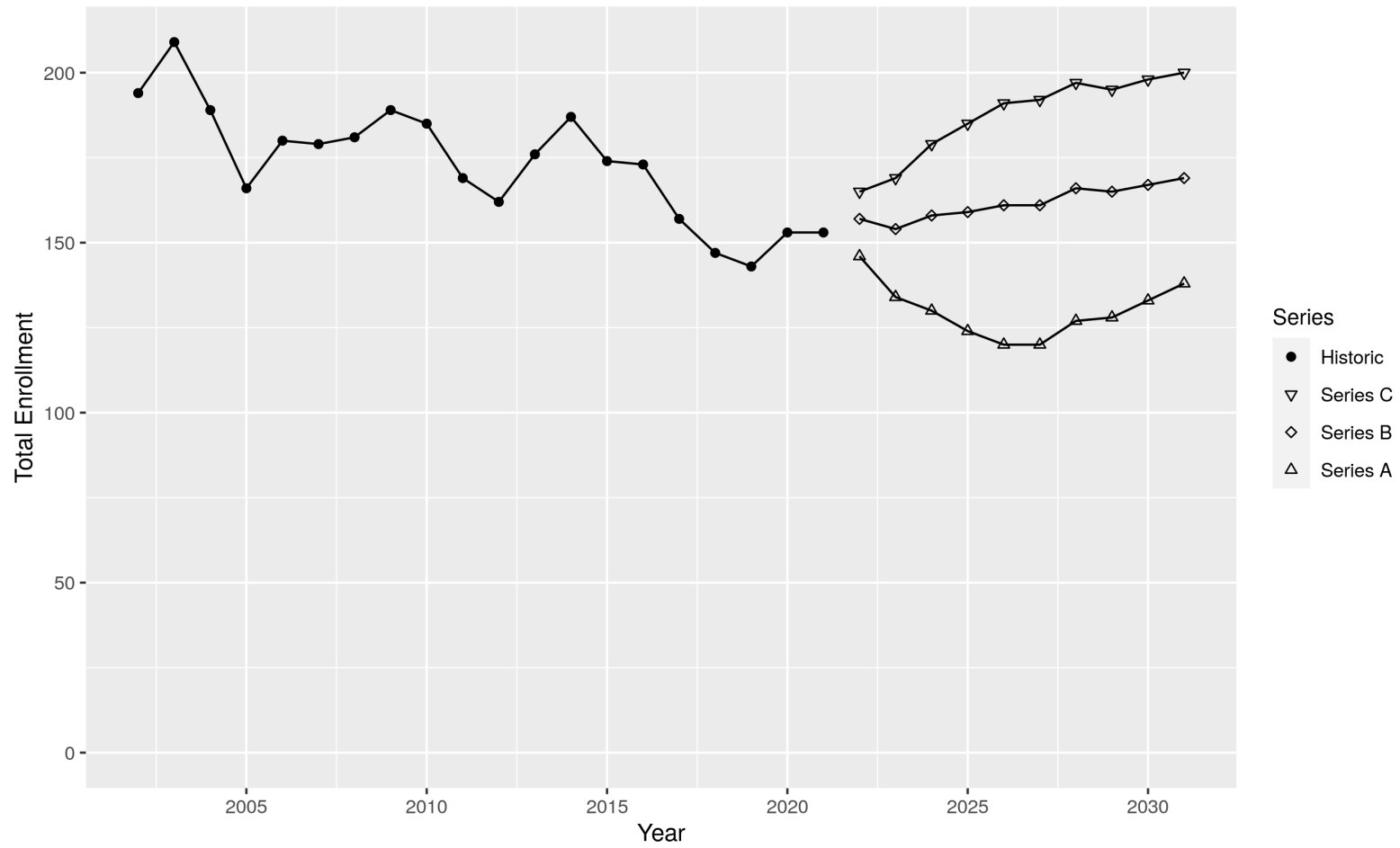
Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Greater than Currently Anticipated through 2031–32

Bannockburn School District 106

<i>Series C Projection</i>											
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27	2027–28	2028–29	2029–30	2030–31	2031–32
K	14	16	18	17	16	16	18	17	19	19	20
1	21	17	19	21	20	19	18	20	19	21	21
2	12	21	17	19	21	20	19	18	20	19	21
3	19	14	23	19	21	23	21	20	19	21	20
4	16	20	15	24	20	22	24	22	21	20	22
5	16	16	20	15	24	20	22	24	22	21	20
6	16	19	19	23	18	27	22	24	26	24	23
7	24	17	20	20	24	19	28	23	25	27	25
8	15	25	18	21	21	25	20	29	24	26	28
Total	153	165	169	179	185	191	192	197	195	198	200

Exhibit 7

Historical and Projected Total Enrollment for Bannockburn SD 106 under Series A, Series B and Series C Assumptions



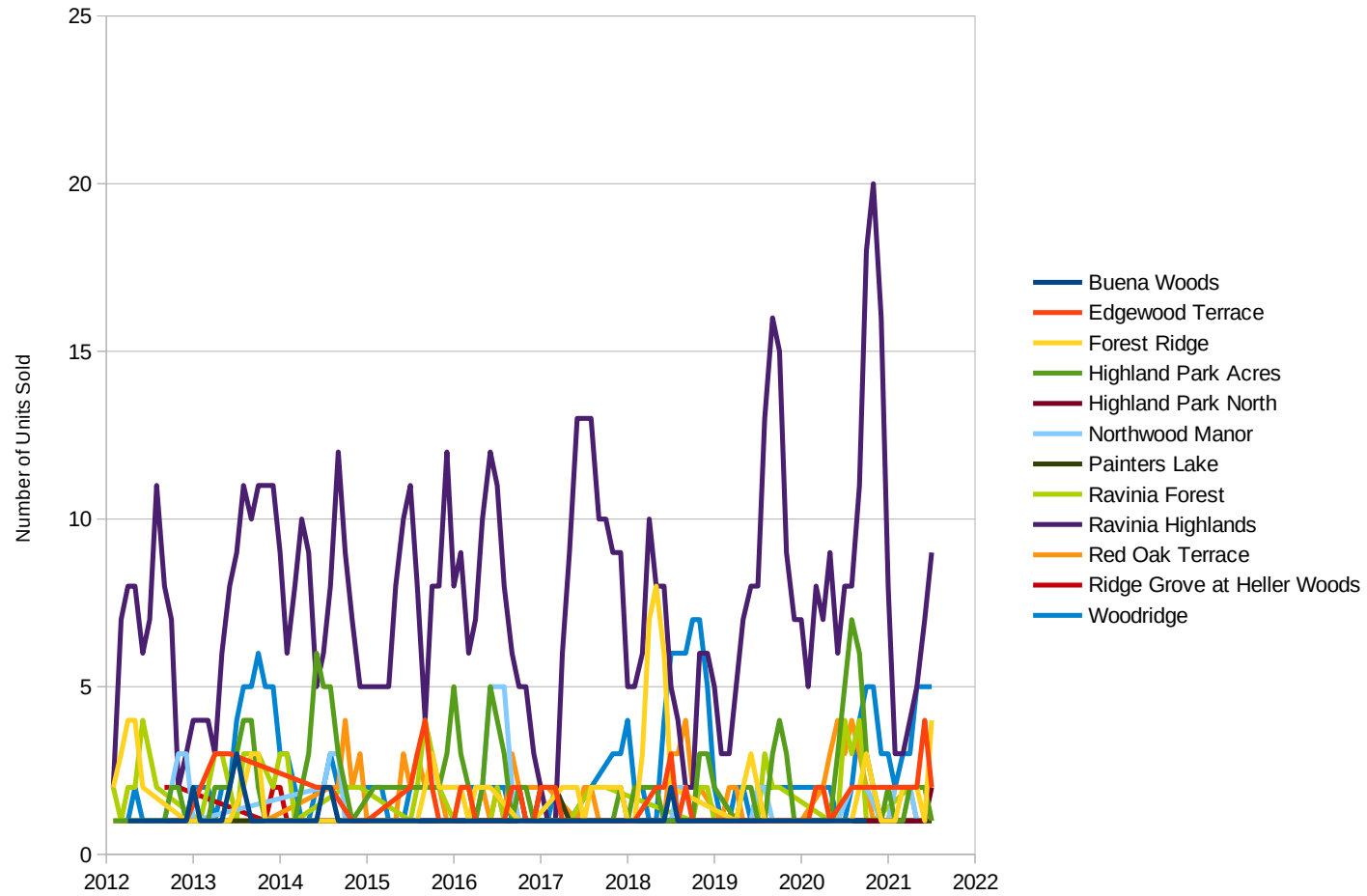
North Shore School District 112

Most new housing development will be in Highland Park where city officials expect approximately 125 new single-family housing units (about 25 per year) to be constructed over the next five years. The vast majority of these will likely be new replacement homes for teardowns rather than net additional single-family housing units. A substantial amount of multi-family housing development (mostly apartment) is anticipated, especially in the Indian Trail Elementary School attendance area, as well as within the Wayne Thomas attendance area in Highwood.

As I have stressed, housing turnover will be the key driver, however, with prior Exhibits 4 and 5 showing the recent upticks in Highland Park and Highwood. Exhibit 8, which shows monthly residential home sales in Highland Park neighborhoods, provides further verification this recent uptick. As noted previously, with the large number of Highland Park residents 65 years of age and older (Table 3), future housing turnover of empty-nest households to younger families should remain robust over the coming decade. Despite recent years declines in births to North Shore School District 112 residents, this housing turnover (along with select new multi-family housing development such as in the Indian Trail and Wayne Thomas attendance areas) should keep near term kindergarten enrollments stable.

Exhibit 8

Monthly Number of Homes Sales in Highland Park by Neighborhood



Source: Redfin.

North Shore School District 112 Enrollment Projections

Tables 26A through 34C provide the grade by grade and year by year projections through school year 2026–27 for each of North Shore School District 112’s seven elementary schools and through 2031–32 for Edgewood Middle School and Northwood Middle School 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 trends at each school, focusing on Series B, which I believe is the most likely.

If new housing development, housing turnover and family in-migration occur as anticipated in each elementary school attendance area, the Series B projections show that Braeside will inch up from 269 students in this fall’s sixth-day count to 290 students in 2024–25 and then stabilize. Indian Trail will rise a bit faster from its present (sixth-day) 452 count to 497 in 2025–26 then level off. Oak Terrace will drop from 426 students this fall to 384 students in 2024–25 and flatten. Conversely, Ravinia will grow from 255 students this fall to 276 students in fall 2024 before stabilizing. Red Oak will decline from 230 students this fall to 206 students in 2023–24 before leveling off. Sherwood is projected to expand from 403 students currently to 455 students in four years, while Wayne Thomas should steadily increase from 329 this fall to 376 students in 2026–27.

In projecting the middle school enrollments, Braeside, Indian Trail, Ravinia and Sherwood are assumed to continue to feed Edgewood Middle School, while Oak Terrace, Red Oak, and Wayne Thomas are assumed to continue to feed Northwood Middle School. The fifth-grade to sixth-grade progressions from these school to Edgewood and Northwood also take into account transfers from private and parochial schools as well as student in-migration from out of the district.

Under the most likely Series B assumptions, enrollment at Edgewood Middle School will modestly decline from 683 this fall to 653 in 2023–24. Its enrollment will then climb to 790 students in 2028–29 before dropping back slightly to the 770 range.

Northwood Middle School should rise next year to 509 students from its current 490 count. Northwood’s enrollment will then decline to 460 students in 2026–27 then modestly climb back to 487 students in 2031–32.

An important caveat should be reiterated regarding enrollment projections for the individual elementary schools. A number of these schools have had fluctuating annual kindergarten enrollments over the past few years. This makes accurate estimates of their future year-by-year kindergarten counts a challenge. Another challenge comes with estimating future pre-K enrollments, which largely rebounded this year after last year’s COVID-induced drop. Here, I

used best professional judgment for their forecasts in the total District projections, to which I will turn shortly.

Another caveat relates to enrollment projections beyond school year 2026–27. At the middle school level, projections for the next five years can be made with more confidence than for the five years following 2026–27, since most students who will enter the middle school through 2026–27 are already enrolled in their respective elementary feeder schools. Afterwards, we are projecting many students yet to even register in District 112 elementary schools. For the individual elementary schools, these small-area projections beyond 2026–27 would include students yet to be born. It is for this reason that I projected individual elementary schools only to 2026–27. Projections thereafter are provided, however, for the aggregate elementary school enrollment in District 112 to 2030–31, based on assumptions noted, since this is less risky than projecting individual elementary schools (relatively smaller areas) beyond 2026–27.

Tables 35A, 35B, and 35C 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 2031–32. *These aggregate projections, which include a small number of out of district student placements, were made based on district-wide data and analysis, and were made independently of the individual school enrollment projections which exclude out of district placements.* You will see, though, that for Series B, the sum of the

individual school projections comes quite close to the independently projected District 112 Series B total amounts for grades K–8. Series A district-wide K–8 totals will be higher than the sum of individual school Series A projections since it is unlikely that all schools will simultaneously follow the low Series. The converse holds for the district-wide Series C K–8 projections, which will be lower than the sum of the individual schools Series C projections. I should also point out that the total district-wide projections exclude students who reside in NSSD 112 but who attend special schools outside the District.

Should housing development, housing turnover, and student in-migration be less than anticipated (Series A), Table 35A reveals that total NSSD 112 enrollment, which this fall stood at 3,758 (including pre-K), will decline to 3,392 in 2026–27. Total District enrollment will then stabilize at slightly above that number. While the Series A projections may be considered too conservative by many, they should not be dismissed out of hand. If the nation slips back into a prolonged recession or if mortgage interest rates rise substantially, housing turnover will slow and such enrollment numbers are possible.

Should housing development, housing turnover, and resulting student in-migration occur as we anticipate, the Series B projections presented in Table 35B show that total NSSD 112 enrollment will be fairly stable over the next four years reaching 3,799 in 2024–25. Total District enrollment (including pre-K) will commence a slow annual slow thereafter reaching 3,934 students in 2031–32. 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. Given the large number of NSSD 112 area residents over age 65 (see Table 3), however, it is possible that empty-nest housing turnover could push future enrollment in some schools and the District as a whole above Series B

If the future housing development, housing turnover, and student immigration exceed current expectations, Series C projections presented in Table 35C show total that NSSD 112 total enrollment (including pre-K) will steadily increase to 4,318 students in 2031–32. My judgment is that Series C is the upper limit enrollment parameter for District 112 over the coming decade.

Exhibits 9, 10, and 11 provide graphic summaries of historic enrollment annually from 2002–03 to 2020–21 and projected annually from 2021–22 to 2030–31 under Series A, Series B, and Series C assumptions for combined grades K–5, 6–8, and K–8.

Table 26A

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Less than Currently Anticipated through 2026–27

North Shore School District 112
Braeside

<i>Series A Projection</i>						
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27
K	45	39	42	37	41	41
1	47	46	40	43	38	42
2	50	47	46	40	43	38
3	39	50	47	46	40	43
4	48	36	47	44	43	37
5	40	46	34	45	42	41
K–5	269	264	256	255	247	242
Pre-K	0	0	0	0	0	0
Total	269	264	256	255	247	242

Table 26B

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Occur as Currently Anticipated through 2026–27

North Shore School District 112
Braeside

<i>Series B Projection</i>						
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27
K	45	43	46	40	44	45
1	47	48	46	49	43	47
2	50	49	50	48	51	45
3	39	52	51	52	50	53
4	48	38	51	50	51	49
5	40	48	38	51	50	51
K–5	269	278	282	290	289	290
Pre-K	0	0	0	0	0	0
Total	269	278	282	290	289	290

Table 26C

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Greater than Currently Anticipated through 2026–27

North Shore School District 112
Braeside

<i>Series C Projection</i>						
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27
K	45	47	50	44	48	49
1	47	50	52	55	49	53
2	50	51	54	56	59	53
3	39	54	55	58	60	63
4	48	40	55	56	59	61
5	40	50	42	57	58	61
K–5	269	292	308	326	333	340
Pre-K	0	0	0	0	0	0
Total	269	292	308	326	333	340

Table 27A

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Less than Currently Anticipated through 2026–27

North Shore School District 112
Indian Trail

<i>Series A Projection</i>						
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27
K	75	65	67	68	68	66
1	83	80	70	72	73	73
2	72	82	79	69	71	72
3	80	72	82	79	69	71
4	71	79	71	81	78	68
5	71	71	79	71	81	78
K–5	452	449	448	440	440	428
Pre-K	0	0	0	0	0	0
Total	452	449	448	440	440	428

Table 27B

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Occur as Currently Anticipated through 2026–27

North Shore School District 112
Indian Trail

<i>Series B Projection</i>						
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27
K	75	70	72	74	73	74
1	83	84	79	81	83	82
2	72	84	85	80	82	84
3	80	74	86	87	82	84
4	71	81	75	87	88	83
5	71	73	83	77	89	90
K–5	452	466	480	486	497	497
Pre-K	0	0	0	0	0	0
Total	452	466	480	486	497	497

Table 27C

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Greater than Currently Anticipated through 2026–27

North Shore School District 112
Indian Trail

<i>Series C Projection</i>						
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27
K	75	75	77	79	78	79
1	83	87	87	89	91	90
2	72	86	90	90	92	94
3	80	76	90	94	94	96
4	71	83	79	93	97	97
5	71	75	87	83	97	101
K–5	452	482	510	528	549	557
Pre-K	0	0	0	0	0	0
Total	452	482	510	528	549	557

Table 28A

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Less than Currently Anticipated through 2026–27

North Shore School District 112
Oak Terrace

<i>Series A Projection</i>						
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27
K	65	63	62	61	63	62
1	67	66	64	63	62	64
2	67	60	59	57	56	55
3	64	64	57	56	54	53
4	74	60	60	53	52	50
5	89	72	58	58	51	50
K–5	426	385	360	348	338	334
Pre-K	0	0	0	0	0	0
Total	426	385	360	348	338	334

Table 28B

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Occur as Currently Anticipated through 2026–27

North Shore School District 112
Oak Terrace

<i>Series B Projection</i>						
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27
K	65	67	66	65	67	66
1	67	68	70	69	68	70
2	67	62	63	65	64	63
3	64	66	61	62	64	63
4	74	62	64	59	60	62
5	89	74	62	64	59	60
K–5	426	399	386	384	382	384
Pre-K	0	0	0	0	0	0
Total	426	399	386	384	382	384

Table 28C

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Greater than Currently Anticipated through 2026–27

North Shore School District 112
Oak Terrace

<i>Series C Projection</i>						
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27
K	65	71	70	69	71	71
1	67	70	76	75	74	76
2	67	64	67	73	72	71
3	64	68	65	68	74	73
4	74	64	68	65	68	74
5	89	76	66	70	67	70
K–5	426	413	412	420	426	435
Pre-K	0	0	0	0	0	0
Total	426	413	412	420	426	435

Table 29A

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Less than Currently Anticipated through 2026–27

North Shore School District 112
Ravinia

<i>Series A Projection</i>						
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27
K	38	38	36	38	39	40
1	50	38	38	36	38	39
2	44	50	38	38	36	38
3	43	44	50	38	38	36
4	34	42	43	49	37	37
5	46	33	41	42	48	36
K–5	255	245	246	241	236	226
Pre-K	0	0	0	0	0	0
Total	255	245	246	241	236	226

Table 29B

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Occur as Currently Anticipated through 22026–27

North Shore School District 112
Ravinia

<i>Series B Projection</i>						
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27
K	38	42	40	41	43	44
1	50	40	44	42	43	45
2	44	52	42	46	44	45
3	43	46	54	44	48	46
4	34	44	47	55	45	49
5	46	35	45	48	56	46
K–5	255	259	272	276	279	275
Pre-K	0	0	0	0	0	0
Total	255	259	272	276	279	275

Table 29C

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Greater than Currently Anticipated through 2026–27

North Shore School District 112
Ravinia

<i>Series C Projection</i>						
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27
K	38	46	44	45	47	48
1	50	42	50	48	49	51
2	44	54	46	54	52	53
3	43	48	58	50	58	56
4	34	46	51	61	53	61
5	46	37	49	54	64	56
K–5	255	273	298	312	323	325
Pre-K	0	0	0	0	0	0
Total	255	273	298	312	323	325

Table 30A

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Less than Currently Anticipated through 2026–27

North Shore School District 112
Red Oak

<i>Series A Projection</i>						
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27
K	34	34	33	37	38	36
1	34	30	30	29	33	34
2	42	29	25	25	24	28
3	33	38	25	21	21	20
4	39	32	37	24	20	20
5	48	38	31	36	23	19
K–5	230	201	181	172	159	157
Pre-K	0	0	0	0	0	0
Total	230	201	181	172	159	157

Table 30B

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Occur as Currently Anticipated through 2026–27

North Shore School District 112
Red Oak

<i>Series B Projection</i>						
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27
K	34	38	36	40	41	39
1	34	32	36	34	38	39
2	42	31	29	33	31	35
3	33	40	29	27	31	29
4	39	34	41	30	28	32
5	48	40	35	42	31	29
K–5	230	215	206	206	200	203
Pre-K	0	0	0	0	0	0
Total	230	215	206	206	200	203

Table 30C

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Greater than Currently Anticipated through 2026–27

North Shore School District 112
Red Oak

<i>Series C Projection</i>						
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27
K	34	43	40	42	44	43
1	34	34	43	40	42	44
2	42	33	33	42	39	41
3	33	42	33	33	42	39
4	39	36	45	36	36	45
5	48	42	39	48	39	39
K–5	230	230	233	241	242	251
Pre-K	0	0	0	0	0	0
Total	230	230	233	241	242	251

Table 31A

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Less than Currently Anticipated through 2026–27

North Shore School District 112
Sherwood

<i>Series A Projection</i>						
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27
K	70	61	64	61	58	64
1	80	75	66	69	66	63
2	56	78	73	64	67	64
3	64	52	74	69	60	63
4	71	66	54	76	71	62
5	62	72	67	55	77	72
K–5	403	404	398	394	399	388
Pre-K	0	0	0	0	0	0
Total	403	404	398	394	399	388

Table 31B

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Occur as Currently Anticipated through 2026–27

North Shore School District 112
Sherwood

<i>Series B Projection</i>						
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27
K	70	66	69	66	63	69
1	80	78	74	77	74	71
2	56	81	79	75	78	75
3	64	54	79	77	73	76
4	71	68	58	83	81	77
5	62	74	71	61	86	84
K–5	403	421	430	439	455	452
Pre-K	0	0	0	0	0	0
Total	403	421	430	439	455	452

Table 31C

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Greater than Currently Anticipated through 2026–27

North Shore School District 112
Sherwood

<i>Series C Projection</i>						
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27
K	70	71	73	70	68	74
1	80	80	81	83	80	78
2	56	83	83	84	86	83
3	64	56	83	83	84	86
4	71	70	62	89	89	90
5	62	76	75	67	94	94
K–5	403	436	457	476	501	505
Pre-K	0	0	0	0	0	0
Total	403	436	457	476	501	505

Table 32A

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Less than Currently Anticipated through 2026–27

North Shore School District 112
Wayne Thomas

<i>Series A Projection</i>						
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27
K	56	44	48	49	47	47
1	54	62	50	54	55	53
2	58	54	62	50	54	55
3	59	55	51	59	47	51
4	56	58	54	50	58	46
5	46	55	57	53	49	57
K–5	329	328	322	315	310	309
Pre-K	0	0	0	0	0	0
Total	329	328	322	315	310	309

Table 32B

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Occur as Currently Anticipated through 2026–27

North Shore School District 112
Wayne Thomas

<i>Series B Projection</i>						
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27
K	56	48	54	56	54	55
1	54	65	57	63	65	63
2	58	56	67	59	65	67
3	59	57	55	66	58	64
4	56	60	58	56	67	59
5	46	57	61	59	57	68
K–5	329	343	352	359	366	376
Pre-K	0	0	0	0	0	0
Total	329	343	352	359	366	376

Table 32C

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Greater than Currently Anticipated through 2026–27

North Shore School District 112
Wayne Thomas

<i>Series C Projection</i>						
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27
K	56	54	58	60	58	59
1	54	67	65	69	71	69
2	58	58	71	69	73	75
3	59	59	59	72	70	74
4	56	62	62	62	75	73
5	46	59	65	65	65	78
K–5	329	359	380	397	412	428
Pre-K	0	0	0	0	0	0
Total	329	359	380	397	412	428

Table 33A

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Less than Currently Anticipated through 2031–32

North Shore School District 112
Edgewood Middle School

<i>Series A Projection</i>											
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27	2027–28	2028–29	2029–30	2030–31	2031–32
6	223	202	205	204	196	231	219	194	200	195	197
7	233	216	195	198	197	189	227	215	190	196	191
8	227	228	211	190	193	192	185	223	211	186	192
Total	683	646	611	592	586	612	631	632	601	577	580

Table 33B

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Occur as Currently Anticipated through 2031–32

North Shore School District 112
Edgewood Middle School

<i>Series B Projection</i>											
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27	2027–28	2028–29	2029–30	2030–31	2031–32
6	223	213	224	231	231	275	264	257	263	257	259
7	233	221	211	222	229	229	273	262	255	261	255
8	227	230	218	208	219	226	227	271	260	253	259
Total	683	664	653	661	679	730	764	790	778	771	773

Table 33C

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Greater than Currently Anticipated through 2031–32

North Shore School District 112
Edgewood Middle School

<i>Series C Projection</i>											
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27	2027–28	2028–29	2029–30	2030–31	2031–32
6	223	222	241	256	264	284	279	280	284	288	290
7	233	225	224	243	258	266	285	280	281	285	289
8	227	234	226	225	244	259	267	286	281	282	286
Total	683	681	691	724	766	809	831	846	846	855	865

Table 34A

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Less than Currently Anticipated through 2031–32

North Shore School District 112
Northwood Middle School

<i>Series A Projection</i>											
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27	2027–28	2028–29	2029–30	2030–31	2031–32
6	157	170	152	133	134	110	125	111	113	117	118
7	177	147	160	142	123	124	104	119	105	107	111
8	156	170	140	153	135	116	120	100	115	101	103
Total	490	487	452	428	392	350	349	330	333	325	332

Table 34B

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Occur as Currently Anticipated through 2031–32

North Shore School District 112
Northwood Middle School

<i>Series B Projection</i>											
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27	2027–28	2028–29	2029–30	2030–31	2031–32
6	157	185	173	160	167	149	161	159	162	167	168
7	177	151	179	167	154	161	145	157	155	158	163
8	156	173	147	175	163	150	159	143	155	153	156
Total	490	509	499	502	484	460	465	459	472	478	487

Table 34C

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Greater than Currently Anticipated through 2031–32

North Shore School District 112
Northwood Middle School

<i>Series C Projection</i>											
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27	2027–28	2028–29	2029–30	2030–31	2031–32
6	157	198	192	185	198	186	194	207	207	210	212
7	177	156	197	191	184	197	184	192	205	205	208
8	156	176	155	196	190	183	197	184	192	205	205
Total	490	530	544	572	572	566	575	583	604	620	625

Table 35A

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Less than Currently Anticipated through 2031–32

North Shore School District 112

<i>Series A Projection</i>											
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27	2027–28	2028–29	2029–30	2030–31	2031–32
K	383	349	350	347	353	348	352	355	357	356	358
1	415	402	368	369	366	372	373	377	380	382	381
2	390	406	393	359	360	357	366	367	371	374	376
3	386	384	400	387	353	354	354	363	364	368	371
4	393	380	378	394	381	347	351	351	360	361	365
5	406	388	375	373	389	376	344	348	348	357	358
6	382	386	368	355	353	369	368	336	340	340	349
7	417	369	373	355	342	340	362	361	329	333	333
8	383	407	359	363	345	332	333	355	354	322	326
K–5	2,373	2,309	2,264	2,229	2,202	2,154	2,140	2,161	2,180	2,198	2,209
6–8	1,182	1,162	1,100	1,073	1,040	1,041	1,063	1,052	1,023	995	1,008
K–8	3,555	3,471	3,364	3,302	3,242	3,195	3,203	3,213	3,203	3,193	3,217
Pre-K	203	196	194	198	195	197	199	200	199	200	200
Total	3,758	3,667	3,558	3,500	3,437	3,392	3,402	3,413	3,402	3,393	3,417

Includes a small number of out of district student placements.

Table 35B

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Occur as Currently Anticipated through 2031–32

North Shore School District 112

<i>Series B Projection</i>											
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27	2027–28	2028–29	2029–30	2030–31	2031–32
K	383	374	381	379	383	386	383	385	388	390	392
1	415	413	404	411	409	413	416	413	415	418	420
2	390	417	415	406	413	411	415	418	415	417	420
3	386	390	417	415	406	413	411	415	418	415	417
4	393	386	390	417	415	406	413	411	415	418	415
5	406	398	391	395	422	420	410	417	415	419	422
6	382	402	394	387	391	418	417	407	414	412	416
7	417	374	394	386	379	383	414	413	403	410	408
8	383	411	368	388	380	373	378	409	408	398	405
K–5	2,373	2,378	2,398	2,423	2,448	2,449	2,448	2,459	2,466	2,477	2,486
6–8	1,182	1,187	1,156	1,161	1,150	1,174	1,209	1,229	1,225	1,220	1,229
K–8	3,555	3,565	3,554	3,584	3,598	3,623	3,657	3,688	3,691	3,697	3,715
Pre-K	203	214	213	215	217	215	216	218	219	220	219
Total	3,758	3,779	3,767	3,799	3,815	3,838	3,873	3,906	3,910	3,917	3,934

Includes a small number of out of district student placements.

Table 35C

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Greater than Currently Anticipated through 2031–32

North Shore School District 112

<i>Series C Projection</i>											
Grade	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27	2027–28	2028–29	2029–30	2030–31	2031–32
K	383	399	402	400	408	405	412	417	421	424	427
1	415	420	436	439	437	445	440	447	452	456	459
2	390	421	426	442	445	443	448	443	450	455	459
3	386	395	426	431	447	450	445	450	445	452	457
4	393	391	400	431	436	452	453	448	453	448	455
5	406	402	400	409	440	445	457	458	453	458	453
6	382	419	415	413	422	453	444	456	457	452	457
7	417	379	416	412	410	419	452	443	455	456	451
8	383	415	377	414	410	408	416	449	440	452	453
K–5	2,373	2,428	2,490	2,552	2,613	2,640	2,655	2,663	2,674	2,693	2,710
6–8	1,182	1,213	1,208	1,239	1,242	1,280	1,312	1,348	1,352	1,360	1,361
K–8	3,555	3,641	3,698	3,791	3,855	3,920	3,967	4,011	4,026	4,053	4,071
Pre-K	203	233	232	237	235	239	242	244	246	248	247
Total	3,758	3,874	3,930	4,028	4,090	4,159	4,209	4,255	4,272	4,301	4,318

Includes a small number of out of district student placements.

Exhibit 9

Historical and Projected Total Grades K–5 Enrollment for NSSD 112 under Series A, Series B and Series C Assumptions

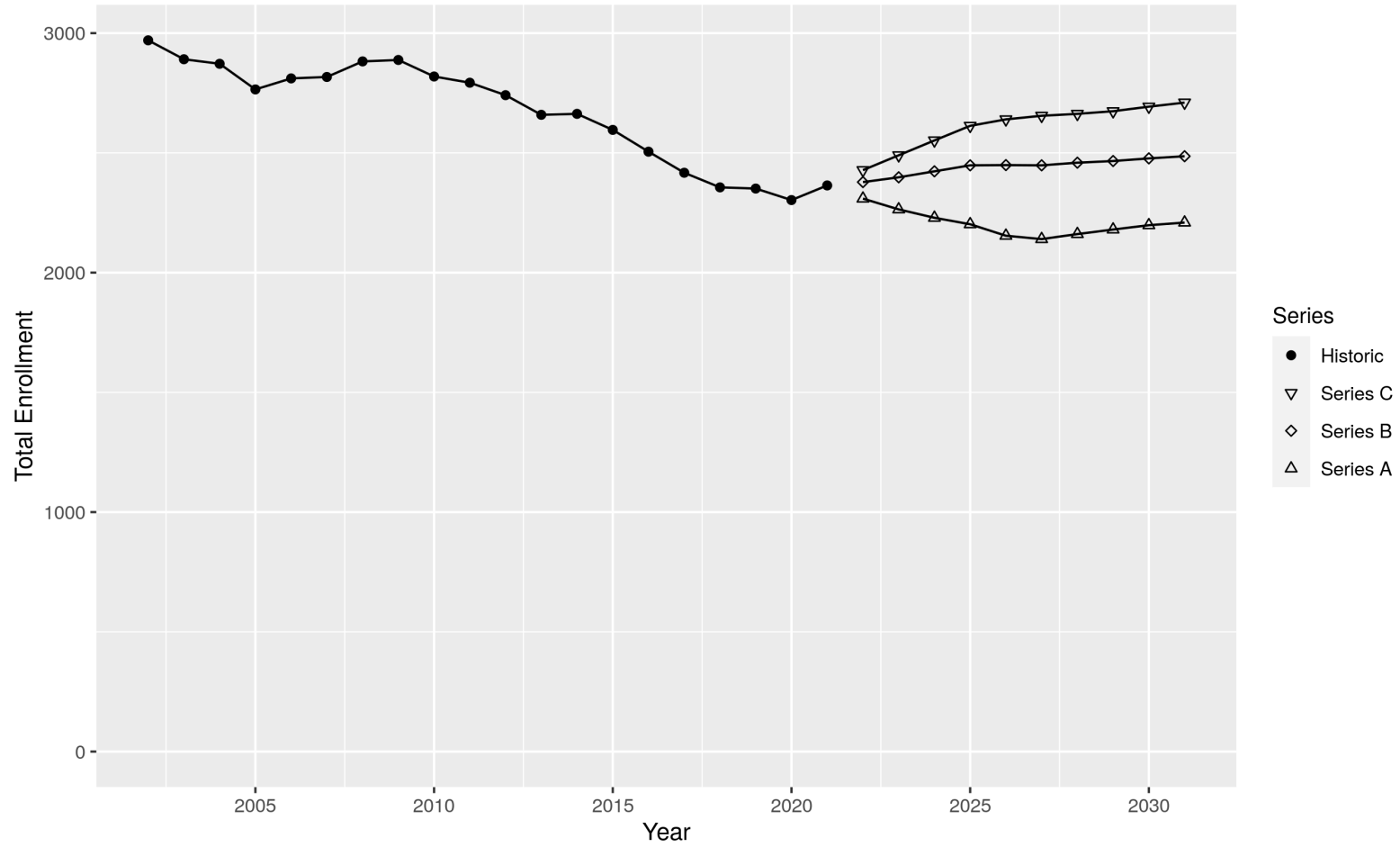


Exhibit 10

Historical and Projected Total Grades 6–8 Enrollment for NSSD 112 under Series A, Series B and Series C Assumptions

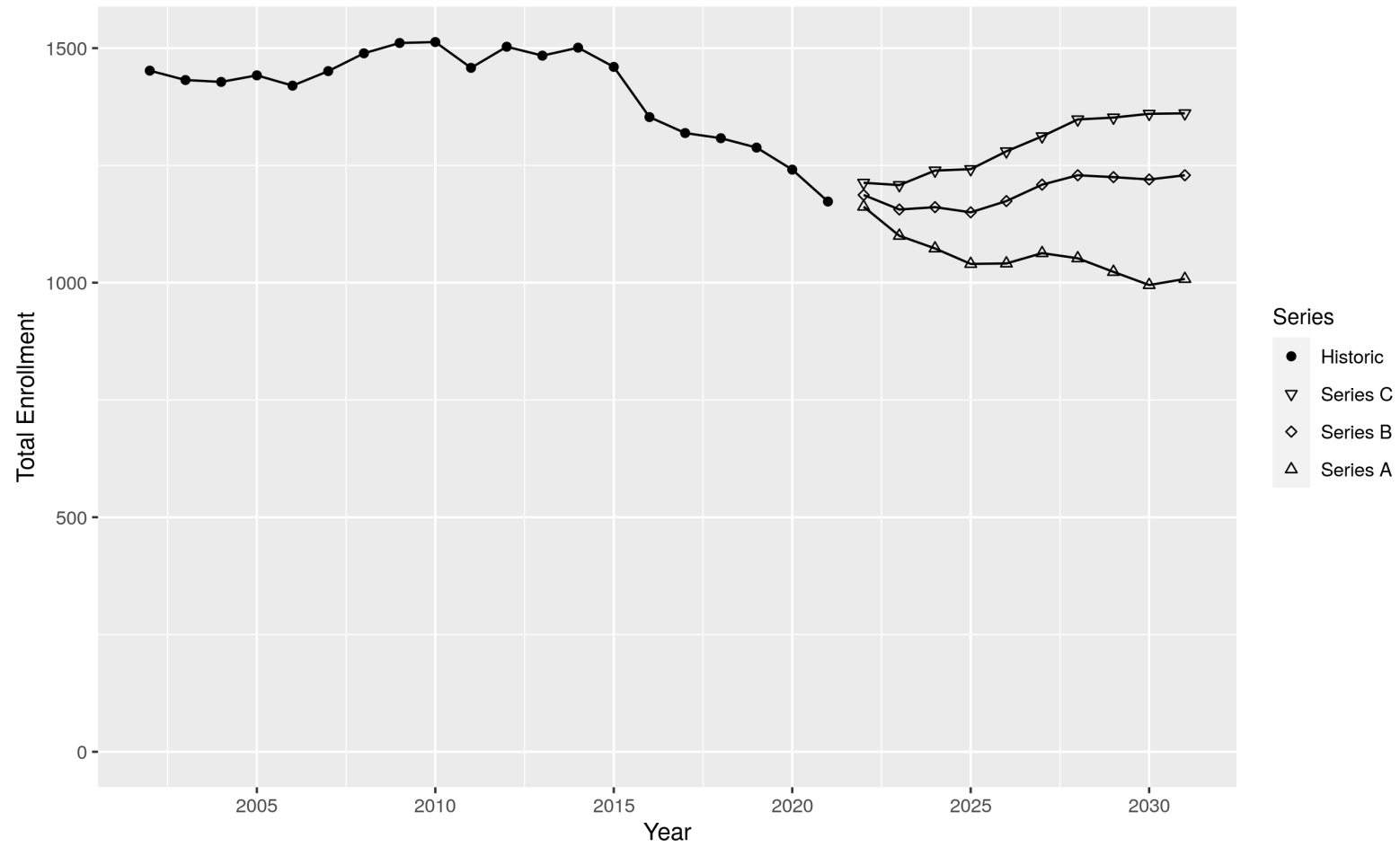
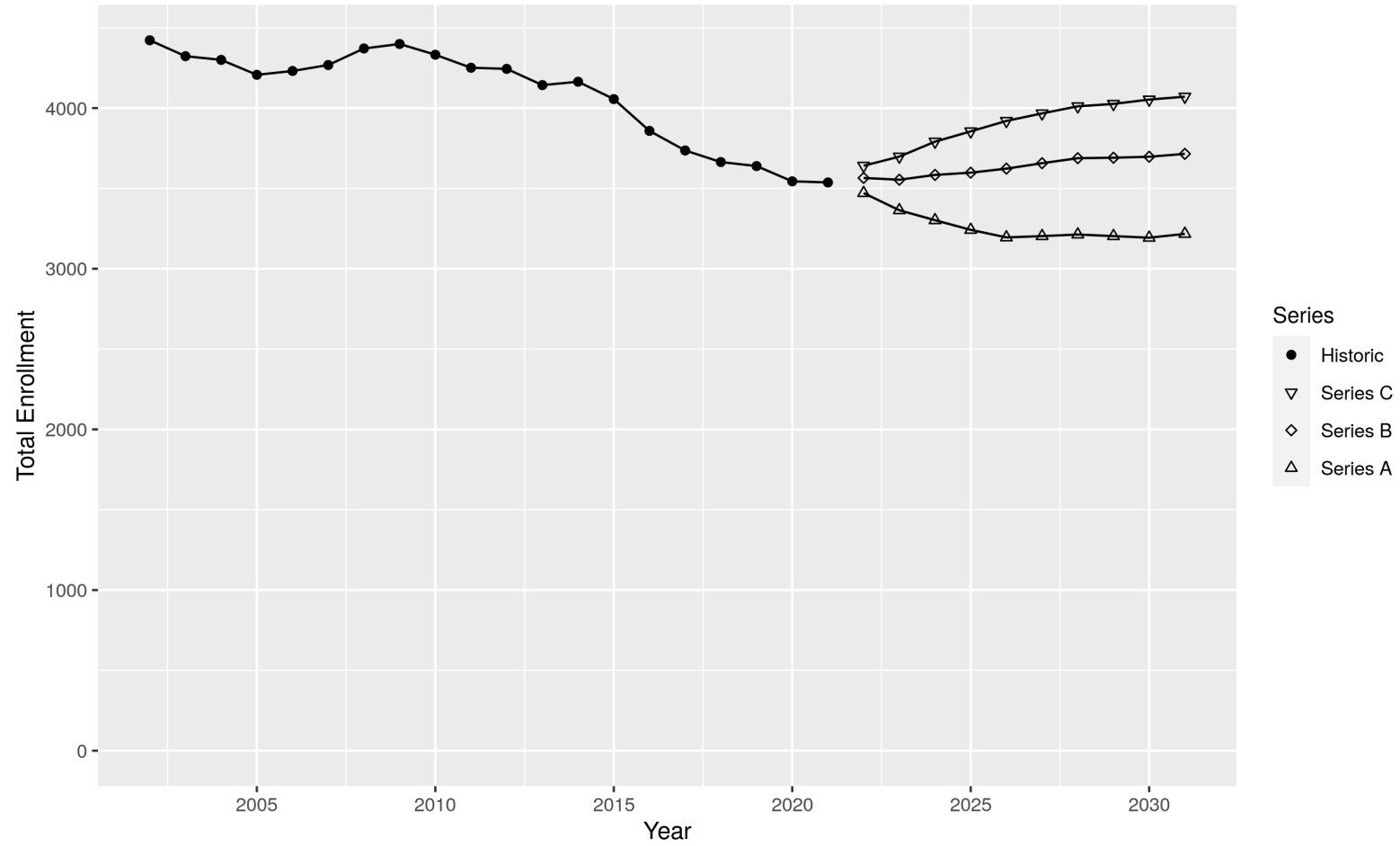


Exhibit 11

Historical and Projected Total Grades K–8 Enrollment for NSSD 112 under Series A, Series B and Series C Assumptions



High School District 113 Projections

To project enrollment at each of the two District 113 high schools it was necessary to allocate the eighth grade classes from the respective elementary sending districts, private and parochial schools, and out-of-district sources to the appropriate high school. Eighth to ninth grade cohort progressions were developed based on source allocations to each high school for the past five years. These allocations were again adjusted for inconsistencies then applied to projected ninth grade enrollments at each high school. As noted, eighth to ninth grade progressions take into account freshmen entering each high school from private and parochial schools and student in-migrants from outside District 113. School Districts 106 and 109 send their eighth grade students to Deerfield High School with the exception of those District 109 students who live in a small “Choice Zone” in the easternmost part of the district and who may choose to attend either high school. Almost all NSSD 112 eighth grade students progressing to the ninth grade attend Highland Park High School with the exception of those students who live West of Skokie Valley Road/Hwy who may attend either Deerfield or Highland Park High School.

Tables 36B, 37B, and 38B provide the enrollment projections for Deerfield High School, Highland Park High School, and the combined high schools by year and by grade through school year 2036–37 under the Series B (most likely)

assumptions. If future housing development, housing turnover and resulting family in-migration occur as anticipated, Table 36B shows that enrollment at Deerfield High School will modestly decline from 1,485 students this fall (six-day count) to 1,339 students in 2026–27 and remain near that number through 2031–32. Deerfield High School enrollment will then increase to 1,437 students in school year 2036–37.

Under these same Series B assumptions, Table 37B reveals that total enrollment at Highland Park High School, which as of the sixth-day count this fall stood at 1,765 students, will decline to 1,543 students in 2027–28. Highland Park High School will then grow to 1,661 students in 2036–37. The primary reason for the expected drop over the next five or so years is smaller upper-grade pipeline classes at NSSD 112 compared with those in the recent past (see the sharp drop NSSD 112’s eighth grade classes in Table 20 from 519 in 2015–16 to 383 in 2021–22). Larger lower-grade class sizes at NSSD 112 will eventually feed up to Highland Park’s ninth grade classes leading to this high school’s longer term upward enrollment trend. Combined high school enrollment (Table 38B) under the Series B (presently anticipated new development, housing turnover and resulting family in-migration) will decline from 3,250 currently to 2,885 students in 2028–29, remain fairly stable through 2030–31, then rise to 3,098 students in 2036–37. To repeat, I feel that the Series B projections are the most likely to occur at District 113 high schools.

If regional economic and housing market conditions deteriorate in the future, or if mortgage interest rates rise substantially in the years ahead, housing turnover and family in-migration to District 113 will likely slow. Under these more conservative (Series A) assumptions, Table 36A indicates that enrollment at Deerfield High School will decline to 1,164 students in 2029–30 then slowly increase to 1,238 students in 2036–37. Under Series A, Highland Park’s enrollment will drop to 1,354 in school year 2029–30 and then stabilize near that number. Combined high school enrollment under Series A assumptions (family in-migration below that currently anticipated) will decline to 2,518 in 2029–30 then roughly stabilize modestly above that number through 2036–37.

Under high growth (Series C) assumptions, Table 36C reveals that Deerfield High School enrollment will be fairly stable through 2029–30 then steadily rise to 1,701 students in 2036–37. Under these same accelerated housing turnover and family in-migration assumptions, Highland Park High School will also be relatively stable through 2029–30 and climb thereafter to 1,886 students in 2036–37 (Table 37C). Combined high school enrollments, using Series C assumptions, will mirror the stability in enrollments at the two high schools through 2029–30 then climb to 3,587 students in 2036–37 (Table 38C). Note that even if improved local housing market conditions continue to attract greater numbers of families with preschool and school-age children than are currently anticipated over the next 15 years, total District 113 enrollment is not expected to

increase in the next five years and its longer-term high growth figure of 3,787 will not come close to the 5,000+ students the District housed in the early 1970s.

Exhibit 12 provides a graphic summary of historic enrollment annually from 2002-03 to 2020-21 and projected annually from 2021-22 to 2036-37 under Series A, Series B, and Series C assumptions for the combined District 113 high schools.

Table 36A

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Less than Currently Anticipated through 2036–37

Township High School District 113
Deerfield High School

<i>Series A Projection</i>																
Grade	2021– 22	2022– 23	2023– 24	2024– 25	2025– 26	2026– 27	2027– 28	2028– 29	2029– 30	2030– 31	2031– 32	2032– 33	2033– 34	2034– 45	2035– 36	2036– 37
9	362	376	324	313	311	290	329	273	290	302	298	311	313	309	316	318
10	334	360	374	322	311	309	289	328	272	289	301	297	310	312	308	315
11	382	323	349	363	311	300	304	284	323	267	284	296	292	305	307	303
12	407	373	314	340	354	302	295	299	279	318	262	279	291	287	300	302
Total	1,485	1,432	1,361	1,338	1,287	1,201	1,217	1,184	1,164	1,176	1,145	1,183	1,206	1,213	1,231	1,238

Table 36B

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Occur as Currently Anticipated through 2036–37

Township High School District 113
Deerfield High School

<i>Series B Projection</i>																
Grade	2021– 22	2022– 23	2023– 24	2024– 25	2025– 26	2026– 27	2027– 28	2028– 29	2029– 30	2030– 31	2031– 32	2032– 33	2033– 34	2034– 45	2035– 36	2036– 37
9	362	387	342	337	340	324	361	310	332	348	355	361	360	355	362	362
10	334	364	389	344	339	342	326	363	312	334	350	357	363	362	357	364
11	382	330	360	385	340	335	339	323	360	309	331	347	354	360	359	354
12	407	380	328	358	383	338	333	337	321	358	307	329	345	352	358	357
Total	1,485	1,461	1,419	1,424	1,402	1,339	1,359	1,333	1,325	1,349	1,343	1,394	1,422	1,429	1,436	1,437

Table 36C

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Greater than Currently Anticipated through 2036–37

Township High School District 113
Deerfield High School

<i>Series C Projection</i>																
Grade	2021– 22	2022– 23	2023– 24	2024– 25	2025– 26	2026– 27	2027– 28	2028– 29	2029– 30	2030– 31	2031– 32	2032– 33	2033– 34	2034– 45	2035– 36	2036– 37
9	362	398	359	360	369	359	393	346	372	390	413	416	418	420	415	424
10	334	369	405	366	367	376	365	399	352	378	396	419	422	424	426	421
11	382	337	372	408	369	370	378	367	401	354	380	398	421	424	426	428
12	407	386	341	376	412	373	373	381	370	404	357	382	400	423	426	428
Total	1,485	1,490	1,477	1,510	1,517	1,478	1,509	1,493	1,495	1,526	1,546	1,615	1,661	1,691	1,693	1,701

Table 37A

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Less than Currently Anticipated through 2036–37

Township High School District 113
Highland Park High School

<i>Series A Projection</i>																
Grade	2021– 22	2022– 23	2023– 24	2024– 25	2025– 26	2026– 27	2027– 28	2028– 29	2029– 30	2030– 31	2031– 32	2032– 33	2033– 34	2034– 45	2035– 36	2036– 37
9	428	378	402	354	358	340	331	332	354	353	321	327	327	336	337	341
10	438	424	374	398	350	354	337	328	329	351	350	319	325	325	334	335
11	434	434	420	370	394	346	351	334	325	326	348	347	316	322	322	331
12	465	442	442	428	378	402	358	363	346	337	338	360	359	328	334	334
Total	1,765	1,678	1,638	1,550	1,480	1,442	1,377	1,357	1,354	1,367	1,357	1,353	1,327	1,311	1,327	1,341

Table 37B

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Occur as Currently Anticipated through 22036–37

Township High School District 113
Highland Park High School

<i>Series B Projection</i>																
Grade	2021– 22	2022– 23	2023– 24	2024– 25	2025– 26	2026– 27	2027– 28	2028– 29	2029– 30	2030– 31	2031– 32	2032– 33	2033– 34	2034– 45	2035– 36	2036– 37
9	428	385	413	370	390	382	376	381	412	411	401	408	406	410	413	410
10	438	430	387	415	372	392	383	377	382	413	412	402	409	407	411	414
11	434	440	432	389	417	374	393	384	378	383	414	413	403	410	408	412
12	465	453	459	451	408	436	391	410	401	395	400	431	430	420	427	425
Total	1,765	1,708	1,691	1,625	1,587	1,584	1,543	1,552	1,573	1,602	1,627	1,654	1,648	1,647	1,659	1,661

Table 37C

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Greater than Currently Anticipated through 2036–37

Township High School District 113
Highland Park High School

<i>Series C Projection</i>																
Grade	2021– 22	2022– 23	2023– 24	2024– 25	2025– 26	2026– 27	2027– 28	2028– 29	2029– 30	2030– 31	2031– 32	2032– 33	2033– 34	2034– 45	2035– 36	2036– 37
9	428	396	428	390	427	423	419	427	460	451	463	464	459	464	459	466
10	438	436	404	436	398	435	429	425	433	466	457	467	468	463	468	463
11	434	447	445	413	445	407	441	435	431	439	472	461	471	472	467	472
12	465	465	478	476	444	476	429	463	457	453	461	490	479	489	490	485
Total	1,765	1,744	1,755	1,715	1,714	1,741	1,718	1,750	1,781	1,809	1,853	1,882	1,877	1,888	1,884	1,886

Table 38A

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Less than Currently Anticipated through 2036–37

Township High School District 113
Combined High Schools

<i>Series A Projection</i>																
Grade	2021– 22	2022– 23	2023– 24	2024– 25	2025– 26	2026– 27	2027– 28	2028– 29	2029– 30	2030– 31	2031– 32	2032– 33	2033– 34	2034– 45	2035– 36	2036– 37
9	790	754	726	667	669	630	660	605	644	655	619	638	640	645	653	659
10	772	784	748	720	661	663	626	656	601	640	651	616	635	637	642	650
11	816	757	769	733	705	646	655	618	648	593	632	643	608	627	629	634
12	872	815	756	768	732	704	653	662	625	655	600	639	650	615	634	636
Total	3,250	3,110	2,999	2,888	2,767	2,643	2,594	2,541	2,518	2,543	2,502	2,536	2,533	2,524	2,558	2,579

Table 38B

Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Occur as Currently Anticipated through 2036–37

Township High School District 113
Combined High Schools

<i>Series B Projection</i>																
Grade	2021– 22	2022– 23	2023– 24	2024– 25	2025– 26	2026– 27	2027– 28	2028– 29	2029– 30	2030– 31	2031– 32	2032– 33	2033– 34	2034– 45	2035– 36	2036– 37
9	790	772	755	707	730	706	737	691	744	759	756	769	766	765	775	772
10	772	794	776	759	711	734	709	740	694	747	762	759	772	769	768	778
11	816	770	792	774	757	709	732	707	738	692	745	760	757	770	767	766
12	872	833	787	809	791	774	724	747	722	753	707	760	775	772	785	782
Total	3,250	3,169	3,110	3,049	2,989	2,923	2,902	2,885	2,898	2,951	2,970	3,048	3,070	3,076	3,095	3,098

Table 38C

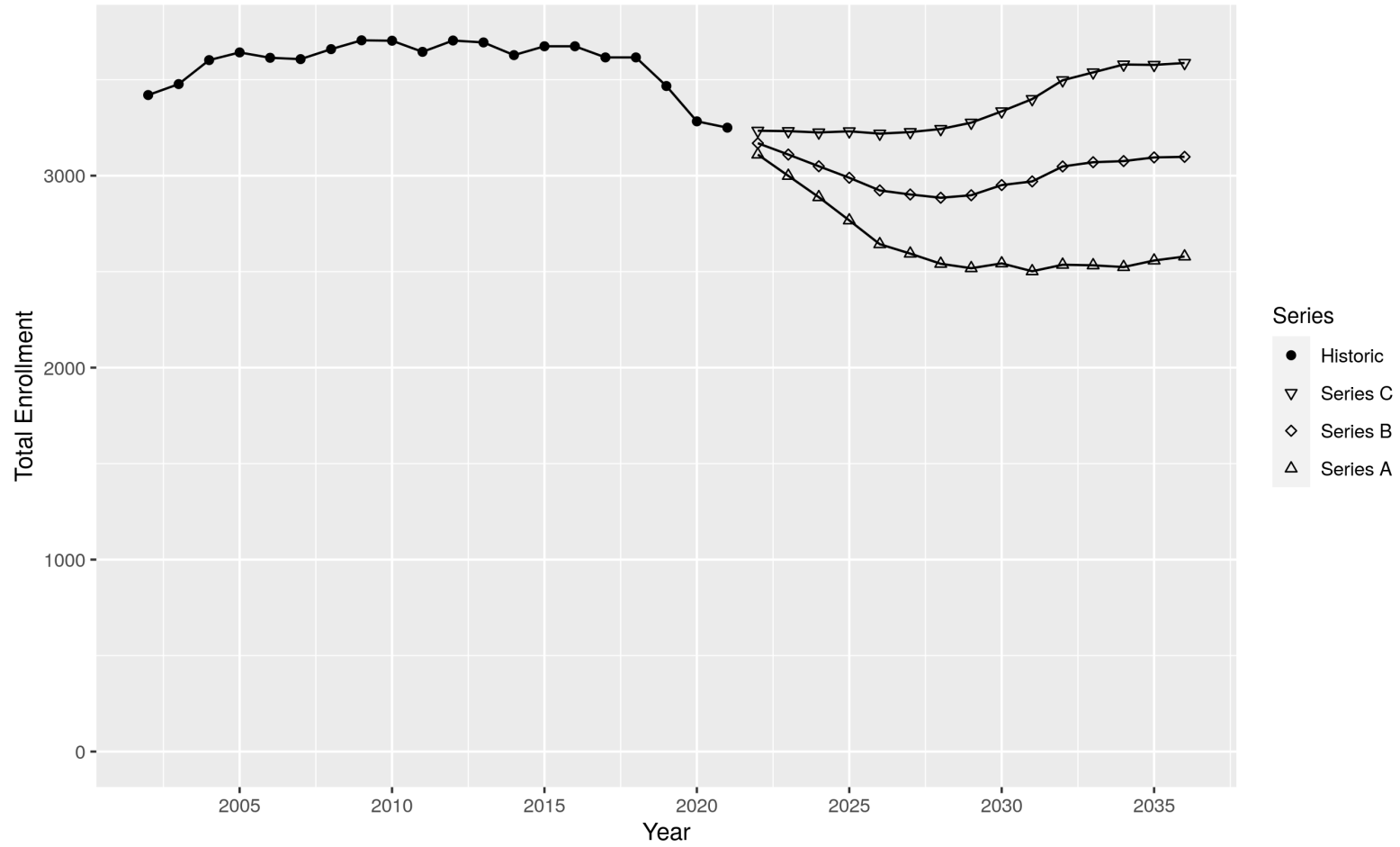
Enrollment Projection Assuming Future Fertility Rates Remain Fairly Constant (through 2026)
and Both Turnover of Existing Housing Units and Future New Residential Development
Are Greater than Currently Anticipated through 2036–37

Township High School District 113
Combined High Schools

<i>Series C Projection</i>																
Grade	2021– 22	2022– 23	2023– 24	2024– 25	2025– 26	2026– 27	2027– 28	2028– 29	2029– 30	2030– 31	2031– 32	2032– 33	2033– 34	2034– 45	2035– 36	2036– 37
9	790	794	787	750	796	782	812	773	832	841	876	880	877	884	874	890
10	772	805	809	802	765	811	794	824	785	844	853	886	890	887	894	884
11	816	784	817	821	814	777	819	802	832	793	852	859	892	896	893	900
12	872	851	819	852	856	849	802	844	827	857	818	872	879	912	916	913
Total	3,250	3,234	3,232	3,225	3,231	3,219	3,227	3,243	3,276	3,335	3,399	3,497	3,538	3,579	3,577	3,587

Exhibit 12

Historical and Projected Total Grades K–8 Enrollment for THSD 113 under Series A, Series B and Series C Assumptions



Concluding Remarks

As stated in my previous reports, no demographer has a crystal ball. In this report, I have assembled the best information presently available and applied professional techniques and judgment to generate the enrollment projections for each school district. These projections should be monitored and updated regularly (at least once every three years) to ensure that policy decisions are based on the most current and 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 106, 112, and 113 Boards of Education, administrators, teachers, and concerned citizens as plans are made for future space and staff needs in their respective Districts.

John D. Kasarda, Ph.D.
San Diego, California
October 3, 2021

Appendix A

Enrollment History and Decomposition of Annual Sources of Enrollment Change in North Shore School District 112 Individual Schools

Enrollment History of Braeside Elementary School
2002–03 to 2021–22

School Year	K	1	2	3	4	5	Total
2002–03	48	50	43	45	43	55	284
2003–04	36	55	50	43	46	45	275
2004–05	41	47	53	48	47	50	286
2005–06	34	46	48	54	48	43	273
2006–07	57	37	49	47	57	49	296
2007–08	39	61	37	52	48	54	291
2008–09	46	42	62	37	51	50	288
2009–10	35	50	44	57	39	45	270
2010–11	38	40	52	45	59	38	272
2011–12	40	42	41	50	43	61	277
2012–13	39	44	43	42	49	42	259
2013–14	42	42	45	45	41	46	261
2014–15	39	49	40	46	45	40	259
2015–16	51	46	51	39	50	46	283
2016–17	32	51	47	50	37	50	267
2017–18	38	33	52	48	47	37	255
2018–19	31	45	34	60	52	47	269
2019–20	44	32	50	38	58	48	270
2020–21	45	49	37	51	37	52	271
2021–22	45	47	50	39	48	40	269

Decomposition of Annual Sources of Enrollment Change at Braeside Elementary School
September 2002 to September 2021

Transition Year Sept. to Sept.	Change Total Enrollment	Entering K vs. Exiting 5	Net Student Migration/ Transfer
2002 to 03	-9	-19	10
2003 to 04	11	-4	15
2004 to 05	-13	-16	3
2005 to 06	23	14	9
2006 to 07	-5	-10	5
2007 to 08	-3	-8	5
2008 to 09	-18	-15	-3
2009 to 10	2	-7	9
2010 to 11	5	2	3
2011 to 12	-18	-22	4
2012 to 13	2	0	2
2013 to 14	-2	-7	5
2014 to 15	24	11	13
2015 to 16	-16	-14	-2
2016 to 17	-12	-12	0
2017 to 18	14	-6	20
2018 to 19	1	-3	4
2019 to 20	1	-3	4
2020 to 21	-2	-7	5

Net Annual Student Migration/Transfer at Braeside Elementary School
September 2002 to September 2021

Transition Year Sept. to Sept.	Grade Transition					
	K-1	1-2	2-3	3-4	4-5	Total
2002 to 03	7	0	0	1	2	10
2003 to 04	11	-2	-2	4	4	15
2004 to 05	5	1	1	0	-4	3
2005 to 06	3	3	-1	3	1	9
2006 to 07	4	0	3	1	-3	5
2007 to 08	3	1	0	-1	2	5
2008 to 09	4	2	-5	2	-6	-3
2009 to 10	5	2	1	2	-1	9
2010 to 11	4	1	-2	-2	2	3
2011 to 12	4	1	1	-1	-1	4
2012 to 13	3	1	2	-1	-3	2
2013 to 14	7	-2	1	0	-1	5
2014 to 15	7	2	-1	4	1	13
2015 to 16	0	1	-1	-2	0	-2
2016 to 17	1	1	1	-3	0	0
2017 to 18	7	1	8	4	0	20
2018 to 19	1	5	4	-2	-4	4
2019 to 20	5	5	1	-1	-6	4
2020 to 21	2	1	2	-3	3	5

Enrollment History of Indian Trail Elementary School
2002–03 to 2021–22

School Year	K	1	2	3	4	5	Total
2002–03	69	73	79	65	79	92	457
2003–04	63	78	70	77	67	81	436
2004–05	66	66	78	75	82	70	437
2005–06	49	68	67	79	79	85	427
2006–07	54	57	69	68	79	81	408
2007–08	56	66	57	75	72	79	405
2008–09	49	65	66	62	75	75	392
2009–10	67	54	67	66	61	76	391
2010–11	52	76	52	63	73	62	378
2011–12	52	57	76	61	67	72	385
2012–13	62	64	58	77	63	65	389
2013–14	52	67	68	60	84	61	392
2014–15	56	60	71	69	52	82	390
2015–16	42	67	56	72	70	53	360
2016–17	29	40	65	55	68	63	320
2017–18	32	37	35	55	55	63	277
2018–19	63	70	66	55	89	83	426
2019–20	68	78	73	68	58	88	433
2020–21	64	65	73	69	62	58	391
2021–22	75	83	72	80	71	71	452

Decomposition of Annual Sources of Enrollment Change at Indian Trail Elementary School
September 2002 to September 2021

Transition Year Sept. to Sept.	Change Total Enrollment	Entering K vs. Exiting 5	Net Student Migration/ Transfer
2002 to 03	-21	-29	8
2003 to 04	1	-15	16
2004 to 05	-10	-21	11
2005 to 06	-19	-31	12
2006 to 07	-3	-25	22
2007 to 08	-13	-30	17
2008 to 09	-1	-8	7
2009 to 10	-13	-24	11
2010 to 11	7	-10	17
2011 to 12	4	-10	14
2012 to 13	3	-13	16
2013 to 14	-2	-5	3
2014 to 15	-30	-40	10
2015 to 16	-40	-24	-16
2016 to 17	-43	-31	-12
2017 to 18	149	0	149
2018 to 19	7	-15	22
2019 to 20	-42	-24	-18
2020 to 21	61	17	44

Net Annual Student Migration/Transfer at Indian Trail Elementary School
September 2002 to September 2021

Transition Year Sept. to Sept.	Grade Transition					
	K-1	1-2	2-3	3-4	4-5	Total
2002 to 03	9	-3	-2	2	2	8
2003 to 04	3	0	5	5	3	16
2004 to 05	2	1	1	4	3	11
2005 to 06	8	1	1	0	2	12
2006 to 07	12	0	6	4	0	22
2007 to 08	9	0	5	0	3	17
2008 to 09	5	2	0	-1	1	7
2009 to 10	9	-2	-4	7	1	11
2010 to 11	5	0	9	4	-1	17
2011 to 12	12	1	1	2	-2	14
2012 to 13	5	4	2	7	-2	16
2013 to 14	8	4	1	-8	-2	3
2014 to 15	11	-4	1	1	1	10
2015 to 16	-2	-2	-1	-4	-7	-16
2016 to 17	8	-5	-10	0	-5	-12
2017 to 18	38	29	20	34	28	149
2018 to 19	15	3	2	3	-1	22
2019 to 20	-3	-5	-4	-6	0	-18
2020 to 21	19	7	7	2	9	44

Enrollment History of Lincoln Elementary School (closed)
2002–03 to 2017–18

School Year	K	1	2	3	4	5	Total
2002–03	35	51	53	52	59	45	295
2003–04	38	37	54	50	51	58	288
2004–05	44	36	37	54	49	48	268
2005–06	43	47	40	34	57	49	270
2006–07	43	47	50	40	38	60	278
2007–08	51	50	47	46	42	41	277
2008–09	38	57	47	50	47	42	281
2009–10	34	43	61	53	46	48	285
2010–11	37	32	44	64	54	45	276
2011–12	34	36	36	44	63	53	266
2012–13	30	44	43	38	46	63	264
2013–14	33	34	43	43	41	51	245
2014–15	39	34	35	43	41	41	233
2015–16	27	46	35	36	41	40	225
2016–17	31	28	43	35	37	43	217
2017–18	34	31	25	43	35	38	206

Decomposition of Annual Sources of Enrollment Change at Lincoln Elementary School (closed)
September 2002 to September 2017

Transition Year Sept. to Sept.	Change Total Enrollment	Entering K vs. Exiting 5	Net Student Migration/ Transfer
2002 to 03	-7	-7	0
2003 to 04	-20	-14	-6
2004 to 05	2	-5	7
2005 to 06	8	-6	14
2006 to 07	-1	-9	8
2007 to 08	4	-3	7
2008 to 09	4	-8	12
2009 to 10	-9	-11	2
2010 to 11	-10	-11	1
2011 to 12	-2	-23	21
2012 to 13	-19	-30	11
2013 to 14	-12	-12	0
2014 to 15	-8	-14	6
2015 to 16	-8	-9	1
2016 to 17	-11	-9	-2

Net Annual Student Migration/Transfer at Lincoln Elementary School (closed)
September 2002 to September 2017

Transition Year Sept. to Sept.	Grade Transition					
	K-1	1-2	2-3	3-4	4-5	Total
2002 to 03	2	3	-3	-1	-1	0
2003 to 04	-2	0	0	-1	-3	-6
2004 to 05	3	4	-3	3	0	7
2005 to 06	4	3	0	4	3	14
2006 to 07	7	0	-4	2	3	8
2007 to 08	6	-3	3	1	0	7
2008 to 09	5	4	6	-4	1	12
2009 to 10	-2	1	3	1	-1	2
2010 to 11	-1	4	0	-1	-1	1
2011 to 12	10	7	2	2	0	21
2012 to 13	4	-1	0	3	5	11
2013 to 14	1	1	0	-2	0	0
2014 to 15	7	1	1	-2	-1	6
2015 to 16	1	-3	0	1	2	1
2016 to 17	0	-3	0	0	1	-2

Enrollment History of Oak Terrace Elementary School
2002–03 to 2021–22

School Year	K	1	2	3	4	5	Total
2002–03	83	104	87	86	77	67	504
2003–04	80	73	93	90	74	69	479
2004–05	89	87	66	96	82	73	493
2005–06	90	84	90	63	79	72	478
2006–07	85	89	82	91	60	79	486
2007–08	89	96	95	83	87	63	513
2008–09	97	95	92	99	86	85	554
2009–10	81	98	91	84	93	82	529
2010–11	89	87	92	82	83	86	519
2011–12	92	81	84	83	77	73	490
2012–13	87	85	80	83	82	79	496
2013–14	87	94	84	83	83	83	514
2014–15	103	86	96	86	83	82	536
2015–16	85	96	85	104	82	77	529
2016–17	98	79	89	83	103	82	534
2017–18	92	99	73	88	78	98	528
2018–19	71	84	92	72	83	78	480
2019–20	67	73	81	95	67	85	468
2020–21	64	71	66	76	94	69	440
2021–22	65	67	67	64	74	89	426

Decomposition of Annual Sources of Enrollment Change at Oak Terrace Elementary School
September 2002 to September 2021

Transition Year Sept. to Sept.	Change Total Enrollment	Entering K vs. Exiting 5	Net Student Migration/ Transfer
2002 to 03	-25	13	-38
2003 to 04	14	20	-6
2004 to 05	-15	17	-32
2005 to 06	8	13	-5
2006 to 07	27	10	17
2007 to 08	41	34	7
2008 to 09	-25	-4	-21
2009 to 10	-10	7	-17
2010 to 11	-29	6	-35
2011 to 12	6	14	-8
2012 to 13	18	8	10
2013 to 14	22	20	2
2014 to 15	-7	3	-10
2015 to 16	5	21	-16
2016 to 17	-6	10	-16
2017 to 18	-48	-27	-21
2018 to 19	-12	-11	-1
2019 to 20	-28	-21	-7
2020 to 21	-14	-4	-10

Net Annual Student Migration/Transfer at Oak Terrace Elementary School
September 2002 to September 2021

Transition Year Sept. to Sept.	Grade Transition					
	K-1	1-2	2-3	3-4	4-5	Total
2002 to 03	-10	-11	3	-12	-8	-38
2003 to 04	7	-7	3	-8	-1	-6
2004 to 05	-5	3	-3	-17	-10	-32
2005 to 06	-1	-2	1	-3	0	-5
2006 to 07	11	6	1	-4	3	17
2007 to 08	6	-4	4	3	-2	7
2008 to 09	1	-4	-8	-6	-4	-21
2009 to 10	6	-6	-9	-1	-7	-17
2010 to 11	-8	-3	-9	-5	-10	-35
2011 to 12	-7	-1	-1	-1	2	-8
2012 to 13	7	-1	3	0	1	10
2013 to 14	-1	2	2	0	-1	2
2014 to 15	-7	-1	8	-4	-6	-10
2015 to 16	-6	-7	-2	-1	0	-16
2016 to 17	1	-6	-1	-5	-5	-16
2017 to 18	-8	-7	-1	-5	0	-21
2018 to 19	2	-3	3	-5	2	-1
2019 to 20	4	-7	-5	-1	2	-7
2020 to 21	3	-4	-2	-2	-5	-10

Enrollment History of Ravinia Elementary School
2002–03 to 2021–22

School Year	K	1	2	3	4	5	Total
2002–03	52	50	42	67	57	60	328
2003–04	35	58	52	42	65	56	308
2004–05	45	43	57	50	46	63	304
2005–06	59	45	42	57	49	39	291
2006–07	53	63	47	47	57	51	318
2007–08	52	50	64	43	42	55	306
2008–09	51	55	49	61	43	44	303
2009–10	50	51	56	52	63	43	315
2010–11	54	61	53	54	50	63	335
2011–12	42	53	61	51	53	50	310
2012–13	41	44	54	64	50	54	307
2013–14	34	47	50	51	62	53	297
2014–15	44	42	47	52	54	61	300
2015–16	44	42	38	47	52	54	277
2016–17	33	44	42	40	44	48	251
2017–18	25	37	43	44	42	41	232
2018–19	35	29	38	42	42	40	226
2019–20	42	36	30	39	40	44	231
2020–21	46	41	40	33	44	40	244
2021–22	38	50	44	43	34	46	255

Decomposition of Annual Sources of Enrollment Change at Ravinia Elementary School
September 2002 to September 2021

Transition Year Sept. to Sept.	Change Total Enrollment	Entering K vs. Exiting 5	Net Student Migration/ Transfer
2002 to 03	-20	-25	5
2003 to 04	-4	-11	7
2004 to 05	-13	-4	-9
2005 to 06	27	14	13
2006 to 07	-12	1	-13
2007 to 08	-3	-4	1
2008 to 09	12	6	6
2009 to 10	20	11	9
2010 to 11	-25	-21	-4
2011 to 12	-3	-9	6
2012 to 13	-10	-20	10
2013 to 14	3	-9	12
2014 to 15	-23	-17	-6
2015 to 16	-26	-21	-5
2016 to 17	-19	-23	4
2017 to 18	-6	-6	0
2018 to 19	5	2	3
2019 to 20	13	2	11
2020 to 21	11	-2	13

Net Annual Student Migration/Transfer at Ravinia Elementary School
September 2002 to September 2021

Transition Year Sept. to Sept.	Grade Transition					
	K-1	1-2	2-3	3-4	4-5	Total
2002 to 03	6	2	0	-2	-1	5
2003 to 04	8	-1	-2	4	-2	7
2004 to 05	0	-1	0	-1	-7	-9
2005 to 06	4	2	5	0	2	13
2006 to 07	-3	1	-4	-5	-2	-13
2007 to 08	3	-1	-3	0	2	1
2008 to 09	0	1	3	2	0	6
2009 to 10	11	2	-2	-2	0	9
2010 to 11	-1	0	-2	-1	0	-4
2011 to 12	2	1	3	-1	1	6
2012 to 13	6	6	-3	-2	3	10
2013 to 14	8	0	2	3	-1	12
2014 to 15	-2	-4	0	0	0	-6
2015 to 16	0	0	2	-3	-4	-5
2016 to 17	4	-1	2	2	-3	4
2017 to 18	4	1	-1	-2	-2	0
2018 to 19	1	1	1	-2	2	3
2019 to 20	-1	4	3	5	0	11
2020 to 21	4	3	3	1	2	13

Enrollment History of Red Oak Elementary School
2002–03 to 2021–22

School Year	K	1	2	3	4	5	Total
2002–03	52	50	50	53	52	51	308
2003–04	54	52	51	52	54	48	311
2004–05	48	55	54	52	49	56	314
2005–06	46	49	47	49	50	46	287
2006–07	55	46	46	50	49	51	297
2007–08	44	71	42	45	45	46	293
2008–09	51	54	57	46	55	54	317
2009–10	51	61	59	65	54	55	345
2010–11	39	49	53	62	62	55	320
2011–12	52	48	49	57	59	72	337
2012–13	50	59	37	50	60	65	321
2013–14	43	54	55	37	48	58	295
2014–15	52	50	54	56	41	51	304
2015–16	71	51	49	56	56	41	324
2016–17	46	77	49	46	61	55	334
2017–18	43	48	74	47	52	61	325
2018–19	40	41	51	51	33	34	250
2019–20	50	38	39	48	51	33	259
2020–21	34	47	35	38	50	54	258
2021–22	34	34	42	33	39	48	230

Decomposition of Annual Sources of Enrollment Change at Red Oak Elementary School
September 2002 to September 2021

Transition Year Sept. to Sept.	Change Total Enrollment	Entering K vs. Exiting 5	Net Student Migration/ Transfer
2002 to 03	3	3	0
2003 to 04	3	0	3
2004 to 05	-27	-10	-17
2005 to 06	10	9	1
2006 to 07	-4	-7	3
2007 to 08	24	5	19
2008 to 09	28	-3	31
2009 to 10	-25	-16	-9
2010 to 11	17	-3	20
2011 to 12	-16	-22	6
2012 to 13	-26	-22	-4
2013 to 14	9	-6	15
2014 to 15	20	20	0
2015 to 16	10	5	5
2016 to 17	-9	-12	3
2017 to 18	-75	-21	-54
2018 to 19	9	16	-7
2019 to 20	-1	1	-2
2020 to 21	-28	-20	-8

Net Annual Student Migration/Transfer at Red Oak Elementary School
September 2002 to September 2021

Transition Year Sept. to Sept.	Grade Transition					
	K-1	1-2	2-3	3-4	4-5	Total
2002 to 03	0	1	2	1	-4	0
2003 to 04	1	2	1	-3	2	3
2004 to 05	1	-8	-5	-2	-3	-17
2005 to 06	0	-3	3	0	1	1
2006 to 07	16	-4	-1	-5	-3	3
2007 to 08	10	-14	4	10	9	19
2008 to 09	10	5	8	8	0	31
2009 to 10	-2	-8	3	-3	1	-9
2010 to 11	9	0	4	-3	10	20
2011 to 12	7	-11	1	3	6	6
2012 to 13	4	-4	0	-2	-2	-4
2013 to 14	7	0	1	4	3	15
2014 to 15	-1	-1	2	0	0	0
2015 to 16	6	-2	-3	5	-1	5
2016 to 17	2	-3	-2	6	0	3
2017 to 18	-2	3	-23	-14	-18	-54
2018 to 19	-2	-2	-3	0	0	-7
2019 to 20	-3	-3	-1	2	3	-2
2020 to 21	0	-5	-2	1	-2	-8

Enrollment History of Sherwood Elementary School
2002–03 to 2021–22

School Year	K	1	2	3	4	5	Total
2002–03	78	73	74	64	67	45	401
2003–04	68	79	69	73	65	66	420
2004–05	67	66	79	66	71	60	409
2005–06	59	66	69	78	65	69	406
2006–07	56	63	69	68	79	58	393
2007–08	60	63	61	67	71	78	400
2008–09	64	61	64	61	66	72	388
2009–10	61	68	63	63	60	66	381
2010–11	50	61	68	64	64	62	369
2011–12	52	55	59	70	64	64	364
2012–13	52	46	67	59	72	62	358
2013–14	41	57	46	61	57	71	333
2014–15	51	48	57	44	62	57	319
2015–16	46	45	52	57	43	61	304
2016–17	60	49	44	50	58	41	302
2017–18	46	58	45	43	48	55	295
2018–19	60	59	64	65	65	68	381
2019–20	49	66	57	60	70	67	369
2020–21	71	58	71	62	61	77	400
2021–22	70	80	56	64	71	62	403

Decomposition of Annual Sources of Enrollment Change at Sherwood Elementary School
September 2002 to September 2021

Transition Year Sept. to Sept.	Change Total Enrollment	Entering K vs. Exiting 5	Net Student Migration/ Transfer
2002 to 03	19	23	-4
2003 to 04	-11	1	-12
2004 to 05	-3	-1	-2
2005 to 06	-13	-13	0
2006 to 07	7	2	5
2007 to 08	-12	-14	2
2008 to 09	-7	-11	4
2009 to 10	-12	-16	4
2010 to 11	-5	-10	5
2011 to 12	-6	-12	6
2012 to 13	-25	-21	-4
2013 to 14	-14	-20	6
2014 to 15	-15	-11	-4
2015 to 16	-2	-1	-1
2016 to 17	-7	5	-12
2017 to 18	86	5	81
2018 to 19	-12	-19	7
2019 to 20	31	4	27
2020 to 21	3	-7	10

Net Annual Student Migration/Transfer at Sherwood Elementary School
September 2002 to September 2021

Transition Year Sept. to Sept.	Grade Transition					
	K-1	1-2	2-3	3-4	4-5	Total
2002 to 03	1	-4	-1	1	-1	-4
2003 to 04	-2	0	-3	-2	-5	-12
2004 to 05	-1	3	-1	-1	-2	-2
2005 to 06	4	3	-1	1	-7	0
2006 to 07	7	-2	-2	3	-1	5
2007 to 08	1	1	0	-1	1	2
2008 to 09	4	2	-1	-1	0	4
2009 to 10	0	0	1	1	2	4
2010 to 11	5	-2	2	0	0	5
2011 to 12	-6	12	0	2	-2	6
2012 to 13	5	0	-6	-2	-1	-4
2013 to 14	7	0	-2	1	0	6
2014 to 15	-6	4	0	-1	-1	-4
2015 to 16	3	-1	-2	1	-2	-1
2016 to 17	-2	-4	-1	-2	-3	-12
2017 to 18	13	6	20	22	20	81
2018 to 19	6	-2	-4	5	2	7
2019 to 20	9	5	5	1	7	27
2020 to 21	9	-2	-7	9	1	10

Enrollment History of Wayne Thomas Elementary School
2002–03 to 2021–22

School Year	K	1	2	3	4	5	Total
2002–03	62	66	61	76	67	61	393
2003–04	53	61	59	61	76	64	374
2004–05	55	57	60	58	61	70	361
2005–06	35	55	56	64	61	62	333
2006–07	62	39	55	55	62	62	335
2007–08	57	63	41	52	57	62	332
2008–09	51	70	68	48	60	62	359
2009–10	47	65	71	71	52	66	372
2010–11	42	51	61	75	68	53	350
2011–12	48	49	52	65	77	73	364
2012–13	46	50	56	52	64	79	347
2013–14	41	57	50	60	56	58	322
2014–15	44	45	61	55	62	55	322
2015–16	29	52	46	55	51	61	294
2016–17	42	38	53	47	51	49	280
2017–18	41	55	43	56	51	53	299
2018–19	62	51	54	45	60	52	324
2019–20	40	66	54	53	46	62	321
2020–21	44	48	61	55	45	46	299
2021–22	56	54	58	59	56	46	329

Decomposition of Annual Sources of Enrollment Change at Wayne Thomas Elementary School
September 2002 to September 2021

Transition Year Sept. to Sept.	Change Total Enrollment	Entering K vs. Exiting 5	Net Student Migration/ Transfer
2002 to 03	-19	-8	-11
2003 to 04	-13	-9	-4
2004 to 05	-28	-35	7
2005 to 06	2	0	2
2006 to 07	-3	-5	2
2007 to 08	27	-11	38
2008 to 09	13	-15	28
2009 to 10	-22	-24	2
2010 to 11	14	-5	19
2011 to 12	-17	-27	10
2012 to 13	-25	-38	13
2013 to 14	0	-14	14
2014 to 15	-28	-26	-2
2015 to 16	-14	-19	5
2016 to 17	19	-8	27
2017 to 18	25	9	16
2018 to 19	-3	-12	9
2019 to 20	-22	-18	-4
2020 to 21	30	10	20

Net Annual Student Migration/Transfer at Wayne Thomas Elementary School
September 2002 to September 2021

Transition Year Sept. to Sept.	Grade Transition					
	K-1	1-2	2-3	3-4	4-5	Total
2002 to 03	-1	-7	0	0	-3	-11
2003 to 04	4	-1	-1	0	-6	-4
2004 to 05	0	-1	4	3	1	7
2005 to 06	4	0	-1	-2	1	2
2006 to 07	1	2	-3	2	0	2
2007 to 08	13	5	7	8	5	38
2008 to 09	14	1	3	4	6	28
2009 to 10	4	-4	4	-3	1	2
2010 to 11	7	1	4	2	5	19
2011 to 12	2	7	0	-1	2	10
2012 to 13	11	0	4	4	-6	13
2013 to 14	4	4	5	2	-1	14
2014 to 15	8	1	-6	-4	-1	-2
2015 to 16	9	1	1	-4	-2	5
2016 to 17	13	5	3	4	2	27
2017 to 18	10	-1	2	4	1	16
2018 to 19	4	3	-1	1	2	9
2019 to 20	8	-5	1	-8	0	-4
2020 to 21	10	10	-2	1	1	20

Enrollment History of Edgewood Middle School
2002–03 to 2021–22

School Year	6	7	8	Total
2002–03	185	202	182	569
2003–04	192	177	198	567
2004–05	201	192	176	569
2005–06	208	198	194	600
2006–07	163	209	197	569
2007–08	192	162	205	559
2008–09	203	200	172	575
2009–10	196	200	204	600
2010–11	183	190	205	578
2011–12	200	184	191	575
2012–13	222	207	193	622
2013–14	202	223	199	624
2014–15	192	201	217	610
2015–16	177	189	204	570
2016–17	173	171	188	532
2017–18	183	173	170	526
2018–19	267	265	260	792
2019–20	236	268	266	770
2020–21	235	231	260	726
2021–22	223	233	227	683

Decomposition of Annual Sources of Enrollment Change at Edgewood Middle School
September 2002 to September 2021

Transition Year Sept. to Sept.	Change Total Enrollment	Entering 6 vs. Exiting 8	Net Student Migration/ Transfer
2002 to 03	-2	10	-12
2003 to 04	2	3	-1
2004 to 05	31	32	-1
2005 to 06	-31	-31	0
2006 to 07	-10	-5	-5
2007 to 08	16	-2	18
2008 to 09	25	24	1
2009 to 10	-22	-21	-1
2010 to 11	-3	-5	2
2011 to 12	47	31	16
2012 to 13	2	9	-7
2013 to 14	-14	-7	-7
2014 to 15	-40	-40	0
2015 to 16	-38	-31	-7
2016 to 17	-6	-5	-1
2017 to 18	266	97	169
2018 to 19	-22	-24	2
2019 to 20	-44	-31	-13
2020 to 21	-43	-37	-6

Net Annual Student Migration/Transfer at Edgewood Middle School
September 2002 to September 2021

Transition Year Sept. to Sept.	Grade Transition		
	6-7	7-8	Total
2002 to 03	-8	-4	-12
2003 to 04	0	-1	-1
2004 to 05	-3	2	-1
2005 to 06	1	-1	0
2006 to 07	-1	-4	-5
2007 to 08	8	10	18
2008 to 09	-3	4	1
2009 to 10	-6	5	-1
2010 to 11	1	1	2
2011 to 12	7	9	16
2012 to 13	1	-8	-7
2013 to 14	-1	-6	-7
2014 to 15	-3	3	0
2015 to 16	-6	-1	-7
2016 to 17	0	-1	-1
2017 to 18	82	87	169
2018 to 19	1	1	2
2019 to 20	-5	-8	-13
2020 to 21	-2	-4	-6

Enrollment History of Elm Place Middle School (closed)
2002–03 to 2017–18

School Year	6	7	8	Total
2002–03	143	148	147	438
2003–04	158	141	148	447
2004–05	160	156	140	456
2005–06	142	165	164	471
2006–07	176	143	164	483
2007–08	167	182	154	503
2008–09	156	164	174	494
2009–10	151	157	165	473
2010–11	147	160	161	468
2011–12	117	159	160	436
2012–13	137	120	154	411
2013–14	117	135	123	375
2014–15	115	124	138	377
2015–16	128	121	125	374
2016–17	99	124	120	343
2017–18	80	95	125	300

Decomposition of Annual Sources of Enrollment Change at Elm Place Middle School (closed)
September 2002 to September 2017

Transition Year Sept. to Sept.	Change Total Enrollment	Entering 6 vs. Exiting 8	Net Student Migration/ Transfer
2002 to 03	9	11	-2
2003 to 04	9	12	-3
2004 to 05	15	2	13
2005 to 06	12	12	0
2006 to 07	20	3	17
2007 to 08	-9	2	-11
2008 to 09	-21	-23	2
2009 to 10	-5	-18	13
2010 to 11	-32	-44	12
2011 to 12	-25	-23	-2
2012 to 13	-36	-37	1
2013 to 14	2	-8	10
2014 to 15	-3	-10	7
2015 to 16	-31	-26	-5
2016 to 17	-43	-40	-3

Net Annual Student Migration/Transfer at Elm Place Middle School (closed)
September 2002 to September 2017

Transition Year Sept. to Sept.	Grade Transition		
	6-7	7-8	Total
2002 to 03	-2	0	-2
2003 to 04	-2	-1	-3
2004 to 05	5	8	13
2005 to 06	1	-1	0
2006 to 07	6	11	17
2007 to 08	-3	-8	-11
2008 to 09	1	1	2
2009 to 10	9	4	13
2010 to 11	12	0	12
2011 to 12	3	-5	-2
2012 to 13	-2	3	1
2013 to 14	7	3	10
2014 to 15	6	1	7
2015 to 16	-4	-1	-5
2016 to 17	-4	1	-3

Enrollment History of Northwood Middle School
2002–03 to 2021–22

School Year	6	7	8	Total
2002–03	147	146	152	445
2003–04	136	141	141	418
2004–05	129	129	145	403
2005–06	130	117	124	371
2006–07	129	127	112	368
2007–08	142	123	124	389
2008–09	143	150	127	420
2009–10	154	140	144	438
2010–11	161	156	150	467
2011–12	146	156	145	447
2012–13	172	144	154	470
2013–14	187	164	134	485
2014–15	157	192	165	514
2015–16	166	160	190	516
2016–17	157	163	158	478
2017–18	174	158	161	493
2018–19	180	179	157	516
2019–20	167	176	175	518
2020–21	185	159	171	515
2021–22	157	177	156	490

Decomposition of Annual Sources of Enrollment Change at Northwood Middle School
September 2002 to September 2021

Transition Year Sept. to Sept.	Change Total Enrollment	Entering 6 vs. Exiting 8	Net Student Migration/ Transfer
2002 to 03	-27	-16	-11
2003 to 04	-15	-12	-3
2004 to 05	-32	-15	-17
2005 to 06	-3	5	-8
2006 to 07	21	30	-9
2007 to 08	31	19	12
2008 to 09	18	27	-9
2009 to 10	29	17	12
2010 to 11	-20	-4	-16
2011 to 12	23	27	-4
2012 to 13	15	33	-18
2013 to 14	29	23	6
2014 to 15	2	1	1
2015 to 16	-38	-33	-5
2016 to 17	15	16	-1
2017 to 18	23	19	4
2018 to 19	2	10	-8
2019 to 20	-3	10	-13
2020 to 21	-25	-14	-11

Net Annual Student Migration/Transfer at Northwood Middle School
September 2002 to September 2021

Transition Year Sept. to Sept.	Grade Transition		
	6–7	7–8	Total
2002 to 03	–6	–5	–11
2003 to 04	–7	4	–3
2004 to 05	–12	–5	–17
2005 to 06	–3	–5	–8
2006 to 07	–6	–3	–9
2007 to 08	8	4	12
2008 to 09	–3	–6	–9
2009 to 10	2	10	12
2010 to 11	–5	–11	–16
2011 to 12	–2	–2	–4
2012 to 13	–8	–10	–18
2013 to 14	5	1	6
2014 to 15	3	–2	1
2015 to 16	–3	–2	–5
2016 to 17	1	–2	–1
2017 to 18	5	–1	4
2018 to 19	–4	–4	–8
2019 to 20	–8	–5	–13
2020 to 21	–8	–3	–11