



# **North Shore School District 112**

## **Demographic Trends and Enrollment Projections**

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## **Preface**

This report presents population and housing trends within North Shore School District 112 and assesses the implications of these trends for future enrollments at the individual schools and the District as a whole. The objective of this report is fourfold. First, I shall discuss residential development patterns and demographic dynamics underlying historical enrollment changes in NSSD 112 and provide the latest figures. Next, I shall assess annual enrollment changes in District 112 schools since school year 2002-03 and analyze student migration/transfer patterns and other sources of these enrollment changes in light of the most recent data. I shall then discuss new housing development potential, housing turnover (including teardowns) and other factors impacting family in-migration that will shape future enrollments in the District and the individual schools. Finally, I shall project enrollment, by grade and by year, for each of the seven elementary schools through school year 2023-24, and for Edgewood Middle School, Northwood Junior High School, as well as for the District as a whole through school year 2028-29.

All 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 NSSD 112 and the elementary school attendance areas. These three series will provide forecasts by

grade and by year 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 administrators of NSSD 112 and village officials in Highland Park and Highwood. I would like to acknowledge Chris Wildman, Chief Financial Officer/CSBO and, especially, John Petzke, Chief Technology Officer, who assembled much of the information upon which this study is based. For their fine assistance and that of others who contributed to this study, I am most appreciative.

## **School District Overview**

North Shore District 112 is located on the Lake Michigan Shoreline in Lake County 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, Highwood, and Fort Sheridan, was established in 1993 through a consolidation of Highland Park SD 107, Highland Park SD 108, and Highwood-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 nearly 3,900 students in grades PK through 8<sup>th</sup>.

Prior to the 2018-19 school year, District 112 had one early childhood center, eight elementary schools, and three junior high/middle schools. This past 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 have both become 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.

## **Housing and Population Trends**

Like other affluent North Shore suburbs, the areas served by NSSD 112 was well established prior to the 1950s. In 1950, Highland Park's population stood at 16,808 and Highwood's at 3,813. The 1950s witnessed a spurt in new housing construction, especially in Highland Park, that continued into the 1960s. Highland Park's residents expanded to 25,532 and on to a peak of 32,263 in 1970. Highwood grew more slowly to 4,499 residents in 1960 and to 4,973 in 1970

The vast majority of newly constructed homes in the 1950s and 1960s were single-family units containing three or more bedrooms and they were fairly reasonably priced. As late as 1970, the median value of owner-occupied units in Highland was \$123,700 and in Highwood just \$67,700 (see Table 1). These new single-family units attracted large numbers of young families with children leading to a boom in preschool and school-age residents, especially during the 1950s and early 1960s (see Table 2).

The 1970s ushered in more multifamily units and a community maturation-aging process commenced. The preschool and school-age population dropped considerably in the two villages as is also shown in Table 2. High mortgage interest rates in the late 1970s and early 1980s combined with fewer parcels of developable land severely curtailed both housing turnover and new housing construction. By the time NSSD 112 was formally designated (1993),

most of its area was built-out. As housing values continued to appreciate, scattered teardowns and rebuilds began to occur. New replacement homes tended to be at least one-bedroom larger and attracted younger families with preschool and school-age children.

With mortgage interest rates substantially dropping in the mid-1980s and remaining at relatively low levels throughout the 1990s, and a growing number of “empty-nester” homes coming on the market, housing turnover to younger families with elementary and middle school age children also increased.

Whereas overall population in the two villages remained somewhat stable after 1990, Table 2 reveals fluctuations in the number of both preschool (under age 5) and school-age residents. It must be noted that the 2017 figures are based on estimate derived from the American Community Survey for the 2013–2017 period. Let me further point out the considerable rise in residents 65 years of age and older in the villages, especially Highland Park. This would suggest that there will be a continuing healthy turnover in housing in the years ahead from empty-nesters to younger households with preschool and school-age children.

Figure 1 shows the annual number of home sales and median price of the home sales from 2000 to 2018 in Highland Park and Highwood. Note the major dip in home sales during the 2008–2012 recession. There has been a fairly solid recovery since 2012, especially in Highland Park, and sales prices have some shown some recovery as well, though not quite to their pre-recession peaks.



Table 1

Median Value of Owner-occupied Housing Units in Villages Served by NSSD 112:  
1950 to 2015

Year	Highland Park	Highwood
1950	\$20,000+	\$11,484
1960	\$31,300	\$18,000
1970	\$46,100	\$22,900
1980	\$123,700	\$67,700
1990	\$257,000	\$134,400
2000	\$380,000	\$229,200
2008–12	\$521,700	\$361,400
2013–17	\$574,100	\$362,400

Source: U.S. Bureau of the Census. Decennial Census of Population and Housing, 1950 to 2000, and American Community Survey, 2008–12 and 2013–17 five-year estimates.

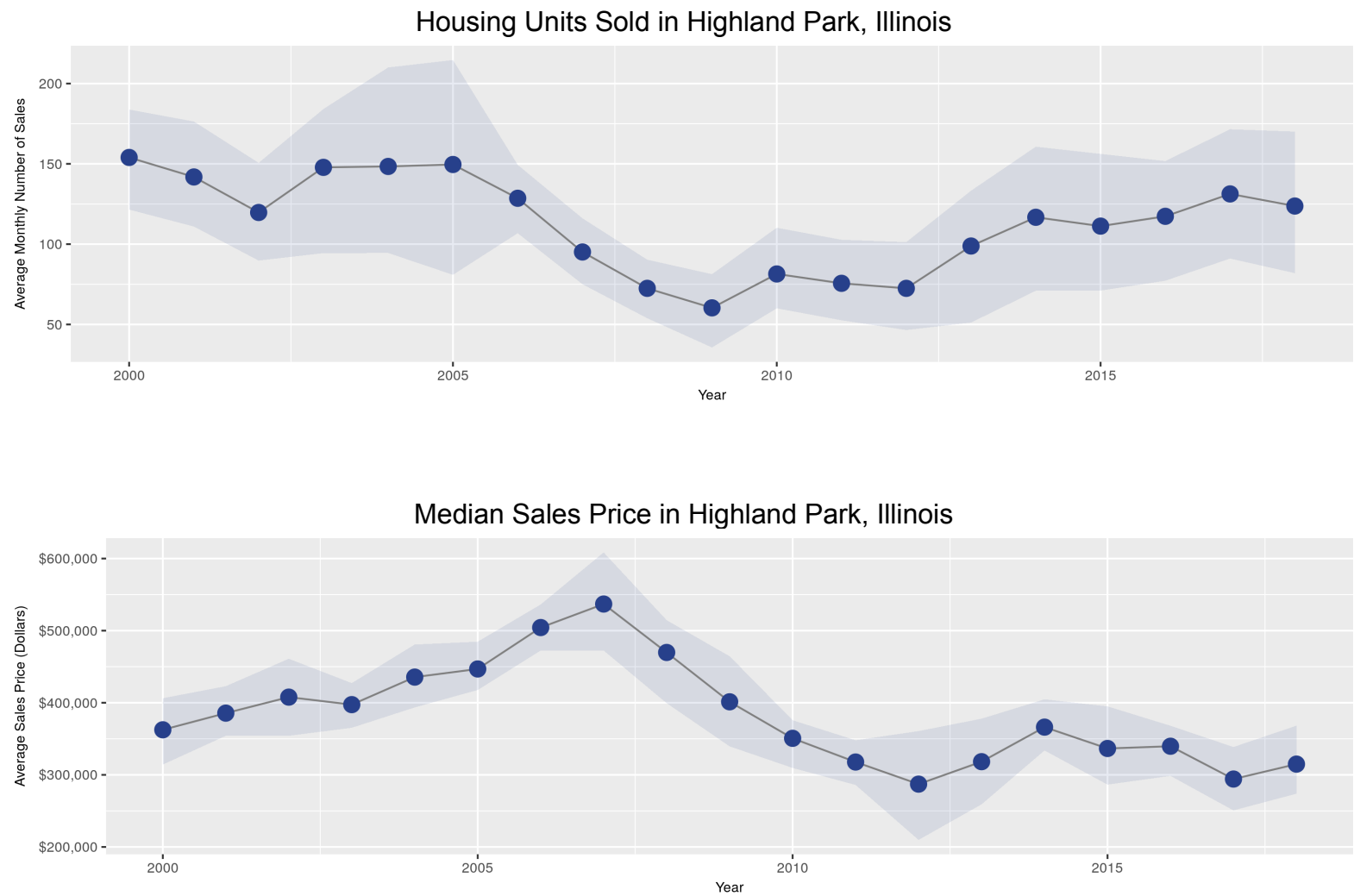
Table 2

## Population by Age in Villages Served by NSSD 112: 1950 to 2017

City	Age	1950	1960	1970	1980	1990	2000	2010	2017
Highland Park	Total	16,808	25,532	32,263	30,611	30,575	31,365	29,763	29,796
	Under 5	1,554	2,661	2,547	1,838	2,243	2,330	1,573	1,897
	5 to 9	1,401	3,021	3,495	2,162	2,130	2,468	2,243	1,999
	9 to 14	1,207	2,579	4,007	3,004	1,987	2,344	2,403	2,327
	15 to 19	976	1,557	2,954	2,734	1,796	1,807	1,968	1,813
	65 and over	1,222	1,810	2,249	2,793	3,785	4,726	5,757	6,576
Highwood	Total	3,813	4,499	4,973	5,452	5,331	4,143	5,405	5,375
	Under 5	396	547	395	301	386	300	471	413
	5 to 9	275	440	399	316	324	251	432	306
	9 to 14	216	338	458	312	276	250	376	393
	15 to 19	251	265	397	444	313	281	317	323
	65 and over	257	338	528	661	707	651	557	768

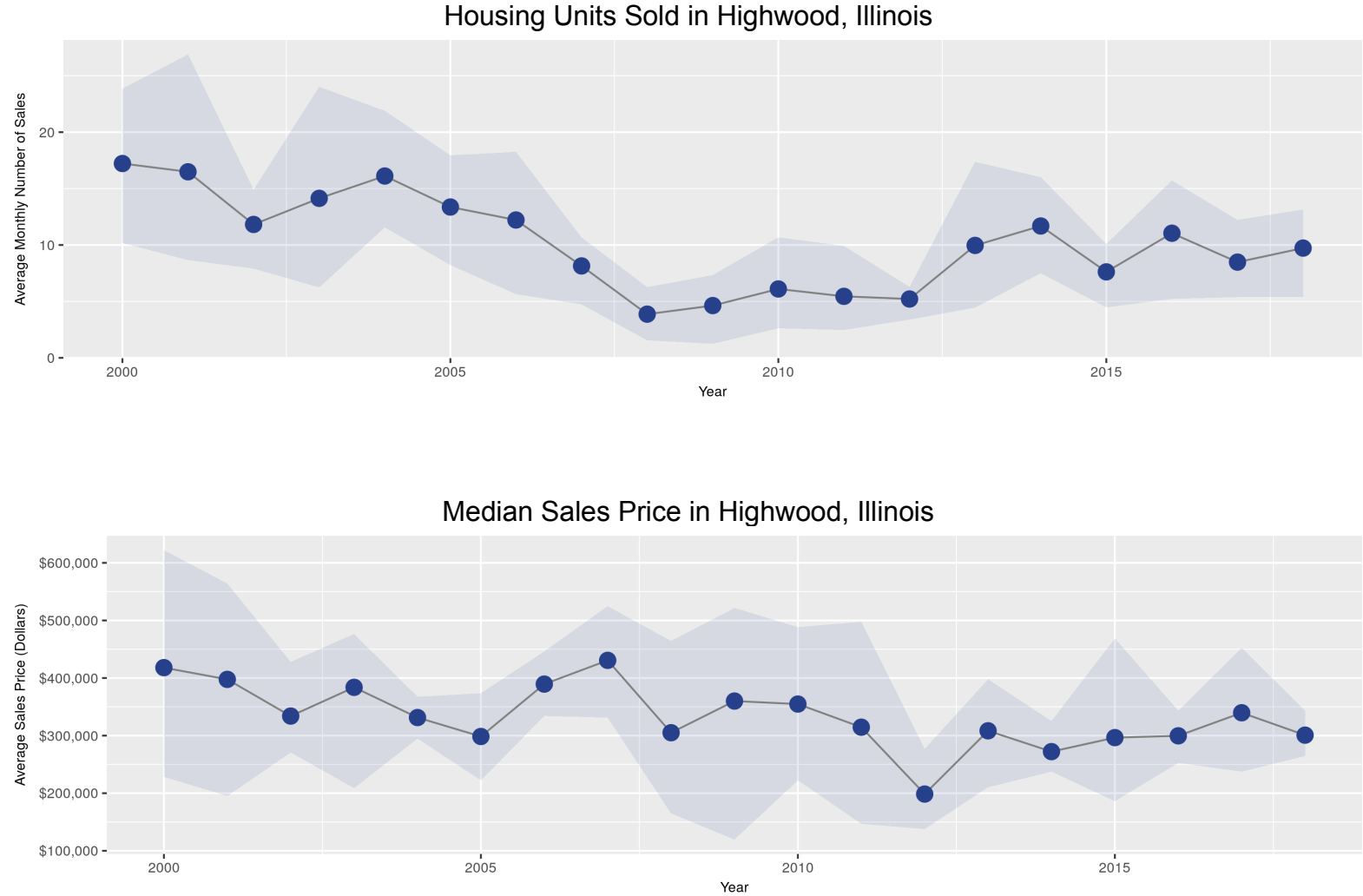
Source: U.S. Bureau of the Census. Decennial Census of Population and Housing, 1950 to 2010;  
American Community Survey 2013–2017 Five-Year Estimates.

Figure 1. Annual Home Sales in Villages Served by NSSD 112: 2000 to 2018



Continued. . .

Figure 1—Continued. Annual Home Sales in in Villages Served by NSSD 112: 2000 to 2018



Source: Adapted from trulia.com

## **Enrollment Trends and Student Migration**

Enrollment trends in the school districts that now make up NSSD 112, as well as other nearby north shore school districts, mirrored new housing construction and family migration patterns in the post-WWII decades and primarily housing turnover during the past three decades. With the single-family housing development boom in the 1950s and 1960s, total enrollment in these school districts mushroomed. Enrollment growth continued until the mid-1970s in almost all of these districts.

With village maturation and aging and rising mortgage interest rates, total enrollment sharply dropped from the mid-1970s to the mid-1980s. Afterwards, with declining mortgage interest rates and growing housing turnover to younger families, total enrollment in these districts began to rise again. By the 2002–03 school year, total enrollment in NSSD 112 stood at 4,422 students. NSSD 112 total enrollment decreased to 4,207 students in 2005–06 before slowly climbing back to 4,399 students in 2009–10. Enrollment then declined every year but one through this school year where the 2018–19 Fall Housing Survey reported 3,664 students in grades K through 8<sup>th</sup> (Table 3). In addition, there were 224 pre-K students.

## **Determinants of enrollment change**

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

Tables 3, 4, and 5 describe how annual enrollment change in NSSD 112 between school year 2002–03 and school year 2018–19 may be decomposed into the two component parts. Table 3 reports the grade-by-grade and year-by-year enrollment for the District since 2002–03. Table 4 decomposes the annual total enrollment changes into the two component parts. Thus, between September 2017 (school year 2017–18) and September 2018 (school year 2018–19) District K–8 enrollment (which included special education students assigned to appropriate grades) declined by 72 students (3,736 to 3,664). The 456 eighth graders who graduated in June 2018 (see Table 3) were replaced this past September (2018) by 362 kindergarten students, for a net class size difference of –94. This 94-student loss was partially compensated for by 22 more students who migrated into the District or transferred to District 112 schools from private or parochial schools than who migrated out of the District or transferred to

private or parochial schools between September 2017 and September 2018. The two components ( $-94$ ,  $+22$ ) sum precisely to the net 72 student loss in the District between September 2017 and September 2018.

Observe that for the vast majority of the past sixteen years, District 112 experienced positive net student in-migration and transfer. Since September 2008, 283 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. This high positive net student migration/transfer, however, could not compensate for District enrollment losses from larger graduating eighth grade classes compared to entering kindergarten classes resulting in annual declines in total enrollment in nine of the last ten years, as the K-8 total went from 4,399 in 2009-10 to 3,664 in 2018-19.

Table 5 describes how the net student migration/transfer figures are computed from the enrollment data. The bottom left cell of “28” means that as the kindergarten class of September 2017 progressed to the first grade in September 2018, it gained 28 students (see Table 3 where kindergarten enrollment in school year 2017-18 was 351 and first grade enrollment in school year 2018-19 is 379 students). Similarly, as the first grade class of September 2017 progressed to the second grade in September 2018, it gained one student. Summing across the bottom row of Table 6, one obtains 22, which is the net

student migration/transfer gain between September 2017 and September 2018 shown in Table 4.

The largest and most consistent figures in Table 5 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.

Tables 6 through 29 show that enrollments at most of the elementary schools have fluctuated, some dramatically so, over the past five years as a result of administrative reassignments of dual language programs, the closing of Lincoln Elementary and other administrative decisions. Decomposition of the annual sources of enrollment change in each elementary school and annual migration/transfer analysis reveal these impacts on a substantial number of them. For example, Indian Trail experienced a net positive student migration/transfer of 149 students this year which was entirely responsible for its substantial growth. Likewise, Sherwood Elementary experienced an 81-student net student migration/transfer gain this year from administrative actions. On the other hand, Red Oak Elementary experienced a net student migration/transfer loss of 54 students between fall 2017 and fall 2018 as their regular education monolingual students were moved to Sherwood.

Following four years of enrollment declines, Table 30 shows that enrollment at Edgewood Middle School received a major enrollment boost this



year with the closing of Elm Place. Northwood Junior High School (Table 33) has grown in seven of the past eight years. When I combined the enrollments for Edgewood, Elm Place and Northwood, the results showed consistent annual declines in total grade 6–8 enrollment during the past five years with this total dropping from 1,501 students in 2014–15 to 1,308 students in 2018–19.

Table 3

## Enrollment History of North Shore School District 112: 2002–03 to 2018–19

School Year	K	1	2	3	4	5	6	7	8	Total
2002–03	479	517	489	508	501	476	475	496	481	4,422
2003–04	427	493	498	488	498	487	486	459	487	4,323
2004–05	455	457	484	499	487	490	490	477	461	4,300
2005–06	415	460	459	478	488	465	480	480	482	4,207
2006–07	465	441	467	466	481	491	468	479	473	4,231
2007–08	448	520	444	463	464	478	501	467	483	4,268
2008–09	447	499	505	464	483	484	502	514	473	4,371
2009–10	426	490	512	511	468	481	501	497	513	4,399
2010–11	401	457	475	509	513	464	491	506	516	4,332
2011–12	412	421	458	481	503	518	463	499	496	4,251
2012–13	407	436	438	465	486	509	531	471	501	4,244
2013–14	373	452	441	440	472	481	506	522	456	4,143
2014–15	428	414	461	451	440	469	464	517	520	4,164
2015–16	395	445	412	466	445	433	471	470	519	4,056
2016–17	371	406	432	406	459	431	429	458	466	3,858
2017–18	351	398	390	424	408	446	437	426	456	3,736
2018–19	362	379	399	390	424	402	447	444	417	3,664

Table 4

Decomposition of Annual Sources of Enrollment Change at  
North Shore School District 112: September 2002 to September 2018

Transition Year Sept. to Sept.	Change Total Enrollment	Entering K vs. Exiting 8	Net Student Migration/ Transfer
2002 to 03	-99	-54	-45
2003 to 04	-23	-32	9
2004 to 05	-93	-46	-47
2005 to 06	24	-17	41
2006 to 07	37	-25	62
2007 to 08	103	-36	139
2008 to 09	28	-47	75
2009 to 10	-67	-112	45
2010 to 11	-81	-104	23
2011 to 12	-7	-89	82
2012 to 13	-101	-128	27
2013 to 14	21	-28	49
2014 to 15	-108	-125	17
2015 to 16	-198	-148	-50
2016 to 17	-122	-115	-7
2017 to 18	-72	-94	22

Table 5

Net Annual Student Migration/Transfer at  
North Shore School District 112: September 2002 to September 2018

Transition Year Sept. to Sept.	Grade Transition								
	K-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	Total
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

Table 6

## Enrollment History of Braeside Elementary School: 2002–03 to 2018–19

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

Table 7

Decomposition of Annual Sources of Enrollment Change at  
Braeside Elementary School: September 2002 to September 2018

Transition Year Sept. to Sept.	Change Total Enrollment	Entering K vs. Exiting 8	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

Table 8

Net Annual Student Migration/Transfer at  
Braeside Elementary School: September 2002 to September 2018

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

Table 9

## Enrollment History of Indian Trail Elementary School: 2002–03 to 2018–19

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



Table 10

Decomposition of Annual Sources of Enrollment Change at  
Indian Trail Elementary School: September 2002 to September 2018

Transition Year Sept. to Sept.	Change Total Enrollment	Entering K vs. Exiting 8	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

Table 11

Net Annual Student Migration/Transfer at  
Indian Trail Elementary School: September 2002 to September 2018

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

Table 12

## Enrollment History of Lincoln Elementary School: 2002–03 to 2018–19

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
2018–19	—	—	—	—	—	—	—

Table 13

Decomposition of Annual Sources of Enrollment Change at  
Lincoln Elementary School: September 2002 to September 2018

Transition Year Sept. to Sept.	Change Total Enrollment	Entering K vs. Exiting 8	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
2017 to 18	—	—	—

Table 14

Net Annual Student Migration/Transfer at  
Lincoln Elementary School: September 2002 to September 2018

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
2017 to 18	—	—	—	—	—	—

Table 15

## Enrollment History of Oak Terrace Elementary School: 2002–03 to 2018–19

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

Table 16

Decomposition of Annual Sources of  
Oak Terrace Elementary School: September 2002 to September 2018

Transition Year Sept. to Sept.	Change Total Enrollment	Entering K vs. Exiting 8	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

Table 17

Net Annual Student Migration/Transfer at  
Oak Terrace Elementary School: September 2002 to September 2018

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



Table 18

## Enrollment History of Ravinia Elementary School: 2002–03 to 2018–19

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

Table 19

Decomposition of Annual Sources of Enrollment Change at  
Ravinia Elementary School: September 2002 to September 2018

Transition Year Sept. to Sept.	Change Total Enrollment	Entering K vs. Exiting 8	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

Table 20

Net Annual Student Migration/Transfer at  
Ravinia Elementary School: September 2002 to September 2018

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

Table 21

## Enrollment History of Red Oak Elementary School: 2002–03 to 2018–19

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

Table 22

Decomposition of Annual Sources of Enrollment Change at  
Red Oak Elementary School: September 2002 to September 2018

Transition Year Sept. to Sept.	Change Total Enrollment	Entering K vs. Exiting 8	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

Table 23

Net Annual Student Migration/Transfer at  
Red Oak Elementary School: September 2002 to September 2018

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

Table 24

## Enrollment History of Sherwood Elementary School: 2002–03 to 2018–19

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

Table 25

Decomposition of Annual Sources of Enrollment Change at  
Sherwood Elementary School: September 2002 to September 2018

Transition Year Sept. to Sept.	Change Total Enrollment	Entering K vs. Exiting 8	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



Table 26

Net Annual Student Migration/Transfer at  
Sherwood Elementary School: September 2002 to September 2018

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

Table 27

## Enrollment History of Wayne Thomas Elementary School: 2002–03 to 2018–19

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

Table 28

Decomposition of Annual Sources of Enrollment Change at  
Wayne Thomas Elementary: September 2002 to September 2018

Transition Year Sept. to Sept.	Change Total Enrollment	Entering K vs. Exiting 8	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

Table 29

Net Annual Student Migration/Transfer at  
Wayne Thomas Elementary: September 2002 to September 2018

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

Table 30

## Enrollment History of Edgewood Middle School: 2002–03 to 2018–19

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

Table 31

Decomposition of Annual Sources of Enrollment Change at  
Edgewood Middle School: September 2002 to September 2018

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

Table 32

Net Annual Student Migration/Transfer at  
Edgewood Middle School: September 2002 to September 2018

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

Table 33

## Enrollment History of Elm Place School: 2002–03 to 2018–19

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
2018–19	—	—	—	—



Table 34

Decomposition of Annual Sources of Enrollment Change at  
Elm Place School: September 2002 to September 2018

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
2017 to 18	—	—	—

Table 35

Net Annual Student Migration/Transfer at  
Elm Place School: September 2002 to September 2018

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
2017 to 18	—	—	—

Table 36

## Enrollment History of Northwood Junior High School: 2002–03 to 2018–19

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

Table 37

Decomposition of Annual Sources of Enrollment Change at  
Northwood Junior High School: September 2002 to September 2018

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

Table 38

Net Annual Student Migration/Transfer at  
Northwood Junior High School: September 2002 to September 2018

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

## **The Enrollment Future of NSSD 112**

The critical question now becomes, what will happen to enrollment in District 112 over the next ten years? Which grade levels will it impact most? Which schools will be most affected? My analysis of registered births data for the NSSD 112 area, trends in kindergarten enrollments, likely housing development and housing turnover, and student migration/ transfer patterns lead me to forecast a 241-student loss in total district enrollment over the next five years, after which stabilization should occur. The majority of the loss will be accounted for by two schools: Oak Terrace Elementary School and Edgewood Middle School. Before presenting and elaborating upon these forecasts, let me describe the factors underlying them.

Table 39 provides information on births to residents in local zip codes from 1990 to 2017. In a general (but quite inexact) sense, kindergarten enrollment lags annual community births by approximately five years. I have found, however, in prior surveys of North Shore school districts that the majority of their kindergarten students were not born in the school district but moved there with their parents while under age 5. Considering this, along with solid housing turnover expected driven by large numbers of “empty nest” households over age 65 in the district and a continuing solid economy, my judgment is that

kindergarten enrollment will actually edge up slightly in the future. This housing turnover should also keep net student migration/transfer on the positive side.

Such a prognostication is corroborated by long-range population forecasts provided by the Chicago Metropolitan Agency for Planning, or CMAP) for Highland Park and Highwood. The latest (October 2014) CMAP forecasts presented in Table 40 indicate that between 2010 and 2040 both villages will see considerable population growth. I should point out, however, that experience has shown that the CMAP forecasts have tended to be on the high side.

In projecting enrollment for NSSD 112, 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 elementary school enrollment projections because children who will be reaching kindergarten during the next five years are already born. Fertility rate changes during the next five years could affect elementary school enrollments, beginning with school year 2024–25. However, recent demographic surveys of middle-and upper-income young adults do not lead one to expect significant changes in their fertility rates during the next five years. For this reason, all projections will assume that fertility rates remain near existing levels through 2023.

The second, and most critical factor for future enrollment in the schools is net student in-migration resulting from new housing development in the District and turnover of existing housing units. With respect to future new housing

construction, officials in Highland Park are expecting 20–35 single-family units to be constructed annually over the next ten years, along with 15 to 20 teardowns and rebuilds annually. There will also be some multi-family unit construction. Highwood anticipates a considerable amount of multi-family unit construction over the next five years. However, almost all of these units are expected to be studio or one-bedroom units in the downtown core targeted to retirees and some millennials. Their student yield should therefore be minor.

The bottom line is, though, is that since District 112 is approaching build-out, new housing development will likely have only small impacts on future enrollment. Future family migration patterns will vary substantially, however, predicated on the degree of housing turnover (including teardowns and replacement housing), driven by economic conditions and mortgage interest rates. For this reason three sets of enrollment projections will be provided for the District as a whole and for Edgewood Middle School and Northwood Junior High School through 2028–29. Individual elementary schools will be projected through 2023–24. These projections will be presented in the form of separate series based on the following assumptions:

<i>Series A</i>	Enrollment projection assuming future fertility rates remain constant (through 2023) and that housing development, housing turnover and resulting in-migration of families with preschool age and school age children <i>are less than anticipated</i> through 2028–29;
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- Series B* Enrollment projection assuming future fertility rates remain constant (through 2023) and that housing development, housing turnover and resulting in-migration of families with preschool age and school age children *occur as anticipated* through 2028–29;
- Series C* Enrollment projection assuming future fertility rates remain constant (through 2023) and that housing development, housing turnover and resulting in-migration of families with preschool age and school age children *are greater than anticipated* through 2028–29.

The basic methodology used to make the three series of enrollment projections is a modified cohort survival procedure. Average cohort progression factors were computed for each grade transition for the past four years based on each school's migration/transfer figures shown previously. These average progression factors were adjusted for outliers and perturbations due to school closings and shifting dual language programs in any given year and then applied to compute baseline enrollment projections (via conventional cohort survival techniques) for each school and the District. The sizes of future entering kindergarten classes were estimated using existing trends, student migration patterns, and anticipated housing development and housing turnover during the coming decade. Note that for a number of elementary schools there have been major ups and downs annually in their kindergarten class sizes. I smoothed these perturbations using professional judgment in estimating future kindergarten classes. However, the risk remains that such smoothing does not capture future perturbations that could turn into trends. In general, I wish to caution that school

closings and administrative reassignments have made generating stable cohort survival estimates difficult and risky, especially for a number of the elementary schools (e.g., see recent kindergarten enrollments at Wayne Thomas).

The next step was to adjust projected enrollment each year in grades 1 through 8 for possible alterations in new housing development and housing turnover. To obtain the Series B enrollment projections, it was assumed that future trends in housing turnover (including teardowns) would mirror the average of the last four years. Series A projections were made using similar methods but with student in-migration (resulting from lesser housing development and turnover than anticipated) deflated by approximately 15 percent. Series C assumes a 15 percent increase in the amount of future in-migration of families with preschool and school age children to housing units in the District.

In projecting sixth grade students, Braerside, Indian Trail, Ravinia, and Sherwood were assumed to feed Edgewood Middle School, while Oak Terrace, Red Oak, and Wayne Thomas were assumed to feed Northwood Junior High School. The fifth grade to sixth grade progressions to the Edgewood and Northwood also consider transfers from private and parochial schools as well as student in-migration from out of the district.

Table 39

Births to Residents of Combined Zip Codes 60035 and 60040:  
1990 to 2017

Birth Year	Births
1990	503
1991	522
1992	534
1993	539
1994	555
1995	516
1996	482
1997	529
1998	496
1999	555
2000	527
2001	536
2002	514
2003	491
2004	455
2005	437
2006	402
2007	378
2008	383
2009	362
2010	318
2011	333
2012	304
2013	347
2014	325
2015	358
2016	326
2017	287

Source: Illinois Department of Public Health.

Table 40

Population and Households Change in Village Serb by NSSD 112:  
2010 to 2040

Population				
Village	2010 <sup>a</sup>	2040 <sup>b</sup>	Change	% Change
Highland Park	29,763	41,836	12,073	40.6%
Highwood	5,405	7,771	2,366	43.8%
Households				
Village	2010 <sup>a</sup>	2040 <sup>b</sup>	Change	% Change
Highland Park	11,410	15,981	4,571	40.1%
Highwood	1,742	2,608	866	49.7%

<sup>a</sup> U.S. Bureau of the Census. Decennial Census of Population and Housing, 2010.

<sup>b</sup> Chicago Metropolitan Agency for Planning 2040 Forecast of Population, Households and Employment. October 10, 2014.

## **Enrollment Projections**

Tables 41 through 67 provide the grade by grade and year by year projections through school year 2023–24 for each of the seven elementary schools and through 2028–29 for Edgewood Middle School and Northwood Junior High 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, Ravinia, and Red Oaks Elementary Schools will remain relatively stable over the next five years. Indian Trail and Sherwood Elementary Schools will decline modestly from their current enrollments. Oak Terrace will experience a steady and significant decline over the next five years, while Wayne Thomas Elementary should see steady growth.

Under the most likely Series B assumptions, enrollment at Edgewood Middle School will decline from its current 788 enrollment to 648 students 2025–26 then inch up to 669 student in 2018–19.

Northwood Junior High Schools will rise slightly from 520 students this year to 525 next year. Its enrollment will then decline to 480 students in 2021–22 then stabilize near 470 students through 2028–29.

An important caveat should be reiterated regarding enrollment projections for the individual elementary schools. As noted, a number of District 112 elementary schools had highly fluctuating annual kindergarten enrollments over the past five years due, in part, to program reassignments or the closing of Lincoln. This makes accurate estimates of their future year-by-year kindergarten counts very difficult. Despite using professional judgment in making future kindergarten estimates, which included some smoothing of kindergarten enrollments in the out years, the perturbations this past year in particular, add considerable risk to these estimates.

Another caveat refers to enrollment projections beyond school year 2023–24. At the middle and junior high school level, projections for the next five years can be made with more confidence than for the five years following 2023–24, since most students who will enter the middle school and junior high school through 2023–24 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, projections beyond 2023–24 would include students yet to be born. It is for this reason that I projected individual elementary schools only to 2023–24. Projections

thereafter are provided, however, for the aggregate elementary school enrollment in District 112 to 2028–29, based on assumptions noted, since this is less risky than projecting individual elementary schools (relatively smaller areas) beyond 2023–24.

Tables 68, 69, and 70 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 2028–29. These aggregate projections were made based on district-wide data and analysis, independent of the individual school enrollment projections. 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. Series A District 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 projections, which will be lower than the sum of the individual schools Series C projections.

Should housing development, housing turnover, and student in-migration be less than anticipated (Series A), Table 68 reveals that total District enrollment, which this fall stood at 3,888 (including pre-K), will moderately decline to 3,221 in 2025–26. Total District enrollment will then stabilize modestly above that number through 2028–29. While the Series A projections may be considered too conservative by many, they should not be dismissed out of hand. If we slip back

into a prolonged recession or if mortgage interest rates rise substantially, housing turnover will slow and such enrollment declines could occur.

Should housing development, housing turnover, and resulting student in-migration occur as we anticipate, the Series B projections presented in Table 69 show that total District enrollment will slowly decline to 3,647 students in 2022–23. Afterwards, total enrollment will gradually rise to 3,716 students in 2028–29. 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, however, it is possible that empty-nest housing turnover could push future enrollment in some schools above Series B

If the future housing development, housing turnover, and student in-migration exceed current expectations, Series C projections presented in Table 70 show total District enrollment will steadily increase to 4,171 students in 2028–29. My judgment is that Series C is the upper limit enrollment parameter for District 112 over the coming decade.

Figures 2, 3, and 4 provide graphic summaries of historic enrollment annually from 2002–03 to 2018–19 and projected annually from 2019–20 to 2018–19 under Series A, Series B, and Series C assumptions for combined graded K–5, 6–8, and K–8.



## **Concluding Remarks**

No demographer has a crystal ball. In this report, I have assembled the best information presently available and applied professional techniques and judgment to project enrollments for NSSD 112 schools. Given highly fluctuating kindergarten enrollments in the District's individual elementary schools along with major impacts of school closings and program reassignment among schools, these projections should be monitored and updated regularly (at least every two to three years) to ensure that policy decisions are based on the latest and most reliable figures. At this time, it is my hope that the projections and other demographic information contained in this report will be helpful to the NSSD 112 Board of Education, administrators, teachers, and concerned citizens as plans are made for future space and staff needs in District 112 schools.

John D. Kasarda, Ph.D.  
San Diego, California  
May 2019

Table 41

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Are Less than Anticipated* through 2023–24

## Braeside Elementary School

<i>Series A Projection</i>						
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24
K	31	31	32	32	32	31
1	45	33	33	34	34	34
2	34	45	33	33	34	34
3	60	33	44	32	32	33
4	52	58	31	42	30	30
5	47	51	57	30	41	29
Total	269	251	230	203	203	191

Table 42

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Occur As Anticipated* through 2023–24

## Braeside Elementary School

<i>Series B Projection</i>						
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24
K	31	34	35	35	34	35
1	45	36	39	40	40	39
2	34	46	37	40	41	41
3	60	35	47	38	41	42
4	52	60	35	47	38	41
5	47	52	60	35	47	38
Total	269	263	253	235	241	236

Table 43

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Are Greater than Anticipated* through 2023–24

## Braeside Elementary School

<i>Series C Projection</i>						
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24
K	31	38	39	39	39	40
1	45	39	46	47	47	47
2	34	48	42	49	50	50
3	60	37	51	45	52	53
4	52	62	39	53	47	54
5	47	54	64	41	55	49
Total	269	278	281	274	290	293

Table 44

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Are Less than Anticipated* through 2023–24

## Indian Trail Elementary School

<i>Series A Projection</i>						
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24
K	63	58	60	59	60	59
1	70	67	62	64	63	64
2	66	65	62	57	59	58
3	55	62	61	58	53	55
4	89	52	59	58	55	50
5	83	84	47	54	53	50
Total	426	388	351	350	343	336

Table 45

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Occur As Anticipated* through 2023–24

## Indian Trail Elementary School

<i>Series B Projection</i>						
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24
K	63	63	65	64	65	64
1	70	70	70	72	71	72
2	66	67	67	67	69	68
3	55	63	64	64	64	66
4	89	54	62	63	63	63
5	83	86	51	59	60	60
Total	426	403	379	389	392	393

Table 46

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Are Greater than Anticipated* through 2023–24

## Indian Trail Elementary School

<i>Series C Projection</i>						
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24
K	63	68	70	68	69	70
1	70	73	78	80	78	79
2	66	70	73	78	80	78
3	55	66	70	73	78	80
4	89	55	66	70	73	78
5	83	87	53	64	68	71
Total	426	419	410	433	446	456

Table 47

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Are Less than Anticipated* through 2023–24

## Oak Terrace Elementary School

<i>Series A Projection</i>						
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24
K	71	70	70	69	68	68
1	84	63	62	62	61	60
2	92	78	57	56	56	55
3	72	90	76	55	54	54
4	83	67	85	71	50	49
5	78	79	63	81	67	46
Total	480	447	413	394	356	332



Table 48

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Occur As Anticipated* through 2023–24

## Oak Terrace Elementary School

<i>Series B Projection</i>						
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24
K	71	75	76	75	74	74
1	84	66	70	71	70	69
2	92	80	62	66	67	66
3	72	91	79	61	65	66
4	83	69	88	76	58	62
5	78	81	67	86	74	56
Total	480	462	442	435	408	393

Table 49

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Are Greater than Anticipated* through 2023–24

## Oak Terrace Elementary School

<i>Series C Projection</i>						
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24
K	71	81	82	81	81	81
1	84	69	79	80	79	79
2	92	83	68	78	79	78
3	72	93	84	69	79	80
4	83	71	92	83	68	78
5	78	83	71	92	83	68
Total	480	480	476	483	469	464

Table 50

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Are Less than Anticipated* through 2023–24

## Ravinia Elementary School

<i>Series A Projection</i>						
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24
K	35	28	29	28	29	28
1	29	36	29	30	29	30
2	38	27	34	27	28	27
3	42	37	26	33	26	27
4	42	40	35	24	31	24
5	40	38	36	31	20	27
Total	226	206	189	173	163	163

Table 51

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Occur As Anticipated* through 2023–24

## Ravinia Elementary School

<i>Series B Projection</i>						
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24
K	35	32	33	32	34	33
1	29	39	36	37	36	38
2	38	29	39	36	37	36
3	42	39	30	40	37	38
4	42	42	39	30	40	37
5	40	39	39	36	27	37
Total	226	220	216	211	211	219

Table 52

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Are Greater than Anticipated* through 2023–24

## Ravinia Elementary School

<i>Series C Projection</i>						
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24
K	35	37	38	37	39	38
1	29	41	43	44	43	45
2	38	31	43	45	46	45
3	42	41	34	46	48	49
4	42	44	43	36	48	50
5	40	41	43	42	35	47
Total	226	235	244	250	259	274

Table 53

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Are Less than Anticipated* through 2023–24

## Red Oak Elementary School

<i>Series A Projection</i>						
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24
K	40	37	37	36	37	38
1	41	41	38	38	37	38
2	51	38	38	35	35	34
3	51	48	35	35	32	32
4	33	52	49	36	36	33
5	34	31	50	47	34	34
Total	250	247	247	227	211	209

Table 54

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Occur As Anticipated* through 2023–24

## Red Oak Elementary School

<i>Series B Projection</i>						
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24
K	40	42	43	42	43	44
1	41	43	45	46	45	46
2	51	40	42	44	45	44
3	51	50	39	41	43	44
4	33	54	53	42	44	46
5	34	33	54	53	42	44
Total	250	262	276	268	262	268

Table 55

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Are Greater than Anticipated* through 2023–24

## Red Oak Elementary School

<i>Series C Projection</i>						
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24
K	40	48	49	48	49	50
1	41	46	54	55	54	55
2	51	42	47	55	56	55
3	51	52	43	48	56	57
4	33	56	57	48	53	61
5	34	34	57	58	49	54
Total	250	278	307	312	317	332



Table 56

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Are Less than Anticipated* through 2023–24

Sherwood Elementary School

<i>Series A Projection</i>						
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24
K	60	53	54	55	56	55
1	59	59	52	53	54	55
2	64	57	57	50	51	52
3	65	61	54	54	47	48
4	65	63	59	52	52	45
5	68	63	61	57	50	50
Total	381	356	337	321	310	305

Table 57

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Occur As Anticipated* through 2023–24

Sherwood Elementary School

<i>Series B Projection</i>						
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24
K	60	58	60	59	60	60
1	59	62	60	62	61	62
2	64	59	62	60	62	61
3	65	63	58	61	59	61
4	65	64	62	57	60	58
5	68	64	63	61	56	59
Total	381	370	365	360	358	361

Table 58

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Are Greater than Anticipated* through 2023–24

Sherwood Elementary School

<i>Series C Projection</i>						
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24
K	60	62	63	62	64	64
1	59	65	67	68	67	69
2	64	61	67	69	70	69
3	65	63	60	66	68	69
4	65	66	64	61	67	69
5	68	65	66	64	61	67
Total	381	382	387	390	397	407

Table 59

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Are Less than Anticipated* through 2023–24

## Wayne Thomas Elementary School

<i>Series A Projection</i>						
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24
K	62	48	49	46	48	47
1	51	68	54	55	52	54
2	54	50	67	53	54	51
3	45	53	49	66	52	53
4	60	44	52	48	65	51
5	52	58	42	50	46	63
Total	324	321	313	318	317	319

Table 60

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Occur As Anticipated* through 2023–24

## Wayne Thomas Elementary School

<i>Series B Projection</i>						
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24
K	62	53	54	51	54	53
1	51	71	62	63	60	63
2	54	52	72	63	64	61
3	45	55	53	73	64	65
4	60	46	56	54	74	65
5	52	60	46	56	54	74
Total	324	337	343	360	370	381

Table 61

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Are Greater than Anticipated* through 2023–24

## Wayne Thomas Elementary School

<i>Series C Projection</i>						
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24
K	62	58	59	57	60	60
1	51	73	69	70	68	71
2	54	54	76	72	73	71
3	45	57	57	79	75	76
4	60	48	60	60	82	78
5	52	62	50	62	62	84
Total	324	352	371	400	420	440

Table 62

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Are Less than Anticipated* through 2028–29

## Edgewood Middle School

<i>Series A Projection</i>											
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27	2027–28	2028–29
6	266	225	229	215	197	183	191	180	184	183	188
7	263	259	220	223	208	191	179	187	175	180	178
8	259	256	251	212	215	200	186	174	181	170	174
Total	788	740	700	650	620	574	556	541	540	533	540

Table 63

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Occur As Anticipated* through 2028–29

## Edgewood Middle School

<i>Series B Projection</i>											
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27	2027–28	2028–29
6	266	241	248	238	222	214	220	218	224	222	225
7	263	264	240	247	237	221	213	219	217	223	222
8	259	261	262	238	244	234	219	211	217	216	222
Total	788	766	750	723	703	669	652	648	658	661	669



Table 64

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Are Greater than Anticipated* through 2028–29

## Edgewood Middle School

<i>Series C Projection</i>											
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27	2027–28	2028–29
6	266	255	266	260	245	243	247	256	262	260	261
7	263	268	259	269	263	248	245	250	258	265	262
8	259	266	270	261	270	264	248	246	250	259	265
Total	788	789	795	790	778	755	740	752	770	784	788

Table 65

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Are Less than Anticipated* through 2028–29

Northwood Junior High School

<i>Series A Projection</i>											
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27	2027–28	2028–29
6	181	152	157	131	149	129	134	126	129	128	132
7	181	180	149	155	130	147	128	133	126	128	128
8	158	175	175	144	150	125	143	124	130	122	125
Total	520	507	481	430	429	401	405	383	385	378	385

Table 66

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Occur As Anticipated* through 2028–29

Northwood Junior High School

<i>Series B Projection</i>											
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27	2027–28	2028–29
6	181	162	170	146	167	150	154	154	158	157	159
7	181	184	164	172	148	169	152	156	156	160	158
8	158	179	182	162	171	147	168	151	155	154	158
Total	520	525	516	480	486	466	474	461	469	471	475

Table 67

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Are Greater than Anticipated* through 2028–29

Northwood Junior High School

<i>Series C Projection</i>											
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27	2027–28	2028–29
6	181	172	182	159	185	171	174	180	185	183	183
7	181	187	176	187	164	190	176	178	185	189	188
8	158	181	188	177	189	166	191	176	179	185	190
Total	520	540	546	523	538	527	541	534	549	557	561

Table 68

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Are Less than Anticipated* through 2028–29

## North Shore School District 112

Series A Projection											
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27	2027–28	2028–29
K	362	340	344	340	342	346	342	349	341	345	344
1	379	382	360	364	360	362	369	365	372	364	368
2	399	365	368	346	350	346	355	362	358	365	357
3	390	390	356	359	337	341	339	348	355	351	358
4	424	384	384	350	353	331	338	336	345	352	348
5	402	411	371	371	337	340	321	328	326	335	342
6	447	377	386	346	346	312	325	306	313	311	320
7	444	439	369	378	338	338	307	320	301	308	306
8	417	431	426	356	365	325	329	298	311	292	299
K–5	2,356	2,272	2,183	2,130	2,079	2,066	2,064	2,088	2,097	2,112	2,117
6–8	1,308	1,247	1,181	1,080	1,049	975	961	924	925	911	925
K–8	3,664	3,519	3,364	3,210	3,128	3,041	3,025	3,012	3,022	3,023	3,042
Pre-K	224	211	209	210	212	210	214	209	212	211	211
Total	3,888	3,730	3,573	3,420	3,340	3,251	3,239	3,221	3,234	3,234	3,253

Table 69

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children

*Occur As Anticipated through 2028–29*

North Shore School District 112

<i>Series B Projection</i>											
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27	2027–28	2028–29
K	362	359	368	364	367	372	369	375	368	373	374
1	379	389	386	395	391	394	400	397	403	396	401
2	399	374	384	381	390	386	391	397	394	400	393
3	390	395	370	380	377	386	383	388	394	391	397
4	424	390	395	370	380	377	387	384	389	395	392
5	402	417	383	388	363	373	371	381	378	383	389
6	447	403	418	384	389	364	374	372	382	379	384
7	444	448	404	419	385	390	365	375	373	383	380
8	417	440	444	400	415	381	387	362	372	370	380
K–5	2,356	2,324	2,286	2,278	2,268	2,288	2,301	2,322	2,326	2,338	2,346
6–8	1,308	1,291	1,266	1,203	1,189	1,135	1,126	1,109	1,127	1,132	1,144
K–8	3,664	3,615	3,552	3,481	3,457	3,423	3,427	3,431	3,453	3,470	3,490
Pre-K	224	223	221	223	226	224	227	223	226	227	226
Total	3,888	3,838	3,773	3,704	3,683	3,647	3,654	3,654	3,679	3,697	3,716

Table 70

Enrollment Projection Assuming Future Fertility Rates Remain Constant (through 2023) and that Housing Development, Housing Turnover and Resulting In-Migration of Families with Preschool Age and School Age Children  
*Are Greater than Anticipated through 2028–29*

## North Shore School District 112

<i>Series C Projection</i>											
Grade	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24	2024–25	2025–26	2026–27	2027–28	2028–29
K	362	379	389	386	390	395	393	401	398	404	406
1	379	396	413	423	420	424	428	426	434	431	437
2	399	383	400	417	427	424	425	429	427	435	432
3	390	401	385	402	419	429	425	426	430	428	436
4	424	395	406	390	407	424	435	431	432	436	434
5	402	423	394	405	389	406	421	432	428	429	433
6	447	427	448	419	430	414	421	436	447	443	444
7	444	455	435	456	427	438	421	428	443	454	450
8	417	447	458	438	459	430	439	422	429	444	455
K–5	2,356	2,377	2,387	2,423	2,452	2,502	2,527	2,545	2,549	2,563	2,578
6–8	1,308	1,329	1,341	1,313	1,316	1,282	1,281	1,286	1,319	1,341	1,349
K–8	3,664	3,706	3,728	3,736	3,768	3,784	3,808	3,831	3,868	3,904	3,927
Pre-K	224	234	232	235	238	237	241	240	243	244	244
Total	3,888	3,940	3,960	3,971	4,006	4,021	4,049	4,071	4,111	4,148	4,171

Figure 2. Historic Total Elementary (K–5) Enrollment from 2002–03 to 2018–19 and Projected Enrollment from 2019–20 to 2028–29 under Series A, Series B, and Series C assumptions.

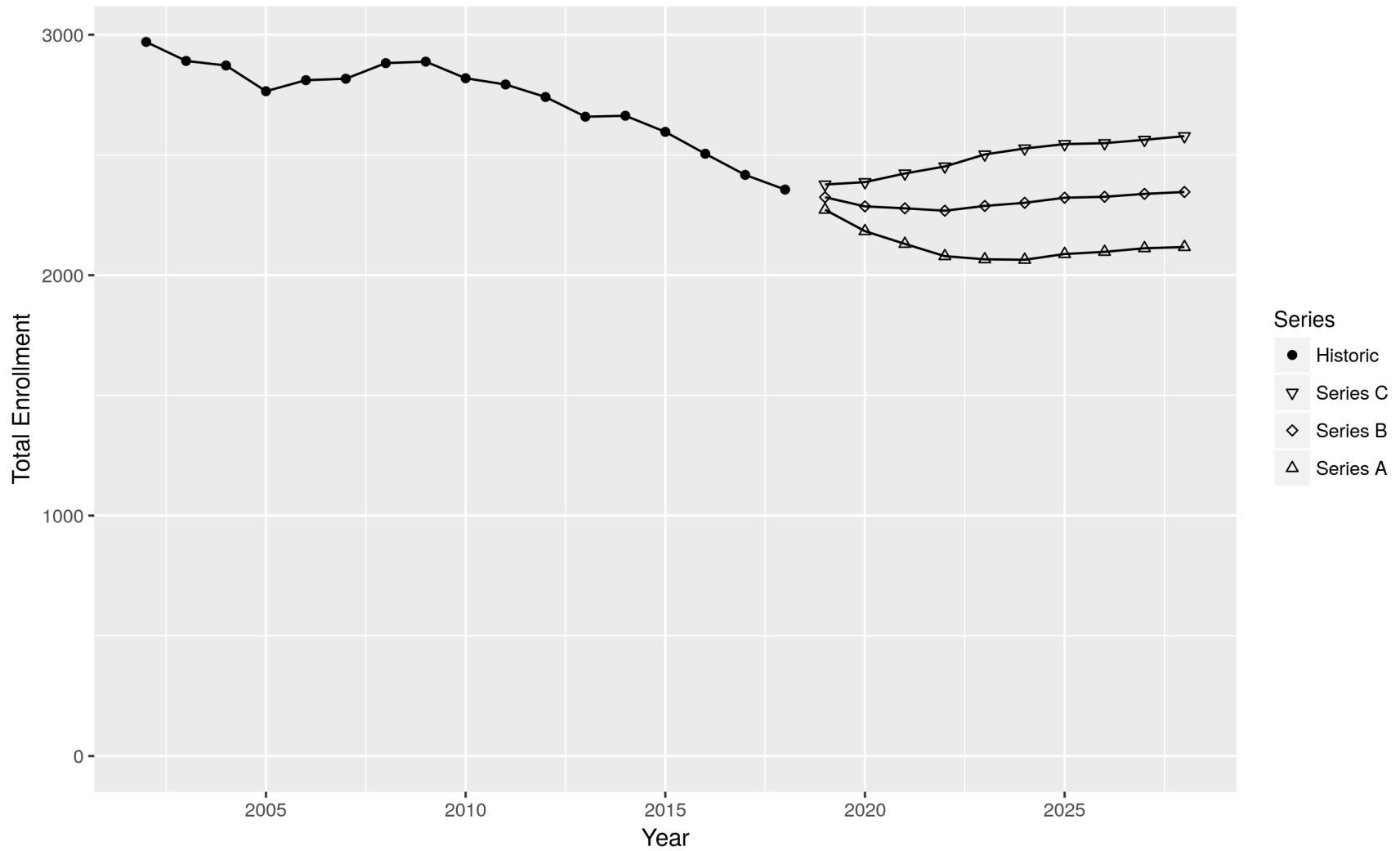




Figure 3. Historic Total Middle/Junior High (6–5) Enrollment from 2002–03 to 2018–19 and Projected Enrollment from 2019–20 to 2028–29 under Series A, Series B, and Series C assumptions.

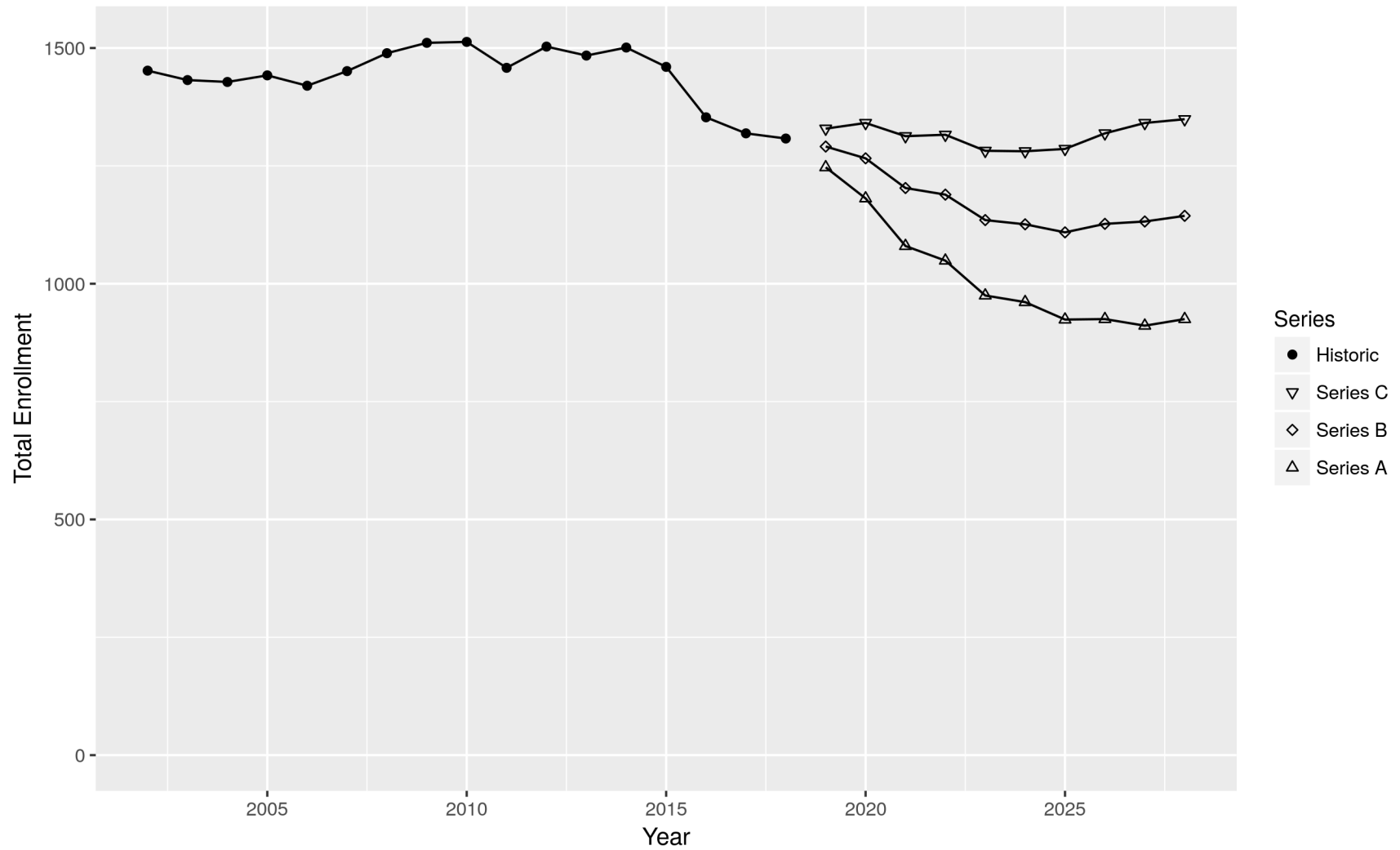


Figure 4. Historic NSSD 112 Total (K–8) Enrollment from 2002–03 to 2018–19 and Projected Enrollment from 2019–20 to 2028–29 under Series A, Series B, and Series C assumptions.

