



Northbrook School District 27

Office of the Superintendent
David J. Kroeze, Ph.D.

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MEMORANDUM

To: Members, Board of Education
From: David Kroeze
Re: Fall 2018 Enrollment Report
Date: September 6, 2018

In this report I have provided you with a summary and analysis of our grade level enrollment data. I have also provided future enrollment projections through the 2022-23 school year.

Fall Enrollment Data for 2018

- The enrollment for the fall of 2018 is 1,260. This number is consistent with our enrollment projection which was 1,259.
- Each grade level enrollment takes into consideration the within-grade-growth over last school year. We are exactly where we anticipated we would be in all the schools with just some minor aberrations by grade level (ranging from 1 to 6 students higher or lower at any grade level). Overall, our enrollment has remained stable as projected.
- At kindergarten we had 2 more students than expected with a total enrollment of 119. The average enrollment over the past four years since we began the Full-Day Kindergarten Program confirms that 117 is a solid number to use for our future projections. Yet, we will continue to monitor the trend line each year.
- As you know, the two key factors that have the greatest impact on our enrollment from year-to-year are:
 1. Graduating 8th grade classes that are typically larger than the incoming kindergarten classes (due to growth over the nine years of the class).
 2. Within-grade-growth from year-to-year in grades 1-8.
- Comparing our enrollments by building from last fall:
 - Hickory Point decreased by 2 students.
 - Shabonee increased by 2 students.
 - Wood Oaks increased by 2 students.
- All in all, the enrollment is strong and stable with our projection being on target.

- Class sizes reflect our preferred student-teacher ratios.
- When we look at the gender of our student population, we continue to have more boys than girls. We have 577 females and 683 males in our regular and out-of-district programs. We have 106 more boys than girls in the District.

Figure 1: Fall Enrollment Data by School for 2018				
School	Grade	2018-2019 Fall Enrollment (Number of Sections)	Class Size	New Students in Fall 2018
Hickory Point	Kdgn	119 (7)	16-18	*61
	First	119 (6)	19-20	9
	Second	133 (7)	18-20	8
	Total	371		78
Shabonee	Third	143 (7)	19-21	11
	Fourth	145 (7)	19-22	5
	Fifth	132 (6)	20-24	3
	Total	420		19
Wood Oaks	Sixth	158	NA	8
	Seventh	148	NA	9
	Eighth	136	NA	3
	Total	442		20
Other Special Placements ECP (PreK) NSA ELS Out-of-District Private School Private Residential	K-8	7	NA	NA
		} 20		
	Total	27		NA
District Totals		1,260		117

* We define new kindergarten children as those students who did not have a sibling attend school on the last day of school last year.

New Student Move-Ins

- We continue to have new students move into the District as indicated in Figure 2. This year we enrolled 117 new students, consistent with the range we have experienced over the past four years. What is interesting is that we are seeing a growing pattern over the past 14 years as follows:
 - Up through 2006-07, we typically enrolled approximately 100 students each year with most of them entering the primary grades.

- The subsequent five years, during the housing crisis, we enrolled an average of 74 students (84, 87, 68, 62, and 69 respectively).
 - From 2012-2015 we enrolled an average of 102 students.
 - For the past four years we have averaged 118 new students per year. We will continue to monitor this data point as well.
- It is noteworthy that a majority of our new students are entering in kindergarten through second grade (consistent with our past). This high number of new students in the lower grades should have a positive long-term impact on the District’s enrollment provided the students remain in the District, and we continue to see typical “within-grade-growth”.

Figure 2: Number of New Students to District 27 over the Past Fourteen School Years

Year	K-3	4-5	6-8	Total
2005-06	67	17	13	97
2006-07	79	11	10	100
2007-08	66	6	12	84
2008-09	64	10	13	87
2009-10	40	9	19	68
	K-2	3-5	6-8	Total
2010-11	25	26	11	62
2011-12	31	20	18	69
2012-13	65	27	14	106
2013-14	73	15	12	100
2014-15	61	21	17	99
2015-16	62	25	25	112
2016-17	72	28	14	114
2017-18	80	29	21	130
2018-19	78	19	20	117

Revised Enrollment Projections

- We revise our enrollment projections annually. This revision includes a re-calculation of all “within-grade-growth” factors incorporating this year’s enrollment data. We then use these new factors, a kindergarten projection of 117, and any other idiosyncratic factors to develop our overall projections. For example, graduating a particularly large or small class in any given year can affect the next year’s total enrollment. Enrollment projections are found in Figure 3 below.
- You will note that we are projected to grow by almost 30 students next year and then 11 students in 2020-21. We will have a small decrease of 4 students in 2021-22 (the result of graduating a large 8th grade class) and then have another increase of 19 students.

- Wood Oaks will see continued growth as larger classes matriculate through the grades.
- Our enrollment will reach 1,315 students by the 2022-23 school year (as shown in Figures 3 and 4.) Obviously, all of these projections are contingent on typical factors playing out as they have in the past.

Figure 3: Enrollment Projections for 2019-20 through 2022-23											
Projected Enrollment 2019-20											
School	K	1	2	3	4	5	6	7	8	Other	Totals
HP	117	133	122								372
SH				141	147	149					437
WO							138	163	152		453
Other										27	27
Totals	117	133	122	141	147	149	138	163	152	27	1,289
Projected Enrollment 2020-2021											
School	K	1	2	3	4	5	6	7	8	Other	Totals
HP	117	130	136								383
SH				129	145	152					426
WO							155	142	167		464
Other										27	27
Totals	117	130	136	129	145	152	155	142	167	27	1,300
Projected Enrollment 2021-2022											
School	K	1	2	3	4	5	6	7	8	Other	Totals
HP	117	130	133								380
SH				144	133	149					426
WO							158	160	145		463
Other										27	27
Totals	117	130	133	144	133	149	158	160	145	27	1,296
Projected Enrollment 2022-2023											
School	K	1	2	3	4	5	6	7	8	Other	Totals
HP	117	130	133								380
SH				141	148	137					426
WO							155	163	164		482
Other										27	27
Totals	117	130	133	141	148	137	155	163	164	27	1,315

Figure 4: Summary K-8 Enrollment Projections by School – Year Totals					
School Year	Hickory Point	Shabonee	Wood Oaks	Other	Total
2018-19	371	420	442	27	1,260
2019-20	372	437	453	27	1,289
2020-21	383	426	464	27	1,300
2021-22	380	426	463	27	1,296
2022-23	380	426	482	27	1,315

Summary

- Our enrollment this fall is 1,260 students. This number reflects our projected enrollment. With our current projections, we anticipate the enrollment to grow over the next four years. We would project the overall enrollment range to be between 1,260 and 1,315.

- Current kindergarten enrollment patterns suggest that 117 is a good number to use for projections. We will monitor the numbers for this grade and refine our projections in the future.
- We typically experience an influx of new students in the District. This is our seventh consecutive year of having a 100 or more new students join the District. This year we had 117 new students join the District. We see this trend as a positive sign that our houses are turning over.
- All grades have great class sizes that are within our target range. We project to maintain a consistent staffing pattern level over the next four years.