

ANNANDALE PUBLIC SCHOOLS  
District 876

ENROLLMENT STUDY

---

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## I. Introduction

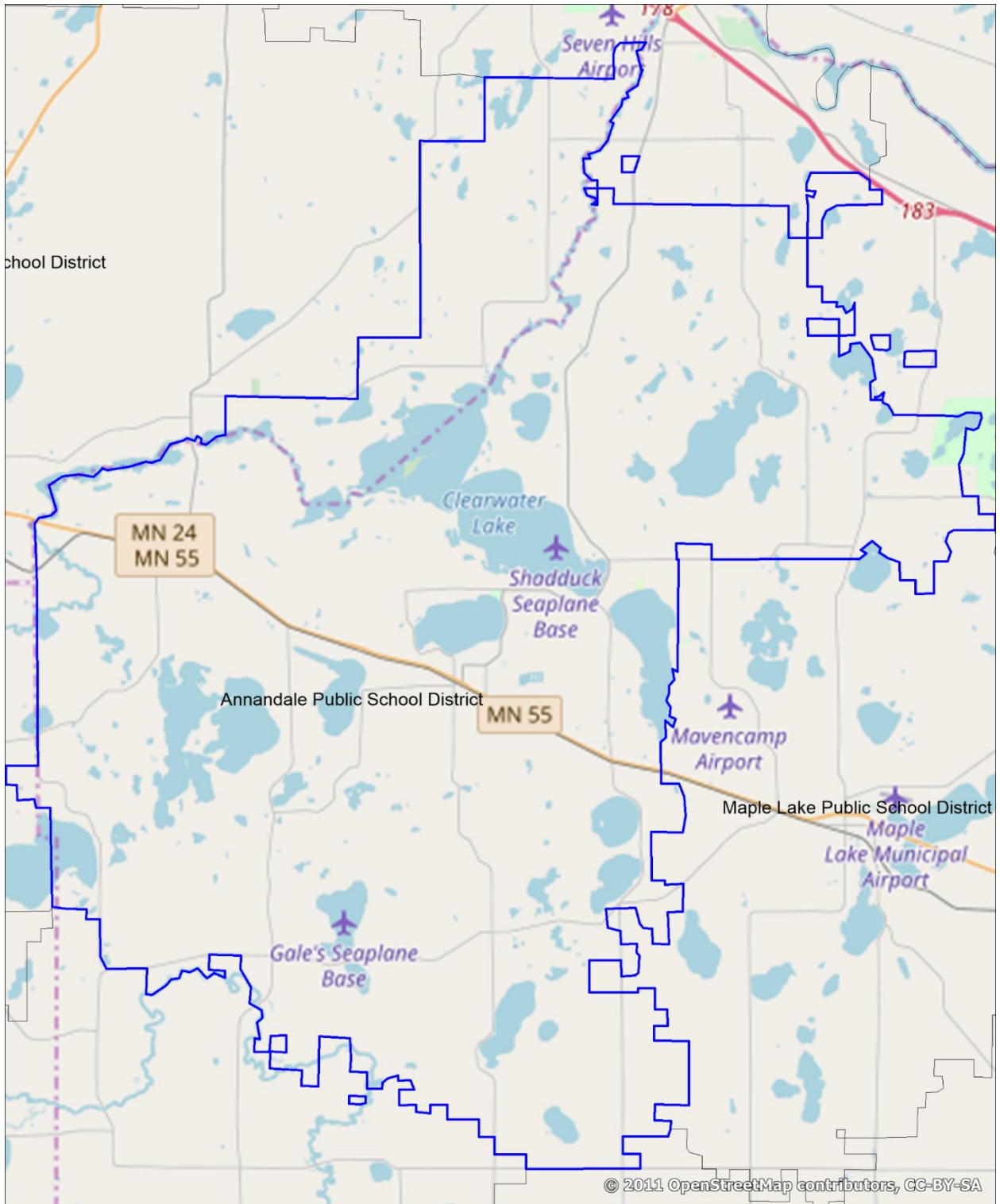
Estimating the number of students that will enroll in a school district in future years is important because:

- District revenues are based on the number of students that enroll
- The number of teachers needed is based on enrollment
- The need for new or expanded schools is based on enrollment

Given the importance of enrollment projections, the Annandale Public Schools retained SchoolFinances.com to complete an enrollment analysis of the district and prepare enrollment projections for five years.

The enrollment projections in this study were developed using the enrollment history of the district, population and population projections for the district, housing development, enrollment migration and birth data.

II. Map of the District



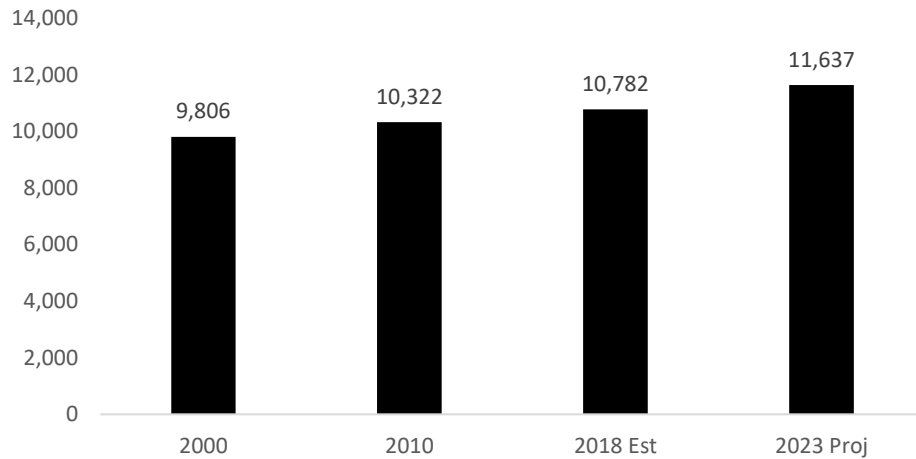
III. General Characteristics of the District

- A. Description of the District - A demographic profile was developed for the Annandale Public Schools and interviews were conducted with district, city, township and county representatives to gain their perspectives on growth and development.
- B. Population Trends and Estimates - A profile of the geographic region of the district was prepared that includes data from the census of 2000, 2010, estimates for 2018 and projections for 2023. The data includes Medicare and Social Security files, Internal Revenue Service statistics and a household level credit and demographic database. The detail of this profile, "Census Geographic Report," is a supplement to this report. Some information from the Census Geographic Report is presented in the following graphs.

1. Actual and Projected Population Growth

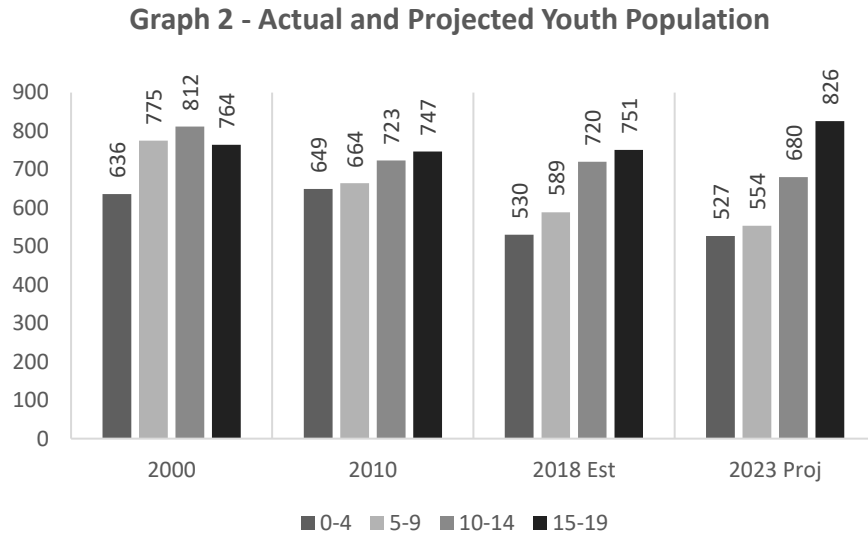
**Graph 1** presents the population of the Annandale Public Schools from 2000 through the projected population in 2023. The population of the district is projected to increase 7.9 % or about 171 residents annually, between the 2018 estimates and the projections for 2023.

**Graph 1 - Actual and Projected Population**



2. Actual and Projected Youth Population

**Graph 2** presents the population of children in the district from the 2000 and 2010 census data, 2018 population estimates and 2023 projections. The population of youth aged 15-19 is forecast to increase.



3. Female Population in Childbearing Years

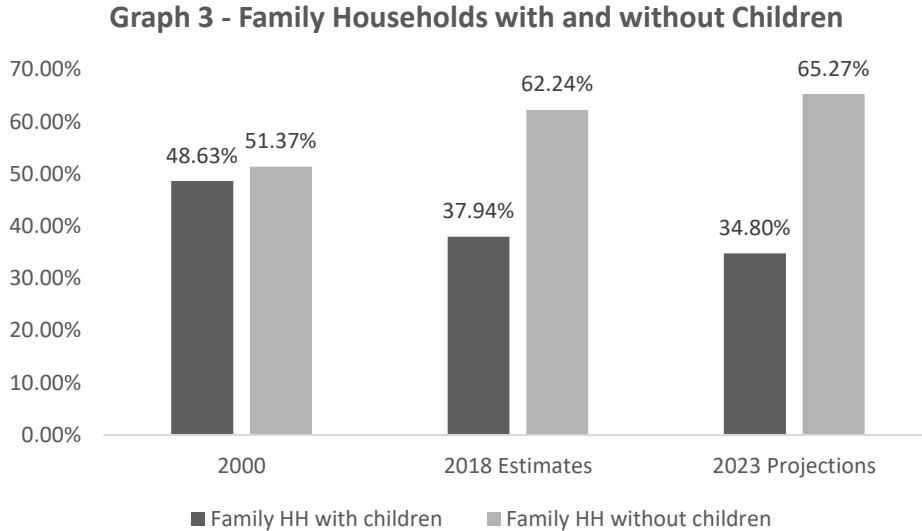
**Table 1** presents the female population within the district in childbearing years; ages 18-44. In 2023, 24.6% of the women in the district (1,416 of a total female population of 5,7595) are projected to be in childbearing years; 34% of the women in the state of Minnesota (984,979 of a total female population of 2,895,473) are projected to be in childbearing years in 2023.

**Table 1 - % of Female Population in Childbearing years**

Ages	% of Population 2010	Ages	% of Estimated Population 2018	Ages	% Projected Population 2023
18 years	1.2%	18 years	1.2%	18 years	1.2%
19 years	1.3%	19 years	1.3%	19 years	1.3%
20 to 24 years	3.4%	20 to 24 years	3.8%	20 to 24 years	4.3%
25 to 29 years	4.8%	25 to 29 years	4.0%	25 to 29 years	4.3%
30 to 34 years	5.1%	30 to 34 years	4.1%	30 to 34 years	3.7%
35 to 39 years	5.7%	35 to 39 years	5.3%	35 to 39 years	4.5%
40 to 44 years	7.0%	40 to 44 years	5.6%	40 to 44 years	5.3%
Child Bearing Years	28.5%	Child Bearing Years	25.3%	Child Bearing Years	24.6%

4. Households with and without children

**Graph 3** presents the percentage of family households with and without children. The majority of family households in the district do not have children. The total percentage of family households with children is projected to decrease between 2018 and 2023.



C. **Residential Building Development within the District**

The city of Annandale is planning for housing development including a 51-unit apartment complex (1 and 2 bedroom) that is under construction and scheduled to open in August of 2019. Another area for development is the Triplett Farms; anticipated to include 50 homes. At this time the site has been graded, has utilities installed and is ready for a developer to purchase and begin development. The history of new construction in Annandale has been:

- 2014 – 4 single family homes, 1 duplex
- 2015 – 9 single family homes
- 2016 – 11 single family homes
- 2017 – 10 single family homes
- 2018 – 7 single family homes

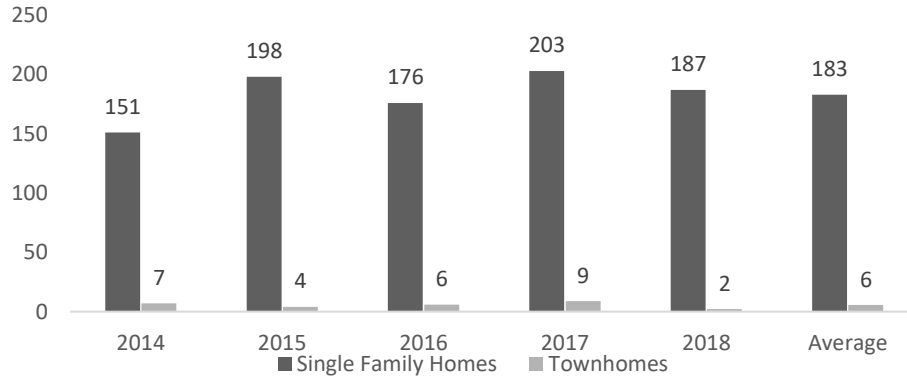
New homes built in the townships which are part of the school district – Albion, Clearwater, Corinna, French Lake, Silver Creek and Southside have averaged 40 homes/year in the last 5 years. It is important to note that not all of the areas of these townships are part of the Annandale school district.



D. Real Estate Sales within the District

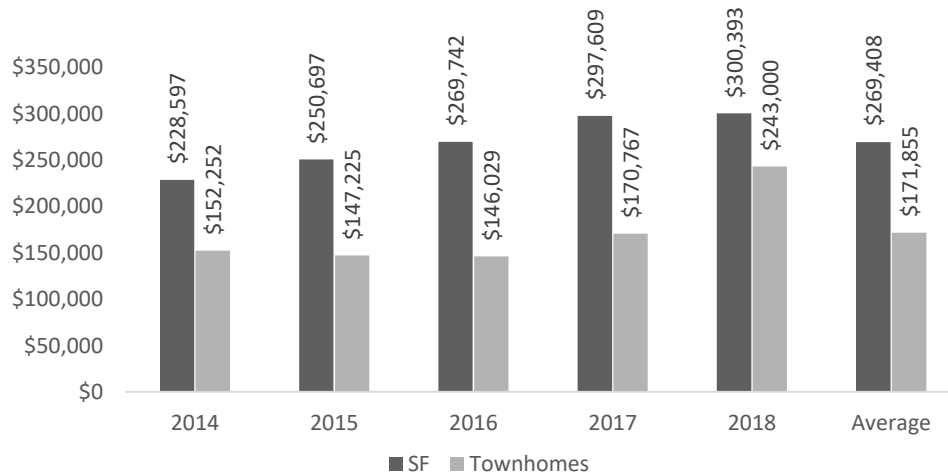
**Graph 4** presents the real estate sales in the Annandale School District from 2014 through 2018. During these years, the average number of single homes sold was 183, the average number of townhomes sold was 6.

**Graph 4 - Real Estate Sales in District 876**



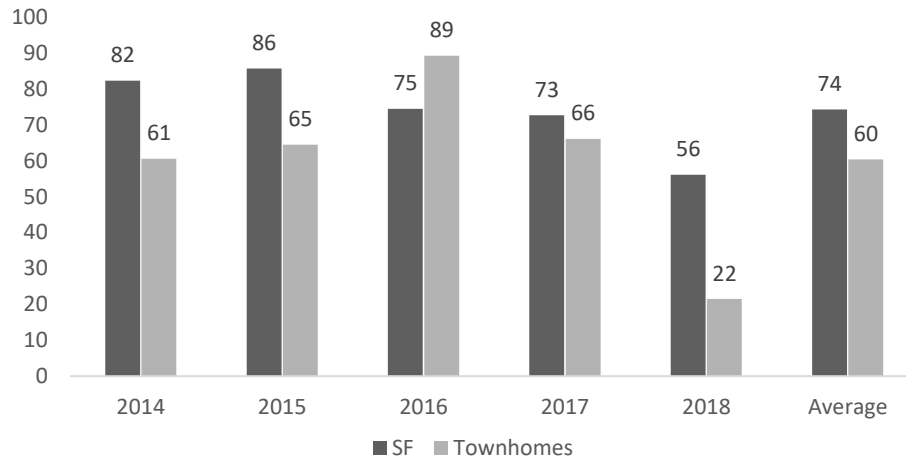
**Graph 5** presents the average sales price of single-family homes in the district from 2014-2018. During these years the average sales price of a single-family home was \$269,408, the average sales price of a townhome was \$171,855.

**Graph 5 - Average Sales Price of Homes**



**Graph 6 presents** the average length of time on the homes in the district were on the market prior to sales from 2014-2018. During these years the average length of time a single-family home was on the market was 74 days, the average length of time a townhome was on the market was 60 days.

**Graph 6 - Days on Market Prior to Home Sale**



IV. Enrollment History and Trends

A. Enrollment History - all methods of projecting enrollment rely on an analysis of the enrollments realized in the district in prior years. The enrollment realized in District 876 for the years 2013-14 through 2018-19 is the basis for projecting the enrollment that will be realized in 2019-20 through 2023-24. **Table 2** presents the Fall Enrollment history by grade for the Annandale Public Schools.

**Table 2 - Fall Seat Count History**

	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
<b>K</b>	133	151	150	135	145	145
<b>1</b>	133	137	145	151	129	152
<b>2</b>	145	140	147	147	149	134
<b>3</b>	129	147	143	148	151	156
<b>4</b>	127	130	152	140	152	163
<b>5</b>	117	133	130	159	141	160
<b>6</b>	116	116	134	139	171	159
<b>7</b>	134	119	114	145	142	183
<b>8</b>	137	133	120	116	148	143
<b>9</b>	143	140	137	126	129	144
<b>10</b>	127	140	134	134	131	129
<b>11</b>	114	124	141	129	135	132
<b>12</b>	133	113	121	141	135	134
<b>Total K-12</b>	1,688	1,723	1,768	1,810	1,858	1,934
<b>Enrollment Change</b>	43	35	45	42	48	76
<b>% Enrollment K-12 Change</b>	2.61%	2.07%	2.61%	2.38%	2.65%	4.09%

B. Migration of students in and out of the District

Migration refers to how students move through the grades of a school district along with students entering or leaving a school district and the resulting enrollment changes that occur by grade. It is important for anyone studying enrollment projections to understand the concept of ‘migration’ and the varying methods of applying this ‘history of student movement’ to future enrollment projections.

If the grade 3 enrollment of a school district is 100 students, it is anticipated that the grade 4 enrollment of the school district in the next year will be 100 students (plus the migration). If this migration is (-5) the enrollment will be 95. If the migration is (+7) the enrollment will be 107. Migration is a net sum of all the students leaving and all the students entering.

There is always some turnover in the students enrolled in a district from year to year. Some migration takes place during the school year and other migration of students takes place during the summer months.

The enrollment migration is computed by grade level and is reviewed for several prior years in an attempt to see enrollment trends that can be used for projecting future enrollment. The enrollment migration can be used as a percentage; i.e. 100 to 105 would be 1.05 and

100 to 93 would be .93. In addition, the enrollment migration can be viewed as a number without converting to a ratio. In addition, for our example it would be +5 or -7.

**Table 3** presents the migration of students in District 876 by grade level from 2013-14 through 2018-19.

	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
<b>12 - K</b>	16	18	37	14	4	10
<b>1</b>	7	4	(6)	1	(6)	7
<b>2</b>	12	7	10	2	(2)	5
<b>3</b>	5	2	3	1	4	7
<b>4</b>	5	1	5	(3)	4	12
<b>5</b>	5	6	0	7	1	8
<b>6</b>	(1)	(1)	1	9	12	18
<b>7</b>	2	3	(2)	11	3	12
<b>8</b>	1	(1)	1	2	3	1
<b>9</b>	4	3	4	6	13	(4.0)
<b>10</b>	0	(3)	(6)	(3)	5	0
<b>11</b>	(6)	(3)	1	(5)	1	1.0
<b>12</b>	(7)	(1)	(3)	0	6	(1)
<b>Total Migration</b>	27	17	8	28	44	66
<b>Total Enrollment Change</b>	43	35	45	42	48	76

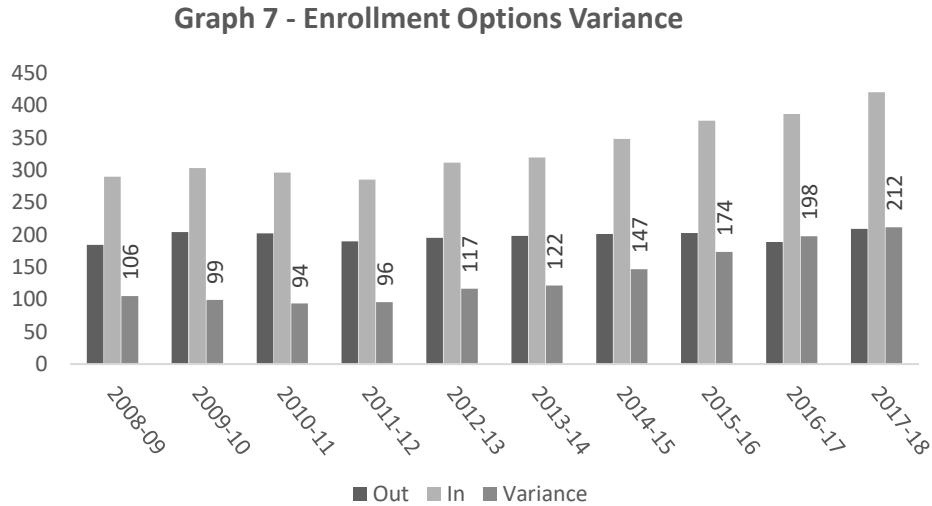
**Table 3** includes a row designated as 12 – K. This number is the enrollment variation in the number of grade 12 students leaving a district in a spring of one year versus the number of Kindergarten students entering the district in the fall of the next school year. This is called the ‘natural change.’ Therefore, by definition, the enrollment change in a school district from the preceding year is the total of the grade level migration and the ‘natural change’.

What conclusions can be drawn from the data that is presented in **Table 3**?

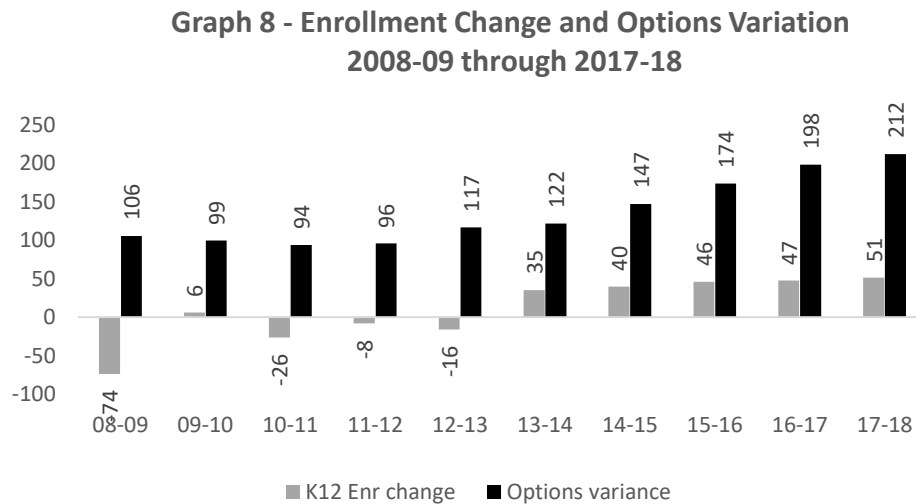
1. The total enrollment change has averaged 48 students per year for the past six years (from 2013-14 through 2018-19).
2. During the last 6 years, the total migration has ranged from +8 to +66.
3. In each of the last six years, the 12<sup>th</sup> grade graduating class in the spring has been smaller than the entering Kindergarten class in the fall. That is, the entering Kindergarten enrollment has been larger than the number of students graduating from 2012-13 through 2017-18.

C. Enrollment and Charter Options Influencing Enrollment

**Graph 7** presents an overview of the variance between Annandale students enrolling to other districts or charter schools and the number of students from other districts open enrolling to Annandale from 2008-09 through 2017-18.



**Graph 8** presents an overview of the annual K-12 enrollment change and the options variance – that is the difference between resident students open enrolling out and nonresident students open enrolling into the district.



Some additional reports are presented in **Appendix A, B, C** and **D**. This data includes:

1. **Appendix A** is a report presenting the district and charter schools attended by resident students of the Annandale Public Schools in 2017-18. This table presents enrollment by grade, listing all districts and charter schools attended and the number of Annandale resident enrolled students.

2. **Appendix B** presents a review for Annandale resident student enrollment compared with resident student enrollment of selected districts for 2017-18.
3. **Appendix C** presents the districts from which Annandale Public Schools enrolled students in 2017-18; i.e., the resident districts of students served in Annandale. This table presents enrollment by grade, listing all districts and number of enrolled students.
4. **Appendix D** presents several graphs which summarize resident students enrolled in districts bordering the Annandale Public Schools, the students enrolled in the district from bordering districts and the variance in open enrollment options in and out of the district from neighboring districts for 2013-14 through 2017-18.

From reviewing the information of Annandale Public Schools resident students and resident students of other districts being served by Annandale, the following observations were made:

1. In 2017-18, District 876 had 1,665.84 resident students. (See **Appendix A** for the detail.)
2. In 2017-18, District 876 served 1,431.09 resident students, or 85.9% of the resident students. The remaining 12.5% of District 876 residents were served in 23 other district and charter schools. (See **Appendix A** for the detail)
3. In 2017-18, the three districts that Annandale resident students enrolled in the largest numbers were Maple Lake 881 (85.22), Monticello 882 (30.80), and Buffalo Hanover Montrose 877 (17.24). (See **Appendix A** for the detail)
4. In 2017-18, 85.9% of the Annandale resident students were served by the district; this is known as the capture rate. The average capture rate of the comparison districts is 82.9%. (See **Appendix B** for the detail).
5. In 2017-18, the district served 1,877.53 students. Of the total, 77.6% were resident students of the district, and the remaining 22.4% of students served were resident students of 20 other school districts. (See **Appendix C** for the detail).
6. In 2017-18, the three districts that enrolled the largest number of students in the district were St. Cloud 742 (256.29), Kimball 739 (86.94), Maple Lake 881 (26.31). (See **Appendix C** for the detail.)

**Appendix D** presents several graphs which summarize residents enrolled in districts bordering Annandale, the students enrolled in Annandale from bordering districts and the variance in open enrollment in and out of the district from 2013-14 through 2017-18.

Observations based on a review of District 876 students open enrolling to bordering districts include:

1. There are (6) districts bordering Annandale; Maple Lake, Monticello, St. Cloud, Dassel Cokato, Kimball and Howard Lake Waverly Winsted.
2. From 2013-14 through 2017-18, more resident students of the neighboring districts open enrolled to Annandale than resident students of Annandale left to enroll in one of the neighboring districts.

**Appendix E** is a data table that presents enrollment information in 2017-18 for Annandale and the 7 neighboring school districts; Maple Lake, Monticello, St. Cloud, Buffalo-Hanover-Montrose, Dassel Cokato, Kimball and Howard Lake Waverly Winsted.

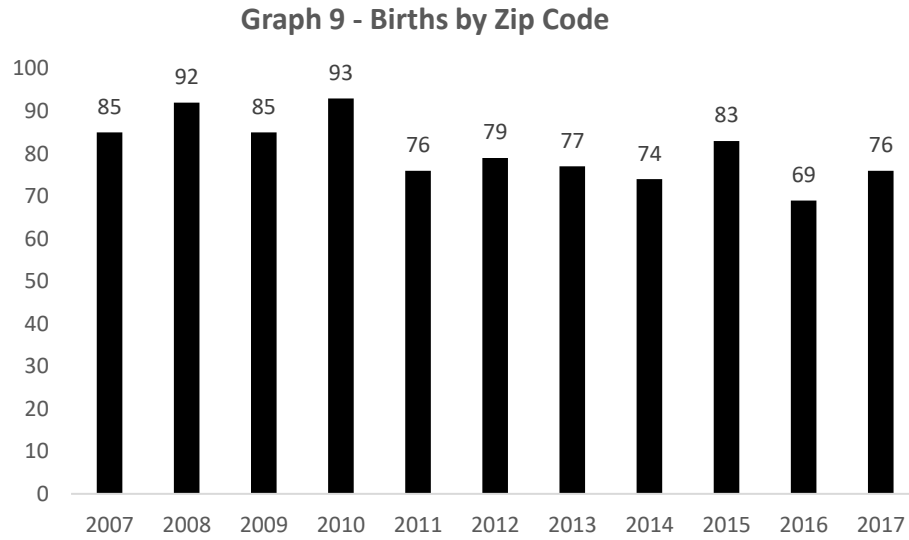
Some observations from the 2017-18 enrollment include:

1. Annandale had 421 students optioning into the district in 2017-18, which represents 22% of enrollment. Of the neighboring districts, Kimball had a higher percentage of enrollment through options into the district. The average percentage of enrollment of students enrolling into this group of districts was 13.6%.
2. Annandale had 197 students leave the district via open enrollment options in 2017-18. This represents 10.5% of the student enrollment. Maple Lake, St. Cloud, Buffalo-Hanover-Montrose, Kimball and Howard Lake Waverly Winsted had a higher percentage of resident students open enrolling out of the district. The average percentage of enrollment of students enrolling out of this group of school districts is 15.3%.
3. The variance in options, (options in less options out) was (+224) students for Annandale. The average variance for this group of school districts is (-264).
4. The Annandale resident students enrolling to charter schools in 2017-18 represents .6% of total enrollment. The average percentage of students in this group of districts enrolling in charter schools in 2016-17 is 2.8% of enrollment.
5. The capture rate (the percentage of resident students enrolling in the resident district) for Annandale in 2017-18 was 85.9%. The average capture rate for this group of school districts is 81.9%.
6. Twenty four percent (23.6%) of Annandale enrollment was eligible for free and reduced lunch in 2017-18. This is lower than the average of 29% for this group of school districts.

V. Birth Patterns and Kindergarten Enrollment

The future enrollment of the Annandale Public Schools must be projected as accurately as possible. Birth data from the Minnesota Department of Health was reviewed to discover the number of births in Wright County and the number of births in the zip code served by the district.

**Graph 9** presents the number of births in zip code 55302 from 2007-2017; the most recent data available from the Department of Health.





VI. Enrollment Projections

A. Method of Projecting Enrollment

The method of projecting enrollment used by SchoolFinances.com is determined by the history of enrollment in the District. One method is the cohort survival method and the other, the numeric survival method. Both methods are based on the concept that students' progress routinely from one grade to another and that factors that influenced grade progression in the past will continue to influence the progression of students from grade to grade in the future.

In the cohort survival methodology, a ratio is developed for each grade that compares the number of students in a grade to the number of students in the previous grade in the prior year. This cohort survival ratio indicates whether the change between grades was an enrollment increase or decrease. This cohort methodology is calculated for several years. The ratios can then be used for any prior year, the ratios can be averaged and the ratios can be weighted to give the most recent year's ratio the greatest influence.

The numeric survival method is similar in that grade-to-grade progressions are compared, but rather than calculate a ratio, the changed enrollment – either positive or minus, is added or subtracted to the enrollment in a particular grade to project future enrollment. Using the same data that was presented above, if a school had 100 fourth graders and the next year has 95 fifth graders, the numeric survival would be -5. The numeric changes can be averaged and weighted to make projections.

The following table presents an example of the difference in enrollment that would be projected using the cohort survival method and numeric survival method.

Grade	2017-18 Enrollment	2018-19 Enrollment	Grade 5 Proj 2019-20 Cohort Survival Method	Grade 5 Proj 2019-20 Numeric Survival
4	232	249		
5	248	260	279.1	277.00

The cohort ratio is  $260/232 = 1.1207$

The numeric change is  $260-232 = +28$ .

The cohort projection is  $1.1207 \times 249 = 279.1$

The numeric projection is  $28+249 = 277$

Both methods collectively encompass all the variables that account for an increase or decrease in the size of a grade cohort as it moves on to the next grade and then represent the cumulative effect of the following factors:

1. Migration, in or out, of the schools
2. Retention in the same grade
3. Changes in school program
4. Dropouts, transfers, etc.
5. Births and deaths
6. Housing growth

Enrollment projections must be reviewed annually and use the actual enrollment realized in the most recent year. At any given time, the following factors may have an effect on the projections:

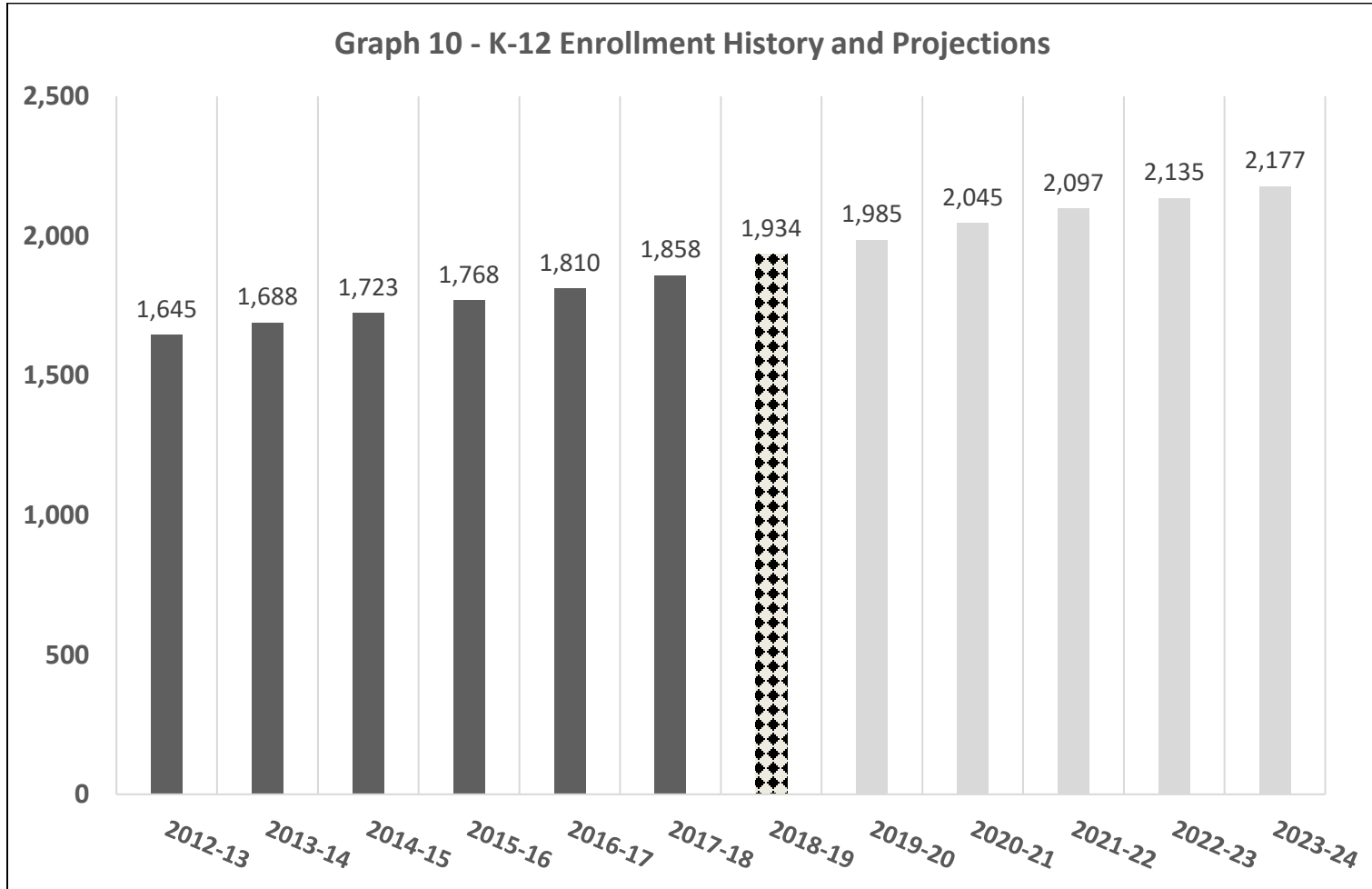
1. economic conditions
2. changes in charter school or nonpublic enrollment
3. changes in the rate of new housing development
4. changes in interest rates which could increase or decrease home sales

**B. Enrollment Projections**

The enrollment projections for the Annandale Public Schools are presented in **Table 4**. The projections were developed using the history of the Fall enrollment.

<b>Table 4 - Annandale Public Schools K-12 Enrollment Projections</b>					
	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>
<b>Kindergarten</b>	133	142	131	131	135
<b>Grade 1</b>	148	136	145	133	133
<b>Grade 2</b>	156	152	140	149	138
<b>Grade 3</b>	139	162	157	145	154
<b>Grade 4</b>	164	146	169	165	152
<b>Grade 5</b>	169	170	152	176	171
<b>Grade 6</b>	174	183	184	165	190
<b>Grade 7</b>	168	183	192	193	174
<b>Grade 8</b>	184	169	184	194	195
<b>Grade 9</b>	144	186	170	186	195
<b>Grade 10</b>	144	144	185	170	185
<b>Grade 11</b>	129	144	144	185	170
<b>Grade 12</b>	132	129	144	143	185
<b>TOTAL</b>	<b>1,985</b>	<b>2,045</b>	<b>2,097</b>	<b>2,135</b>	<b>2,177</b>
<b>Change</b>		<b>60</b>	<b>53</b>	<b>37</b>	<b>42</b>
<b>Percent Change</b>	<b>2.62%</b>	<b>3.04%</b>	<b>2.57%</b>	<b>1.78%</b>	<b>1.95%</b>

Graph 10 presents the enrollment history and projected enrollment from 2019-20 through 2023-24



## VII. Observations and Recommendations

1. The population of the District is projected to increase 7.9 % or about 171 residents annually between the 2018 estimates and the population projections for 2023.
2. In 2023, 24.6% of the women in the district (1,416 of a total female population of 5,759) will be in childbearing years of 18-44 years of age. This compares to 34% of the women in the state of Minnesota (984,79 of a total female population of 2,895,473) in 2023.
3. In 2018, 62% of the households in the district did not have children; in 2023, 65% of homes will not have children.
4. The cities and townships of the district have seen increases in residential housing starts in recent years and anticipate for continued steady residential development in the next five years.
5. From 2014-2018 an annual average of 183 single family homes and 6 townhomes were sold. The average annual sales price for single family homes during this time was \$269,408 and the average annual sales price for townhomes was \$171,855. The average length of time single family homes were on the market prior to sale was 74 days and the annual average length of time for townhomes were on the market prior to sale was 60 days.
6. The total enrollment change in the Annandale Public Schools has increased by an average of 48 students per year for the past six years.
7. In each of the last six years, the entering Kindergarten class in the fall has been larger than the graduating 12<sup>th</sup> grade class in the spring.
8. The district gains more open enrolled students from other districts than the district loses from resident students open enrolling out of the district.
9. From 2013-14 through 2017-18 more resident students of the neighboring districts – Maple Lake, Monticello, St. Cloud, Dassel Cokato, Kimball and Howard Lake Waverly enrolled in the Annandale District than resident students of Annandale left to attend one of these districts. In the most recent year, this variance was 239 students.
10. Births in the zip code 55302 – the zip code served by the district - peaked in 2010 at 93. Since that time, the births have averaged 76 per year.

### **Recommendations**

1. Effective enrollment planning requires annual monitoring to review the enrollment realized and adjust the assumptions as needed. All enrollment projections have inherent uncertainties because the assumptions on which they are based can be affected by changes in the economy, by the perception of the community, or by other events. Future enrollments are positively and negatively affected by:
  - a. Added births in the district and the resulting added K enrollment
  - b. Reductions or growth in private school/charter school enrollment
  - c. A robust employment market that attracts new residents with children or young adults planning families.
  - d. A strong housing market that may attract new residents with children or young adults planning families
  - e. Increased enrollment of resident/nonresident students
  - f. Transportation options for residents living in the community
2. The District must continue to monitor enrollment annually to make certain that facilities are ready for the increases in enrollment that are anticipated.
3. The District should use a group process to determine enrollment. The group would review realized enrollment, look at historical patterns and make assumptions concerning changing

enrollment, new residential construction, new population to the district, and changing economic conditions. The use of a committee approach would further clarify the changing enrollment in the district throughout the community.

4. In addition to this written report, SchoolFinances.com is providing the district with an enrollment projection system and a census geographic report. The enrollment system is interactive and designed to examine and easily adjust enrollment assumptions and modify the enrollment projections.

VIII. Appendix



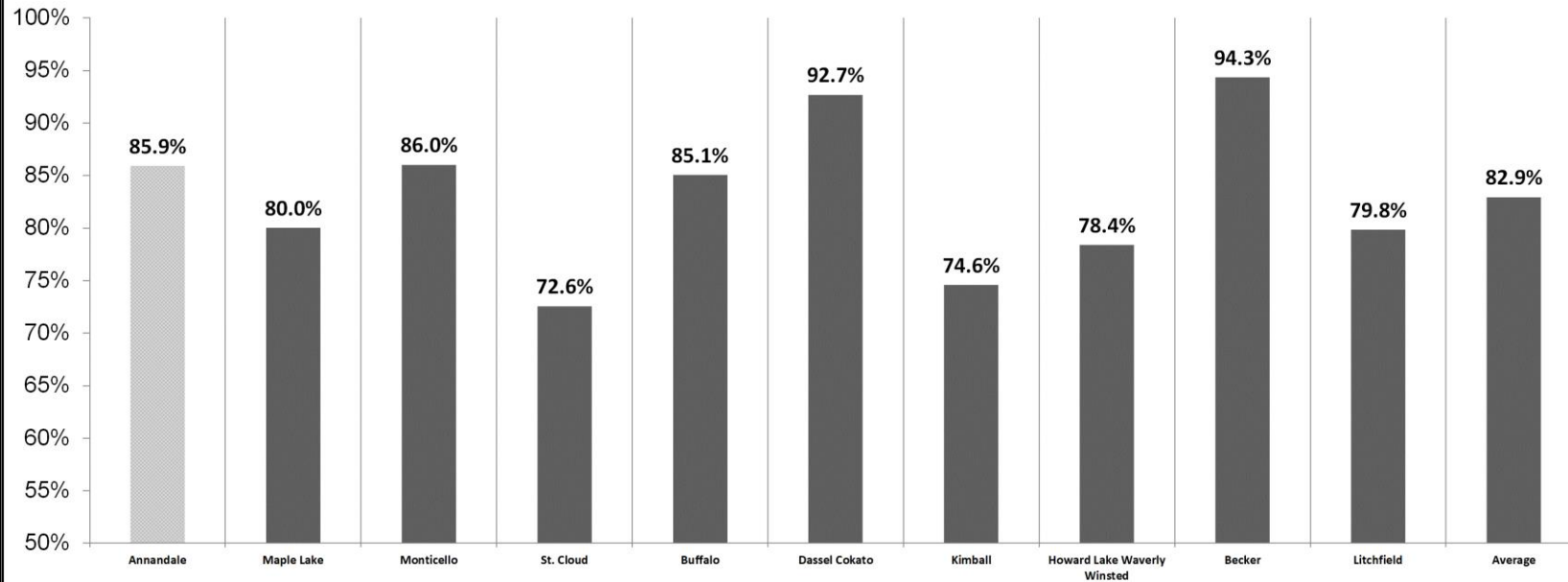
## Residents Attending Report for 2017-18

Grade Level	01	02	03	04	05	06	07	08	09	10	11	12	EC	HK	KG	Total	(%)	
<b>Resident Attending</b>	99.89	120.56	116.69	124.52	115.91	132.03	103.63	109.19	100.65	103.74	91.30	88.55	13.84	26.73	83.86	1431.09	85.9%	
<b>Residents Attending Other Districts &amp; Charters</b>	12.64	12.82	16.81	21.60	14.01	12.64	16.00	11.54	12.27	19.10	14.91	20.57	0.83	4.20	19.12	209.06	12.5%	
<b>Total Residents</b>	113.73	133.82	133.50	147.12	130.99	144.71	121.64	122.92	114.47	126.01	110.77	118.16	16.57	30.03	101.40	1665.84	100%	
<b>Sorted by Rank</b>																		<i>Adjusted Average Daily Membership for 2017-18</i>
School District	Res Dist	01	02	03	04	05	06	07	08	09	10	11	12	EC	HK	KG	Grand Total	RANK
Annandale	876	99.89	120.56	116.69	124.52	115.91	132.03	103.63	109.19	100.65	103.74	91.30	88.55	13.84	26.73	83.86	1431.09	(1)
Maple Lake	881	5.00	7.00	6.00	10.60	3.01	2.33	5.00	5.46	6.27	8.57	6.60	10.35	0.55	1.90	6.58	85.22	(2)
Monticello	882	-	2.23	-	2.00	3.00	2.00	5.00	1.00	2.00	4.25	4.33	3.00	-	0.43	1.56	30.80	(3)
Buffalo Hanover Montrose	877	2.64	-	3.59	1.00	1.00	1.21	1.00	1.00	-	1.00	1.00	2.12	0.28	1.40	-	17.24	(4)
Kimball	739	1.00	1.00	-	3.00	3.00	2.00	3.00	-	1.00	1.00	1.00	-	-	-	1.00	17.00	(5)
St. Cloud	742	3.00	-	3.00	2.00	2.00	-	-	-	1.00	-	-	-	-	-	3.00	14.00	(6)
Dassel Cokato	466	-	1.00	-	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.07	-	-	-	11.07	(7)
Jane Goodall Envir Sci	4229	-	-	-	-	-	1.10	-	0.08	-	0.77	0.98	2.93	-	-	-	5.86	(8)
Becker	726	1.00	-	1.00	-	-	2.00	-	-	-	0.75	-	-	-	-	1.00	5.75	(9)
Minnesota Transitions	4017	-	1.00	-	1.00	-	1.00	-	1.00	-	0.44	-	-	-	-	1.00	5.44	(10)
Howard Lake	2687	-	-	0.22	-	-	-	-	-	-	-	-	-	-	0.47	2.98	3.67	(11)
Worthington	518	-	-	1.00	-	1.00	-	1.00	-	-	-	-	-	-	-	-	3.00	(12)
Sauk Rapids Rice	47	-	-	1.00	-	-	-	-	-	1.00	-	-	-	-	-	-	2.00	(13)
Big Lake	727	-	-	1.00	-	-	-	-	-	-	-	-	-	-	-	1.00	2.00	(14)
Hutchinson	423	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	1.00	(15)
Litchfield	465	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	1.00	(16)
Sartell St. Stephens	748	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	1.00	(17)
Bluesky Charter	4082	-	-	-	-	-	-	-	-	-	-	-	0.76	-	-	-	0.76	(18)
Foley	51	-	-	-	-	-	-	-	-	-	0.70	-	-	-	-	-	0.70	(19)
Wayzata	284	-	0.59	-	-	-	-	-	-	-	-	-	-	-	-	-	0.59	(20)
Fergus Falls	544	-	-	-	-	-	-	-	-	-	0.47	-	-	-	-	-	0.47	(21)
Madelia	837	-	-	-	-	-	-	-	-	-	-	-	0.20	-	-	-	0.20	(22)
Browerville	787	-	-	-	-	-	-	-	-	-	0.15	-	-	-	-	-	0.15	(23)
Houston	294	-	-	-	-	-	-	-	-	-	-	-	0.14	-	-	-	0.14	(24)

### Resident Students Comparison Review for Annandale 2017-18

Dist #	District Name	17-18	Resident Students Served	% Resident Students Served	Rank of %age	Residents Served by Other Dist & Charters	% Served by Other Dist & Charter	Rank of %age	Served by other Public	% Served by Other Public	Rank of %age	Served by Charters 4000's	% Served by Charters 4000's	Rank of %age
876	Annandale	1,665.8	1,431.1	85.9%	(4)	209.1	12.5%	(7)	197.0	11.8%	(7)	12.1	0.7%	(9)
881	Maple Lake	823.4	658.8	80.0%	(6)	150.7	18.3%	(5)	143.2	17.4%	(4)	7.6	0.9%	(7)
882	Monticello	4,238.7	3,646.4	86.0%	(3)	518.2	12.2%	(8)	363.3	8.6%	(8)	154.9	3.7%	(2)
742	St. Cloud	13,110.4	9,514.1	72.6%	(10)	3,548.2	27.1%	(1)	2,327.2	17.8%	(3)	1,221.0	9.3%	(1)
877	Buffalo	6,240.7	5,309.0	85.1%	(5)	855.7	13.7%	(6)	769.2	12.3%	(6)	86.5	1.4%	(5)
466	Dassel Cokato	2,140.5	1,984.1	92.7%	(2)	136.0	6.4%	(9)	100.2	4.7%	(9)	35.8	1.7%	(4)
739	Kimball	759.4	566.5	74.6%	(9)	185.7	24.5%	(2)	177.2	23.3%	(1)	8.6	1.1%	(6)
2687	Howard Lake Waverly Winsted	1,342.7	1,052.7	78.4%	(8)	271.8	20.2%	(3)	266.5	19.8%	(2)	5.3	0.4%	(10)
726	Becker	2,461.4	2,322.1	94.3%	(1)	113.2	4.6%	(10)	91.7	3.7%	(10)	21.5	0.9%	(8)
465	Litchfield	1,756.4	1,402.2	79.8%	(7)	329.5	18.8%	(4)	296.4	16.9%	(5)	33.1	1.9%	(3)
	Average			82.9%			15.8%			13.6%			2.2%	

Percent of Resident Students Served

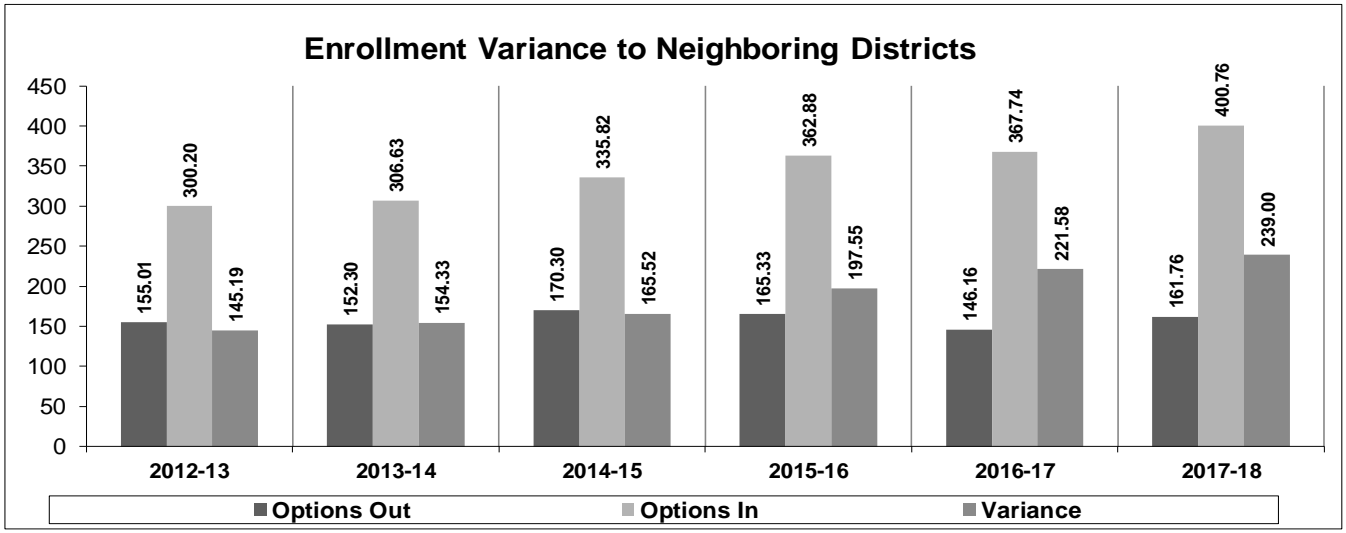
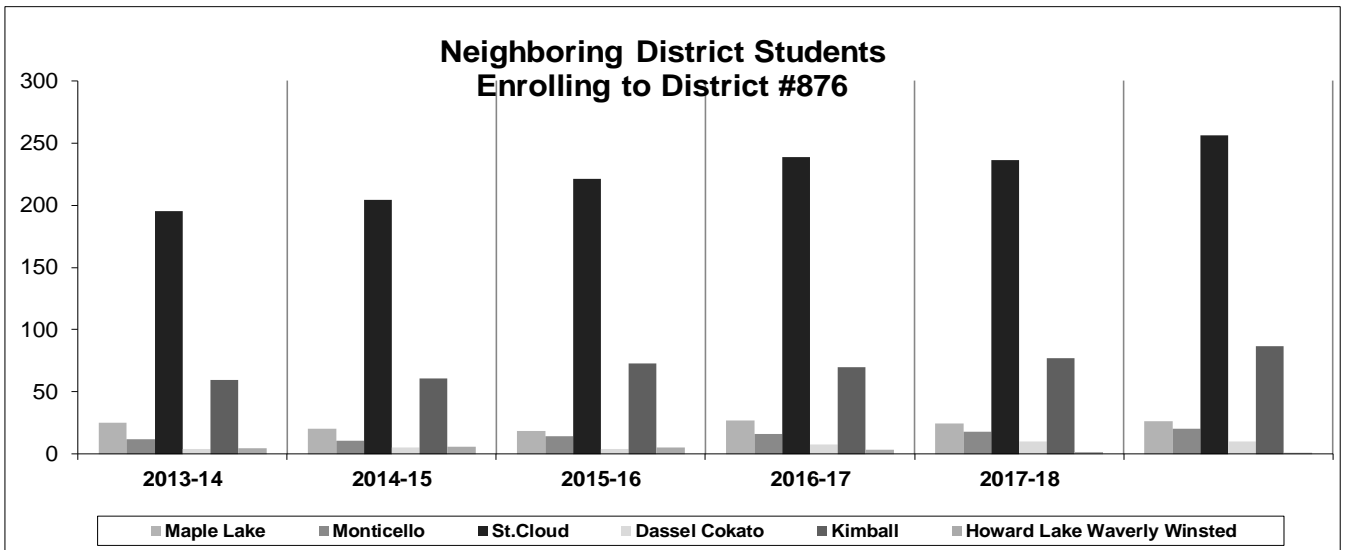
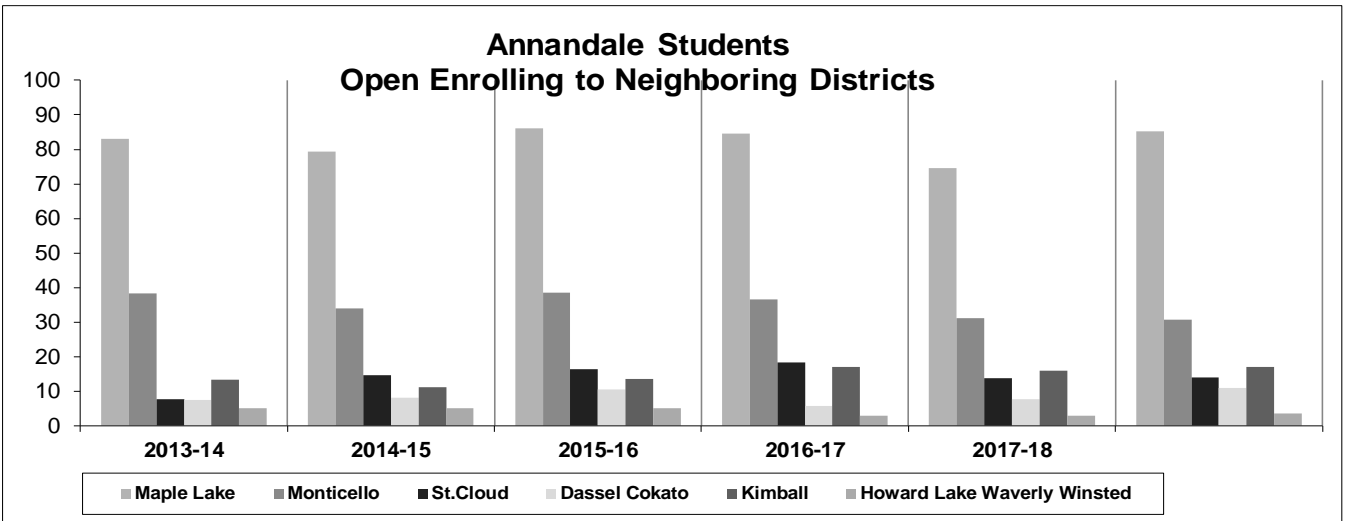


## Students Served Report for 2017-18



Grade Level	01	02	03	04	05	06	07	08	09	10	11	12	EC	HK	KG	Total	(%)	
Annandale Residents	101.09	121.00	116.67	125.52	116.98	132.06	105.64	111.34	102.19	106.91	95.23	94.61	15.65	27.70	83.86	1456.45	77.6%	
Served from Other Districts	28.34	28.50	33.46	29.41	27.43	39.32	38.65	38.13	29.46	28.00	31.45	29.59	3.52	3.21	32.61	421.08	22.4%	
<b>Total Students Served</b>	<b>129.43</b>	<b>149.50</b>	<b>150.13</b>	<b>154.93</b>	<b>144.41</b>	<b>171.38</b>	<b>144.29</b>	<b>149.47</b>	<b>131.65</b>	<b>134.91</b>	<b>126.68</b>	<b>124.20</b>	<b>19.17</b>	<b>30.91</b>	<b>116.47</b>	<b>1877.53</b>	<b>100%</b>	
<b>Sorted by Rank</b>													<b>Adjusted Average Daily Membership for 2017-18</b>					
School District	Res Dist	01	02	03	04	05	06	07	08	09	10	11	12	EC	HK	KG	Grand Total	RANK
ANNANDALE	876	101.09	121.00	116.67	125.52	116.98	132.06	105.64	111.34	102.19	106.91	95.23	94.61	15.65	27.70	83.86	1456.45	(1)
ST. CLOUD	742	13.00	16.00	22.95	18.15	14.00	20.94	30.90	21.00	19.46	17.00	22.51	18.12	2.39	2.97	16.90	256.29	(2)
KIMBALL	739	7.26	6.31	2.96	5.96	8.00	12.89	6.00	10.11	6.00	6.00	4.42	1.51	0.56	0.24	8.72	86.94	(3)
MAPLE LAKE	881	3.00	1.21	2.89	1.00	0.26	1.00	1.00	2.00	1.00	4.00	2.40	4.47	0.08	-	2.00	26.31	(4)
MONTICELLO	882	2.00	1.00	4.66	1.00	2.00	2.38	0.32	2.00	-	1.00	2.00	-	-	-	2.15	20.51	(5)
DASSEL-COKATO	466	1.00	1.00	-	1.00	1.00	1.00	-	-	2.00	-	-	2.00	-	-	1.00	10.00	(6)
BUFFALO- HANOVER-MONTROS	877	1.00	0.46	-	1.30		0.02	-	1.00	-	-	0.12	-	0.21	-	0.84	4.95	(7)
LITCHFIELD	465	-	0.44	-	1.00		1.00	0.43		1.00	-	-	-	-	-	-	3.87	(8)
EDEN VALLEY-WATKINS	463	-	1.00	-	-	1.00	-	-		-	-	-	-	-	-	-	2.00	(9)
ST. MICHAEL	885	-		-	-		-	-	1.00	-	-	-	-	-	-	1.00	2.00	(10)
BUFFALO LK-HECTOR-STEWART	2159	-	0.74	-	-	0.74	-	-		-	-	-	-	-	-	-	1.48	(11)
ROCORI	750	0.34	0.34	-	-	0.34	-	-	0.35	-	-	-	-	-	-	-	1.37	(12)
HOWARD LAKE	2687	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	1.00	(13)
PIERZ	484	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	1.00	(14)
HUTCHINSON	423	-	-	-	-	-	-	-	-	-	-	-	0.96	-	-	-	0.96	(15)
BECKER	726	0.74		-	-	-	-	-		-	-	-	-	-	-	-	0.74	(16)
BIG LAKE	727	-	-	-	-	-	-	-	0.67	-	-	-	-	-	-	-	0.67	(17)
ELK RIVER	728	-	-	-	-	-	-	-		-	-	-	0.53	-	-	-	0.53	(18)
ANOKA-HENNEPIN	11	-	-	-	-	-	-	-		-	-	-	-	0.28	-	-	0.28	(19)
BROOKLYN CENTER	286	-	-	-	-	0.09	-	-		-	-	-	-	-	-	-	0.09	(20)
LITTLE FALLS	482	-	-	-	-	-	0.09			-	-	-	-	-	-	-	0.09	(21)





**Appendix E**

**Annandale Students Comparative Data with Neighboring Districts**

	2017-18 Enrollment	Rank	Options In	Options In % of Enrollment	Rank	Options Out	Options Out % of Enrollment	Rank	Options Variance	Variance in Options as % of Enrollment	Rank	Charter Out	Charter Out % of Enrollment	Rank	Capture Rate - Residents Served	Rank
<b>Annandale</b>	1,878	(5)	421	22.4%	(2)	197	10.5%	(6)	224	11.9%	(8)	12	0.6%	(7)	85.9%	(3)
Maple Lake	849	(7)	176	20.7%	(3)	143	16.9%	(4)	33	3.9%	(5)	8	0.9%	(6)	80.0%	(5)
Monticello	4,239	(3)	438	10.3%	(6)	363	8.6%	(7)	75	1.8%	(6)	155	3.7%	(2)	86.0%	(2)
St. Cloud	9,908	(1)	249	2.5%	(8)	2,327	23.5%	(2)	-2,078	-21.0%	(1)	1,221	12.3%	(1)	72.6%	(8)
Buffalo	5,767	(2)	383	6.6%	(7)	769	13.3%	(5)	-386	-6.7%	(2)	86	1.5%	(4)	85.1%	(4)
Dassel Cokato	2,244	(4)	239	10.7%	(5)	100	4.5%	(8)	139	6.2%	(7)	36	1.6%	(3)	92.7%	(1)
Kimball	745	(8)	172	23.0%	(1)	177	23.8%	(1)	-6	-0.7%	(4)	9	1.1%	(5)	74.6%	(7)
Howard Lake WW	1,227	(6)	157	12.8%	(4)	266	21.7%	(3)	-110	-9.0%	(3)	5	0.4%	(8)	78.4%	(6)
	<b>26,857</b>		<b>2,234</b>			<b>4,344</b>			<b>-264</b>			<b>1,532</b>				
<b>Averages of Percentages Calculated</b>				<b>13.6%</b>			<b>15.3%</b>			<b>-1.7%</b>			<b>2.8%</b>		<b>81.9%</b>	
				<b>Free &amp; Reduced</b>	<b>Rank</b>			<b>ELL</b>	<b>Rank</b>							
<b>Annandale</b>				<b>23.6%</b>	<b>(7)</b>			<b>0.4%</b>	<b>(5)</b>							
Maple Lake				21.5%	(8)			0.0%	(6)							
Monticello				25.5%	(3)			0.0%	(6)							
St. Cloud				61.6%	(1)			23.8%	(1)							
Buffalo				24.3%	(6)			0.9%	(3)							
Dassel Cokato				26.6%	(2)			0.8%	(4)							
Kimball				25.4%	(4)			0.0%	(6)							
Howard Lake WW				24.8%	(5)			1.0%	(2)							
<b>Averages of Percentages Calculated</b>				<b>29.1%</b>				<b>3.4%</b>								

**Interviews and Resources**

Carol Banken, City Administrator/Clerk, South Haven

Nancy Betzler, Clerk, Silver Creek Township

Kelly Hinnenkamp, City Administrator, City of Annandale

Jean Just, Planning Clerk, Corinna Township

Tim Prom, Superintendent, Annandale Public Schools

Barry Rhineberger, Planner, Board of Adjustment, Wright County