

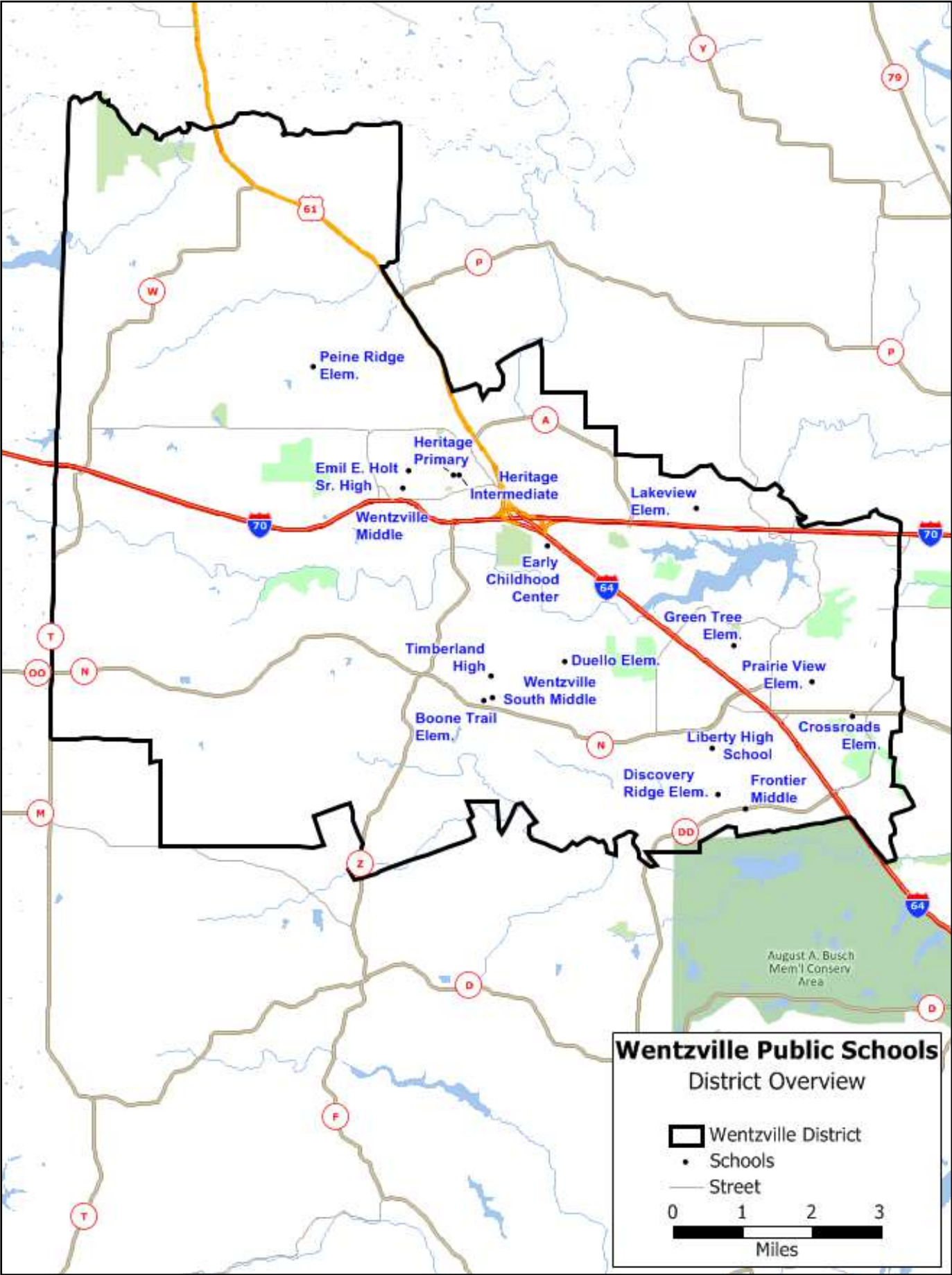
WENTZVILLE R-IV SCHOOL DISTRICT

Demographics and Enrollment Projection Study

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February 2017



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**EXECUTIVE
SUMMARY**

For the past decade, the Wentzville School District has been the fastest-growing school district in the state. Since 2001, the district has averaged 601 new students per year. We believe the increases per year will range to between 564 to 724 new students per year during the next decade.

Birth data and demographic vendor data indicates that the number of pre-Kindergarten children should continue to increase in the district for at least the next 10 years. We believe that available housing, the district's favorable test scores and reputation and much available property for development will encourage the district's enrollment to continue to grow at a strong pace.

Job creation is the factor that is the best predictor of district enrollment growth, at more than 83 percent. If a recession occurs, the district's enrollment growth rate might slow. However, private school enrollment could be expected to decrease in a recession, which in turn would fuel the public school's enrollment. The district's enrollment has continued to grow every year since 1986, the earliest year we could obtain enrollment data, which includes through several recessions.

A preliminary draft report was emailed on Feb. 23, 2016. A final report, following redistricting, was delivered on January 16, 2017.



Preston Smith
Principal Owner
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KEY FINDINGS

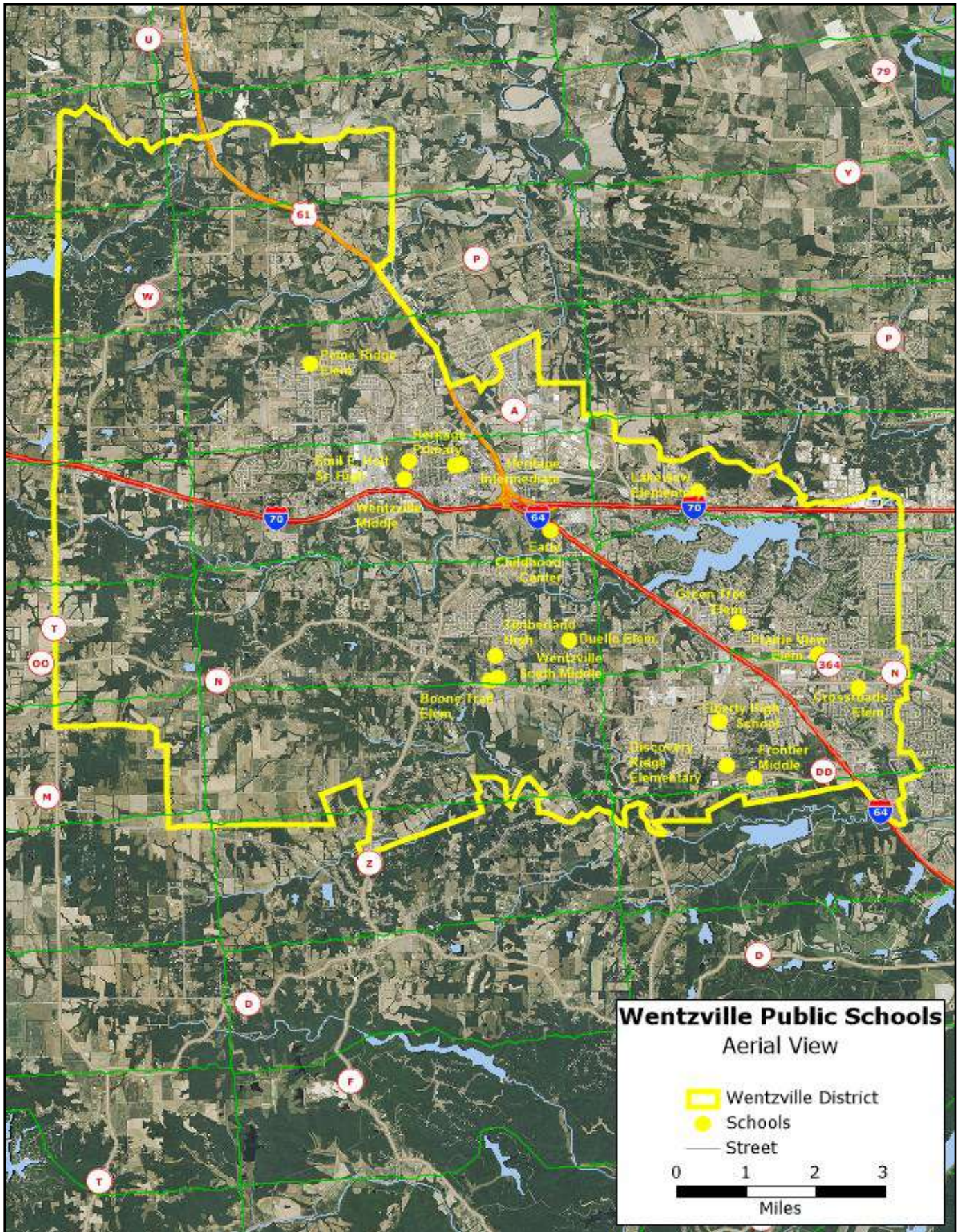
- Three statistical models project that Wentzville's district enrollment will be between 21,581 and 23,180 by 2026-27. This is assuming an annual enrollment growth of between 3.5 percent and 4.5 percent. For the last 10 years, the growth rate has been 5.46 percent. (pp. 8-15)
- The impact of private school enrollment in the district is significant. In 2000, 15.2 percent of the children living in the school district either attended private schools or were home-schooled. In 2010, the percentage increased to 19.3. Our best estimates there were 17.5 percent of the children in 2015 in the district—more than 3,000—who did not attend the district's public schools. We estimate that between 2013-14 and 2016-17, there was a decrease in private school enrollment of 435 students. (p. 64)
- The district's enrollment growth is closely tied to the local economy. During the last 25 years, for every 7.8 new jobs added in St. Charles County, there has been one new student enrolled in the Wentzville School District. (p. 117) Our calculations show that every single-family house built in the district results in 0.784 new students and for every single-family home sold, the district's enrollment would increase by 0.905 students. (p. 120.) As long as the economy is strong and continues to expand, there is more than an 80 percent probability that the district's enrollment would grow likewise based on house sales and house construction.
- Since 2009, the number of homes sold in the Wentzville School District has increased by 106 percent. But the average listing price has increased by only 15 percent and the average sales prices have increased by only 18 percent since 2009. (pp. 120-121)
- The district's building capacities continue to be a concern. As the fastest-growing school district in the state, and likely in the Midwest, we understand the struggles in building new schools fast enough. However, despite a year-long district redistricting effort, and opening two new elementary schools in the fall 2017, our high-end enrollment predictions show that 10 of 17 buildings are at or nearing over-capacity but our calculations show there is adequate student capacity overall in the district. More prudent decisions on how to utilize the available space would resolve this issue.

If enrollment growth continues strong, there could be room among all the elementary schools for only 254 additional students this fall. But there is a wide disparity in available space from building to building. We estimate that Boone Trail could be over-crowded by as much as 175 students this fall. But the new Golden Gate Elementary could have space for 111 more students. Discovery Ridge had a capacity target of only 775 students during redistricting; we predict the fall 2017 enrollment could be as high as 923.

Capacity distribution at the middle schools could be even more extreme. Frontier Middle School could have space for more than 500 students this fall while Wentzville Middle School has little to no additional space for students, and Wentzville South Middle School has space for about 100 additional students. Both Holt and Timberland High Schools could be over-capacity by nearly a hundred students but Liberty High has space for more than 400 additional students.

Wentzville R-IV School District

Figure 1. Aerial view of the Wentzville School District, 2015.



REASONS FOR THE STUDY

The Wentzville School District in the western St. Louis metro area has had the fastest-growing enrollment in the state for the last decade and among the strongest enrollment growth in the Midwest. An academically strong school district, plentiful affordable housing and easy access to the St. Louis metro area for jobs has caused some of the most explosive student enrollment growth in the country.

In December 2015, the Wentzville school board selected our firm through a competitive RFP process to provide a comprehensive demographic study and to assist the district during 2016 with redistricting. We were asked to accomplish three key objectives: (1) update a 2013 demographic study, (2) determine growth trends in the district and (3) gather and present information about the community that would assist with redrawing all attendance zones for the schools. When the redistricting was completed in December 2016, we finalized the enrollment projections based on the new attendance lines, including the two new elementary schools set to open in the fall 2017.

The district intends to use the data collected and presented in this study to not only evaluate the current building capacity and enrollment trends, but to also appropriately plan for future growth, and better account for the needs created by an increase in the student and community populations.

In this study, a wide range of sources were used, including data from the Missouri Department of Education, the state Health Department, the National Center for Educational Statistics, the St. Louis realtors association, and the St. Charles County Assessor's office. We also interviewed planning experts at the cities of Lake St. Louis, Wentzville and O'Fallon, and St. Charles County. The Wentzville School District provided student rosters, classroom counts per each building, summary data and enrollment data by schools.

LONG-RANGE PROJECTIONS

The Wentzville R-IV School District has seen consistently strong and steady enrollment growth over the past 25 years, so standard statistical techniques prove very good at modeling past enrollment in the district. Assuming steady-state trends these models can then be extrapolated into the near future to develop enrollment projections. While population data from the 2010 Census and birth statistics reveal a flattening of birth rates since 2007, housing and employment statistics indicate that growth due to in-migration will most likely overcome any demographic trends that would slow growth. This analysis combines several approaches to better understand the likely future enrollments of the district, including:

- (a) Evaluation of estimates from February 2016 study compared to actual enrollments for the 2016 fall;
- (b) Examination of third-party population estimates (for 2015) and projections (to 2025);
- (c) Exploration of Kindergarten enrollment and birth trends and their relationship; and
- (d) Extrapolation of statistical trends in historic K-12 enrollments into the next decade.

Further discussion in this report refers to each school year by its fall semester, so any time “2016” is used it refers to the current school year, “2026” refers to the 2026-27 school year, etc. This is done simply for clarity in the discussion when referring to different academic years. However, birth data are tabulated by ZIP code for calendar years. Finally, discussion and analysis in this report concerns K-12 enrollments only, as available Pre-K enrollment figures available to the analyst were irregular and Pre-K enrollments have only been a fraction of subsequent year Kindergarten enrollments in the district.

District Overview

District enrollment has grown rapidly over the past twenty-five years, growing from 4,611 students in 1992 to 15,986 this year, a gain of more than 11,300 students and an annual average growth rate of 10.3% or 474 students per year. However, there has been quite a bit of variability in this growth, with an annual standard deviation of 258 students. The growth peaked in 2004 at 12%, and since then the growth rate has slowed to about 5% annually or around 557 more students each year since 2006. For the last six years, though, annual growth has been very consistent at about 4%, which is remarkable considering that births have been on a slight decline since 2007, Kindergarten enrollments had been flattening out in response to lower births, and three of the previous four years had seen Kindergarten enrollments shrink compared to the year before until this year’s incredible spike to 1,291. Thus, virtually all recent growth, and most past growth, has come more from in-migration of families with children than from internal growth through natural processes. If this trend continues then we project further growth into the future on par with the past decade, as external factors seem likely to continue pulling new families and students into the district to offset any declining growth due to aging by the resident population.

Figure 2. District K-12 enrollment, 1993-2017

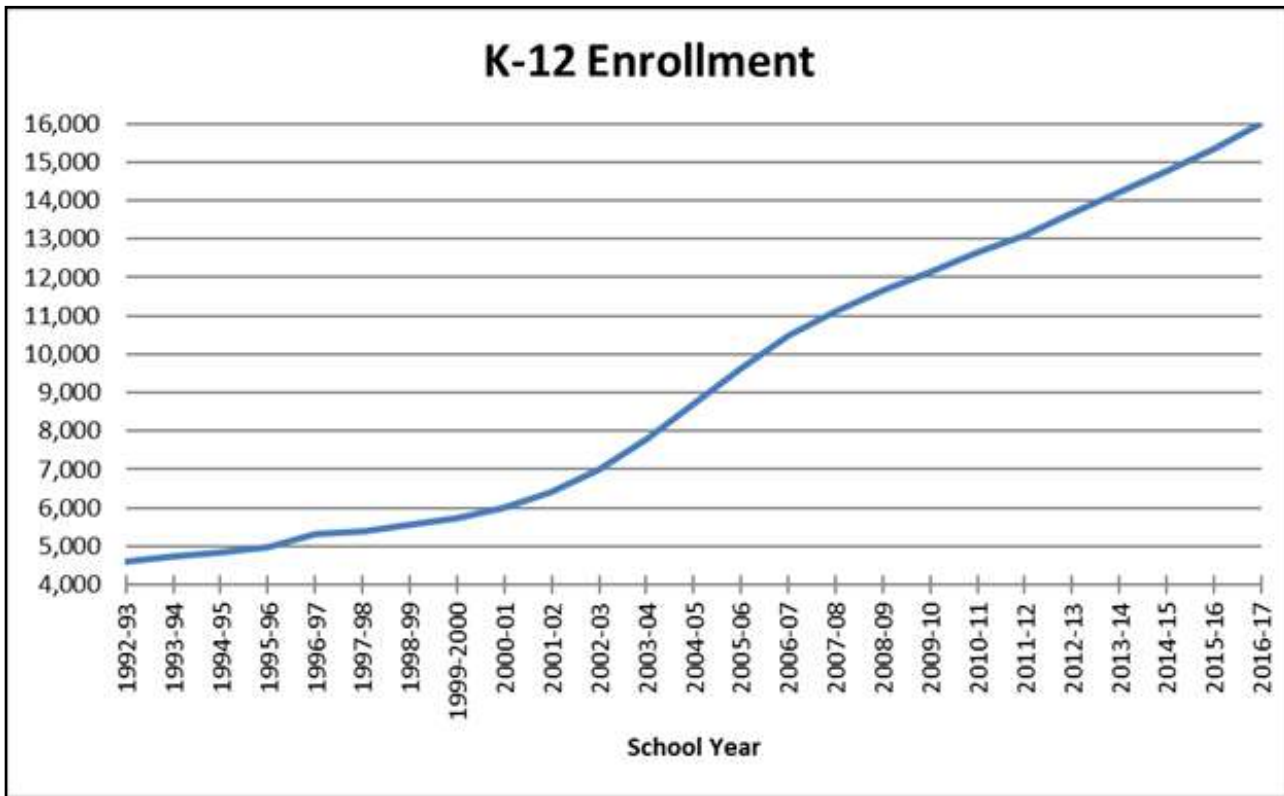
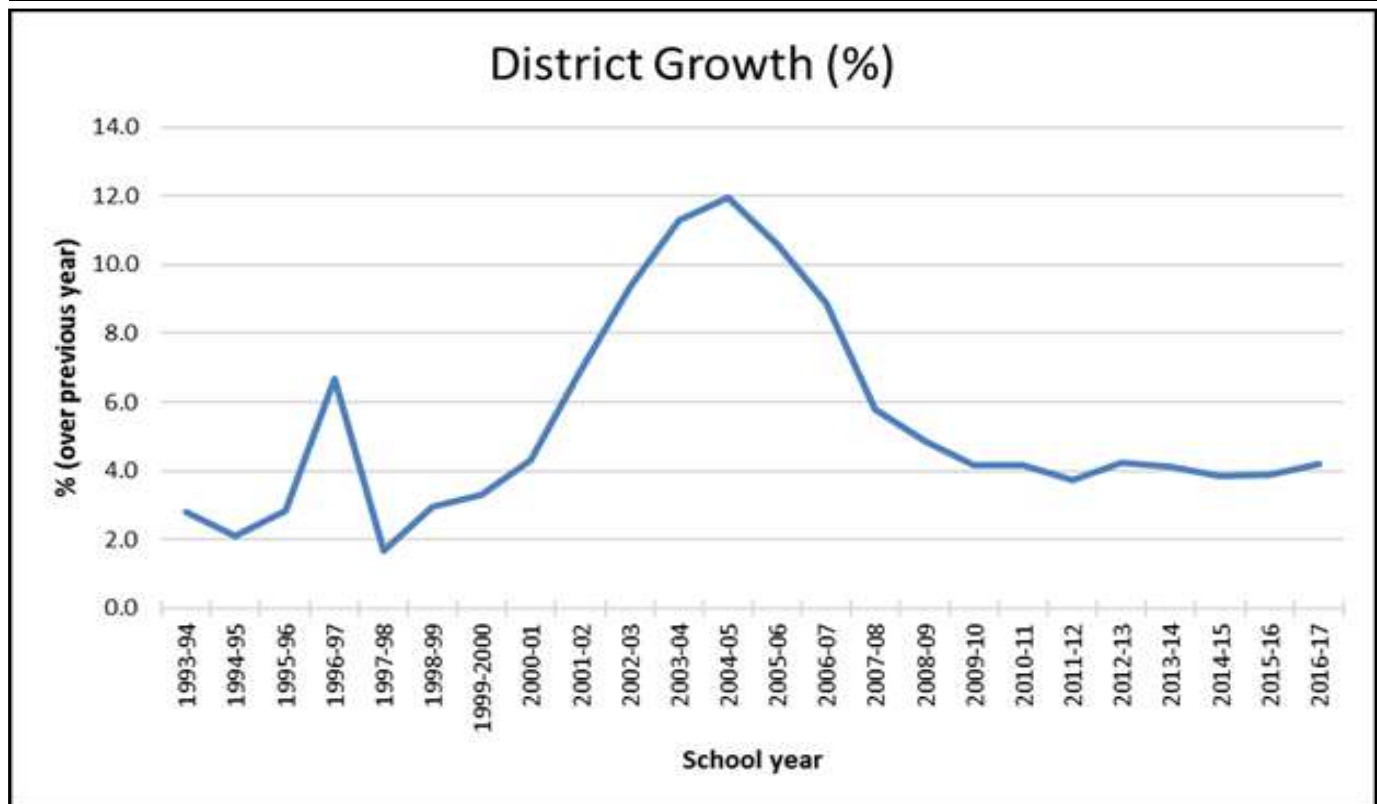


Figure 3. Percentage of district growth from one year to the next.



(A) Evaluation of Projections from 2016 Study

In February 2016 the analysts performed a similar study for the district, at that time proposing growth models of 45% (*high*), 40% (*medium*), and 35% (*low*) based on trends observed in the district. Despite slowing birth rates found in that study that influenced our projections, the district exceeded our *high* estimate by 61 total students or 0.4% for 2016-17, a very close match but still a bit surprising because we expected the growth rates of the period before 2014 to continue slowing down. However, the biggest differences and challenges have been with Kindergarten enrollments. In an earlier 2014 study, we overestimated these enrollments and so, in the 2016 study, we reduced them to match what appeared to be a slowing trend for this cohort. However, fall 2016 enrollments spiked to 1,291 K students, a new high for the district and 139 more than in 2015-16. If Kindergarten is ignored, our *medium* estimates last February were off by only 18 students for grades 1-12, which is about as accurate as one could hope for in a district this size. Clearly, going forward flat birth rates may not impact Kindergarten enrollments to the extent they do in other districts. For whatever reasons, Kindergarten enrollment estimates are especially challenging and unpredictable for this district.

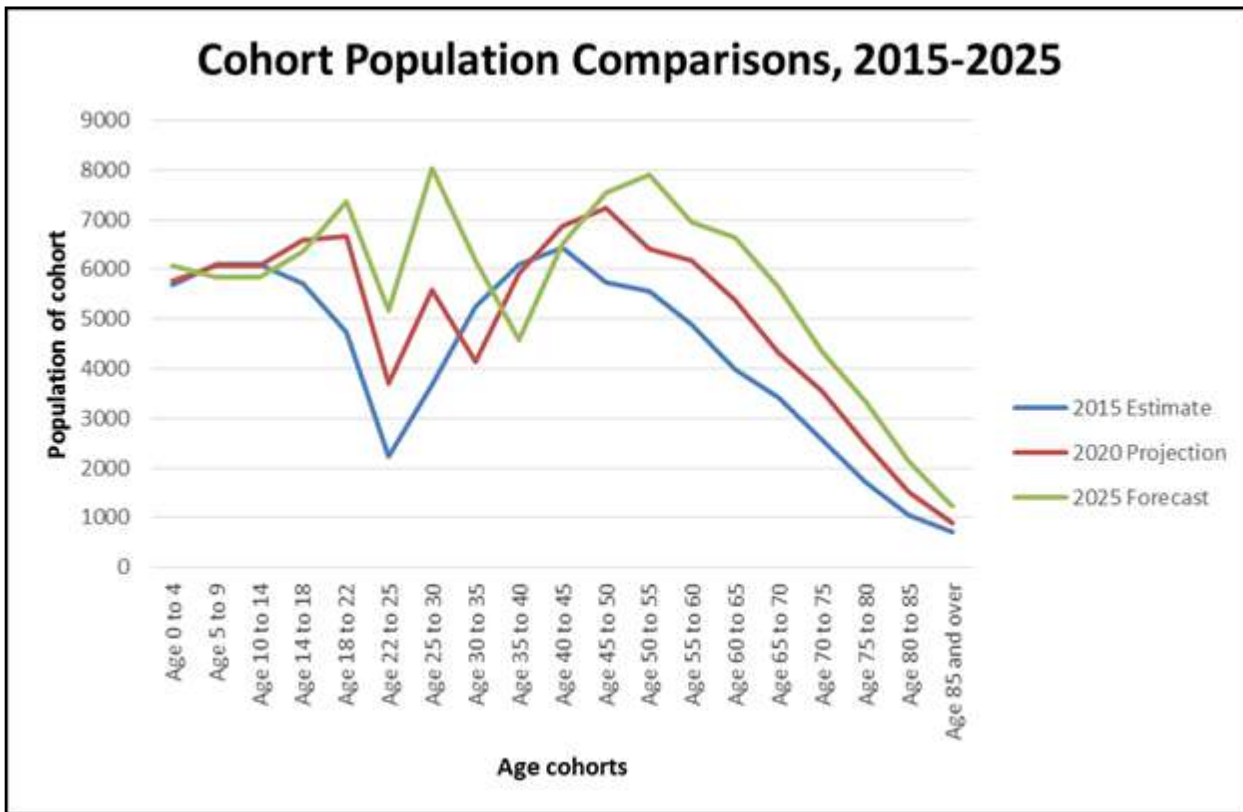
(B) Population Projections and Forecasts

Third-party population estimates (for 2015), projections (to 2020), and forecasts (to 2025) were consulted to get an outside opinion on possible population trajectories for the district. These have relatively course age groupings, but they are the best data available. For reference, these are compared to the 2000 and 2010 Census totals for the district.

District	2000	2010	2015	2020	2025
Total Population 0-4	898	6,252	5,694	5,775	6,083
Total Population 5-14	1,512	12,093	12,198	12,152	11,710
Total Population 15-18	1,134	3,772	5,704	6,585	6,354
All ages	33,158	71,306	81,653	95,345	107,736

Notably, the estimates for 2015 show a smaller pre-school age population that barely grows by 2020 and starts to grow by 1% annually through 2025, reflecting the flattening of the births in the district. This is evident in the 2025 forecasts for the 5-14 population as well, but we do not believe the district will shrink in that age group because of immigration, which these projections seem to ignore. Overall, the entire district's population is forecast to keep growing by at 3% annually for the next decade, but to age somewhat owing to fewer births. Again, we think the aging will be less pronounced due to the influx of parents with school-age children that has been happening for quite some time and is un-

Figure 4. Population projections for 5-year Age Cohorts through 2025.



likely to abate soon. Thus, we feel these projections are very conservative because they primarily focus on *natural* growth patterns (births versus deaths) with little weight given to migration.

(C) Birth and Kindergarten Enrollment Trends and Correlations

One of the greatest influences in a school enrollment projection study is the estimation of annual Kindergarten enrollments, which must be based on little or no data as Pre-K enrollments are generally unsuitable to the task and Census data become more out-of-date each year that passes. The table below helps demonstrate this point:

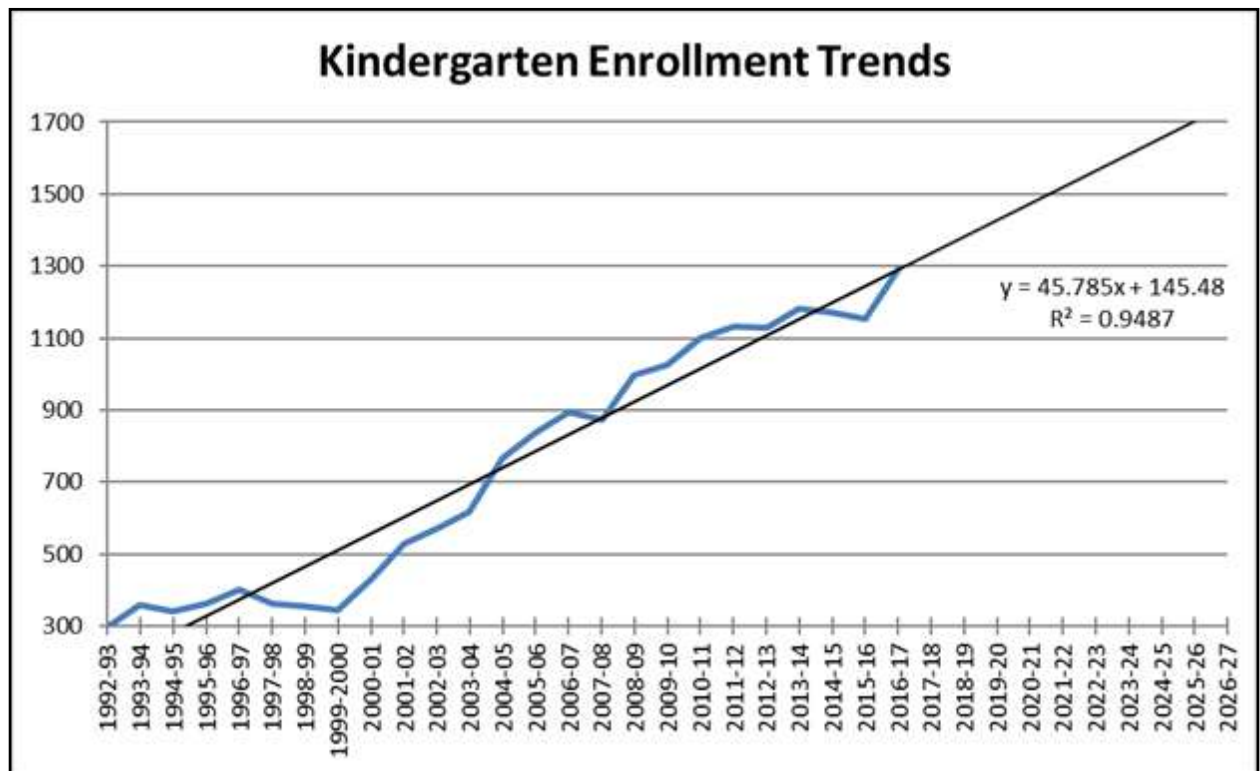
Thus, the children entering Kindergarten in 2015 was the last group that could be estimated from known population totals (of children under age 1) from the 2010 Census and enrollments for only grades 11-12 in 2026-27 can be based partly on known population totals from the 2010 Census. However, given the rate of in-migration occurring in the district, Census data can no longer be considered very useful in making enrollment projections.

Age in 2010 Census	Assumed to enter K	Grade in 2026- 27 school year
< 1 year old	2015	11
1 year old	2014	12
2 years old	2013	Graduates 2026
3 years old	2012	Graduates 2025

With this in mind, there are several possible approaches to estimating incoming Kindergarten classes. As the chart below shows, Kindergarten enrollments (blue line) exploded after 1999, fueling a lot of the overall growth the district has experienced over the past decade. A linear trend (regression) line is fit to the existing data to provide further information on how much Kindergarten class sizes could be expected to grow annually, *on average*. The slope (black line) projects nearly forty-six (45.785) additional Kindergarten-ers per year with fairly strong predictive power, having an r^2 value of nearly 0.95 (0.00 indicates no linear trend and 1.00 indicates a perfect linear trend).

However, this 25-year trend over-predicted Kindergarten last year (2015-16), resulting in our downgrading of Kindergarten estimates in the February 2016 study which proved to not be a sustained trend. While Kindergarten enrollments had appeared flat for several years and saw two consecutive years of declines prior to the current school year, clearly there is continued capacity for upward growth in the district due to its attractiveness. Thus, while we will continue to expect possible large single year deviations from this trend line, in the long run it has been very accurate and so we have adjusted Kindergarten projections back upwards for the current study. But, we would like to emphasize again that Kindergarten projections for this district are especially challenging, even more so than for most districts in which Kindergarten proves to be the hardest to anticipate for obvious reasons. Thus, any such study should be evaluated in this light.

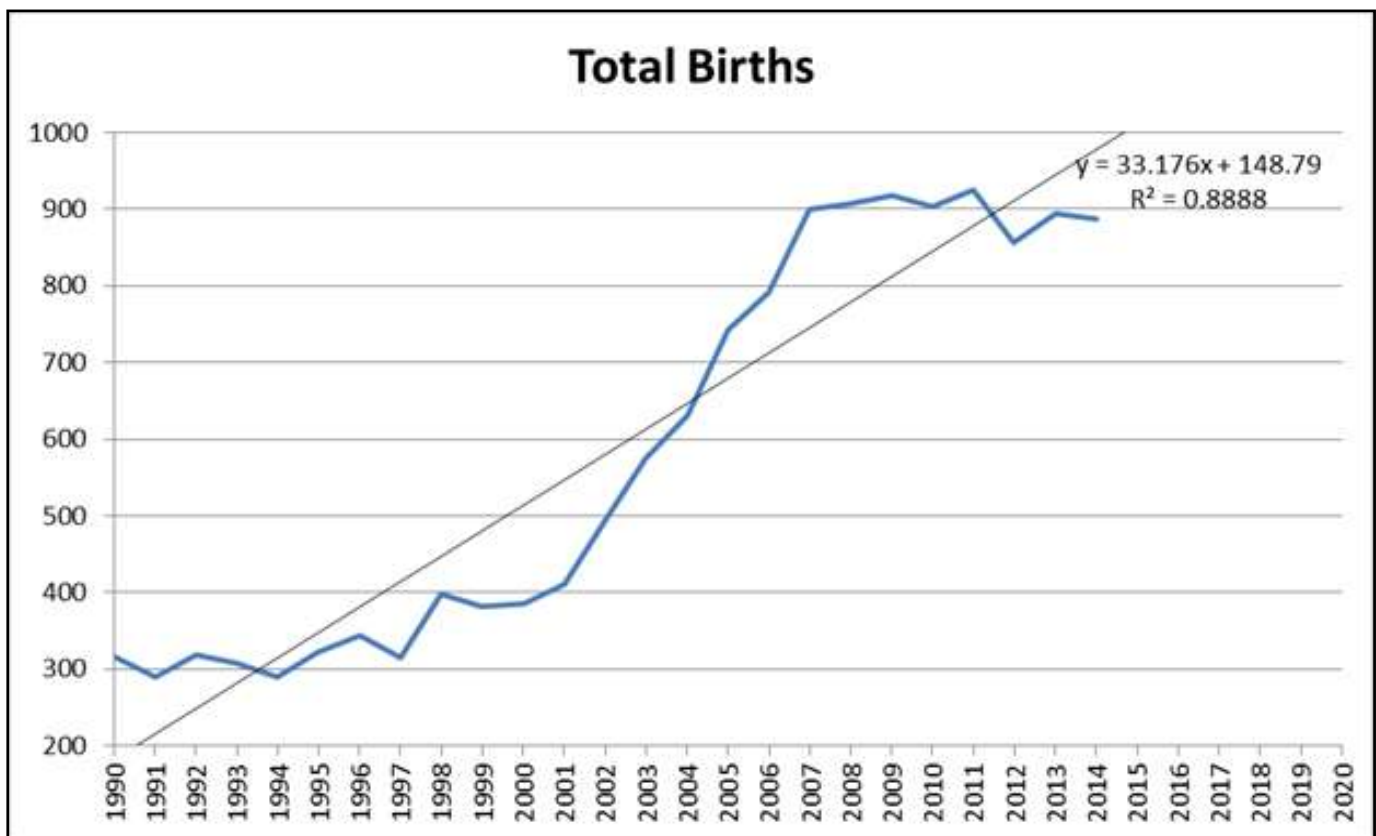
Figure 5. District Kindergarten enrollment trends, 1993-2015, projected to 2027.



Another way to estimate Kindergarten enrollments is to study birth data for the district. Again, however, this is just another rough guide for two reasons. First, birth data come from the state Department of Health and Senior Services by ZIP codes, which usually align poorly with school district boundaries including Wentzville. Here, ZIP codes 63348 (west), 63385 (central), 63367 (east), and 63368 (far southeast) overlap the district, including considerable territory west and south of 63348, north and south of 63385, and more than half of the territory of 63368 lying east of the district. Second and most critically, birth data for 63368 are only available since 2005. Plotting births for all four ZIP codes creates a huge increase in 2005 because of this; therefore, the chart below omits 63368.

Births began trending upwards in 1994, explaining the Kindergarten growth that started in 1999, though there has been a flattening out since 2007 with relatively consistent totals around 900 each year since (meanwhile, 63368 decreased from 639 to 508 births during that span). Though annually chaotic, the long-term trend in births averages just over 33 additional births per year (the slope of the trend line). This trend line fits the data fairly well, with an r^2 of nearly 0.89. Ultimately, we feel that the likely trend for the district for the next ten years is for very modest growth in birth rates, in the 1,400s annually (including 63368), given that so much of the district's growth lately seems to come from families that already have children moving into the district. Thus, we produce Kindergarten estimates based mainly on the Kindergarten trend line.

Figure 6. Births in district ZIP codes, 63348, 63367, 63385, 1990-2014, projected to 2020 with a trendline.



Since the appearance of ZIP code 63368 in 2005, the district has very consistently matriculated about 77% of births in the four ZIP codes five years later as Kindergarteners. Therefore, after projecting births through 2020, we estimate Kindergarten classes by assuming 77% of births in the four ZIP codes covering the district will enroll as Kindergarteners five years later. However, there should still be some additional growth of Kindergarteners given that some of the arriving families will be bringing pre-K or Kindergarten-age children with them who will slightly grow Kindergarten enrollments through time.

(D) Statistical Trend Analysis of Past Enrollments

The last step examines overall district enrollment trends to find recurring patterns that can inform projections of future district enrollment. Linear, quadratic, and cubic growth models are applied to past district enrollments to find the best statistical fit. This approach accounts for gradual variations observed in annual past enrollments and assumes similar influences will continue for the next decade, regardless of the causes. The linear growth model takes the functional form $Y = b_0 + b_1t$, the quadratic growth model's form is $Y = b_0 + b_1t + b_2t^2$, and the cubic model's function is $Y = b_0 + b_1t + b_2t^2 + b_3t^3$, where the b values are intercept (b_0) and slope (b_1 , b_2 , b_3) coefficients and t is a sequence (time) indicator, with values of b_i differing between models.

To tease out subtle annual variations, the three statistical models are each run for three time periods: a quarter-century dating back to 1992, a 15-year span starting in 2002 when enrollment growth really exploded, and a 10-year span since 2006 when enrollment growth began to slow down a *little* bit. All nine models fit past data extremely well, with r^2 values between 0.954 and 1.000, with the shorter-term models having a better fit than the longer-term models due to higher variability of enrollments over the long run. Two of the cubic models veer off to unlikely enrollments in 2026-27 because they over-emphasize small transition points in the district's growth profile, but the other models the average 22,000 students in 2026-27. Given that district enrollment growth has been very linear and that even the quadratic models are fairly linear, this amalgamation of models provides a very logical baseline set of projections that results in 40% decadal growth, or about 4.0% annually.

Therefore, linear decadal growth of 40% in aggregate (roughly 4.0% annually) remains the *medium* growth trajectory at this time, whereas two years ago we set it as the *high* model. This model adds 6,394 total students, annually averaging 639 more students to a district-wide K-12 enrollment of 22,380 students in 2026-27. This study further develops a *high* model with 45% net growth and a *low* model achieving 35% net growth over the coming decade. The *low* model is more likely if in-migration slows down, and adds 5,595 students (560 per year on average) to total 21,581 K-12 students by 2026-27. The *high* projections propose an average of 719 additional students per year, reaching 23,180 total K-12 students by 2026-27.

Final Projections Based on 2017-18 Elementary Attendance Zones

The next step is to make grade-level estimates across the district based on the three growth models. A standard cohort progression model provides an estimate of each year's basic enrollment assuming steady-state trends, which are then adjusted by the varying growth rates represented by the *high*, *medium*, and *low* growth models evinced above. Finally, the new elementary attendance boundaries that will go into effect in 2017-18 were used to reallocate students *this year* (2016-17) based on geocoded addresses for all students and assuming there will be no cross-boundary transfers. Thus, the projections also include sixth graders at all elementary schools (except Heritage Primary School) and no sixth graders at the middle schools. Though there were 15,986 K-12 students on September 30, 2016, the geocoded data contained information on 15,943 such students which were used to project enrollments for the coming decade based on the new attendance zones. Again, Pre-K as well as students coded WZDC were omitted, which accounts for the difference of 43 students (as well as the fact that the geocoded student addresses may have been obtained after September 30).

The three final growth models are shown and are marked each year with district-wide, K-12 enrollment estimates. Note that 2016-17 value is the actual, reported district K-12 *geocoded* total for the current school year, 15,943 K-12 students.

Figure 7. Enrollment projections to 2027 for the overall district.

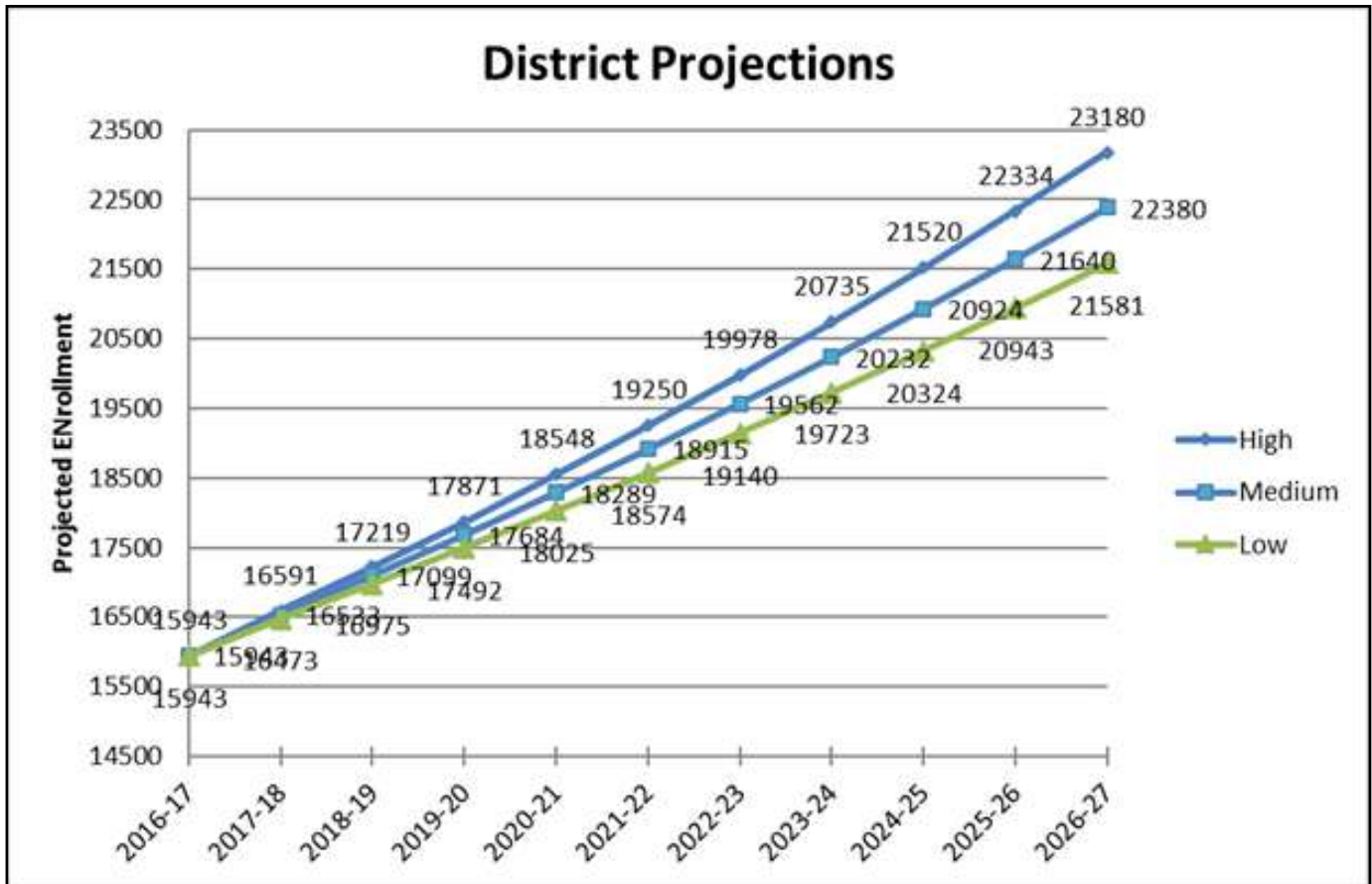


Figure 8. Comparison of different demographic vendor data projections for Wentzville school district.

Comparison of Different Demographic Vendor Data Projections for Wentzville R-IV School District

	Overall Population Change 2015-2020	Age 0 - 4 Population Change 2015 < 2020	Age 5 to 14 Population Change 2015 < 2020	Age 15 - 18 Population Change 2015 < 2020
Demographics Vendor 1	18.5%	15.5%	11.6%	23.8%
Demographics Vendor 2	16.8%	1.4%	-0.4%	15.5%
Demographics Vendor 3	5.0%	-2.7%	-6.0%	7.0%
Average	13.4%	4.8%	1.7%	15.4%

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Wentzville R-IV School District

Figure 9. District enrollment projections, by school, for 2017-2027. (The charts show to 2026, but that is for the beginning of the 2026-27 school year. Heritage Primary and Intermediate are shown separately in this table in case the district wants to consider the schools separately again.)

Overall Enrollment Projections for the Wentzville School District, 2017-2027, by school											
District	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
High	15,923	16,591	17,219	17,871	18,548	19,250	19,978	20,735	21,520	22,334	23,180
Medium	15,923	16,533	17,099	17,684	18,289	18,915	19,562	20,232	20,924	21,640	22,380
Low	15,923	16,473	16,975	17,492	18,025	18,574	19,140	19,723	20,324	20,943	21,581
Holt H.S.	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
High	1,694	1,751	1,772	1,938	2,108	2,285	2,504	2,628	2,718	2,865	3,006
Medium	1,694	1,745	1,760	1,918	2,078	2,246	2,452	2,564	2,643	2,776	2,902
Low	1,694	1,739	1,747	1,897	2,048	2,205	2,399	2,500	2,567	2,687	2,798
Wentzville M.S.	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
High	833	928	1,071	1,119	1,154	1,191	1,204	1,278	1,336	1,378	1,428
Medium	833	925	1,063	1,107	1,138	1,170	1,179	1,247	1,299	1,335	1,379
Low	833	921	1,055	1,095	1,122	1,149	1,153	1,216	1,262	1,292	1,330
Heritage	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
High	1,254	1,274	1,300	1,319	1,346	1,388	1,451	1,492	1,556	1,611	1,675
Medium	1,254	1,269	1,291	1,305	1,327	1,364	1,421	1,456	1,513	1,561	1,617
Low	1,254	1,265	1,282	1,291	1,308	1,339	1,390	1,419	1,469	1,511	1,559
Heritage P.S.	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
High	500	513	544	553	569	581	602	623	653	686	715
Medium	500	511	540	547	561	571	589	608	635	664	691
Low	500	509	537	541	553	561	577	593	617	643	666
Heritage I.S.	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
High	754	761	756	766	777	807	849	869	903	926	959
Medium	754	759	751	758	766	793	831	848	878	897	926
Low	754	756	745	750	755	779	813	827	852	868	893
Lakeview E.S.	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
High	773	806	827	844	864	891	920	946	986	1,021	1,062
Medium	773	804	821	835	852	876	901	923	959	990	1,025
Low	773	801	815	826	840	860	881	900	931	958	988
Peine Ridge E.S.	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
High	687	719	738	758	764	774	793	815	850	880	915
Medium	687	717	733	750	753	760	776	796	827	853	884
Low	687	714	728	742	743	747	760	776	803	826	852
Golden Gate E.S.	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
High	711	748	770	807	839	871	888	913	952	986	1,025
Medium	711	745	764	799	828	856	870	891	926	955	990
Low	711	743	759	790	816	841	851	869	899	925	954

2016-17 Enrollment and Demographics Study

Figure 10. District enrollment projections, by school, for 2017-2027.

Overall Enrollment Projections for the Wentzville School District, 2017-2027, by school											
Timberland H.S.	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
High	1,637	1,713	1,808	1,886	1,965	2,016	2,097	2,236	2,313	2,375	2,413
Medium	1,637	1,707	1,795	1,867	1,938	1,981	2,053	2,182	2,249	2,301	2,330
Low	1,637	1,701	1,782	1,846	1,910	1,945	2,009	2,127	2,185	2,227	2,247
South M.S.	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
High	881	883	893	924	971	1,042	1,037	1,003	1,002	1,034	1,071
Medium	881	880	887	914	957	1,024	1,016	979	974	1,001	1,034
Low	881	877	880	904	943	1,006	994	954	946	969	997
Boone Trail E.S.	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
High	913	936	943	953	935	932	959	987	1,029	1,065	1,107
Medium	913	933	936	943	922	915	939	963	1,000	1,032	1,069
Low	913	930	929	933	909	899	919	938	972	999	1,031
Duello E.S.	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
High	783	796	802	815	802	765	750	756	788	817	849
Medium	783	794	797	807	791	751	735	737	766	791	819
Low	783	791	791	798	779	738	718	719	744	765	789
Green Tree E.S.	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
High	717	714	712	705	724	727	737	758	791	819	851
Medium	717	712	707	698	714	714	722	740	769	793	822
Low	717	709	702	690	703	701	706	721	747	768	792
Hwy Z E.S. (#1)	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
High	731	779	805	820	822	849	864	889	927	960	998
Medium	731	776	799	812	811	835	846	867	901	930	963
Low	731	774	794	803	799	820	828	845	875	900	929
Liberty H.S.	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
High	1,247	1,339	1,439	1,527	1,698	1,819	1,953	2,120	2,237	2,349	2,446
Medium	1,247	1,334	1,429	1,511	1,674	1,788	1,912	2,068	2,175	2,276	2,361
Low	1,247	1,330	1,419	1,494	1,650	1,755	1,871	2,016	2,113	2,203	2,277
Frontier M.S.	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
High	705	757	828	873	907	990	1,035	1,034	1,031	1,063	1,102
Medium	705	754	822	864	895	973	1,013	1,009	1,002	1,030	1,064
Low	705	752	816	855	882	956	991	983	973	997	1,026
Crossroads E.S.	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
High	831	821	803	786	775	781	777	799	833	863	897
Medium	831	818	798	777	764	768	761	780	810	836	866
Low	831	815	792	769	753	754	744	760	787	809	835
Discovery R. E.S.	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
High	839	923	994	1,076	1,158	1,212	1,279	1,331	1,388	1,438	1,494
Medium	839	920	987	1,065	1,142	1,191	1,253	1,299	1,350	1,393	1,443
Low	839	917	980	1,054	1,126	1,170	1,226	1,267	1,312	1,349	1,392
Prairie View E.S.	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
High	687	702	714	721	715	715	729	750	782	810	842
Medium	687	699	709	713	705	703	714	732	761	785	813
Low	687	697	703	705	695	690	699	714	739	760	784

Wentzville R-IV School District

Figure 11. District enrollment projections, by grade, for 2017-2027.

Overall Enrollment Projections for the Wentzville R-IV School District, 2017-2027, by grade											
District	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
High	15,943	16,591	17,219	17,871	18,548	19,250	19,978	20,735	21,520	22,334	23,180
Medium	15,943	16,533	17,099	17,684	18,289	18,915	19,562	20,232	20,924	21,640	22,380
Low	15,943	16,473	16,975	17,492	18,025	18,574	19,140	19,723	20,324	20,943	21,581
High	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
K	1,280	1,252	1,316	1,347	1,406	1,463	1,530	1,610	1,702	1,791	1,890
1	1,203	1,227	1,193	1,261	1,236	1,288	1,307	1,348	1,417	1,482	1,536
2	1,289	1,269	1,298	1,256	1,336	1,314	1,374	1,399	1,451	1,523	1,578
3	1,301	1,367	1,337	1,363	1,327	1,417	1,398	1,467	1,502	1,555	1,611
4	1,267	1,374	1,430	1,391	1,426	1,394	1,492	1,478	1,559	1,594	1,652
5	1,345	1,337	1,434	1,487	1,453	1,496	1,467	1,577	1,570	1,654	1,714
6	1,261	1,394	1,400	1,499	1,560	1,532	1,582	1,557	1,682	1,672	1,733
7	1,220	1,305	1,434	1,433	1,542	1,613	1,587	1,646	1,629	1,756	1,820
8	1,199	1,263	1,357	1,483	1,490	1,611	1,689	1,669	1,740	1,719	1,781
9	1,180	1,291	1,350	1,450	1,593	1,606	1,742	1,833	1,821	1,895	1,964
10	1,152	1,213	1,320	1,373	1,483	1,636	1,653	1,801	1,905	1,889	1,958
11	1,203	1,127	1,212	1,312	1,371	1,488	1,646	1,670	1,829	1,931	2,001
12	1,043	1,173	1,137	1,216	1,324	1,391	1,513	1,680	1,713	1,873	1,941
Medium	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
K	1,280	1,248	1,307	1,333	1,386	1,437	1,498	1,571	1,655	1,735	1,825
1	1,203	1,223	1,185	1,248	1,218	1,266	1,280	1,315	1,377	1,436	1,483
2	1,289	1,264	1,289	1,243	1,318	1,292	1,345	1,366	1,411	1,475	1,523
3	1,301	1,363	1,328	1,349	1,309	1,392	1,368	1,431	1,460	1,507	1,556
4	1,267	1,369	1,420	1,376	1,406	1,370	1,461	1,442	1,516	1,544	1,595
5	1,345	1,332	1,424	1,471	1,433	1,470	1,437	1,538	1,526	1,602	1,655
6	1,261	1,389	1,391	1,483	1,539	1,505	1,549	1,519	1,635	1,620	1,673
7	1,220	1,300	1,424	1,418	1,521	1,585	1,554	1,606	1,583	1,701	1,757
8	1,199	1,259	1,347	1,468	1,469	1,583	1,654	1,629	1,692	1,665	1,720
9	1,180	1,286	1,341	1,435	1,570	1,578	1,706	1,788	1,770	1,836	1,896
10	1,152	1,209	1,311	1,359	1,462	1,607	1,619	1,757	1,852	1,831	1,890
11	1,203	1,123	1,203	1,298	1,352	1,462	1,611	1,629	1,778	1,871	1,932
12	1,043	1,168	1,129	1,204	1,306	1,366	1,481	1,639	1,666	1,815	1,875
Low	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
K	1,280	1,243	1,297	1,319	1,366	1,412	1,465	1,532	1,607	1,679	1,760
1	1,203	1,218	1,176	1,234	1,201	1,243	1,252	1,282	1,338	1,390	1,430
2	1,289	1,260	1,280	1,230	1,299	1,268	1,316	1,331	1,371	1,428	1,469
3	1,301	1,358	1,318	1,334	1,290	1,367	1,339	1,395	1,418	1,458	1,500
4	1,267	1,364	1,410	1,361	1,385	1,345	1,429	1,406	1,473	1,495	1,538
5	1,345	1,327	1,414	1,455	1,412	1,444	1,406	1,500	1,483	1,551	1,596
6	1,261	1,384	1,380	1,467	1,516	1,478	1,516	1,481	1,589	1,568	1,613
7	1,220	1,296	1,414	1,402	1,499	1,556	1,521	1,565	1,538	1,647	1,694
8	1,199	1,254	1,338	1,452	1,448	1,555	1,618	1,588	1,643	1,612	1,658
9	1,180	1,282	1,331	1,420	1,548	1,549	1,669	1,744	1,720	1,777	1,829
10	1,152	1,204	1,301	1,344	1,441	1,579	1,584	1,713	1,799	1,772	1,823
11	1,203	1,119	1,194	1,284	1,333	1,436	1,576	1,588	1,727	1,811	1,863
12	1,043	1,164	1,121	1,190	1,287	1,342	1,449	1,598	1,618	1,757	1,808

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Wentzville R-IV School District

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Figure 12. Capacity of current enrollment . Where there are green cells, the amount of square footage available per student exceeds the standard amount required by 20 percent or more. Yellow cells indicate that the square footage allotted per student is between 10 and 20 percent more than the standard amount, and red cells are placed to flag those schools where there is less than 10 percent surplus square feet per student. Based on these calculations, Boone Trail Elementary, Crossroads, Discovery Ridge, Green Tree, Wentzville Middle and both Holt and Timberland High could be all overcrowded this fall. Heritage, Lakeview and Peine Ridge are nearing over-capacity.

School	Grades	Estimated 2017-18 Enrollment	2016-17 Square Footage per Building	Gross Square Footage per Student	Square Footage Per Student Standard	Variance	Square Footage Advantage/ Disadvantage	Estimated Enrollment Capacity	Additional Number of Students Possible
Boone Trail Elementary	K-6	934	88,830	95	117	-22	● -18.7%	759	-175
Crossroads Elementary	K-6	819	90,760	111	117	-6	● -5.3%	776	-43
Discovery Ridge Elementary	K-6	923	100,211	109	117	-8	● -7.2%	857	-66
Duello Elementary	K-6	796	101,215	127	117	10	● 8.7%	865	69
Golden Gate Elementary	K-6	746	100,211	134	117	17	● 14.8%	857	111
Green Tree Elementary	K-6	712	83,133	117	117	0	● -0.2%	711	-1
Heritage Elementary/Intermediate	K-6	1,271	159,014	125	117	8	● 6.9%	1,359	88
Highway Z Elementary	K-6	777	100,211	129	117	12	● 10.2%	857	80
Lakeview Elementary	K-6	805	100,211	124	117	7	● 6.4%	857	52
Peine Ridge Elementary	K-6	718	91,510	127	117	10	● 8.9%	782	64
Prairie View Elementary	K-6	700	90,900	130	117	13	● 11.0%	777	77
Frontier Middle	7-8	757	173,754	230	135	95	● 70.0%	1,287	530
Wentzville Middle	7-8	928	125,158	135	135	0	● -0.1%	927	-1
Wentzville South Middle	7-8	883	132,555	150	135	15	● 11.2%	982	99
Holt High	9-12	1,751	268,409	153	160	-7	● -4.2%	1,678	-73
Liberty High	9-12	1,339	286,595	214	160	54	● 33.8%	1,791	452
Timberland High	9-12	1,713	259,707	152	160	-8	● -5.2%	1,623	-90
17		16,572	2,352,384					17,743	1,171

Figure 13. By 2022-23, we are estimating the high-end of enrollment could be 19,977 in the district. We are showing all the schools could be overcrowded except for Prairie View and Frontier Middle.

School	Grades	Projected 2022-23 Enrollment	2016-17 Square Footage per Building	Gross Square Footage per Student	Square Footage Per Student Standard	Variance	Square Footage Advantage/ Disadvantage	Estimated Enrollment Capacity	Additional Number of Students Possible
Boone Trail Elementary	K-6	959	88,830	93	117	-24	● -20.8%	759	-200
Crossroads Elementary	K-6	777	90,760	117	117	0	● -0.2%	776	-1
Discovery Ridge Elementary	K-6	1,279	100,211	78	117	-39	● -33.0%	857	-422
Duello Elementary	K-6	750	101,215	135	117	18	● 15.3%	865	115
Golden Gate Elementary	K-6	888	100,211	113	117	-4	● -3.5%	857	-31
Green Tree Elementary	K-6	737	83,133	113	117	-4	● -3.6%	711	-26
Heritage Elementary/Intermediate	K-6	1,451	159,014	110	117	-7	● -6.3%	1,359	-92
Highway Z Elementary	K-6	864	100,211	116	117	-1	● -0.9%	857	-7
Lakeview Elementary	K-6	920	100,211	109	117	-8	● -6.9%	857	-63
Peine Ridge Elementary	K-6	793	91,510	115	117	-2	● -1.4%	782	-11
Prairie View Elementary	K-6	729	90,900	125	117	8	● 6.6%	777	48
Frontier Middle	7-8	1,035	173,754	168	135	33	● 24.4%	1,287	252
Wentzville Middle	7-8	1,204	125,158	104	135	-31	● -23.0%	927	-277
Wentzville South Middle	7-8	1,037	132,555	128	135	-7	● -5.3%	982	-55
Holt High	9-12	2,504	268,409	107	160	-53	● -33.0%	1,678	-826
Liberty High	9-12	1,953	286,595	147	160	-13	● -8.3%	1,791	-162
Timberland High	9-12	2,097	259,707	124	160	-36	● -22.6%	1,623	-474
17		19,977	2,352,384					17,743	-2,234

As part of our evaluation of district capacity, Figure 12, on p. 22, shows signs of overcrowding in 10 of 17 buildings, based on our high-end projections for enrollment for the fall 2017. Our capacity calculations are based on a national industry standard of how many square feet are needed for each student in each grade level. Since high school students have more diverse classes and activities, they need about 160 sq. ft. of building space per student. Elementary students (K-5) need about 110 sq. ft. per building space. Since the elementaries now include the 6th grade, we have slightly increased the per-student square footage.

The tables on these pages show a calculation of current and projected square feet per student based on the current and projected enrollment for the building, assuming the attendance boundaries were not changed. Our calculations show that the current capacity of the district's buildings is 17,743 students; our high-end projections show that by 2026-27, the district will have as many as 23,180 students. Note: the calculations do not take into consideration special education classes that would need greater space requirements per student.

The Wentzville School District administration developed their own set of capacity calculations based on "comfortable capacity," which is what their redistricting efforts were based.

Figure 14. All buildings in the district by 2026-27 will be overcrowded, with more than 23,000 students enrolled in buildings designed to hold only 17,743.

School	Grades	Projected 2026-27 Enrollment	2016-17 Square Footage per Building	Gross Square Footage per Student	Square Footage Per Student Standard	Variance		Square Footage Advantage/ Disadvantage	Estimated Enrollment Capacity	Additional Number of Students Possible
Boone Trail Elementary	K-6	1,107	88,830	80	117	-37	●	-31.4%	759	-348
Crossroads Elementary	K-6	897	90,760	101	117	-16	●	-13.5%	776	-121
Discovery Ridge Elementary	K-6	1,494	100,211	67	117	-50	●	-42.7%	857	-637
Duello Elementary	K-6	849	101,215	119	117	2	●	1.9%	865	16
Golden Gate Elementary	K-6	1,025	100,211	98	117	-19	●	-16.4%	857	-168
Green Tree Elementary	K-6	851	83,133	98	117	-19	●	-16.5%	711	-140
Heritage Elementary/Intermediate	K-6	1,675	159,014	95	117	-22	●	-18.9%	1,359	-316
Highway Z Elementary	K-6	998	100,211	100	117	-17	●	-14.2%	857	-141
Lakeview Elementary	K-6	1,062	100,211	94	117	-23	●	-19.3%	857	-205
Peine Ridge Elementary	K-6	915	91,510	100	117	-17	●	-14.5%	782	-133
Prairie View Elementary	K-6	842	90,900	108	117	-9	●	-7.7%	777	-65
Frontier Middle	7-8	1,102	173,754	158	135	23	●	16.8%	1,287	185
Wentzville Middle	7-8	1,428	125,158	88	135	-47	●	-35.1%	927	-501
Wentzville South Middle	7-8	1,071	132,555	124	135	-11	●	-8.3%	982	-89
Holt High	9-12	3,006	268,409	89	160	-71	●	-44.2%	1,678	-1,328
Liberty High	9-12	2,446	286,595	117	160	-43	●	-26.8%	1,791	-655
Timberland High	9-12	2,413	259,707	108	160	-52	●	-32.7%	1,623	-790
17		23,181	2,352,384						17,743	-5,438

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Figures 15-17. If we consider each of the district's buildings as a set, such as the elementary, middle schools and high schools, the tables below show that the elementaries have a present capacity of 9,455 and the enrollment for the fall 2017 could be 9,219, so there is room for only about 236 additional students.

Despite undergoing a year-long redistricting, there are still large disparities between the elementary schools' level of enrollment. The middle schools show an even larger disparity, with Frontier having a space surplus of more than 500 students, with Wentzville Middle School having no available space. Liberty, likewise, has a surplus of available space, with Holt and Timberland both overcrowded.

School	Grades	Estimated 2017-18 Enrollment	2016-17 Square Footage per Building	Gross Square Footage per Student	Square Footage Per Student Standard	Variance	Square Footage Advantage/ Disadvantage	Estimated Enrollment Capacity	Additional Number of Students Possible
Boone Trail Elementary	K-6	934	88,830	95	117	-22	● -18.71%	759	-175
Crossroads Elementary	K-6	819	90,760	111	117	-6	● -5.28%	776	-43
Discovery Ridge Elementary	K-6	923	100,211	109	117	-8	● -7.20%	857	-66
Duello Elementary	K-6	796	101,215	127	117	10	● 8.68%	865	69
Golden Gate Elementary	K-6	746	100,211	134	117	17	● 14.81%	857	111
Green Tree Elementary	K-6	712	83,133	117	117	0	● -0.21%	711	-1
Heritage Elementary/Intermediate	K-6	1,271	159,014	125	117	8	● 6.93%	1,359	88
Highway Z Elementary	K-6	777	100,211	129	117	12	● 10.23%	857	80
Lakeview Elementary	K-6	805	100,211	124	117	7	● 6.40%	857	52
Peine Ridge Elementary	K-6	718	91,510	127	117	10	● 8.93%	782	64
Prairie View Elementary	K-6	700	90,900	130	117	13	● 10.99%	777	77
11		9,201	1,106,206					9,455	254

School	Grades	Estimated 2017-18 Enrollment	2016-17 Square Footage per Building	Gross Square Footage per Student	Square Footage Per Student Standard	Variance	Square Footage Advantage/ Disadvantage	Estimated Enrollment Capacity	Additional Number of Students Possible
Frontier Middle	7-8	757	173,754	230	135	95	● 70.02%	1,287	530
Wentzville Middle	7-8	928	125,158	135	135	0	● -0.10%	927	-1
Wentzville South Middle	7-8	883	132,555	150	135	15	● 11.20%	982	99
3		2,568	431,467					3,196	628

School	Grades	Estimated 2017-18 Enrollment	2016-17 Square Footage per Building	Gross Square Footage per Student	Square Footage Per Student Standard	Variance	Square Footage Advantage/ Disadvantage	Estimated Enrollment Capacity	Additional Number of Students Possible
Holt High	9-12	1,751	268,409	153	160	-7	● -4.19%	1,678	-73
Liberty High	9-12	1,339	286,595	214	160	54	● 33.77%	1,791	452
Timberland High	9-12	1,713	259,707	152	160	-8	● -5.24%	1,623	-90
3		4,803	814,711					5,092	289

2016-17 Enrollment and Demographics Study

Figures 18-20. By 2022-23, the elementaries will have an enrollment of 10,147, too crowded that redrawing lines will solve the problem in some buildings. The high schools are similarly overcrowded.

School	Grades	Projected 2022-23 Enrollment	2016-17 Square Footage per Building	Gross Square Footage per Student	Square Footage Per Student Standard	Variance	Square Footage Advantage/ Disadvantage	Estimated Enrollment Capacity	Additional Number of Students Possible
Boone Trail Elementary	K-6	959	88,830	93	117	-24	-20.8%	759	-200
Crossroads Elementary	K-6	777	90,760	117	117	0	-0.2%	776	-1
Discovery Ridge Elementary	K-6	1,279	100,211	78	117	-39	-33.0%	857	-422
Duello Elementary	K-6	750	101,215	135	117	18	15.3%	865	115
Golden Gate Elementary	K-6	888	100,211	113	117	-4	-3.5%	857	-31
Green Tree Elementary	K-6	737	83,133	113	117	-4	-3.6%	711	-26
Heritage Elementary/Intermediate	K-6	1,451	159,014	110	117	-7	-6.3%	1,359	-92
Highway Z Elementary	K-6	864	100,211	116	117	-1	-0.9%	857	-7
Lakeview Elementary	K-6	920	100,211	109	117	-8	-6.9%	857	-63
Peine Ridge Elementary	K-6	793	91,510	115	117	-2	-1.4%	782	-11
Prairie View Elementary	K-6	729	90,900	125	117	8	6.6%	777	48
11		10,147	1,106,206					9,455	-692

School	Grades	Projected 2022-23 Enrollment	2016-17 Square Footage per Building	Gross Square Footage per Student	Square Footage Per Student Standard	Variance	Square Footage Advantage/ Disadvantage	Estimated Enrollment Capacity	Additional Number of Students Possible
Frontier Middle	7-8	1,035	173,754	168	135	33	24.4%	1,287	252
Wentzville Middle	7-8	1,204	125,158	104	135	-31	-23.0%	927	-277
Wentzville South Middle	7-8	1,037	132,555	128	135	-7	-5.3%	982	-55
3		3,276	431,467					3,196	-80

School	Grades	Projected 2022-23 Enrollment	2016-17 Square Footage per Building	Gross Square Footage per Student	Square Footage Per Student Standard	Variance	Square Footage Advantage/ Disadvantage	Estimated Enrollment Capacity	Additional Number of Students Possible
Holt High	9-12	2,504	268,409	107	160	-53	-33.0%	1,678	-826
Liberty High	9-12	1,953	286,595	147	160	-13	-8.3%	1,791	-162
Timberland High	9-12	2,097	259,707	124	160	-36	-22.6%	1,623	-474
3		6,554	814,711					5,092	-1,462

Figure 21. We estimate that by 2022-23, the district would need 378,970 sq. ft. in additional buildings to eliminate the overcrowding, without redrawing the lines to redistribute students better.

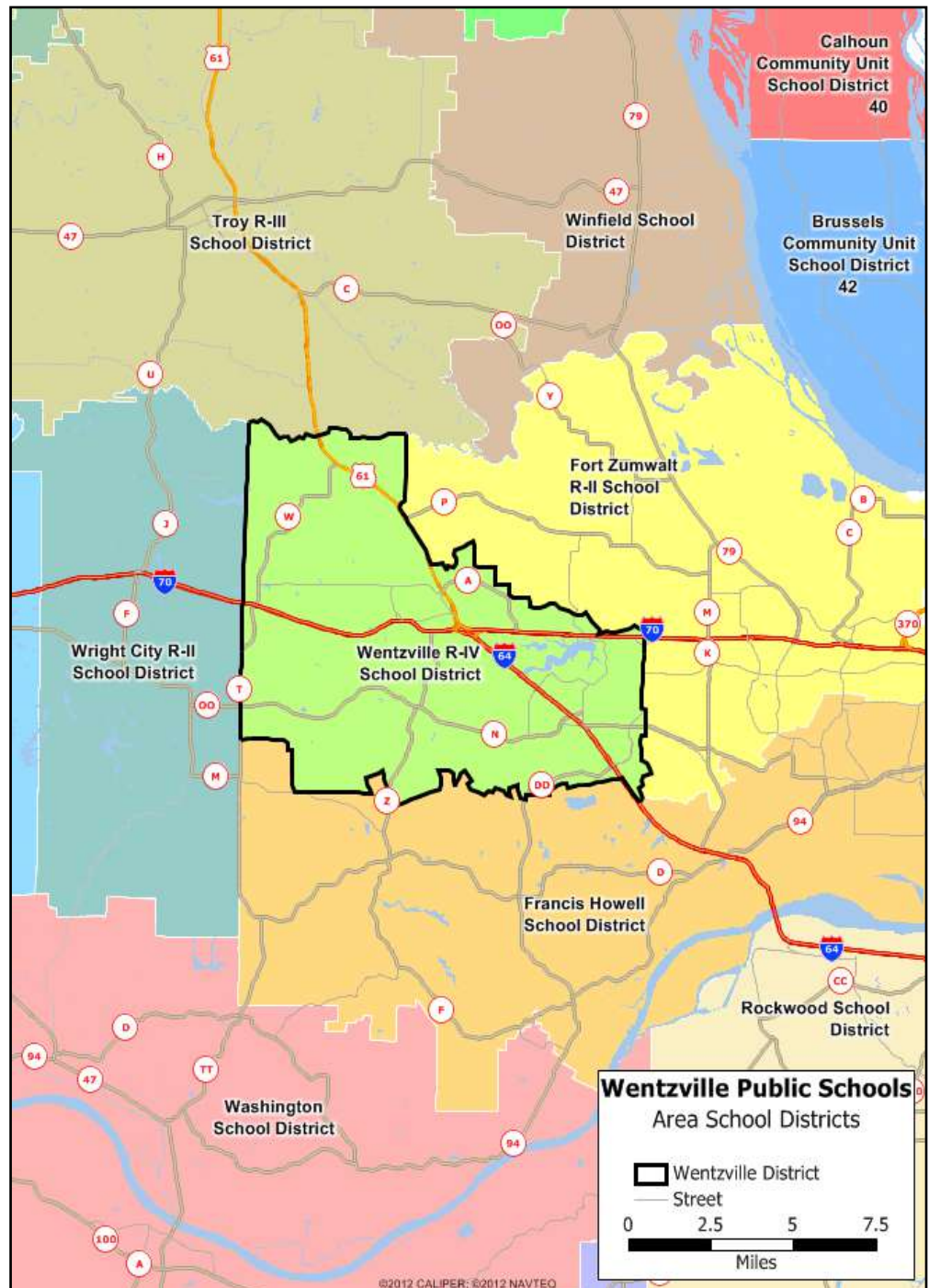
School	Grades	Projected 2022-23 Enrollment	2016-17 Square Footage per Building	Additional Square Footage Needed	New Sq Footage Total	Gross Square Footage per Student	Square Footage Per Student Standard	Variance	Square Footage Advantage/ Disadvantage	Estimated Enrollment Capacity	Additional Number of Students Possible
Boone Trail Elementary	K-6	959	88,830	23,400	112,230	117	117	0	0.0%	959	0
Crossroads Elementary	K-6	777	90,760	150	90,910	117	117	0	0.0%	777	0
Discovery Ridge Elementary	K-6	1,279	100,211	49,400	149,611	117	117	0	0.0%	1,279	0
Duello Elementary	K-6	750	101,215	-	101,215	135	117	18	15.3%	865	115
Golden Gate Elementary	K-6	888	100,211	3,700	103,911	117	117	0	0.0%	888	0
Green Tree Elementary	K-6	737	83,133	3,100	86,233	117	117	0	0.0%	737	0
Heritage Elementary/Intermediate	K-6	1,451	159,014	10,700	169,714	117	117	0	0.0%	1,451	0
Highway Z Elementary	K-6	864	100,211	920	101,131	117	117	0	0.0%	864	0
Lakeview Elementary	K-6	920	100,211	7,400	107,611	117	117	0	0.0%	920	0
Peine Ridge Elementary	K-6	793	91,510	1,300	92,810	117	117	0	0.0%	793	0
Prairie View Elementary	K-6	729	90,900	-	90,900	125	117	8	6.6%	777	48
Frontier Middle	7-8	1,035	173,754	-	173,754	168	135	33	24.4%	1,287	252
Wentzville Middle	7-8	1,204	125,158	37,400	162,558	135	135	0	0.0%	1,204	0
Wentzville South Middle	7-8	1,037	132,555	7,500	140,055	135	135	0	0.0%	1,037	0
Holt High	9-12	2,504	268,409	132,300	400,709	160	160	0	0.0%	2,504	0
Liberty High	9-12	1,953	286,595	25,900	312,495	160	160	0	0.0%	1,953	0
Timberland High	9-12	2,097	259,707	75,800	335,507	160	160	0	0.0%	2,097	0
17		19,977	2,352,384	378,970	2,731,354					20,393	416

DEMOGRAPHICS PROFILE

The Wentzville School District covers approximately 90.3 sq. miles in the western St. Louis metro area. It is surrounded by four other school districts adjacent to it and includes parts of six municipalities. The school district is contained entirely within St. Charles County, Missouri.

Figure 23 compares the population growth at the cities within the Wentzville School district, along with several other nearby school districts. (No 1970 or 1980 Census data is available for the school district populations, but we include estimates from our data sources.) Between 2000 and 2010, the population in the Wentzville School District increased by 121.3 percent, or about 12 percent per year. To give some perspective on this growth, the population in the United States increased nationally by 9 percent between 2000 and 2010, or 0.9 percent per year. So the Wentzville School District population grew as much in one year as the US population grew in a decade. By 2025, the

Figure 22. School districts near the Wentzville School District.



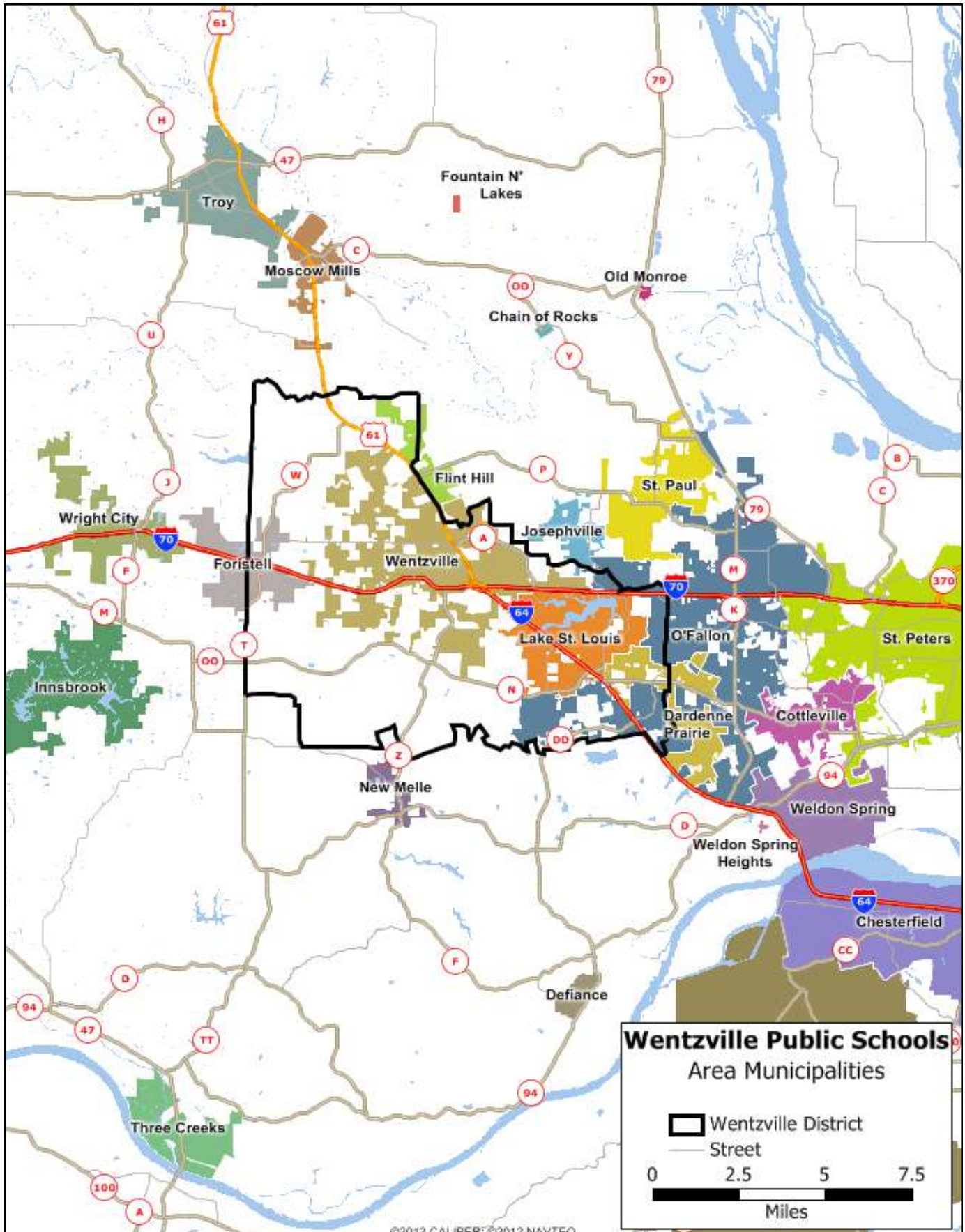
Wentzville School District is projected to grow at about 3.1 percent a year, so the strong population growth will still continue, but at a much slower rate.

There is a relationship in the Wentzville School District to added population or new housing and new school enrollment. For example, in 2000-2010, the school district population increased by 39,130 persons. Enrollment increased during that period by 6,383 students. That means that for every six persons who moved into the district, there was one new student. This is the same ratio that we see in other population-growing districts. The district's population is projected to increase during the next decade by 26,083 persons. Based on the previous student ratio, enrollment should increase by a total of about 4,140 students from the 2014-15 total. Enrollment has already increased by 2,100 since 2010, so that is very much at the same pace as growth has occurred during the last five years. In fact, our low-end projection has the district enrollment growing even faster than that pace by more than 1,200 students. We are predicting a high-end enrollment growth of more 4 percent per year, with a top-end enrollment of 23,180 by 2026-27.

Figure 23. Total population growth in the Wentzville School District, and the nearby cities and school districts, 1970-2010 Census population and projected population for 2020 and 2025.

Geography	1970	1980	% Growth 1970-1980	1990	% Growth 1980-1990	2000	% Growth 1990-2000	2010	% Growth 2000-2010	Estimated 2015	% Growth 2010-2015	Projected 2020	% Growth 2015-2020 (Proj.)	Projected 2025	% Growth 2020- 2025 (Proj.)
Dardenne Prairie	249	614	146.6%	1,769	188.1%	4,384	147.8%	11,494	162.2%	12,694	10.4%	13,894	20.9%	15,192	9.3%
Foristell	66	119	80.3%	144	21.0%	331	129.9%	505	52.6%	696	37.8%	807	59.8%	907	12.4%
Josephville	88	58	-34.1%	445	667.2%	270	-39.3%	376	39.3%	525	39.6%	650	72.9%	756	16.3%
Lake St. Louis	2,767	3,843	38.9%	7,400	92.6%	10,169	37.4%	14,545	43.0%	17,007	16.9%	19,750	35.8%	22,232	12.6%
O'Fallon	7,018	8,654	23.3%	18,698	116.1%	46,169	146.9%	79,329	71.8%	96,151	21.2%	105,674	33.2%	115,773	9.6%
St. Paul	497	607	22.1%	1,192	96.4%	1,634	37.1%	1,829	11.9%	1,591	-13.0%	1,825	-0.2%	2,048	12.2%
St. Peters	486	15,700	3130.5%	45,779	191.6%	51,381	12.2%	52,575	2.3%	57,638	9.6%	62,389	18.7%	67,838	8.7%
Troy	2,538	2,624	3.4%	3,811	45.2%	6,737	76.8%	10,540	56.4%	11,345	7.6%	12,391	17.6%	13,439	8.5%
Warrenton	2,057	2,624	27.6%	3,811	45.2%	5,281	38.6%	7,880	49.2%	7,614	-3.4%	8,136	3.2%	8,751	7.6%
Wentzville	3,223	3,193	-0.9%	5,088	59.3%	6,896	35.5%	29,070	321.5%	34,897	20.0%	41,310	42.1%	46,987	13.7%
Wright City	943	1,179	25.0%	1,250	6.0%	1,532	22.6%	3,119	103.6%	3,058	-2.0%	3,311	6.2%	3,568	7.8%
Fort Zumwalt R-II	20,593	36,842	78.9%	53,146	44.3%	84,705	59.4%	110,048	29.9%	117,787	7.0%	128,828	17.1%	140,765	9.3%
Growth Per Year			7.9%	16,304	4.4%	3,156	5.9%	2,816	3.3%	11,027	0.8%	3,756	2.1%	2,387	1.9%
Francis Howell R-III	14,577	38,283	162.6%	76,538	99.9%	105,905	38.4%	113,553	7.2%	118,234	4.1%	126,148	11.1%	136,179	8.0%
Growth Per Year			16.3%	38,255	10.0%	2,937	3.8%	850	0.8%	4,110	0.5%	2,519	1.4%	2,006	1.6%
School District of Washington	16,715	21,250	27.1%	24,712	16.3%	28,950	17.1%	31,485	8.8%	32,116	2.0%	33,507	6.4%	34,895	4.1%
Growth Per Year			2.7%	3,462	1.6%	424	1.7%	282	1.0%	1,055	0.2%	404	0.8%	278	0.8%
Troy R-III	8,242	10,429	26.5%	14,411	38.2%	22,360	55.2%	33,238	48.6%	34,890	5.0%	38,110	14.7%	41,374	8.6%
Growth Per Year			2.7%	3,982	3.8%	795	5.5%	1,209	5.4%	4,177	0.6%	974	1.8%	653	1.7%
Warren County R-III	5,757	8,855	53.8%	11,357	28.3%	13,850	22.0%	18,599	34.3%	19,137	2.9%	20,595	10.7%	22,262	8.1%
Growth Per Year			5.4%	2,502	2.8%	249	2.2%	528	3.8%	1,762	0.3%	399	1.3%	333	1.6%
Wentzville R-IV	9,592	13,755	43.4%	23,244	69.0%	32,260	38.8%	71,390	121.3%	81,653	14.4%	95,345	33.6%	107,736	13.0%
Growth Per Year			4.3%	9,489	6.9%	902	3.9%	4,348	13.5%	16,464	1.6%	4,791	4.2%	2,478	2.6%
Wright City R-II	2,598	3,989	53.5%	5,573	39.7%	7,585	36.1%	10,768	42.0%	11,144	3.5%	12,156	12.9%	13,175	8.4%
Growth Per Year			5.4%	1,584	4.0%	201	3.6%	354	4.7%	1,186	0.4%	278	1.6%	204	1.7%
St. Charles County	31,834	37,379	17.4%	54,555	46.0%	283,883	420.4%	360,485	27.0%	384,387	6.6%	419,780	16.4%	458,539	9.2%
Growth Per Year			1.7%	17,176	4.6%	22,933	42.0%	8,511	3.0%	33,501	0.7%	11,859	2.1%	7,752	1.8%

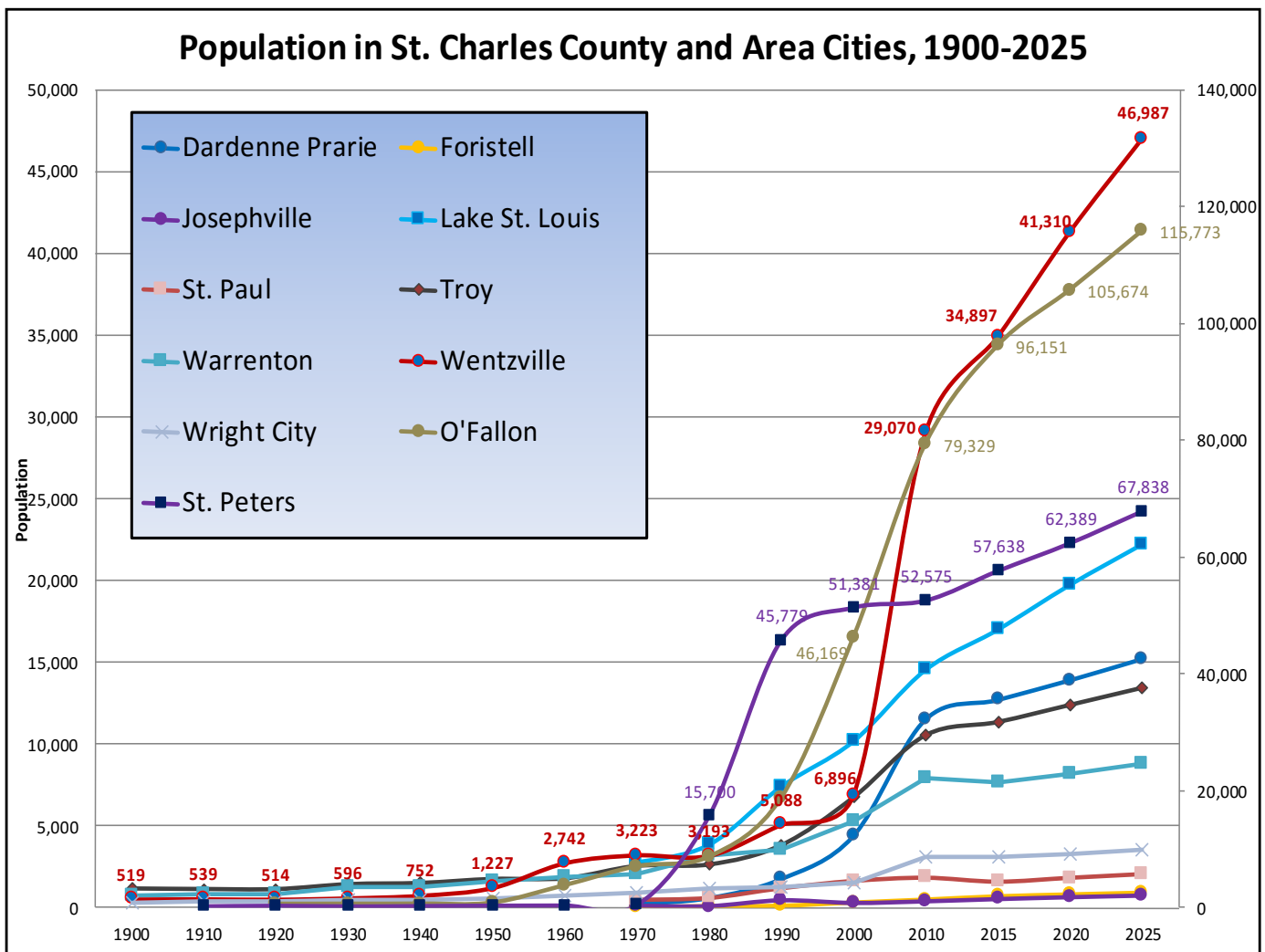
Figure 24. Municipalities within and near the Wentzville School District.



Historical data is a reliable, although not perfect, predictor of future population growth. Figure 25 shows population growth at St. Charles County, as well as area cities since 1900. From 1990 to about 2010, Wentzville has grown faster than any individual city in the area. O'Fallon comes closest to the growth curve at Wentzville.

Figure 24, on p. 28, shows the boundary for the Wentzville School District and all the municipalities contained within the district, and nearby. O'Fallon in particular has a very unusual city limits.

Figure 25. Population of St. Charles County, along with area cities, 1900-2025. The left axis is for the smaller cities and right axis for the population at the cities St. Peters and O'Fallon. The population growth at Wentzville has been the steepest of any of the area cities, and its growth since 2000 has been astronomical. The trend for the next 10 years has Wentzville's population growth continuing.

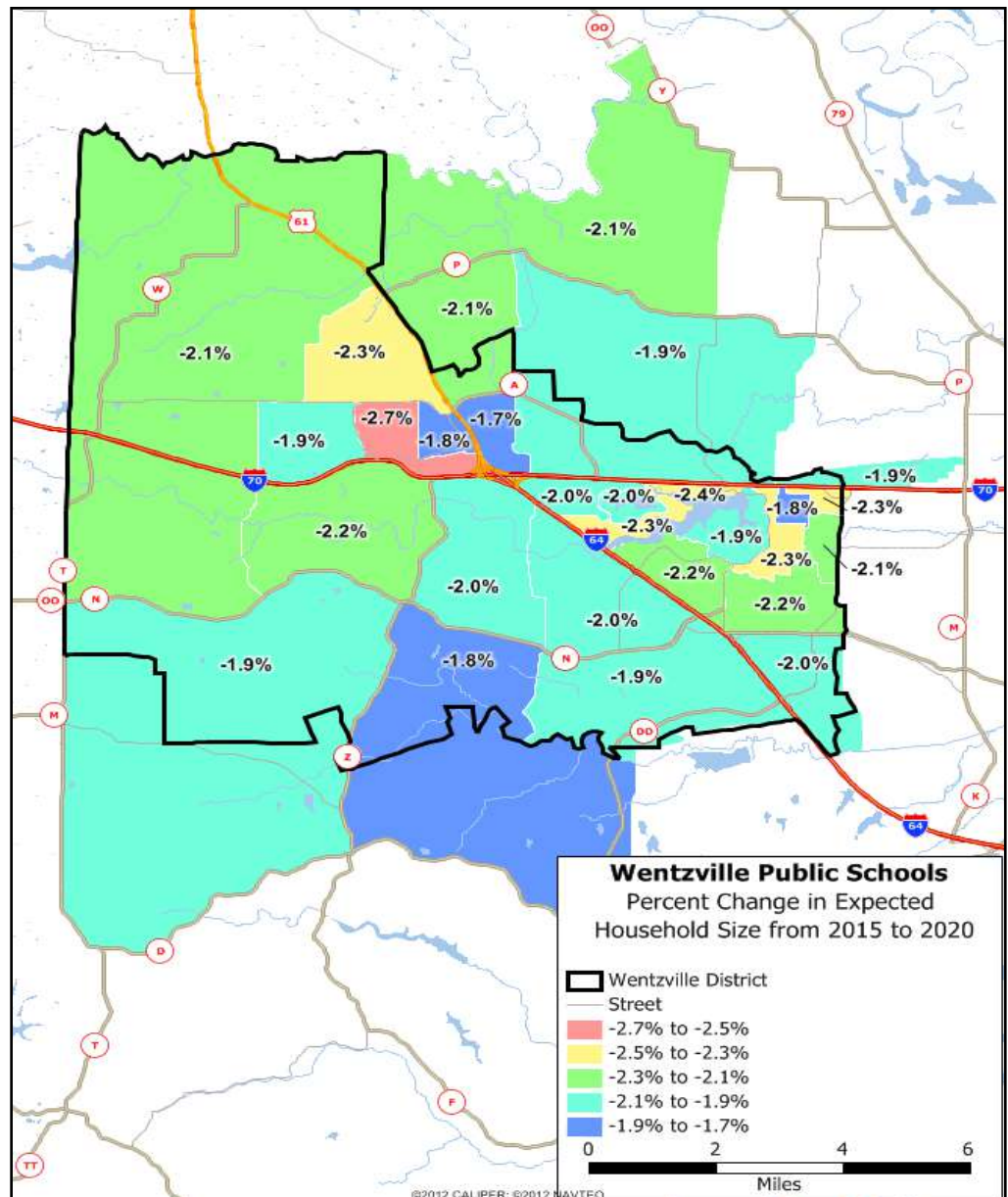


Each of the four maps on these two pages, as well as pp. 32-33, provides a piece of the basic demographic data and fill in many details.

Figure 26, below, shows the predicted change in average household size for the school district in 2020. As you can see, decreases in the average household size is widespread and most of the district is predicted to decrease slightly in most of the blocks. Our main data vendor predicts the district's average household size will decrease from 2.77 to 2.74 persons per household. The district's average household size is already significantly larger than the U.S. average of 2.58.

The opposite pattern holds for the change in the number of childbearing-age women. Throughout most of the district, the demographic data is showing a large increase in this factor, most areas by double-digit percentages. Our data vendor projects an overall increase of 4,567 childbearing-age women by 2026. This would be an increase of 31.6

Figure 26. Percent change in average household size, 2015-2020, in the Wentzville School District.



percent compared with the 2015 estimate. This is a strong, consistent increase in this factor. When this map, along with the previous one on p. 30, are taken together, they point to more females in the district, but a fewer number of them having children.

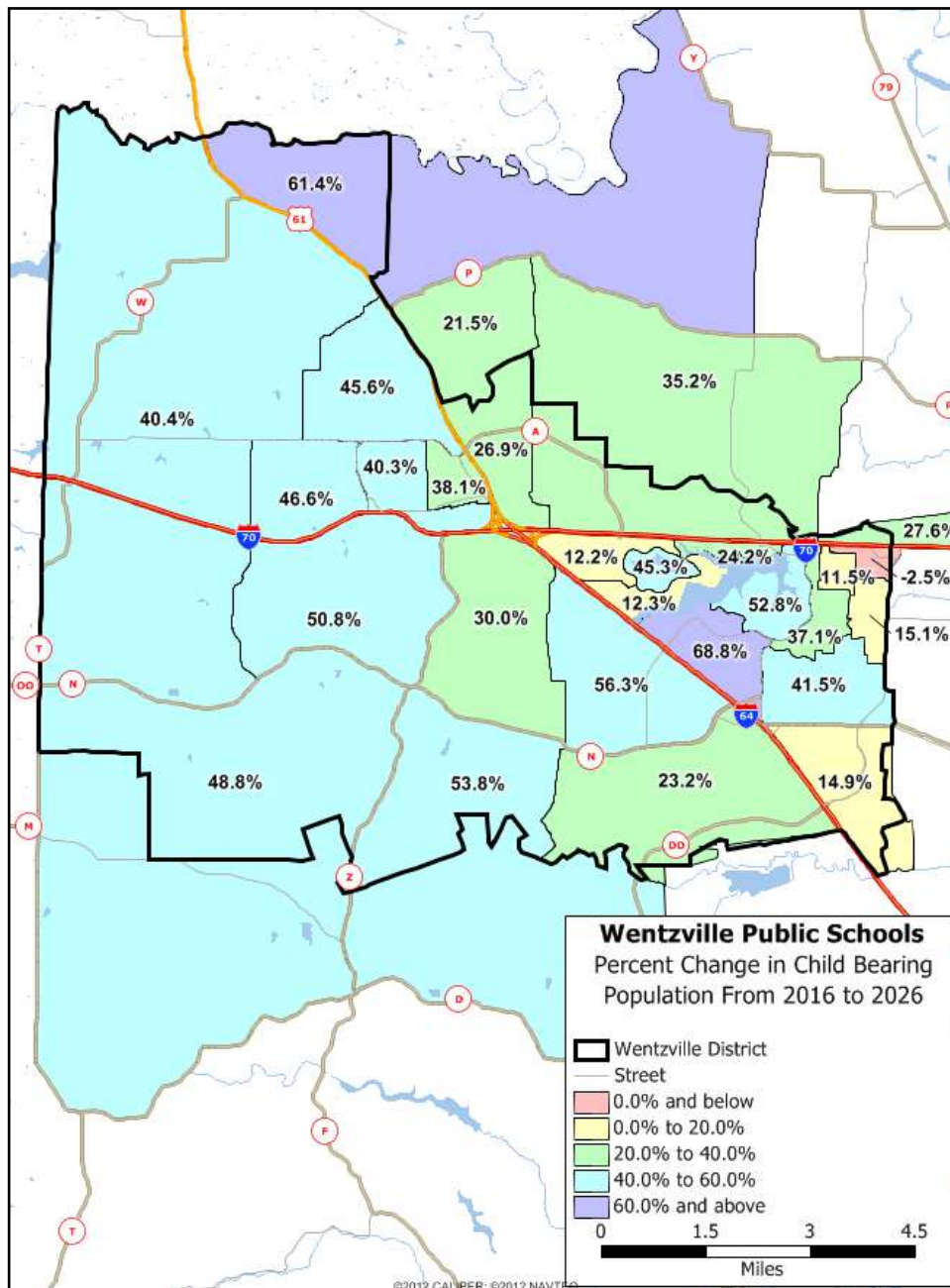
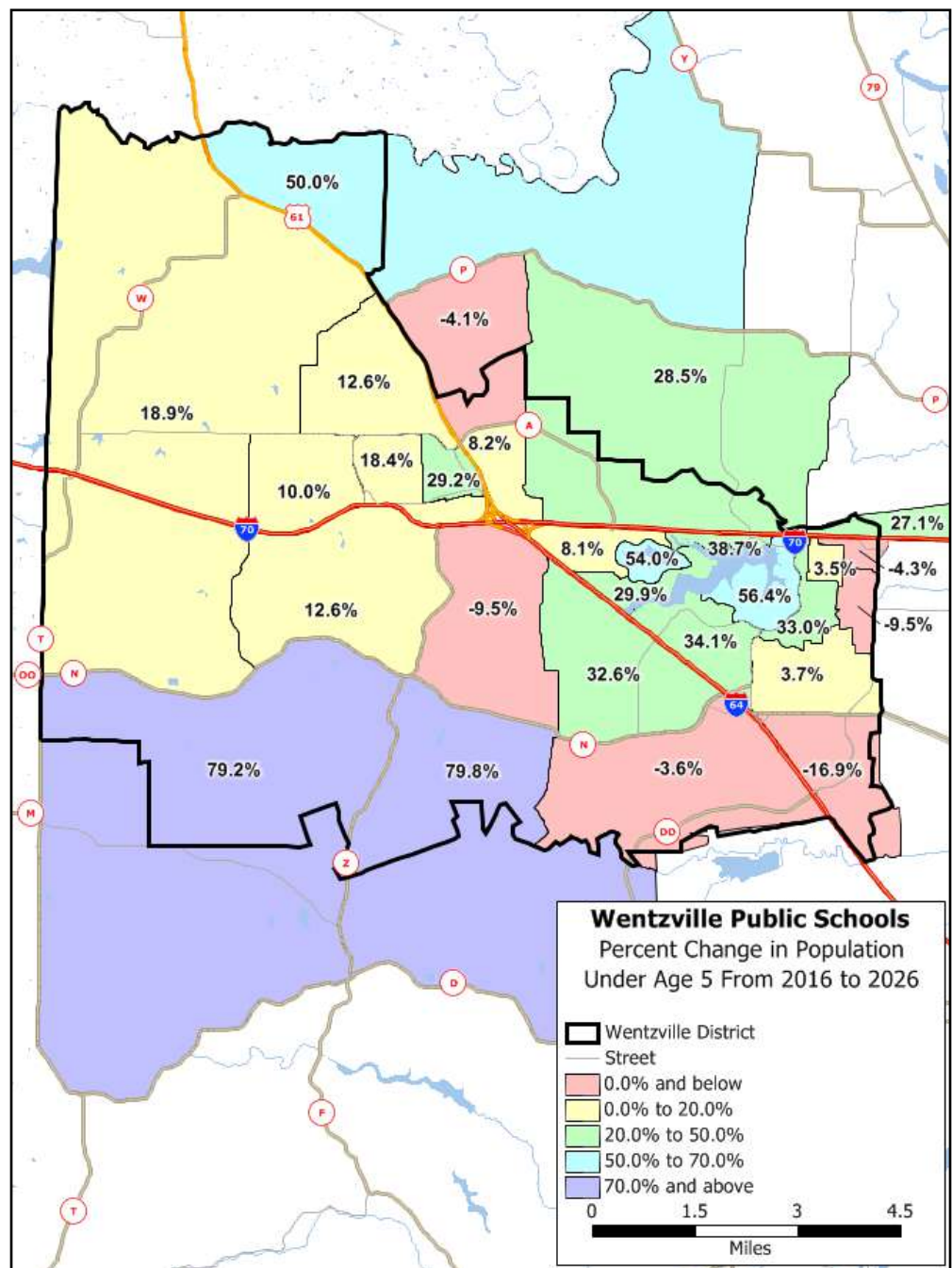


Figure 27. Percent change of the number of child-bearing age women, 2016-2026, in the Wentzville School District.

There is a real mixed bag for the under-5-year-old population in the district. Some areas show double-digit increases and others show double-digit decreases. Our key demographic data vendor projected district-wide there will be 389 more children under 5 years old in 2026 than live there today, a 6.8 percent increase. This is a full 10-percentage point swing from what the data showed only two years ago. The projected growth in the southern part of the district is particularly strong. There is a narrow path (orange) where the under-5-year-old cohort is anticipated to decrease.

Figure 28. Percentage of change in the number of children under five years old, 2016-2026, in the Wentzville School District.



Finally, Figure 29, below, points to a widespread area of much weaker increases in the number of school-age children in the district. Our data vendor predicts an increase of only 162 school-age children by 2026 compared with today.

When the series of these four maps are taken together, they point to continued enrollment growth during the next 10 years, but slower than has occurred during the last decade. In 2014, our projection models ranged from 18,493 to 19,915 overall enrollment by

2023. Today, our models range from 21,581 to 23,180 by 2026. Our low-end projection is a 3.5 percent increase during the next decade; the high-end projection is 4.5 percent growth per year overall and the medium-range projection is 4 percent per year.

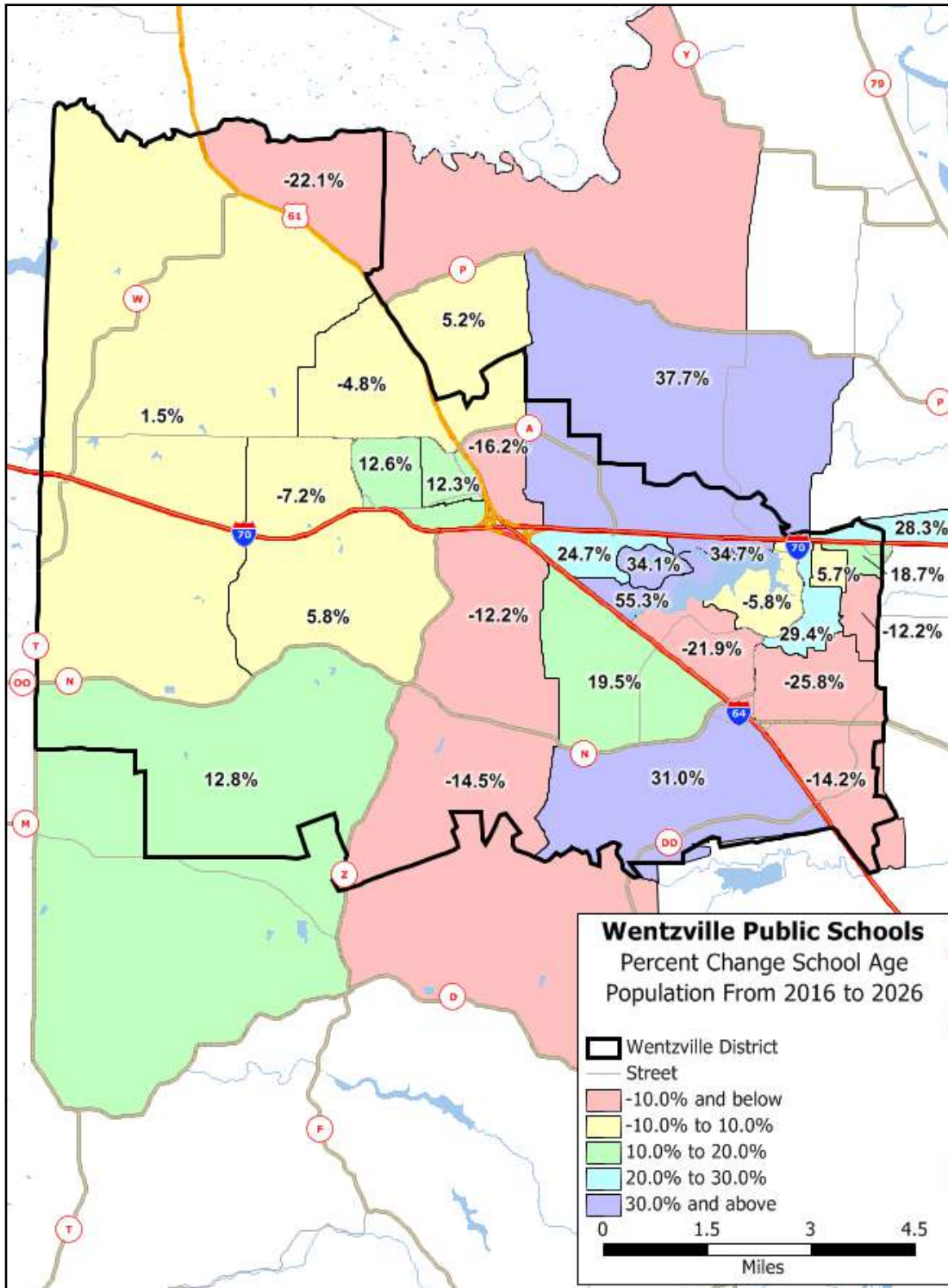


Figure 29. Percent change of the number of school-age children, 2016-2026, in the Wentzville School District.

ENROLLMENT PROFILE

Since most of our demographic map data shows percentage changes within areas, one of the first things we usually do when preparing an enrollment profile is to try to get a sense on where the current student population resides. The “green blot” maps on these two pages and elsewhere in the report show distributions of students. Figure 30, below, shows there is a large concentration of students within the center of the district. Figure 31, on p. 35, shows individual student counts by Census block.

Figure 30. Among all 2015-16 students in the district, there is a strong concentration of students in the center of the district in Duello attendance area, and other pockets in the eastern part of the district.

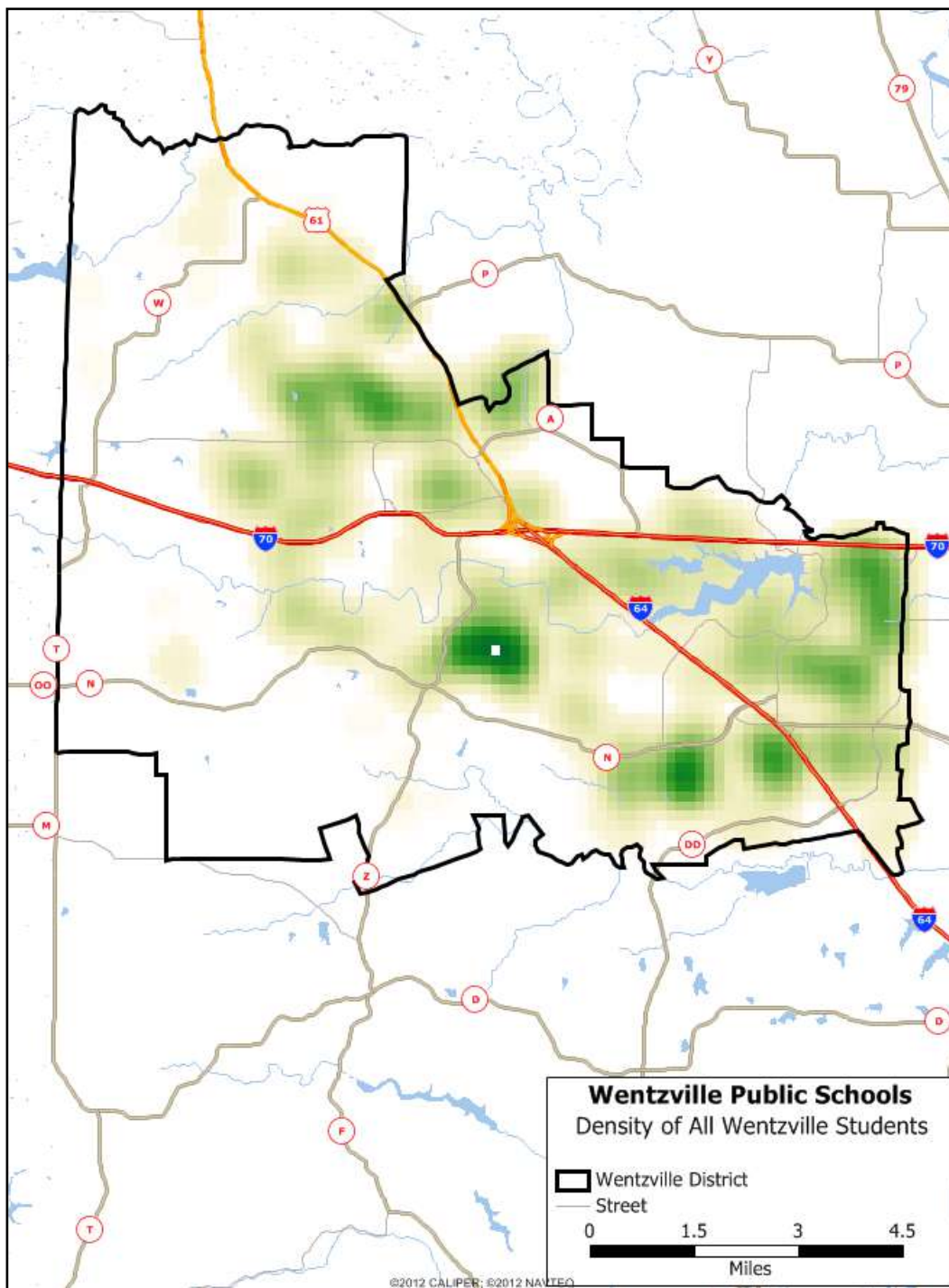


Figure 31. A close up of the number of students for the 2015-16 school year in that center area, showing more than 1,200 students are concentrated within a very small area below.

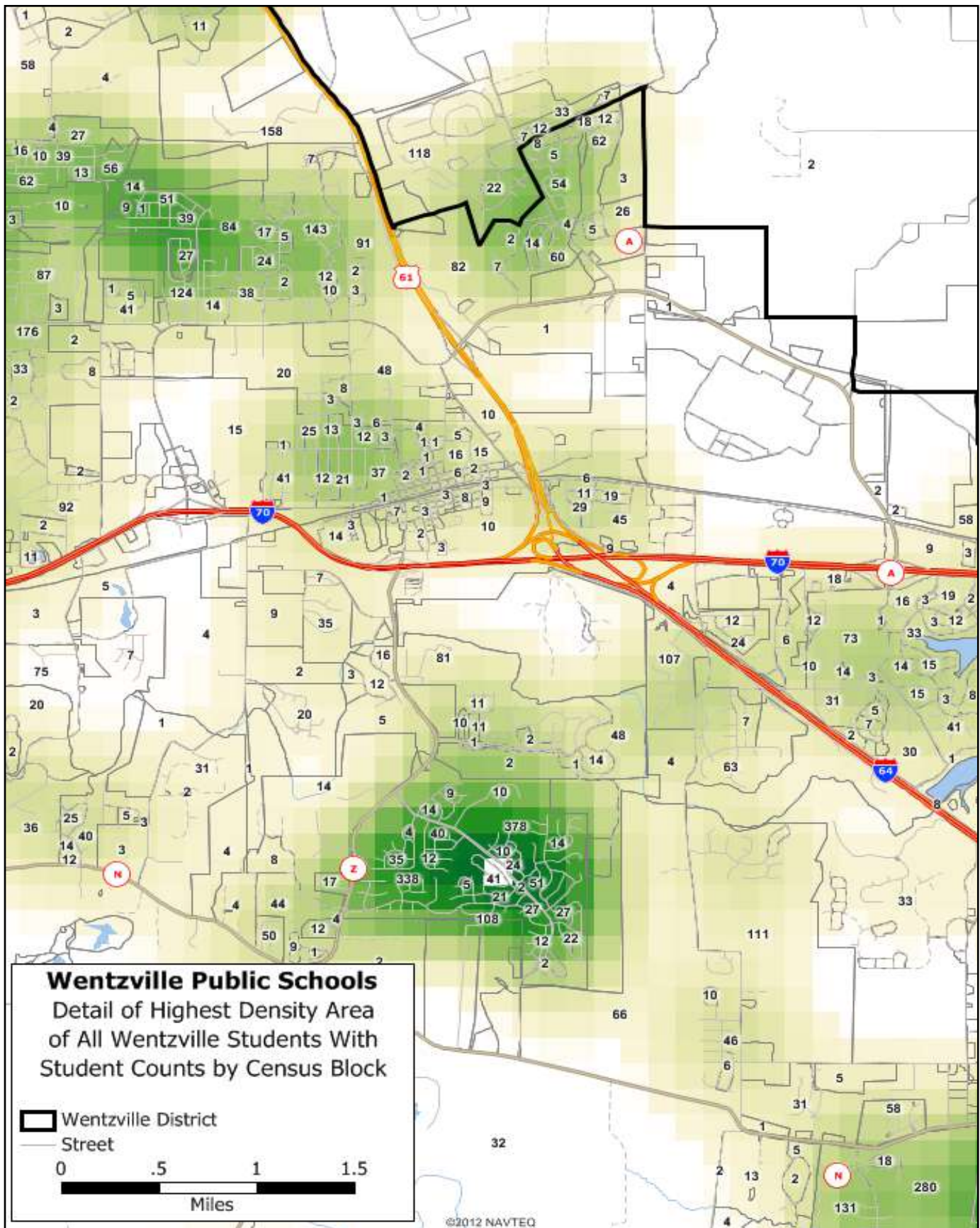


Figure 32. Overall 2015-16 elementary school student distribution. Besides the large concentration in the center of the district, there are other concentrations in Boone Trail, Prairie View and Discovery Ridge.

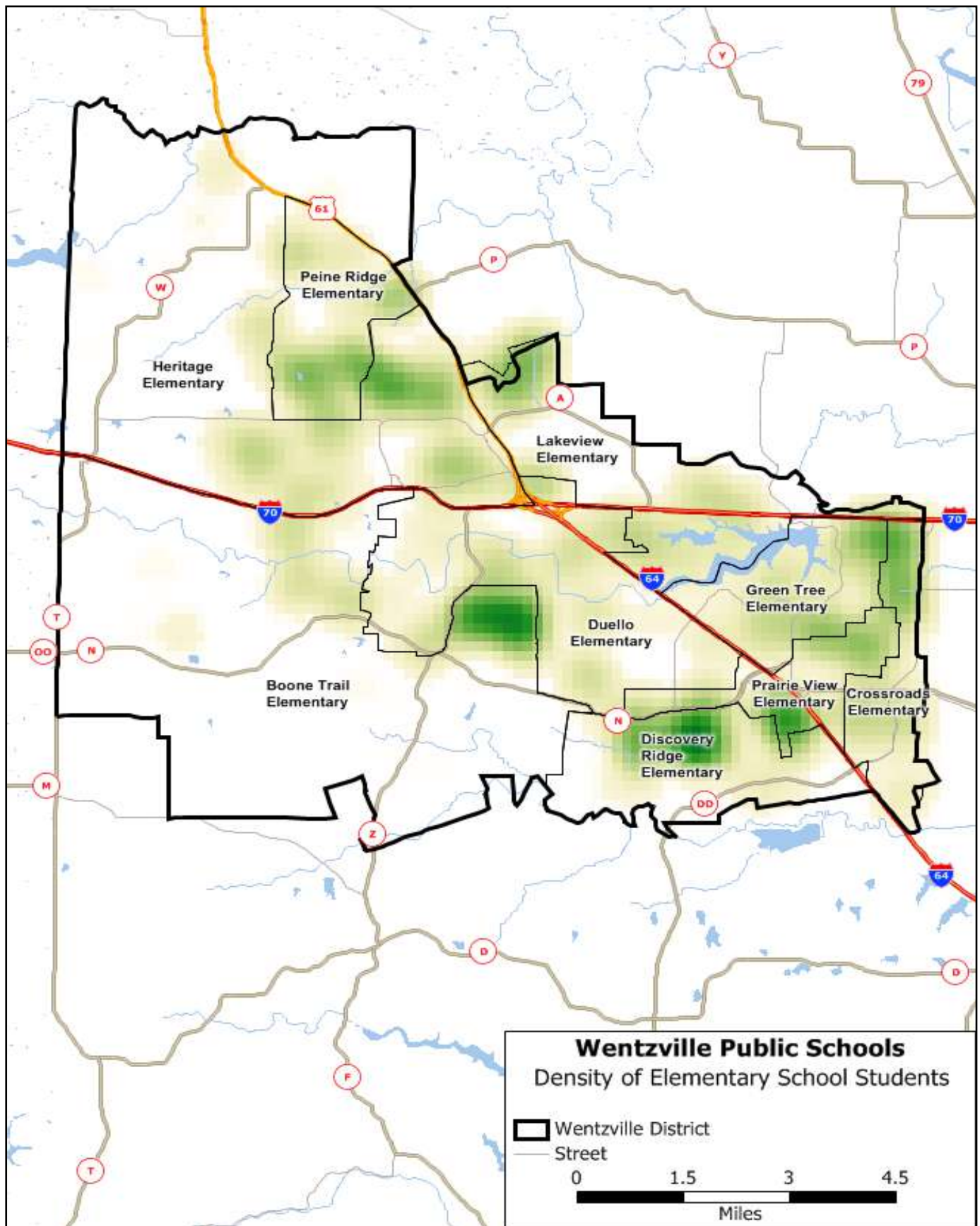


Figure 33. Close-up of 2015-16 elementary student distribution, showing more than 500 students in the core.

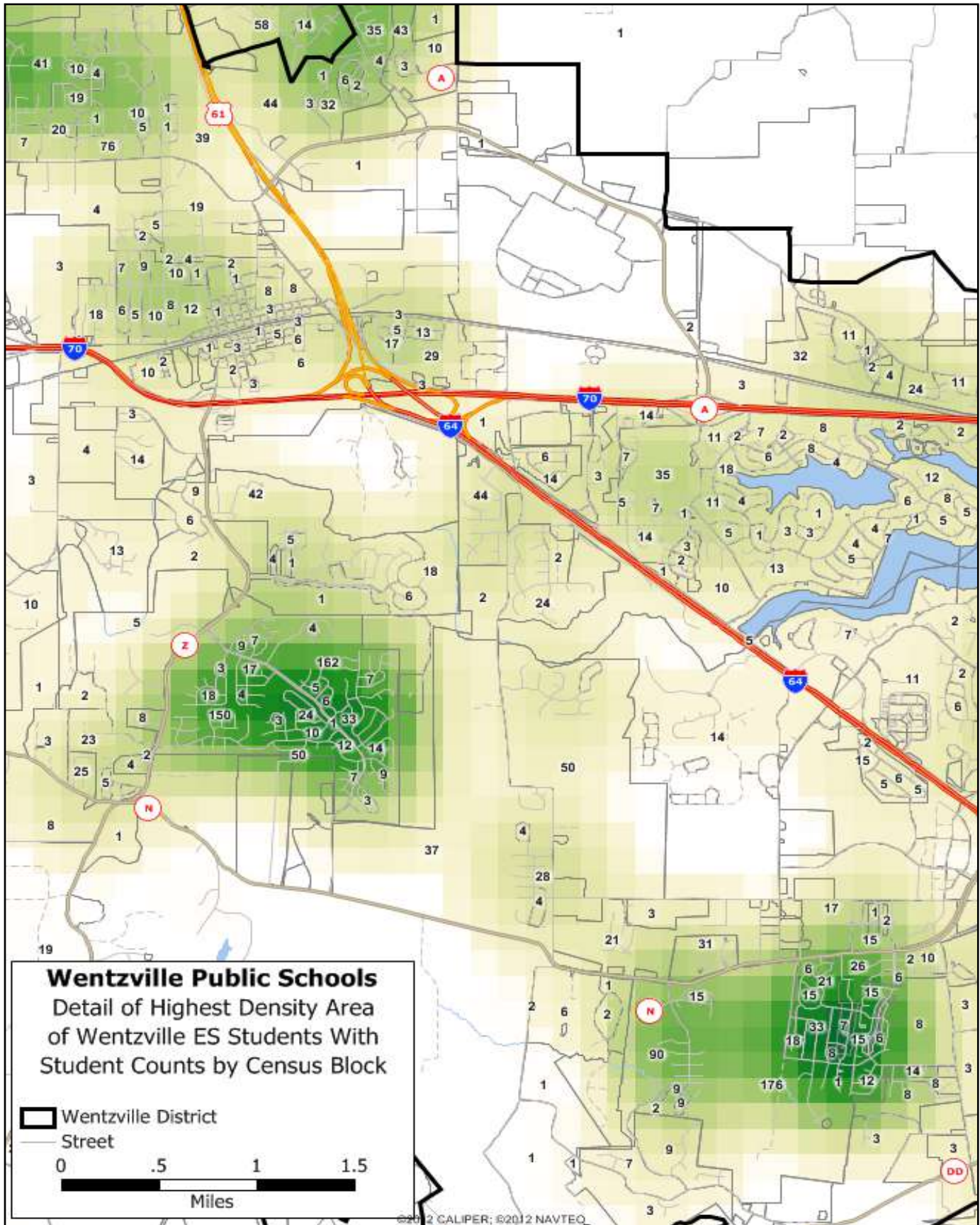


Figure 34. Overall 2015-16 middle school student distribution. The distribution of the middle school and high school students is similar, but there are fewer concentrated areas than there were with the elementary students.

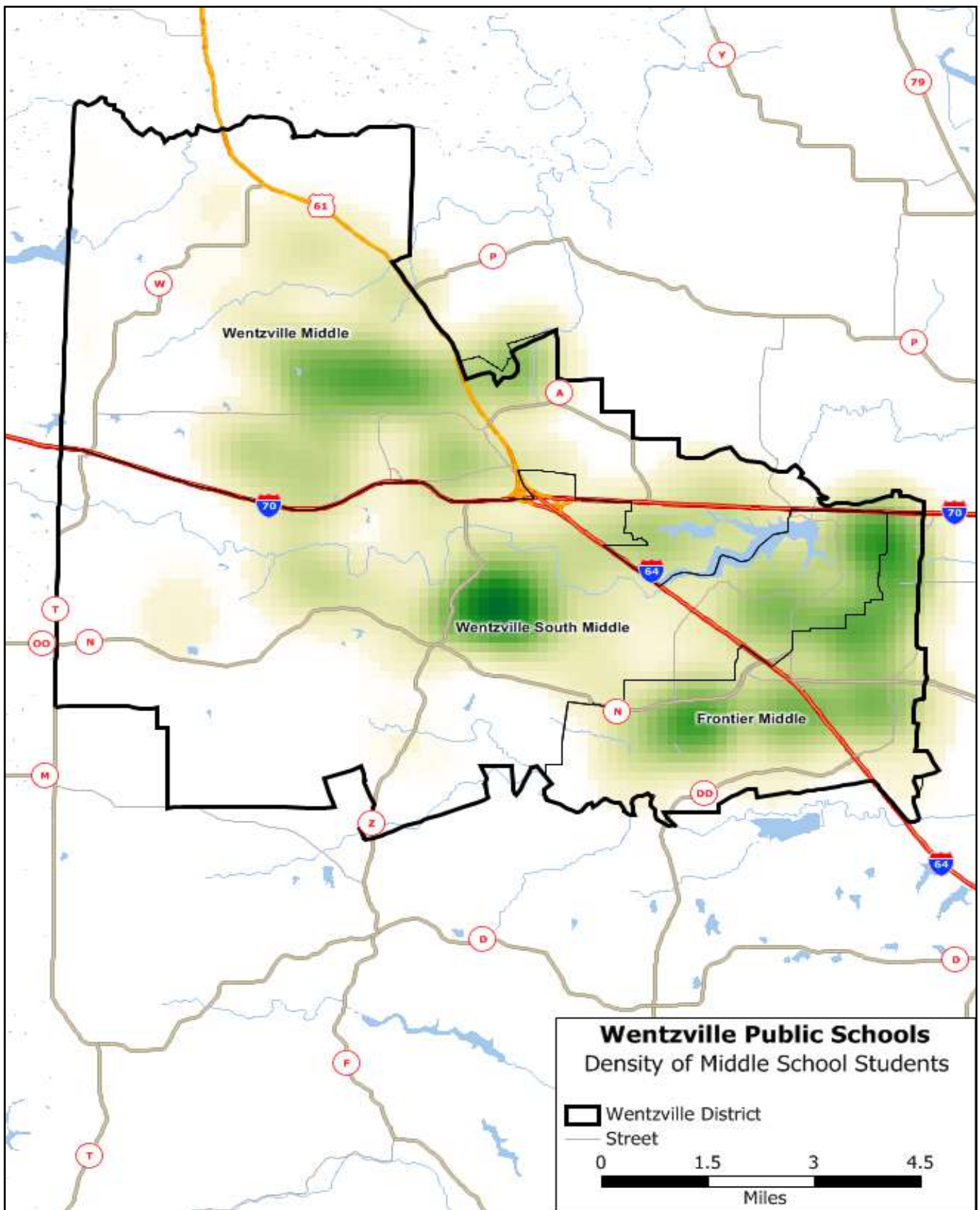
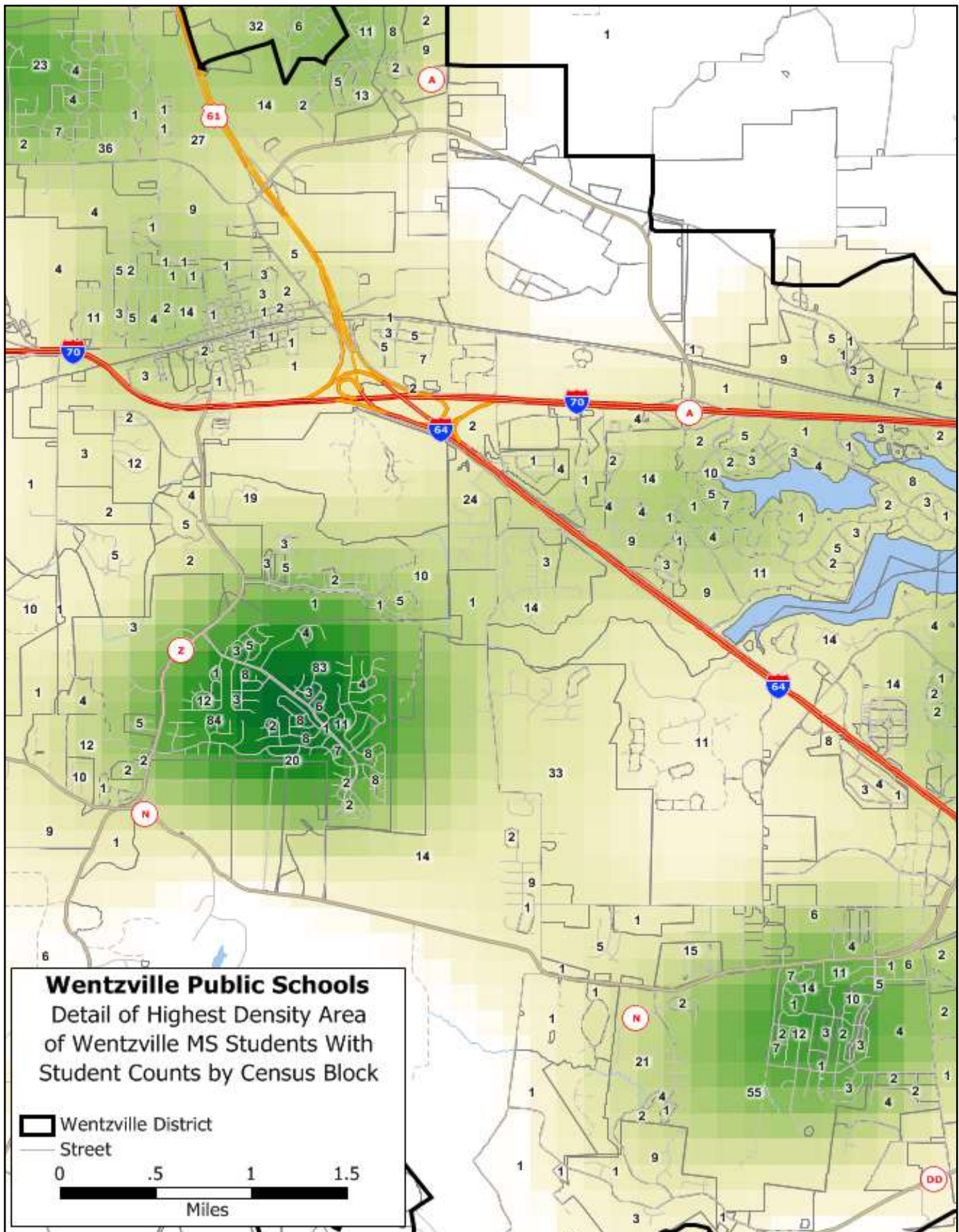
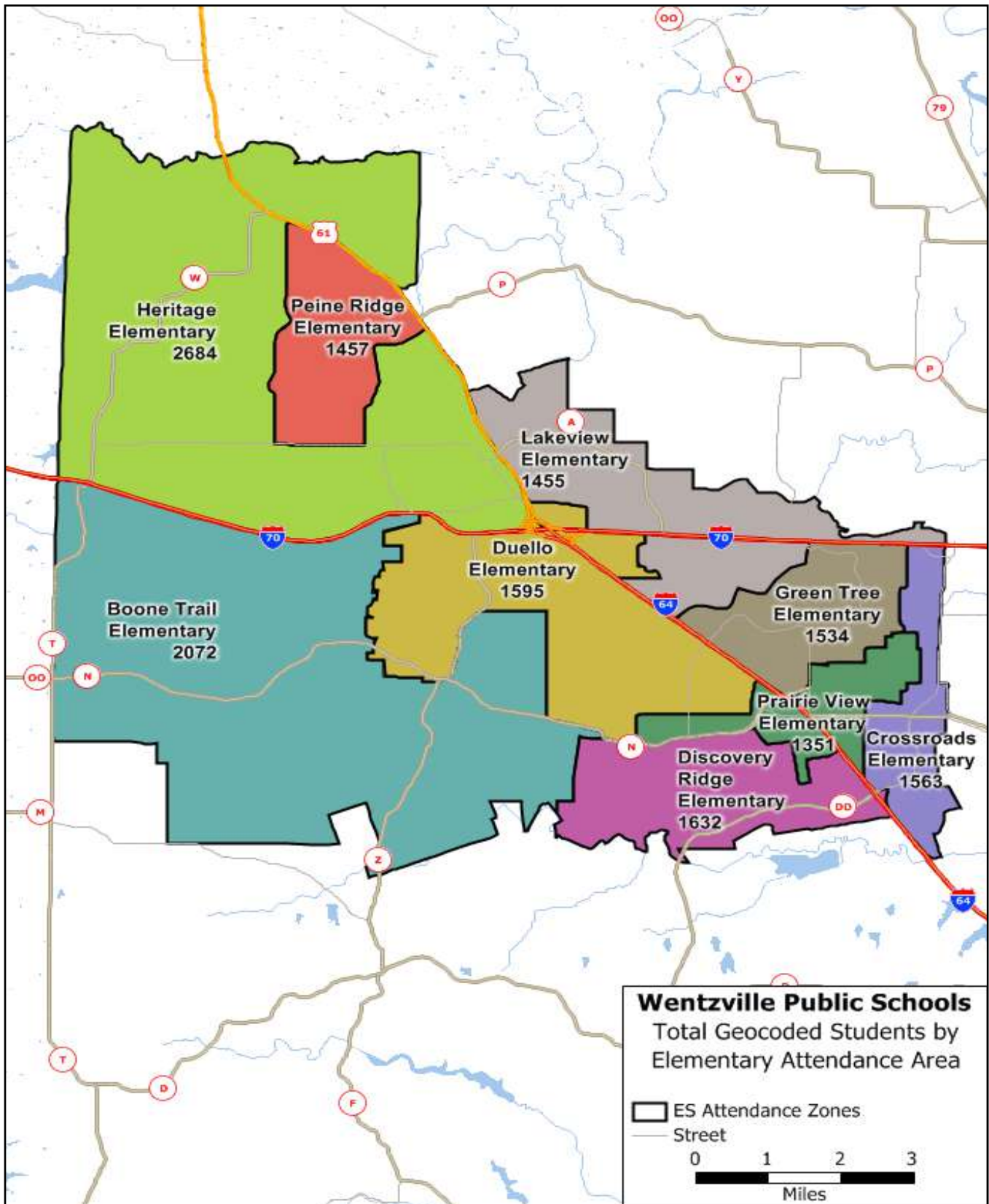


Figure 35. Overall 2015-16 close-up of the middle school student distribution.



All the demographic data in this study is based on subdivision and neighborhood population growth patterns and all of our student migration estimates are based on data we received from the district, which contained latitude and longitude coordinates for each student's address. The attendance zone maps on pp. 41 through 47 are based on the 2015-16 roster and the zones before redistricting was approved in December 2016. Since under the new redistricting plan approved by the board, there was no "grandfathering" allowed, which would permit students to continue to attend the same school they had been attending, regardless of what attendance area they lived.

Figure 36. Total number of K-12 students in the 2015-16 roster whose home addresses were matched on latitude/longitude coordinates for each elementary attendance area. The large areas at Heritage and Boone Trail have the largest number of students. This is based on the elementary areas before redistricting.



Wentzville R-IV School District

Figure 37. The map below shows, for example, that 44 students who live in the Heritage attendance area attend an elementary school other than the Heritage Elementary or Intermediate schools. The new attendance matrix, based on the district's redistrict plan, has decreased the number of students who should be attending a school other than the one in which they live in the attendance area. (See p. 78-79).

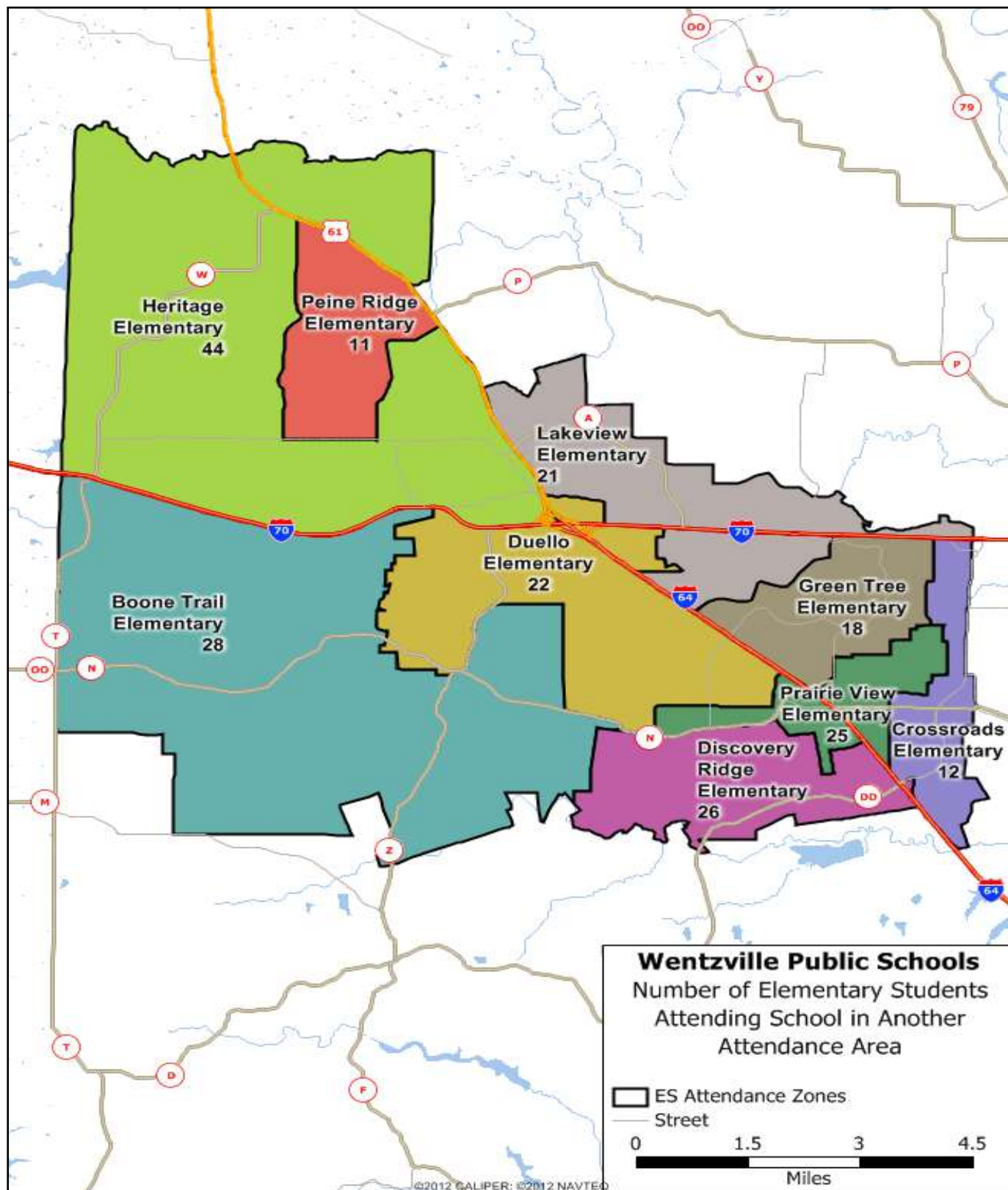


Figure 38. The map below is the opposite image of Figure 37 on p. 42. This shows, for example, that there are 24 students enrolled at Peine Ridge school who should not be, and the pie chart shows that the majority of those students live in the Heritage area in the 2015-16 roster under the old attendance areas.

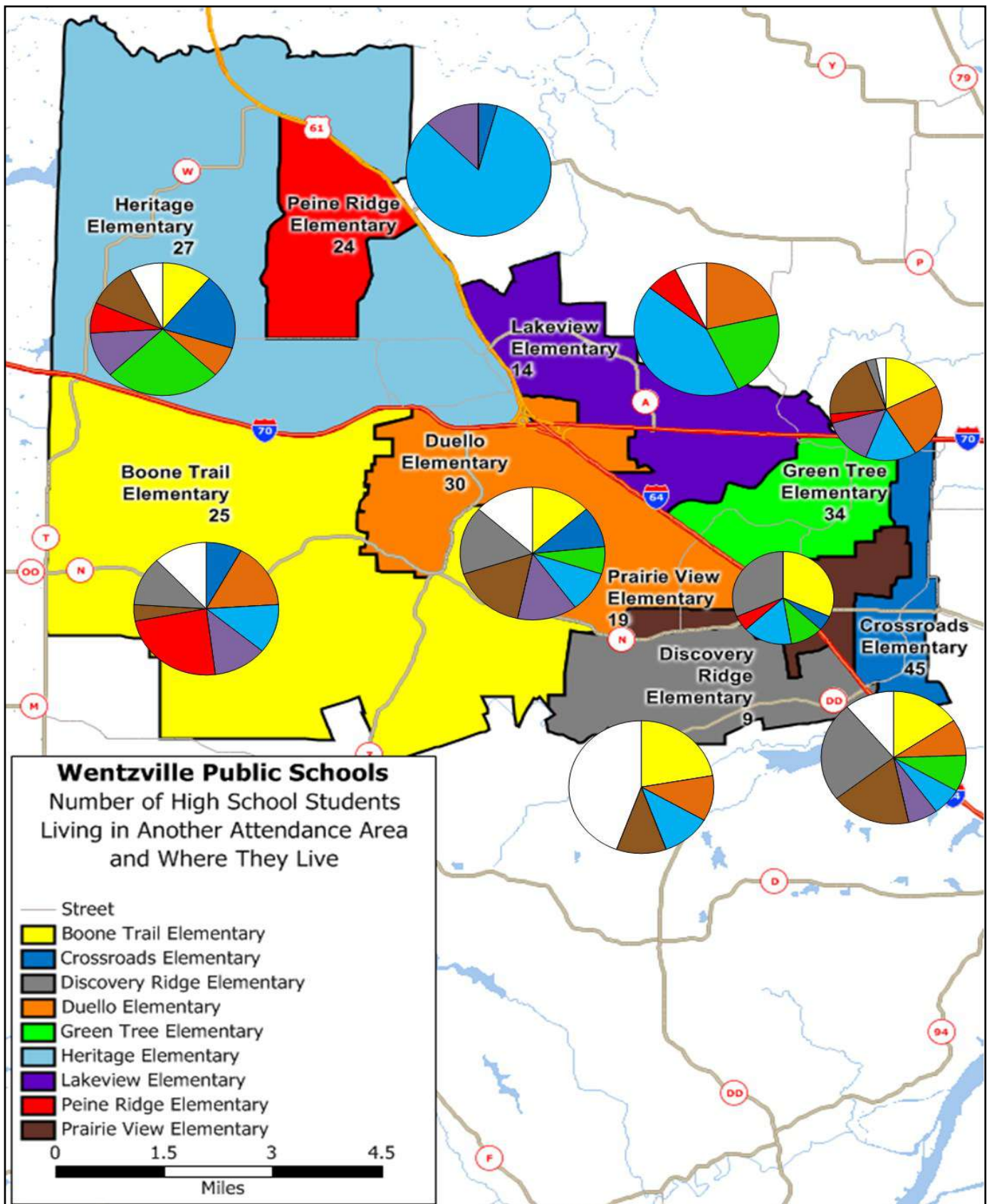


Figure 39. Number of middle school students who are attending schools other than the one in the attendance area that they live.

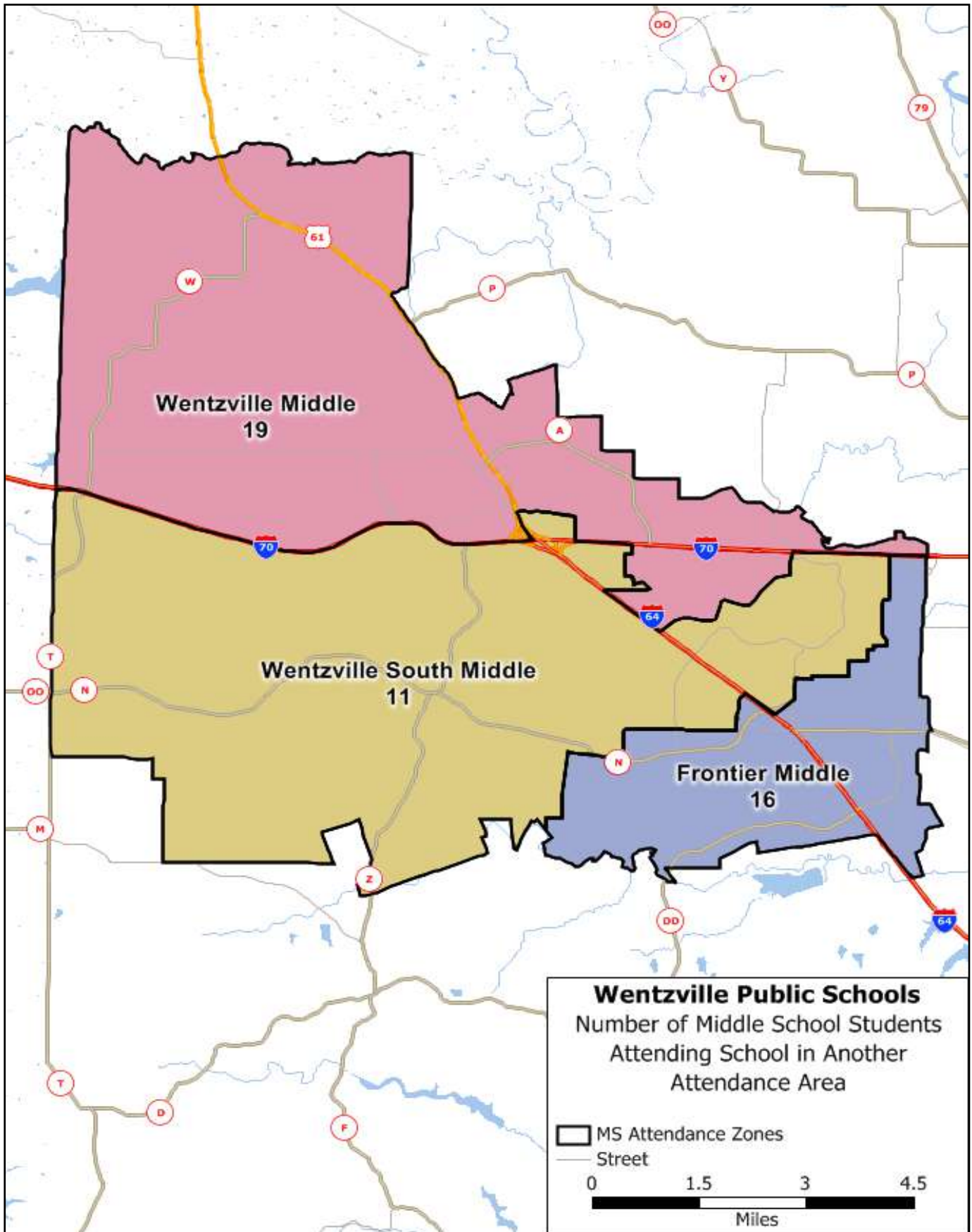


Figure 40. The map below is the opposite image of Figure 39 on p. 44. This shows, for example, that there are 36 students enrolled at Wentzville South Middle School who should not be. The pie chart shows that one-half of the students live in the Wentzville Middle School area.

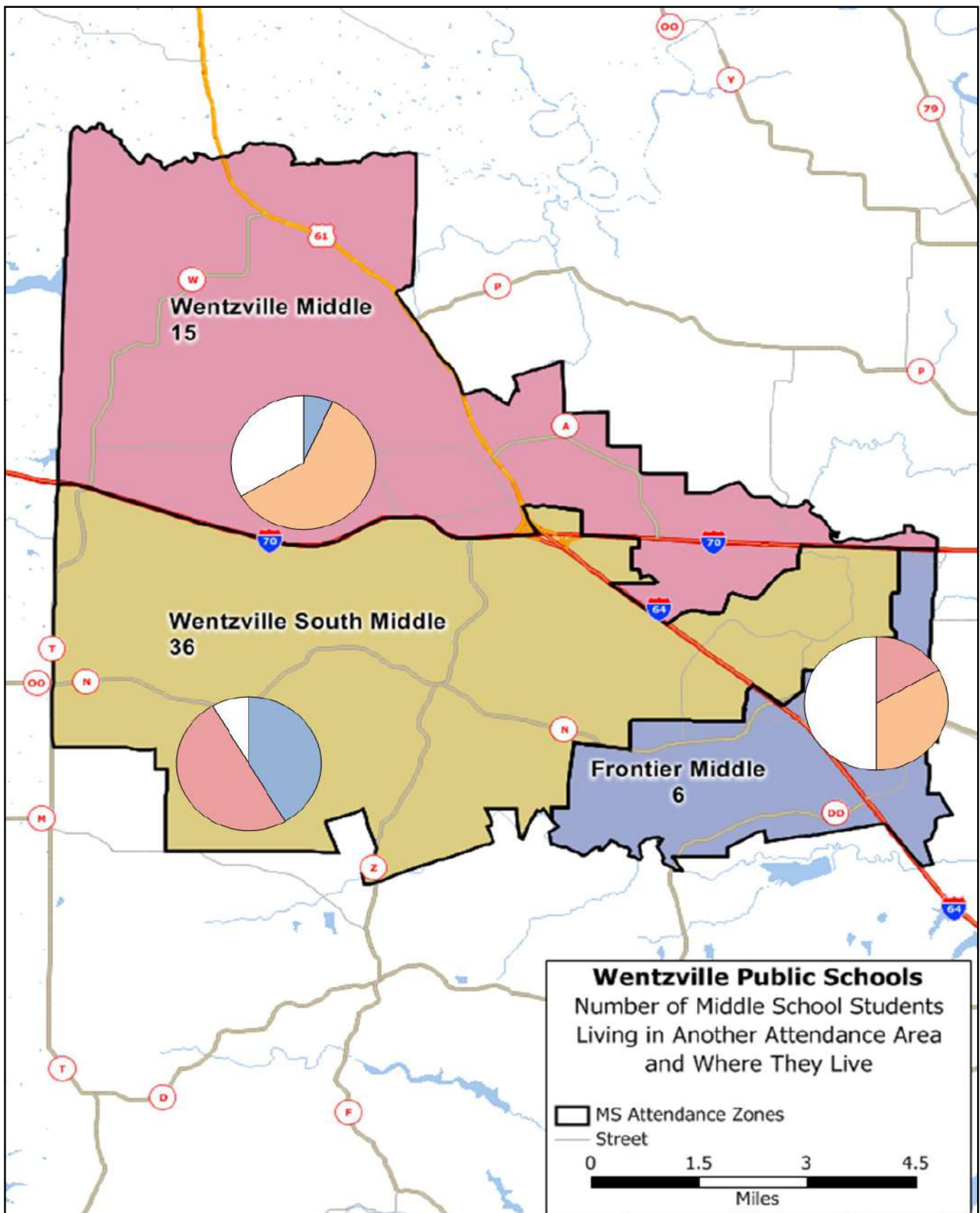


Figure 41. Number of high school students who are attending schools other than the one in the attendance area that they live. The new Liberty High is gradually adding grades. All of those students come from the old Timberland High attendance area.

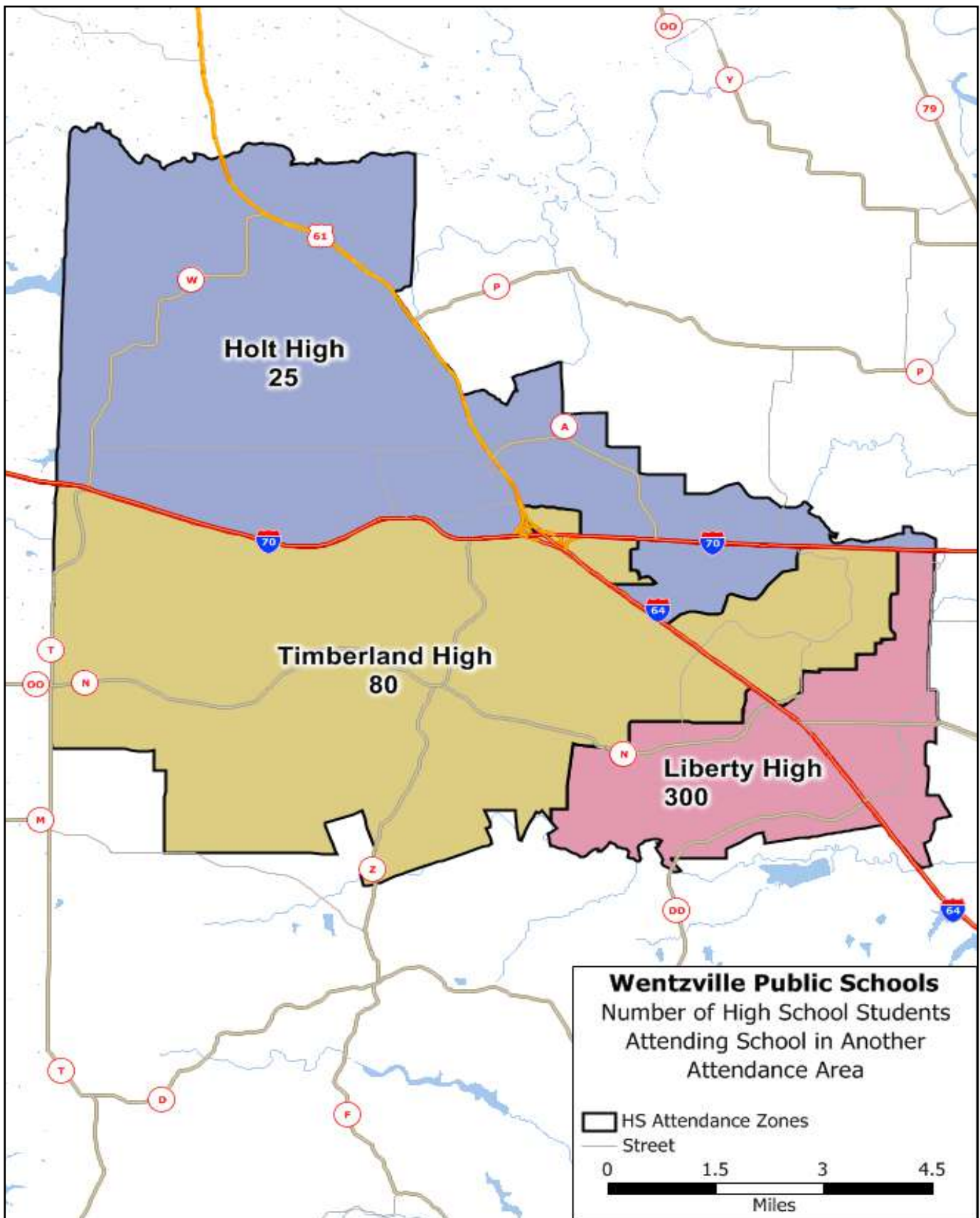
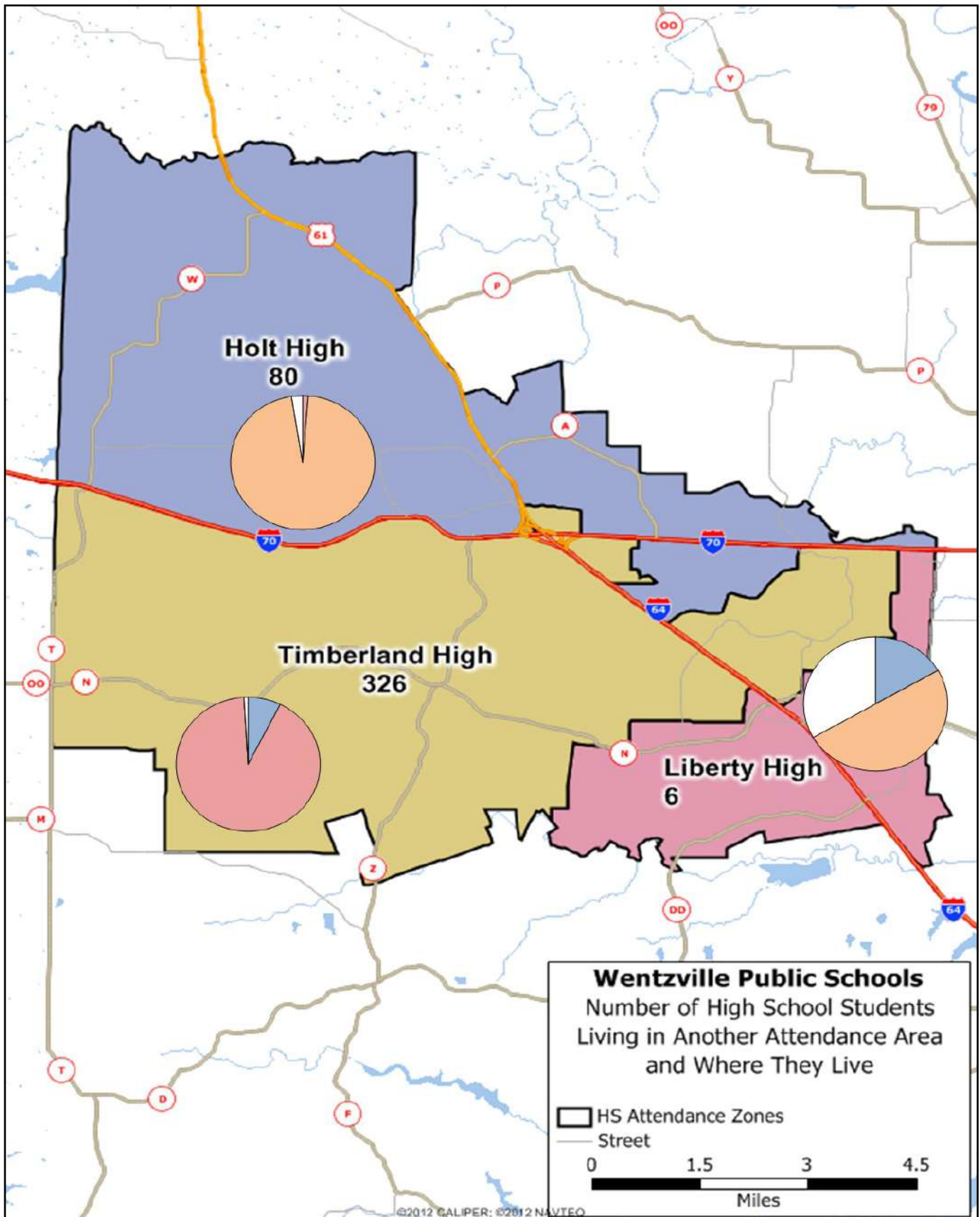


Figure 42. The map below is the opposite image of Figure 41, p. 46. This shows, for example, that there are 326 students enrolled at Timberland High who don't live there. Most live in the Liberty High area. With time, these students would be phased into attending the new Liberty High School.

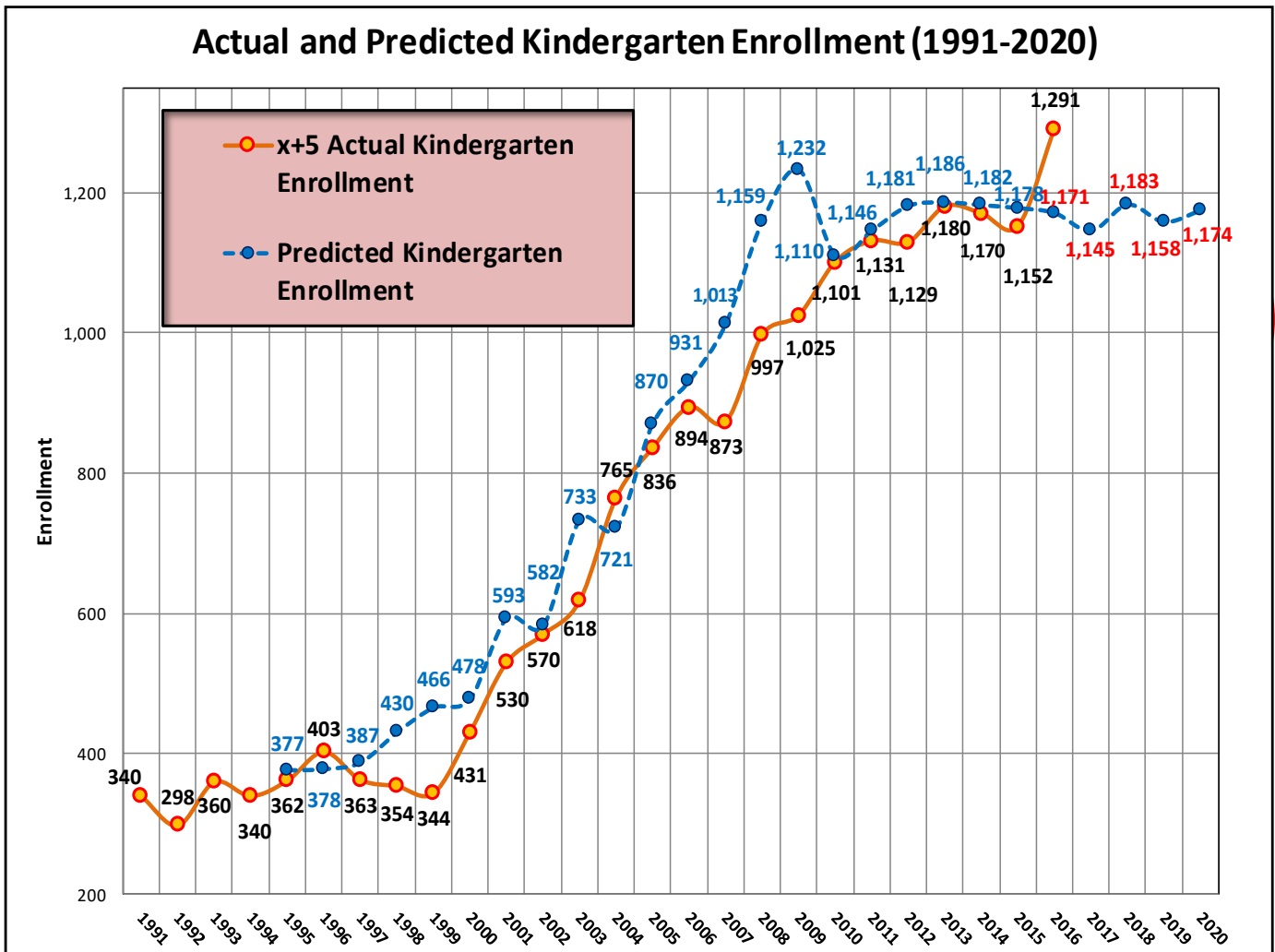


In some school districts, there is a high correlation between births in a county or city and Kindergarten enrollment five years later. In the Wentzville School District, since 2005, the predictability was 0.1996 and a correlation rate of 0.4468 between the predicted and actual Kindergarten enrollment. (A rate of 1.0 would mean that for every time there is a birth in the district, there would be a Kindergartener enrolled five years later in the Wentzville schools.) We received actual birth data for 2011, 2012, 2013 and 2014, and developed estimated birth rates for the years since 2005. The graph in Figure 44, on p. 49, shows how poor a predictor births were before 2005 and how it drastically improved since then because of the improved birth data. Until the fall 2016 actual enrollment of 1,291 students, the predictability was 0.89. However, because the Kindergarten actual enrollment was so far out of the previous models, and is still an outlier statistically, the overall predictability of the model now has fallen from 89 percent to only 19.96 percent.

Figure 43. Actual Kindergarten enrollment and predicted enrollment in the Wentzville School District. The prediction model before 2005 is based on aggregate births in the key ZIP codes in the district, but since 2005, the model is based on actual births in the district for 2011, 2012, 2013 and 2014 and estimated totals based on ratios. The 2016 Kindergarten enrollment does not fit the model at all.

Year of Births	Actual Births	Beginning Year (x) of Kindergarten Enrollment	x+5 Actual Kindergarten Enrollment	Predicted Kindergarten Enrollment	Variance Actual vs Predicted Kindergarten	Overall Enrollment
1986		1991	340		340	4,388
1987		1992	298		298	4,611
1988		1993	360		360	4,740
1989		1994	340		340	4,839
1990	934	1995	362	377	-15	4,977
1991	936	1996	403	378	25	5,309
1992	948	1997	363	387	-24	5,399
1993	1,003	1998	354	430	-76	5,559
1994	1,048	1999	344	466	-122	5,742
1995	1,064	2000	431	478	-47	5,989
1996	1,211	2001	530	593	-63	6,401
1997	1,197	2002	570	582	-12	6,999
1998	1,390	2003	618	733	-115	7,788
1999	1,375	2004	765	721	44	8,718
2000	1,566	2005	836	870	-34	9,640
2001	1,644	2006	894	931	-37	10,495
2002	1,748	2007	873	1,013	-140	11,104
2003	1,935	2008	997	1,159	-162	11,642
2004	2,029	2009	1,025	1,232	-207	12,125
2005	1,006	2010	1,101	1,110	-9	12,631
2006	1,087	2011	1,131	1,146	-15	13,103
2007	1,167	2012	1,129	1,181	-52	13,660
2008	1,178	2013	1,180	1,186	-6	14,222
2009	1,169	2014	1,170	1,182	-12	14,769
2010	1,160	2015	1,152	1,178	-26	15,344
2011	1,144	2016	1,291	1,171	120	15,869
2012	1,086	2017		1,145		
2013	1,171	2018		1,183		
2014	1,115	2019		1,158		
2015	1,152	2020		1,174		

Figure 44. Relationship between Kindergarten enrollment and projected Kindergarten enrollment, between 1991 and 2020.



Some types of demographic data is available only by ZIP codes. Figure 208 on p. 135 shows the latest ZIP code configurations from the U.S. Postal Service. (ZIP codes boundaries are changed based on population changes.) All the birth data is grouped by ZIP codes, and shown on the maps on the following pages.

Most of the data in the maps is based on Census block groups, but like the ZIP codes, the block areas extend beyond the district's boundary. See Figure 207 on p. 134 to see the full area of the Census block group. So keep this in mind when you review the data in the maps, since the numbers shown actually include areas that extend beyond the district's boundary.

Figure 45. Total change in births, by ZIP code, 2004-2014.

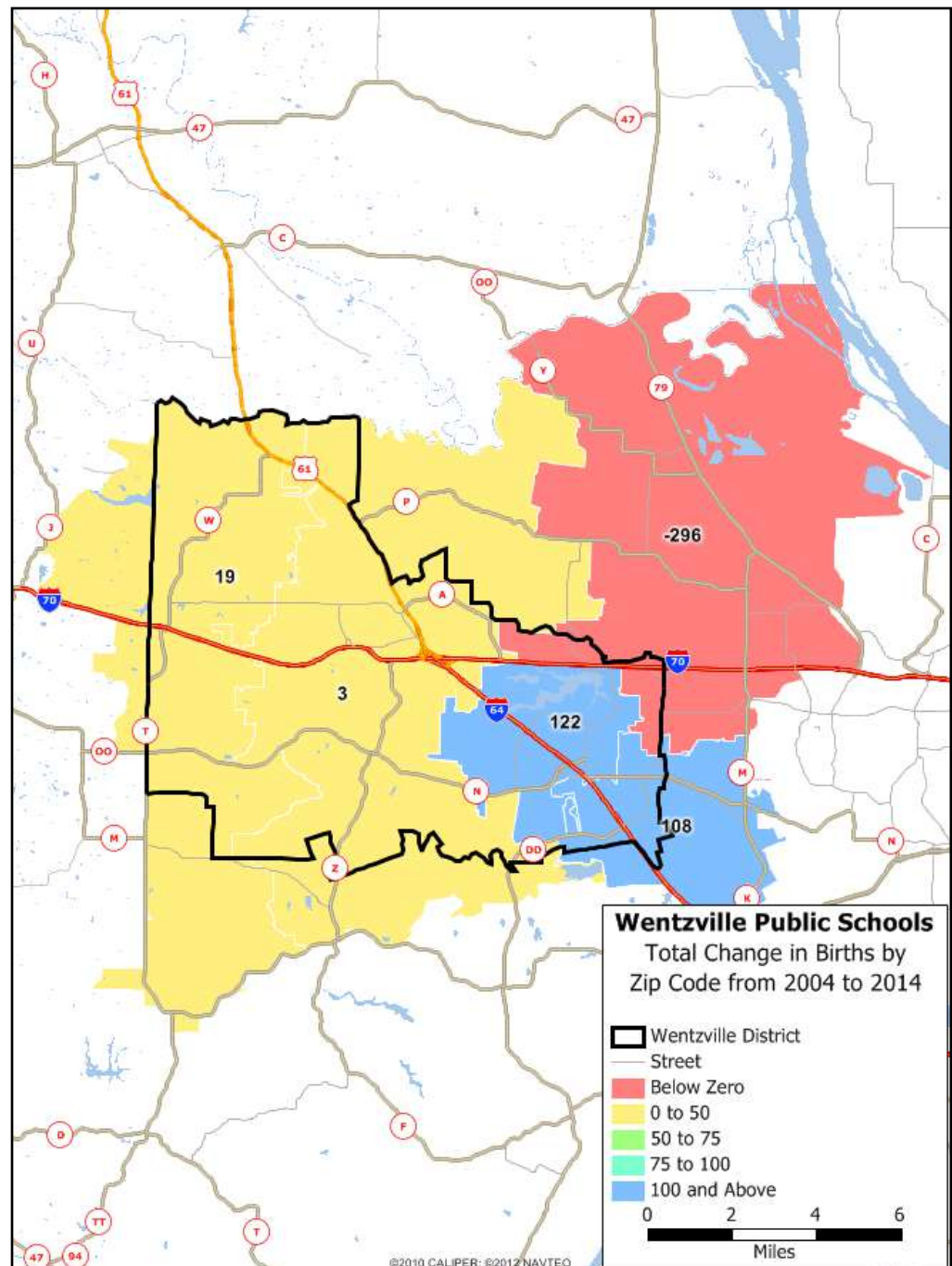
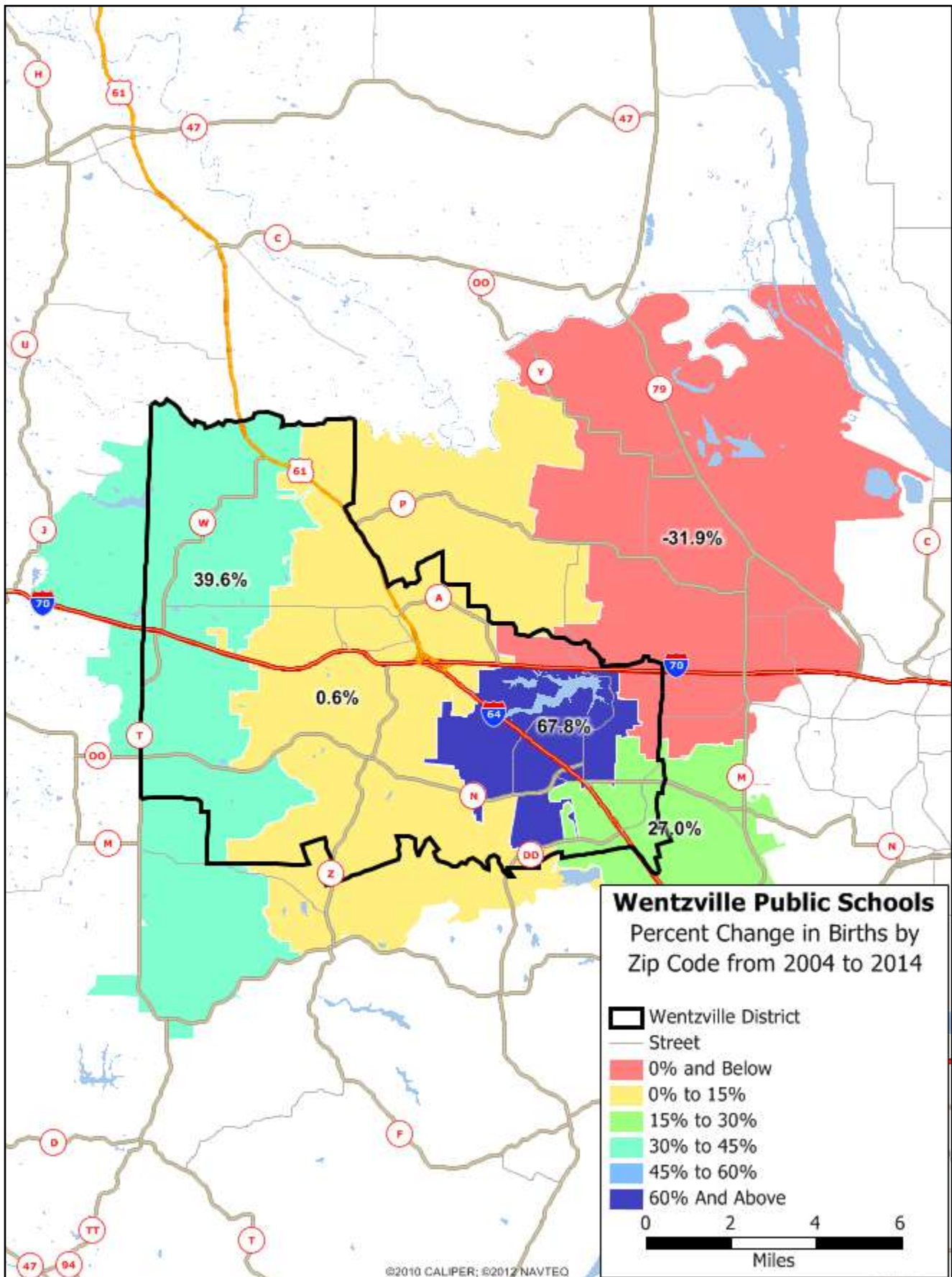


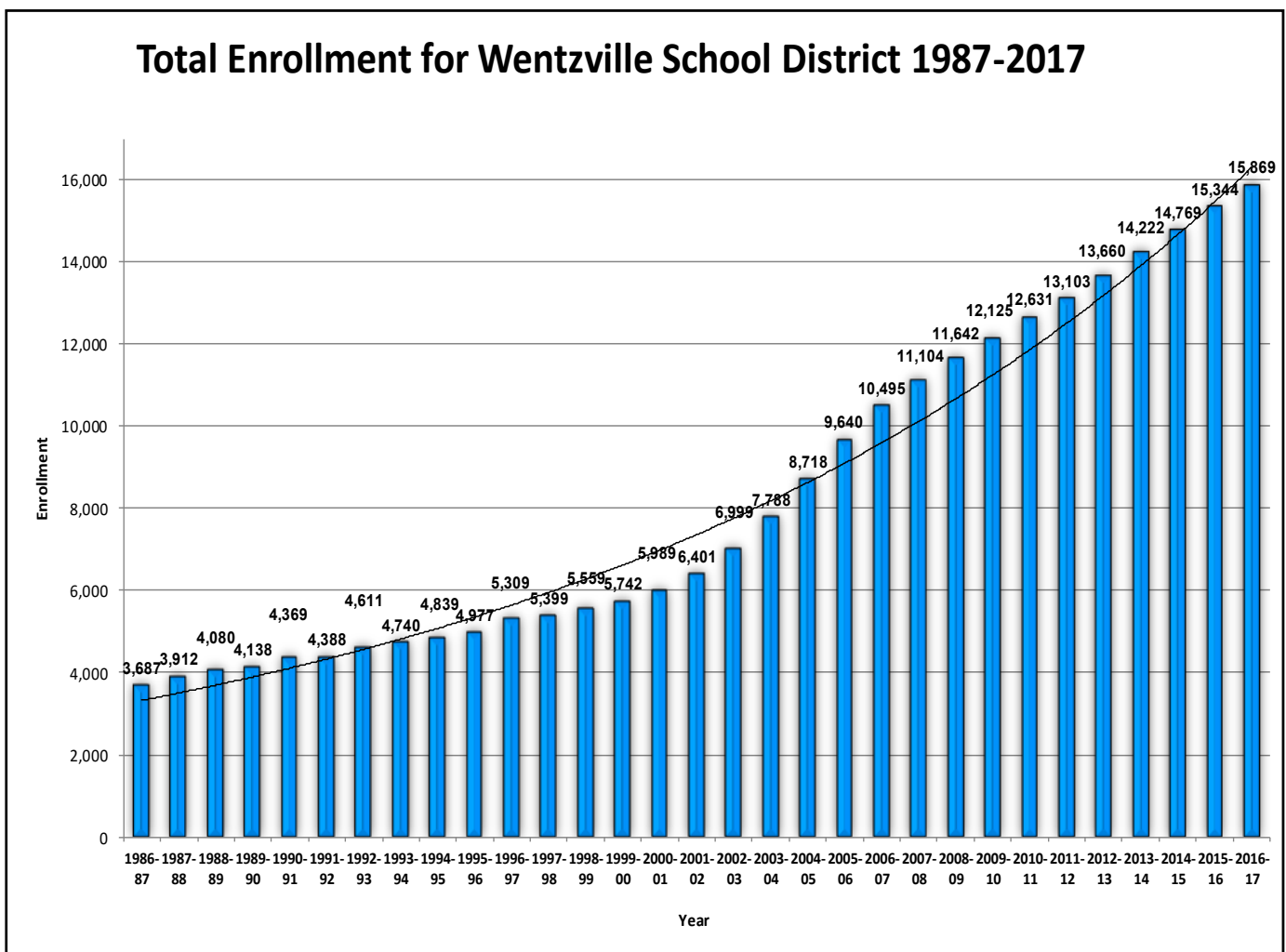
Figure 46. Percentage change in births, by ZIP code, 2004-2014.



Enrollment in the Wentzville School District continues to climb steadily, growing at a stronger rate during the last 10 years than it has the previous 20. In 1986-87, there were 3,687 students enrolled in the district and in 2015-16, there was 15,344 students, an increase of 11,657 students or 316 percent.

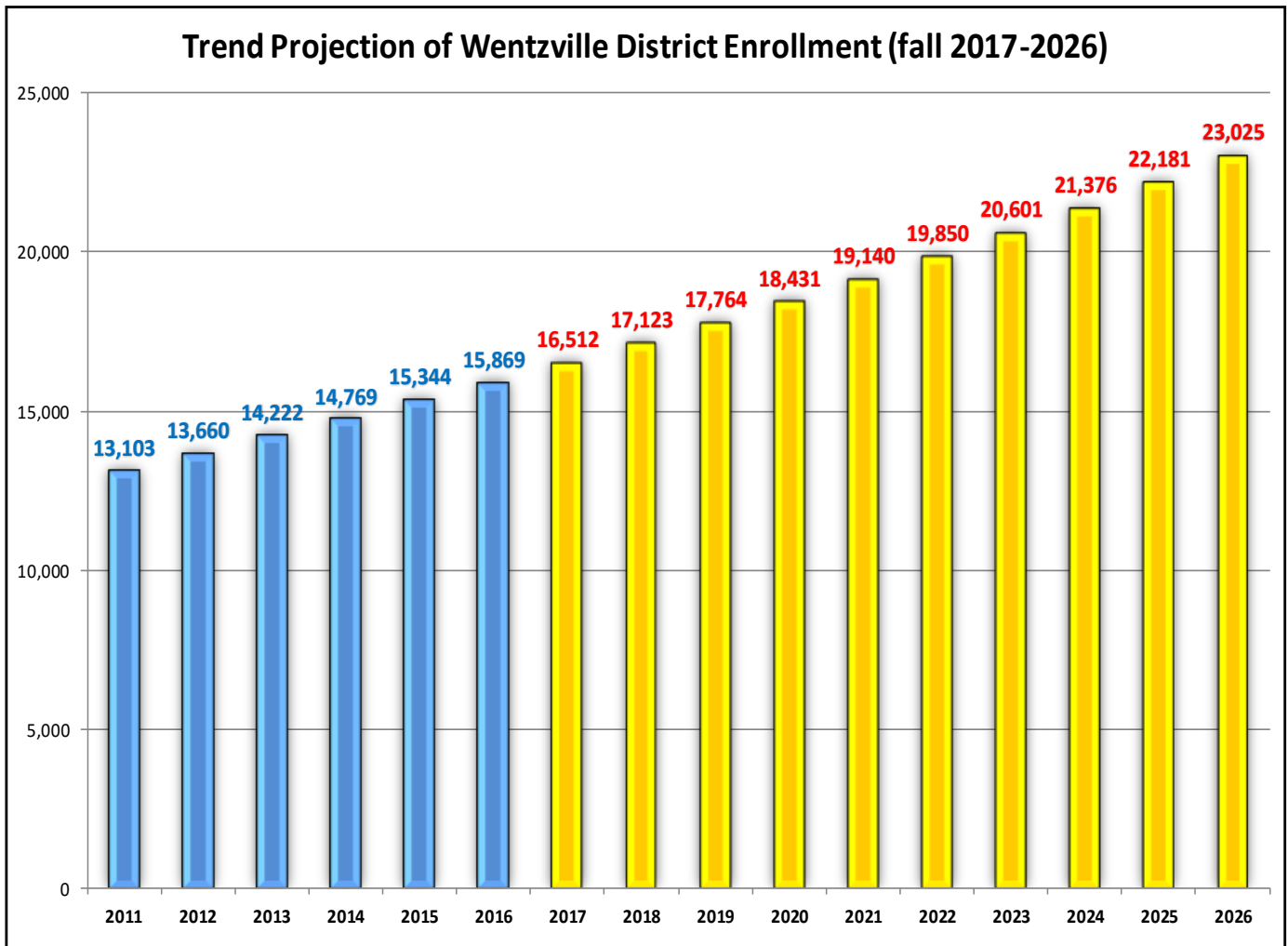
Figure 48 shows a growth projection model, based on the enrollment growth in the district since 2006, and it assumes the next 10 years will follow the same pattern. We chose the starting point of 2006 because there was a rapid housing growth followed by a recession. During the next 10 years, there is a high probability of both a housing recession and a boom. This model shows the district's enrollment continuing to increase to 23,025 by 2026-27, 155 students or 0.6 percent higher than our high-end prediction model suggests.

Figure 47. Total enrollment, Wentzville School District, 1987-2017.



Based on this growth model, the Wentzville School District could have 23,025 students by the fall of 2026, as shown in Figure 48. This, of course, would be based on the same level of enrollment growth during the next 10 years as has occurred since 2007.

Figure 48. Projected enrollment in the Wentzville School District, fall 2017-2026.



Wentzville R-IV School District

Figure 56 shows a year-by-year comparison of Wentzville enrollment. Since 2000, there have been few year to year decreases in any cohort. This is extremely unusual.

Figure 56. Year-by-year enrollment, Wentzville Schools, 1987-2017.

	1986-87	1987-88	% Change	1988-89	% Change	1989-90	% Change	1990-91	% Change	1991-92	% Change	1992-93	% Change
Kindergarten	271	345	27.3%	351	1.7%	310	-11.7%	345	11.3%	340	-1.4%	298	-12.4%
1st Grade	312	347	11.2%	387	11.5%	421	8.8%	381	-9.5%	398	4.5%	424	6.5%
2nd Grade	280	303	8.2%	325	7.3%	345	6.2%	380	10.1%	351	-7.6%	377	7.4%
3rd Grade	267	298	11.6%	327	9.7%	327	0.0%	361	10.4%	363	0.6%	362	-0.3%
4th Grade	294	282	-4.1%	316	12.1%	357	13.0%	337	-5.6%	380	12.8%	366	-3.7%
5th Grade	260	309	18.8%	293	-5.2%	315	7.5%	360	14.3%	335	-6.9%	388	15.8%
6th Grade	255	285	11.8%	331	16.1%	300	-9.4%	332	10.7%	359	8.1%	380	5.8%
7th Grade	320	274	-14.4%	312	13.9%	334	7.1%	320	-4.2%	347	8.4%	379	9.2%
8th Grade	255	303	18.8%	270	-10.9%	293	8.5%	339	15.7%	328	-3.2%	369	12.5%
9th Grade	302	273	-9.6%	321	17.6%	304	-5.3%	327	7.6%	349	6.7%	339	-2.9%
10th Grade	282	301	6.7%	270	-10.3%	317	17.4%	304	-4.1%	317	4.3%	353	11.4%
11th Grade	311	272	-12.5%	299	9.9%	247	-17.4%	313	26.7%	262	-16.3%	301	14.9%
12th Grade	278	320	15.1%	278	-13.1%	268	-3.6%	270	0.7%	259	-4.1%	275	6.2%
TOTAL	3,687	3,912	6.1%	4,080	4.3%	4,138	1.4%	4,369	5.6%	4,388	0.4%	4,611	5.1%

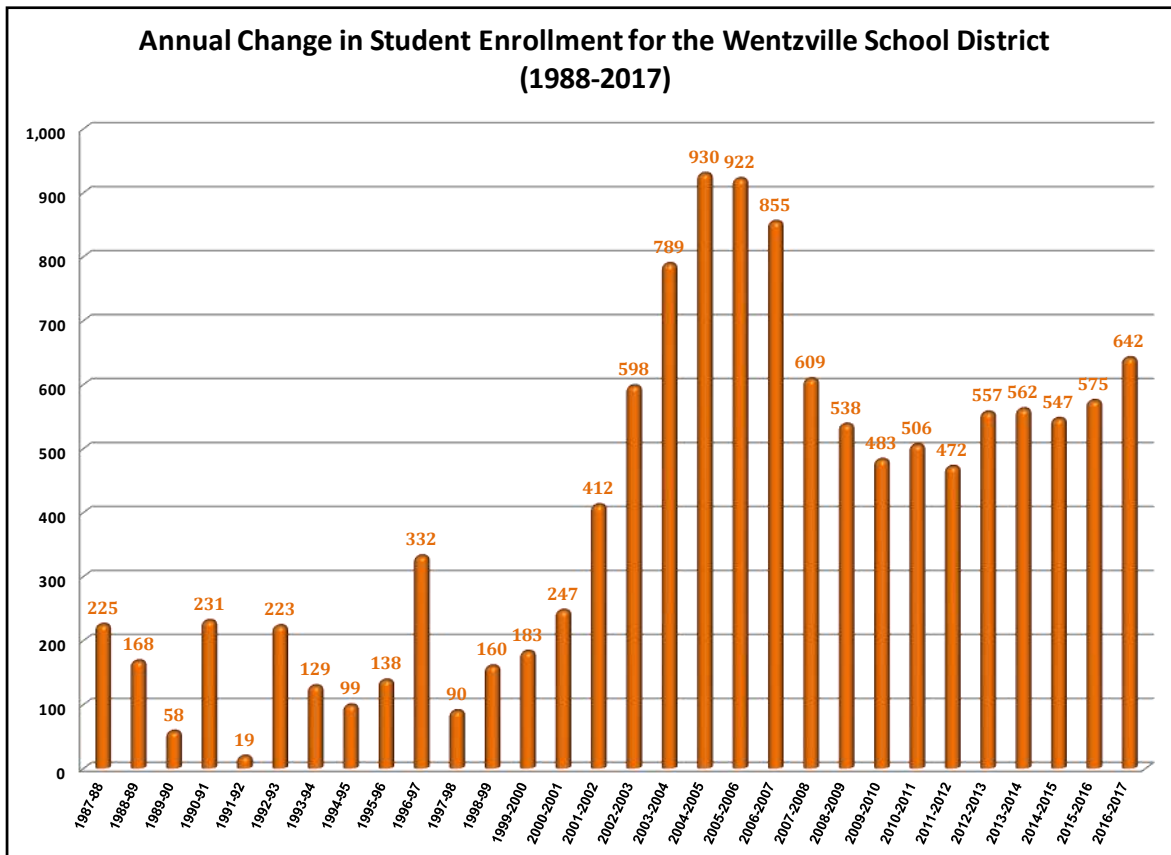
	1993-94	% Change	1994-95	% Change	1995-96	% Change	1996-97	% Change	1997-98	% Change	1998-99	% Change	1999-2000	% Change	2000-01	% Change	2001-02	% Change
Kindergarten	360	20.8%	340	-5.6%	362	6.5%	403	11.3%	363	-9.9%	354	-2.5%	344	-2.8%	431	25.3%	530	23.0%
1st Grade	430	1.4%	422	-1.9%	424	0.5%	446	5.2%	436	-2.2%	470	7.8%	446	-5.1%	402	-9.9%	501	24.6%
2nd Grade	361	-4.2%	367	1.7%	391	6.5%	420	7.4%	438	4.3%	443	1.1%	470	6.1%	471	0.2%	444	-5.7%
3rd Grade	377	4.1%	391	3.7%	382	-2.3%	415	8.6%	422	1.7%	445	5.5%	463	4.0%	510	10.2%	491	-3.7%
4th Grade	354	-3.3%	397	12.1%	413	4.0%	438	6.1%	427	-2.5%	429	0.5%	472	10.0%	489	3.6%	540	10.4%
5th Grade	386	-0.5%	360	-6.7%	415	15.3%	417	0.5%	450	7.9%	453	0.7%	464	2.4%	502	8.2%	537	7.0%
6th Grade	414	8.9%	403	-2.7%	359	-10.9%	439	22.3%	431	-1.8%	459	6.5%	468	2.0%	504	7.7%	548	8.7%
7th Grade	369	-2.6%	405	9.8%	423	4.4%	381	-9.9%	441	15.7%	440	-0.2%	485	10.2%	467	-3.7%	515	10.3%
8th Grade	380	3.0%	385	1.3%	401	4.2%	432	7.7%	384	-11.1%	440	14.6%	443	0.7%	492	11.1%	496	0.8%
9th Grade	347	2.4%	404	16.4%	393	-2.7%	421	7.1%	451	7.1%	513	13.7%	551	7.4%	582	5.6%	587	0.9%
10th Grade	333	-5.7%	332	-0.3%	381	14.8%	407	6.8%	414	1.7%	408	-1.4%	425	4.2%	447	5.2%	470	5.1%
11th Grade	329	9.3%	325	-1.2%	324	-0.3%	380	17.3%	381	0.3%	399	4.7%	384	-3.8%	373	-2.9%	428	14.7%
12th Grade	300	9.1%	308	2.7%	309	0.3%	310	0.3%	361	16.5%	306	-15.2%	327	6.9%	319	-2.4%	314	-1.6%
TOTAL	4,740	2.8%	4,839	2.1%	4,977	2.9%	5,309	6.7%	5,399	1.7%	5,559	3.0%	5,742	3.3%	5,989	4.3%	6,401	6.9%

	2002-03	% Change	2003-04	% Change	2004-05	% Change	2005-06	% Change	2006-07	% Change	2007-08	% Change	2008-09	% Change
Kindergarten	570	7.5%	618	8.4%	765	23.8%	836	8.5%	894	6.5%	873	-2.4%	997	12.4%
1st Grade	609	21.6%	645	5.9%	738	14.4%	834	11.5%	913	8.7%	982	7.0%	937	-4.8%
2nd Grade	548	23.4%	675	23.2%	715	5.9%	813	12.1%	901	9.8%	961	6.2%	1,024	6.2%
3rd Grade	498	1.4%	639	28.3%	726	13.6%	795	8.7%	862	7.8%	945	8.8%	1,003	5.8%
4th Grade	541	0.2%	574	6.1%	686	19.5%	783	12.4%	832	5.9%	899	7.5%	968	7.1%
5th Grade	586	9.1%	587	0.2%	626	6.6%	770	18.7%	858	10.3%	861	0.3%	921	6.5%
6th Grade	576	5.1%	633	9.9%	654	3.3%	679	3.7%	797	14.8%	891	10.5%	893	0.2%
7th Grade	578	12.2%	652	12.8%	709	8.7%	695	-2.0%	720	3.5%	845	14.8%	897	5.8%
8th Grade	553	11.5%	606	9.6%	670	10.6%	732	8.5%	741	1.2%	746	0.7%	874	14.6%
9th Grade	602	2.6%	692	15.0%	771	11.4%	768	-0.4%	812	5.4%	791	-2.7%	783	-1.0%
10th Grade	536	14.0%	529	-1.3%	643	21.6%	717	10.3%	782	8.3%	822	4.9%	803	-2.4%
11th Grade	445	4.0%	543	22.0%	536	-1.3%	655	18.2%	703	6.8%	759	7.4%	798	4.9%
12th Grade	357	13.7%	395	10.6%	479	21.3%	563	14.9%	680	17.2%	729	6.7%	744	2.0%
TOTAL	6,999	9.3%	7,788	11.3%	8,718	11.9%	9,640	9.6%	10,495	8.1%	11,104	5.5%	11,642	4.6%

The red numbers in Figure 56 show when a class size decreases from one year to the next. The yellow cells are the largest class size for that cohort. This table shows that of the 2016-17 school year, there are 9 record-size cohorts, just as we saw in the 2013-14 and 2015-16 school year. Of more than 200 studies during the last decade our firm has completed, we have never seen a growth pattern this strong. Figure 50 shows that in 2004-05, there were 930 new students to the district. Again, there are few school districts in the country with growth as strong as this.

	2009-10	% Change	2010-11	% Change	2011-12	% Change	2012-13	% Change	2013-14	% Change	2014-15	% Change	2015-16	% Change	2016-17	% Change	% Change 1986-2017
Kindergarten	1,025	2.7%	1,101	6.9%	1,131	2.7%	1,129	-0.2%	1,180	4.3%	1,170	-0.9%	1,152	-1.6%	1,291	10.8%	325.1%
1st Grade	1,047	10.5%	1,088	3.8%	1,134	4.1%	1,167	2.8%	1,153	-1.2%	1,223	5.7%	1,249	2.1%	1,206	-3.6%	300.3%
2nd Grade	953	-7.5%	1,056	9.8%	1,101	4.1%	1,142	3.6%	1,200	4.8%	1,208	0.7%	1,273	5.1%	1,292	1.5%	354.6%
3rd Grade	1,035	3.1%	996	-3.9%	1,075	7.3%	1,121	4.1%	1,174	4.5%	1,255	6.5%	1,251	-0.3%	1,319	5.2%	368.5%
4th Grade	1,025	5.6%	1,049	2.3%	1,026	-2.2%	1,097	6.5%	1,147	4.4%	1,196	4.1%	1,299	7.9%	1,274	-2.0%	341.8%
5th Grade	990	7.0%	1,047	5.4%	1,067	1.9%	1,044	-2.2%	1,120	6.8%	1,178	4.9%	1,231	4.3%	1,337	7.9%	373.5%
6th Grade	951	6.1%	1,015	6.3%	1,065	4.7%	1,065	0.0%	1,089	2.2%	1,160	6.1%	1,208	4.0%	1,270	4.9%	373.7%
7th Grade	906	1.0%	952	4.8%	1,017	6.4%	1,071	5.0%	1,070	-0.1%	1,096	2.4%	1,179	7.0%	1,220	3.4%	268.4%
8th Grade	929	5.9%	928	-0.1%	940	1.3%	1,036	9.3%	1,086	4.6%	1,090	0.4%	1,126	3.2%	1,199	6.1%	341.6%
9th Grade	880	11.0%	954	7.8%	953	-0.1%	1,008	5.5%	1,096	8.0%	1,175	6.7%	1,129	-4.1%	1,180	4.3%	273.8%
10th Grade	776	-3.5%	885	12.3%	979	9.6%	963	-1.7%	1,014	5.0%	1,092	7.1%	1,187	8.0%	1,152	-3.0%	320.9%
11th Grade	800	0.3%	758	-5.5%	865	12.4%	957	9.6%	952	-0.5%	985	3.4%	1,077	8.5%	1,203	10.5%	246.3%
12th Grade	808	7.9%	802	-0.7%	750	-6.9%	860	12.8%	941	8.6%	941	0.0%	983	4.3%	1,043	5.8%	253.6%
TOTAL	12,125	4.0%	12,631	4.0%	13,103	3.6%	13,660	4.1%	14,222	4.0%	14,769	3.7%	15,344	3.7%	15,986	4.0%	316.2%

Figure 50. Annual change in student enrollment, from one year to the next, for the Wentzville School District, 1988-2017.



The number of students enrolled in the free-and-reduced-lunch program has increased gradually at the Wentzville School District since 2004, as shown in Figure 51, below. Obviously, the overall enrollment at the district has increased during the last decade, but the percentage of students enrolled in the program has increased only from 18.6 percent to 21.5 percent of the total enrollment. The rate of percentage increase statewide is 27.7 percent but in Wentzville it had increased by 15.7 percent. There are many suburban districts in Missouri where enrollment in the free-and-reduced lunch program has tripled or quadrupled.

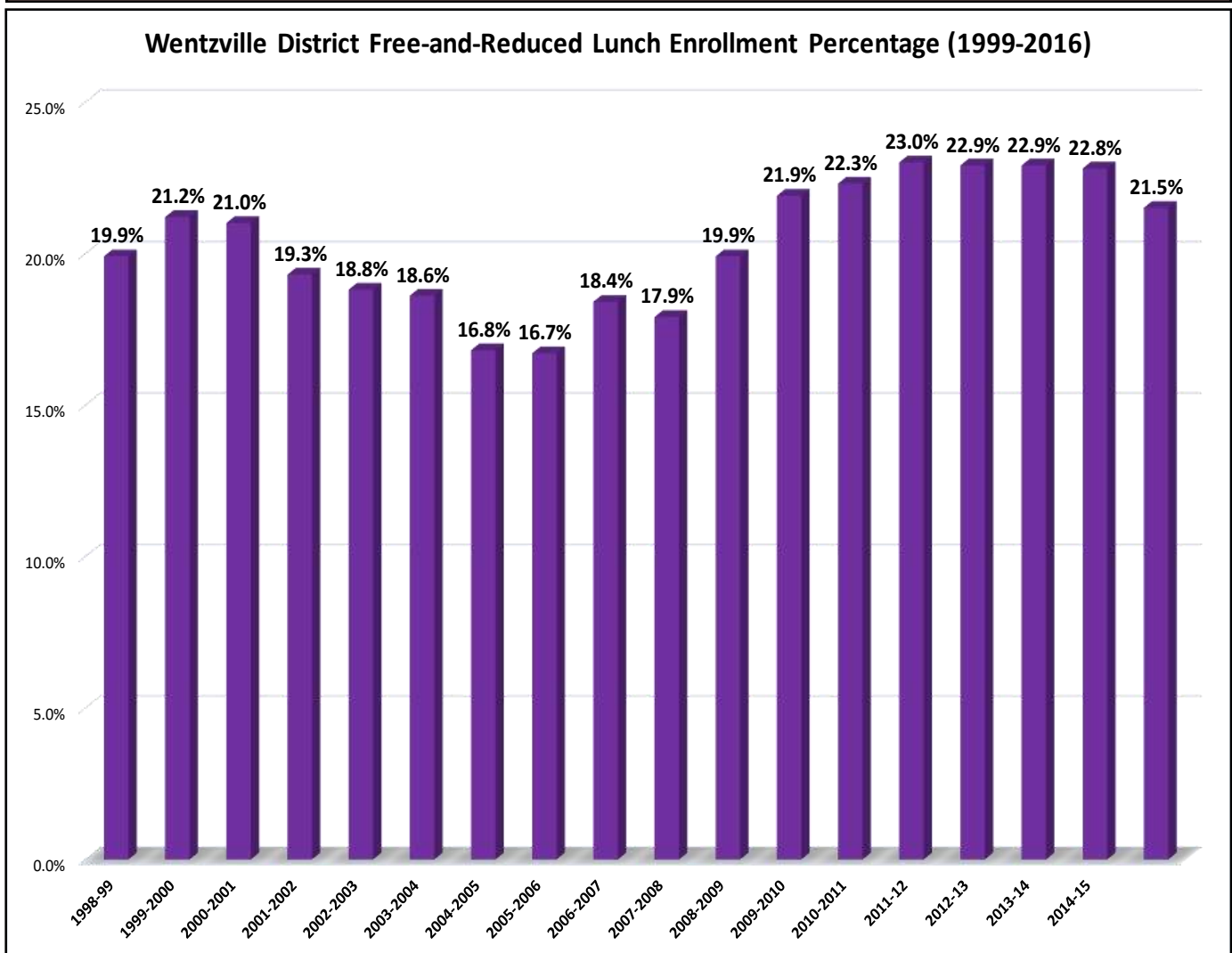
(The 2017 free-and-reduced lunch data is not yet available.)

Figure 52 shows the same percentages in the table below, but more graphically illustrates the narrow range of free-and-reduced lunch enrollment in the district since 1998.

Figure 51. Comparison of free and reduced lunch classifications for the Wentzville School District and the State of Missouri, 2004-2016. The growth in the free lunch program enrollment in the district is less than the rate of that has occurred statewide.

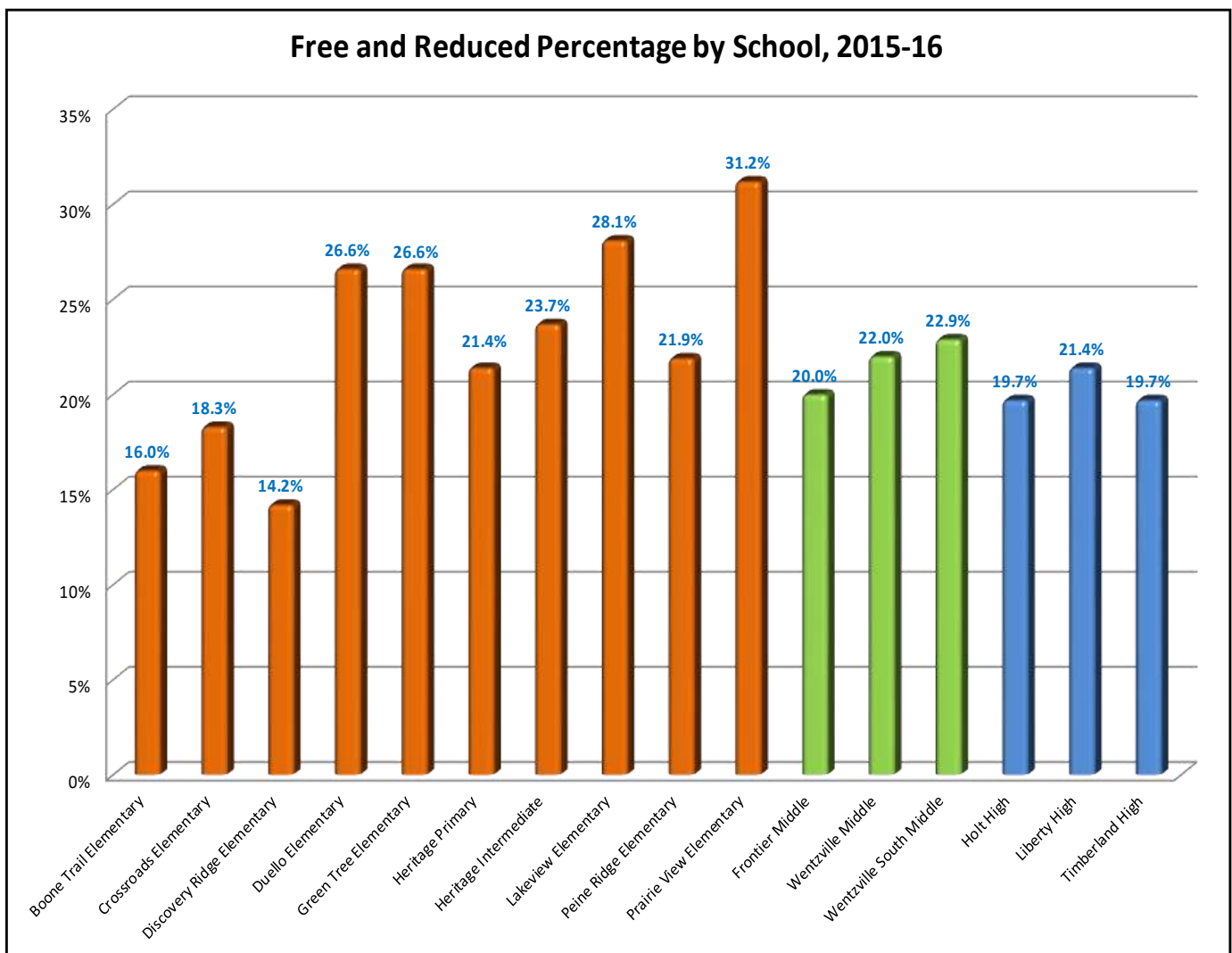
Comparison of Free and Reduce Lunch Classifications for the Wentzville District and Statewide (2004-2015)															
Free & Reduced Lunches	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Change in Overall Enrollment 2004-2016	Change in Overall Percentage 2004-2016
Number (Wentzville)	1,389	1,378	1,537	1,796	1,858	2,150	2,462	2,824	3,031	3,167	3,390	3,367	3,297	1,908	
Percent (Wentzville)	18.6%	16.8%	16.7%	18.4%	17.9%	19.9%	21.9%	22.3%	23.0%	23.0%	23.0%	22.8%	21.5%	137.4%	15.7%
Number (Missouri)	354,534	364,441	367,461	366,547	367,724	380,376	408,588	446,756	459,339	463,803	469,068	458,303	457,617	103,083	
Percent (Missouri)	40.5%	41.7%	40.8%	41.8%	42.1%	43.7%	46.9%	46.8%	48.4%	48.7%	49.3%	51.7%	51.7%	29.1%	27.7%

Figure 52. District free-and-reduced lunch percentage, 1999-2016.



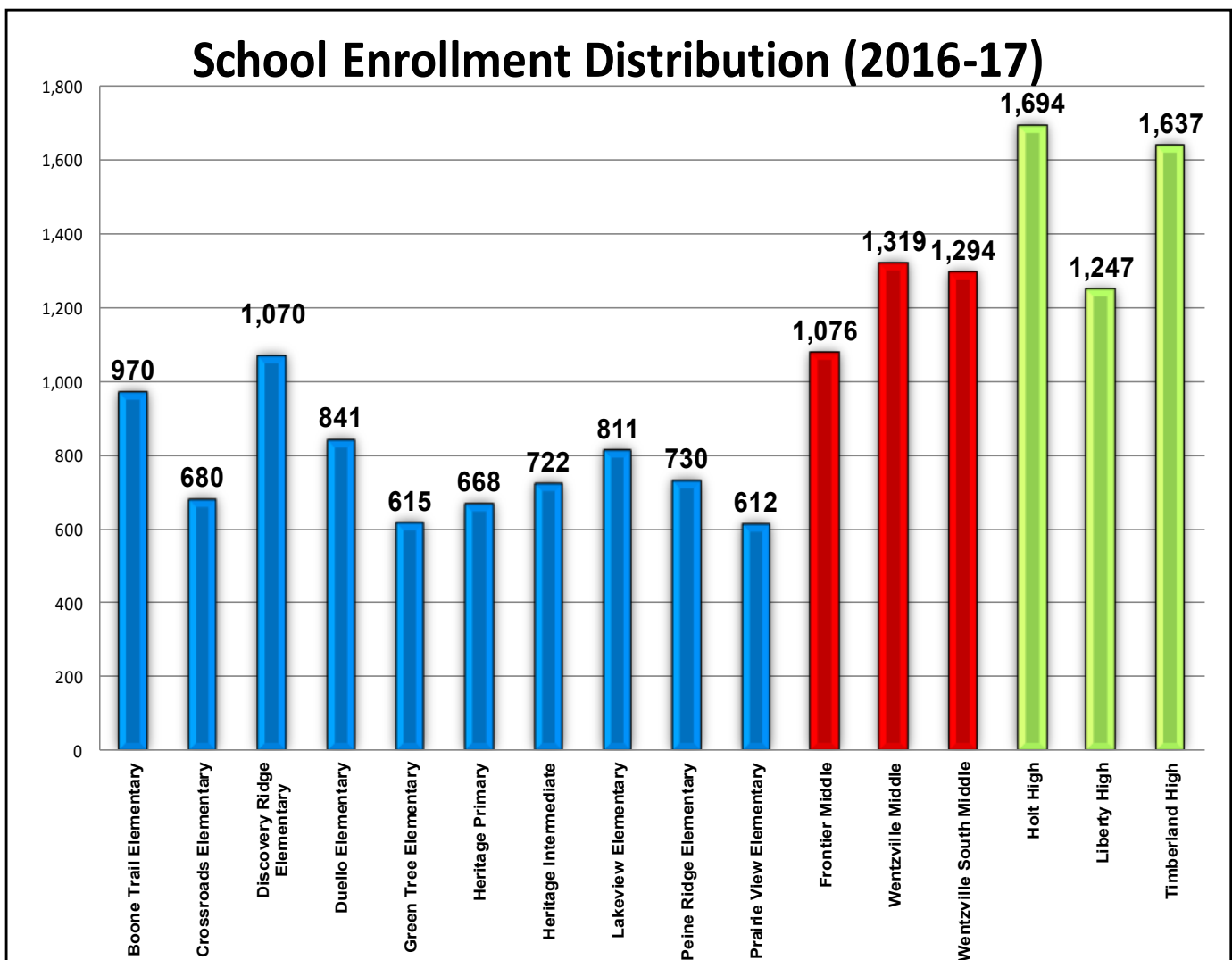
There is a sizable spread in the school buildings in the free-and-reduced lunch enrollment percentages—ranging at the elementary schools from 14.2 percent at Discovery Ridge to 31.2 percent at Prairie View. The middle schools and high schools are much more evenly balanced. Typically, districts try to maintain a spread of only 10 percentage points from the district’s median. At 21.5 percent, the elementary percentages would be slightly outside this range, but not by much.

Figure 53. Free and reduced percentage by school, for the 2015-16 school year.



The enrollment at the elementary schools varies from a low of 612 students at Prairie View Elementary to 1,070 at Discovery Ridge. For the middle schools, they range from 1,076 at Frontier and 1,319 at Wentzville Middle. At 1,694 students, Holt High School is the largest school; Liberty High is the smallest with 1,247 students.

Figure 54. Enrollment by school, for the 2016-17 school year.



The grade distribution in Figure 55 shows the largest current class, the 5th grade, at 1,337 (which was the 2nd grade of 1,200 students three years ago), and now the 12th grade class is only 1,043. This chart shows how the larger early grades will go through the system for years to come.

The minority population at the district's building ranges from 7.7 percent at Boone Trail Elementary to 21.6 percent at Prairie View Elementary. This isn't as big a spread as we've seen in other districts, and the high schools and middle schools are more balanced.

Figure 55. Grade distribution in the Wentzville School District for the 2016-17 school year.

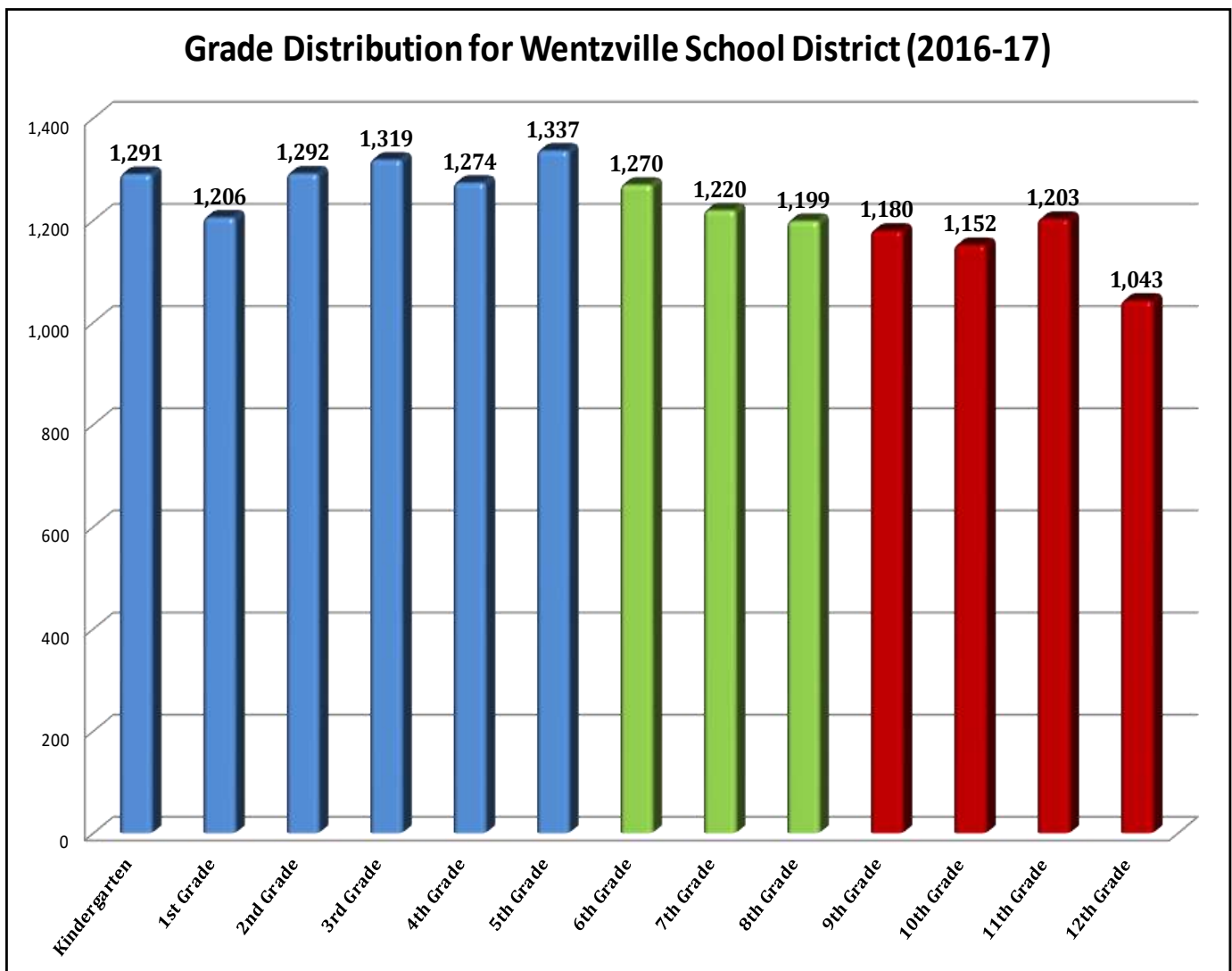


Figure 56. Total minority population, by school, in the Wentzville School District, for 2015-16.

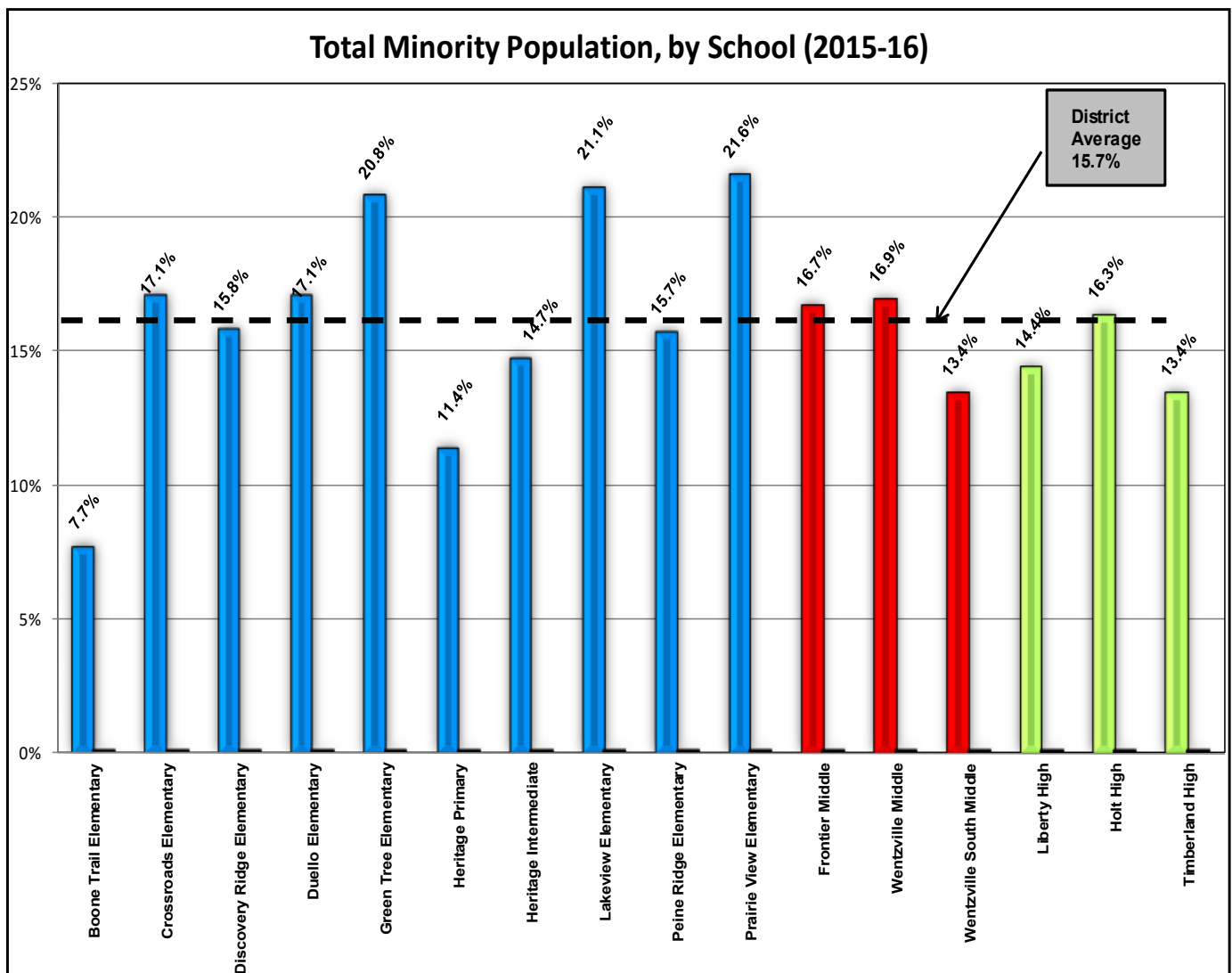


Figure 57, right, shows that, in 2000, 84.8 percent of the children living within the school district attended the Wentzville schools. Admittedly, the school enrollment data was gathered in the fall and the Census data was captured in the spring of the following year, but this is the closest comparison that we have of actual versus possible enrollment. In 2010, the percentage was 80.7 percent. This means that, in 2010, about 19.3 percent of the children, or 2,903 children were either home-schooled or attended private schools. It is unusual to see such a low percentage attending public schools in a district that is growing so rapidly. That means that if the economy turns down, and families cannot afford private education, then it is likely that the Wentzville public schools could realize even greater enrollment gains since there is a large number of school-age children who could enroll in the district's schools. If, for example, the district had 96 percent of the available school-age children attending their schools, then there are few children who could enroll when their family experiences unemployment or other economic shocks.

Statewide, 16 percent of the school-age children are either home-schooled or attend private schools, so the Wentzville School District has enrollment that is lower than the average.

Based on the best demographic data we can buy, we estimate that the district's 2015 "market share" increased to 82.5 percent. That means there are still more than 3,000 school-age children who live in the Wentzville School District but do not attend the district's schools. Throughout this study we show how increased employment, increased house sales and increased new home construction all contribute to in-migration of new students to the Wentzville district's remarkable long-term enrollment growth pattern, however, the large pool of available students who are not enrolled in the district's schools is sizable.

Figure 57. 2000 Census and 2010 Census compared with district enrollment 1999-2000 and 2009-2010, as well as estimated school-age populations for 2015 compared with the district's 2014-15 enrollment.

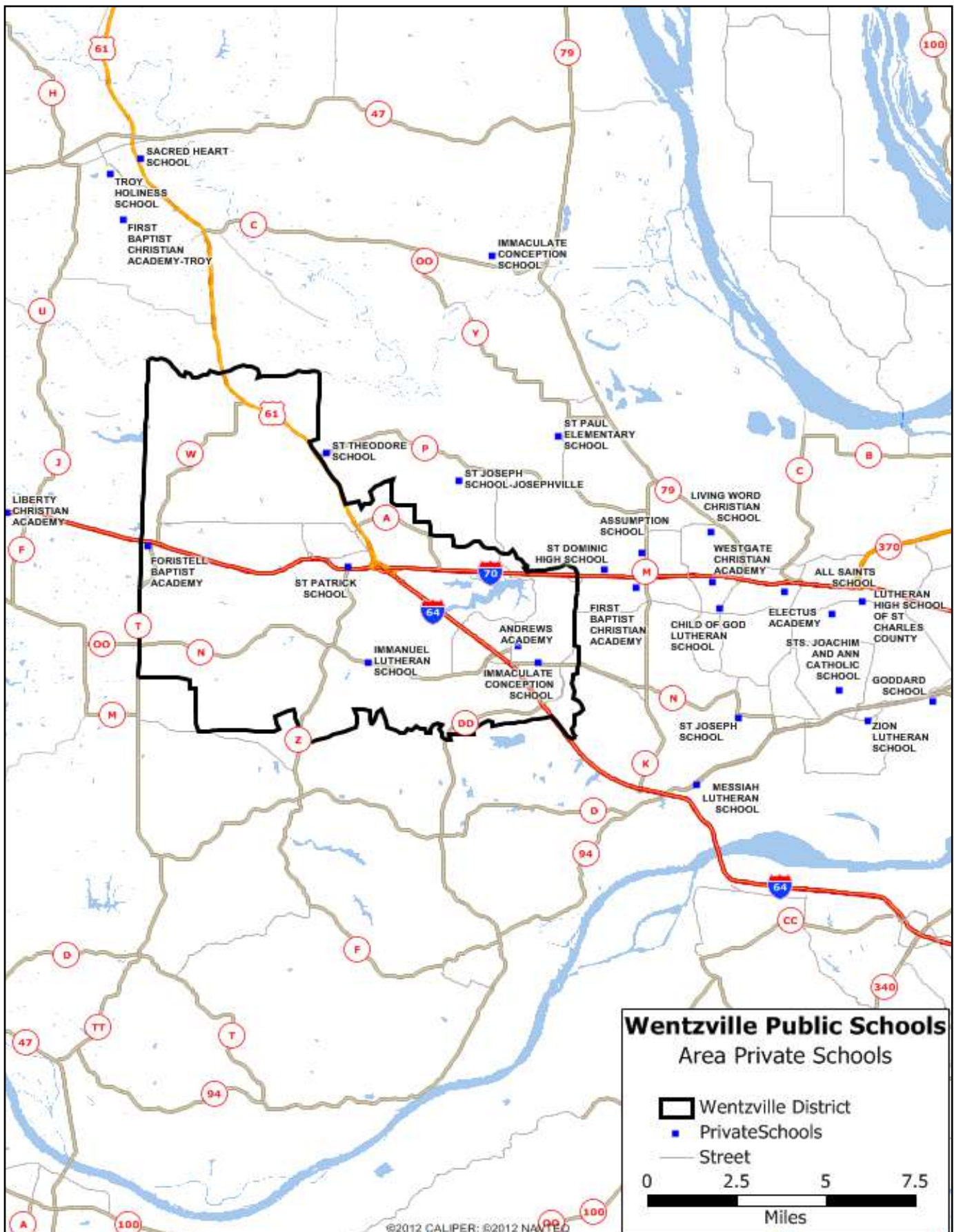
Comparison of 2000 / 2010 Census / 2015 Estimated									
and Wentzville School District 2000/ 2010/ 2015 Enrollment									
	2000 Census	1999-2000 Enrollment	% of Census to Enrollment	2010 Census	2009-2010 Enrollment	% of Census to Enrollment	2015 Estimated	2014-2015 Enrollment	% of Estimated to Enrollment
Under 1 yrs	425			1,151					
1 yr olds	615			1,179					
2 yr olds	485			1,270					
3 yr olds	575			1,279					
4 yr olds	485			1,373			5,694		
Kindergarten	575	344	59.8%	1,305	1,025	78.5%		1,170	
1st Grade	480	446	92.9%	1,359	1,047	77.0%		1,223	
2nd Grade	525	470	89.5%	1,268	953	75.2%		1,208	
3rd Grade	495	463	93.5%	1,183	1,035	87.5%		1,255	
4th Grade	645	472	73.2%	1,261	1,025	81.3%		1,196	
5th Grade	455	464	102.0%	1,258	990	78.7%		1,178	
6th Grade	505	468	92.7%	1,225	951	77.6%		1,160	
7th Grade	515	485	94.2%	1,134	906	79.9%		1,096	
8th Grade	575	443	77.0%	1,121	929	82.9%		1,090	
9th Grade	565	551	97.5%	979	880	89.9%	12,198	1,175	
10th Grade	530	425	80.2%	1,043	776	74.4%		1,092	
11th Grade	410	384	93.7%	901	800	88.8%		985	
12th Grade	500	327	65.4%	991	808	81.5%	5,704	941	
Total (K-12)	6,775	5,742	84.8%	15,028	12,125	80.7%	17,902	14,769	82.50%

The map in Figure 59 shows the locations of the some of the key private schools within and near the Wentzville School District. The National Center for Education Statistics shows 26 private schools within 15 miles of the district. We estimate that the enrollments at these private schools has increased from 6,402 in 2005-06 to 7,714 in 2013-14, an increase of 1,312 students or 20.4 percent. Based on calls to these private schools during the fall 2016, we estimate that private school enrollment in the area has decreased by 435 students since 2013-14. Undoubtedly, this has contributed to some of the increased enrollment that the district has realized during the last couple of years.

Figure 58. Private schools within 15 miles of the Wentzville School District. This data is provided by the National Center for Education Statistics. Since one out of five school-age children who live in the district do not attend the district' schools, private education is a strong competitor to the district.

Selected Private Schools Within 15 Miles of Wentzville						
Name of School	Association Membership	City	2005-06 Total	2011-12 Total	2013-14 Total	2016-17 Total
ALL SAINTS SCHOOL	National Catholic Educational Association (NCEA)	ST PETERS	404	276	287	207
ANDREWS ACADEMY	Hope Organization, Inc	LAKE ST LOUIS			158	110
ASSUMPTION SCHOOL	National Catholic Educational Association (NCEA)	O'FALLON	471	456	538	530
CHILD OF GOD LUTHERAN SCHOOL	No Membership Association	ST PETERS	56	71	60	139
CHILDRENS EDU CARE CENTER	Other Montessori association(s)	ST PETERS	9			3
CHRISTIAN HIGH SCHOOL	Other school association(s)	ST PETERS	325			0
CHURCH ON THE ROCK CHRISTIAN	No Membership Association	ST PETERS	117			0
ELECTUS ACADEMY	This school does not belong to ANY associations or organizations	ST PETERS		24	20	10
FIRST BAPTIST CHRISTIAN ACADEMY	Association of Christian Schools International (ACSI)	O'FALLON		169	166	112
FIRST BAPTIST CHRISTIAN ACADEMY-TROY	Association of Christian Schools International (ACSI)	TROY		126	117	117
FORISTELL BAPTIST ACADEMY	Accelerated Christian Education (ACE) or (School of Tomorrow)	FORISTELL	8	9	10	
GODDARD SCHOOL	Goddard Systems, Inc	ST CHARLES			NA	0
IMMACULATE CONCEPTION SCHOOL	National Catholic Educational Association (NCEA)	O'FALLON	502	804	794	784
IMMACULATE CONCEPTION SCHOOL	National Catholic Educational Association (NCEA)	OLD MONROE	183	194	178	180
IMMANUEL LUTHERAN SCHOOL	Other religious school association(s)	WENTZVILLE	146	197	245	303
LIBERTY CHRISTIAN ACADEMY	This school does not belong to ANY associations or organizations	WRIGHT CITY		63	106	136
LIVING WORD CHRISTIAN SCHOOL	No Membership Association	ST PETERS	207	681	849	731
LUTHERN HS ST CHARLES COUNTY	Other religious school association(s)	ST PETERS	340	294	313	340
MESSIAH LUTHERAN SCHOOL	Other religious school association(s)	WELDON SPRINGS	150	222	266	247
MID RIVERS SDA SCHOOL	General Conference of the Seventh-Day Adventist Church (GCSDAC)	ST PETERS	8			0
SACRED HEART	National Catholic Educational Association (NCEA)	TROY	289	290	292	282
ST DOMINIC HIGH SCHOOL	National Catholic Educational Association (NCEA)	O'FALLON	735	665	696	707
ST JOSEPH SCHOOL	National Catholic Educational Association (NCEA)	ST CHARLES	851	941	980	946
ST JOSEPH SCHOOL-JOSEPHVILLE	National Catholic Educational Association (NCEA)	WENTZVILLE	100	106	100	62
ST PATRICK ELEMENTARY SCHOOL	National Catholic Educational Association (NCEA)	WENTZVILLE	428	453	475	421
ST PAUL ELEMENTARY SCHOOL	National Catholic Educational Association (NCEA)	SAINT PAUL	190	179	185	137
ST THEODORE SCHOOL	National Catholic Educational Association (NCEA)	WENTZVILLE		212	189	172
STS JOACHIM AND ANN SCHOOL	National Catholic Educational Association (NCEA)	ST CHARLES	488		263	241
TROY HOLINESS SCHOOL	Accelerated Christian Education (ACE) or (School of Tomorrow)	TROY	38	23	20	22
WESTGATE CHRISTIAN ACADEMY	Other school association(s)	ST PETERS		154	0	0
WILLOTT ROAD CHRISTIAN ACADEMY	Association of Christian Schools International (ACSI)	ST PETERS	0	127	115	NA
ZION LUTHERAN SCHOOL	Other religious school association(s)	ST CHARLES	357	279	292	340
TOTAL			6,402	7,015	7,714	7,279

Figure 59. Selected private schools within 15 miles of the Wentzville School District, 2015.



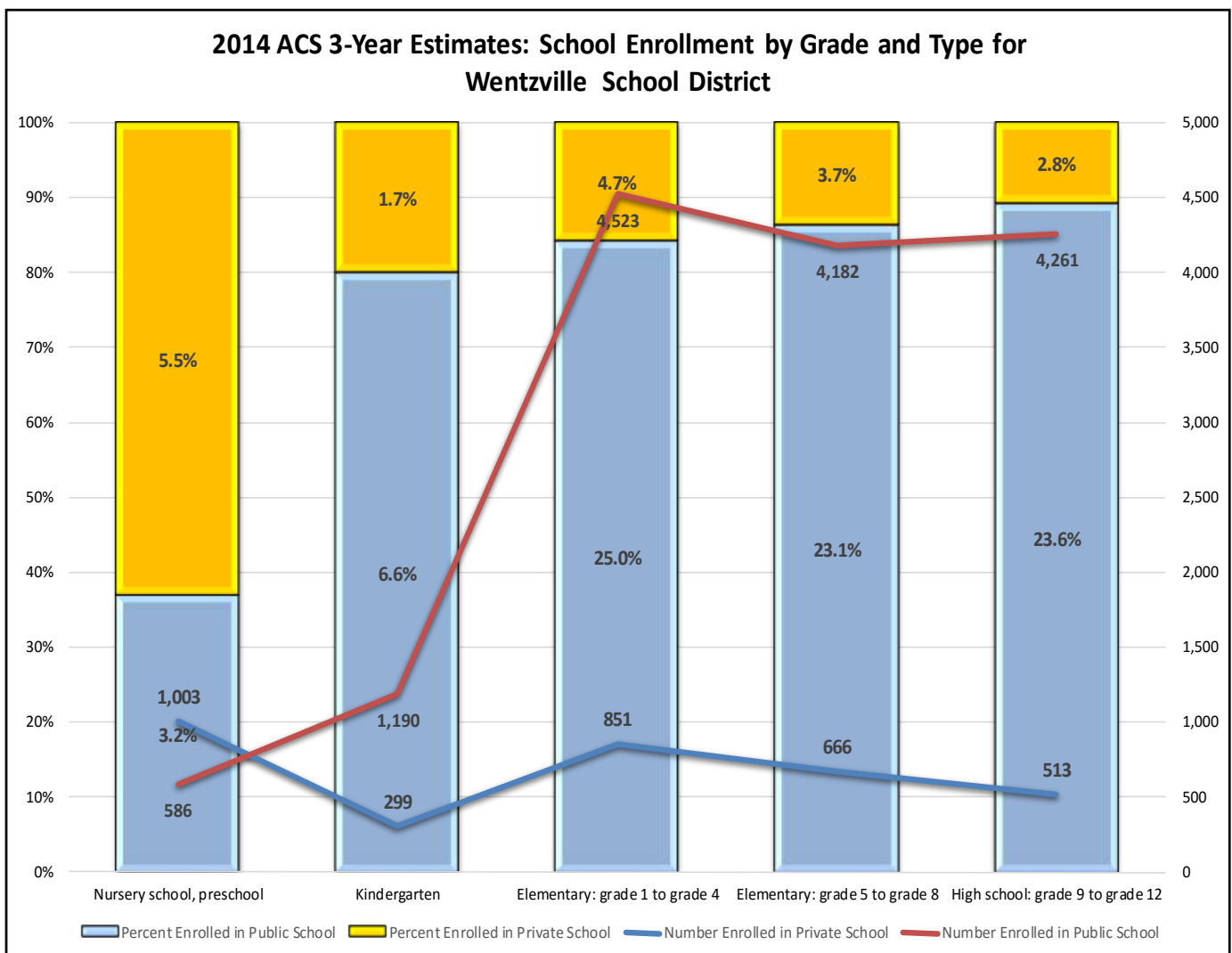
The 2014 ACS Census Bureau data shows that 78.3 percent of the school-age population is enrolled in the Wentzville district's public schools. The estimate of 2,329 students living in the district enrolled in private schools would be nearly one-third the total enrollment of the private schools shown on p. 64.

Figures 60-61. 2014 ACS 3-year estimates: school enrollment by grade and age, and type of school for the Wentzville School District.

2014 ACS 3-Year Estimates: School Enrollment by Age and Type for Wentzville R-IV School District						
Cohort	Number			Percent		
	Enrolled in Public School	Enrolled in Private School	Not Enrolled in School	Enrolled in Public School	Enrolled in Private School	Not Enrolled in School
3 and 4 years	507	749	1,583	2.6%	3.9%	8.2%
5 to 9 years	4,910	1,255	409	25.4%	6.5%	2.1%
10 to 14 years	5,741	863	62	29.7%	4.5%	0.3%
15 to 17 years	2,831	396	0	14.7%	2.1%	0.0%
TOTAL	13,989	3,263	2,054	72.5%	16.9%	10.6%

2014 ACS 3-Year Estimates: School Enrollment by Grade and Type for Wentzville R-IV School District				
Cohort	Number		Percent	
	Enrolled in Public School	Enrolled in Private School	Enrolled in Public School	Enrolled in Private School
Nursery school, preschool	586	1,003	3.2%	5.5%
Kindergarten	1,190	299	6.6%	1.7%
Elementary: grade 1 to grade 4	4,523	851	25.0%	4.7%
Elementary: grade 5 to grade 8	4,182	666	23.1%	3.7%
High school: grade 9 to grade 12	4,261	513	23.6%	2.8%
TOTAL	14,742	3,332	81.6%	18.4%
TOTAL (K-12)	14,156	2,329	78.3%	12.9%

Figure 62. Chart showing the table data for 2014 ACS 3-year estimates: school enrollment by grade and age, and type of school for the Wentzville School District.



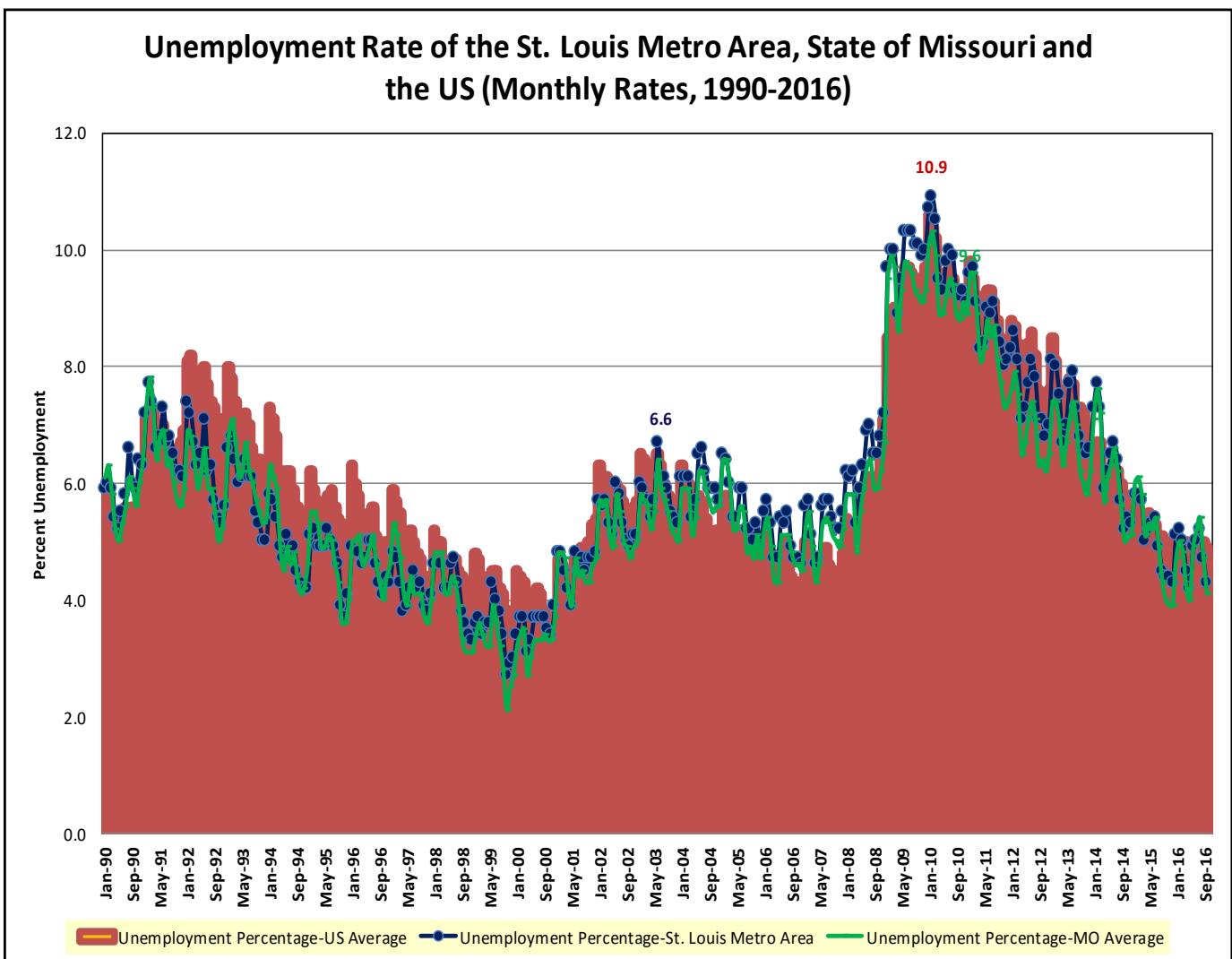
ECONOMICS PROFILE

A district's economy can have a large impact on enrollment growth. For example, if jobs are plentiful, then families will move to the area and settle.

When the unemployment rate for the St. Louis metro area is compared in Figure 63 against the national unemployment rate and state unemployment rate since 1990, the St. Louis unemployment rate was often above the state and national rates. At the beginning of February 2016, the national unemployment rate was 4.9 percent and the St. Louis unemployment rate was 4.3, 0.6 points lower.

To compare the unemployment rates for Wentzville, O'Fallon and St. Peter, Figure 65 shows that St. Peter consistently has had a higher unemployment rate for the last five years with O'Fallon and Wentzville swapping for the lowest rate. Generally, a strong local economy results in more jobs, which results in enrollment growth.

Figure 63. Unemployment rate at the St. Louis metro area, versus the state and national unemployment rate, 1990-2016.



Year	St. Charles County Employment (Sept of each year)	Actual K-12 Enrollment (Sept of each year)	Predicted K-12 Enrollment	Variance	%
1990	117,019	4,369	2,409	1,960	44.9%
1991	118,395	4,388	2,591	1,797	40.9%
1992	120,593	4,611	2,883	1,728	37.5%
1993	125,574	4,740	3,543	1,197	25.2%
1994	132,115	4,839	4,411	428	8.9%
1995	138,914	4,977	5,312	-335	-6.7%
1996	144,349	5,309	6,033	-724	-13.6%
1997	146,642	5,399	6,337	-938	-17.4%
1998	152,006	5,559	7,049	-1,490	-26.8%
1999	157,067	5,742	7,720	-1,978	-34.4%
2000	161,177	5,989	8,265	-2,276	-38.0%
2001	164,739	6,401	8,737	-2,336	-36.5%
2002	167,980	6,999	9,167	-2,168	-31.0%
2003	167,931	7,788	9,160	-1,372	-17.6%
2004	171,262	8,718	9,602	-884	-10.1%
2005	178,718	9,640	10,591	-951	-9.9%
2006	183,380	10,495	11,209	-714	-6.8%
2007	184,913	11,104	11,412	-308	-2.8%
2008	184,371	11,642	11,341	301	2.6%
2009	178,543	12,125	10,568	1,557	12.8%
2010	189,074	12,631	11,964	667	5.3%
2011	192,479	13,103	12,416	687	5.2%
2012	194,129	13,660	12,635	1,025	7.5%
2013	195,343	14,222	12,796	1,426	10.0%
2014	199,636	14,769	13,365	1,404	9.5%
2015	202,921	15,344	13,801	1,543	10.1%
2016	213,728	15,986	15,234	752	4.7%

Figure 64. For the last 25 years, for every 7.8 new jobs added in St. Charles County, there has been one new student enrolled in the Wentzville School District. Since 2004, the prediction model for enrollment, based on employment, has been more accurate. The overall predictability of the model is 87.7 percent with a 93.6 percent correlation.

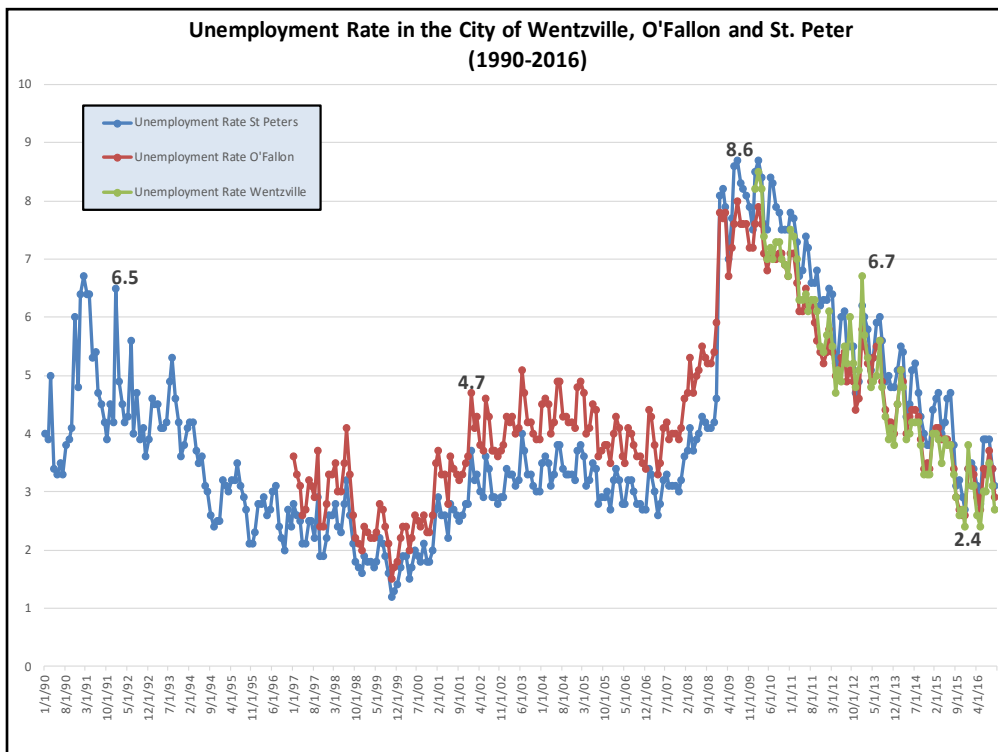


Figure 65. Unemployment rate of the cities of Wentzville, O'Fallon and St. Peter. (The Bureau of Labor Statistics does not track unemployment until a city reaches 25,000 population. So that is why Wentzville's unemployment numbers do not start until 2010.)

The unemployment rates within the Wentzville School District range from near 0 percent near the center of the district to 5.91 percent in the southern area near the district boundary. Some of the higher unemployment percentages coincide where the population in the district is more concentrated, which makes the problem of unemployment more severe since it likely affects a larger percentage of the population.

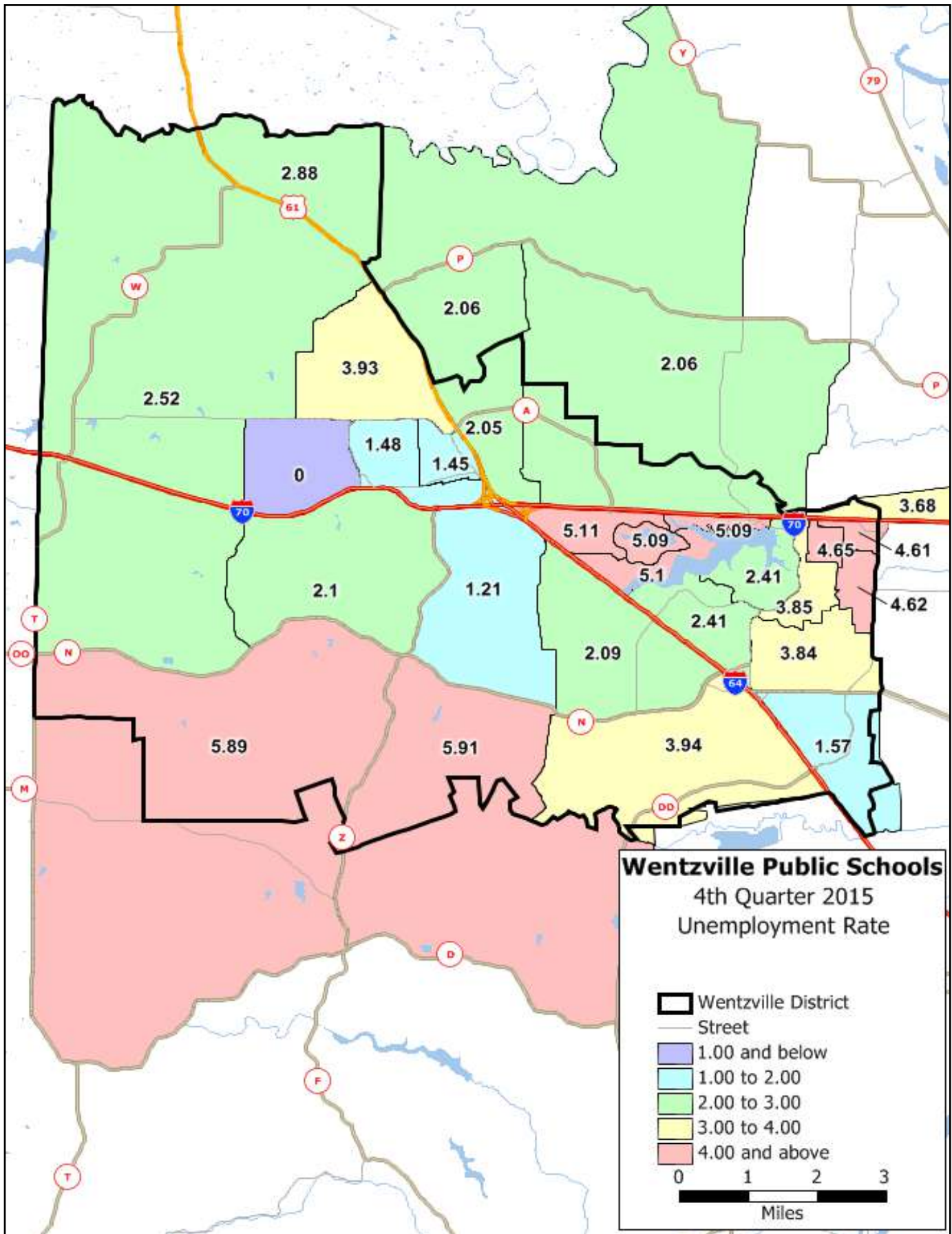
In Figure 66, below, we would note that all three cities of Wentzville, Lake St. Louis and Dardenne Prairie have had good sales tax revenue growth during the last decade when many areas of the country saw revenues go down during the recession during the last six years. The City of Wentzville has had only three year-to-year decreases during the last 25 years. Since 2010, Wentzville has realized a 7.96 percent sales tax revenue growth average per-year compared with 6.11 at Lake St. Louis and 0.87 at Dardenne Prairie.

Figure 66. Sales tax revenue collected within the cities of Wentzville, Lake St. Louis and Dardenne Prairie. 1990-2015. With the exception of 2009, Wentzville has had 15 years of continuous revenue growth.

Taxable Sales Revenue for the City of Wentzville, Lake St. Louis and Dardenne Prairie (1990-2015)									
	City of Wentzville			City of Lake St. Louis			City of Dardenne Prairie		
	Taxable Sales Revenue	Difference from previous year	% Gain	Taxable Sales Revenue	Difference from previous year	% Gain	Taxable Sales Revenue	Difference from previous year	% Gain
YEAR									
1990	\$73,964,972			\$7,453,066					
1991	\$94,233,887	\$20,268,915	27.40%	\$11,096,060	\$3,642,994	48.88%			
1992	\$112,322,697	\$18,088,810	19.20%	\$19,288,638	\$8,192,578	73.83%			
1993	\$112,405,258	\$82,561	0.07%	\$19,624,321	\$335,683	1.74%			
1994	\$113,304,057	\$898,799	0.80%	\$20,565,318	\$940,997	4.80%			
1995	\$131,446,866	\$18,142,809	16.01%	\$23,036,250	\$2,470,932	12.02%			
1996	\$138,389,012	\$6,942,146	5.28%	\$25,487,524	\$2,451,274	10.64%			
1997	\$125,102,179	-\$13,286,833	-9.60%	\$26,906,153	\$1,418,629	5.57%	\$869	\$869	
1998	\$123,570,963	-\$1,531,216	-1.22%	\$25,356,850	-\$1,549,303	-5.76%	\$23,159	\$22,290	2564.16%
1999	\$138,304,255	\$14,733,292	11.92%	\$31,192,205	\$5,835,354	23.01%	\$48,136	\$24,977	107.85%
2000	\$142,572,400	\$4,268,145	3.09%	\$30,643,575	-\$548,629	-1.76%	\$1,180,629	\$1,132,493	2352.71%
2001	\$174,244,393	\$31,671,993	22.21%	\$31,295,404	\$651,829	2.13%	\$2,099,023	\$918,394	77.79%
2002	\$203,744,283	\$29,499,889	16.93%	\$30,551,010	-\$744,393	-2.38%	\$2,244,503	\$145,480	6.93%
2003	\$247,012,078	\$43,267,795	21.24%	\$31,766,255	\$1,215,244	3.98%	\$5,503,073	\$3,258,570	145.18%
2004	\$273,150,669	\$26,138,591	10.58%	\$39,371,743	\$7,605,488	23.94%	\$11,802,705	\$6,299,633	114.47%
2005	\$305,492,352	\$32,341,683	11.84%	\$47,078,132	\$7,706,389	19.57%	\$12,656,077	\$853,372	7.23%
2006	\$325,732,098	\$20,239,746	6.63%	\$126,586,937	\$79,508,805	168.89%	\$34,357,279	\$21,701,201	171.47%
2007	\$368,280,714	\$42,548,616	13.06%	\$163,111,820	\$36,524,883	28.85%	\$76,496,932	\$42,139,653	122.65%
2008	\$400,712,244	\$32,431,530	8.81%	\$183,300,274	\$20,188,454	12.38%	\$82,785,617	\$6,288,686	8.22%
2009	\$392,700,131	-\$8,012,113	-2.00%	\$203,341,493	\$20,041,219	10.93%	\$83,952,185	\$1,166,568	1.41%
2010	\$409,989,088	\$17,288,957	4.40%	\$213,134,977	\$9,793,484	4.82%	\$82,482,803	-\$1,469,382	-1.75%
2011	\$453,346,687	\$43,357,599	10.58%	\$246,364,929	\$33,229,952	15.59%	\$86,354,010	\$3,871,207	4.69%
2012	\$475,611,901	\$22,265,214	4.91%	\$253,423,644	\$7,058,715	2.87%	\$82,149,700	-\$4,204,310	-4.87%
2013	\$515,680,373	\$40,068,472	8.42%	\$257,968,630	\$4,544,986	1.79%	\$83,433,450	\$1,283,750	1.56%
2014	\$562,458,365	\$46,777,992	9.07%	\$265,933,439	\$7,964,809	3.09%	\$85,738,462	\$2,305,012	2.76%
2015	\$620,966,913	\$58,508,548	10.40%	\$288,484,710	\$22,551,271	8.48%	\$88,132,154	\$2,393,692	2.79%

Source: Missouri Department of Revenue

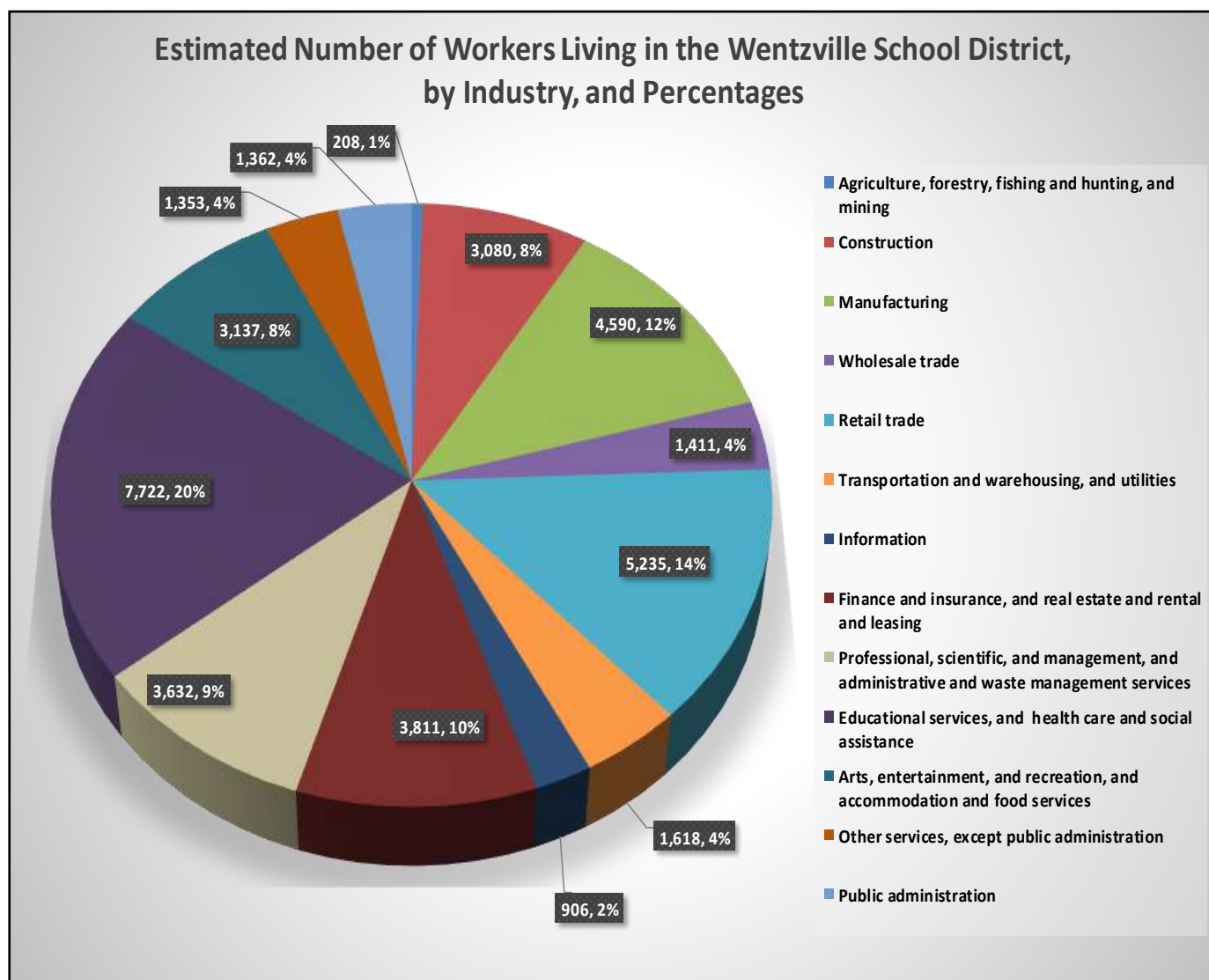
Figure 67. Unemployment rate in Wentzville School District, 2015.



Wentzville R-IV School District

The composition of an area's employment can explain the future stability of a school district's enrollment. If a large percentage of jobs are highly dependent on the economy, such as construction, then enrollment could be more variable. In the Wentzville district, one out of five jobs are in the educational and health care industries, which generally are very stable in any economy. Only 8.1 percent of the district's residents are employed in construction. Wentzville residents have a higher percentage employed in management, business, science and arts (38.7%) than the other area districts except for Francis Howell residents (45.6%) or Fort Zumwalt (40.9%).

Figure 68. The pie chart below displays the same data as in Figure 69 on p. 73.



2016-17 Enrollment and Demographics Study

Figure 69. Data from the 2014 ACS Census, estimated number of workers and employment in industry, by area school districts.

Estimated Number of Workers: Overall Employment at All Industries									
School District	Estimated Total Number of Workers	Agriculture, forestry, fishing and hunting, and mining	Construction	% of Total of All Workers	Manufacturing	% of Total of All Workers	Wholesale trade	Retail trade	% of Total of All Workers
Fort Zumwalt School District	59,516	401	3,500	5.9%	7,641	12.8%	2,198	7,758	13.0%
Francis Howell School District	60,988	467	3,303	5.4%	8,599	14.1%	2,101	6,817	11.2%
Hazelwood School District	55,719	150	2,416	4.3%	6,583	11.8%	1,107	6,702	12.0%
Orchard Farm School District	5,735	110	416	7.3%	795	13.9%	224	826	14.4%
St. Charles R-VI School District	28,228	109	1,568	5.6%	3,516	12.5%	775	3,661	13.0%
Troy School District	14,939	195	1,654	11.1%	2,169	14.5%	333	2,159	14.5%
Warren County School District	8,257	184	684	8.3%	1,453	17.6%	162	923	11.2%
Wentzville School District	38,065	208	3,080	8.1%	4,590	12.1%	1,411	5,235	13.8%
Wright City School District	5,462	47	814	14.9%	741	13.6%	108	795	14.6%
	Transportation and warehousing, and utilities	Information	Finance and insurance, and real estate and rental and leasing	Professional, scientific, and management, and administrative and waste management services	Educational services, and health care and social assistance	% of Total of All Workers	Arts, entertainment, and recreation, and accommodation and food services	Other services, except public administration	Public administration
Fort Zumwalt School District	2,633	1,322	5,919	5,613	12,577	21.1%	5,335	2,420	2,199
Francis Howell School District	2,729	1,371	6,270	6,854	13,006	21.3%	4,828	2,819	1,824
Hazelwood School District	3,750	1,450	4,580	5,471	12,726	22.8%	5,608	2,744	2,432
Orchard Farm School District	325	180	447	577	1,074	18.7%	400	245	116
St. Charles R-VI School District	1,324	579	1,812	2,702	6,756	23.9%	3,740	994	692
Troy School District	979	222	1,197	1,140	2,820	18.9%	912	739	420
Warren County School District	510	118	402	620	1,651	20.0%	826	477	247
Wentzville School District	1,618	906	3,811	3,632	7,722	20.3%	3,137	1,353	1,362
Wright City School District	261	76	291	466	973	17.8%	406	410	74
Employment at Management, Business, Science and Arts									
	Total Management, Business, Science and Arts	Agriculture, forestry, fishing and hunting, and mining	Construction	% of Category Total	Manufacturing	% of Category Total	Wholesale trade	Retail trade	% of Category Total
Fort Zumwalt School District	24,390	231	899	3.7%	3,302	13.5%	550	908	3.7%
Francis Howell School District	27,827	254	744	2.7%	4,758	17.1%	523	1,097	3.9%
Hazelwood School District	18,350	95	412	2.2%	2,183	11.9%	180	764	4.2%
Orchard Farm School District	2,358	92	63	2.7%	406	17.2%	24	76	3.2%
St. Charles R-VI School District	10,352	59	258	2.5%	1,453	14.0%	124	445	4.3%
Troy School District	4,239	136	253	6.0%	585	13.8%	62	327	7.7%
Warren County School District	2,203	110	31	1.4%	209	9.5%	0	57	2.6%
Wentzville School District	14,731	100	590	4.0%	1,878	12.7%	388	827	5.6%
Wright City School District	1,467	4	81	5.5%	209	14.2%	0	36	2.5%
	Transportation and warehousing, and utilities	Information	Finance and insurance, and real estate and rental and leasing	Professional, scientific, and management, and administrative and waste	Educational services, and health care and social assistance	% of Category Total	Arts, entertainment, and recreation, and accommodation and food	Other services, except public administration	Public administration
Fort Zumwalt School District	528	682	3,049	3,607	8,456	34.7%	970	608	600
Francis Howell School District	545	864	3,379	4,500	9,050	32.5%	919	599	595
Hazelwood School District	447	674	1,675	2,374	7,259	39.6%	702	601	984
Orchard Farm School District	131	121	227	363	718	30.4%	62	20	55
St. Charles R-VI School District	213	381	844	1,471	4,039	39.0%	635	164	266
Troy School District	67	50	371	505	1,602	37.8%	115	102	64
Warren County School District	18	64	100	258	1,016	46.1%	158	101	81
Wentzville School District	249	360	1,824	1,983	5,015	34.0%	648	510	359
Wright City School District	14	35	150	204	503	34.3%	69	128	34
Other Employment									
	Total Service Occupations	% of Total of All Workers	Total Sales and office occupations	% of Total of All Workers	Total Natural Resources, construction and maintenance	% of Total of All Workers	Total Production, Transportation and Material Moving Occupations		% of Total of All Workers
Fort Zumwalt School District	8,934	15.0%	16,121	27.1%	4,108	6.9%	5,963		10.0%
Francis Howell School District	7,972	13.1%	15,905	26.1%	4,330	7.1%	4,954		8.1%
Hazelwood School District	10,207	18.3%	16,646	29.9%	3,899	7.0%	6,617		11.9%
Orchard Farm School District	663	11.6%	1,637	28.5%	528	9.2%	549		9.6%
St. Charles R-VI School District	5,437	19.3%	7,570	26.8%	2,034	7.2%	2,835		10.0%
Troy School District	2,346	15.7%	3,986	26.7%	2,417	16.2%	1,951		13.1%
Warren County School District	1,421	17.2%	1,949	23.6%	1,197	14.5%	1,487		18.0%
Wentzville School District	5,606	14.7%	10,710	28.1%	3,516	9.2%	3,502		9.2%
Wright City School District	961	17.6%	1,263	23.1%	895	16.4%	876		16.0%

Wentzville R-IV School District

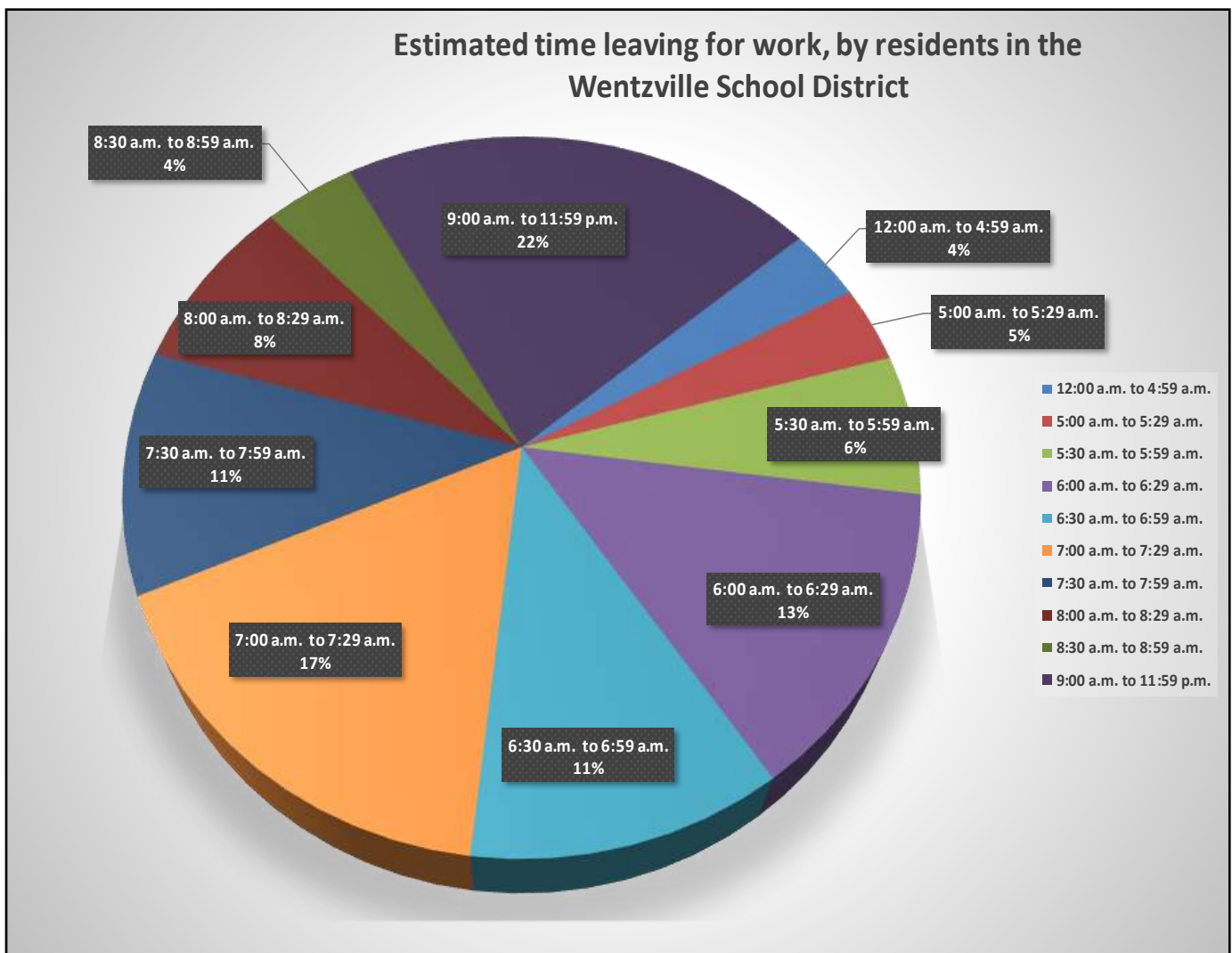
Figure 70, below, shows that 47.2 percent of the Wentzville school district residents have commutes of less than 20 minutes. In most areas of the country, that would be an excellent commute to work. However, compared with the residents of the other area school districts, only persons who live in Wright City, Warren County and Troy have longer commutes. Only 5.5 percent of the residents of Wentzville who commute to work need more than 60 minutes to get to the job. Again, that is more than most of the other district residents.

Figure 70. 2014 ACS data, showing total number of workers and commute times at area school districts.

Total Number of Workers and Commute Times												
School District	Total Number of Workers	Commuting Less than 10 minutes	%	Commuting 10 to 14 minutes	%	Commuting 15 to 19 minutes	%	Total 19 min or less	Commuting 20 to 24 minutes	%	Commuting 25 to 29 minutes	%
Fort Zumwalt School District	58,568	5,447	9.3%	7,438	12.7%	8,668	14.8%	36.8%	8,668	14.8%	4,861	8.3%
Francis Howell School District	60,067	4,205	7.0%	6,487	10.8%	9,551	15.9%	33.7%	11,953	19.9%	6,127	10.2%
Hazelwood School District	54,309	3,367	6.2%	5,648	10.4%	7,766	14.3%	30.9%	10,807	19.9%	4,616	8.5%
Orchard Farm School District	5,641	575	10.2%	750	13.3%	1,196	21.2%	44.7%	395	7.0%	1,032	18.3%
St. Charles R-VI School District	27,630	3,979	14.4%	4,283	15.5%	4,669	16.9%	46.8%	5,084	18.4%	2,183	7.9%
Troy School District	14,674	1,732	11.8%	1,937	13.2%	1,482	10.1%	35.1%	1,291	8.8%	734	5.0%
Warren County School District	8,144	1,246	15.3%	839	10.3%	709	8.7%	34.3%	603	7.4%	863	10.6%
Wentzville School District	37,582	4,585	12.2%	4,360	11.6%	4,360	11.6%	35.4%	4,435	11.8%	2,217	5.9%
Wright City School District	5,294	259	4.9%	334	6.3%	709	13.4%	24.6%	683	12.9%	307	5.8%
	Total Number of Workers	Commuting 30 to 34 minutes	%	Commuting 35 to 44 minutes	%	Commuting 45 to 59 minutes	%	Commuting 60 or more minutes	%	Total 35 min or less	Mean Travel Time to Work	
Fort Zumwalt School District	58,568	9,664	16.5%	5,974	10.2%	5,623	9.6%	2,226	3.8%	61.6%	25.5	
Francis Howell School District	60,067	10,572	17.6%	4,986	8.3%	4,265	7.1%	1,922	3.2%	61.5%	25.2	
Hazelwood School District	54,309	11,622	21.4%	4,616	8.5%	3,747	6.9%	2,064	3.8%	60.8%	26.0	
Orchard Farm School District	5,641	1,032	18.3%	474	8.4%	243	4.3%	226	4.0%	81.3%	23.9	
St. Charles R-VI School District	27,630	4,255	15.4%	1,741	6.3%	1,050	3.8%	359	1.3%	70.1%	20.6	
Troy School District	14,674	1,570	10.7%	1,526	10.4%	2,304	15.7%	2,098	14.3%	50.8%	33.1	
Warren County School District	8,144	1,108	13.6%	733	9.0%	953	11.7%	1,091	13.4%	58.5%	30.6	
Wentzville School District	37,582	5,900	15.7%	4,322	11.5%	5,374	14.3%	2,067	5.5%	57.0%	27.2	
Wright City School District	5,294	911	17.2%	625	11.8%	778	14.7%	688	13.0%	47.6%	34.7	

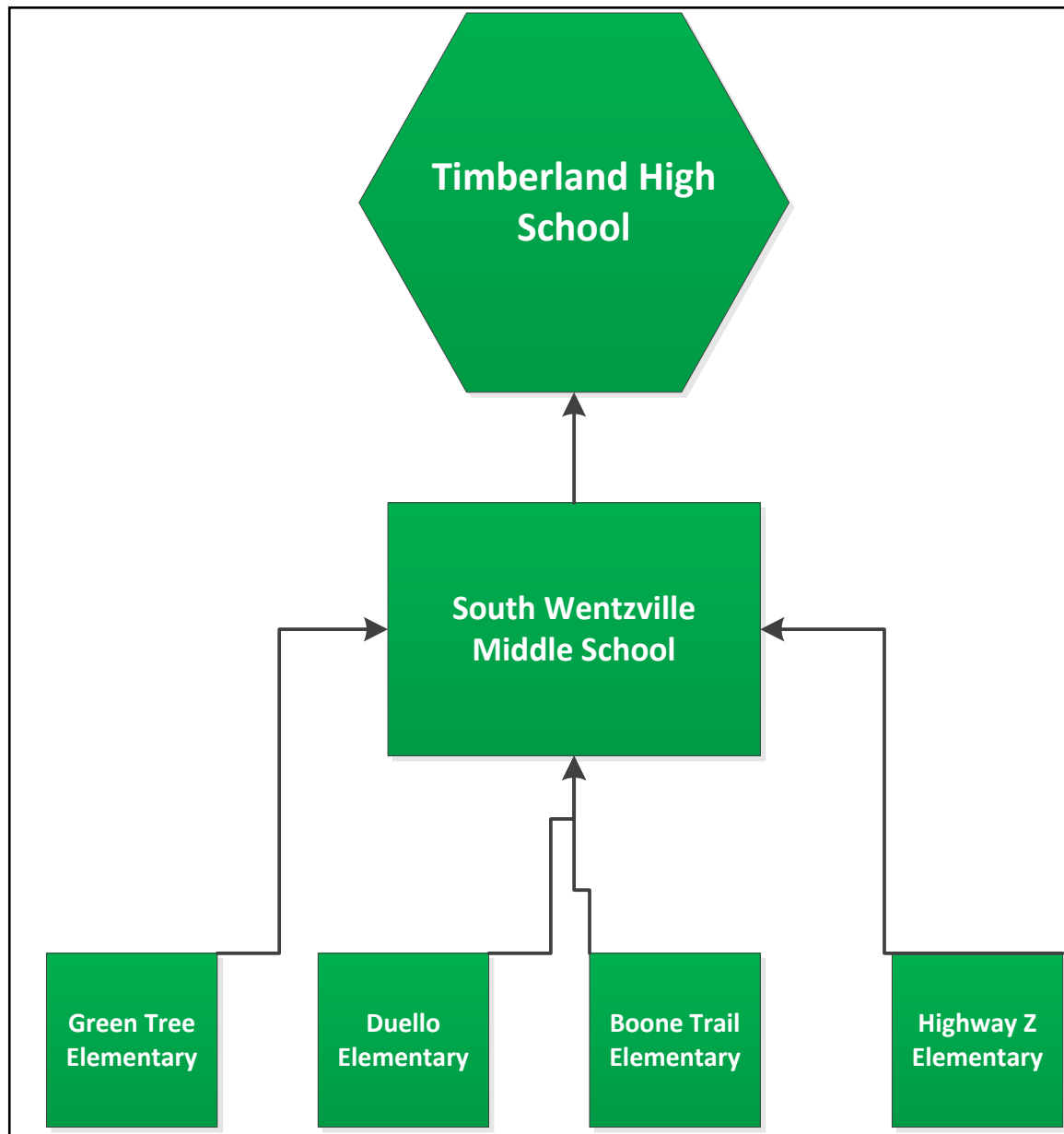
In terms of quality of life, usually a later commute time is better than an earlier one. The graph in Figure 71, below, shows an estimated 40 percent of the workers in Wentzville leave for work after 7 a.m. While not quite a majority, that is an excellent percentage in a large metro area, and when coupled with a mean commute time of only 27.2 minutes, this information points to a very livable place for most residents.

Figure 71. 2014 ACS data, showing estimated time leaving for work by residents in the Wentzville School District.



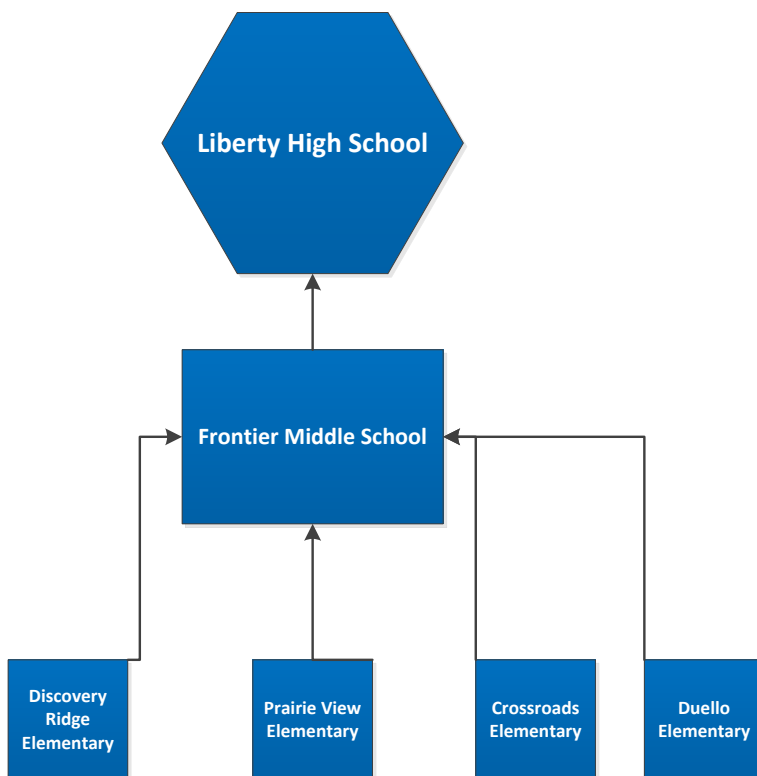
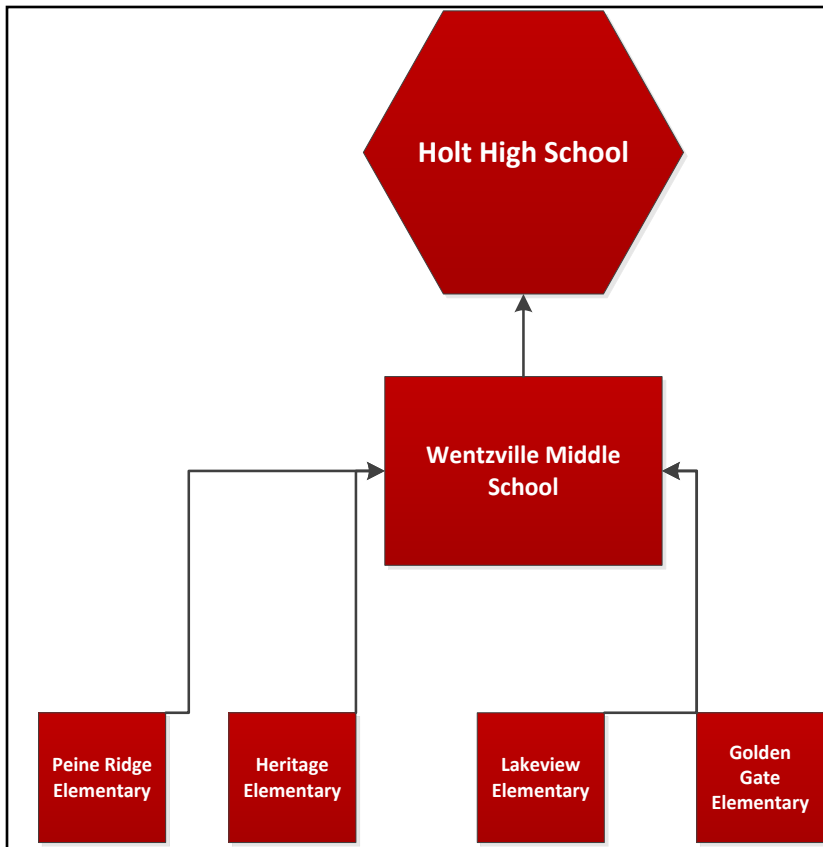
Figures 72-73. Feeder system for Timberland High School, and the system overall.

School Feeder System for the Wentzville School District		
ELEMENTARY SCHOOL	MIDDLE SCHOOL	HIGH SCHOOL
Peine Ridge	Wentzville MS	Holt HS
Golden Gate	Wentzville MS	Holt HS
Heritage	Wentzville MS	Holt HS
Lakeview	Wentzville MS	Holt HS
Green Tree	South Wentzville MS	Timberland HS
Duello	South Wentzville MS	Timberland HS
Hwy Z	South Wentzville MS	Timberland HS
Boone Trail	South Wentzville MS	Timberland HS
Discover Ridge	Frontier MS	Liberty HS
Duello	Frontier MS	Liberty HS
Prairie View	Frontier MS	Liberty HS
Crossroads	Frontier MS	Liberty HS



Figures 74-75. Feeder system for Liberty and Holt high schools.

BUILDING PROFILES



In this study, we have developed building-by-building comparisons for the last decade, which included free and reduced lunch numbers and racial make-up of the student enrollments, administrative comparisons, and individual building enrollment projections for the next 10 years.

From these building comparisons, you can spot trends and how the enrollment in the building and attendance area is changing.

The maps for each building show where the students attending the school actually live, based on the 2015-16 attendance boundaries and that school year's roster.

Based on the new attendance areas, we have updated the feeder diagrams on these two pages, as well as the matrix on p. 78-79.

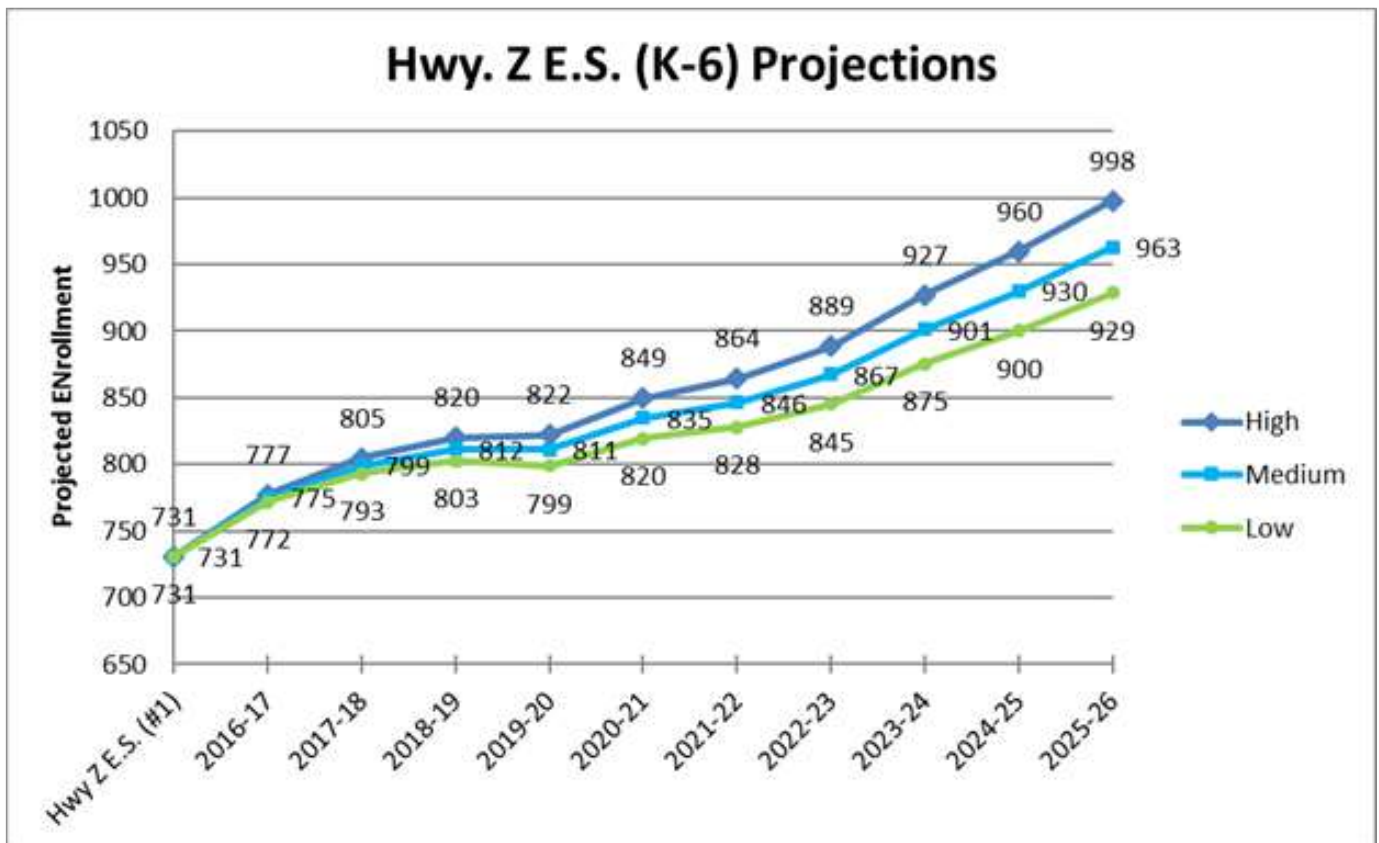
Figure 76. The table below shows a comparison between where students attend school verses where they actually live. We developed this table based on matching all the district's students' home addresses to latitude/longitude coordinates provided by the district's transportation department for the 2016-17 roster. This table is based on the new attendance boundaries approved by the board in December 2016. For those middle school students who are shown attending elementaries, it is because in the fall 2017, 6th graders will move from the middle schools to the elementaries.

		Where Student Attends School											
	Student Grade Levels	School	BOONE TRAIL ELEMENTARY	CROSSROADS ELEMENTARY	DISCOVERY RIDGE ELEMENTARY	DUETTO ELEMENTARY	GOLDEN GATE ELEMENTARY	GREEN TREE ELEMENTARY	HERITAGE	HIGHWAYZ ELEM	LAKEVIEW ELEMENTARY	PEINE RIDGE ELEMENTARY SCHOOL	PRAIRIE VIEW ELEMENTARY
Where Student Lives	K-5	Boone Trail Elementary	696	4	1	80	0	3		0			2
	K-5	Crossroads Elementary	1	639	3	6	0	5	2	0	3		37
	K-5	Discovery Ridge Elementary	1	7	723	1	0	1	3	0			1
	K-5	Duello Elementary	2	5	335	329	0	5	1	0			1
	K-5	Golden Gate	4		0	4	0		509	0	2	96	0
	K-5	Green Tree Elementary	0	5	0	5	0	587	2	0			1
	K-5	Heritage Elementary	3	3	1	5	0	3	829	0	158	52	
	K-5	Hwy Z	247	7	0	379	0	5	3	0	6		
	K-5	Lakeview Elementary	7	3	0	5	0	3	4	0	646		
	K-5	Peine Ridge Elementary	5	2	0	1	0	2	5	0	1	583	
	K-5	Prairie View Elementary	3	9	2	1	0	1	1	0			571
	6-8	Frontier Middle											
	6-8	Wentzville Middle											
	6-8	Wentzville South Middle											
	9-12	Holt High											
	9-12	Liberty High											
	9-12	Timberland High											
	All	Out of District	2		5	4		2	5		3		
	PS/PK	In-District											
	TOTAL	971	684	1,070	820	0	617	1,364		819	731	613	
	TOTAL OUT OF DISTRICT	275	45	347	487		30	532		167	148	42	

2016-17 Enrollment and Demographics Study

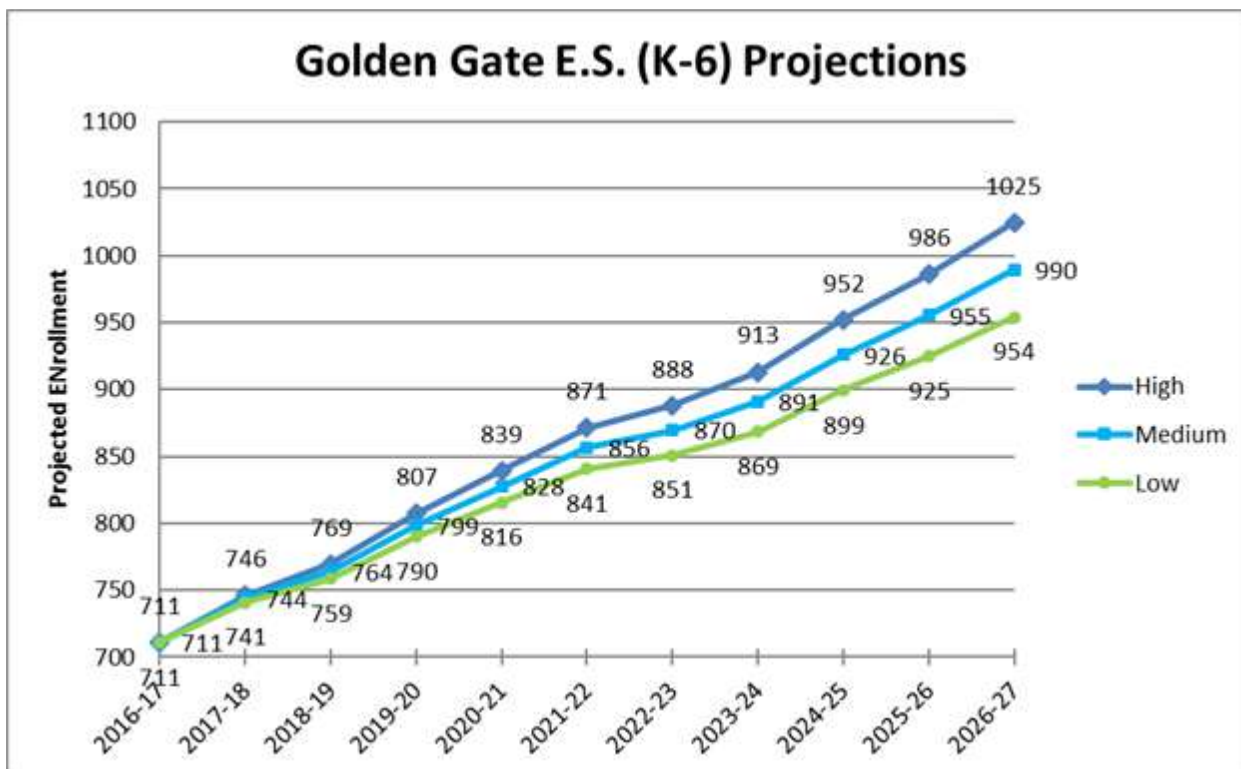
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Figure 77. Highway Z Elementary School projections, 2017-2027.



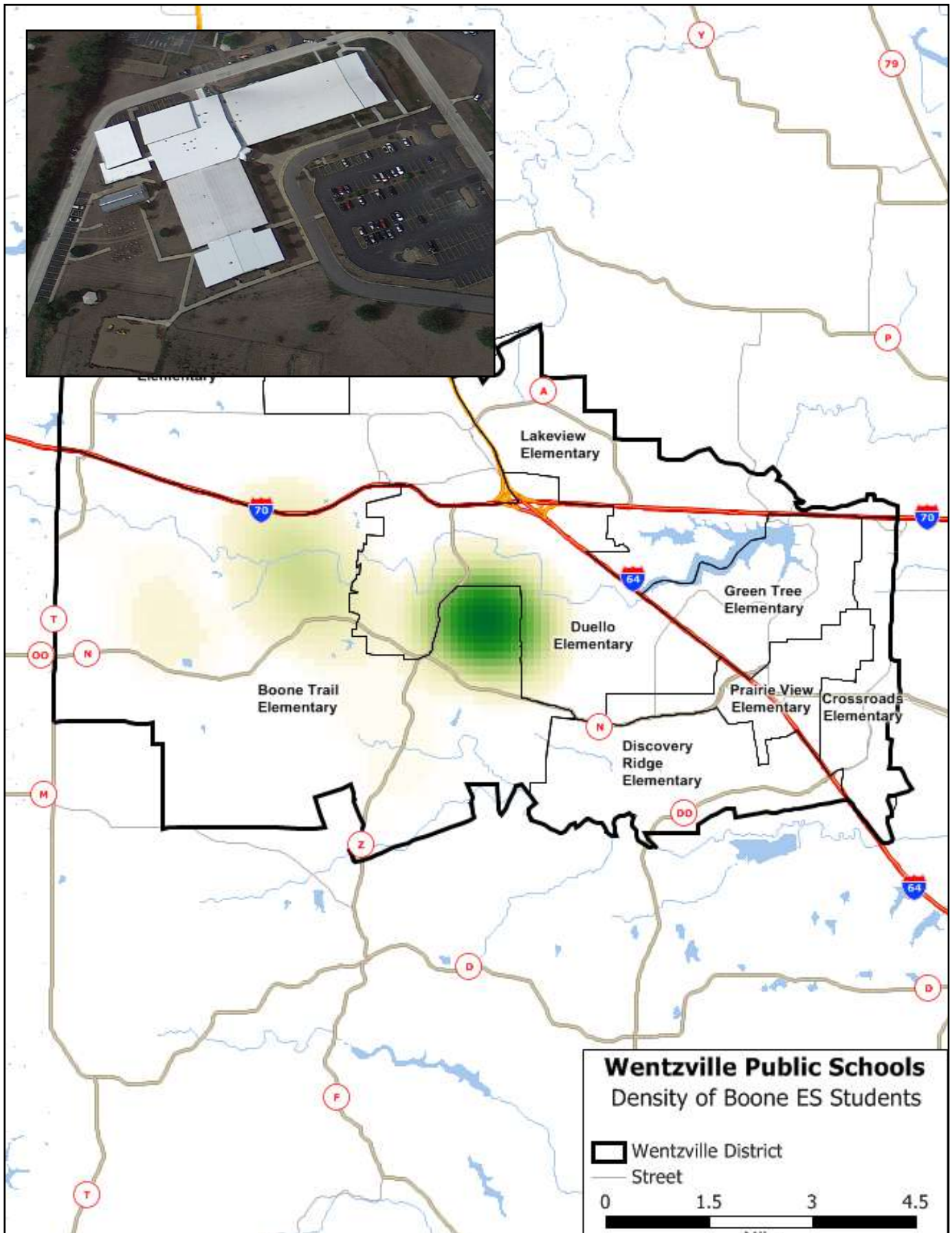
We do not have enrollment data or student distributions for the Highway Z or Golden Gate elementary schools because these schools are planned to open in the fall 2017. The charts below show our 10-year projections based on the new attendance boundaries, approved by the board in the December 2016 meeting.

Figure 78. Golden Gate Elementary School projections, 2017-2027.



Wentzville R-IV School District

Figures 79-80. Aerial photo of Boone Trail Elementary School and distribution of students.



2016-17 Enrollment and Demographics Study

Figure 81. Free and reduced lunches at Boone Trail Elementary School, 2004-2016.

Free & Reduced Lunches	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Change in Overall Enrollment 2004-2016	Change in Overall Percentage 2004-2016
Number	191	182	172	136	82	96	116	124	149	144	162	155	152	-39	
Percent	23.1%	18.6%	17.1%	14.4%	11.9%	13.3%	15.7%	13.9%	16.3%	16.0%	17.6%	16.4%	16.0%	-20.2%	-30.7%

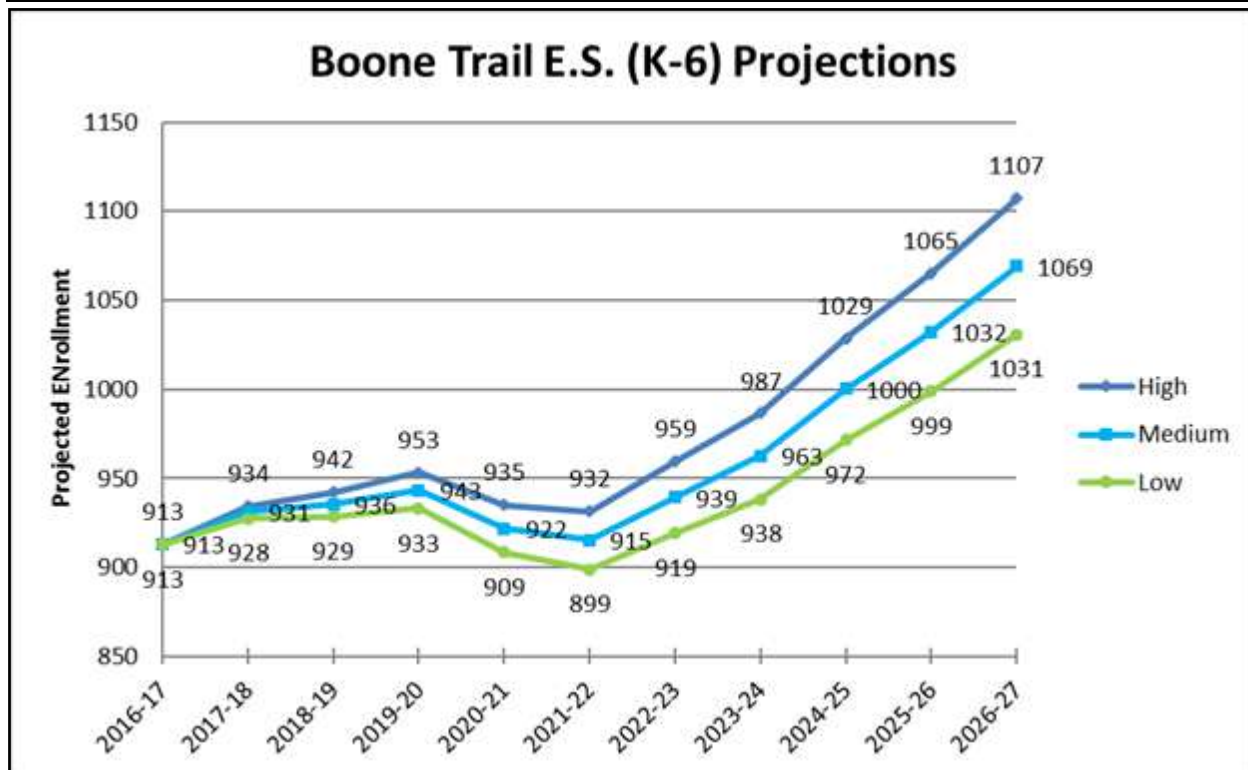
Figure 82. Racial demographic percentages of Boone Trail Elementary School, 2004-2015.

Race	2004	%	2005	%	2010	%	2011	%	2012	%	2013	%	2014	%	2015	%	Change 2004-2015	% Change Racial Makeup 2004-2015	% Change Overall Enrollment 2004-2015
Asian	3	0.3%	11	1.0%	11	1.3%	8	0.9%	6	0.7%	3	0.3%	7	0.8%	4	0.4%	1	33.3%	-55.7%
Black	29	3.3%	52	4.8%	43	4.9%	33	3.7%	32	3.5%	32	3.5%	33	3.6%	29	3.1%	0	-6.1%	-98.3%
Hispanic	17	1.9%	16	1.5%	14	1.6%	15	1.7%	22	2.4%	22	2.4%	27	2.9%	31	3.3%	15	73.7%	-12.0%
Indian	0	0.0%	2	0.2%	4	0.5%	5	0.6%	3	0.3%	4	0.4%	5	0.5%	5	0.5%	5	#DIV/0!	#DIV/0!
Multi-Race	Calculated from 2011-2015						5	0.6%	11	1.2%	12	1.3%	13	1.4%	19	2.0%	14	233.3%	153.9%
Pacific Islander							0	0.0%	0	0.0%	0	0.0%	1	0.1%	0	0.0%	0	#DIV/0!	#DIV/0!
White	826	94.4%	997	92.5%	802	91.8%	826	92.6%	841	91.9%	829	91.9%	833	90.6%	859	90.7%	33	-3.9%	-96.0%

Figure 83. Administrative percentages of Boone Trail Elementary School, 2004-2016.

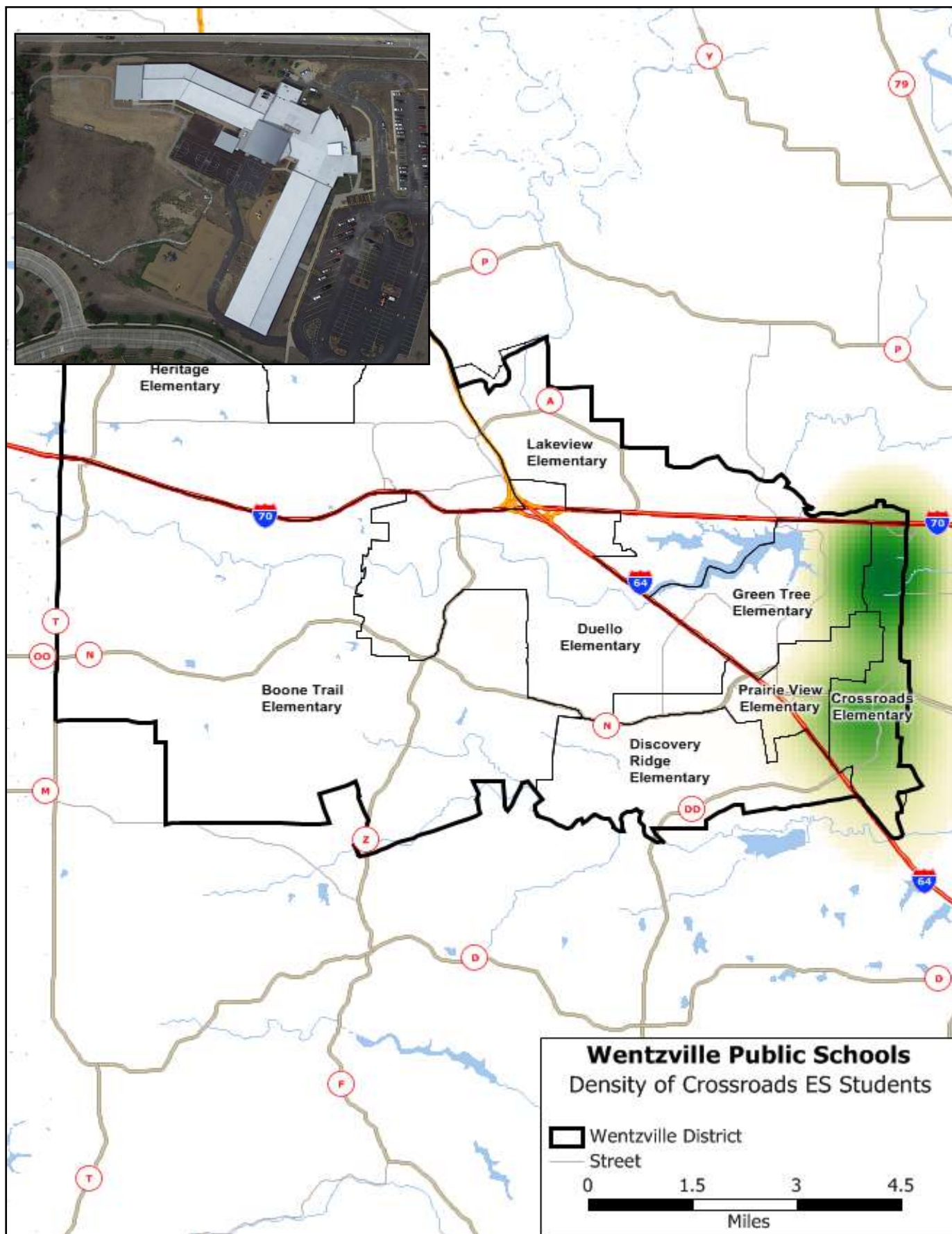
Statistic	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Actual Change 2004-2016	% Change 2004-2016
Students per administrator	438	539	356	458	338	429	437	446	458	451	460	316	318	-120	-27.4%
Students per teacher	16	17	16	17	15	17	17	16	17	16	16	16	16	0	0.0%
Average administrator salary	\$59,996	\$72,134	\$64,659	\$69,363	\$75,606	\$82,075	\$86,753	\$90,137	\$92,660	\$96,552	\$101,380	\$91,889	\$95,274	\$35,278	58.8%
Average teacher salary	\$37,813	\$38,777	\$38,504	\$40,322	\$44,766	\$48,133	\$51,355	\$52,400	\$52,829	\$54,966	\$57,219	\$58,132	\$59,545	\$21,732	57.5%
Average teacher experience (in years)	9.8	9.0	7.9	9.2	9.2	10.3	11.3	11.5	11.3	12.1	12.6	12.9	13.5	3.7	37.8%
Percent of teachers with a master's degree	44.2%	41.0%	58.1%	63.9%	72.5%	62.2%	80.0%	77.5%	80.4%	82.2%	82.5%	84.6%	84.0%	39.8%	90.0%

Figure 84. Boone Trail Elementary School projections, 2017-2027.



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Figures 85-86. Aerial photo of Crossroads Elementary School and distribution of students.



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Figure 87. Free and reduced lunches at Crossroads Elementary School , 2004-2016.

Free & Reduced Lunches	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Change in Overall Enrollment 2004-2016	Change in Overall Percentage 2004-2016
Number	89	93	92	76	95	106	114	132	144	145	144	139	135	46	
Percent	11.3%	10.7%	10.9%	10.1%	13.0%	15.2%	15.9%	15.4%	17.1%	18.8%	18.7%	18.7%	18.3%	52.4%	62.5%

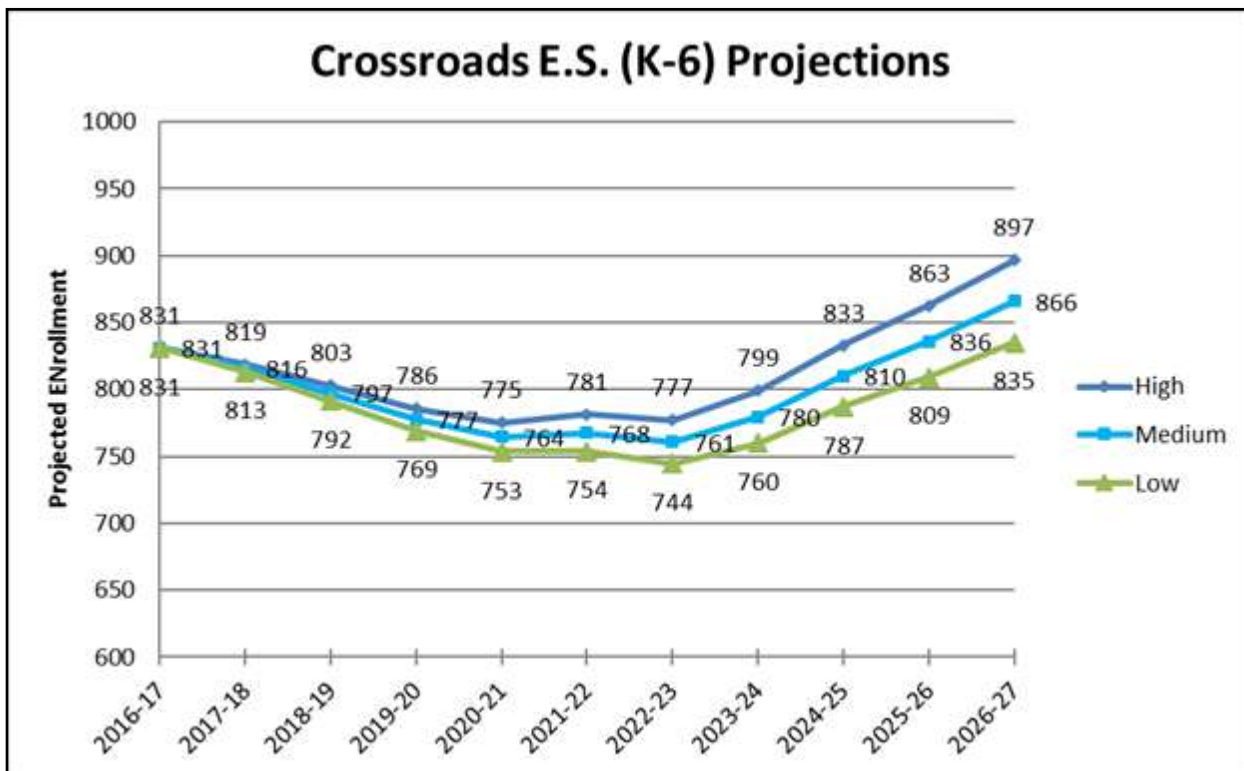
Figure 88. Racial demographic percentages of Crossroads Elementary School, 2004-2015.

Race	2004	%	2005	%	2010	%	2011	%	2012	%	2013	%	2014	%	2015	%	Change 2004-2015	% Change Racial Makeup 2004-2015	% Change Overall Enrollment 2004-2015
Asian	4	0.5%	11	1.2%	29	3.4%	26	3.0%	27	3.2%	33	4.3%	35	4.5%	26	3.5%	22	600.0%	418.6%
Black	43	5.1%	43	4.5%	53	6.2%	57	6.6%	46	5.5%	50	6.5%	51	6.6%	45	6.0%	2	17.6%	-96.0%
Hispanic	5	0.6%	11	1.2%	27	3.2%	21	2.4%	25	3.0%	37	4.8%	35	4.5%	33	4.4%	28	633.3%	448.1%
Indian	6	0.7%	3	0.3%	0	0.0%	1	0.1%	0	0.0%	0	0.0%	2	0.3%	2	0.3%	-4	-57.1%	-162.1%
Multi-Race	Calculated from 2011-2015						5	0.6%	9	1.1%	12	1.6%	19	2.5%	30	4.0%	25	566.7%	378.2%
Pacific Islander							1	0.1%	1	0.1%	1	0.1%	1	0.1%	0	0.0%	-1	-100.0%	-200.0%
White	785	93.1%	882	92.8%	743	87.2%	748	87.1%	736	87.2%	636	82.7%	629	81.5%	609	81.7%	-176	-12.2%	-122.4%

Figure 89. Administrative percentages of Crossroads Elementary School, 2004-2016.

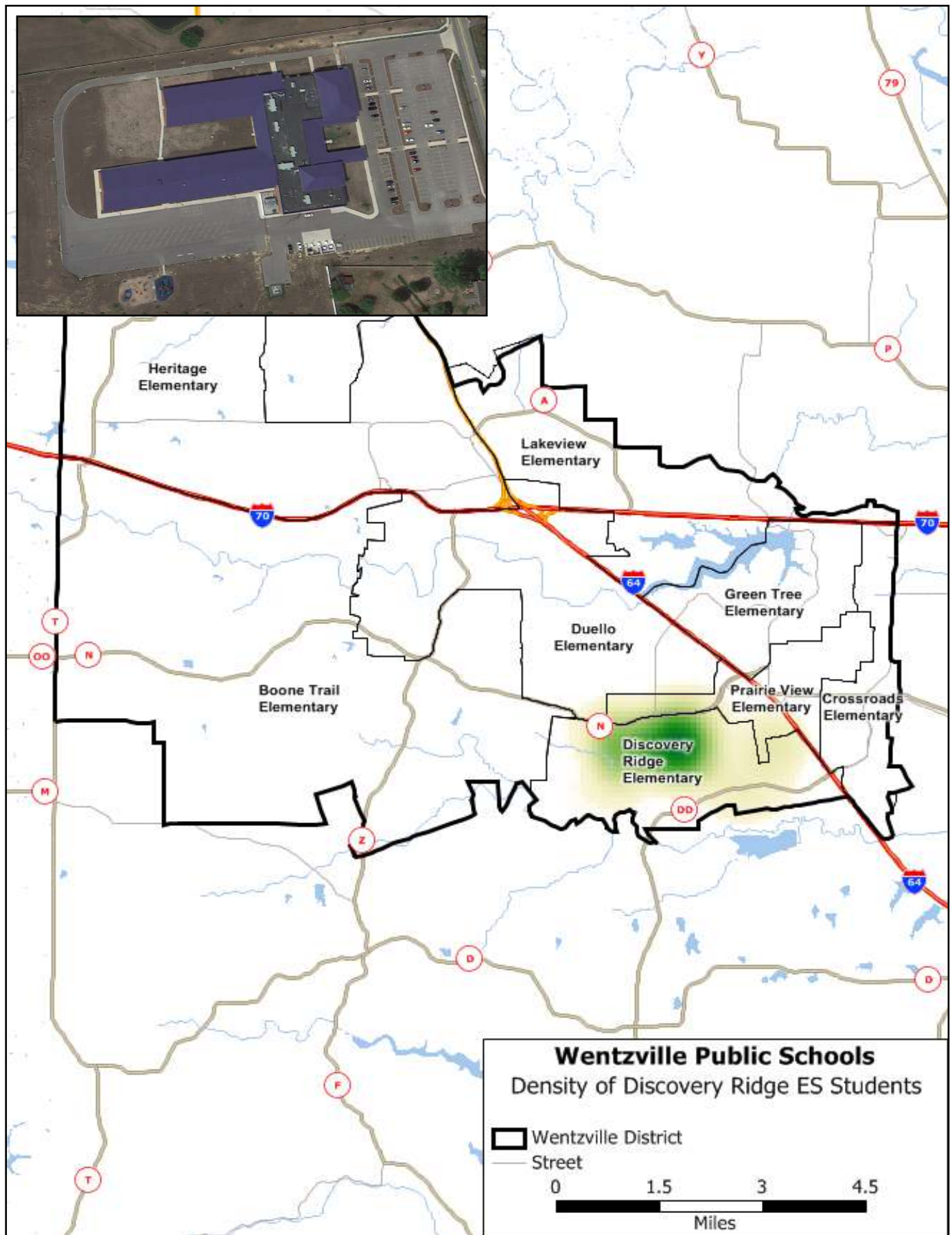
Statistic	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Actual Change 2004-2016	% Change 2004-2016
Students per administrator	422	475	463	447	423	828	426	430	422	385	386	373	369	-53	-12.6%
Students per teacher	18	17	17	17	17	16	16	16	16	15	16	15	15	-3	-16.7%
Average administrator salary	\$74,538	\$77,267	\$80,358	\$77,236	\$83,253	\$106,016	\$88,030	\$91,463	\$94,024	\$92,898	\$79,675	\$83,261	\$86,433	\$11,895	16.0%
Average teacher salary	\$38,653	\$39,040	\$40,095	\$41,746	\$46,116	\$48,513	\$51,478	\$52,240	\$52,095	\$53,423	\$55,575	\$56,317	\$57,619	\$18,966	49.1%
Average teacher experience (in years)	8.5	8.0	8.7	10.0	10.2	11.1	11.8	11.8	11.6	12.4	12.8	13.1	13.1	4.6	54.1%
Percent of teachers with a master's degree	44.0%	39.2%	39.8%	44.0%	61.0%	45.7%	75.2%	75.2%	72.9%	72.7%	75.5%	74.2%	79.6%	35.6%	80.9%

Figure 90. Crossroads Elementary School projections, 2017-2027.



Wentzville R-IV School District

Figures 91-92. Aerial photo of Discovery Ridge Elementary School and distribution of students.



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Figure 93. Free and reduced lunches at Discovery Ridge Elementary School , 2011-2016.

Free & Reduced Lunches	2011	2012	2013	2014	2015	2016	Change in Overall Enrollment 2004-2016	Change in Overall Percentage 2004-2016
Number	101	110	128	116	137	130	30	
Percent	23.6%	21.0%	21.1%	17.2%	17.1%	14.2%	29.5%	-39.8%

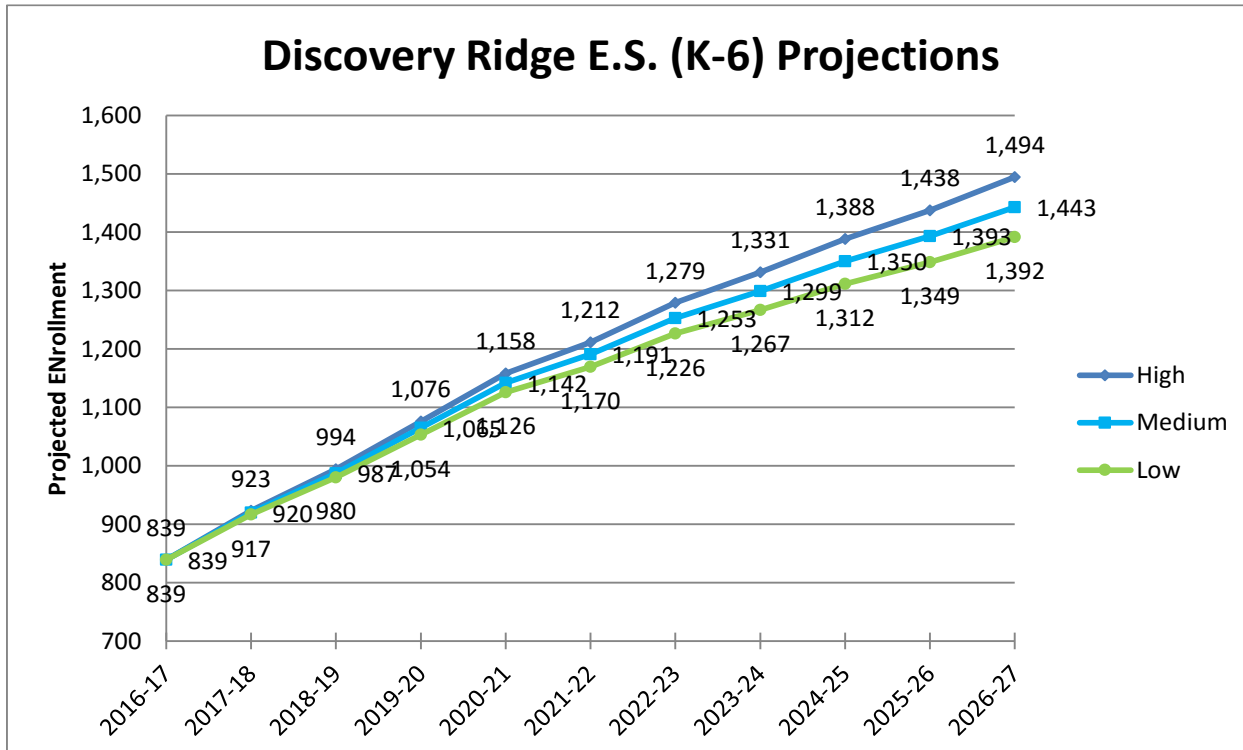
Figure 94. Racial demographic percentages of Discovery Ridge Elementary School, 2011-2015.

Race	2004	%	2005	%	2010	%	2011	%	2012	%	2013	%	2014	%	2015	%	Change 2011-2015	% Change Racial Makeup 2011-2015	% Change Overall Enrollment 2011-2015
Asian	n/a	n/a	n/a	n/a	n/a	n/a	15	3.5%	19	3.6%	23	3.8%	20	3.0%	20	2.5%	5	-28.6%	-65.8%
Black	n/a	n/a	n/a	n/a	n/a	n/a	26	6.1%	29	5.5%	34	5.6%	37	5.5%	36	4.5%	10	-26.2%	-61.4%
Hispanic	n/a	n/a	n/a	n/a	n/a	n/a	12	2.8%	25	4.8%	30	4.9%	38	5.6%	43	5.4%	31	92.9%	162.2%
Indian	n/a	n/a	n/a	n/a	n/a	n/a	2	0.5%	2	0.4%	3	0.5%	2	0.3%	2	0.2%	-1	-60.0%	-124.9%
Multi-Race	Calculated from 2011-2015						1	0.2%	2	0.4%	12	2.0%	20	3.0%	33	4.1%	32	1950.0%	3650.4%
Pacific Islander							1	0.2%	0	0.0%	0	0.0%	0	0.0%	2	0.2%	1	0.0%	-12.2%
White	n/a	n/a	n/a	n/a	n/a	n/a	370	86.7%	447	85.3%	505	83.2%	557	82.6%	666	83.0%	295	-4.3%	-20.2%

Figure 95. Administrative percentages of Discovery Ridge Elementary School, 2011-2016.

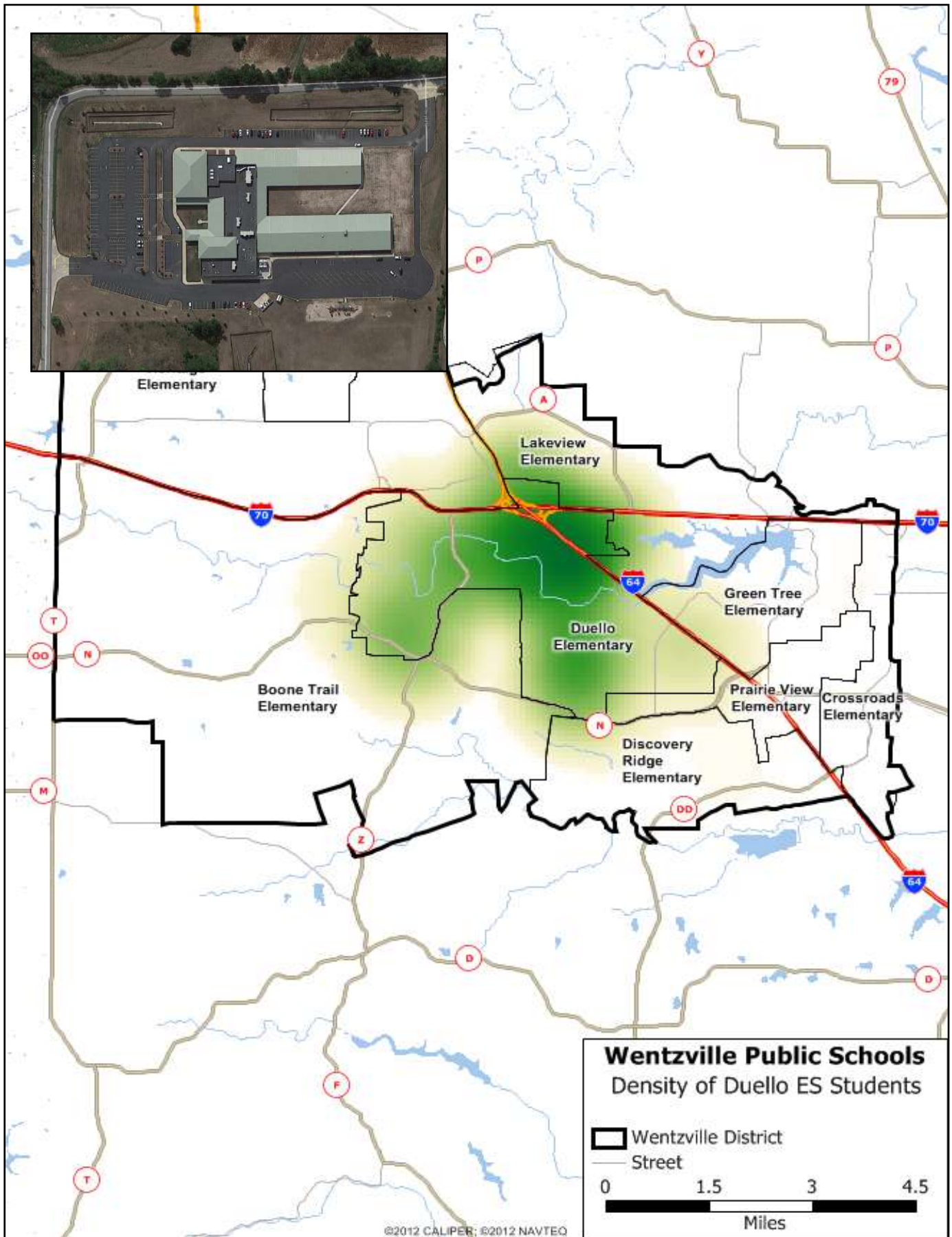
Statistic	2011	2012	2013	2014	2015	2016	Actual Change 20011-2016	% Change 2011-2016
Students per administrator	427	524	304	337	401	306	-121	-28.3%
Students per teacher	14	16	16	16	17	16	2	14.3%
Average administrator salary	\$87,000	\$89,436	\$79,096	\$83,051	\$86,299	\$79,791	-\$7,209	-8.3%
Average teacher salary	\$44,958	\$45,691	\$46,320	\$48,274	\$49,873	\$57,619	\$12,661	28.2%
Average teacher experience (in years)	7.6	8.0	8.0	8.1	8.7	9.5	1.9	25.0%
Percent of teachers with a master's degree	65.5%	74.2%	69.9%	62.6%	71.5%	67.9%	2.4%	3.7%

Figure 96. Discovery Ridge Elementary School projections, 2017-2027.



Wentzville R-IV School District

Figures 97-98. Aerial photo of Duello Elementary School and distribution of students.



2016-17 Enrollment and Demographics Study

Figure 99. Free and reduced lunches at Duello Elementary School, 2008-2016.

Free & Reduced Lunches	2008	2009	2010	2011	2012	2013	2014	2015	2016	Change in Overall Enrollment 2008-2016	Change in Overall Percentage 2008-2016
Number	138	140	159	190	202	224	252	225	211	73	
Percent	32.8%	30.2%	33.5%	30.6%	30.8%	32.3%	32.5%	29.2%	26.6%	53.2%	-18.9%

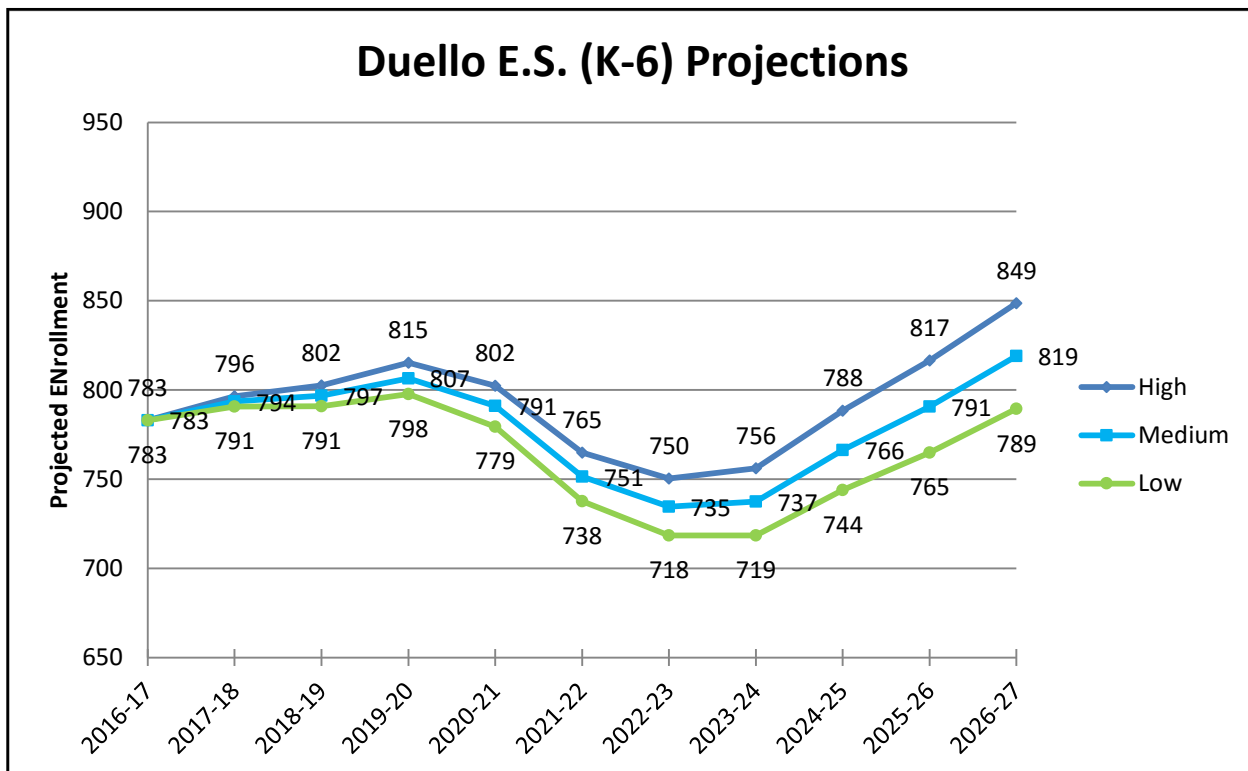
Figure 100. Racial demographic percentages of Duello Elementary School, 2010-2015.

Race	2004	%	2010	%	2011	%	2012	%	2013	%	2014	%	2015	%	Change 2010-2015	% Change Racial Makeup 2010-2015	% Change Overall Enrollment 2010-2015
Asian	n/a	n/a	6	1.0%	10	1.6%	10	1.5%	12	1.7%	12	1.5%	15	2.0%	10	100.0%	64.3%
Black	n/a	n/a	43	7.4%	59	9.5%	70	10.7%	73	10.5%	64	8.2%	46	6.0%	3	-18.9%	-92.9%
Hispanic	n/a	n/a	15	2.6%	19	3.1%	19	2.9%	25	3.6%	34	4.4%	40	5.2%	25	100.0%	64.3%
Indian	n/a	n/a	2	0.3%	2	0.3%	2	0.3%	5	0.7%	4	0.5%	3	0.4%	1	33.3%	-23.8%
Multi-Race	Calculated from 2011-2015				0	0.0%	0	0.0%	2	0.3%	13	1.7%	27	3.5%	27	#DIV/0!	#DIV/0!
Pacific Islander					0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	#DIV/0!	#DIV/0!
White	n/a	n/a	516	88.7%	532	85.5%	555	84.6%	579	83.4%	649	83.6%	638	83.0%	122	-6.4%	-76.4%

Figure 101. Administrative percentages of Duello Elementary School, 2008-2016.

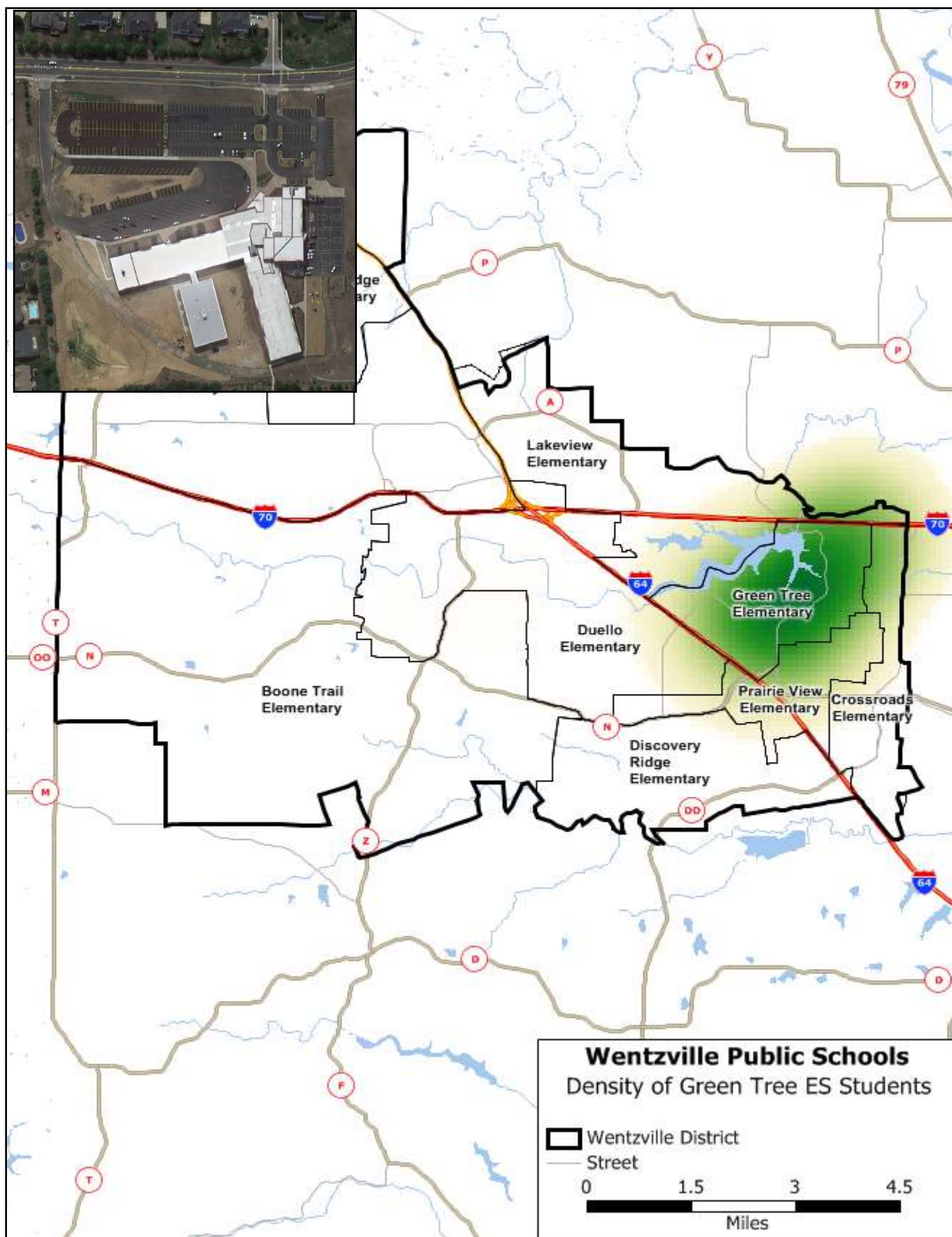
Statistic	2008	2009	2010	2011	2012	2013	2014	2015	2016	Actual Change 2008-2016	% Change 2008-2016
Students per administrator	504	548	291	311	298	347	388	385	306	-198	-39.3%
Students per teacher	16	15	15	15	15	16	17	16	15	-1	-6.3%
Average administrator salary	\$95,000	\$100,700	\$82,384	\$82,553	\$87,106	\$93,097	\$97,752	\$94,659	\$98,265	\$3,265	3.4%
Average teacher salary	\$41,785	\$42,119	\$44,141	\$45,454	\$46,534	\$48,005	\$50,043	\$50,739	\$51,195	\$9,410	22.5%
Average teacher experience (in years)	7.7	7.1	7.0	7.3	7.9	8.4	8.8	8.8	8.9	1.2	15.6%
Percent of teachers with a master's degree	43.9%	32.6%	50.1%	52.0%	64.5%	68.2%	69.5%	77.5%	69.2%	25.3%	57.6%

Figure 102. Duello Elementary School projections, 2017-2027.



Wentzville R-IV School District

Figures 103-104. Aerial photo of Green Tree Elementary School and distribution of students.



2016-17 Enrollment and Demographics Study

Figure 105. Free and reduced lunches at Green Tree Elementary School , 2004-2016.

Free & Reduced Lunches	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Change in Overall Enrollment 2004-2016	Change in Overall Percentage 2004-2016
Number	51	59	63	71	62	110	136	165	163	206	209	204	172	121	
Percent	8.5%	9.5%	9.5%	11.8%	10.1%	17.8%	22.2%	23.0%	23.5%	28.4%	29.3%	29.5%	26.6%	239.7%	214.4%

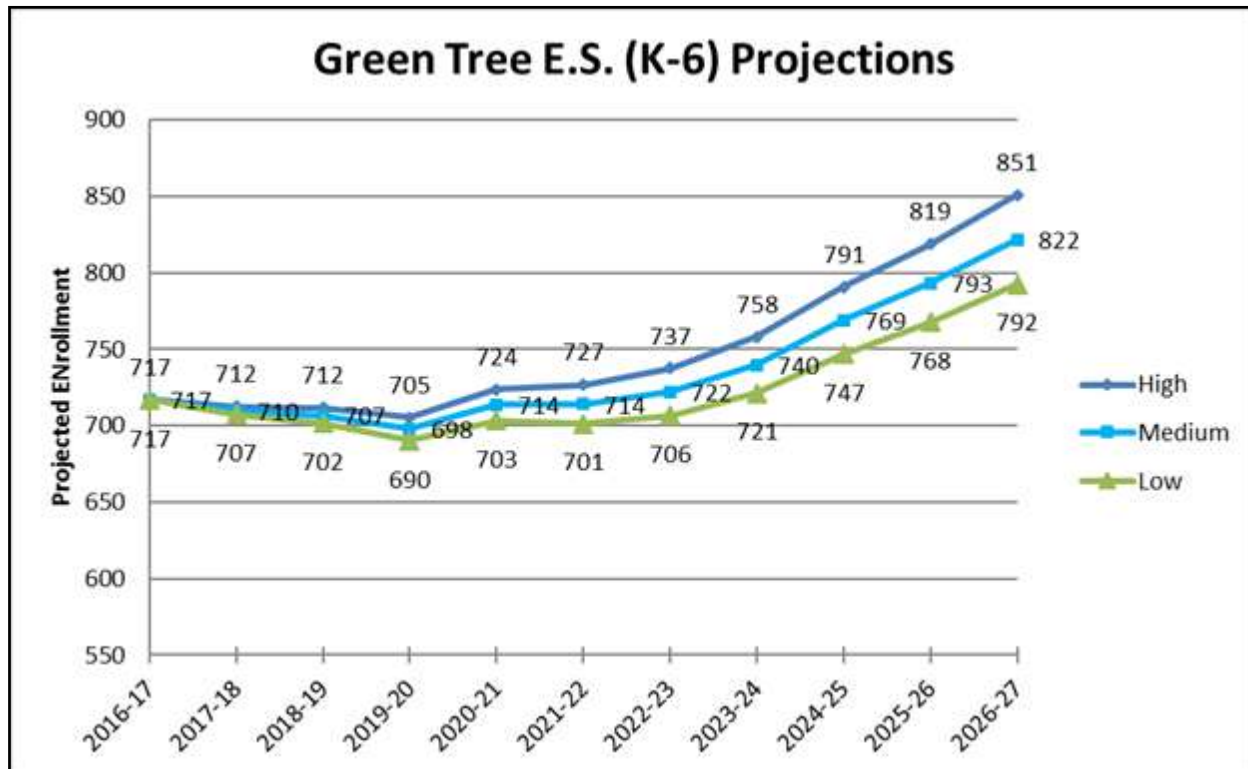
Figure 106. Racial demographic percentages of Green Tree Elementary School, 2004-2015.

Race	2004	%	2005	%	2010	%	2011	%	2012	%	2013	%	2014	%	2015	%	Change 2004-2015	% Change Racial Makeup 2004-2015	% Change Overall Enrollment 2004-2015
Asian	5	0.8%	6	0.9%	19	2.6%	21	2.9%	19	2.7%	17	2.3%	23	3.2%	20	2.9%	15	262.5%	190.1%
Black	25	3.9%	31	4.5%	44	6.0%	36	5.0%	33	4.8%	46	6.3%	51	7.1%	47	6.8%	22	74.4%	-12.4%
Hispanic	1	0.2%	2	0.3%	16	2.2%	24	3.3%	18	2.6%	24	3.3%	19	2.7%	23	3.3%	22	1550.0%	1575.5%
Indian	2	0.3%	3	0.4%	2	0.3%	3	0.4%	2	0.3%	4	0.6%	3	0.4%	1	0.1%	-1	-66.7%	-164.1%
Multi-Race	Calculated from 2011-2015						8	1.1%	7	1.0%	11	1.5%	8	1.1%	25	3.6%	17	227.3%	115.9%
Pacific Islander							0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	#DIV/0!	#DIV/0!
White	611	94.9%	641	93.9%	653	89.0%	626	87.2%	614	88.6%	623	85.9%	611	85.5%	577	83.3%	-34	-12.2%	-105.5%

Figure 107. Administrative percentages of Green Tree Elementary School, 2004-2016.

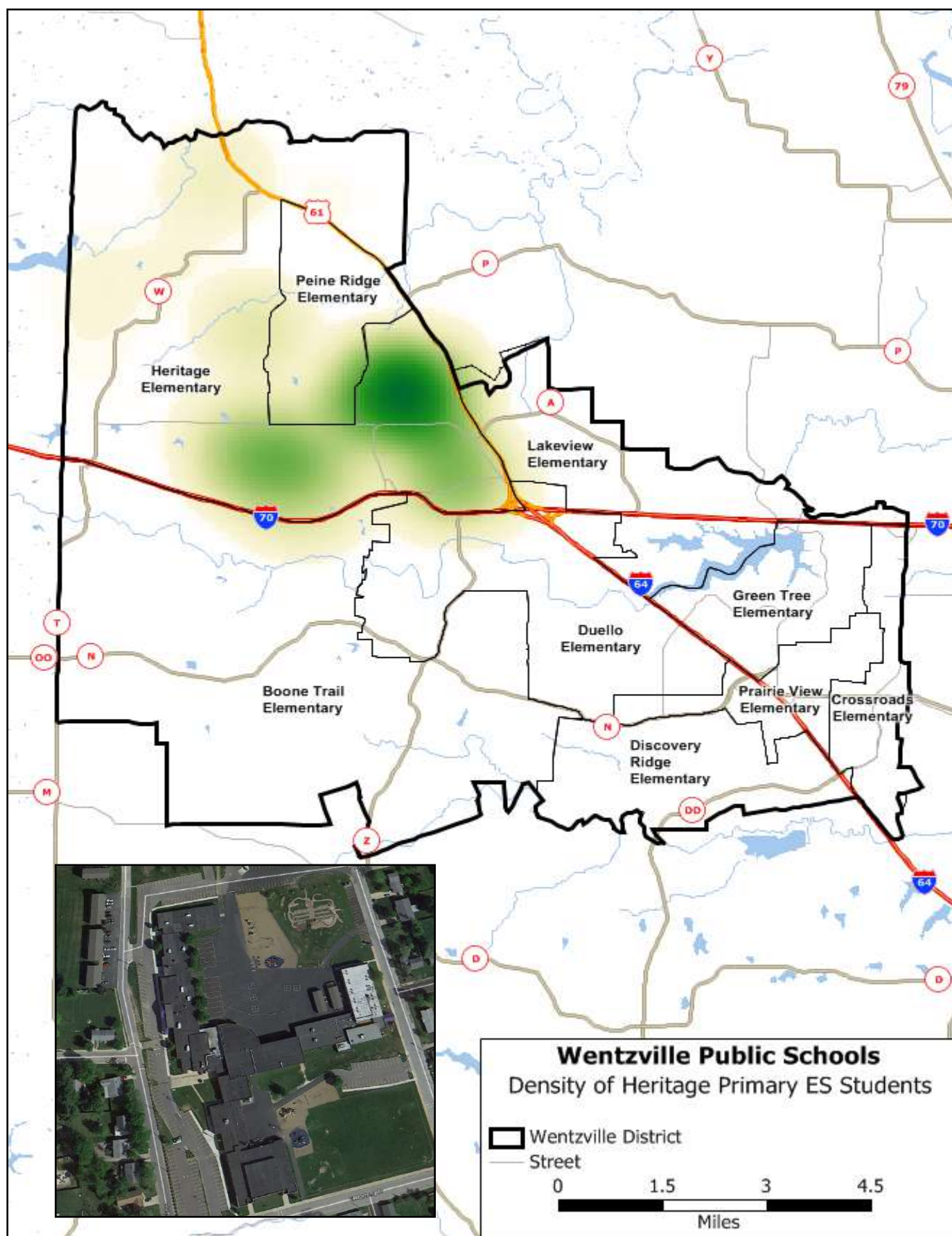
Statistic	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Actual Change 2004-2016	% Change 2004-2016
Students per administrator	322	342	354	442	434	360	367	359	347	363	358	347	332	10	3.1%
Students per teacher	17	18	18	18	17	17	16	15	15	16	15	14	14	-3	-17.6%
Average administrator salary	\$57,972	\$66,712	\$71,699	\$75,404	\$77,434	\$79,760	\$84,306	\$81,393	\$83,672	\$87,186	\$87,991	\$91,263	\$92,191	\$34,219	59.0%
Average teacher salary	\$42,366	\$44,111	\$43,862	\$41,482	\$44,357	\$46,752	\$47,585	\$49,256	\$50,294	\$52,227	\$54,624	\$56,957	\$58,011	\$15,645	36.9%
Average teacher experience (in years)	10.7	10.8	10.4	8.6	8.7	9.5	9.8	10.0	10.6	11.3	11.5	12.5	13.0	2.3	21.5%
Percent of teachers with a master's degree	65.0%	65.1%	72.3%	59.5%	59.8%	59.7%	61.1%	74.1%	78.4%	77.1%	82.4%	80.8%	80.8%	15.8%	24.3%

Figure 108. Green Tree Elementary School projections, 2017-2027.



Wentzville R-IV School District

Figures 109-110. Aerial photo of Heritage Primary School and distribution of students.



2016-17 Enrollment and Demographics Study

Figure 111. Free and reduced lunches at Heritage Primary School , 2004-2016.

Free & Reduced Lunches	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Change in Overall Enrollment 2004-2016	Change in Overall Percentage 2004-2016
Number	181	164	164	215	160	180	186	100	117	124	132	135	135	-46	
Percent	29.3%	23.5%	21.0%	36.4%	31.2%	35.1%	35.3%	18.8%	21.5%	22.1%	22.2%	22.4%	21.4%	-25.6%	-26.9%

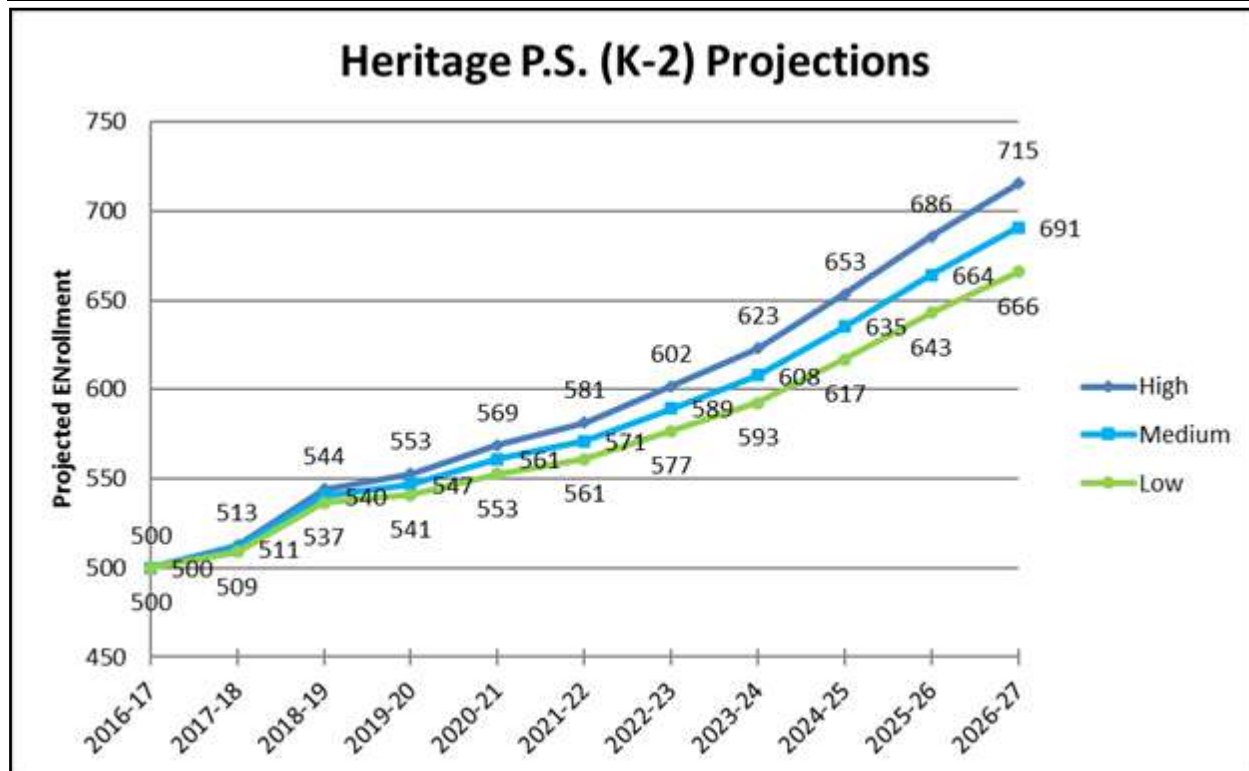
Figure 112. Racial demographic percentages of Heritage Primary School, 2004-2015.

Race	2004	%	2005	%	2010	%	2011	%	2012	%	2013	%	2014	%	2015	%	Change 2004-2015	% Change Racial Makeup 2004-2015	% Change Overall Enrollment 2004-2015
Asian	5	0.7%	11	1.3%	10	1.3%	11	2.1%	12	2.2%	12	2.1%	8	1.3%	7	1.2%	2	71.4%	-52.5%
Black	85	12.1%	94	11.4%	83	11.0%	27	5.1%	28	5.2%	28	5.0%	24	4.0%	22	3.6%	-63	-70.2%	-174.4%
Hispanic	7	1.0%	9	1.1%	22	2.9%	15	2.8%	17	3.1%	27	4.8%	30	5.1%	26	4.3%	19	330.0%	170.0%
Indian	1	0.1%	1	0.1%	1	0.1%	1	0.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	-1	-100.0%	-200.0%
Multi-Race	Calculated from 2011-2015						0	0.0%	2	0.4%	8	1.4%	12	2.0%	15	2.5%	15	#DIV/0!	#DIV/0!
Pacific Islander							0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	#DIV/0!	#DIV/0!
White	604	86.0%	706	86.0%	639	84.6%	474	89.8%	484	89.1%	487	86.7%	519	87.5%	534	88.4%	-70	2.8%	-111.6%

Figure 113. Administrative percentages of Heritage Primary School, 2004-2016.

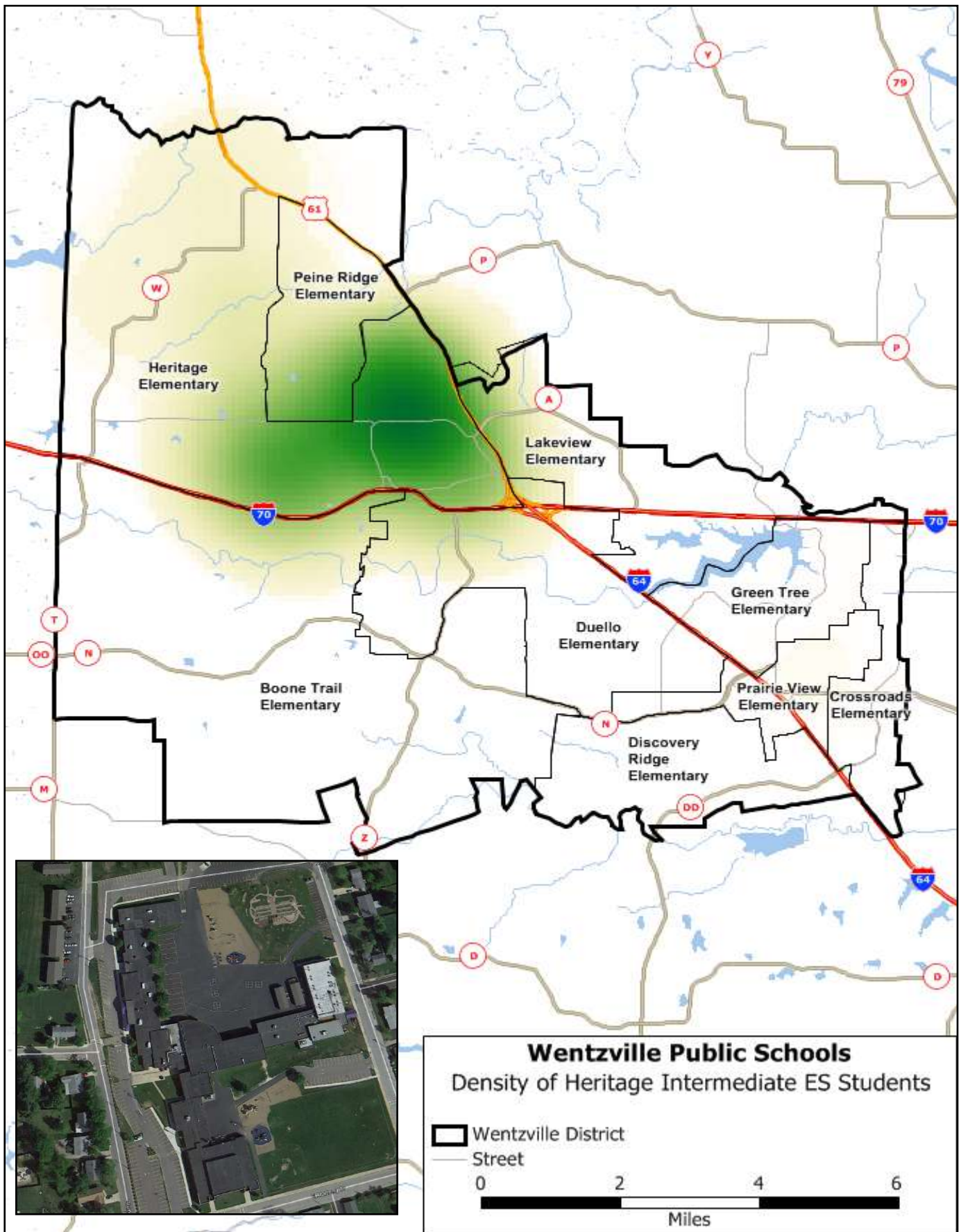
Statistic	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Actual Change 2004-2016	% Change 2004-2016
Students per administrator	351	411	469	563	372	370	378	528	543	562	395	597	315	-36	-10.3%
Students per teacher	12	12	12	12	16	15	16	15	15	15	16	18	15	3	25.0%
Average administrator salary	\$57,152	\$67,426	\$70,948	\$76,778	\$72,500	\$76,850	\$81,231	\$97,785	\$100,523	\$104,745	\$104,323	\$113,556	\$92,191	\$35,039	61.3%
Average teacher salary	\$36,010	\$36,710	\$37,686	\$38,254	\$40,689	\$42,238	\$45,707	\$47,775	\$48,870	\$50,499	\$52,076	\$53,600	\$54,365	\$18,355	51.0%
Average teacher experience (in years)	6.0	5.9	6.2	6.8	5.8	6.5	7.5	8.5	9.2	9.8	10.0	10.8	10.6	4.6	76.7%
Percent of teachers with a master's degree	53.4%	44.6%	51.2%	54.6%	53.7%	48.4%	68.9%	71.0%	76.9%	82.9%	88.1%	91.5%	86.0%	32.6%	61.0%

Figure 114. Heritage Primary School projections, 2017-2027.



Wentzville R-IV School District

Figures 115-116. Aerial photo of Heritage Intermediate Elementary School and distribution of students.



2016-17 Enrollment and Demographics Study

Figure 117. Free and reduced lunches at Heritage Intermediate Elementary School , 2004-2015.

Free & Reduced Lunches	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Change in Overall Enrollment 2004-2016	Change in Overall Percentage 2004-2016
Number	188	201	217	232	174	200	239	121	121	115	120	151	161	-27	
Percent	27.4%	27.0%	24.6%	28.7%	23.8%	25.2%	29.2%	23.0%	22.9%	21.9%	21.4%	23.8%	23.7%	-14.5%	-13.6%

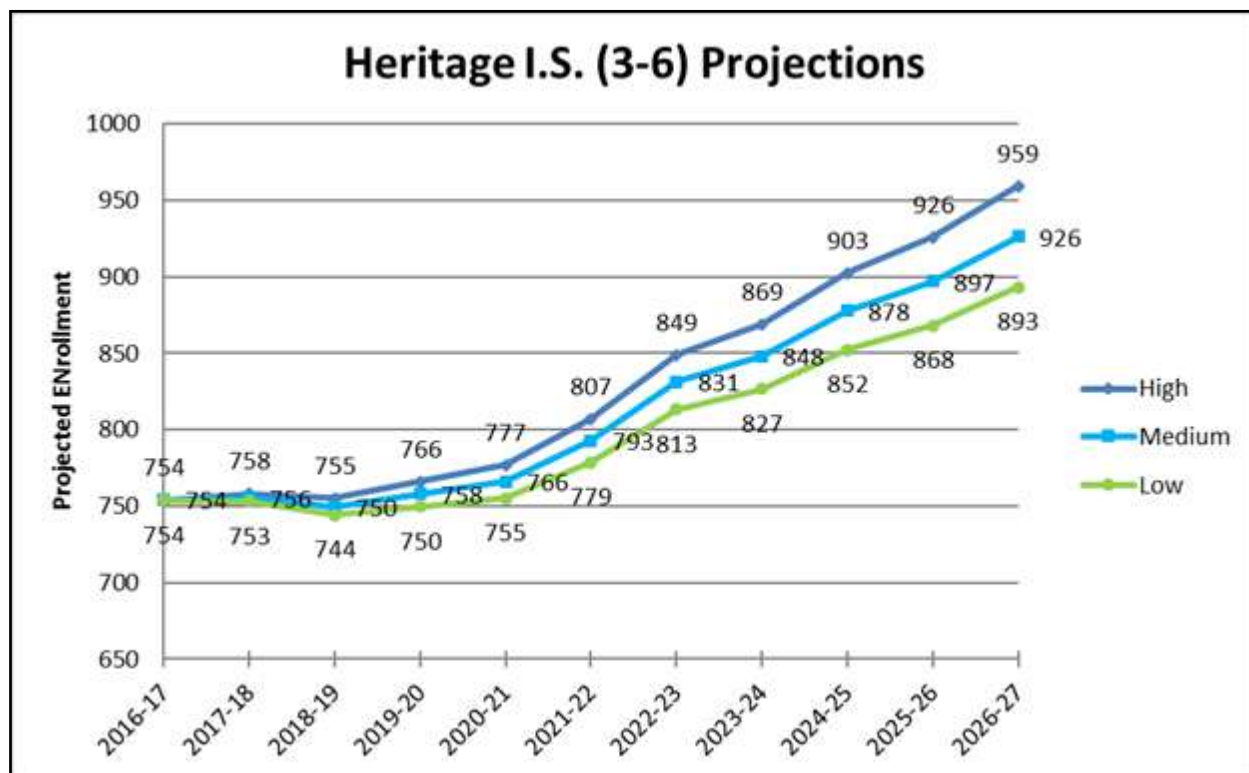
Figure 118. Racial demographic percentages of Heritage Intermediate Elementary School, 2004-2015.

Race	2004	%	2005	%	2010	%	2011	%	2012	%	2013	%	2014	%	2015	%	Change 2004-2015	% Change Racial Makeup 2004-2015	% Change Overall Enrollment 2004-2015
Asian	11	1.6%	9	1.3%	13	1.6%	14	2.7%	12	2.3%	13	2.5%	15	2.7%	11	1.7%	0	6.3%	-100.1%
Black	102	15.1%	99	13.8%	99	12.3%	39	7.4%	40	7.6%	33	6.3%	37	6.6%	34	5.4%	-68	-64.2%	-166.4%
Hispanic	6	0.9%	8	1.1%	20	2.5%	19	3.6%	19	3.6%	16	3.1%	16	2.9%	24	3.8%	18	322.2%	197.2%
Indian	2	0.3%	2	0.3%	4	0.5%	1	0.2%	2	0.4%	2	0.4%	2	0.4%	0	0.0%	-2	-100.0%	-200.0%
Multi-Race	Calculated from 2011-2015						0	0.0%	1	0.2%	2	0.4%	8	1.4%	13	2.1%	13	#DIV/0!	#DIV/0!
Pacific Islander							0	0.0%	0	0.0%	0	0.0%	0	0.0%	2	0.3%	2	#DIV/0!	#DIV/0!
White	553	82.0%	600	83.6%	671	83.1%	451	86.1%	455	86.0%	457	87.4%	481	86.0%	550	86.8%	-2	5.9%	-100.4%

Figure 119. Administrative percentages of Heritage Intermediate Elementary School, 2004-2015.

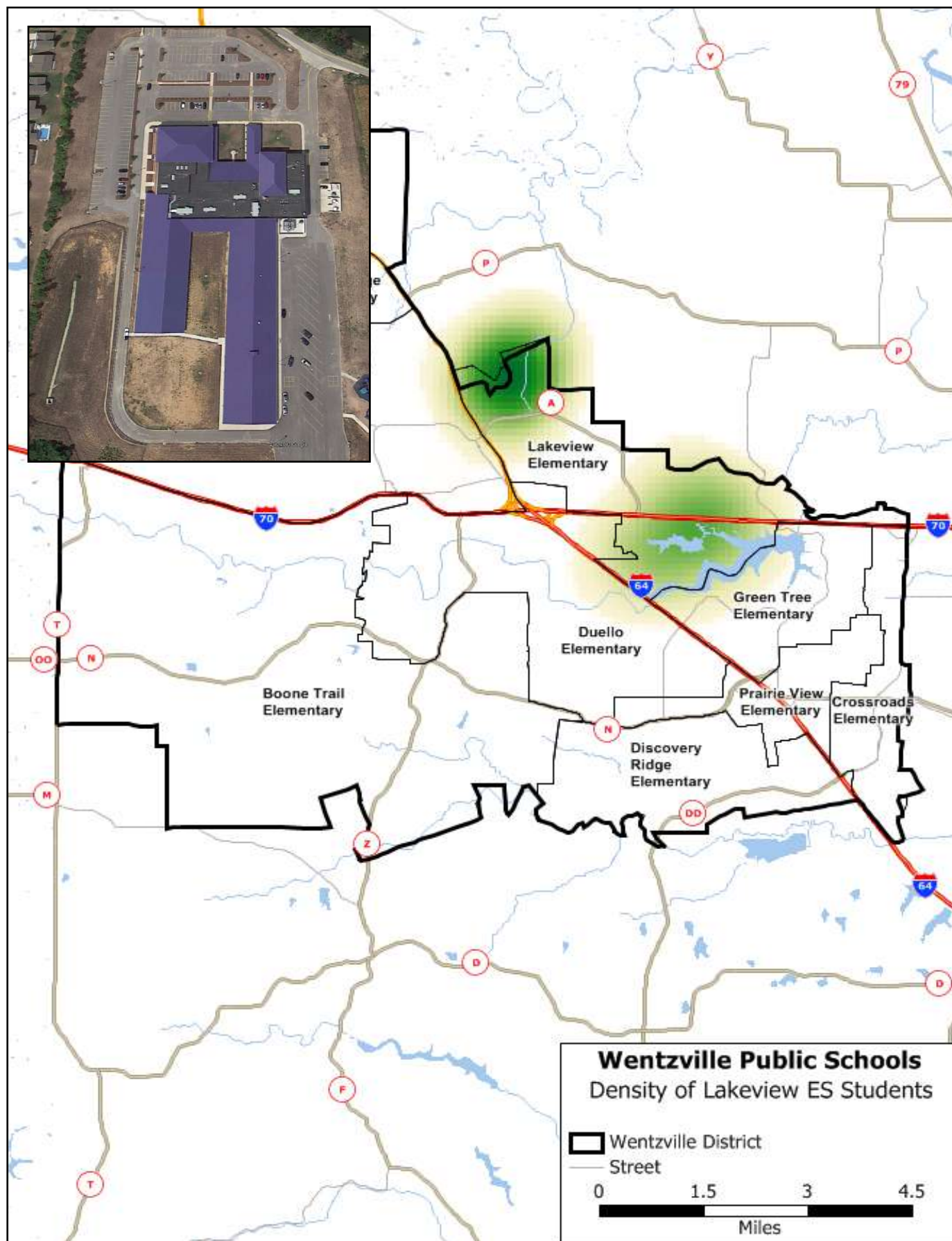
Statistic	2004	2005	2010	2011	2012	2013	2014	2015	2016	Actual Change 2004-2016	% Change 2004-2016
Students per administrator	337	359	404	262	265	262	373	317	339	2	0.6%
Students per teacher	16	13	15	14	15	14	15	17	16	0	0.0%
Average administrator salary	\$54,447	\$69,000	\$86,942	\$84,845	\$87,221	\$90,884	\$96,236	\$98,652	\$102,411	\$47,964	88.1%
Average teacher salary	\$39,361	\$38,927	\$47,673	\$50,992	\$52,718	\$53,713	\$58,245	\$57,899	\$57,766	\$18,405	46.8%
Average teacher experience (in years)	8.6	7.8	9.2	10.5	10.9	11.5	12.4	12.0	12.0	3.4	39.5%
Percent of teachers with a master's degree	59.7%	51.2%	66.8%	78.2%	80.4%	83.8%	88.7%	78.6%	74.4%	14.7%	24.6%

Figure 120. Heritage Intermediate Elementary School projections, 2017-2027.



Wentzville R-IV School District

Figures 121-122. Aerial photo of Lakeview Elementary School and distribution of students.



2016-17 Enrollment and Demographics Study

Figure 123. Free and reduced lunches at Lakeview Elementary School , 2011-2016.

Free & Reduced Lunches	2011	2012	2013	2014	2015	2016	Change in Overall Enrollment 2011-2016	Change in Overall Percentage 2011-2016
Number	230	225	216	219	248	214	-16	
Percent	39.5%	37.9%	32.6%	31.7%	32.6%	28.1%	-6.9%	-28.9%

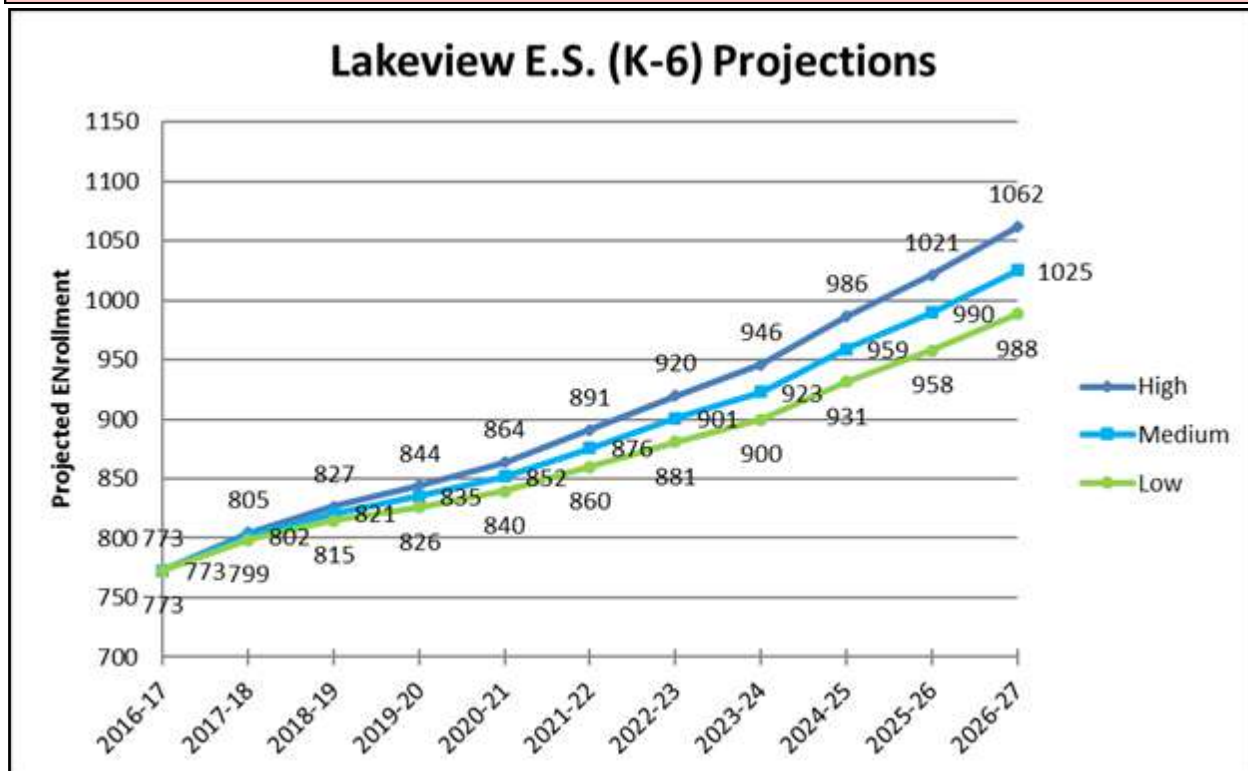
Figure 124. Racial demographic percentages of Lakeview Elementary School, 2011-2015.

Race	2004	%	2005	%	2010	%	2011	%	2012	%	2013	%	2014	%	2015	%	Change 2011-2015	% Change Racial Makeup 2011-2015	% Change Overall Enrollment 2011-2015
Asian	n/a	n/a	n/a	n/a	n/a	n/a	6	1.0%	8	1.3%	5	0.8%	6	0.9%	5	0.7%	0	-30.0%	-108.4%
Black	n/a	n/a	n/a	n/a	n/a	n/a	113	19.4%	105	17.7%	101	15.3%	92	13.3%	83	10.9%	-30	-43.8%	-126.4%
Hispanic	n/a	n/a	n/a	n/a	n/a	n/a	16	2.7%	20	3.4%	23	3.5%	26	3.8%	35	4.6%	19	70.4%	23.1%
Indian	n/a	n/a	n/a	n/a	n/a	n/a	3	0.5%	3	0.5%	2	0.3%	3	0.4%	1	0.1%	-2	-80.0%	-173.8%
Multi-Race	Calculated from 2011-2015						0	0.0%	2	0.3%	17	2.6%	27	3.9%	47	6.2%	47	#DIV/0!	#DIV/0!
Pacific Islander							1	0.2%	0	0.0%	0	0.0%	0	0.0%	1	0.1%	0	-50.0%	-134.5%
White	n/a	n/a	n/a	n/a	n/a	n/a	443	76.1%	455	76.7%	514	77.6%	537	77.7%	590	77.4%	147	1.7%	-66.8%

Figure 125. Administrative percentages of Lakeview Elementary School, 2011-2016.

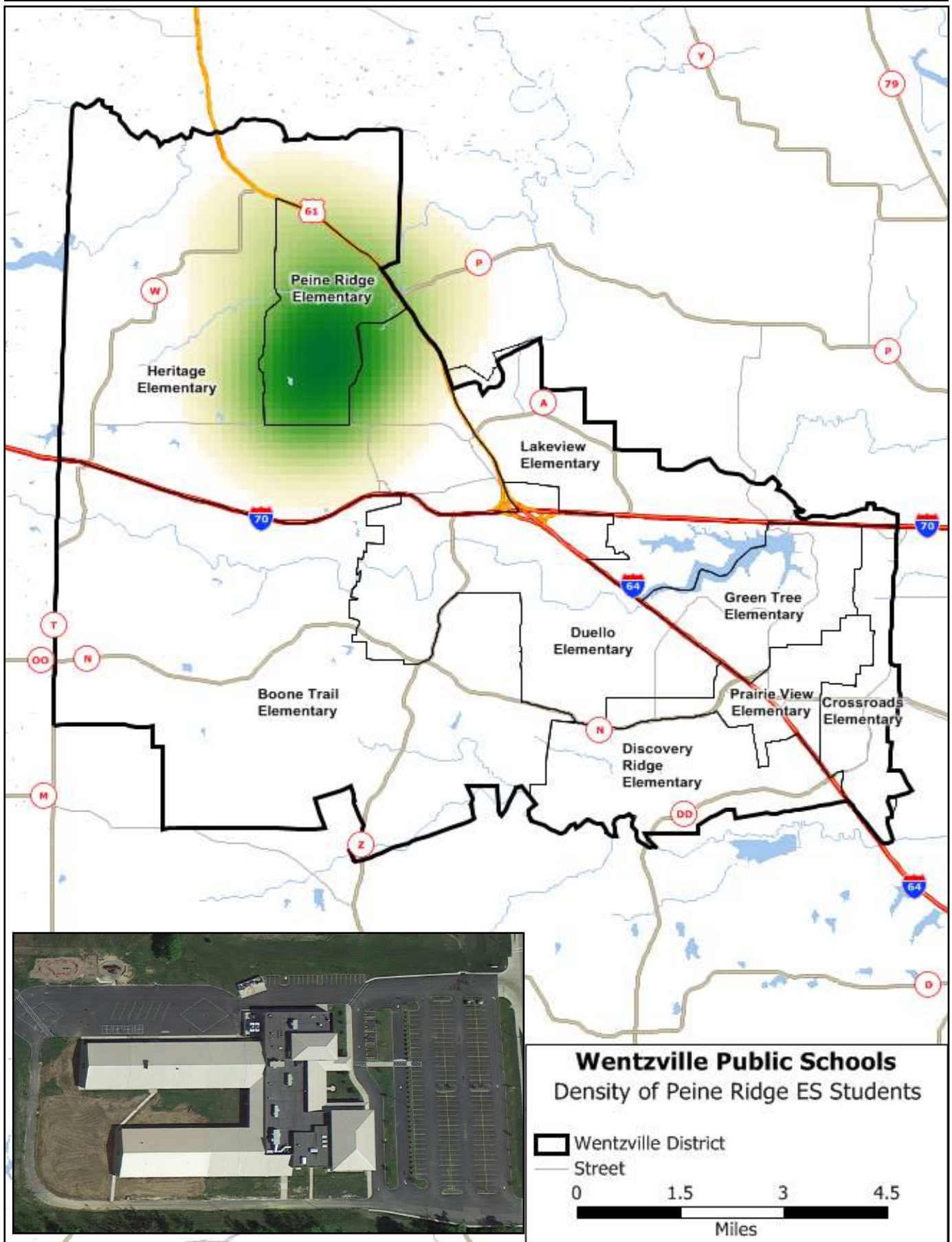
Statistic	2011	2012	2013	2014	2015	2016	Actual Change 2011-2016	% Change 2011-2016
Students per administrator	291	270	331	346	381	381	90	30.9%
Students per teacher	14	14	14	15	15	14	0	0.0%
Average administrator salary	\$65,722	\$76,083	\$80,461	\$84,485	\$83,639	\$86,826	\$21,104	32.1%
Average teacher salary	\$44,414	\$47,307	\$48,943	\$51,287	\$49,512	\$51,224	\$6,810	15.3%
Average teacher experience (in years)	7.3	8.3	9.2	9.8	8.9	9.4	2.1	28.8%
Percent of teachers with a master's degree	52.7%	64.9%	72.0%	71.7%	61.9%	63.5%	10.8%	20.5%

Figure 126. Lakeview Elementary School projections, 2017-2027.



Wentzville R-IV School District

Figures 127-128. Aerial photo of Peine Ridge Elementary School and distribution of students.



2016-17 Enrollment and Demographics Study

Figure 129. Free and reduced lunches at Peine Ridge Elementary School, 2007-2016.

Free & Reduced Lunches	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Change in Overall Enrollment 2007-2016	Change in Overall Percentage 2007-2016
Number	46	63	76	100	123	168	173	166	165	158	112	
Percent	12.3%	15.1%	17.3%	20.2%	20.3%	25.9%	25.7%	24.8%	24.3%	21.9%	242.8%	78.1%

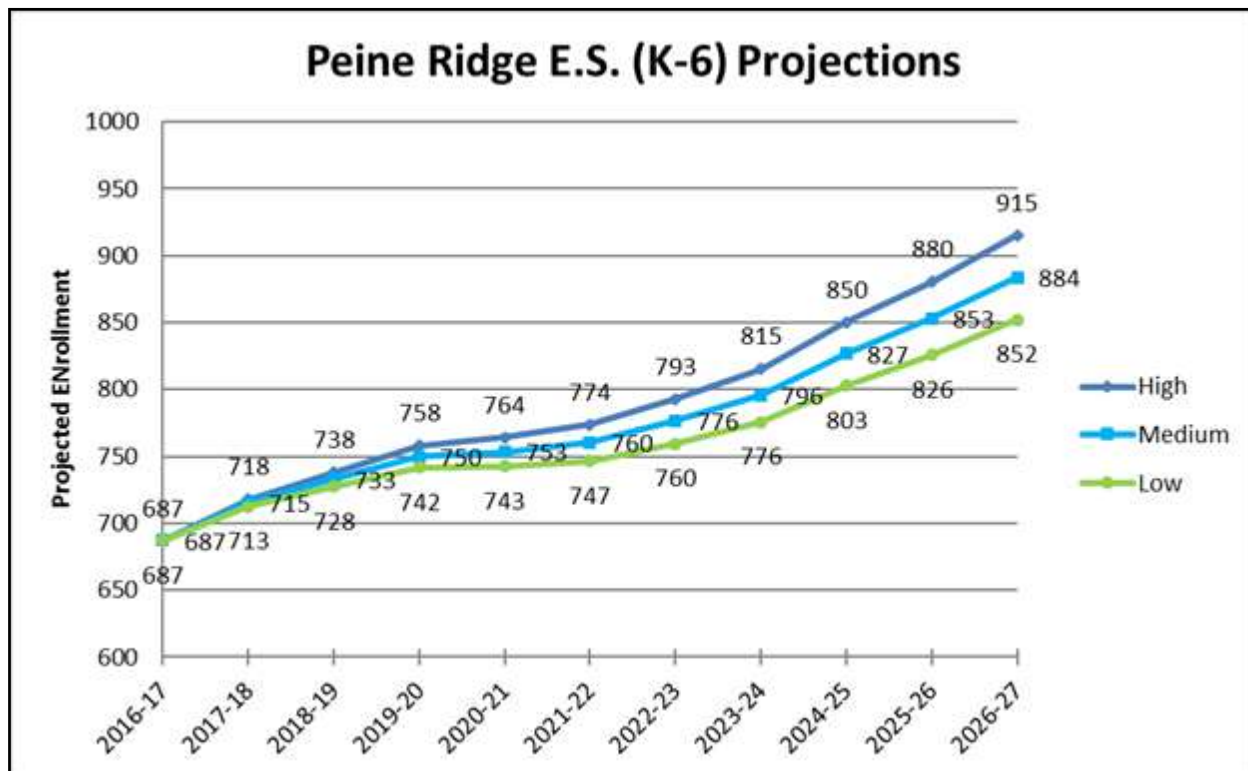
Figure 130. Racial demographic percentages of Peine Ridge Elementary School, 2007-2015.

Race	2007	%	2008	%	2009	%	2010	%	2011	%	2012	%	2013	%	2014	%	2015	%	Change 2007-2015	% Change Racial Makeup 2007-2015	% Change Overall Enrollment 2007-2015
Asian	9	2.4%	9	1.8%	11	2.0%	9	1.5%	12	2.0%	12	1.9%	11	1.6%	9	1.3%	9	1.3%	0	-45.8%	-100.9%
Black	32	8.6%	46	9.3%	43	7.8%	34	5.8%	38	6.3%	50	7.7%	64	9.5%	58	8.6%	61	9.0%	29	4.7%	-8.5%
Hispanic	7	1.9%	6	1.2%	12	2.2%	9	1.5%	12	2.0%	12	1.9%	15	2.2%	20	3.0%	15	2.2%	8	15.8%	11.9%
Indian	2	0.5%	2	0.4%	3	0.5%	3	0.5%	2	0.3%	2	0.3%	3	0.4%	2	0.3%	2	0.3%	0	-40.0%	-90.2%
Multi-Race	Calculated from 2011-2015								4	0.7%	3	0.5%	8	1.2%	8	1.2%	12	1.8%	8	157.1%	88.7%
Pacific Islander									0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	#DIV/0!	#DIV/0!
White	320	86.5%	429	87.2%	485	87.5%	528	90.6%	535	88.7%	568	87.8%	573	85.0%	574	85.5%	578	85.4%	258	-1.3%	-19.4%

Figure 131. Administrative percentages of Peine Ridge Elementary School, 2007-2016.

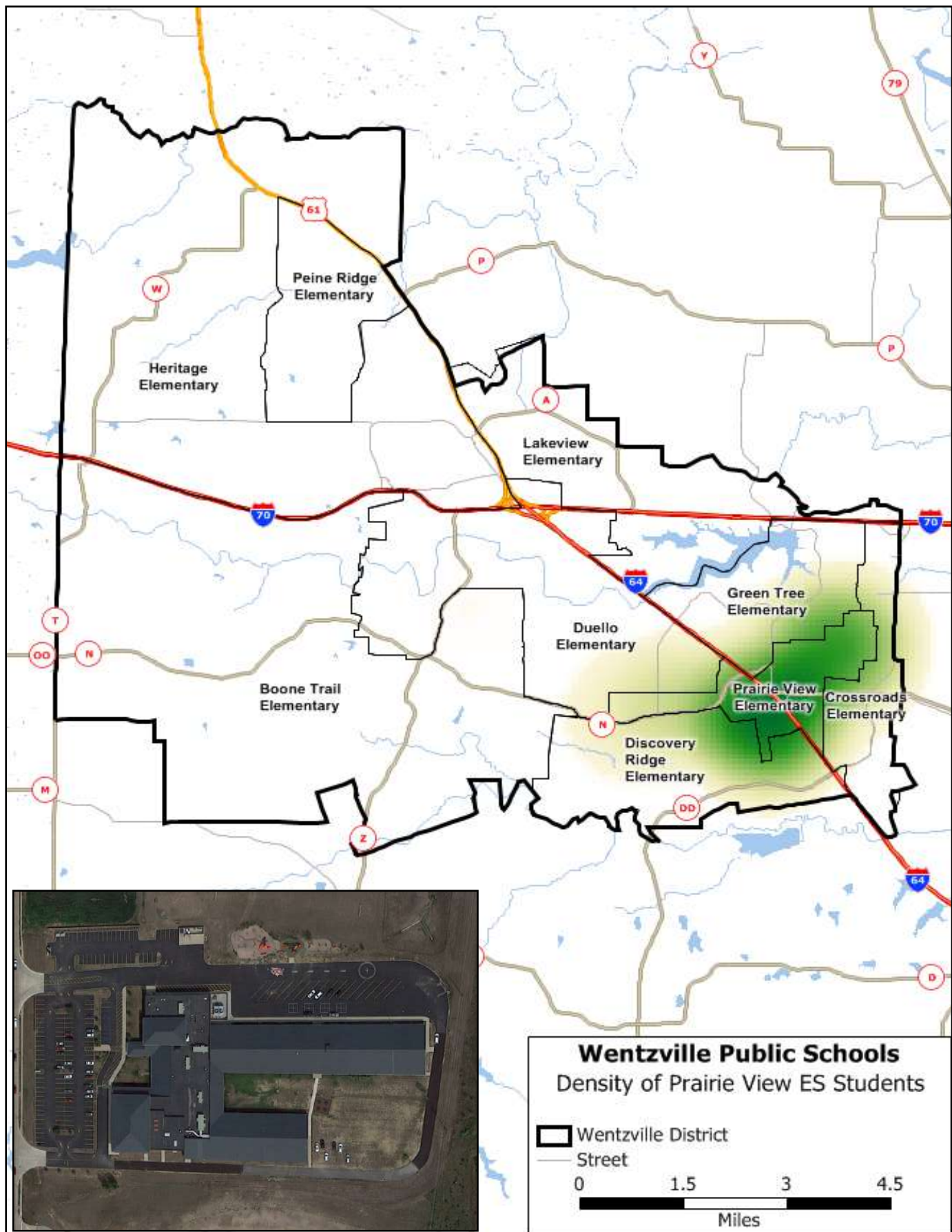
Statistic	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Actual Change 2007-2016	% Change 2007-2016
Students per administrator	370	328	554	292	302	324	337	336	339	360	-10	-2.7%
Students per teacher	17	15	16	16	15	16	16	16	16	16	-1	-5.9%
Average administrator salary	\$75,000	\$81,433	\$89,040	\$72,109	\$74,894	\$82,762	\$86,238	\$90,550	\$93,937	\$92,191	\$17,191	22.9%
Average teacher salary	\$38,211	\$44,189	\$45,054	\$46,825	\$47,943	\$47,860	\$49,732	\$52,151	\$52,218	\$53,214	\$15,003	39.3%
Average teacher experience (in years)	6.3	8.8	8.1	8.3	8.8	8.6	9.2	9.4	9.8	10.4	4.1	65.1%
Percent of teachers with a master's degree	63.6%	70.1%	65.8%	64.5%	62.1%	65.9%	72.1%	76.6%	81.1%	73.2%	9.6%	15.1%

Figure 132. Peine Ridge Elementary School projections, 2017-2027.



Wentzville R-IV School District

Figures 133-134. Aerial photo of Prairie View Elementary School and distribution of students.



2016-17 Enrollment and Demographics Study

Figure 135. Free and reduced lunches at Prairie View Elementary School, 2006-2016.

Free & Reduced Lunches	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Change in Overall Enrollment 2006-2016	Change in Overall Percentage 2006-2016
Number	64	158	165	206	218	187	177	166	169	183	193	129	
Percent	23.3%	38.3%	27.2%	30.7%	28.6%	32.5%	30.0%	28.5%	27.9%	30.6%	31.2%	203.2%	33.9%

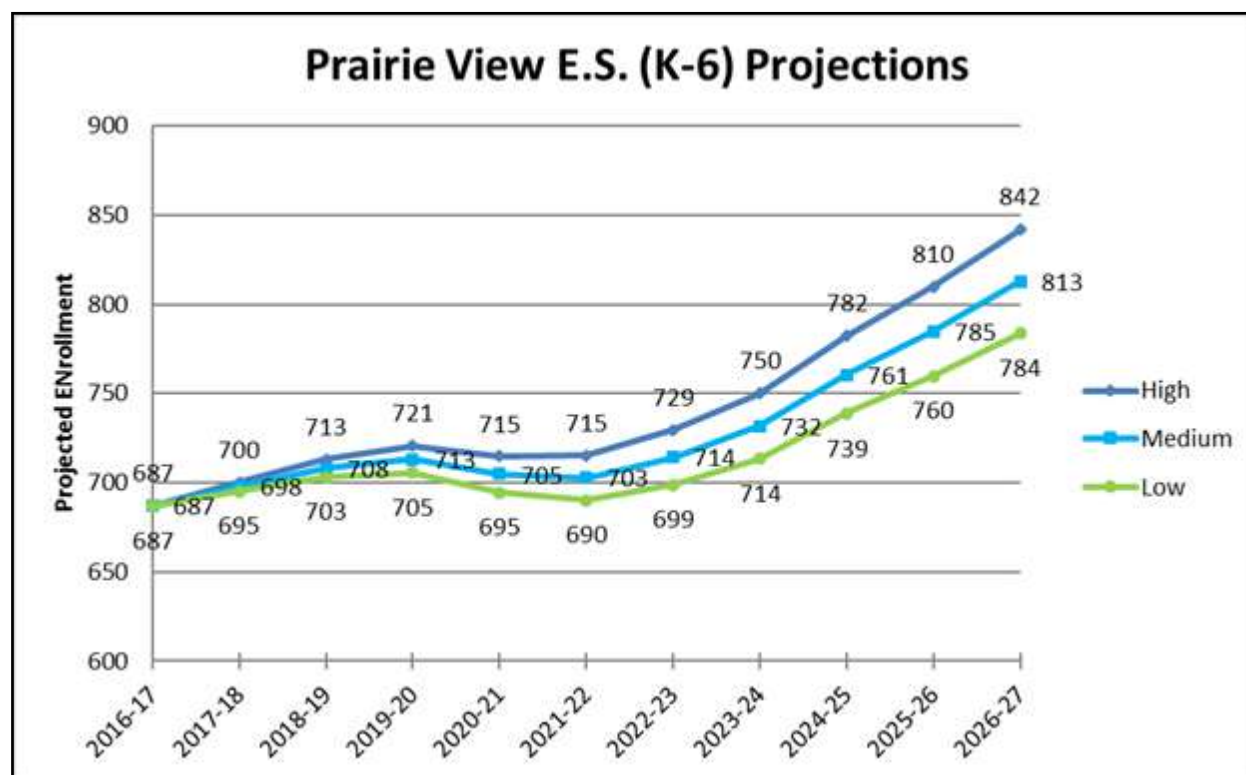
Figure 136. Racial demographic percentages of Prairie View Elementary School, 2006-2015.

Race	2006	%	2007	%	2008	%	2009	%	2010	%	2011	%	2012	%	2013	%	2014	%	2015	%	Change 2006-2015	% Change Racial Makeup 2006-2015	% Change Overall Enrollment 2006-2015
Asian	10	3.2%	20	3.6%	24	3.3%	27	3.3%	29	3.3%	17	3.0%	17	2.9%	27	4.6%	34	5.6%	30	5.0%	20	56.3%	95.2%
Black	16	5.1%	43	7.8%	59	8.2%	52	6.4%	49	5.5%	33	5.7%	22	3.7%	21	3.6%	25	4.1%	23	3.9%	7	-23.5%	-55.5%
Hispanic	4	1.3%	18	3.3%	24	3.3%	29	3.5%	36	4.0%	33	5.7%	32	5.4%	31	5.3%	43	7.1%	45	7.5%	41	476.9%	889.9%
Indian	2	0.6%	1	0.2%	2	0.3%	2	0.2%	3	0.3%	2	0.3%	2	0.3%	3	0.5%	3	0.5%	2	0.3%	0	-50.0%	-105.5%
Multi-Race											2	0.3%	2	0.3%	0	0.0%	0	0.0%	0	0.0%	-2	-100.0%	-200.0%
Pacific Islander											2	0.3%	2	0.3%	0	0.0%	0	0.0%	0	0.0%	-2	-100.0%	-200.0%
White	284	89.9%	466	85.0%	608	84.8%	707	86.5%	774	86.9%	487	84.5%	510	86.4%	487	83.7%	484	80.1%	476	79.7%	192	-11.3%	-32.5%

Figure 137. Administrative percentages of Prairie View Elementary School, 2006-2016.

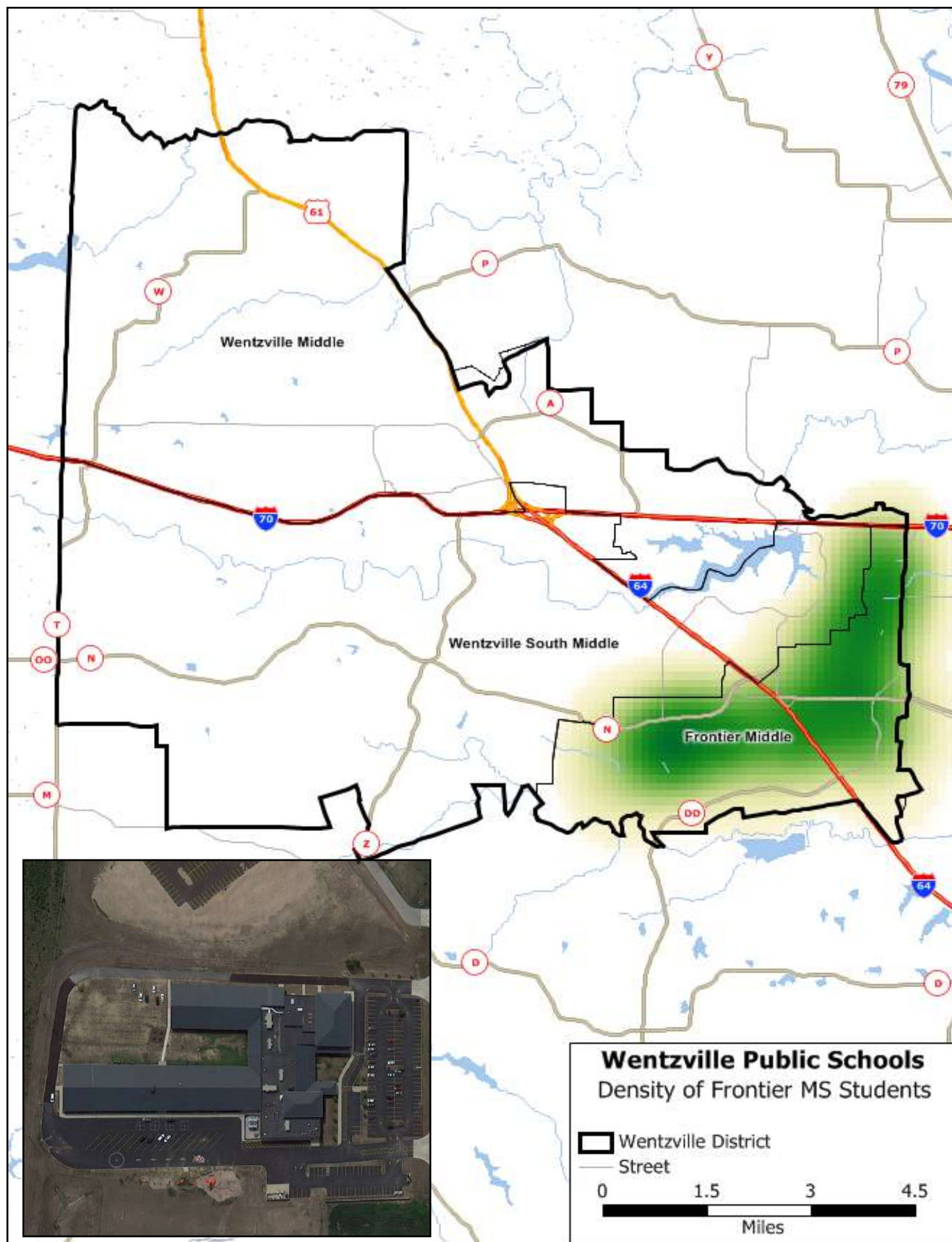
Statistic	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Actual Change 2006-2016	% Change 2006-2016
Students per administrator	316	548	359	409	446	288	281	291	302	299	309	-7	-2.2%
Students per teacher	18	18	18	16	16	15	15	14	15	14	14	-4	-22.2%
Average administrator salary	\$88,481	\$90,000	\$72,500	\$67,570	\$78,567	\$69,554	\$73,642	\$74,386	\$84,879	\$88,180	\$91,540	\$3,059	3.5%
Average teacher salary	\$38,390	\$39,316	\$42,568	\$42,491	\$45,155	\$47,326	\$48,446	\$50,068	\$51,735	\$52,706	\$53,086	\$14,696	38.3%
Average teacher experience (in years)	6.7	8.6	8.5	7.8	8.3	9.4	10.3	10.7	10.3	10.6	10.4	3.7	55.2%
Percent of teachers with a master's degree	55.5%	55.3%	56.8%	47.8%	57.5%	57.9%	64.4%	71.4%	74.4%	76.8%	82.4%	26.9%	48.5%

Figure 138. Prairie View Elementary School projections, 2017-2027.



Wentzville R-IV School District

Figures 139-140. Aerial photo of Frontier Middle School and distribution of students.



2016-17 Enrollment and Demographics Study

Figure 141. Free and reduced lunches at Frontier Middle School, 2006-2016.

Free & Reduced Lunches	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Change in Overall Enrollment 2006-2016	Change in Overall Percentage 2006-2016
Number	44	109	184	191	245	251	275	208	207	209	199	155	
Percent	16.0%	17.9%	18.6%	18.0%	21.9%	22.3%	23.7%	23.1%	22.4%	22.2%	20.0%	352.3%	25.0%

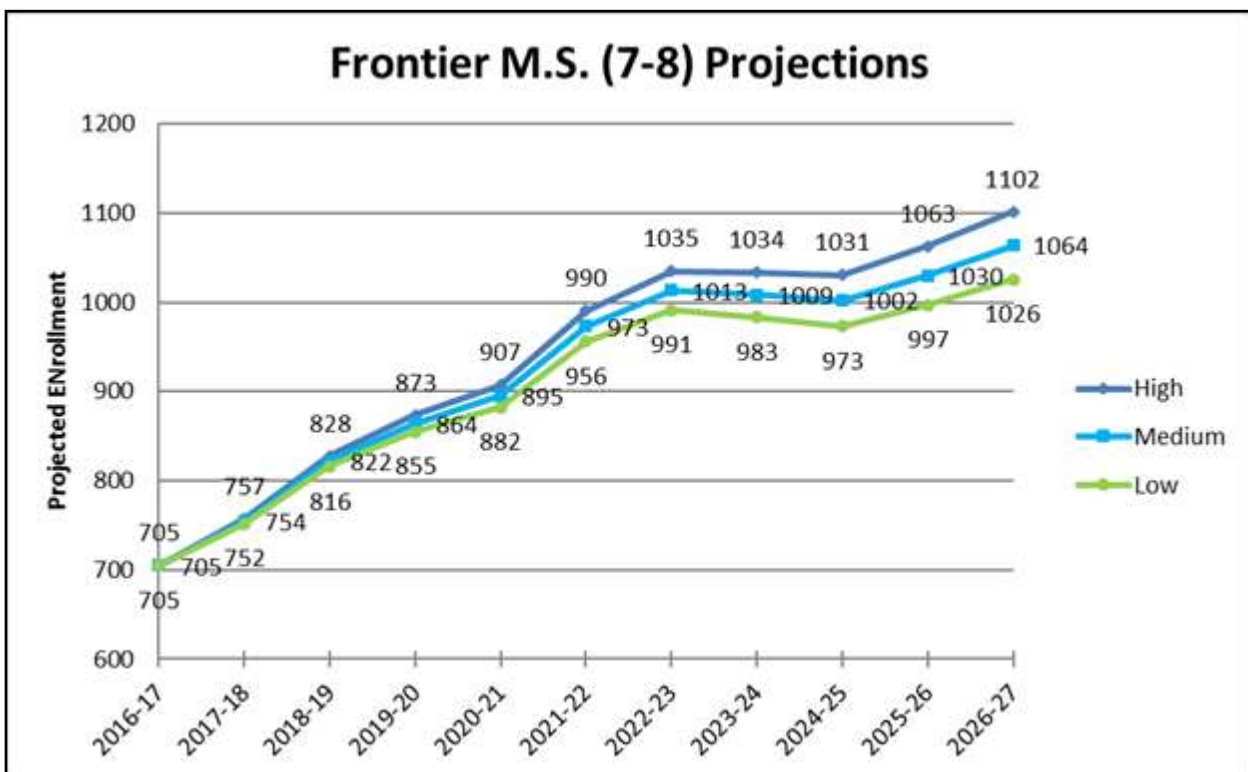
Figure 142. Racial demographic percentages of Frontier Middle School, 2004-2015.

Race	2004	%	2005	%	2010	%	2011	%	2012	%	2013	%	2014	%	2015	%	Change 2010-2015	% Change Racial Makeup 2010-2015	% Change Overall Enrollment 2010-2015
Asian	n/a	n/a	n/a	n/a	27	2.4%	25	2.2%	27	2.3%	19	2.1%	21	2.3%	28	3.0%	2	25.0%	-94.2%
Black	n/a	n/a	n/a	n/a	84	7.5%	75	6.7%	75	6.5%	43	4.8%	46	5.0%	51	5.4%	-33	-28.0%	-139.1%
Hispanic	n/a	n/a	n/a	n/a	25	2.2%	21	1.9%	26	2.2%	37	4.1%	41	4.4%	44	4.7%	20	113.6%	-19.2%
Indian	n/a	n/a	n/a	n/a	2	0.2%	2	0.2%	2	0.2%	0	0.0%	2	0.2%	1	0.1%	-1	-50.0%	-157.7%
Multi-Race	Calculated from 2011-2015						0	0.0%	1	0.1%	11	1.2%	14	1.5%	24	2.5%	24	#DIV/0!	#DIV/0!
Pacific Islander							0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	#DIV/0!	#DIV/0!
White	n/a	n/a	n/a	n/a	977	87.7%	1001	89.1%	1030	88.7%	791	87.8%	798	86.6%	794	84.2%	-183	-4.0%	-118.7%

Figure 143. Administrative percentages of Frontier Middle School, 2006-2016.

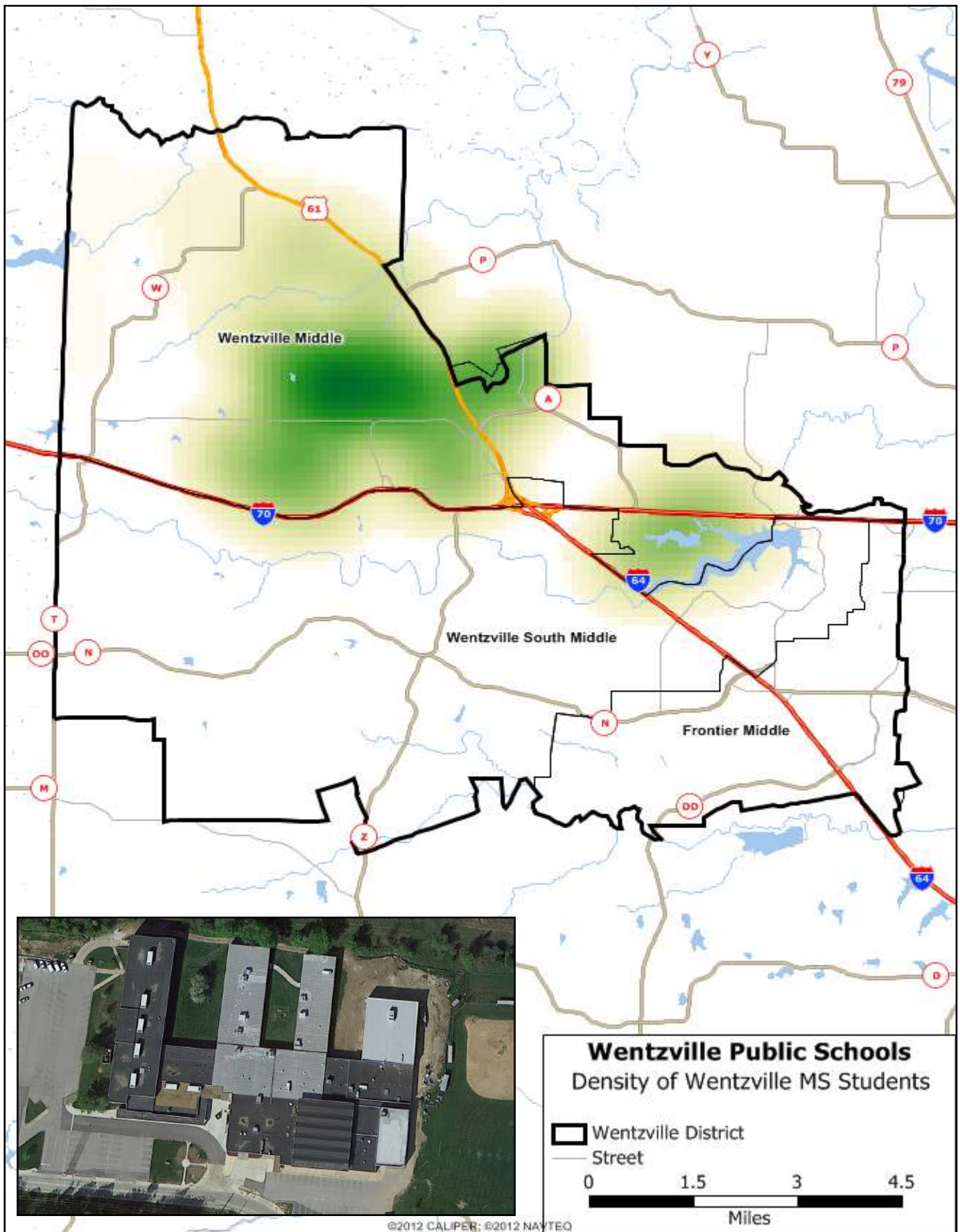
Statistic	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Actual Change 2006-2016	% Change 2006-2016
Students per administrator	273	303	490	349	371	375	387	300	307	314	332	59	21.6%
Students per teacher	13	15	16	15	16	17	16	16	16	16	17	4	30.8%
Average administrator salary	\$89,040	\$84,361	\$91,182	\$92,702	\$97,986	\$101,808	\$104,658	\$109,054	\$107,565	\$110,975	\$115,203	\$26,163	29.4%
Average teacher salary	\$39,248	\$39,216	\$42,707	\$43,771	\$45,677	\$47,022	\$48,112	\$51,253	\$54,539	\$56,347	\$58,028	\$18,780	47.8%
Average teacher experience (in years)	7.4	7.3	7.1	7.6	8.3	8.7	9.1	10.6	11.2	11.8	12.5	5.1	68.9%
Percent of teachers with a master's degree	35.9%	51.6%	54.9%	45.9%	49.7%	59.2%	66.8%	74.7%	77.4%	82.4%	81.5%	45.6%	127.0%

Figure 144. Frontier Middle School projections, 2017-2027.



Wentzville R-IV School District

Figures 146-147. Aerial photo of Wentzville Middle School and distribution of students.



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Figure 148. Free and reduced lunches at Wentzville Middle School, 2004-2016.

Free & Reduced Lunches	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Change in Overall Enrollment 2004-2016	Change in Overall Percentage 2004-2016
Number	211	202	201	182	173	196	243	293	312	314	279	277	272	61	
Percent	21.4%	19.3%	20.2%	19.1%	19.9%	21.0%	24.9%	28.6%	28.7%	28.1%	24.0%	23.0%	22.0%	28.9%	2.6%

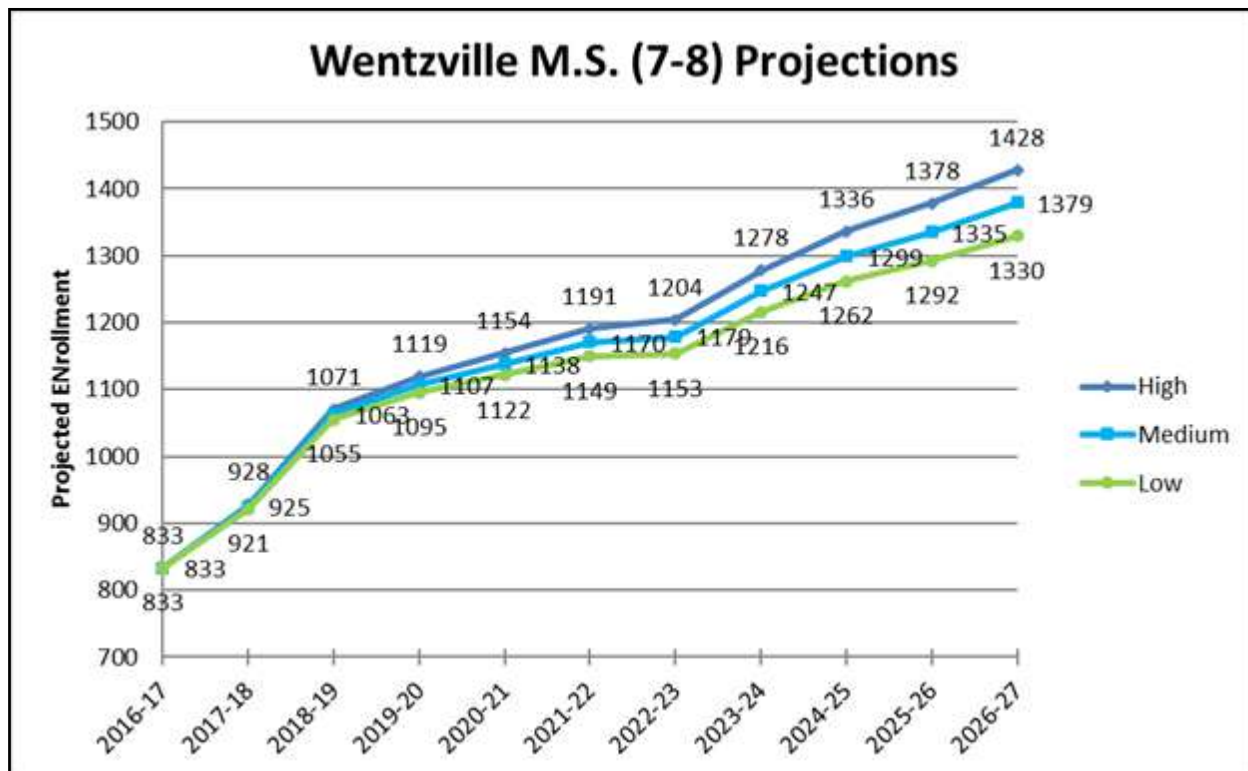
Figure 149. Racial demographic percentages of Wentzville Middle School, 2004-2015.

Race	2004	%	2005	%	2010	%	2011	%	2012	%	2013	%	2014	%	2015	%	Change 2004-2015	% Change Racial Makeup 2004-2015	% Change Overall Enrollment 2004-2015
Asian	12	1.2%	27	2.6%	14	1.4%	14	1.4%	15	1.4%	18	1.6%	17	1.5%	17	1.4%	5	16.7%	-55.7%
Black	114	11.7%	113	11.0%	105	10.9%	104	10.1%	118	10.8%	130	11.6%	132	11.4%	110	9.1%	-4	-22.2%	-103.8%
Hispanic	13	1.3%	15	1.5%	21	2.2%	23	2.2%	24	2.2%	35	3.1%	38	3.3%	35	2.9%	22	123.1%	76.0%
Indian	1	0.1%	0	0.0%	2	0.2%	4	0.4%	3	0.3%	3	0.3%	3	0.3%	4	0.3%	3	200.0%	171.1%
Multi-Race	Calculated from 2011-2015						7	0.7%	10	0.9%	15	1.3%	14	1.2%	31	2.6%	24	271.4%	236.7%
Pacific Islander							0	0.0%	0	0.0%	1	0.1%	0	0.0%	1	0.1%	1	#DIV/0!	#DIV/0!
White	834	85.6%	874	84.9%	824	85.3%	873	85.2%	918	84.4%	915	81.9%	957	82.4%	1007	83.6%	174	-2.3%	-79.2%

Figure 150. Administrative percentages of Wentzville Middle School, 2004-2016.

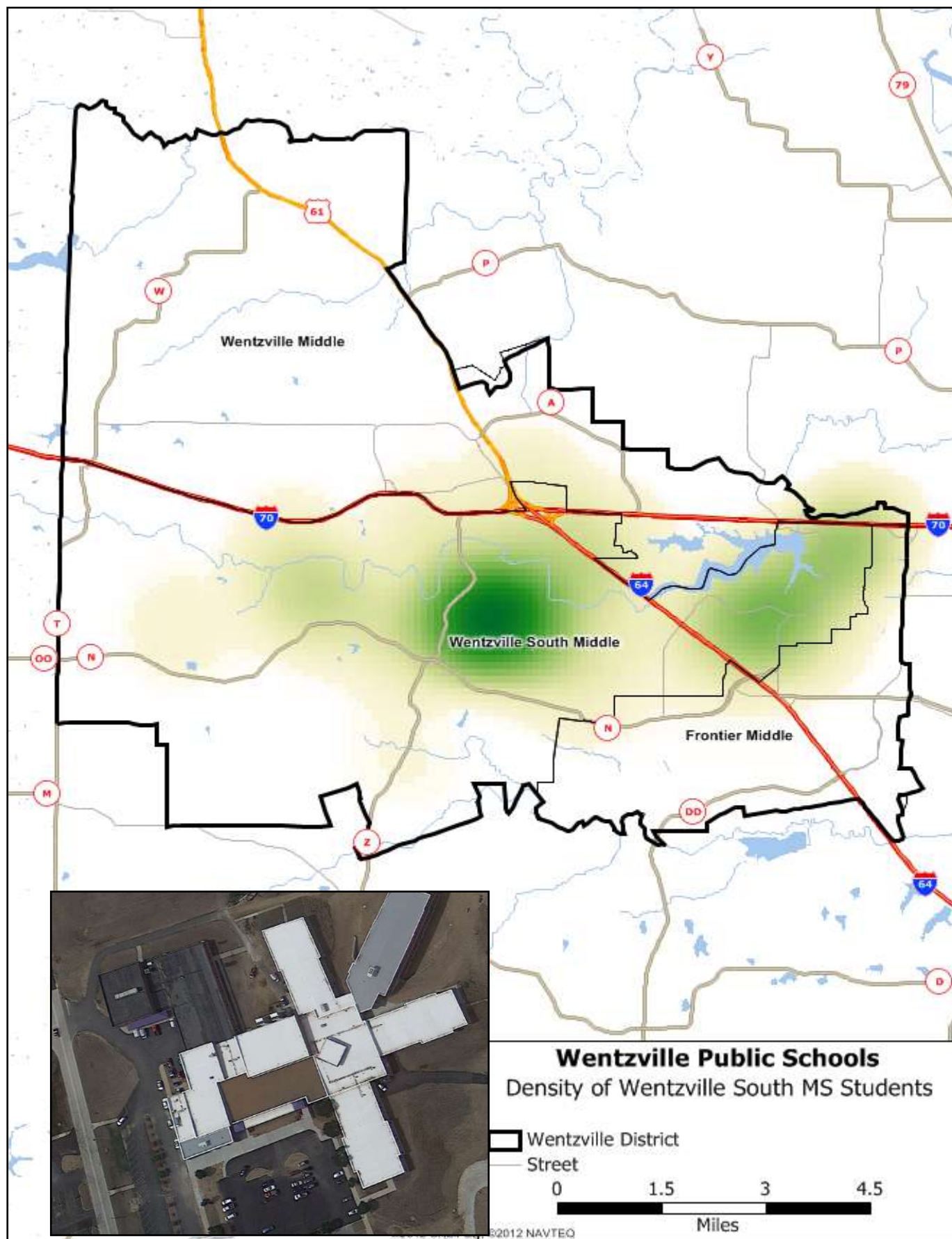
Statistic	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Actual Change 2004-2016	% Change 2004-2016
Students per administrator	325	343	330	234	285	307	322	342	363	372	387	402	412	87	26.8%
Students per teacher	15	16	16	15	16	16	17	17	17	17	17	17	17	2	13.3%
Average administrator salary	\$69,531	\$73,870	\$78,396	\$77,858	\$86,985	\$92,204	\$95,229	\$98,943	\$101,713	\$104,811	\$110,052	\$113,450	\$110,640	\$41,109	59.1%
Average teacher salary	\$42,404	\$41,922	\$41,767	\$42,058	\$46,022	\$48,064	\$51,186	\$52,874	\$53,192	\$54,832	\$57,019	\$57,036	\$58,641	\$16,237	38.3%
Average teacher experience (in years)	11.3	10.0	10.1	9.6	10.1	10.5	11.5	12.3	12.5	13.0	13.3	13.1	13.4	2.1	18.6%
Percent of teachers with a master's degree	62.7%	51.7%	53.1%	59.3%	65.4%	60.3%	83.6%	83.2%	82.6%	86.4%	84.1%	83.5%	82.2%	19.5%	31.1%

Figure 151. Wentzville Middle School projections, 2017-2027.



Wentzville R-IV School District

Figures 152-153. Aerial photo of Wentzville South Middle School and distribution of students.



2016-17 Enrollment and Demographics Study

Figure 154. Free and reduced lunches at Wentzville South Middle School, 2004-2016.

Free & Reduced Lunches	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Change in Overall Enrollment 2004-2016	Change in Overall Percentage 2004-2016
Number	175	167	131	116	112	130	130	156	180	272	289	278	293	118	
Percent	18.9%	17.0%	15.2%	15.9%	17.1%	18.2%	18.4%	21.2%	23.3%	23.6%	24.9%	23.2%	22.9%	67.5%	21.0%

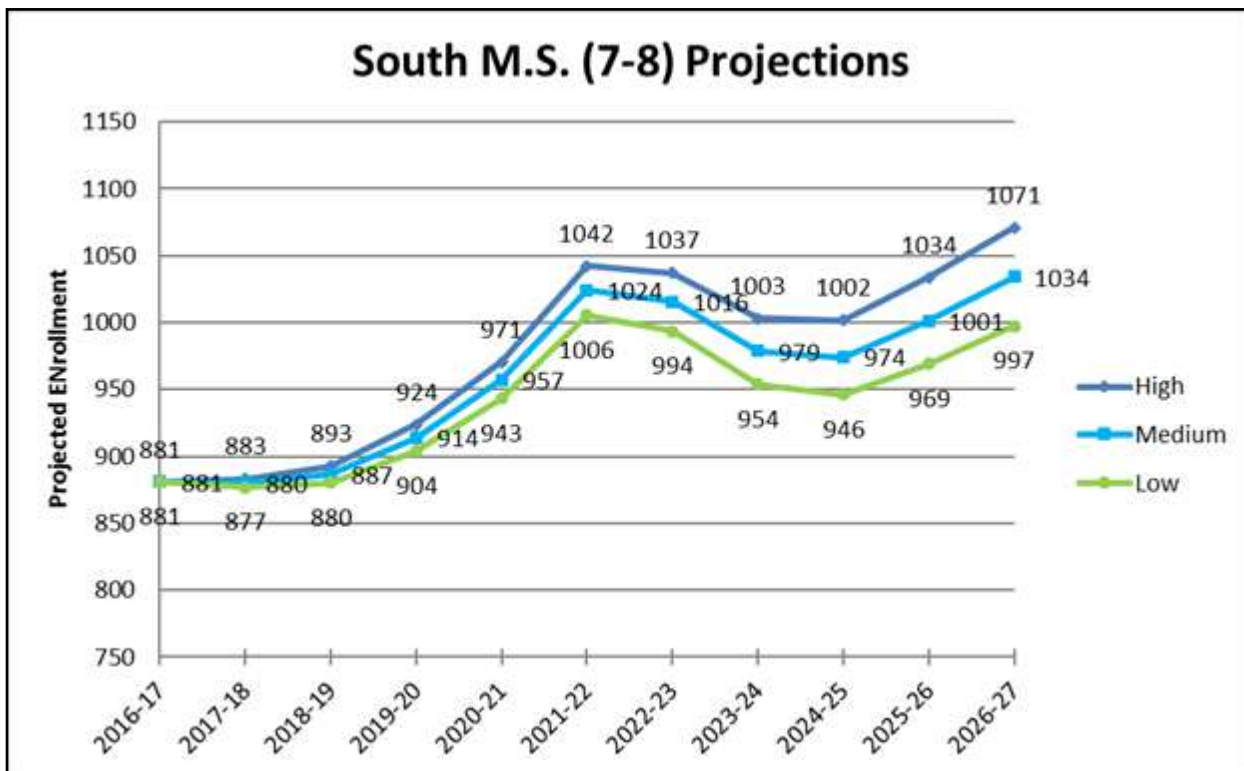
Figure 155. Racial demographic percentages of Wentzville South Middle School, 2004-2015.

Race	2004	%	2005	%	2010	%	2011	%	2012	%	2013	%	2014	%	2015	%	Change 2004-2015	% Change Racial Makeup 2004-2015	% Change Overall Enrollment 2004-2015
Asian	5	0.5%	7	0.7%	5	0.7%	10	1.4%	17	2.2%	21	1.8%	15	1.3%	12	1.0%	7	100.0%	61.3%
Black	47	5.1%	59	5.9%	61	8.7%	55	7.5%	57	7.4%	75	6.5%	71	6.1%	71	5.9%	24	15.7%	-48.9%
Hispanic	10	1.1%	10	1.0%	12	1.7%	22	3.0%	23	3.0%	27	2.3%	26	2.2%	34	2.8%	23	154.5%	132.5%
Indian	1	0.1%	1	0.1%	3	0.4%	1	0.1%	3	0.4%	5	0.4%	3	0.3%	6	0.5%	5	400.0%	453.2%
Multi-Race	Calculated from 2011-2015						0	0.0%	3	0.4%	7	0.6%	10	0.9%	25	2.1%	25	#DIV/0!	#DIV/0!
Pacific Islander							1	0.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	-1	-100.0%	-200.0%
White	854	93.1%	923	92.3%	621	88.5%	648	87.9%	670	86.7%	1020	88.4%	1036	89.2%	1051	87.7%	197	-5.8%	-76.9%

Figure 156. Administrative percentages of Wentzville South Middle School, 2004-2016.

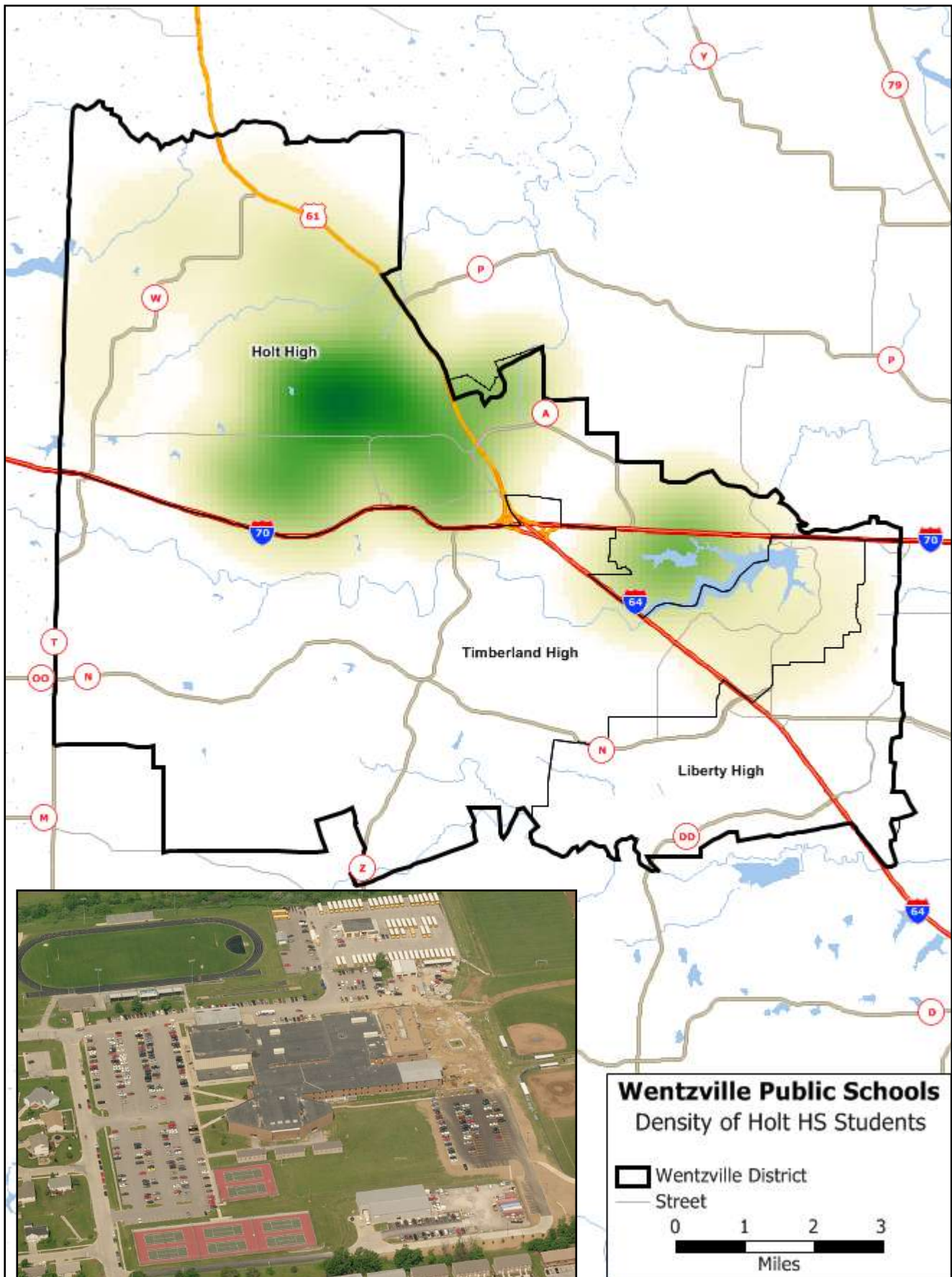
Statistic	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Actual Change 2004-2016	% Change 2004-2016
Students per administrator	306	333	282	723	216	348	234	246	258	385	387	399	427	121	39.5%
Students per teacher	16	16	13	15	15	14	14	16	17	18	17	17	18	2	12.5%
Average administrator salary	\$72,359	\$74,329	\$78,181	\$91,667	\$87,988	\$94,545	\$83,323	\$87,001	\$89,386	\$103,481	\$108,655	\$111,991	\$116,258	\$43,899	60.7%
Average teacher salary	\$38,412	\$39,897	\$41,594	\$43,181	\$46,354	\$47,801	\$51,204	\$53,376	\$53,703	\$51,115	\$54,355	\$54,853	\$55,295	\$16,883	44.0%
Average teacher experience (in years)	7.6	8.1	8.6	9.4	9.8	10.0	10.5	11.5	11.5	10.3	11.0	11.1	11.1	3.5	46.1%
Percent of teachers with a master's degree	45.0%	45.4%	59.6%	64.3%	60.8%	58.2%	74.9%	77.5%	73.4%	64.0%	70.6%	78.6%	81.6%	36.6%	81.3%

Figure 157. Wentzville South Middle School projections, 2017-2027.



Wentzville R-IV School District

Figures 158-159. Aerial photo of Holt High School and distribution of students.



2016-17 Enrollment and Demographics Study

Figure 160. Free and reduced lunches at Holt High School, 2004-2016.

Free & Reduced Lunches	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Change in Overall Enrollment 2004-2016	Change in Overall Percentage 2004-2016
Number	174	168	201	242	233	268	294	308	339	362	347	340	323	149	
Percent	15.3%	13.5%	14.4%	15.6%	14.4%	16.7%	18.4%	19.2%	20.4%	20.8%	20.1%	19.7%	19.5%	85.6%	27.1%

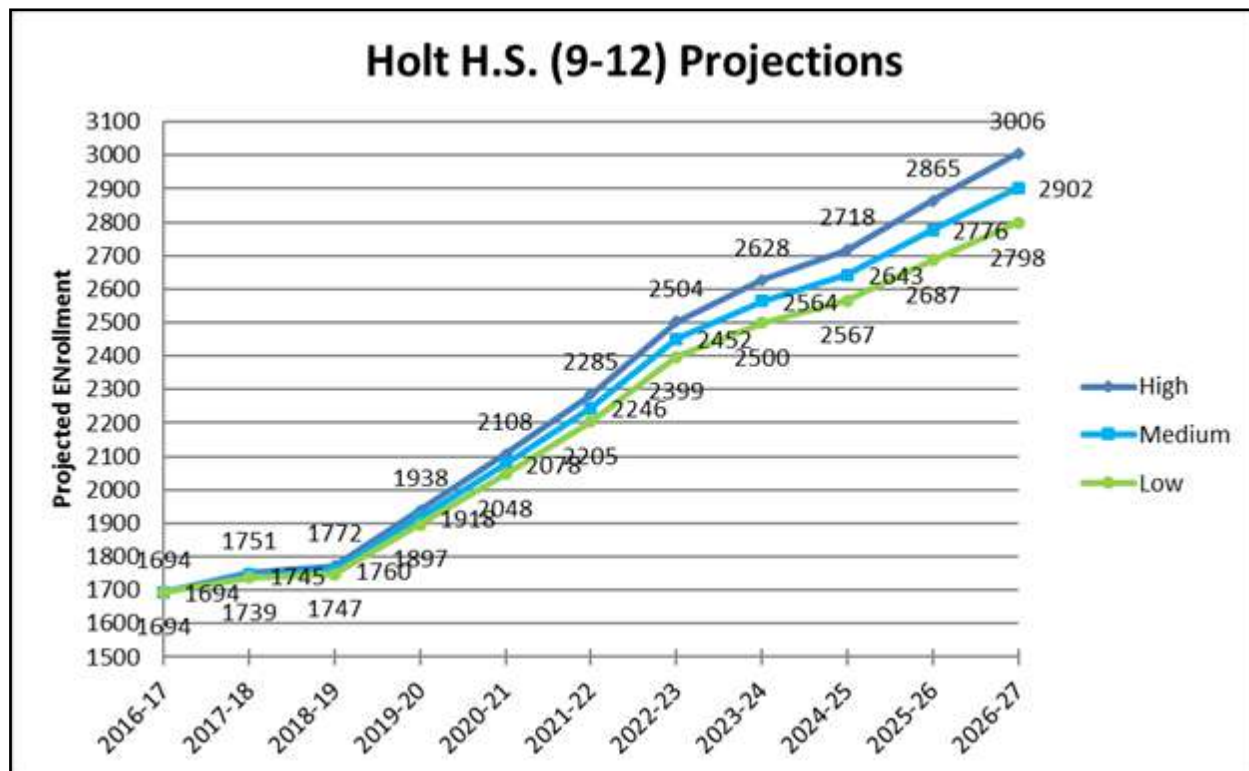
Figure 161. Racial demographic percentages of Holt High School, 2004-2015.

Race	2004	%	2005	%	2010	%	2011	%	2012	%	2013	%	2014	%	2015	%	Change 2004-2015	% Change Racial Makeup 2004-2015	% Change Overall Enrollment 2004-2015
Asian	11	0.9%	15	1.1%	24	1.5%	18	1.1%	18	1.1%	16	0.9%	21	1.2%	17	1.0%	6	11.1%	-40.2%
Black	92	7.7%	105	7.9%	171	10.8%	149	9.3%	140	8.4%	160	9.2%	161	9.3%	166	9.6%	73	24.7%	-20.7%
Hispanic	11	0.9%	17	1.3%	24	1.5%	35	2.2%	35	2.1%	37	2.1%	41	2.4%	43	2.5%	32	177.8%	199.5%
Indian	1	0.1%	3	0.2%	5	0.3%	6	0.4%	8	0.5%	5	0.3%	3	0.2%	2	0.1%	1	0.0%	-56.2%
Multi-Race	Calculated from 2011-2015						2	0.1%	7	0.4%	19	1.1%	26	1.5%	47	2.7%	45	2600.0%	2701.7%
Pacific Islander							2	0.1%	2	0.1%	2	0.1%	2	0.1%	2	0.1%	0	0.0%	-92.5%
White	1085	90.4%	1189	89.5%	1359	86.0%	1396	86.9%	1453	87.5%	1502	86.2%	1474	85.3%	1450	84.0%	365	-7.1%	-66.3%

Figure 162. Administrative percentages of Holt High School, 2004-2016.

Statistic	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Actual Change 2004-2016	% Change 2004-2016
Students per administrator	400	443	359	385	399	398	395	402	415	436	432	375	360	-40	-10.0%
Students per teacher	16	16	16	17	19	18	18	18	18	19	18	18	18	2	12.5%
Average administrator salary	\$83,600	\$87,377	\$86,128	\$86,703	\$89,546	\$94,919	\$100,329	\$104,242	\$107,161	\$107,923	\$109,094	\$95,972	\$100,848	\$17,248	20.6%
Average teacher salary	\$45,256	\$46,050	\$45,466	\$45,830	\$50,086	\$52,340	\$54,173	\$54,861	\$55,745	\$56,837	\$58,189	\$58,107	\$59,813	\$14,557	32.2%
Average teacher experience (in years)	12.5	11.9	11.5	11.5	12.5	13.3	12.8	12.7	13.2	13.0	12.6	12.1	12.9	0.4	3.2%
Percent of teachers with a master's degree	68.5%	66.5%	70.0%	68.8%	68.2%	68.3%	74.2%	75.2%	76.6%	82.0%	82.9%	80.9%	80.2%	11.7%	17.1%

Figure 163. Holt High School projections, 2017-2027.



Wentzville R-IV School District

Figures 164-166. Incidents, race of graduates and ACT scores for Holt High School, 2004-2016.

Incident	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Actual Change 2004-2016	% Change 2004-2016
Alcohol	0	0	2	7	2	1	1	4	10	2	8	2	1	1	#DIV/0!
Drugs	6	3	9	12	26	17	19	4	17	8	10	16	0	-6	-100.00%
Tobacco	0	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!
Violence	8	0	0	0	0	0	0	0	0	0	0	0	0	-8	-100.00%
Weapons	1	0	1	3	3	1	3	2	1	1	1	2	1	0	0.00%
Other	15	21	36	58	40	32	34	38	15	7	5	18	5	-10	-66.67%
Total	30	24	48	80	71	51	57	48	43	18	24	38	7	-23	-76.67%

Race	2004	%	2011	%	2012	%	2013	%	2014	%	2015	%	2016	%	Change 2004-2016	% Change Racial Makeup 2004-2016	% Change Overall Enrollment 2004-2016
Asian	2	100.0%	7	87.5%	4	100.0%	2	100.0%	2	100.0%	7	100.0%	NA	100.0%	#VALUE!	0.0%	#VALUE!
Black	16	84.2%	43	87.8%	24	80.0%	35	94.6%	33	91.7%	31	81.6%	46	91.3%	30	7.1%	187.5%
Hispanic	1	50.0%	8	100.0%	9	100.0%	9	100.0%	9	100.0%	9	100.0%	11	100.0%	10	50.0%	1000.0%
Indian	0	0.0%	0	0.0%	1	100.0%	3	75.0%	4	75.0%	0	0.0%	NA	NA	#VALUE!	#VALUE!	#VALUE!
White	215	88.1%	335	92.0%	301	95.9%	347	96.9%	337	97.7%	379	97.7%	393	97.0%	178	8.9%	82.8%
Graduates	234	87.6%	393	91.6%	340	94.7%	400	96.6%	388	97.0%	428	96.4%	446	96.1%	212	8.5%	90.6%
Dropouts	29	2.5%	29	1.8%	17	1.0%	16	0.9%	13	0.8%	18	1.0%	15	0.9%	-14	-1.6%	-48.3%

ACT	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% Change 2004-2016
Average composite score	21.5	22.3	22.9	22.7	22.8	22.3	22.0	22.2	22.6	22.6	22.7	22.8	20.7	-3.7%
Percent taking test	68.8%	71.8%	68.1%	71.7%	66.1%	65.9%	69.2%	73.5%	72.4%	67.3%	70.8%	69.8%	92.4%	34.3%

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Figures 167-169. Incidents, race of graduates and ACT scores for Timberland High School, 2004-2016.

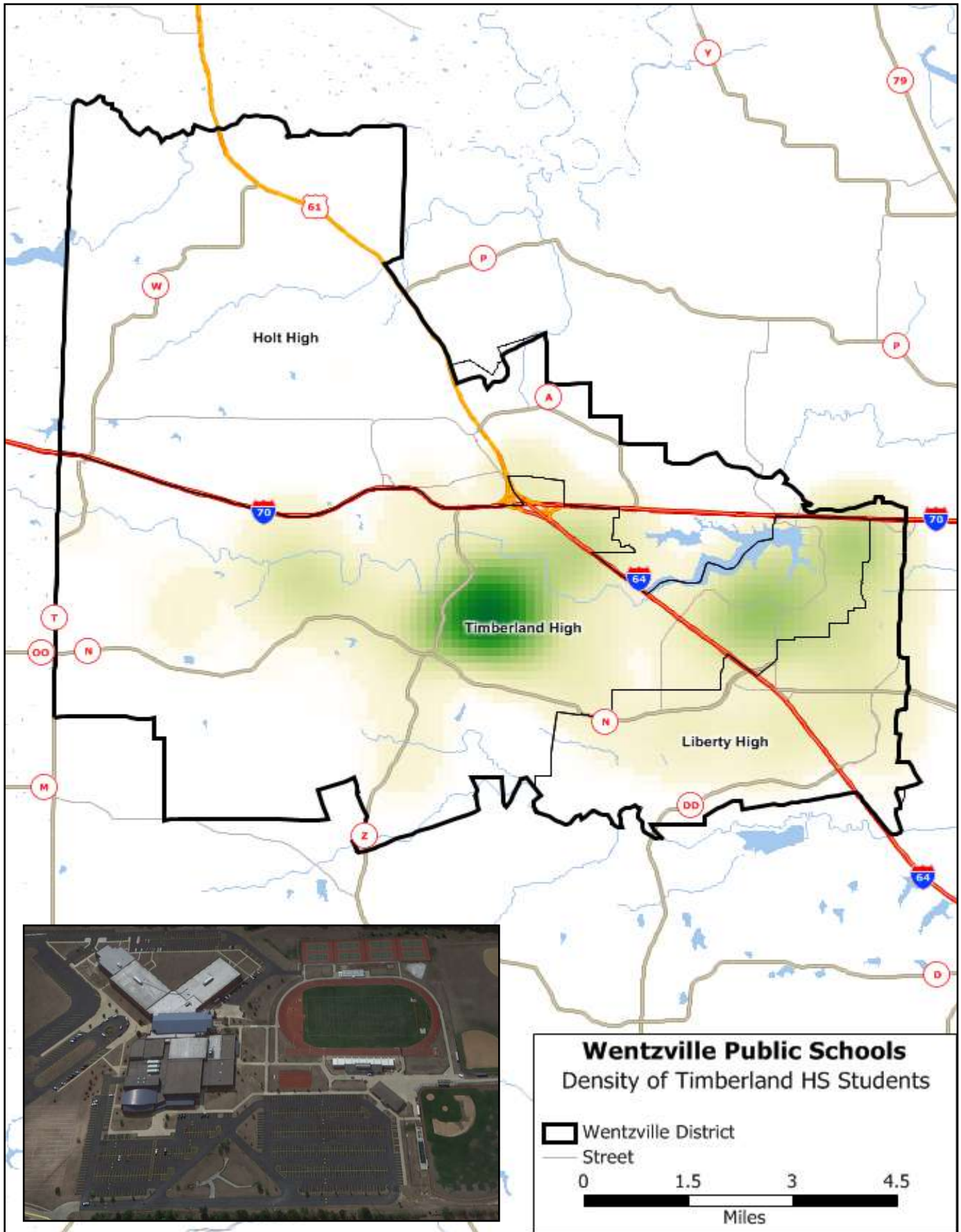
Incident	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Actual Change 2004-2016	% Change 2004-2016
Alcohol	1	1	2	3	3	4	19	3	7	0	2	1	3	2	200.00%
Drugs	8	15	15	13	28	21	20	36	29	12	8	10	8	0	0.00%
Tobacco	0	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!
Violence	7	0	0	0	0	0	0	0	0	0	0	0	0	-7	-100.00%
Weapons	1	1	0	1	1	1	5	3	0	4	5	1	6	5	500.00%
Other	20	26	35	34	22	31	22	21	27	25	8	13	10	-10	-50.00%
Total	37	43	52	51	54	57	66	63	63	41	23	25	27	-10	-27.03%

Race	2004	%	2005	%	2009	%	2010	%	2011	%	2012	%	2013	%	2014	%	2015	%	2016	%	Change 2004-2016	% Change Racial Makeup 2004-2016	% Change Overall Enrollment 2004-2016
Asian	0	0.0%	3	100.0%	2	66.7%	3	100.0%	8	100.0%	14	100.0%	12	100.0%	13	92.3%	10	100.0%	13	100.0%	13	100.0%	#DIV/0!
Black	9	90.0%	14	87.5%	28	90.3%	27	75.0%	35	74.5%	27	96.4%	35	97.2%	37	94.6%	45	93.3%	29	87.9%	20	-2.1%	222.2%
Hispanic	2	100.0%	1	100.0%	4	50.0%	7	87.5%	12	85.7%	12	92.3%	13	100.0%	14	100.0%	12	91.7%	13	100.0%	11	0.0%	550.0%
Indian	0	0.0%	1	100.0%	0	0.0%	0	0.0%	2	100.0%	0	0.0%	1	100.0%	2	100.0%	4	75.0%	NA	NA	#VALUE!	#VALUE!	#VALUE!
White	168	97.1%	188	90.4%	290	87.9%	337	90.3%	304	90.7%	333	95.4%	372	94.2%	396	95.2%	432	96.8%	436	97.3%	268	0.2%	159.5%
Graduates	179	96.8%	207	90.4%	324	87.1%	374	89.0%	361	88.9%	388	95.6%	434	94.6%	441	95.0%	488	96.1%	489	96.8%	310	0.0%	173.2%
Dropouts	15	1.6%	21	1.9%	43	2.8%	35	2.1%	36	2.0%	23	1.2%	23	1.1%	19	0.9%	18	1.0%	15	0.8%	0	-0.8%	0.0%

ACT	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	% Change 2004-2016
Average composite score	21.4	21.7	22.1	20.9	21.5	21.8	22.1	22.7	22.7	22.8	22.8	23.6	21.4	0.0%
Percent taking test	59.2%	58.9%	54.3%	60.8%	66.5%	67.3%	71.7%	63.7%	67.0%	62.7%	67.3%	64.2%	92.7%	56.5%

Wentzville R-IV School District

Figures 170-171. Aerial photo of Timberland High School and distribution of students.



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Figure 172. Free and reduced lunches at Timberland High School, 2004-2016.

Free & Reduced Lunches	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Change in Overall Enrollment 2004-2016	Change in Overall Percentage 2004-2016
Number	130	144	190	213	217	251	282	326	396	446	423	387	350	220	
Percent	14.1%	13.8%	15.3%	14.8%	14.3%	16.1%	16.6%	18.3%	21.0%	21.8%	21.2%	20.7%	19.7%	169.3%	39.5%

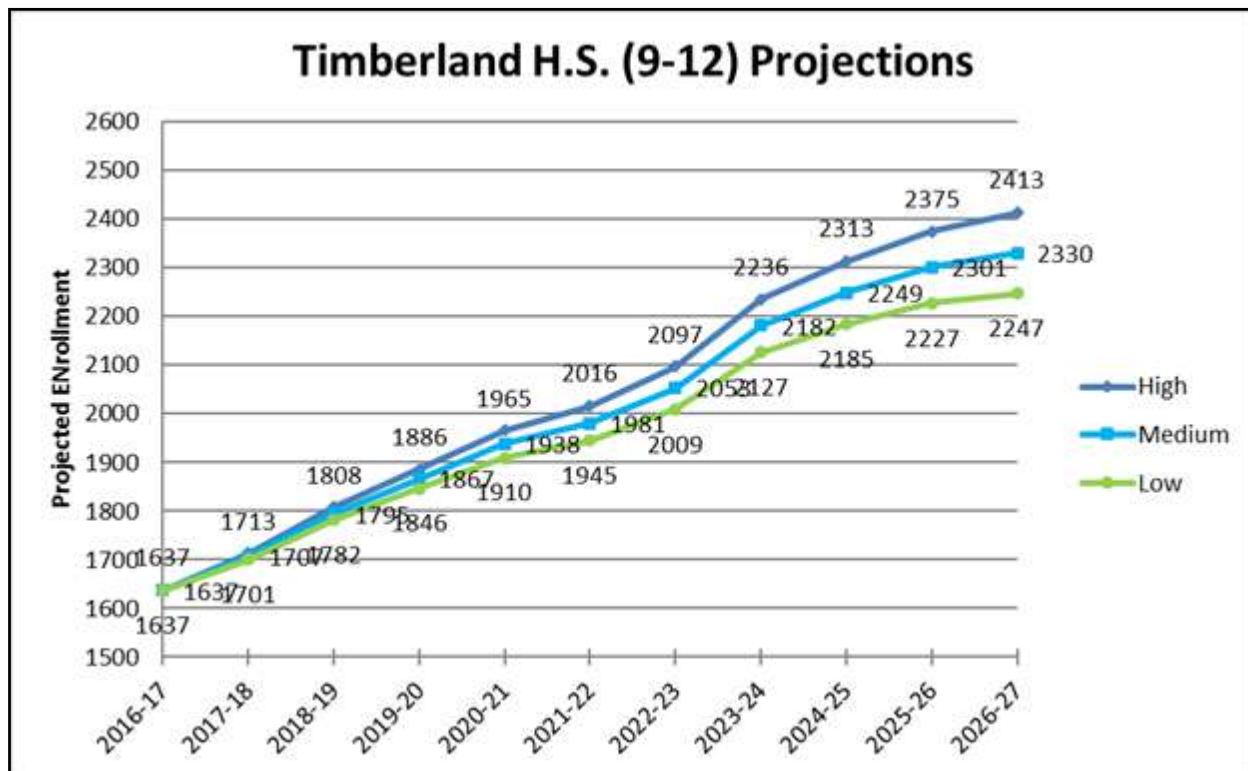
Figure 173. Racial demographic percentages of Timberland High School, 2004-2015.

Race	2004	%	2005	%	2010	%	2011	%	2012	%	2013	%	2014	%	2015	%	Change 2004-2015	% Change Racial Makeup 2004-2015	% Change Overall Enrollment 2004-2015
Asian	6	0.6%	10	0.9%	30	1.8%	50	2.8%	57	3.0%	49	2.4%	40	2.0%	36	1.9%	30	216.7%	417.5%
Black	44	4.6%	60	5.4%	150	8.9%	160	9.0%	155	8.2%	160	7.8%	148	7.4%	127	6.8%	83	47.8%	88.3%
Hispanic	7	0.7%	11	1.0%	40	2.4%	50	2.8%	47	2.5%	53	2.6%	50	2.5%	49	2.6%	42	271.4%	524.3%
Indian	1	0.1%	1	0.1%	3	0.2%	5	0.3%	6	0.3%	8	0.4%	8	0.4%	4	0.2%	3	100.0%	190.0%
Multi-Race	Calculated from 2011-2015						4	0.2%	6	0.3%	12	0.6%	20	1.0%	32	1.7%	28	750.0%	693.0%
Pacific Islander							0	0.0%	2	0.1%	0	0.0%	2	0.1%	2	0.1%	2	#DIV/0!	#DIV/0!
White	901	94.0%	1031	92.6%	1456	86.6%	1511	84.9%	1614	85.6%	1761	86.1%	1733	86.8%	1621	86.7%	720	-7.8%	-20.1%

Figure 174. Administrative percentages of Timberland High School, 2004-2016.

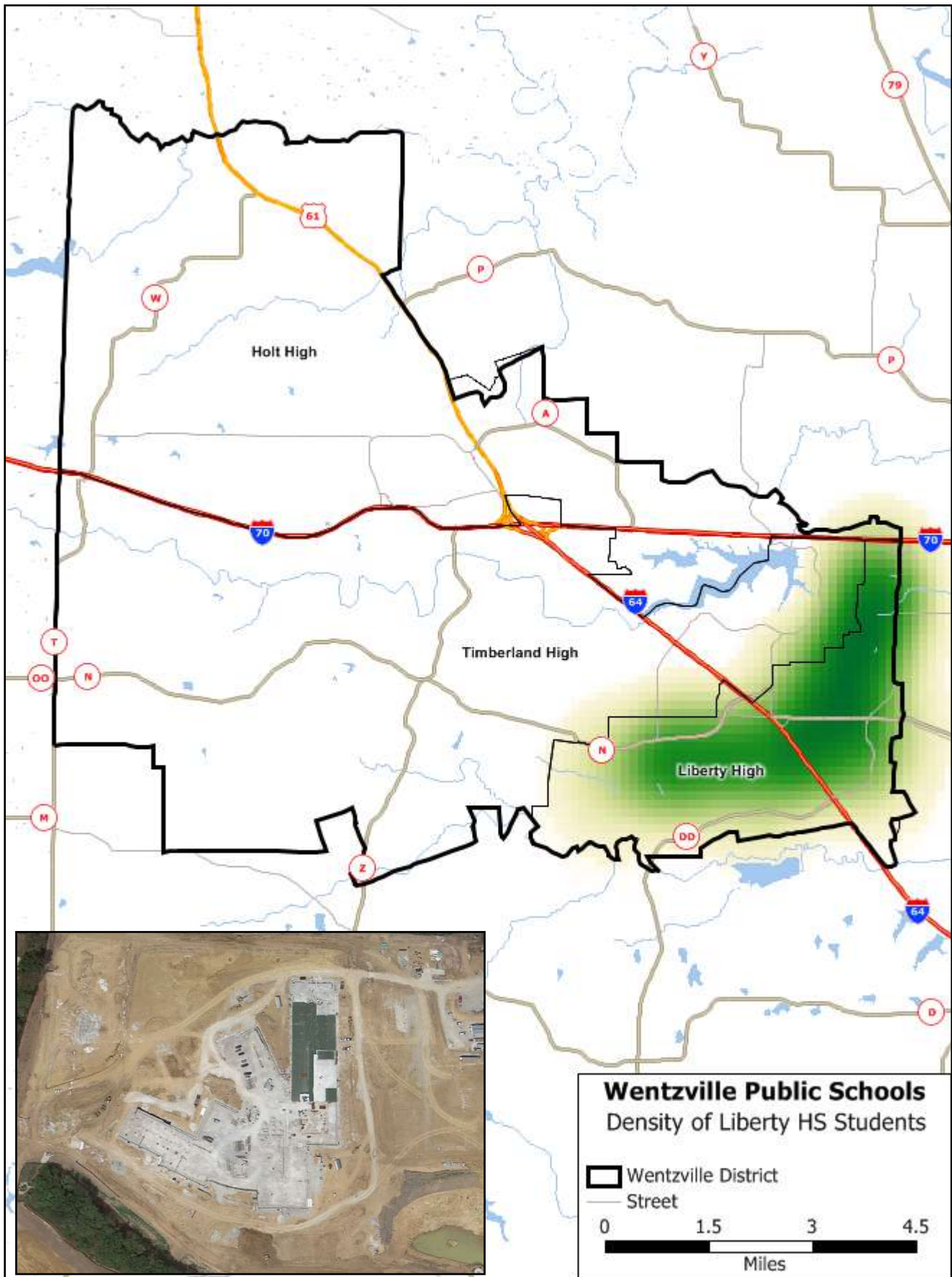
Statistic	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Actual Change 2004-2016	% Change 2004-2016
Students per administrator	320	371	417	483	376	385	420	445	472	409	399	374	355	35	10.9%
Students per teacher	16	17	16	18	21	19	19	19	19	19	18	17	17	1	6.3%
Average administrator salary	\$76,014	\$79,325	\$83,291	\$92,229	\$88,556	\$92,616	\$95,359	\$99,078	\$101,852	\$94,558	\$98,465	\$107,072	\$105,644	\$29,630	39.0%
Average teacher salary	\$40,527	\$40,736	\$41,085	\$43,322	\$47,872	\$49,797	\$52,636	\$52,738	\$53,878	\$54,315	\$55,905	\$57,501	\$59,949	\$19,422	47.9%
Average teacher experience (in years)	8.6	7.9	8.1	8.8	10.0	10.7	10.8	10.4	10.8	10.3	10.2	10.7	11.8	3.2	37.2%
Percent of teachers with a master's degree	48.1%	45.1%	56.8%	56.5%	67.9%	72.6%	76.7%	77.1%	81.8%	77.6%	78.9%	83.8%	82.4%	34.3%	71.3%

Figure 175. Timberland High School projections, 2017-2027.



Wentzville R-IV School District

Figures 176-177. Aerial photo of Liberty High School and distribution of students.



2016-17 Enrollment and Demographics Study

Figure 178. Free and reduced lunches at Liberty High School, 2014-2016.

Free & Reduced Lunches	2014	2015	2016	Change in Overall Enrollment 2014-2016	Change in Overall Percentage 2014-2016
Number	72	134	201	129	
Percent	25.8%	22.4%	21.4%	178.6%	-17.1%

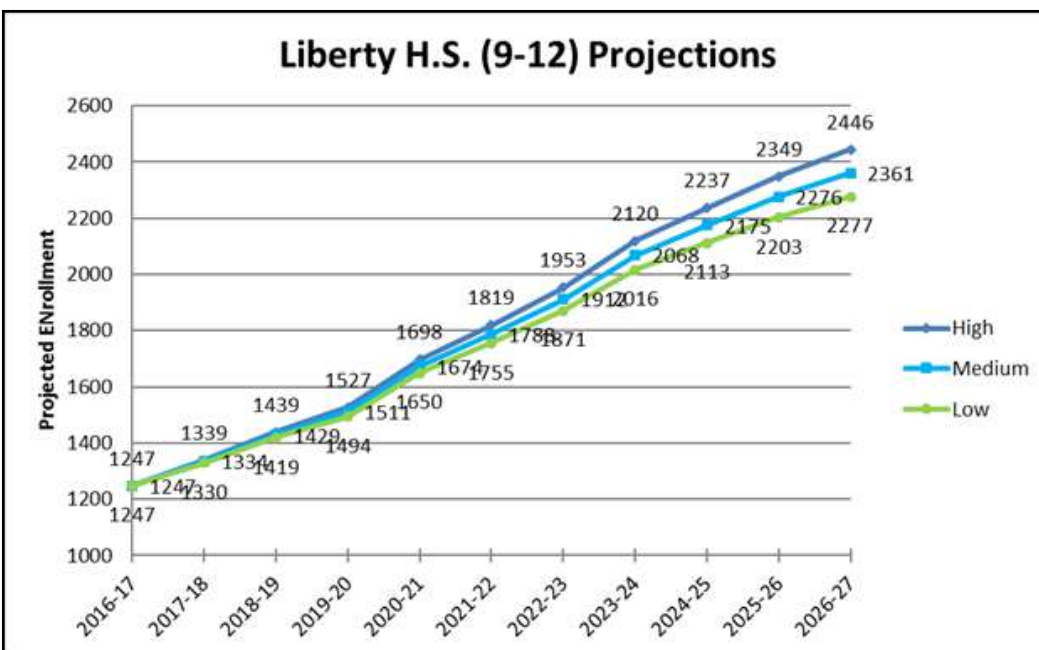
Figure 179. Racial demographic percentages of Liberty High School, 2014-2015.

Race	2014	%	2015	%	Change 2014-2015	% Change Racial Makeup 2014-2015	% Change Overall Enrollment 2014-2015
Asian	7	2.5%	12	2.0%	5	-20.0%	-28.8%
Black	14	5.0%	29	4.9%	15	-2.0%	9.7%
Hispanic	6	2.2%	24	4.0%	18	81.8%	189.1%
Indian	1	0.4%	1	0.2%	0	-50.0%	-93.0%
Multi-Race	8	2.9%	16	2.7%	8	-6.9%	-0.8%
Pacific Islander	0	0.0%	1	0.2%	1	#DIV/0!	#DIV/0!
White	243	87.1%	514	86.1%	271	-1.1%	11.5%

Figure 180. Administrative percentages of Liberty High School, 2014-2016.

Statistic	2014	2015	2016	Actual Change 2014-2016	% Change 2004-2016
Students per administrator	279	597	469	190	68.1%
Students per teacher	16	18	14	-2	-12.5%
Average administrator salary	\$133,000	\$136,990	\$103,500	-\$29,500	-22.2%
Average teacher salary	\$53,109	\$53,586	\$54,370	\$1,261	2.4%
Average teacher experience (in years)	9.1	8.4	8.4	-0.7	-7.7%
Percent of teachers with a master's degree	78.4%	75.5%	77.8%	-0.6%	-0.8%

Figure 181. Liberty High School projections, 2017-2027.

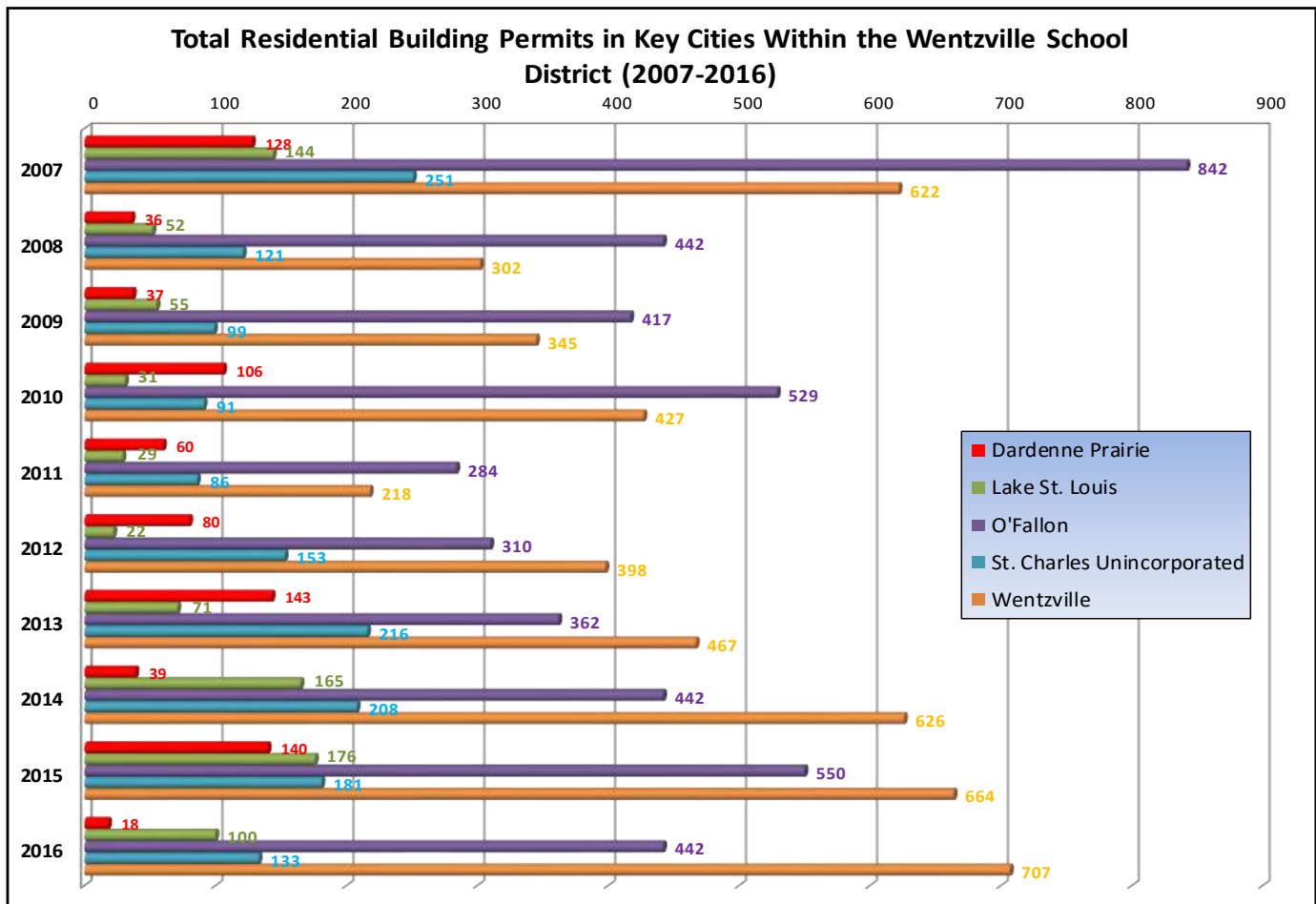


CONSTRUCTION PROFILE

In 2005, there was a total of more than 3,000 residential building permits issued by the cities with jurisdiction within the Wentzville School District. (We could not break out the O'Fallon permits more precisely to know they were all within the Wentzville district, but city staff said most were.) At the low-point of the housing recession in 2011, there were only 592 residential building permits issued. In 2015, there were 1,530 single-family permits issued for new construction, more than nearly doubling the 2011 numbers.

During the last year, the residential housing market has continued to improve significantly. Figure 184 shows the relationship between houses sold or built and the new enrollment in the district. Statistically, the predictability of new homes built and enrollment growth since 2005 is 0.8324, with 1 meaning that for every house built there would be a new student. House sales is much weaker predictor of new enrollment. The table shows that on average, each new single-family house results in 0.772 new students; each house sold results in 0.956 new students. In

Figure 182. Total residential building permits for key cities in the Wentzville area, 2007-2016.



many districts, there is no or a weak statistical relationship between additional enrollment and house sales or homes built. But not so in Wentzville. The small table in Figure 183, right, shows our best estimate of how many additional students could be expected to enroll in the Wentzville public schools, based only on the total number of new, single-family homes built in the district. (For the 2016, the Assessor's data shows only two homes built. But there are 707 houses classified as "vacant" but have been sold and most appear to have families owning them. Therefore, we believe the 2016 data might need some additional clean-up to show the same consistency as it has for the other years.

SF Houses Built	Predicted Additional Enrollment
200	426
300	463
400	500
500	538
600	575
700	612
800	650
900	687
1,000	724

Figures 183-184. The small table to the right is based on a strong prediction model of single-family homes built and additional enrollment. It has a predictability of 0.8324 and correlation of 0.9124, which is excellent. Below, based on data from the county assessor's office, we averaged data from 1986 through 2015. Our calculations show that every single-family home built in the district results on 0.784 new students and for every single-family house sold, the district's enrollment would increase by 0.905 students.

Year	Single-Family Building Permits	Single-Family Units Built	Percentage Permits to Construction	Single-Family Units Sold	All Residential Units Built	All Residential Units Sold	Year-to-Year Additional Enrollment	Actual Enrollment	Ratio of New Students to SF Houses Built	Ratio of New Students to SF Sales	Ratio of New Students to All Residences Built	Ratio of New Students to All Residences
1986	1,934	344	17.8%	80	420	91		3,687				
1987	1,621	311	19.2%	86	348	101	225	3,912	0.723	2.616	0.647	2.228
1988	1,161	174	15.0%	59	200	77	168	4,080	0.966	2.847	0.840	2.182
1989	1,137	129	11.3%	58	147	76	58	4,138	0.450	1.000	0.395	0.763
1990	1,189	92	7.7%	76	109	101	231	4,369	2.511	3.039	2.119	2.287
1991	1,211	108	8.9%	81	122	94	19	4,388	0.176	0.235	0.156	0.202
1992	1,632	180	11.0%	108	198	125	223	4,611	1.239	2.065	1.126	1.784
1993	1,611	191	11.9%	101	211	124	129	4,740	0.675	1.277	0.611	1.040
1994	2,148	242	11.3%	134	290	170	99	4,839	0.409	0.739	0.341	0.582
1995	2,152	282	13.1%	133	340	156	138	4,977	0.489	1.038	0.406	0.885
1996	2,330	381	16.4%	204	424	244	332	5,309	0.871	1.627	0.783	1.361
1997	2,242	378	16.9%	207	451	260	90	5,399	0.238	0.435	0.200	0.346
1998	2,681	533	19.9%	308	598	347	160	5,559	0.300	0.519	0.268	0.461
1999	2,952	870	29.5%	385	1037	467	183	5,742	0.210	0.475	0.176	0.392
2000	2,558	975	38.1%	427	1094	505	247	5,989	0.253	0.578	0.226	0.489
2001	2,807	1,491	53.1%	518	1623	586	412	6,401	0.276	0.795	0.254	0.703
2002	3,246	1,351	41.6%	694	1762	832	598	6,999	0.443	0.862	0.339	0.719
2003	3,309	1,362	41.2%	916	1717	1,103	789	7,788	0.579	0.861	0.460	0.715
2004	3,267	1,514	46.3%	1,010	1947	1,254	930	8,718	0.614	0.921	0.478	0.742
2005	2,868	1,513	52.8%	1,133	1774	1,407	922	9,640	0.609	0.814	0.520	0.655
2006	1,991	1,036	52.0%	1,027	1392	1,286	855	10,495	0.825	0.833	0.614	0.665
2007	1,676	845	50.4%	986	1271	1,307	609	11,104	0.721	0.618	0.479	0.466
2008	795	467	58.7%	783	692	1,066	538	11,642	1.152	0.687	0.777	0.505
2009	778	410	52.7%	869	585	1,140	483	12,125	1.178	0.556	0.826	0.424
2010	764	291	38.1%	965	359	1,273	506	12,631	1.739	0.524	1.409	0.397
2011	592	374	63.2%	938	478	1,214	472	13,103	1.262	0.503	0.987	0.389
2012	854	582	68.1%	1,342	674	1,690	557	13,660	0.957	0.415	0.826	0.330
2013	1,136	660	58.1%	1,700	751	2,131	562	14,222	0.852	0.331	0.748	0.264
2014	1,237	803	64.9%	1,924	1079	2,449	547	14,769	0.681	0.284	0.507	0.223
2015	1,336	584	43.7%	2,597	1020	3,219	575	15,344	0.985	0.221	0.564	0.179
2016	1,400	2	0.1%	1,955	713	3,516	642	15,986	321.000	0.328	0.900	0.183
Average 1986-2016	1,837	625	35.0%	682	783	855	402		0.772	0.956	0.624	0.835

The housing market peaked in the area in 2005 and has stabilized some during the last couple of years, but still has a long way to go before it returns to even an average health. The figures on these two pages show the type of housing permits approved since 2005, and a by-city total showing yearly totals.

Figure 185. Total residential building permits issued in the cities within the Wentzville School District, 2005-2016, by type of structure.

Total Residential Building Permits Issued in Cities within the Wentzville School District, 2005-2016														
	Units in Single-Family Structures													Total Since 2005
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Thru Oct 2016		
Dardenne Prarie	146	111	116	36	37	68	60	80	55	39	43	18	809	
Lake St. Louis	156	98	65	34	31	31	29	22	71	82	118	78	815	
O'Fallon	892	680	648	308	300	315	235	273	330	344	378	320	5,023	
St. Charles Unincorporated	514	328	239	121	99	91	86	153	216	208	181	133	2,369	
Wentzville	1,155	766	603	294	311	259	182	326	459	564	616	599	6,134	
TOTAL	2,863	1,983	1,671	793	778	764	592	854	1,131	1,237	1,336	1,148	15,150	
	Units in All Multi-Family Structures													Total Since 2005
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Thru Oct 2016		
Dardenne Prarie	0	0	12	0	0	38	0	0	88	0	97	0	235	
Lake St. Louis	60	29	79	18	24	0	0	0	0	83	58	22	373	
O'Fallon	263	537	194	134	117	214	49	37	32	98	172	122	1,969	
St. Charles Unincorporated	10	18	12	0	0	0	0	0	0	0	0	0	40	
Wentzville	16	30	19	8	34	168	36	72	8	62	48	108	609	
TOTAL	349	614	316	160	175	420	85	109	128	243	375	252	3,226	
	Units in 2-unit Multi-Family Structures													Total Since 2005
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Thru Oct 2016		
Dardenne Prarie	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lake St. Louis	8	0	2	0	0	0	0	0	0	0	0	0	10	
O'Fallon	58	32	50	24	24	30	10	26	6	28	6	12	306	
St. Charles Unincorporated	4	0	0	0	0	0	0	0	0	0	0	0	4	
Wentzville	16	30	14	8	0	12	0	20	8	2	0	0	110	
TOTAL	86	62	66	32	24	42	10	46	14	30	6	12	430	

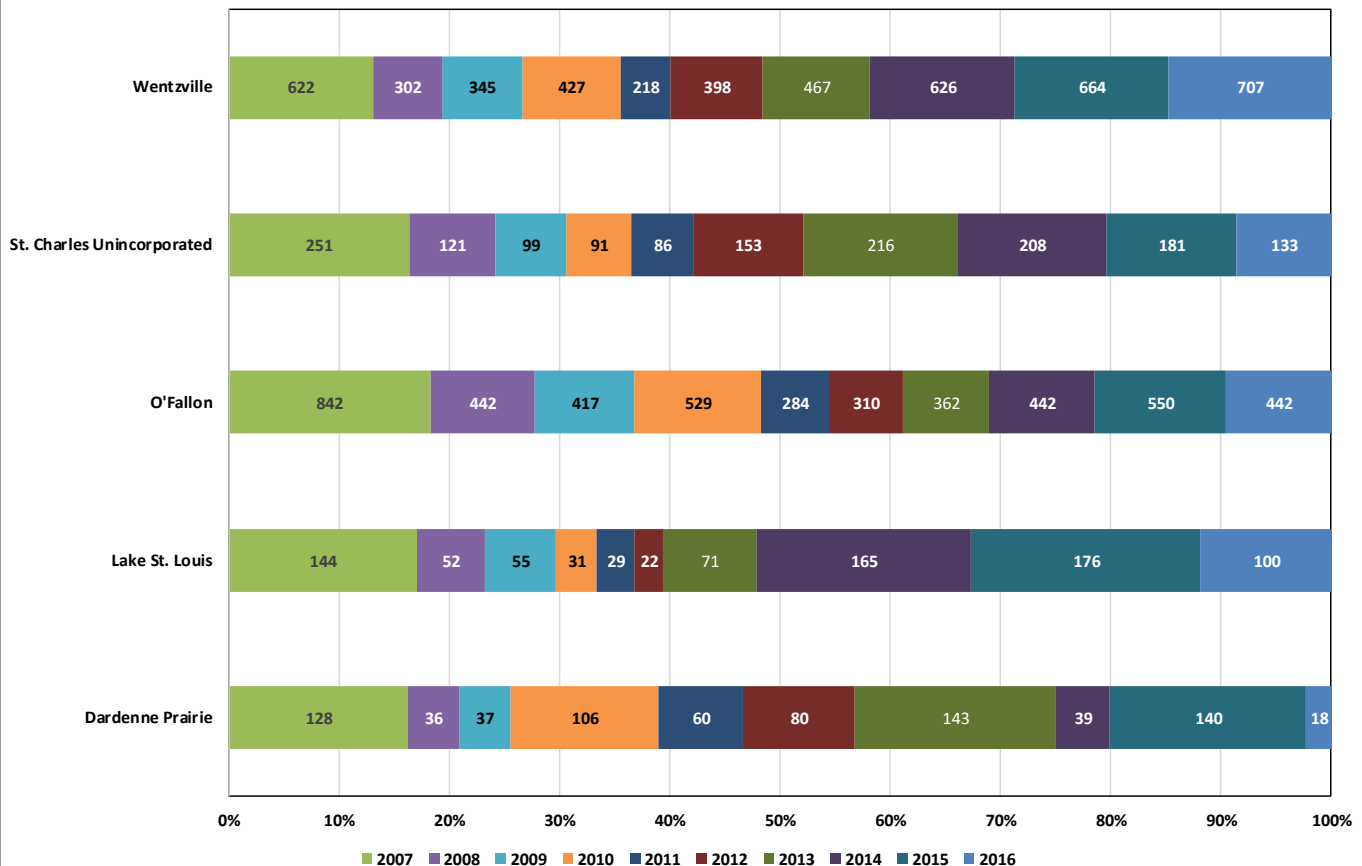
Total Residential Building Permits Issued in Cities within the Wentzville School District, 2005-2016

	Units in 3- and 4-unit Multi-Family Structures													Total Since 2005
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Thru Oct 2016		
Dardenne Prarie	0	0	12	0	0	0	0	0	24	0	0	0	36	
Lake St. Louis	52	17	17	6	0	0	0	0	0	19	9	0	120	
O'Fallon	49	97	108	62	45	100	27	11	26	70	52	38	685	
St. Charles Unincorporated	0	0	0	0	0	0	0	0	0	0	0	0	0	
Wentzville	0	0	0	0	16	0	0	4	0	0	0	0	20	
TOTAL	101	114	137	68	61	100	27	15	50	89	61	38	861	

	Units in 5+ Unit Multi-Family Structures													Total Since 2005
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Thru Oct 2016		
Dardenne Prarie	0	0	0	0	0	0	0	0	64	0	97	0	161	
Lake St. Louis	0	12	60	12	24	0	0	0	0	64	49	22	243	
O'Fallon	156	408	36	48	48	84	12	0	0	0	114	72	978	
St. Charles Unincorporated	6	18	12	0	0	0	0	0	0	0	0	0	36	
Wentzville	0	0	5	0	18	156	36	48	0	60	48	108	479	
TOTAL	162	438	113	60	90	240	48	48	64	124	308	202	1,897	

Figure 186. Total residential permits by key city, from 2007 through 2016, by year.

Residential Building Permits for Cities, by year, within the Wentzville School District (2007-2016)



Wentzville R-IV School District

Figures 187-189. Number of homes sold, pending listings and active listings at local municipalities and within the Wentzville School District between 2009 and 2016.

Figures 187-192 show data from the St. Louis Board of Realtors for the last five years. In the Wentzville School District, the number of homes sold in 2016 have increased by 106 percent since 2009. But the average listing price has increased by only 15 percent and average sales prices have increased by 18 percent since 2009.

Homes Sold in Local Municipalities in 2009-2016

City	Number of Homes Sold, 2016	Number of Homes Sold, 2015	Number of Homes Sold, 2013	Number of Homes Sold, 2012	Number of Homes Sold, 2011	Number of Homes Sold, 2010	Number of Homes Sold, 2009	% Change 2009 > 2016	% Change 2013 > 2016
Wentzville	837	802	665	600	446	466	445	88.1%	25.9%
Dardenne Prairie	183	180	187	145	111	125	110	66.4%	-2.1%
Lake St. Louis	516	454	378	264	242	237	227	127.3%	36.5%
Average	512	1,436	1,230	1,009	799	828	782	-34.5%	-58.4%
Wentzville School District	1,685	1,569	1,360	1,001	808	882	818	106.0%	23.9%
Foristell	120	121	96	75	59	65	58	106.9%	25.0%
Warrenton	180	186	163	146	131	137	145	24.1%	10.4%
Wright City	155	144	119	94	86	87	82	89.0%	30.3%

Homes Sold in Local Municipalities in 2009-2016

City	Number of Pending Listings 2016	Number of Pending Listings 2015	Number of Pending Listings 2013	Number of Pending Listings 2012	Number of Pending Listings 2011	Number of Pending Listings 2010	Number of Pending Listings 2009	% Change 2009 > 2016	% Change 2013 > 2016
Wentzville	858	801	660	614	463	481	475	80.6%	30.0%
Dardenne Prairie	185	177	184	150	116	123	116	59.5%	0.5%
Lake St. Louis	522	459	374	273	249	250	229	127.9%	39.6%
Total	1,565	1,437	1,218	1,037	828	854	820	90.9%	28.5%
Wentzville School District	1,716	1,573	1,347	1,037	841	911	843	103.6%	27.4%
Foristell	119	125	90	78	63	70	61	95.1%	32.2%
Warrenton	179	185	160	150	140	139	151	18.5%	11.9%
Wright City	169	143	123	97	88	87	86	96.5%	37.4%

Homes Sold in Local Municipalities in 2009-2015

City	Number of Active Listings 2016	Number of Active Listings 2015	Number of Active Listings 2013	Number of Active Listings 2012	Number of Active Listings 2011	Number of Active Listings 2010	Number of Active Listings 2009	% Change 2009 > 2016	% Change 2013 > 2016
Wentzville	1,356	1,290	1,331	1,367	1,386	1,647	1,469	-7.7%	1.9%
Dardenne Prairie	269	249	307	303	311	351	327	-17.7%	-12.4%
Lake St. Louis	756	679	631	597	590	632	614	23.1%	19.8%
Total	2,381	2,218	2,269	2,267	2,287	2,630	2,410	-1.2%	4.9%
Wentzville School District	2,614	2,500	2,478	2,318	2,351	2,816	2,419	8.1%	5.5%
Foristell	195	189	171	206	241	268	233	-16.3%	14.0%
Warrenton	287	302	384	359	382	505	485	-40.8%	-25.3%
Wright City	247	251	245	215	240	331	322	-23.3%	0.8%

Figures 190-192. Average sales prices, expired listings and average listing prices for houses sold at local municipalities and within the Wentzville School District between 2009 and 2016.

Homes Sold in Local Municipalities in 2009-2016

City	Average Sales Price, 2016	Average Sales Price, 2015	Average Sales Price, 2013	Average Sales Price, 2012	Average Sales Price, 2011	Average Sales Price, 2010	Average Sales Price, 2009	% Change 2009 > 2016	% Change 2013 > 2016
Wentzville	\$234,502	\$225,009	\$197,511	\$193,281	\$186,242	\$197,043	\$189,878	23.5%	18.7%
Dardenne Prairie	\$303,960	\$300,646	\$280,044	\$271,347	\$265,190	\$283,083	\$269,115	12.9%	8.5%
Lake St. Louis	\$296,179	\$273,742	\$251,781	\$230,113	\$229,563	\$288,660	\$244,570	21.1%	17.6%
Average	\$278,214	\$266,466	\$243,112	\$231,580	\$226,998	\$256,262	\$234,521	18.6%	14.4%
Wentzville School District	\$250,325	\$235,242	\$214,641	\$198,259	\$197,020	\$223,983	\$212,211	18.0%	16.6%
Foristell	\$255,352	\$239,065	\$253,590	\$233,615	\$195,531	\$225,590	\$230,299	10.9%	0.7%
Warrenton	\$155,294	\$143,143	\$115,919	\$116,884	\$113,804	\$120,731	\$128,761	20.6%	34.0%
Wright City	\$168,444	\$147,301	\$135,305	\$127,582	\$120,576	\$125,654	\$123,353	36.6%	24.5%

Homes Sold in Local Municipalities in 2009-2016

City	Average List Price, 2016	Average List Price, 2015	Average List Price, 2013	Average List Price, 2012	Average List Price, 2011	Average List Price, 2010	Average List Price, 2009	% Change 2009 > 2016	% Change 2013 > 2016
Wentzville	\$270,693	\$245,657	\$219,633	\$217,269	\$223,775	\$226,572	\$242,040	23.2%	23.2%
Dardenne Prairie	\$324,684	\$313,890	\$309,477	\$307,232	\$305,765	\$315,135	\$328,493	4.9%	4.9%
Lake St. Louis	\$312,507	\$300,193	\$291,053	\$275,134	\$275,597	\$325,842	\$316,431	7.4%	7.4%
Average	\$302,628	\$286,580	\$273,388	\$266,545	\$268,379	\$289,183	\$295,655	10.7%	10.7%
Wentzville School District	\$274,163	\$262,856	\$238,411	\$231,367	\$232,897	\$251,754	\$259,530	15.0%	15.0%
Foristell	\$320,126	\$288,987	\$306,636	\$289,644	\$287,420	\$329,390	\$316,970	4.4%	4.4%
Warrenton	\$183,416	\$169,506	\$171,069	\$155,409	\$172,994	\$172,934	\$245,061	7.2%	7.2%
Wright City	\$182,239	\$174,963	\$172,903	\$152,157	\$157,539	\$179,651	\$166,063	5.4%	5.4%

Homes Sold in Area School Districts in 2012-2015

City	Number of Homes Sold, 2016	Number of Homes Sold, 2015	Number of Homes Sold, 2014	Number of Homes Sold, 2013	Number of Homes Sold, 2012	% Change 2012 > 2016	% Change 2014 > 2016	Average Sales Price, 2016	Average Sales Price, 2015	Average Sales Price, 2014	Average Sales Price, 2013	Average Sales Price, 2012	% Change 2012 > 2016	% Change 2014 > 2015
Wentzville School District	1,685	1,569	1,383	1,360	1,001	68.3%	21.8%	\$250,325	\$235,242	\$223,122	\$214,641	\$198,259	26.3%	12.2%
Fort Zumwalt School District	1,711	1,714	1,471	1,524	1,115	53.5%	16.3%	\$218,977	\$205,605	\$194,484	\$188,529	\$180,689	21.2%	12.6%
Francis Howell School District	1,601	1,617	1,484	1,505	1,175	36.3%	7.9%	\$246,263	\$234,755	\$235,253	\$220,937	\$218,633	12.6%	4.7%
Hazelwood School District	1,445	1,315	1,175	1,389	1,316	9.8%	23.0%	\$108,366	\$95,982	\$91,925	\$81,050	\$74,877	44.7%	17.9%
Orchard Farm School District	156	178	122	108	76	105.3%	27.9%	\$208,468	\$203,605	\$206,729	\$184,731	\$162,793	28.1%	0.8%
St. Charles R-VI School District	643	531	455	478	401	60.3%	41.3%	\$176,857	\$167,705	\$170,231	\$152,242	\$141,873	24.7%	3.9%
Troy School District	567	555	474	436	310	82.9%	19.6%	\$172,388	\$160,663	\$144,044	\$137,975	\$130,402	32.2%	19.7%
Warren County School District	227	242	209	208	144	57.6%	8.6%	\$178,256	\$165,440	\$152,337	\$127,531	\$122,820	45.1%	17.0%
Wright City School District	253	244	184	180	144	75.7%	37.5%	\$206,546	\$187,268	\$194,266	\$172,789	\$191,852	7.7%	6.3%

Wentzville R-IV School District

Figures 193-198 show data from the St. Louis Board of Realtors for the last five years. In the Wentzville School District, the number of homes sold in 2015 have increased by 91.8 percent since 2009. But the average listing price has increased by only 10.3 percent and average sales prices have increased by 14 percent since 2009.

Figures 193-194. Number of homes sold, pending listings and active listings at ZIP codes within the Wentzville School District between 2012 and 2016.

Homes Sold in ZIP Codes in Wentzville District 2012-2016

City	Number Sold, 2016	Number Sold, 2015	Number Sold, 2014	Number Sold, 2013	Number Sold, 2012	% Change 2012 > 2016	% Change 2015 > 2016
63366	768	869	773	807	666	15.3%	-11.6%
63368	643	791	703	705	574	12.0%	-18.7%
63367	529	656	544	487	379	39.6%	-19.4%
63385	833	877	752	756	675	23.4%	-5.0%
63348	133	194	143	132	103	29.1%	-31.4%
Average	581	677	583	577	479	23.9%	-17.2%
Wentzville School District	1,685	1,568	1,383	1,362	1,001	25.6%	7.5%

Homes Pending in ZIP Codes in Wentzville District 2012-2016

City	Number Pending, 2016	Number Pending, 2015	Number Pending, 2014	Number Pending, 2013	Number Pending, 2012	% Change 2012 > 2016	% Change 2015 > 2016
63366	785	864	777	804	682	15.1%	-9.1%
63368	642	801	696	698	587	9.4%	-19.9%
63367	536	654	556	485	392	36.7%	-18.0%
63385	853	870	772	768	690	23.6%	-2.0%
63348	133	203	146	125	107	24.3%	-34.5%
Average	590	678	589	576	492	20.0%	-13.1%
Wentzville School District	1,716	1,880	1,648	1,559	1,212	41.6%	-8.7%

Figures 195-196. Average sales prices, expired listings and average listing prices for houses sold at ZIP codes within the Wentzville School District between 2012 and 2016.

Homes Expired Listing in ZIP Codes in Wentzville District 2012-2016

City	Number Expired Listings 2016	Number Expired Listings 2015	Number Expired Listings 2014	Number Expired Listings 2013	Number Expired Listings 2012	% Projected Change 2015>2016	% Change 2012 > 2016	% Change 2015 > 2016
63366	134	208	248	278	343	-35.6%	-60.9%	-35.6%
63368	88	154	199	245	289	-42.9%	-69.6%	-42.9%
63367	183	162	216	188	234	13.0%	-21.8%	13.0%
63385	183	334	406	428	590	-45.2%	-69.0%	-45.2%
63348	32	110	102	120	145	-70.9%	-77.9%	-70.9%
Average	124	194	234	252	320	-36.0%	-59.8%	-36.3%
Wentzville School District	356	551	643	669	784	-35.4%	-54.6%	-35.4%

Homes Listed in ZIP Codes in Wentzville District 2012-2016

City	Number Active Listings 2016	Number Active Listings 2015	Number Active Listings 2014	Number Active Listings 2013	Number Active Listings 2012	% Change 2012 > 2016	% Change 2015 > 2016
63366	1,075	1,286	1,310	1,323	1,308	-17.8%	-16.4%
63368	874	1,136	1,137	1,168	1,197	-27.0%	-23.1%
63367	774	1,015	1,078	908	885	-12.5%	-23.7%
63385	1,373	1,565	1,747	1,766	1,766	-22.3%	-12.3%
63348	233	396	395	403	476	-51.1%	-41.2%
Average	866	1,080	1,133	1,114	1,126	-26.1%	-23.3%
Wentzville School District	2,614	3,070	3,244	3,037	2,777	-5.9%	-14.9%

Wentzville R-IV School District

Figure 197. Year that residential properties were built in the Wentzville School District, overall in the district.

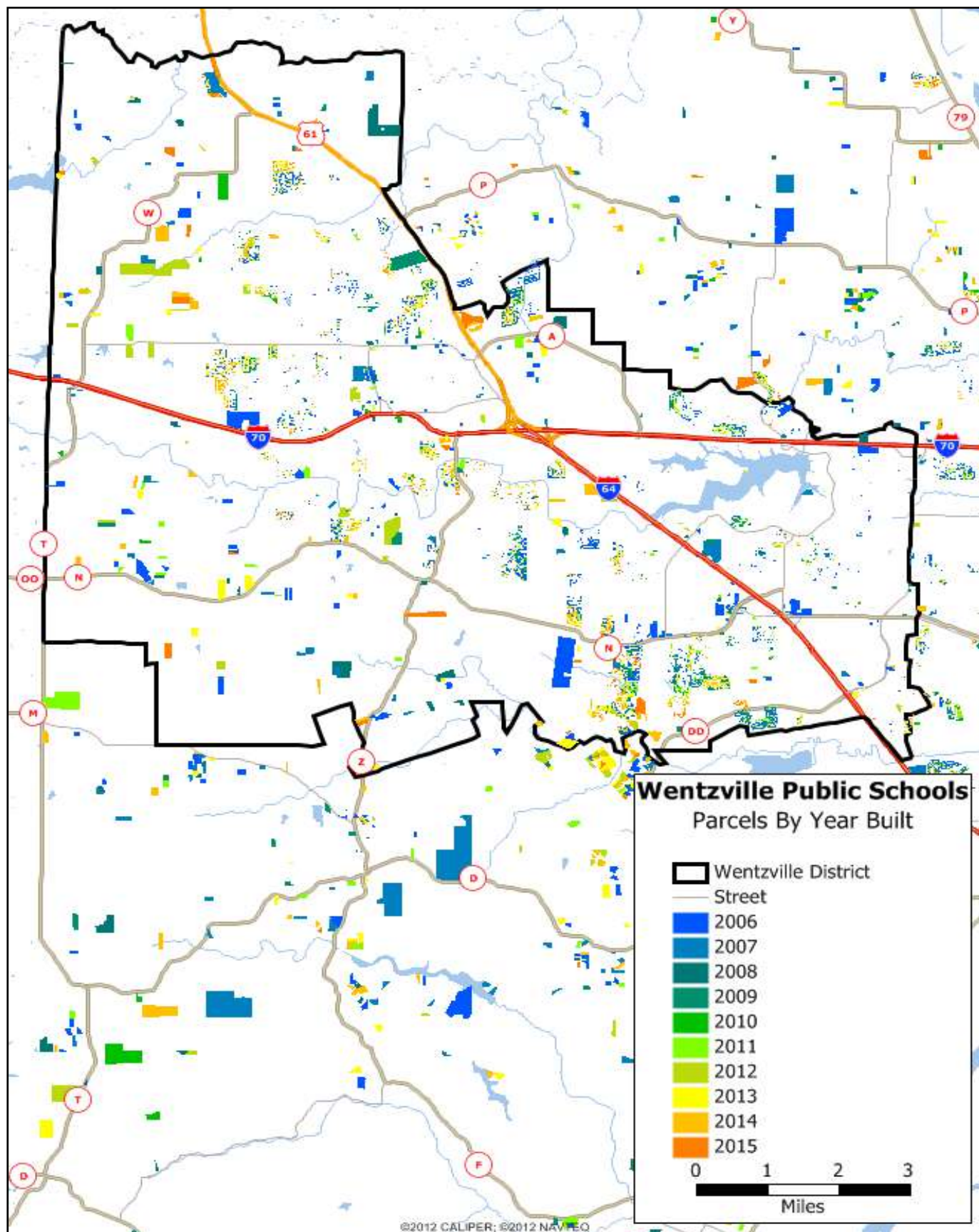
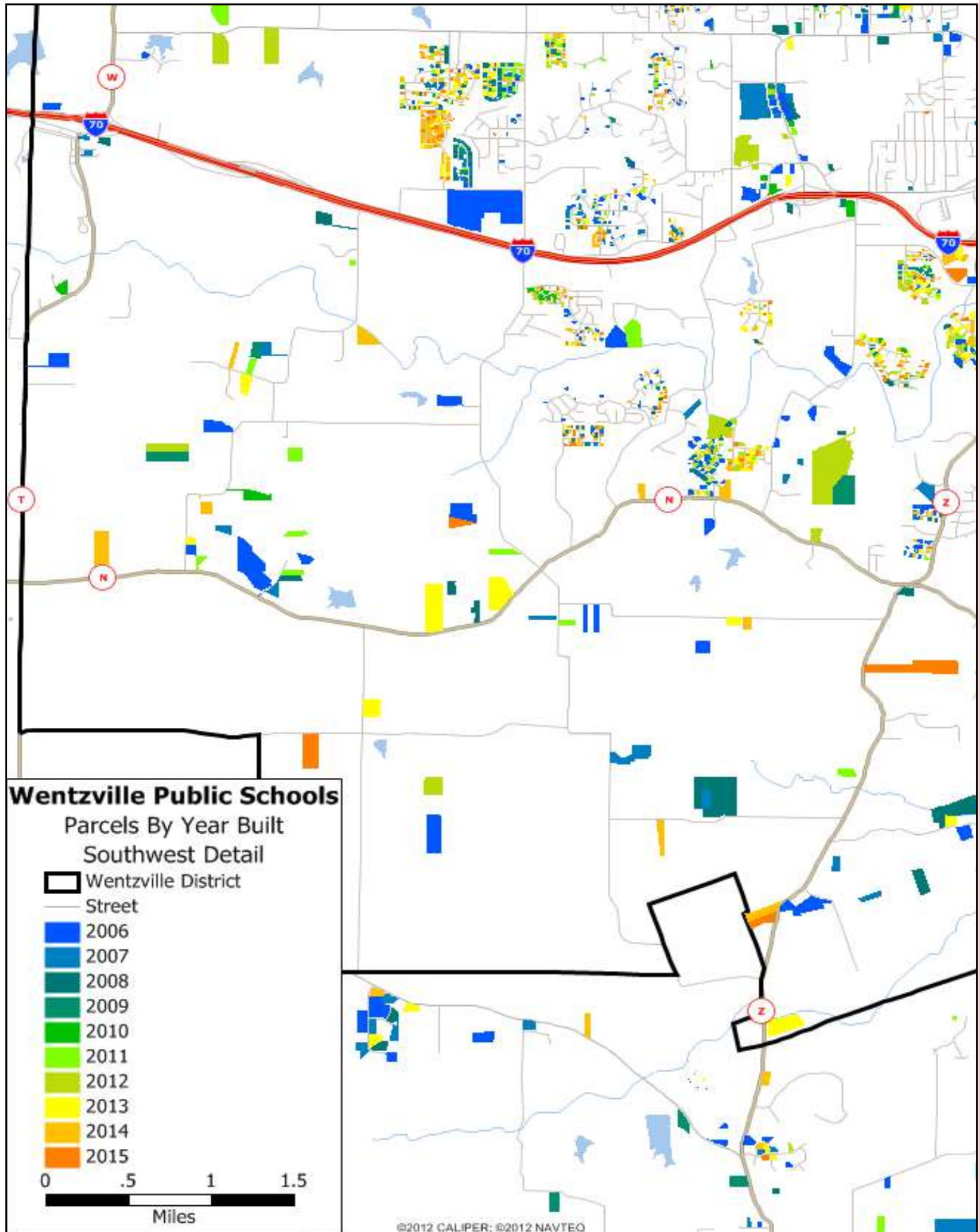


Figure 198. Year that residential properties were built in the southwestern part of the Wentzville School District.



Figures 199. Year that residential properties were built in the northwestern part of the Wentzville School District.

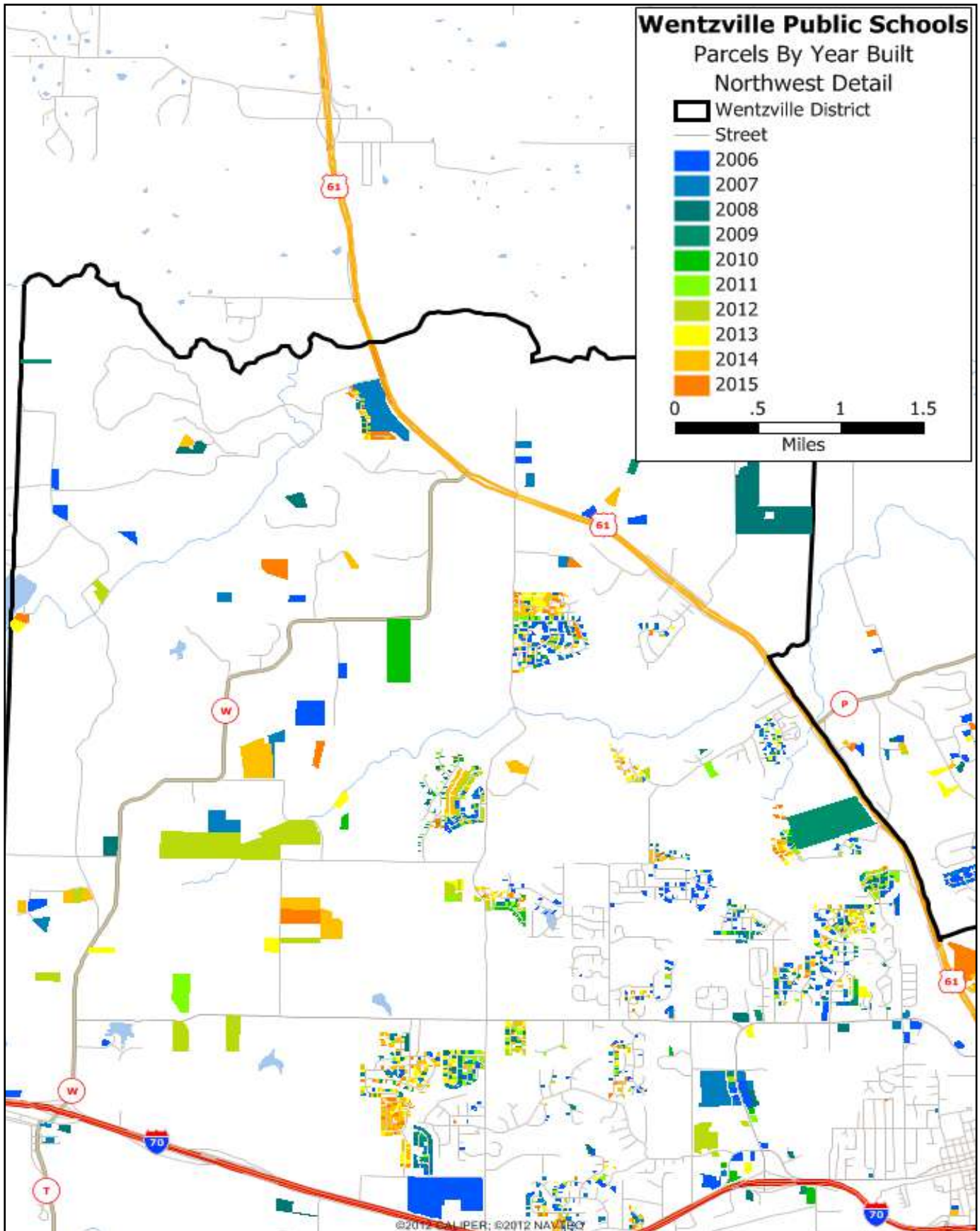
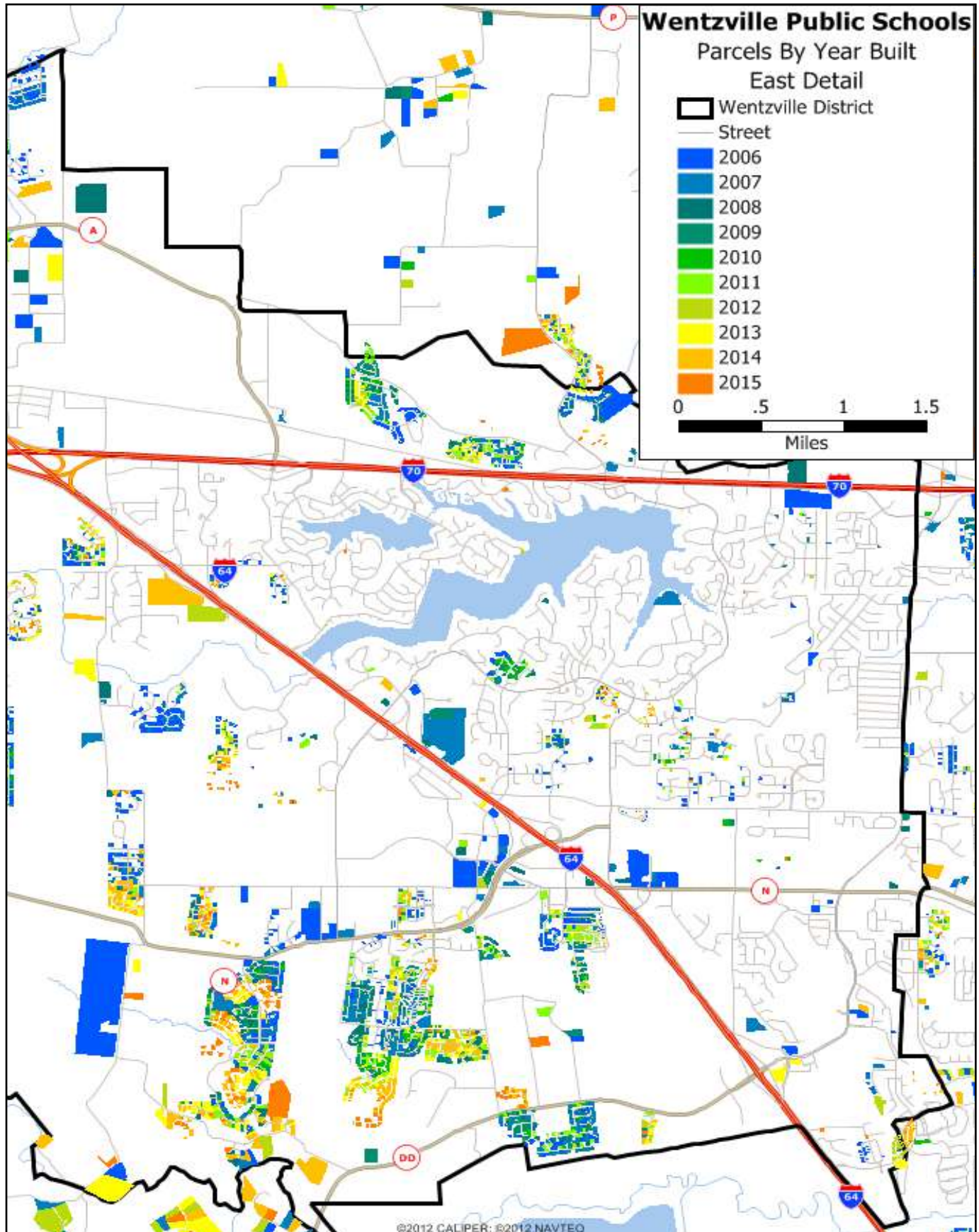
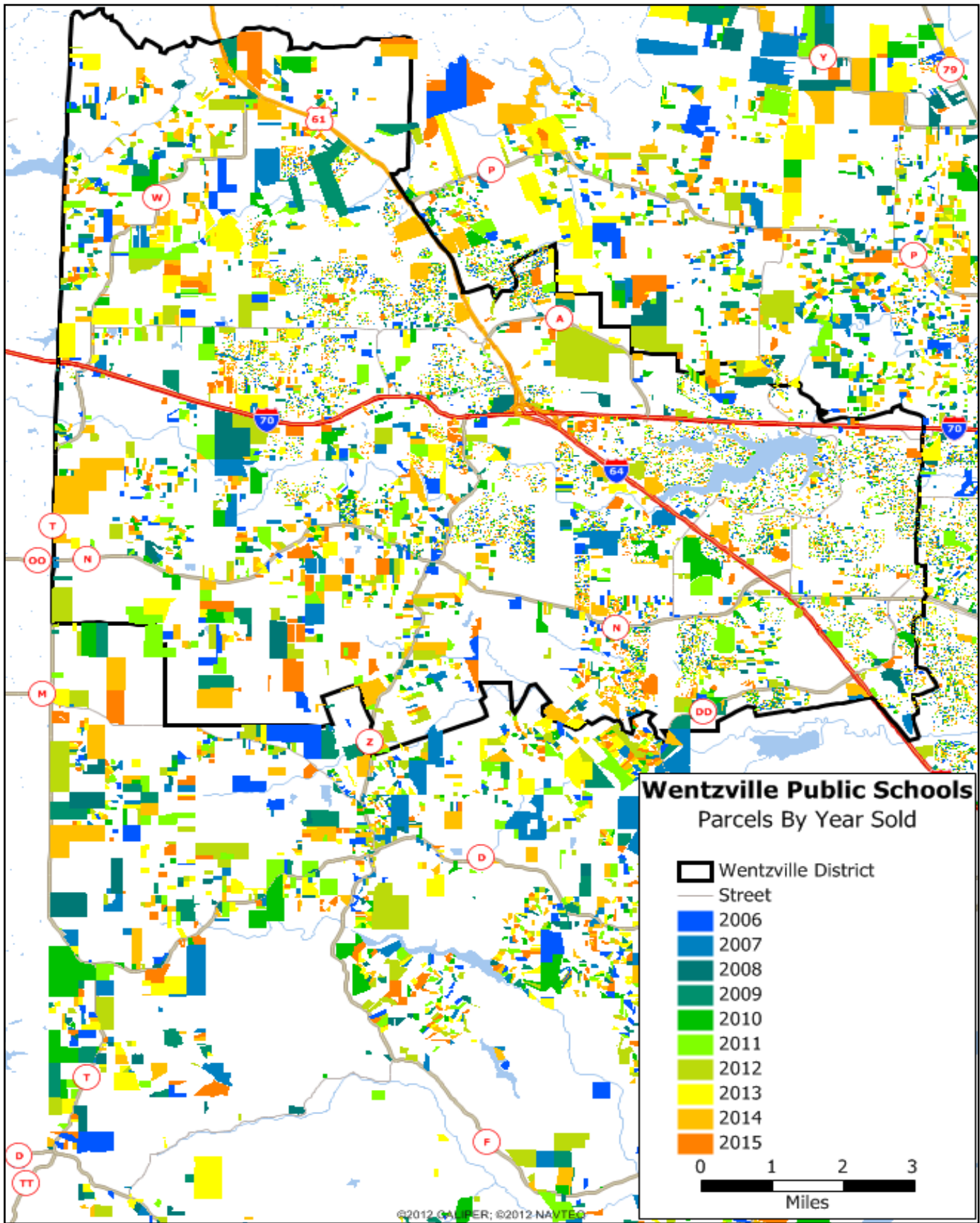


Figure 200. Year that residential properties were built in the eastern part of the Wentzville School District.



Wentzville R-IV School District

Figures 201. Year that residential properties were sold in the Wentzville School District. House sales have been strong in the district during the last five years.



Figures 202. Year that residential properties were sold in the southwestern part of the Wentzville School District.

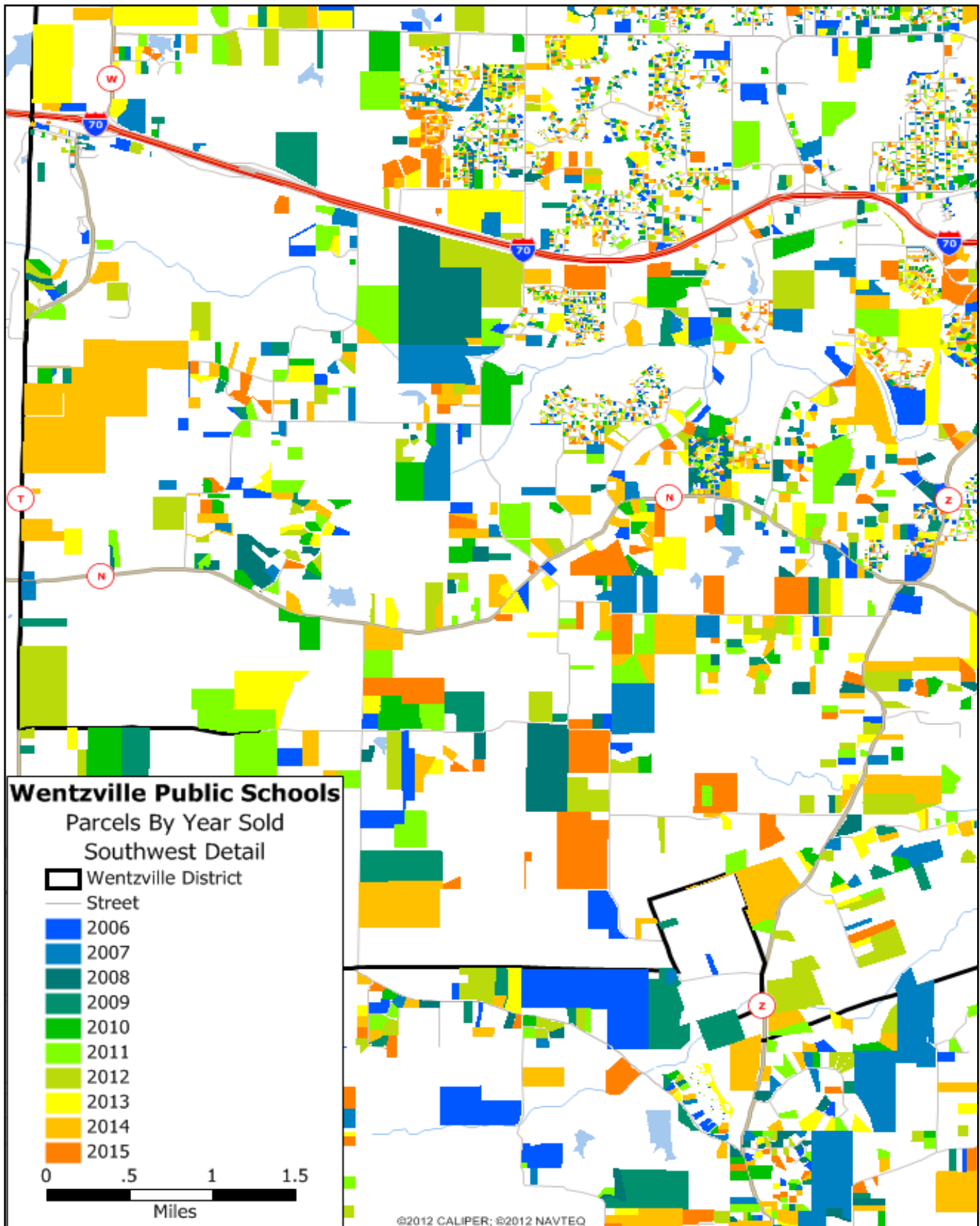


Figure 203. Year that residential properties were sold in the northwestern part of the Wentzville School District.

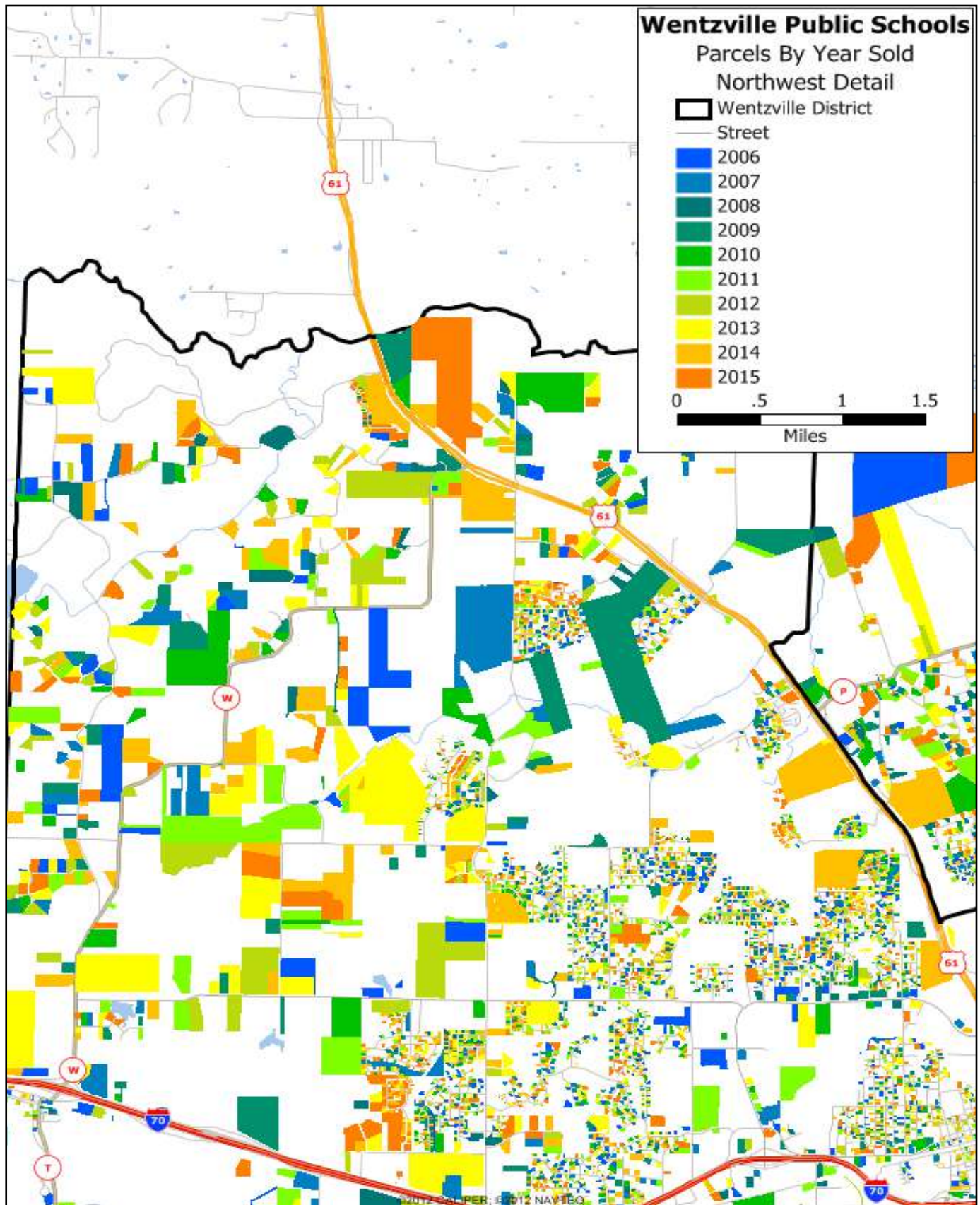


Figure 204. Year that residential properties were sold in the eastern part of the Wentzville School District.

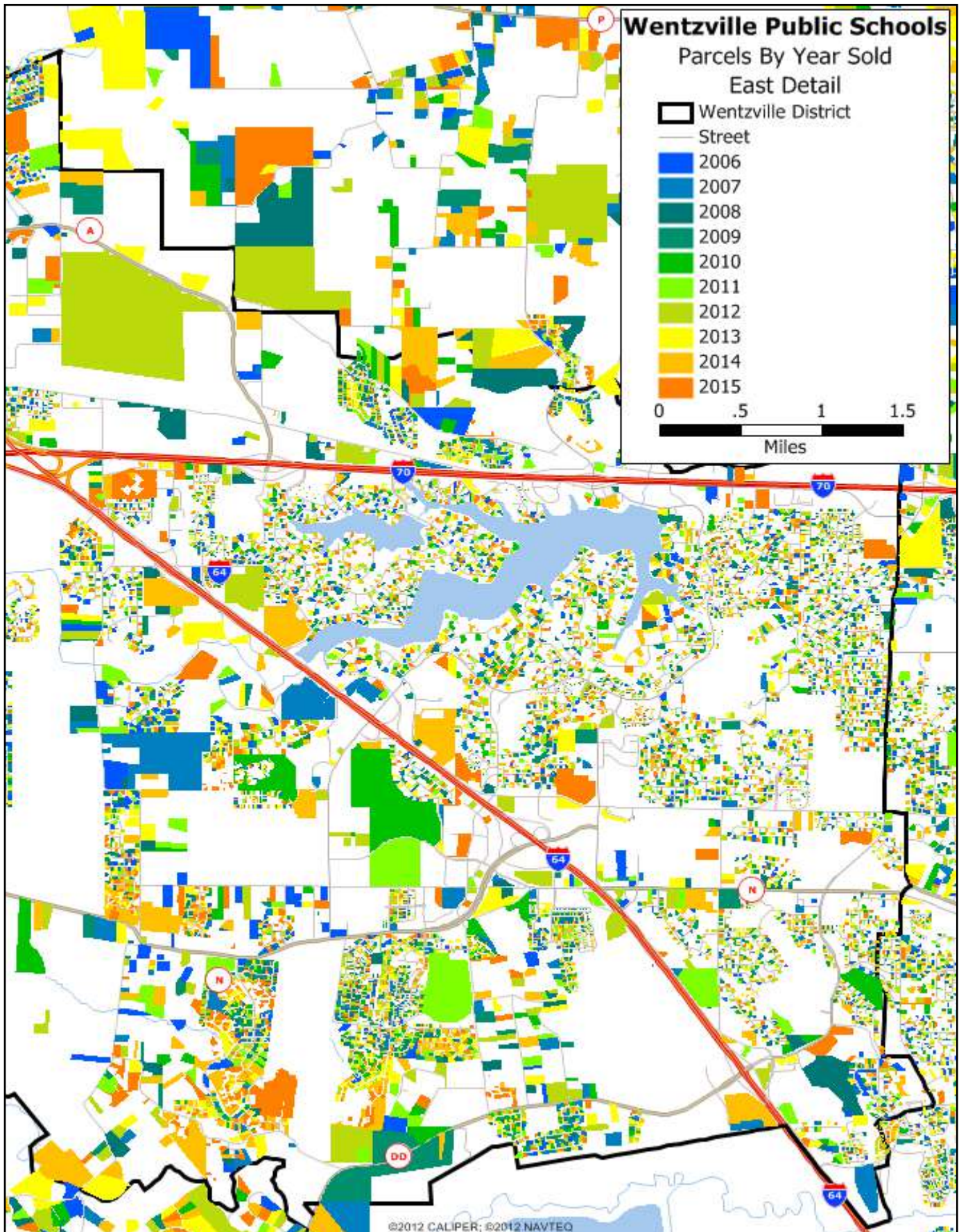


Figure 205. Estimated percent change in population in the Wentzville School District, 2016-2026.

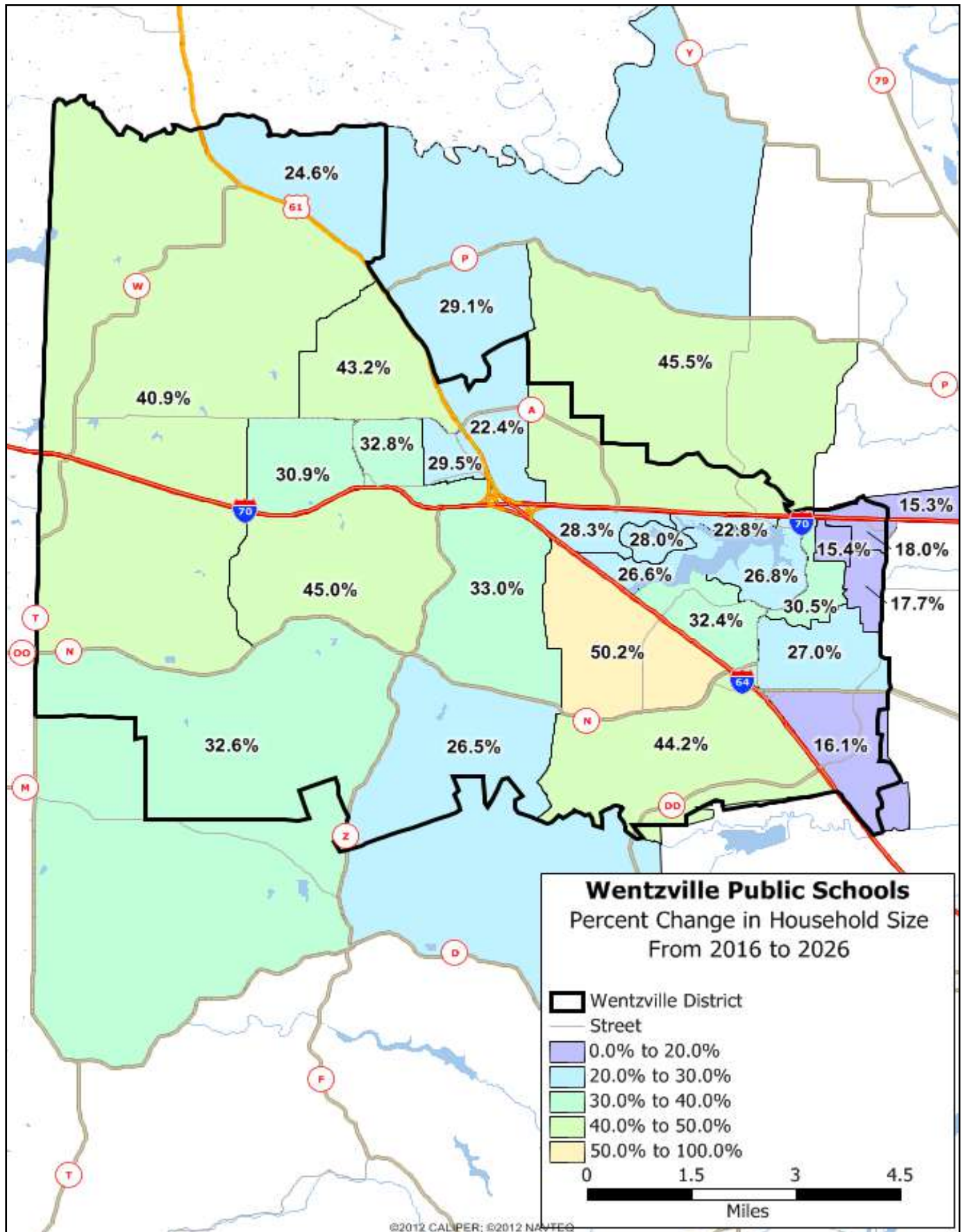


Figure 206. Estimated rate of change in population, 2016-2026.

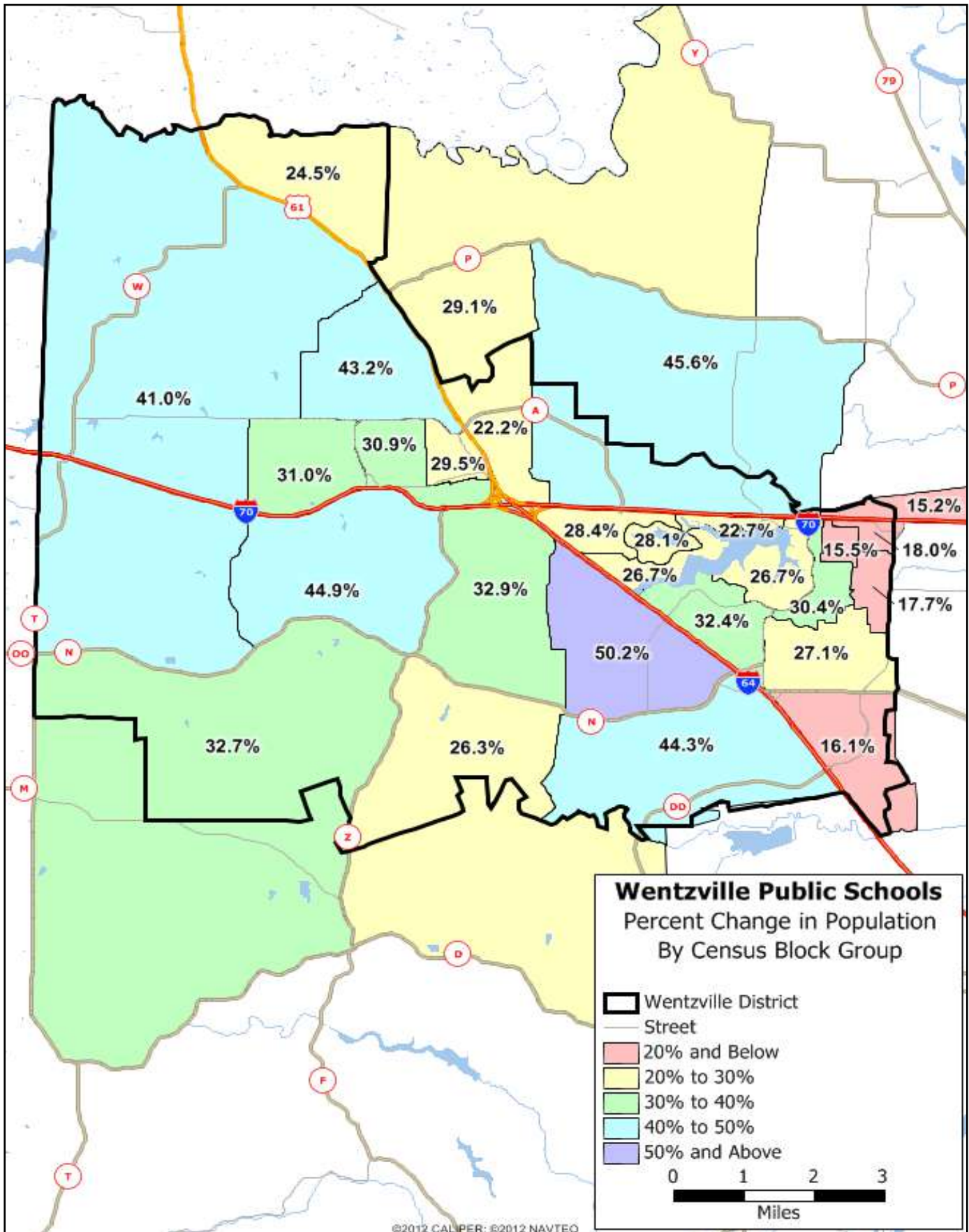


Figure 207. Census block groups, 2010.

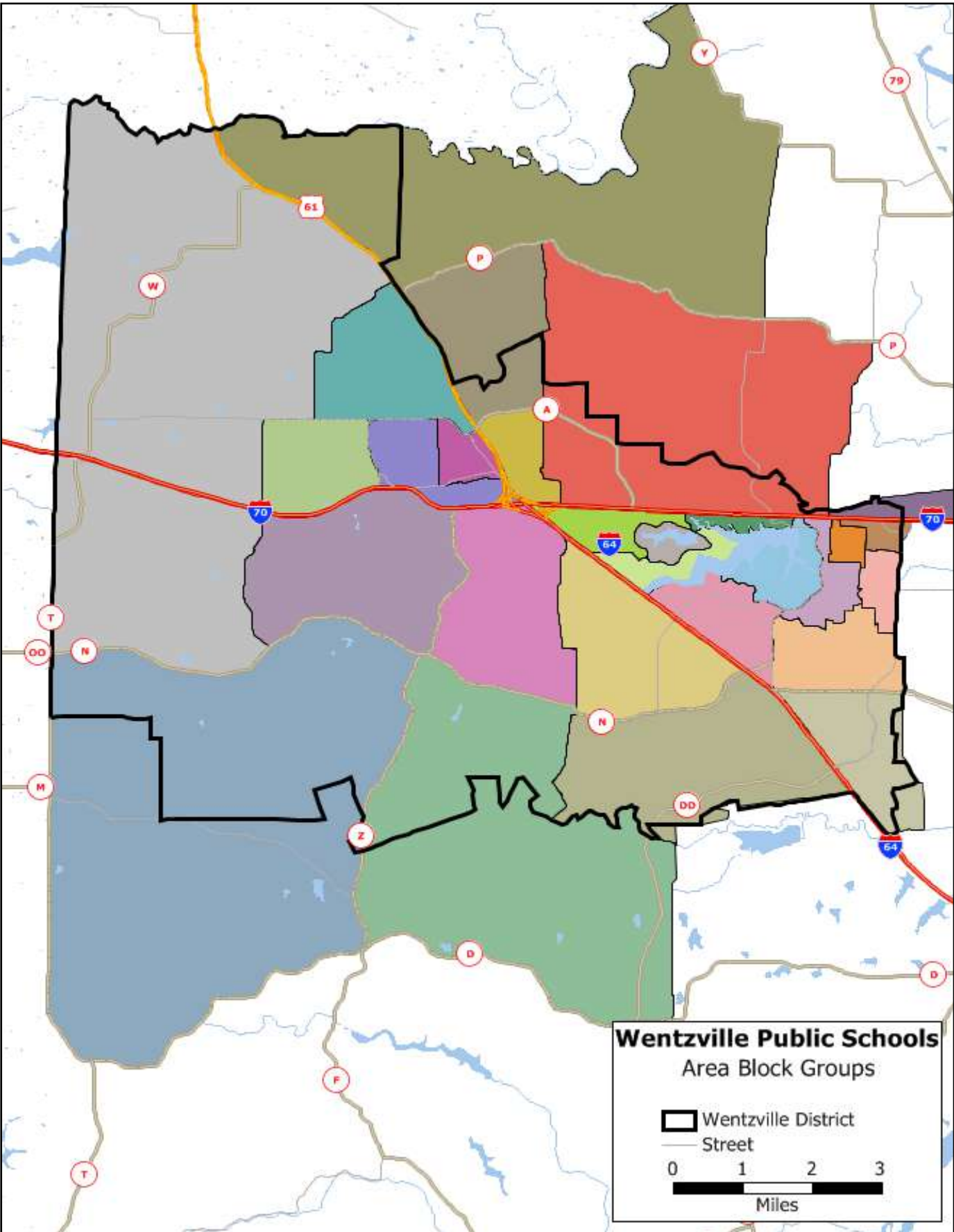
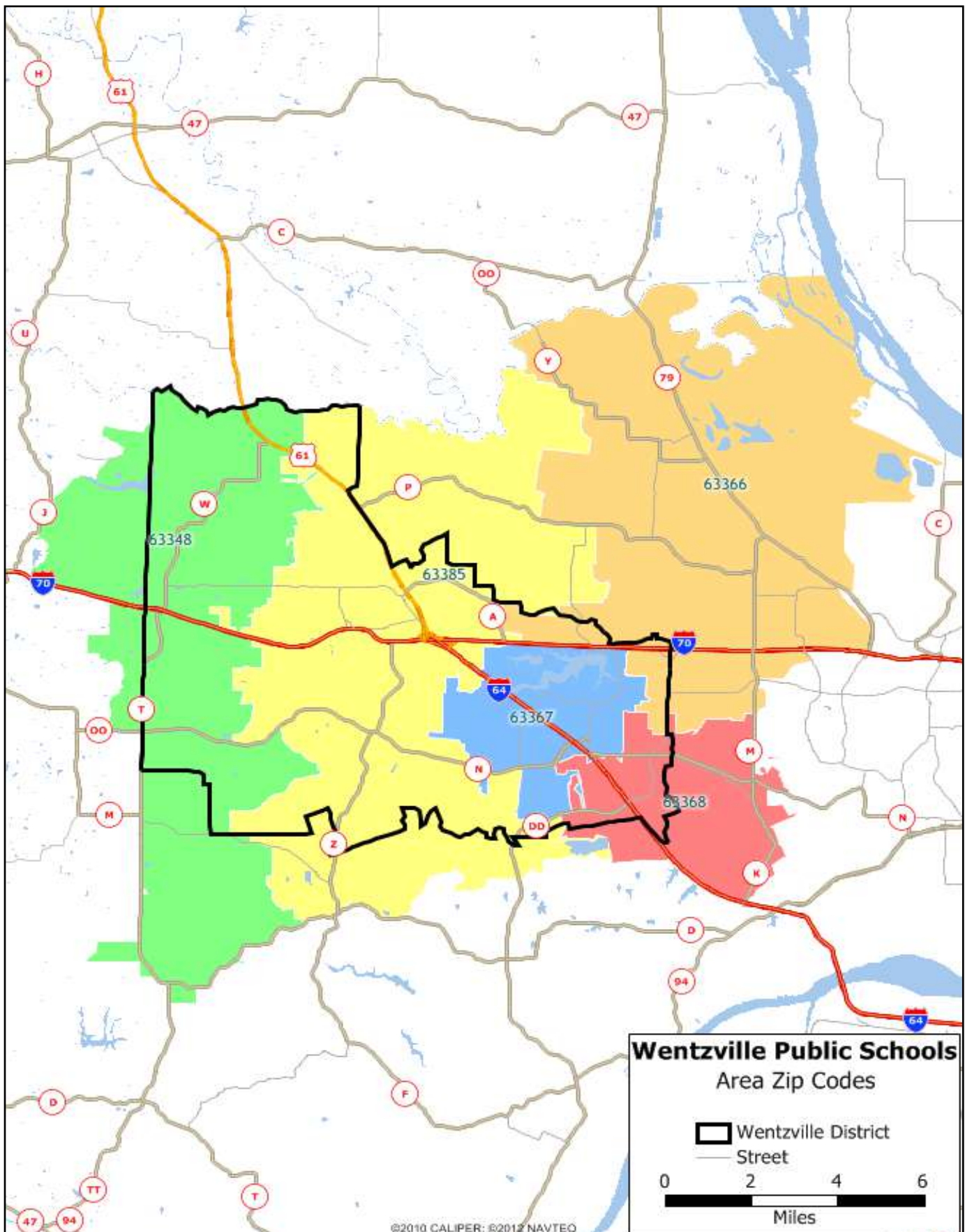


Figure 208. ZIP codes within the Wentzville School District, 2016.



Wentzville R-IV School District

Figure 209. Building snapshot from POPSTATs data vendor for Boone Trail Elementary, 2016.

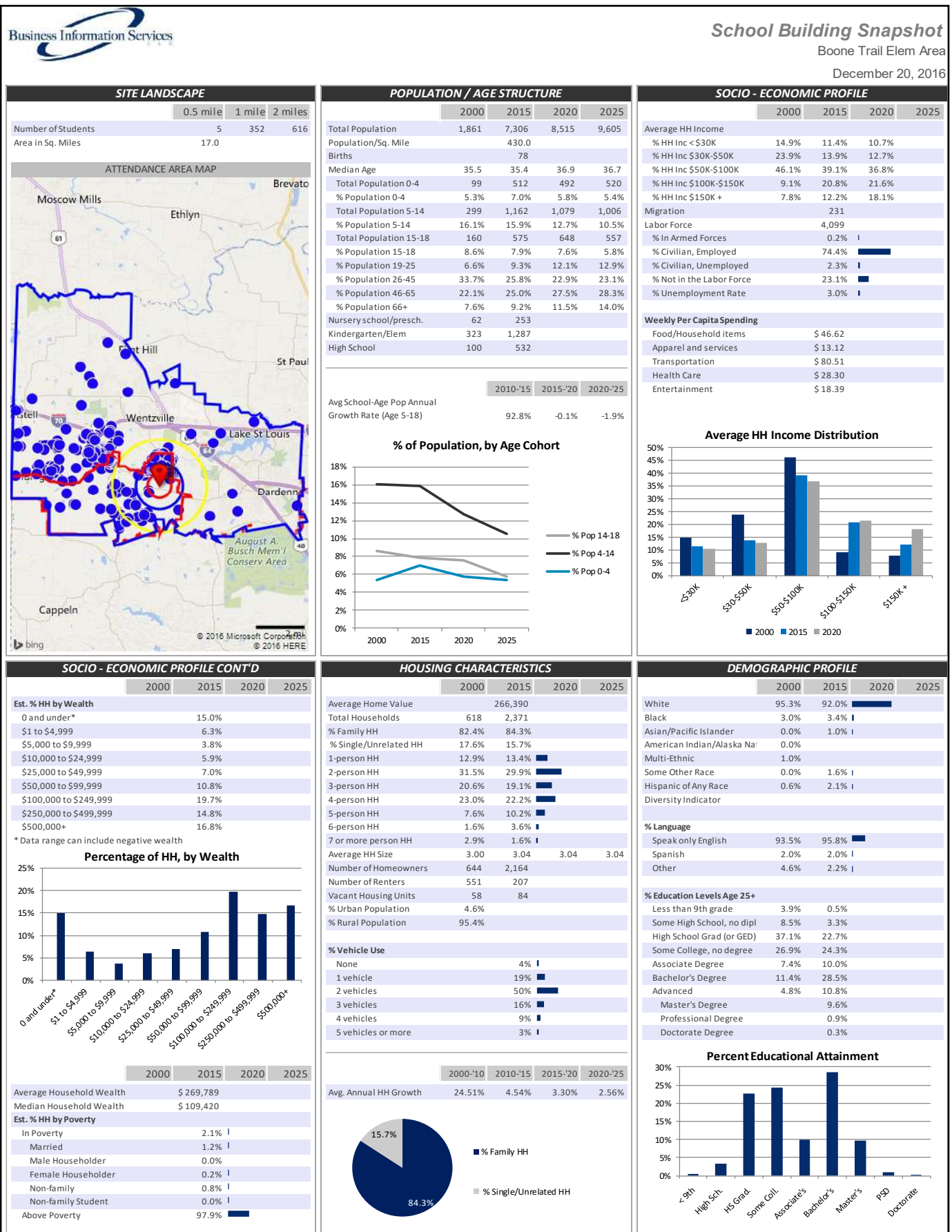
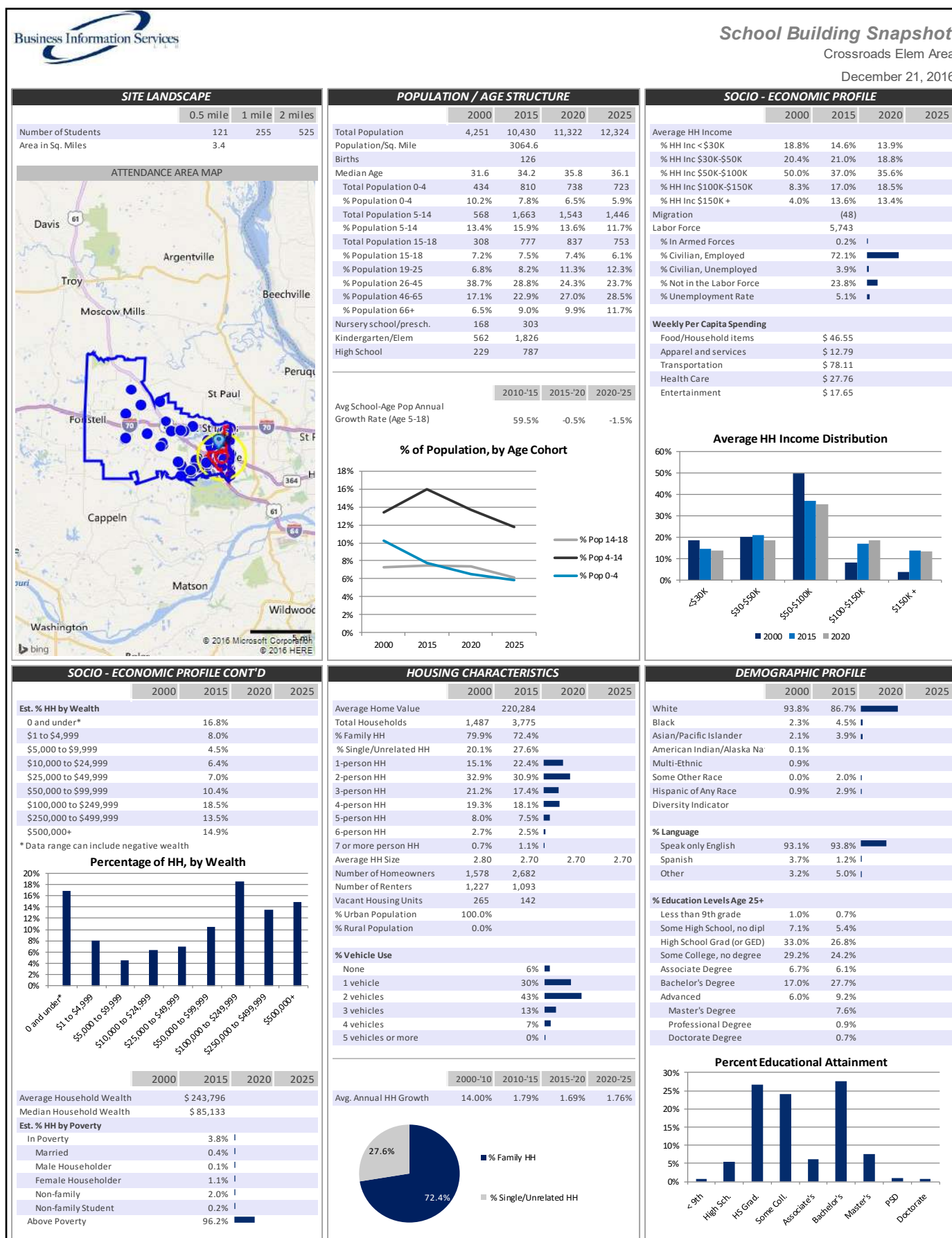


Figure 210. Building snapshot from POPSTATs data vendor for Crossroads Elementary, 2016.



Wentzville R-IV School District

Figure 211. Building snapshot from POPSTATs data vendor for Discovery Ridge Elementary, 2016.

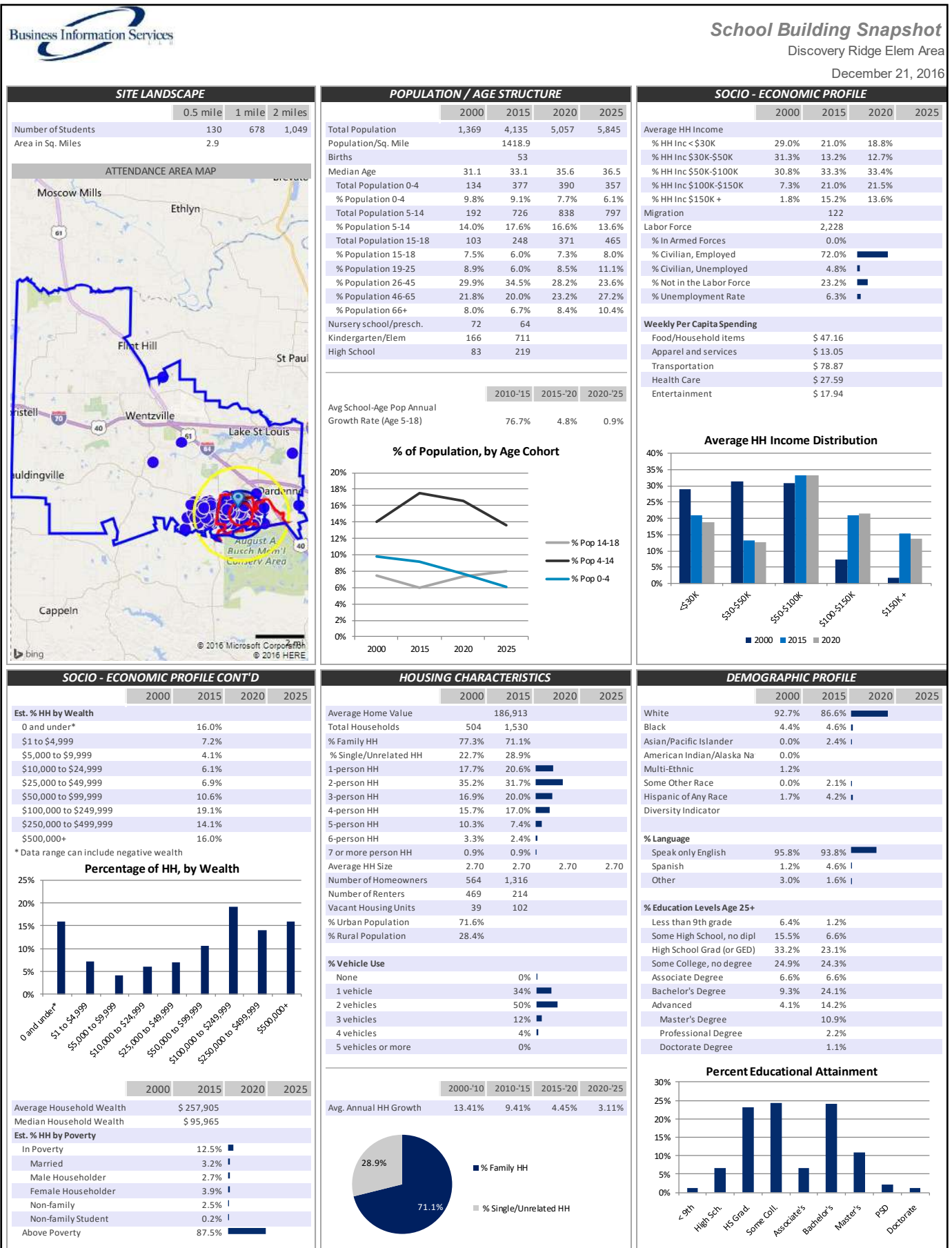
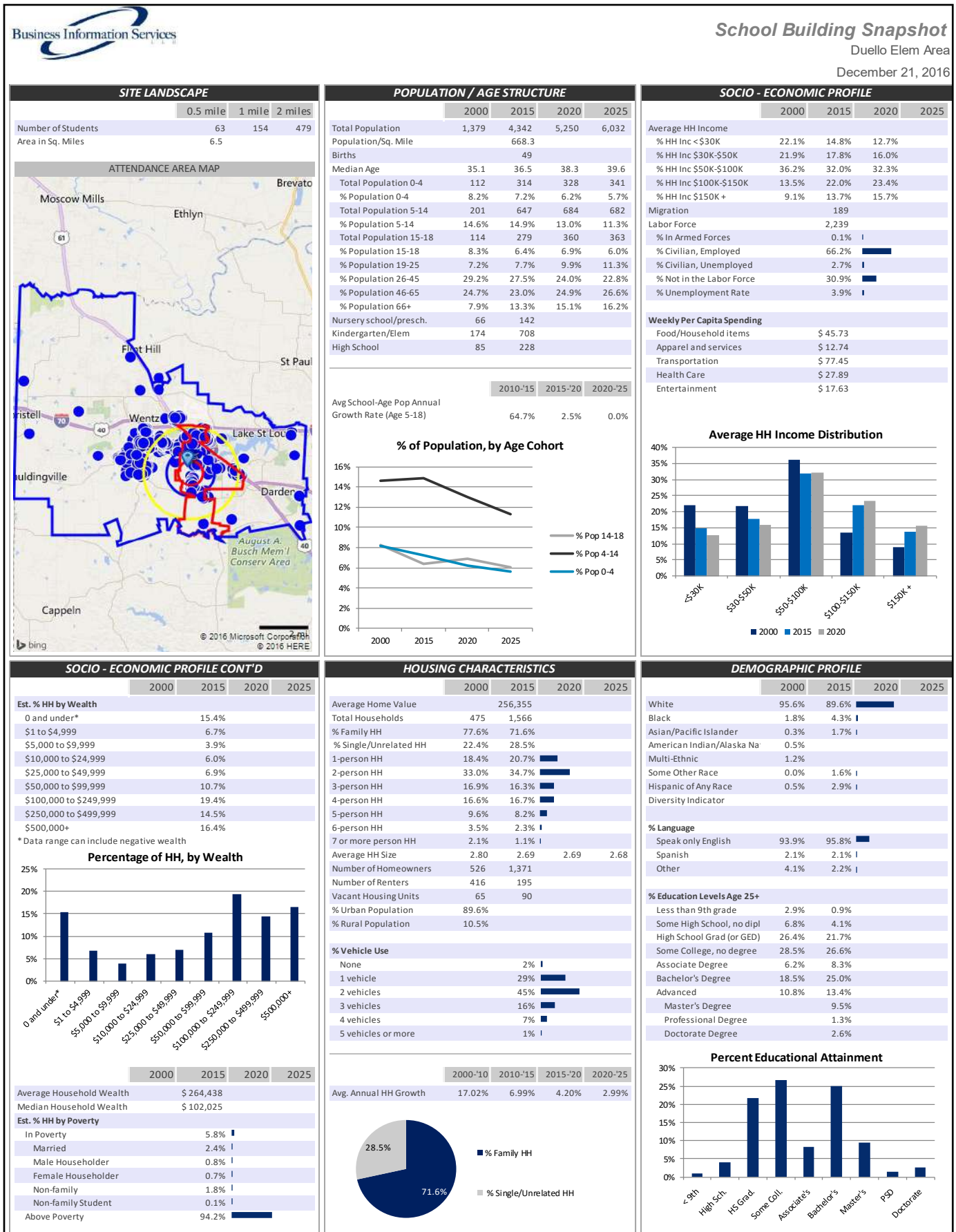


Figure 212. Building snapshot from POPSTATs data vendor for Duello Elementary, 2016.



Wentzville R-IV School District

Figure 213. Building snapshot from POPSTATs data vendor for Green Tree Elementary, 2016.

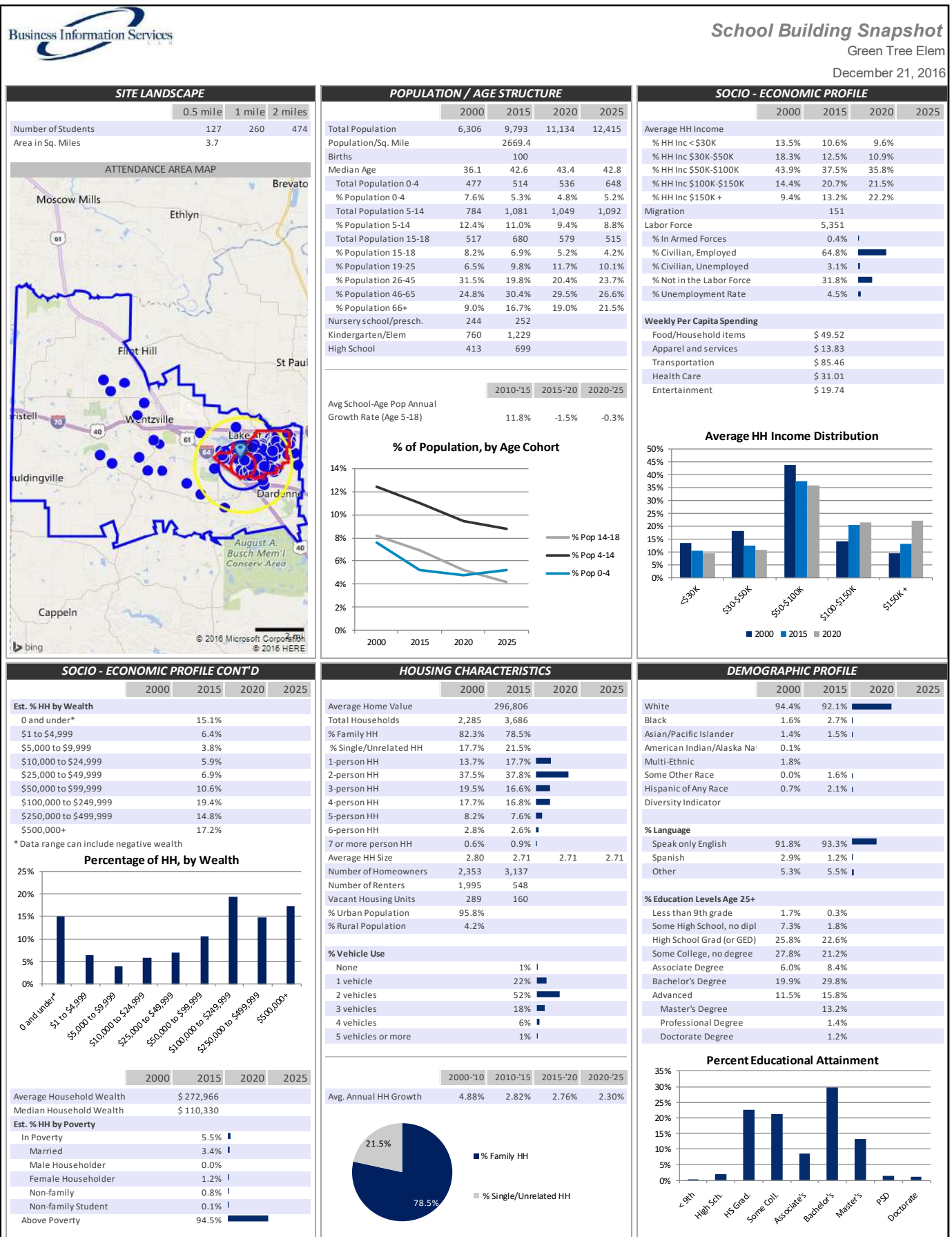
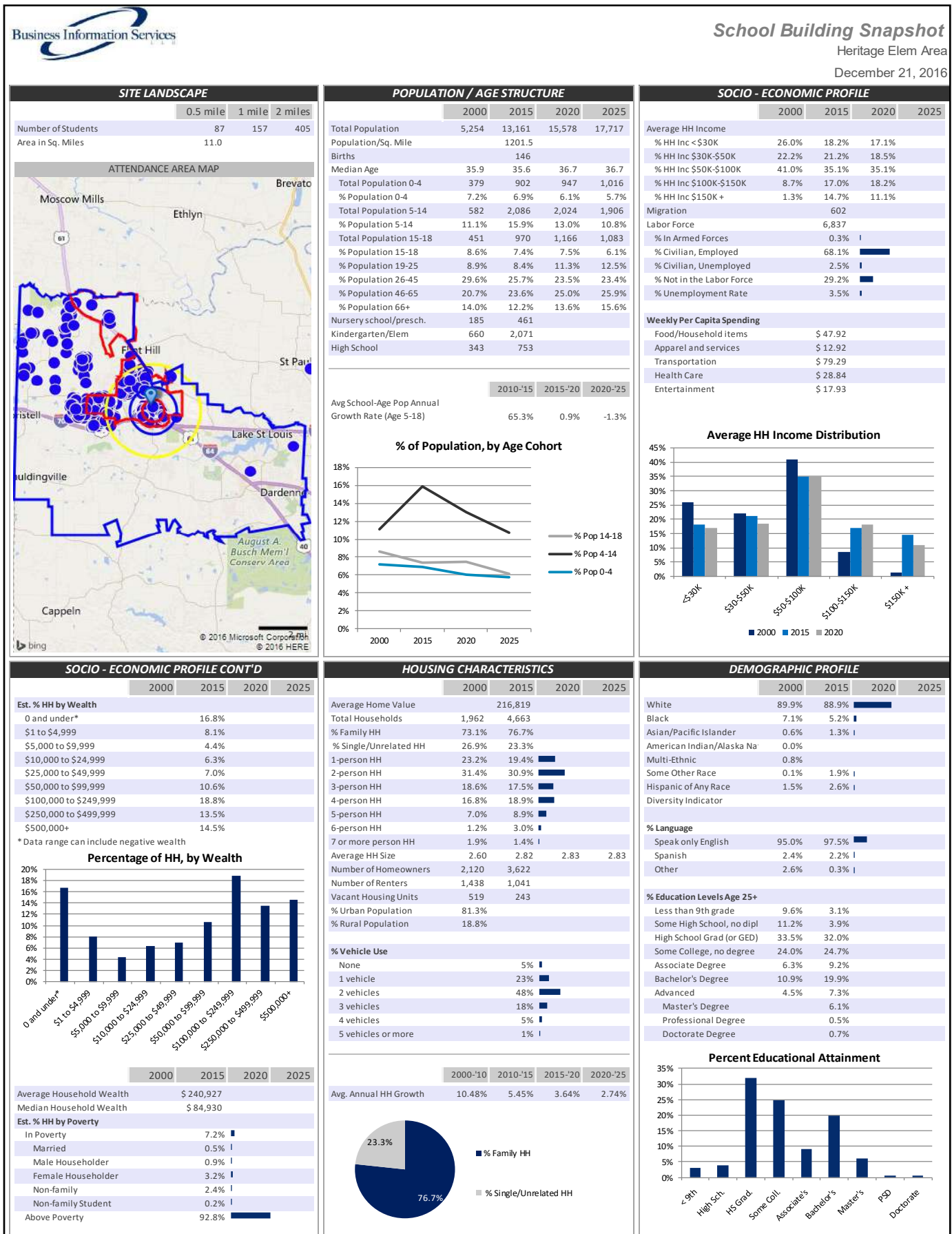


Figure 214. Building snapshot from POPSTATs data vendor for Heritage Elementary, 2016.



Wentzville R-IV School District

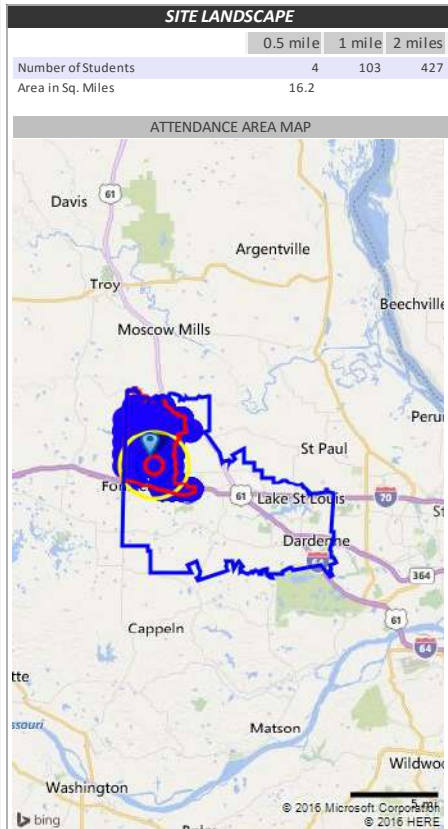
Figure 215. Building snapshot from POPSTATs data vendor for Golden Gate Elementary, 2016.



School Building Snapshot

Golden Gate Elem Area

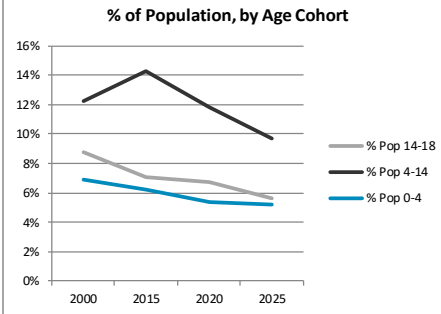
December 21, 2016



POPULATION / AGE STRUCTURE

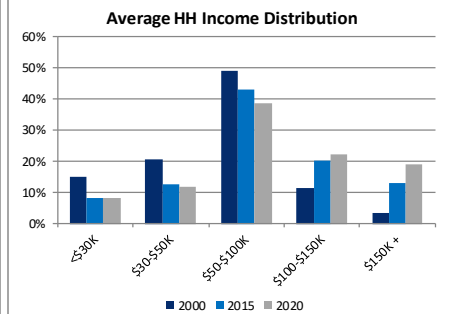
	2000	2015	2020	2025
Total Population	1,527	4,958	5,899	6,729
Population/Sq. Mile	307.1			
Births	51			
Median Age	37.1	38.1	39.7	39.9
Total Population 0-4	106	311	315	352
% Population 0-4	6.9%	6.3%	5.3%	5.2%
Total Population 5-14	186	709	697	654
% Population 5-14	12.2%	14.3%	11.8%	9.7%
Total Population 15-18	134	349	398	376
% Population 15-18	8.8%	7.0%	6.7%	5.6%
% Population 19-25	7.1%	9.2%	11.3%	11.7%
% Population 26-45	30.2%	23.6%	21.8%	22.7%
% Population 46-65	25.4%	27.1%	28.2%	27.5%
% Population 66+	9.4%	12.5%	14.8%	17.6%
Nursery school/presch.	46	108		
Kindergarten/Elem	193	721		
High School	116	385		

	2010-15	2015-20	2020-25
Avg School-Age Pop Annual Growth Rate (Age 5-18)	76.9%	0.7%	-1.2%



SOCIO - ECONOMIC PROFILE

	2000	2015	2020	2025
Average HH Income				
% HH Inc <\$30K	15.0%	8.1%	8.3%	
% HH Inc \$30K-\$50K	20.8%	12.8%	11.8%	
% HH Inc \$50K-\$100K	48.9%	43.2%	38.5%	
% HH Inc \$100K-\$150K	11.4%	20.0%	22.2%	
% HH Inc \$150K+	3.6%	13.2%	19.2%	
Migration	177			
Labor Force	2,735			
% In Armed Forces	0.0%			
% Civilian, Employed	70.5%			
% Civilian, Unemployed	2.1%			
% Not in the Labor Force	27.4%			
% Unemployment Rate	2.9%			
Weekly Per Capita Spending				
Food/Household items	\$ 47.40			
Apparel and services	\$ 13.31			
Transportation	\$ 82.72			
Health Care	\$ 29.37			
Entertainment	\$ 19.07			



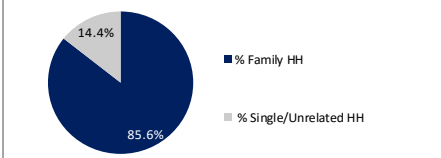
SOCIO - ECONOMIC PROFILE CONT'D

	2000	2015	2020	2025
Est. % HH by Wealth				
0 and under*	15.2%			
\$1 to \$4,999	6.5%			
\$5,000 to \$9,999	3.9%			
\$10,000 to \$24,999	6.0%			
\$25,000 to \$49,999	7.0%			
\$50,000 to \$99,999	10.8%			
\$100,000 to \$249,999	19.6%			
\$250,000 to \$499,999	14.7%			
\$500,000+	16.4%			
* Data range can include negative wealth				
Percentage of HH, by Wealth				
0 and under*	15.2%			
\$1 to \$4,999	6.5%			
\$5,000 to \$9,999	3.9%			
\$10,000 to \$24,999	6.0%			
\$25,000 to \$49,999	7.0%			
\$50,000 to \$99,999	10.8%			
\$100,000 to \$249,999	19.6%			
\$250,000 to \$499,999	14.7%			
\$500,000+	16.4%			
Average Household Wealth	\$ 265,741			
Median Household Wealth	\$ 105,450			
Est. % HH by Poverty				
In Poverty	3.2%			
Married	1.2%			
Male Householder	0.2%			
Female Householder	0.7%			
Non-family	1.1%			
Non-family Student	0.0%			
Above Poverty	96.8%			

HOUSING CHARACTERISTICS

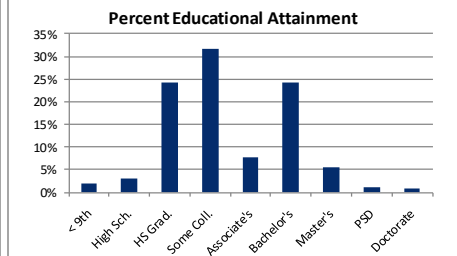
	2000	2015	2020	2025
Average Home Value	274,111			
Total Households	534	1,691		
% Family HH	82.6%	85.6%		
% Single/Unrelated HH	17.4%	14.4%		
1-person HH	13.8%	12.9%		
2-person HH	34.6%	34.9%		
3-person HH	18.0%	17.7%		
4-person HH	21.1%	21.7%		
5-person HH	8.7%	8.6%		
6-person HH	2.9%	3.0%		
7 or more person HH	1.0%	1.3%		
Average HH Size	2.90	2.93	2.93	2.93
Number of Homeowners	573	1,537		
Number of Renters	482	155		
Vacant Housing Units	49	91		
% Urban Population	39.9%			
% Rural Population	60.1%			
% Vehicle Use				
None		2%		
1 vehicle		15%		
2 vehicles		49%		
3 vehicles		23%		
4 vehicles		8%		
5 vehicles or more		3%		

	2000-10	2010-15	2015-20	2020-25
Avg. Annual HH Growth	17.50%	5.22%	3.79%	2.82%



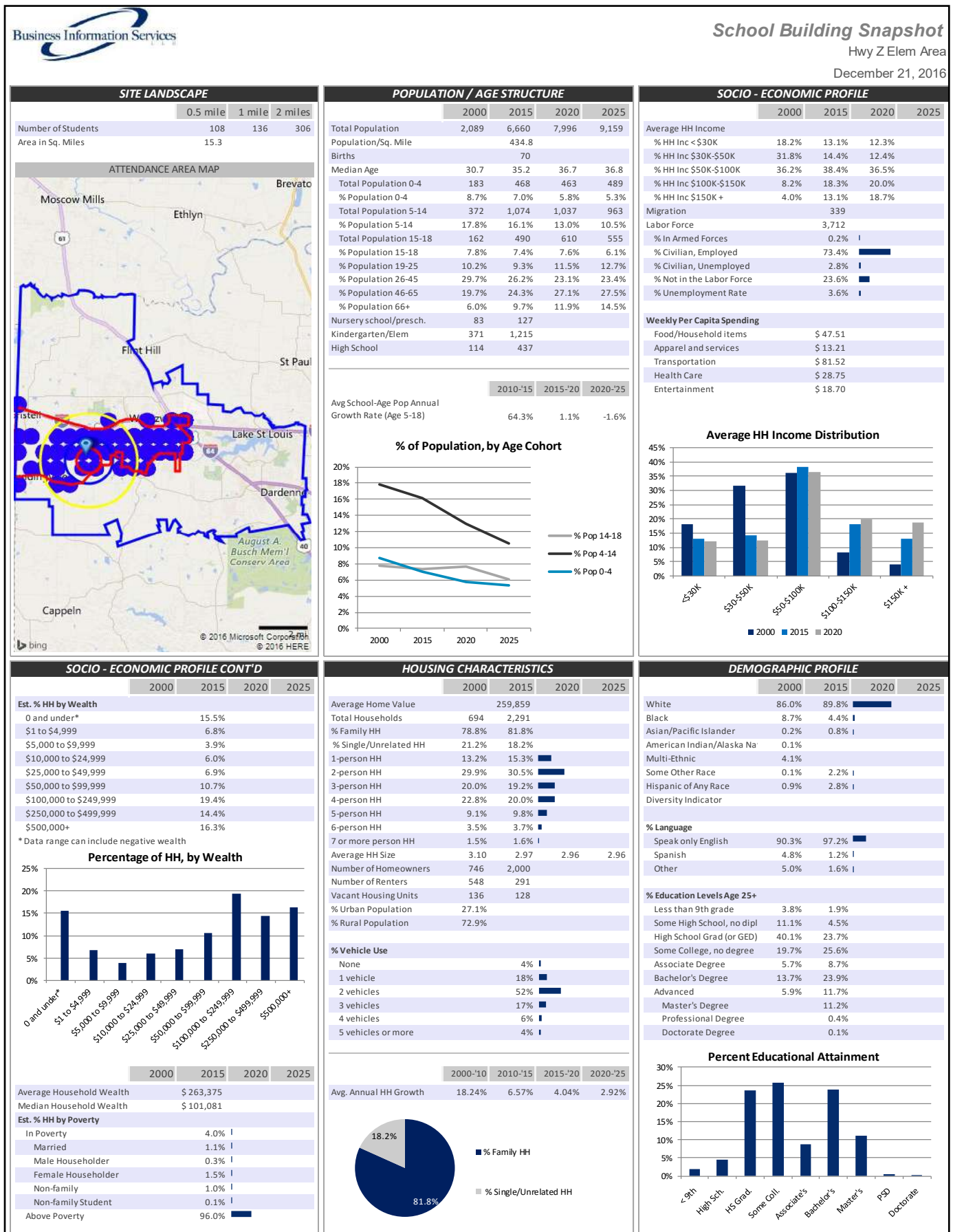
DEMOGRAPHIC PROFILE

	2000	2015	2020	2025
White	93.2%	92.5%		
Black	2.3%	2.7%		
Asian/Pacific Islander	0.6%	1.1%		
American Indian/Alaska Na	0.0%			
Multi-Ethnic	0.9%			
Some Other Race	0.4%	1.5%		
Hispanic of Any Race	2.6%	2.2%		
Diversity Indicator				
% Language				
Speak only English	93.8%	97.5%		
Spanish	2.6%	1.6%		
Other	3.6%	0.9%		
% Education Levels Age 25+				
Less than 9th grade	5.0%	1.8%		
Some High School, no dipl	10.3%	3.0%		
High School Grad (or GED)	35.6%	24.2%		
Some College, no degree	21.8%	31.6%		
Associate Degree	6.6%	7.7%		
Bachelor's Degree	15.1%	24.2%		
Advanced	5.6%	7.5%		
Master's Degree		5.6%		
Professional Degree		1.0%		
Doctorate Degree		0.9%		



2016-17 Enrollment and Demographics Study

Figure 216. Building snapshot from POPSTATs data vendor for Hwy Z Elementary, 2016.



Wentzville R-IV School District

Figure 217. Building snapshot from POPSTATs data vendor for Lakeview Elementary, 2016.

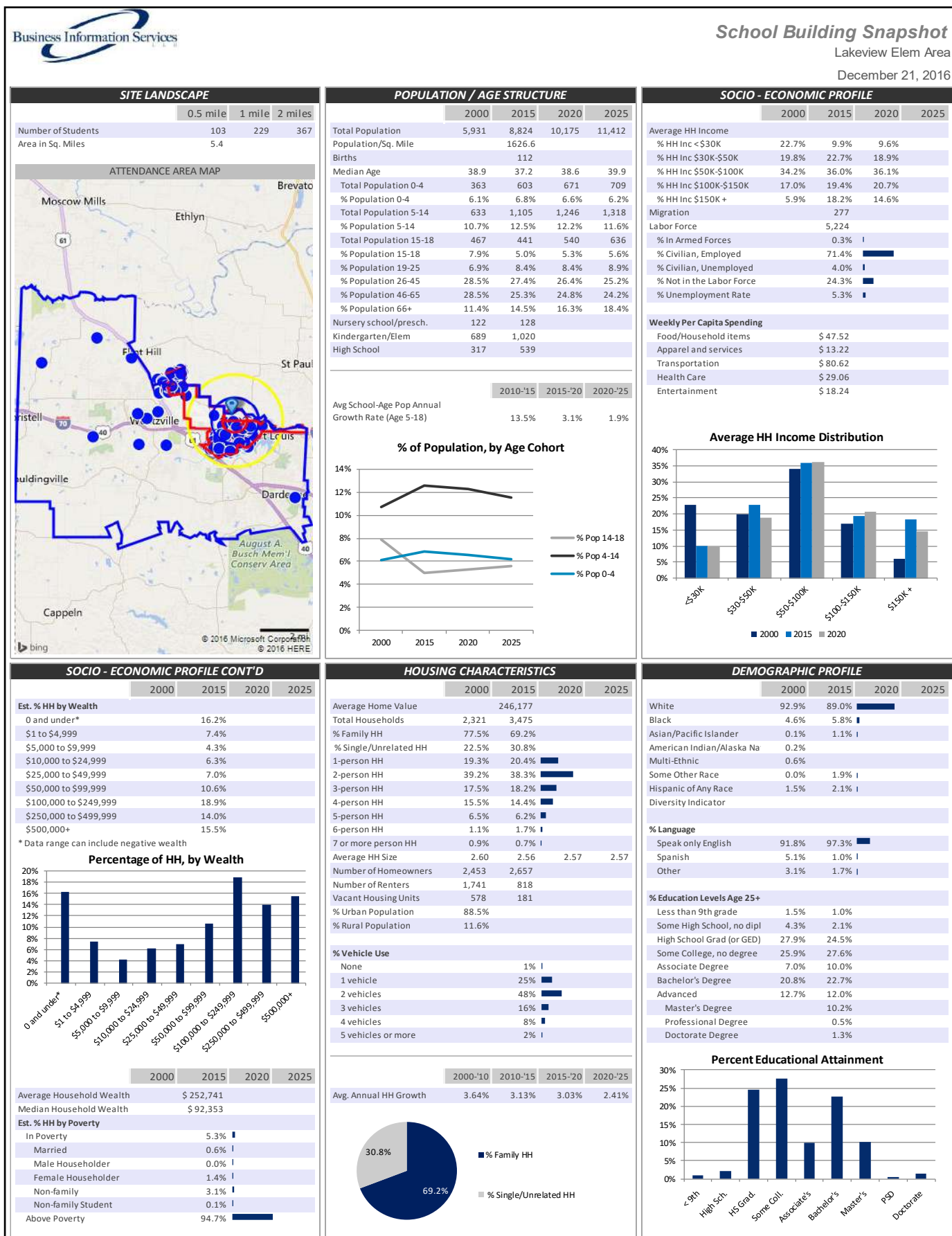
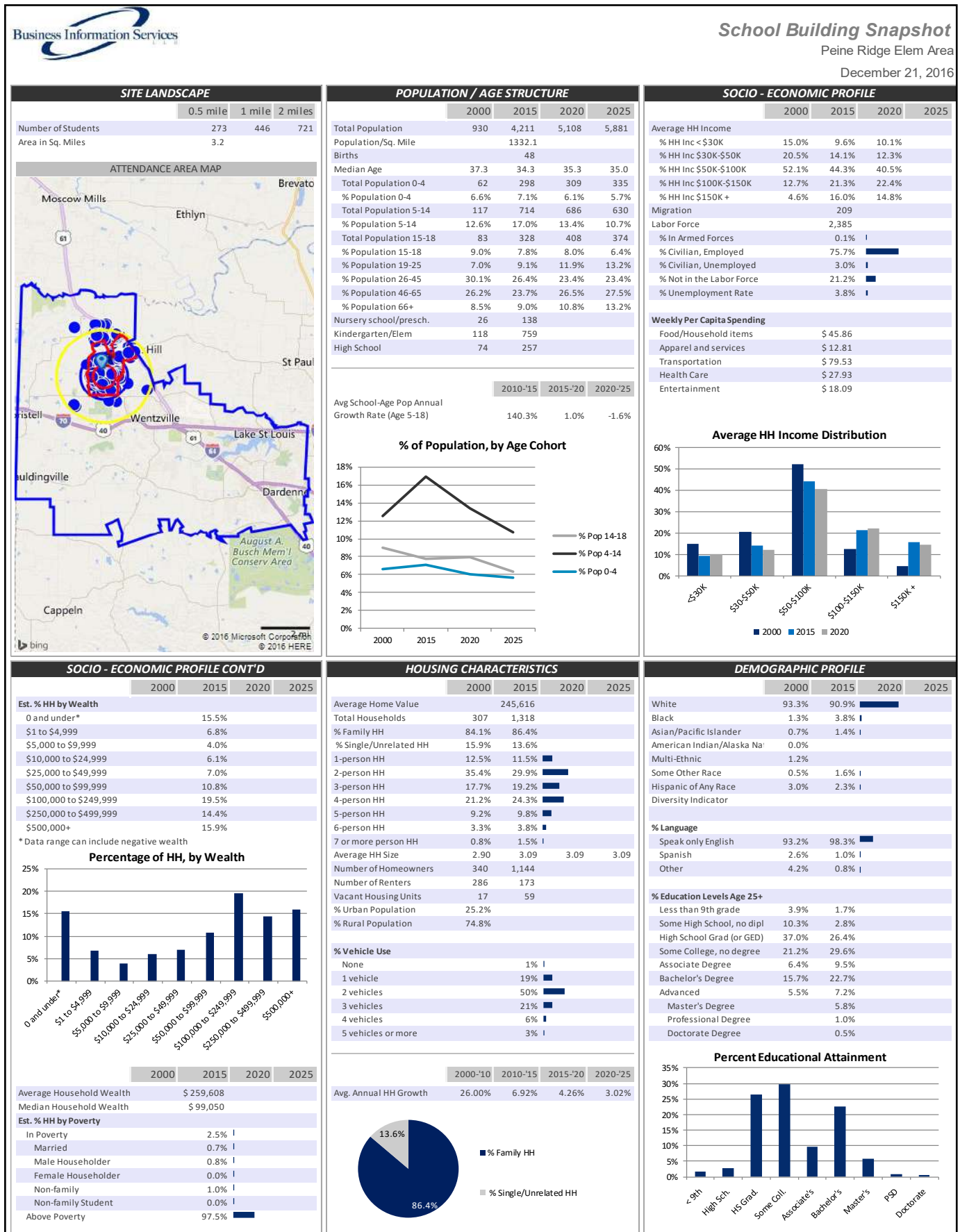
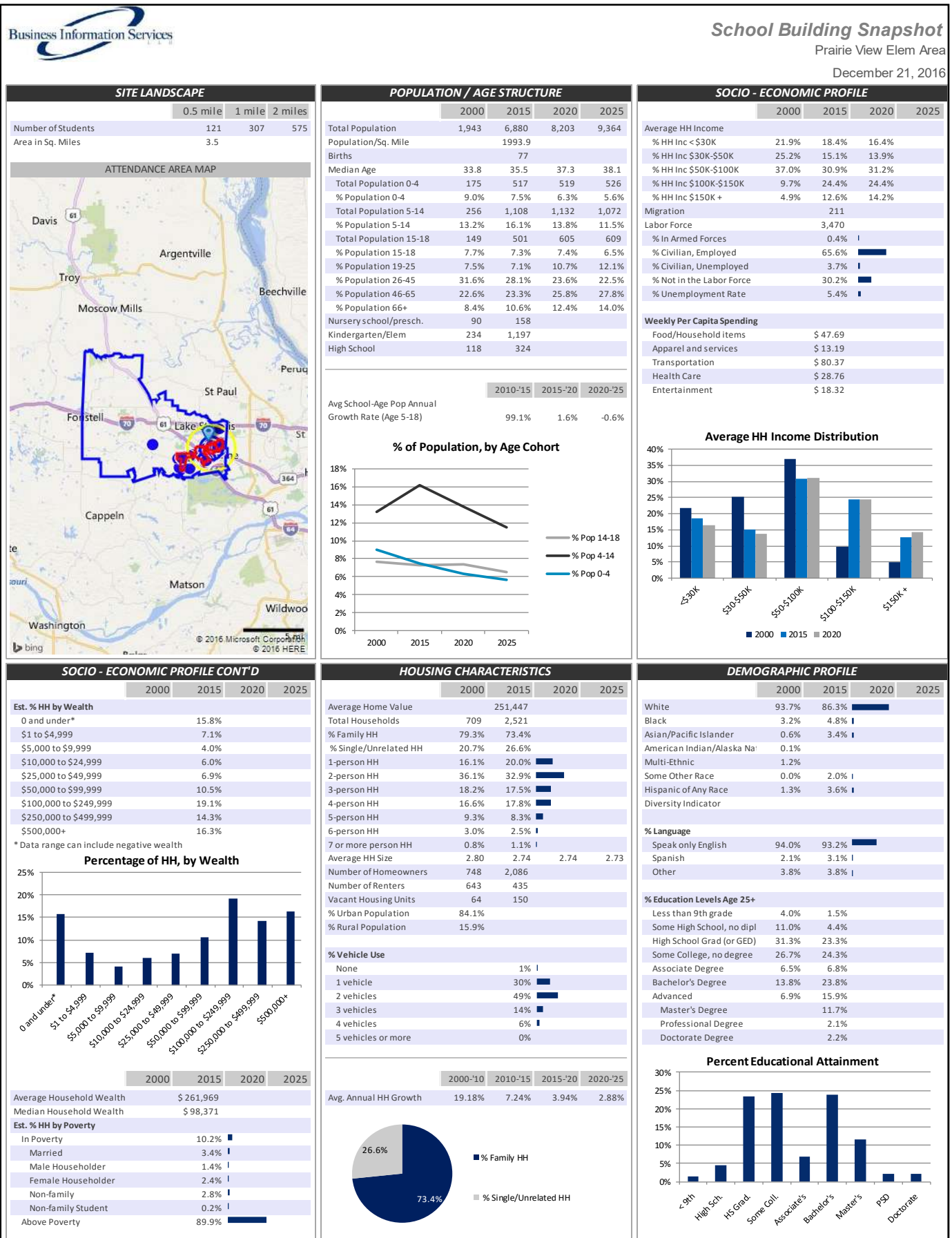


Figure 218. Building snapshot from POPSTATs data vendor for Peine Ridge Elementary, 2016.



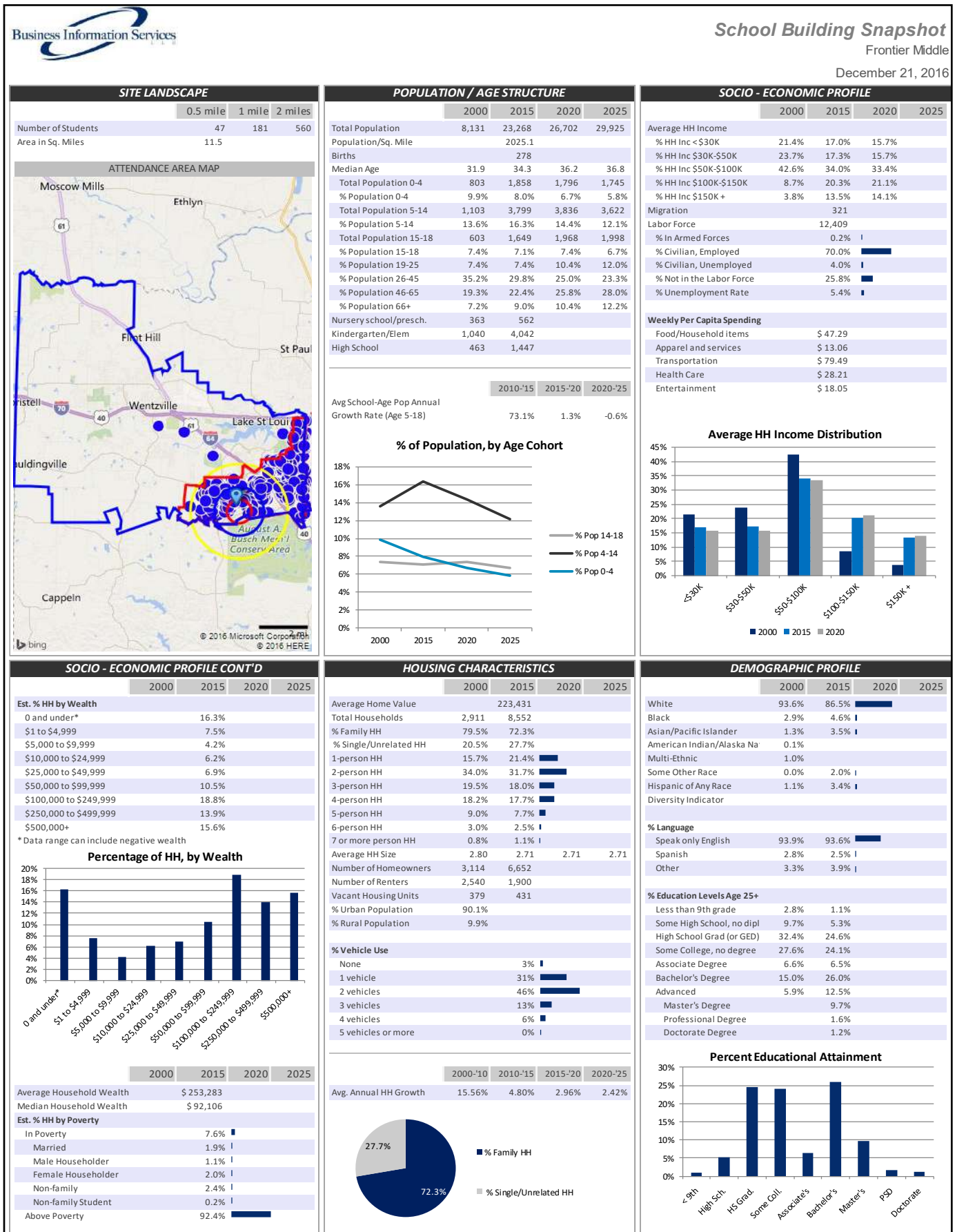
Wentzville R-IV School District

Figure 219. Building snapshot from POPSTATs data vendor for Prairie View Elementary, 2016.



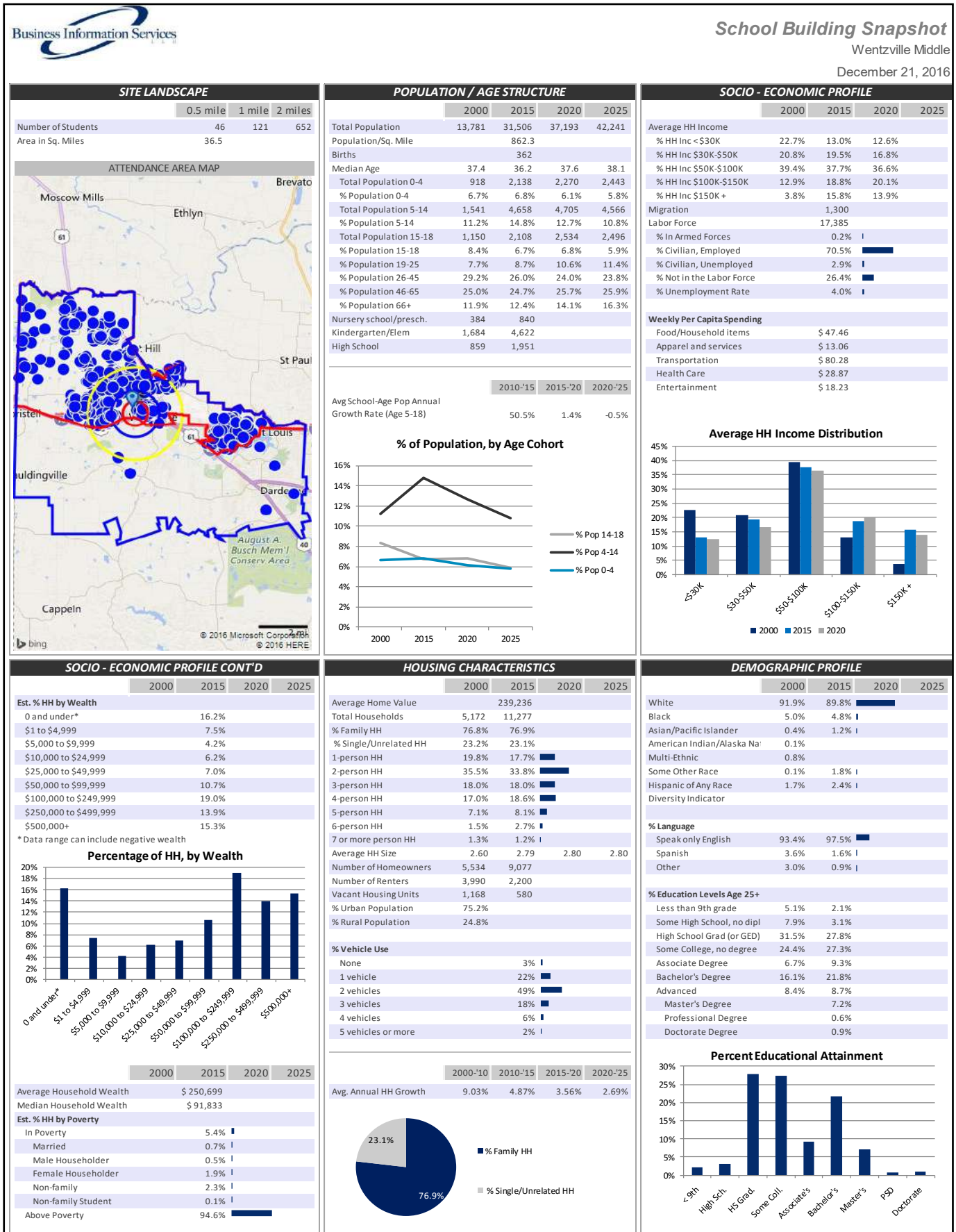
2016-17 Enrollment and Demographics Study

Figure 220. Building snapshot from POPSTATs data vendor for Frontier Middle School, 2016.



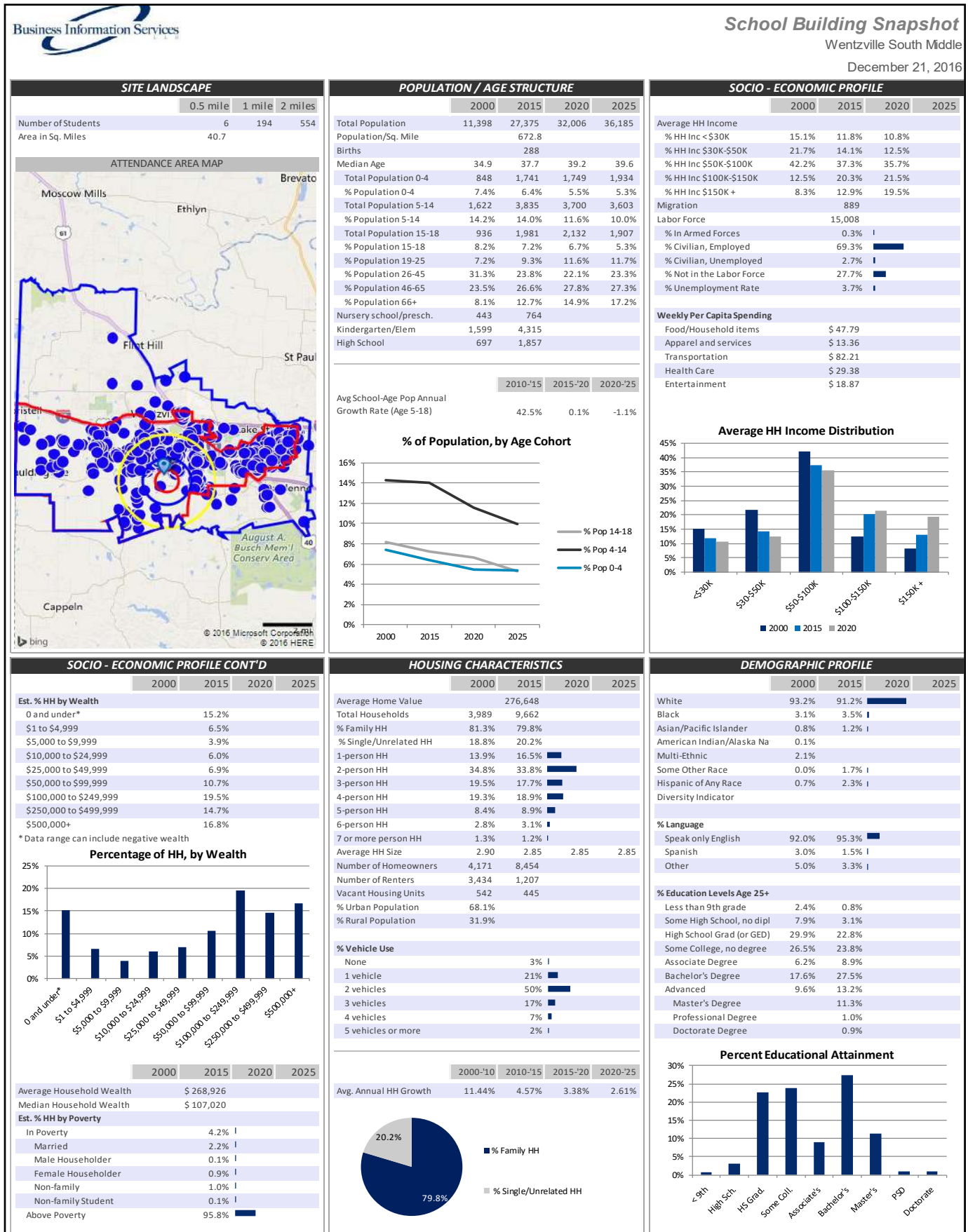
Wentzville R-IV School District

Figure 221. Building snapshot from POPSTATs data vendor for Wentzville Middle School, 2016.



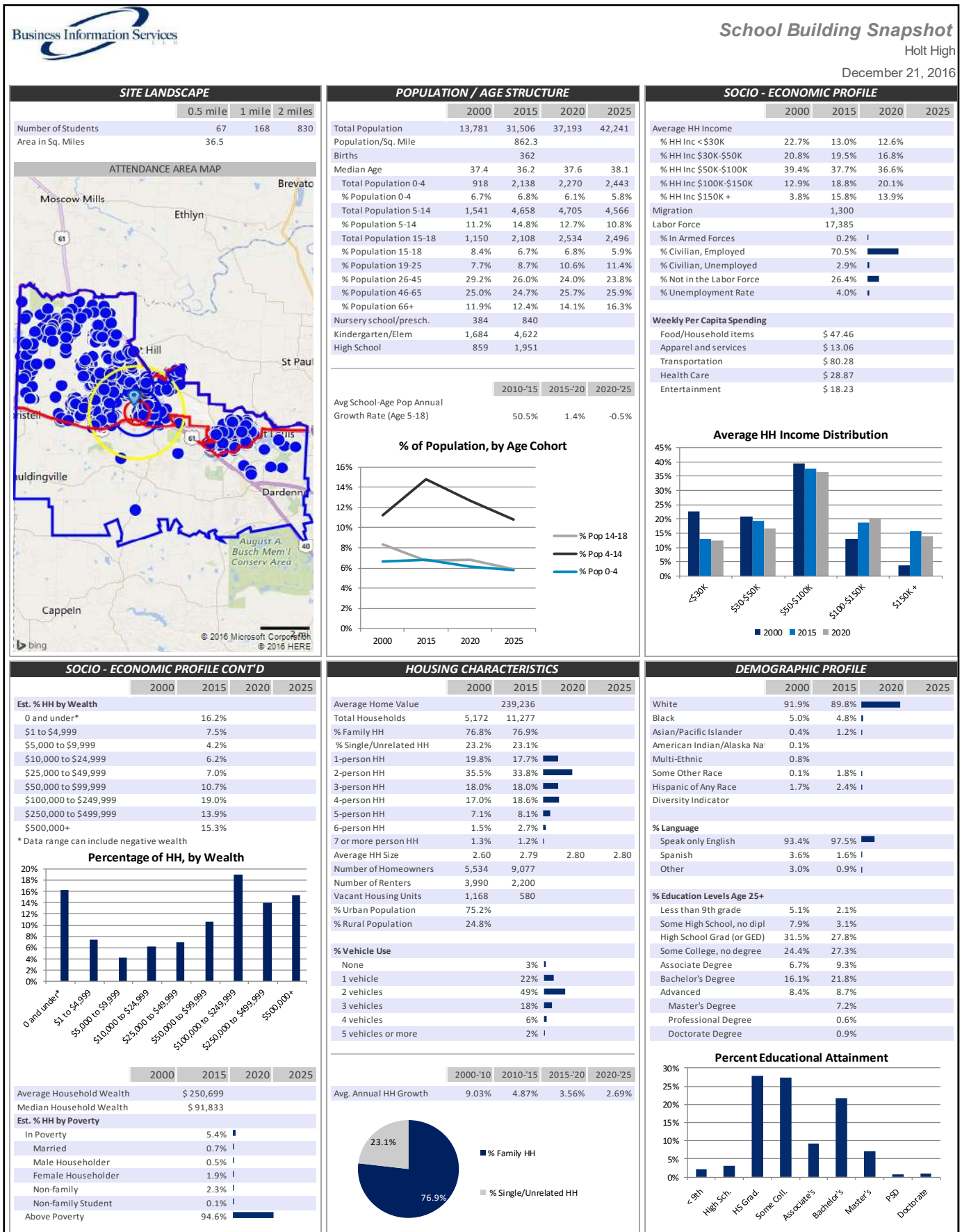
2016-17 Enrollment and Demographics Study

Figure 222. Building snapshot from POPSTATs data vendor for Wentzville South Middle School, 2016.



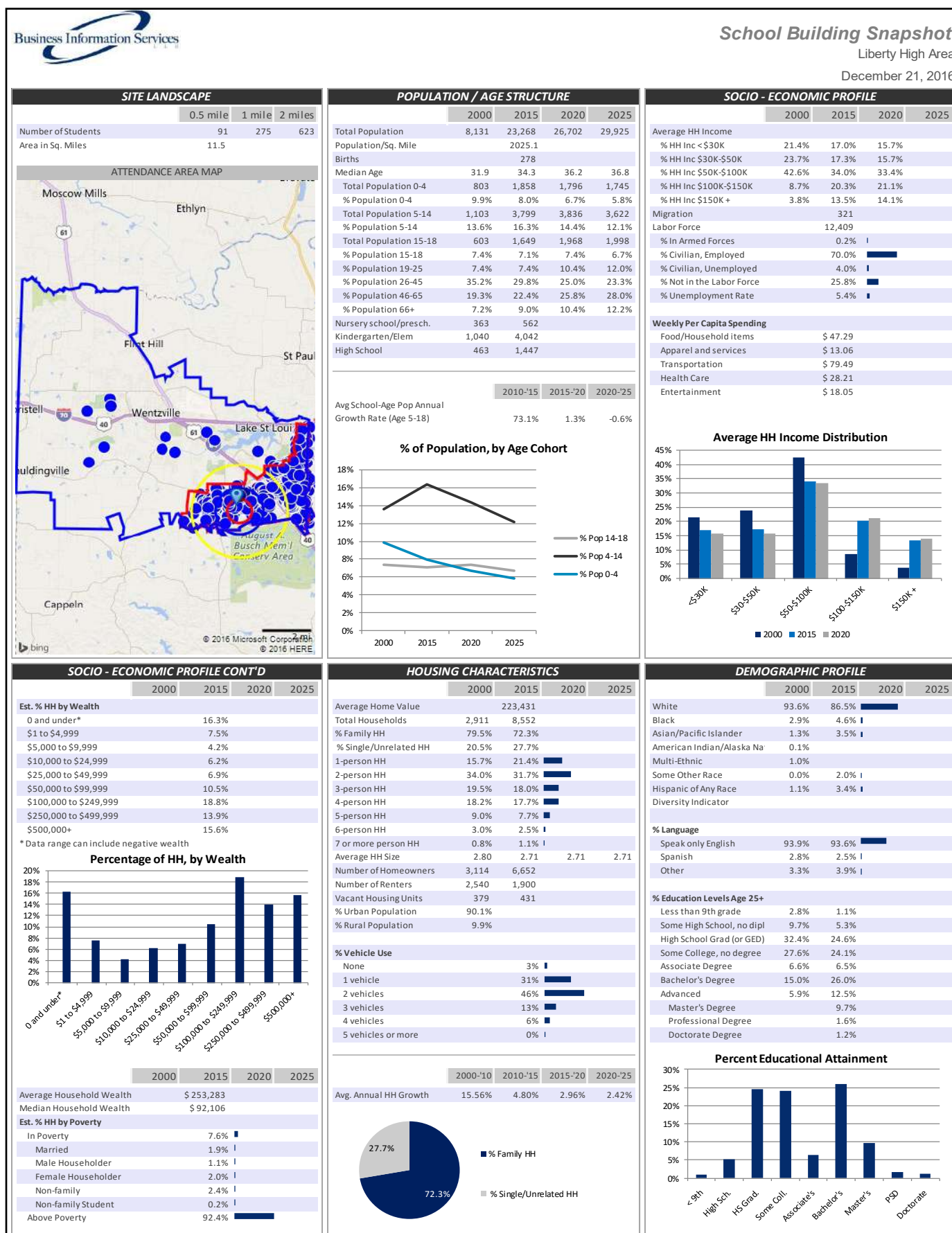
Wentzville R-IV School District

Figure 223. Building snapshot from POPSTATs data vendor for Holt High School, 2016.



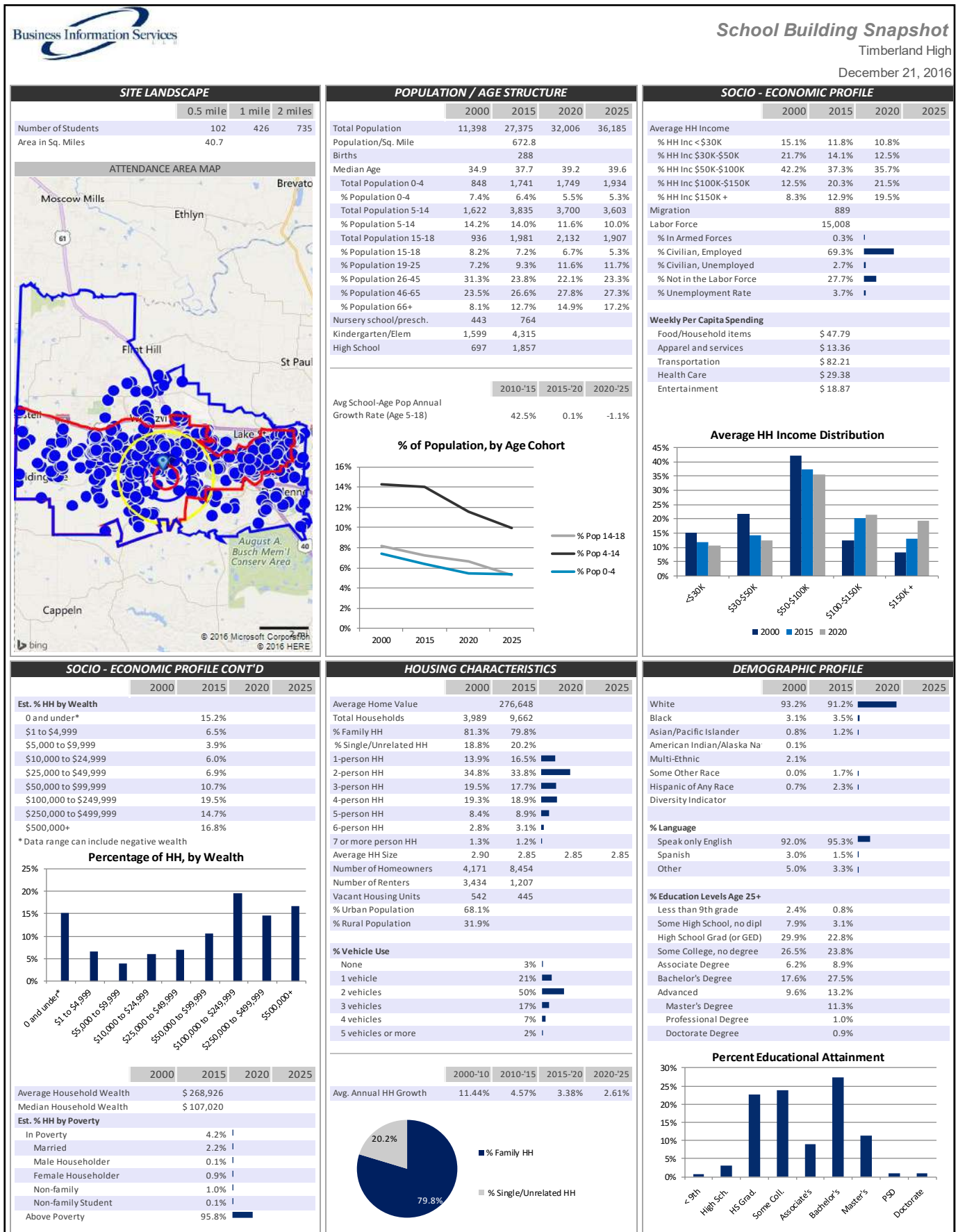
2016-17 Enrollment and Demographics Study

Figure 224. Building snapshot from POPSTATs data vendor for Liberty High School, 2016.



Wentzville R-IV School District

Figure 225. Building snapshot from POPSTATs data vendor for Timberland High School, 2016.



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Our Core Values

Integrity—We tell the truth even when it isn't popular. Our word is our bond and we will do what we say.

Hard Work—It is an honor to serve your school district. We will work hard to earn and keep your trust.

Quality—Our demographic studies have more data, more information and more analysis than is produced by any other firm in the country.

Innovation—We are always trying to find new ways to gather and present better information.

Accountability—We realize that school district administrators rely on our data for staff hiring, building construction and long-range planning. If we are wrong, the decisions made can cost taxpayers millions of dollars. So we take our responsibility for providing the most accurate enrollment information possible very seriously.



Business Information Services, LLC is a Missouri-registered Limited Liability Corporation, owned by Preston Smith of Blue Springs, Missouri.

Smith has an undergraduate journalism degree from the University of Missouri and a Master's in Public Administration from the University of Missouri-Kansas City, with a specialization in statistics and quantitative analysis. Certified GIS staff analyst Sarah Rose has a geography undergraduate degree, and has provided the maps and the geospatial analysis for this study.

Special thanks for FinCo GeoDemographics, LLC principals Dr. Jonathan C. Comer and G. Allen Finchum, who are also geography professors at Oklahoma State University, for their work on the enrollment projections in this study. We appreciate their credibility and in-depth analysis.

Smith consults with school districts around the Midwest and has prepared more than 100 demographic analysis studies for school districts and completed 200 total projects for school districts.

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