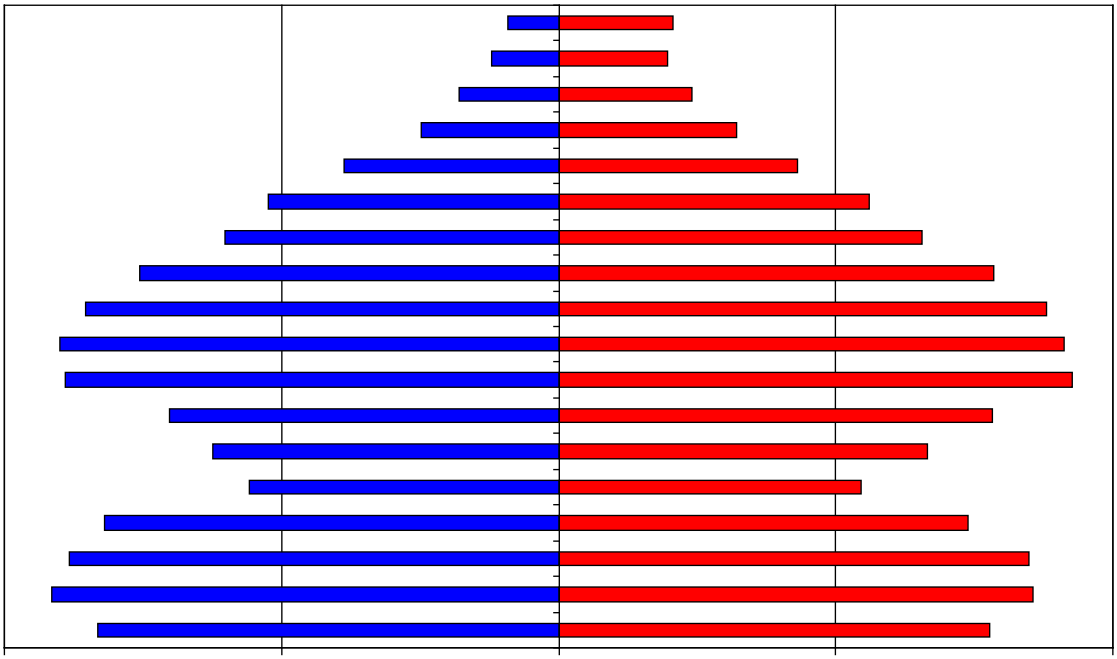
HUBER HEIGHTS
CITY SCHOOLS

Huber Heights City School District, OH

Demographic Study Report 2022



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Executive Summary

1. The resident total fertility rate for Huber Heights City SD over the life of the forecasts is below replacement level. (1.80 vs. the replacement level of 2.1)

2. Most in-migration to the district continues to occur in the 0-14 and 25-to-49-year-old age groups.

3. The local 18-24-year-old population continues to leave the district, going to college or moving to other urbanized areas. Another migration outflow is in the 60+ age groups, as empty-nester housing turnover continues to grow as a major driver of migration flow.

4. The district enrollment will decrease during the first half of the forecast, then start to increase to close to current levels due to more families with children moving into the district.

5. Changes in year-to-year enrollment over the next ten years will primarily be due to size of cohorts entering and leaving the system.

6. The elementary enrollment will remain roughly the same during the lifetime of the forecasts.

7. The median age of the district's population will increase from 38.6 in 2020 to 39.4 in 2035.

8. Even if the district continues to have some amount of annual new housing unit construction over the next 10 years, the rate, magnitude, and price of existing home sales will become the increasingly dominant factor affecting the amount of population and enrollment change.

9. Total district enrollment is forecasted to decrease by 236 students, or 4.0%, between 2022-23 and 2027-28. Total enrollment is forecasted to then increase by 199 students, or 3.5%, from 2027-28 to 2032-33.

INTRODUCTION

By demographic principle, distinctions are made between projections and forecasts. A projection extrapolates the past (and present) into the future with little or no attempt to take into account any factors that may impact the extrapolation (e.g., changes in fertility rates, housing patterns or migration patterns) while a forecast results when a projection is modified by reasoning to take into account the aforementioned factors.

To maximize the use of this study as a planning tool, the ultimate goal is not simply to project the past into the future, but rather to assess various factors' impact on the future. The future population and enrollment change of each school district are influenced by a variety of factors. Not all factors will influence the entire school district at the same level. Some may affect different areas at dissimilar magnitudes and rates causing changes at varying points of time within the same district. The forecaster's judgment, based on a thorough and intimate study of the district, has been used to modify the demographic trends and factors to more accurately predict likely changes. Therefore, strictly speaking, this study is a forecast, not a projection; and the amount of modification of the demographic trends varies between different areas of the district as well as within the timeframe of the forecast.

To calculate population forecasts of any type, particularly for smaller populations such as a school district, realistic suppositions must be made as to what the future will bring in terms of age specific fertility rates and residents' demographic behavior at certain points of the life course. The demographic history of the school district and its interplay with the social and economic history of the area is the starting point and basis of most of these suppositions particularly on key factors such as the age structure of the area. The unique nature of each district's and attendance area's demographic composition and rate of change over time must be assessed and understood to be factors throughout the life of the forecast series. Moreover, no two populations, particularly at the school district and attendance area level, have exactly the same characteristics.

The manifest purpose of these forecasts is to ascertain the demographic factors that will ultimately influence the enrollment levels in the district's schools. There are of course, other non-demographic factors that affect enrollment levels over time. These factors include, but are not limited to transfer policies within the district; student transfers to and from neighboring districts; placement of "special programs" within school facilities that may serve students from outside the attendance area; state or federal mandates that dictate the movement of students from one facility to another (No Child Left Behind was an excellent example of this factor); the development of charter schools in the district; the prevalence of home schooling in the area; and the dynamics of local private schools.

Unless the district specifically requests the calculation of forecasts that reflect the effects of changes in these non-demographic factors, their influences are held constant for the life of the forecasts. Again, the main function of these forecasts is to determine what impact demographic changes will have on future enrollment. It is quite possible to calculate special "scenario" forecasts to measure the impact of school policy modifications as well as planned economic and financial changes. However, in this case the results of these population and enrollment forecast are meant to represent the most likely scenario for changes over the next 10 years in the district and its attendance areas.

The first part of the report will examine the assumptions made in calculating the population forecasts for the Huber Heights CSD. Since the results of the population forecasts drive the subsequent enrollment forecasts, the assumptions listed in this section are paramount to understanding the area's demographic dynamics. The remainder of the report is an explanation and analysis of the district's population forecasts and how they will shape the district's grade level enrollment forecasts.

DATA

The data used for the forecasts come from a variety of sources. The Huber Heights CSD provided enrollments by grade and attendance center for the school years 2017-18 to 2022-23. Birth and death data for the years 2010 through 2020 were obtained from the Ohio Department of Health. The net migration values were calculated using Internal Revenue Service migration reports for the years 2010 through 2020. The data used for the calculation of migration models came from the United States Bureau of the Census, 2000 to 2010, and the models were designed using demographic and economic factors. The base age-sex population counts used are from the results of the 2010 Census.

Recently the Census Bureau began releasing annual estimates of demographic variables at the block group and tract level from the American Community Survey (ACS). There has been wide scale reporting of these results in the national, state and local media. However, due to the methodological problems the Census Bureau is experiencing with their estimates derived from ACS data, particularly in areas with a population of less than 60,000, the results of the ACS are not used in these forecasts. For example, given the sampling framework used by the Census Bureau, each year only 660 of the over 23,000 current households in the district would have been included. For comparison 3,000 households in the district were included in the sample for the long form questionnaire in the 2000 Census. As a result of this small sample size, the ACS survey result from the last 5 years must be aggregated to produce the tract and block group estimates.

To develop the population forecast models, past migration patterns, current age specific fertility patterns, the magnitude and dynamics of the gross migration, the age specific mortality trends, the distribution of the population by age and sex, the rate and type of existing housing unit sales, and future housing unit construction are considered to be primary variables. In addition, the change in household size relative to the age structure of the forecast area was addressed.

While there was a slight drop in the average household size in the Huber Heights CSD as well as most other areas of the state during the previous 20 years, the rate of this decline has been forecasted to slow over the next ten years.

ASSUMPTIONS

For these forecasts, the mortality probabilities are held constant at the levels calculated for the year 2010. While the number of deaths in an area are impacted by and will change given the proportion of the local population over age 65, in the absence of an extraordinary event such as a natural disaster or a breakthrough in the treatment of heart disease, death rates rarely move rapidly in any direction, particularly at the school district or attendance area level. Thus, significant changes are not foreseen in district's mortality rates between now and the year 2032. (At this point in time, there is insufficient data of the geographic and age level impacts of COVID-19 on mortality rates. We assume that most areas will have returned to their traditional mortality rate levels by 2022). Any increases forecasted in the number of deaths will be due primarily to the general aging of the district's population and specifically to the increase in the number of residents aged 65 and older.

Similarly, fertility rates are assumed to stay fairly constant for the life of the forecasts. Like mortality rates, age specific fertility rates rarely change quickly or dramatically, particularly in small areas. Even with the recently reported rise in the fertility rates of the United States, overall fertility rates have stayed within a 10% range for most of the last 40 years. In fact, the vast majority of year to year change in an area's number of births is due to changes in the number of women in child bearing ages (particularly ages 20-29) rather than any fluctuation in an area's fertility rate.

The resident total fertility rate (TFR), the average number of births a woman will have while living in the school district during her lifetime, is estimated to be 1.80 for the total district for the ten years of the population forecasts. A TFR of 2.1 births per woman is considered to be the theoretical "replacement level" of fertility necessary for a population to remain constant in the absence of in-migration. Therefore, in the absence of migration, fertility alone would be insufficient to maintain the current level of population and enrollment within the Huber Heights CSD over the course of the forecast period.

A close examination of data for the Huber Heights CSD has shown the age specific pattern of net migration will be nearly constant throughout the life of the forecasts. While the number of in- and out-migrants has changed in past years for the Huber Heights CSD (and will change again over the next 10 years), the basic age pattern of the migrants has stayed nearly the same over the last 30 years. Based on the analysis of data it is safe to assume this age specific migration trend will remain unchanged into the future. This pattern of migration shows most of the local out-migration occurring in the 18-to-24-year-old and 60+ age groups as young adults leave the area to go to college or move to other urbanized areas and empty nesters retire. The main group of in-migrants are school-aged families moving into suburbs. Most of the local in-migration occurs in the 0-to-14 and 25-to-54 age groups (the bulk of which come from areas within 75 miles of the Huber Heights CSD primarily consisting of adults and their children.

As the northeast Montgomery County area is not currently contemplating any major expansions or contractions, the forecasts also assume that the current economic, political, social, and environmental factors, as well as the transportation and public works infrastructure (with a few notable exceptions) of the Huber Heights CSD and its attendance areas will remain the same through the year 2033. Below is a list of assumptions and issues that are specific to the Huber Heights CSD. These issues have been used to modify the population forecast models to more accurately predict the impact of these factors on each area's population change. Specifically, the forecasts for the Huber Heights CSD assume that throughout the study period:

a. The national, state or regional economy does not go into deep recession at any time during the 10 years of the forecasts; (Deep recession is defined as four consecutive quarters where the GDP contracts greater than 1% per quarter)
b. Interest rates will not fluctuate more than one percentage point in the short term; the interest rate for a 30-year fixed home mortgage stays below 8.0%;
c. The rate of mortgage approval stays at 2015-2020 levels and lenders do not return to "sub-prime" mortgage practices;
d. There are no additional restrictions placed on home mortgage lenders or additional bankruptcies of major credit providers;
e. The rate of housing foreclosures does not exceed 125% of the 2015-2020 average of northwest Montgomery County for any year in the forecasts;
f. All currently planned, platted, approved, and permitted housing developments are built out and completed by 2030. All housing units constructed are occupied by 2032;
g. The unemployment rates for the northwest Montgomery County and the Dayton Metropolitan Area will remain below 7.5% for the 10 years of the forecasts;
h. The intra district student transfer policy remains unchanged over the next 10 years;
i. The State of Ohio does not change any of its current laws or policies regarding Charter Schools, Vouchers or inter district transfers;
j. No additional Charter schools open in northwest Montgomery County over the next 10 years;
k. The rate of students transferring into and out of the Huber Heights CSD will remain at the 2017-18 to 2022-23 average;
l. The inflation rate for gasoline will stay below 8% per year for the 10 years of the forecasts;

m. There will be no building moratorium within the district;
n. Businesses within the Dayton Metropolitan Area and the Huber Heights CSD will remain viable;
o. The number of existing home sales in the district that are a result of "distress sales" (homes worth less than the current mortgage value) will not exceed 20% of total homes sales in the district for any given year;
p. Housing turnover rates (sale of existing homes in the district) will remain at their current levels. The majority of existing home sales are made by home owners over the age of 55;
q. Private school and home school attendance rates will remain constant;
r. The rate of foreclosures for commercial property remains at the 2015-2020 average for Montgomery County;
s. The district will have at least an average of 800 home sales per year for the next 10 years.

If a major employer in the district or in the Dayton Metropolitan Area closes, reduces or expands its operations, the population forecasts would need to be adjusted to reflect the changes brought about by the change in economic and employment conditions. The same holds true for any type of natural disaster, major change in the local infrastructure (e.g., highway construction, water and sewer expansion, changes in zoning regulations etc.), a further economic downturn, any additional weakness in the housing market or any instance or situation that causes rapid and dramatic population changes that could not be foreseen at the time the forecasts were calculated.

The high proportion of high school graduates from the Huber Heights CSD that attend college or move to urban areas outside of the district for employment is a significant demographic factor. Their departure is a major reason for the high out-migration in the 18 to 24 age group, and was taken into account when calculating these forecasts. The out-migration of graduating high school seniors is expected to continue over the period of the forecasts and the rate of out-migration has been forecasted to remain the same over the life of the forecast series.

Finally, all demographic trends (i.e., births, deaths, and migration) are assumed to be linear in nature and annualized over the forecast period. For example, if 1,000 births are forecasted for a 5-year period, an equal number, or proportion of the births are assumed to occur every year, 200 per year. Actual year-to-year variations do and will occur, but overall year to year trends are expected to be constant.

METHODOLOGY

The population forecasts presented in this report are the result of using the Cohort-Component Method of population forecasting (Siegel, and Swanson, 2004: 561-601) (Smith et. al. 2004). As stated in the **INTRODUCTION**, the difference between a projection and a forecast is in the use of explicit judgment based upon the unique features of the area under study. Strictly speaking, a cohort projection refers to the future population that would result if a mathematical extrapolation of historical trends. Conversely, a cohort-component forecast refers to the future population that is expected because of a studied and purposeful selection of the components of change (i.e., births, deaths, and migration) and forecast models are developed to measure the impact of these changes in each specific geographic area.

Five sets of data are required to generate population and enrollment forecasts. These five data sets are:

1. a base-year population (here, the 2010 Census population for the Huber Heights CSD);
2. a control-year population (here, the 2020 Census population for the Huber Heights CSD);
3. a set of age-specific fertility rates for the district to be used over the forecast period;
4. a set of age-specific survival (mortality) rates for the district;
5. a set of age-specific migration rates for the district; and;
6. the historical enrollment figures by grade.

The most significant and difficult aspect of producing enrollment forecasts is the generation of the population forecasts in which the school age population (and enrollment) is embedded. In turn, the most challenging aspect of generating the population forecasts is found in deriving the rates of change in fertility, mortality, and migration. From the standpoint of demographic analysis, the Huber Heights CSD is classified as a "small area" population (as compared to the population of the state of Ohio or to that of the United States). Small area population forecasts are more complicated to calculate because local variations in fertility, mortality, and migration may be more irregular than those at the regional, state or national scale. Especially challenging is the forecast of the migration rates for local areas, because changes in the area's socioeconomic characteristics can quickly change from past and current patterns (Peters and Larkin, 2002.)

The population forecasts for Huber Heights CSD were calculated using a cohort-component method with the populations divided into male and female groups by five-year age cohorts that range from 0-to-4 years of age to 85 years of age and older (85+). Age- and sex-specific fertility, mortality, and migration models were constructed to specifically reflect the unique demographic characteristics of each of the attendance areas in the Huber Heights CSD. Since full age-sex cohort data for Census 2020 are not yet available, forecasts are produced using 2010 Census data as base year. Accordingly, estimates for 2020 are controlled by Census 2020 Redistricting Data total population for the district.

The enrollment forecasts were calculated using a modified average survivorship method. Average survivor rates (i.e., the proportion of students who progress from one grade level to the next given the average amount of net

migration for that grade level) over the previous five years of year-to-year enrollment data were calculated for grades two through twelve. This procedure is used to identify specific grades where there are large numbers of students changing facilities for non-demographic factors, such as private school transfers or enrollment in special programs.

The survivorship rates were modified or adjusted to reflect the average rate of forecasted in and out-migration of 5-to-9, 10-to-14 and 15-to-17-year-old cohorts to each of the attendance centers in Huber Heights CSD for the period 2015 to 2020. These survivorship rates then were adjusted to reflect the forecasted changes in age-specific migration the district should experience over the next five years. These modified survivorship rates were used to project the enrollment of grades 2 through 12 for the period 2022 to 2027. The survivorship rates were adjusted again for the period 2027 to 2032 to reflect the predicted changes in the amount of age-specific migration in the district for the period.

The forecasted enrollments for kindergarten and first grade are derived from the 5-to-9-year-old population of the age-sex population forecast at the elementary attendance center district level. This procedure allows the changes in the incoming grade sizes to be factors of forecasted population change and not an extrapolation of previous class sizes. Given the potentially large amount of variation in kindergarten enrollment due to parental choice, changes in the state's minimum age requirement, and differing district policies on allowing children to start kindergarten early, first grade enrollment is deemed to be a more accurate and reliable starting point for the forecasts. (McKibben, 1996) The level of the accuracy for both the population and enrollment forecasts at the school district level is estimated to be +2.0% for the life of the forecasts.

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Appendix A: Supplemental Tables

Table 1: Forecasted Elementary Area Population Change, 2020 to 2030

	2020	2025	*2020-2025 Change*	2030	*2025-2030 Change*	*2020-2030 Change*
Charles Huber ES	9,630	9,940	*3.1%*	10,230	*2.9%*	*6.2%*
Monticello ES	7,690	7,840	*1.9%*	8,000	*2.0%*	*4.0%*
Rushmore ES	8,730	8,840	*1.2%*	8,920	*0.9%*	*2.2%*
Valley Forge ES	8,230	8,460	*2.7%*	9,350	*10.5%*	*13.6%*
Wright Brothers ES	8,600	8,700	*1.1%*	8,860	*1.8%*	*3.0%*
DISTRICT TOTAL	**42,880**	**43,780**	***2.1%***	**45,360**	***3.6%***	***5.8%***

Table 2: Household Characteristics by Elementary Area, 2010 Census

	HH w/ Pop Under 18	% HH w/ Pop Under 18	Total Households	Household Population	Persons Per Household
Charles Huber ES	1,258	35.7%	3,519	9,183	2.61
Monticello ES	1,044	37.9%	2,753	7,498	2.72
Rushmore ES	1,182	37.1%	3,189	8,464	2.65
Valley Forge ES	1,127	34.0%	3,311	8,095	2.44
Wright Brothers ES	1,186	37.9%	3,127	8,228	2.63
DISTRICT TOTAL	**5,797**	**36.5%**	**15,899**	**41,468**	**2.61**

Table 3: Householder Characteristics by Elementary Area, 2010 Census

	Percentage of Householders aged 35-54	Percentage of Householders aged 65+	Percentage of Householders Who Own Homes
Charles Huber ES	41.3%	19.8%	75.6%
Monticello ES	41.8%	21.9%	74.5%
Rushmore ES	39.4%	19.5%	75.3%
Valley Forge ES	37.6%	22.3%	69.1%
Wright Brothers ES	41.9%	20.7%	73.3%
DISTRICT TOTAL	**40.3%**	**20.8%**	**73.6%**

Table 4: Percentage of Households that are Single Person Households and Single Person Households that are over age 65 by Elementary Area , 2010 Census

	Percentage of Single Person Households	Percentage of Single Person Households and are 65+
Charles Huber ES	21.0%	7.2%
Monticello ES	21.9%	8.1%
Rushmore ES	15.6%	5.8%
Valley Forge ES	25.5%	9.2%
Wright Brothers ES	22.8%	7.6%
DISTRICT TOTAL	**22.0%**	**7.6%**

Table 5: Elementary Enrollment (K-6), 2022, 2027, 2032

	2022	2027	2022-2027 Change	2032	2027-2032 Change	2022-2032 Change
Charles Huber ES	602	621	3.2%	623	0.3%	3.5%
Monticello ES	588	571	-2.9%	570	-0.2%	-3.1%
Rushmore ES	625	613	-1.9%	603	-1.6%	-3.5%
Valley Forge ES	548	558	1.8%	585	4.8%	6.8%
Wright Brothers ES	692	670	-3.2%	628	-6.3%	-9.2%
DISTRICT TOTAL	**3,055**	**3,033**	**-0.7%**	**3,009**	**-0.8%**	**-1.5%**

Table 6: Age Under One to Age Ten Population Counts, by Year of Age, by Elementary Area: 2010 Census

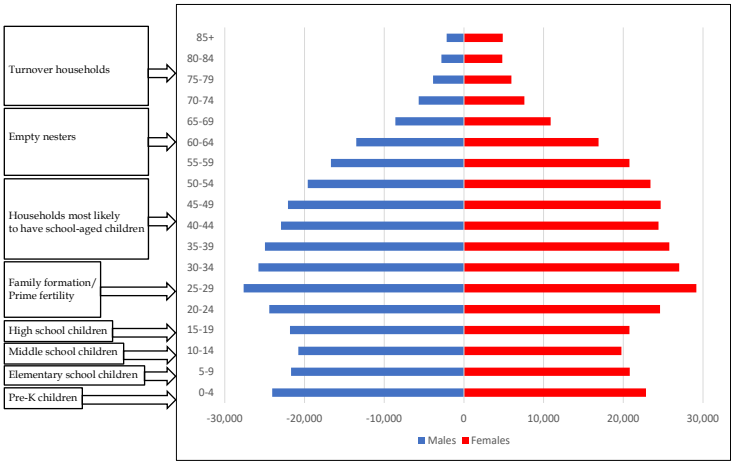
	Under 1 year	1 year	2 years	3 years	4 years	5 years	6 years	7 years	8 years	9 years	10 years
Arthur S. May ES	115	100	114	113	104	129	99	124	111	124	112
Beekman ES	64	67	91	95	100	100	118	120	107	117	108
Noxon Road ES	54	51	62	70	66	76	62	93	73	98	106
Overlook PS/Titusville IS	97	98	125	98	101	149	134	142	161	139	152
Traver Road PS/Joseph D'Aquanni IS	108	103	122	120	103	122	136	151	160	143	165
Vail Farm ES	86	106	122	132	117	152	151	170	158	182	181
DISTRICT TOTAL	**524**	**525**	**636**	**628**	**591**	**728**	**699**	**800**	**770**	**803**	**824**

Appendix B: Population Pyramids

Population pyramids are an effective tool to graphically represent age-sex composition of a given geographical area. They are designed to provide a detailed picture of structure of a population, with age and sex group intervals represented as horizontal bars stacked on one another. Most commonly, the pyramids are represented in 5-year age intervals, with the oldest group being open ended (on top). Male population groups are presented on the left, and female groups are given on the right side of the graph. For the purpose of this report, pyramids are represented as absolute numbers, since these types of pyramids show differences in overall population numbers between age-sex groups and between different geographical areas. Since the size of population between different attendance zones, regions and the district as a whole varies significantly, the pyramids are represented at different scale groupings, varying from: very small (up to 400 per age-sex group); small; (up to 800 per age-sex group); medium-sized (up to 1,200 per age-sex group); large (up to 1,600 per age-sex group); and very-large (up to 2,000 per age-sex group). The scales for the regions as well as for the whole district are naturally larger and are adjusted accordingly.

The shapes of the pyramids, along with the magnitude of the scales, are powerful tool with which one can quickly gain insight into population dynamics of analyzed area. Various types of shapes offer demographers visual aids in determining possible underlying trends regarding not just the age-sex composition of the area, but also provide clues to population components of change (fertility, mortality, and migration). They might also provide insight into possible type of housing, workforce, education level and presence of group quarters (such as correctional institutions, colleges, senior care facilities, etc.) All these factors should be considered when analyzing population trends of a certain area and more importantly while trying to ascertain future trends that this area might experience.

With all of this in mind, one can consider a population pyramid as a demographic fingerprint of a certain area. Consider the pyramid below:

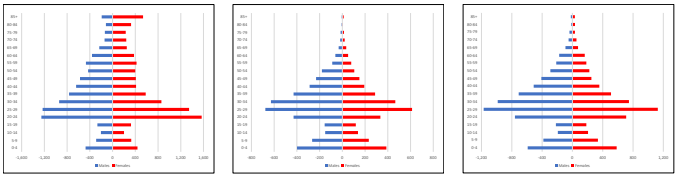


We can classify age groups into eight approximate categories (with an obvious note that 5-year age groups will not perfectly match school levels):

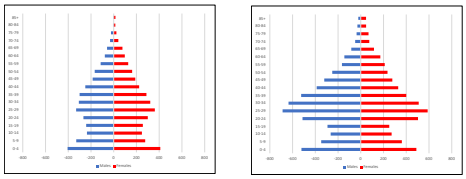
a) Ages 0-4 - Pre-K children;
b) Ages 5-9 - Elementary school children;
c) Ages 10-14 - Middle school children;
d) Ages: 15-19 - High school children;
e) Ages: 20-34 - Family formation/prime fertility;
f) Ages 35-54 - Households most likely to have school-aged children;
g) Ages 55-74 - Empty nesters; and
h) Ages 75 - Turnover households.

Using different kinds of typologies, we can classify elementary attendance zones into 7 different types, as follows:

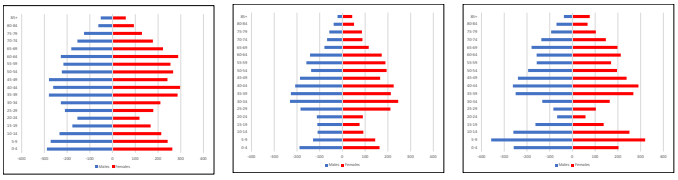
a) Multi-family - high SES (socioeconomic status): characterized by high proportion of population in their 20s and early 30s, most likely to be renting apartments. In addition, characterized by higher SES.



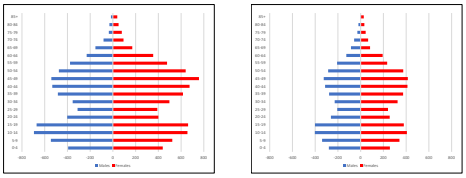
b) Multi-family – low SES: characterized by high proportion of population in their 20s and early 30s, most likely to be renting apartments. In addition, characterized by lower SES.



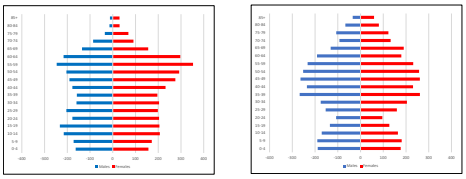
c) Young suburban: characterized by high proportions of population in their 30s and 40s, as well as young children (pre-K and elementary schoolers).



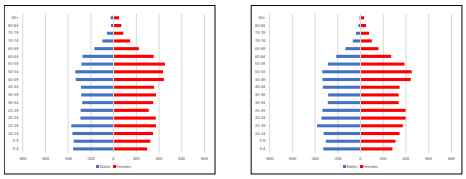
d) Old suburban: characterized by high proportions of population in their 40s and 50s, as well as older children (middle and high schoolers).



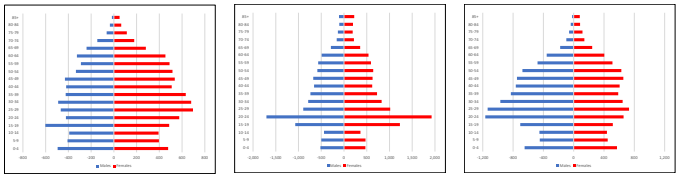
e) Turnover: characterized by population in 50s and 60s, empty nest households more likely to sell a house and downsize.



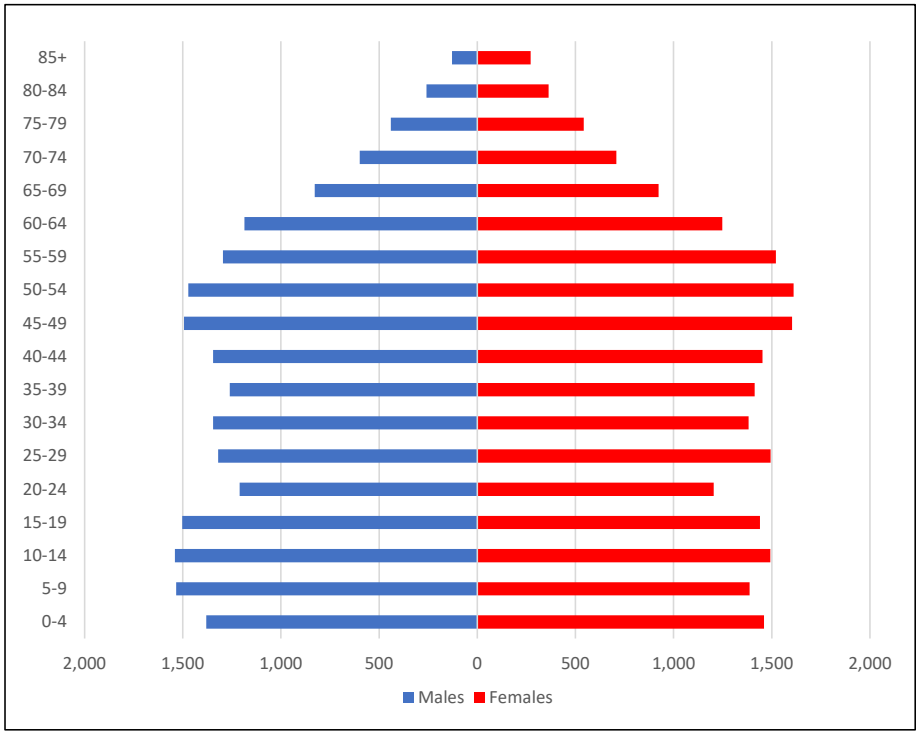
f) Mixed: characterized by mixed population of various ages and types of housing.



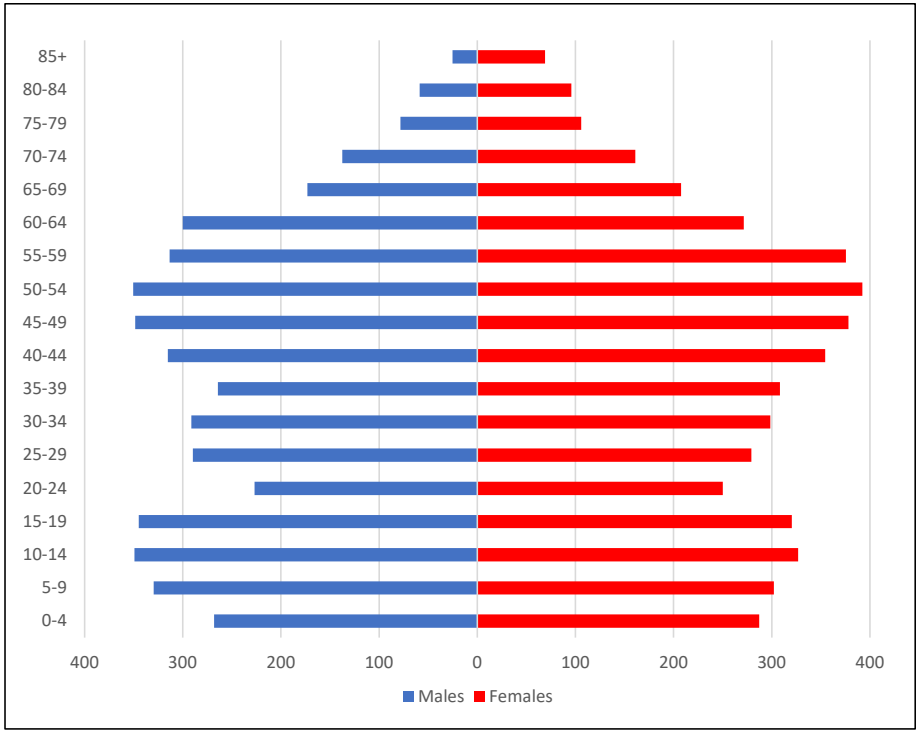
g) Group quarters: characterized by presence of one specific group of population that is living in either retirement homes, correctional facilities, army bases, student dorms, etc.



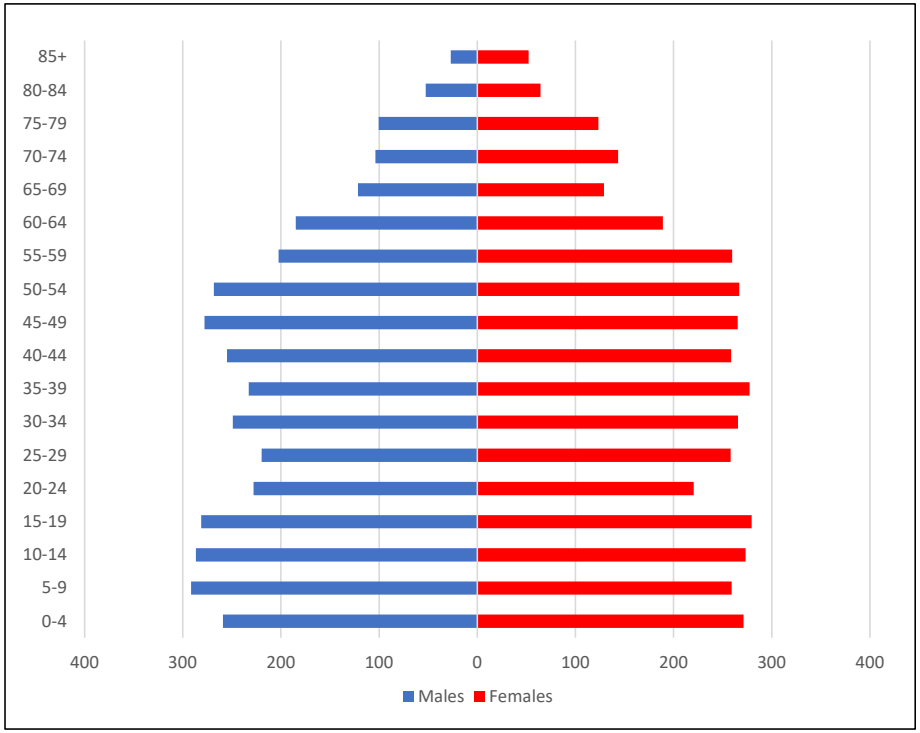
Huber Heights City Schools Total Population – 2010 Census



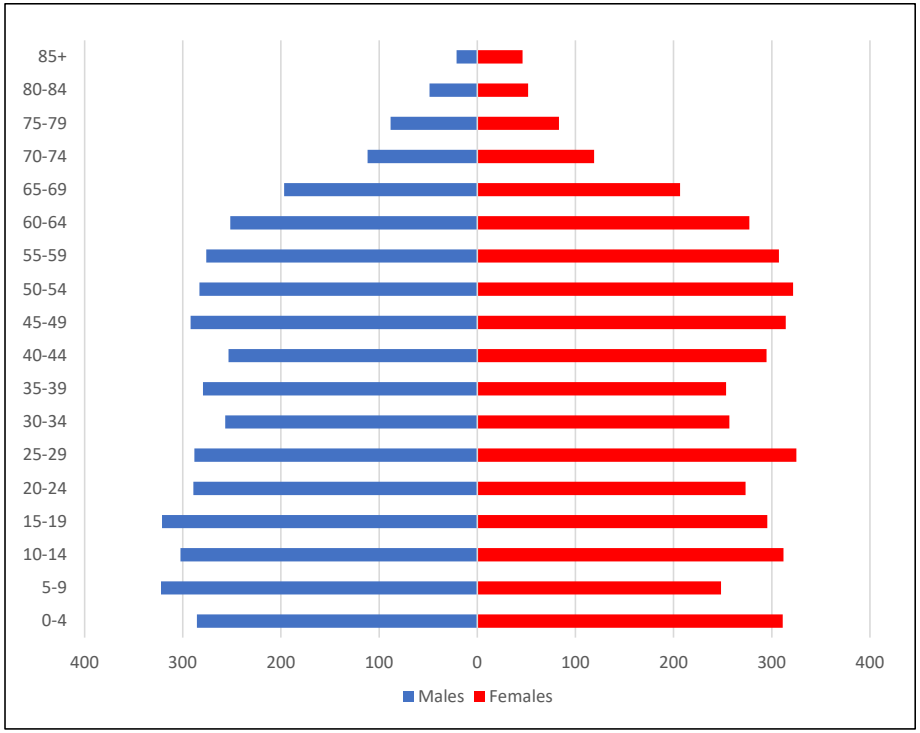
Charles Huber Elementary Total Population – 2010 Census



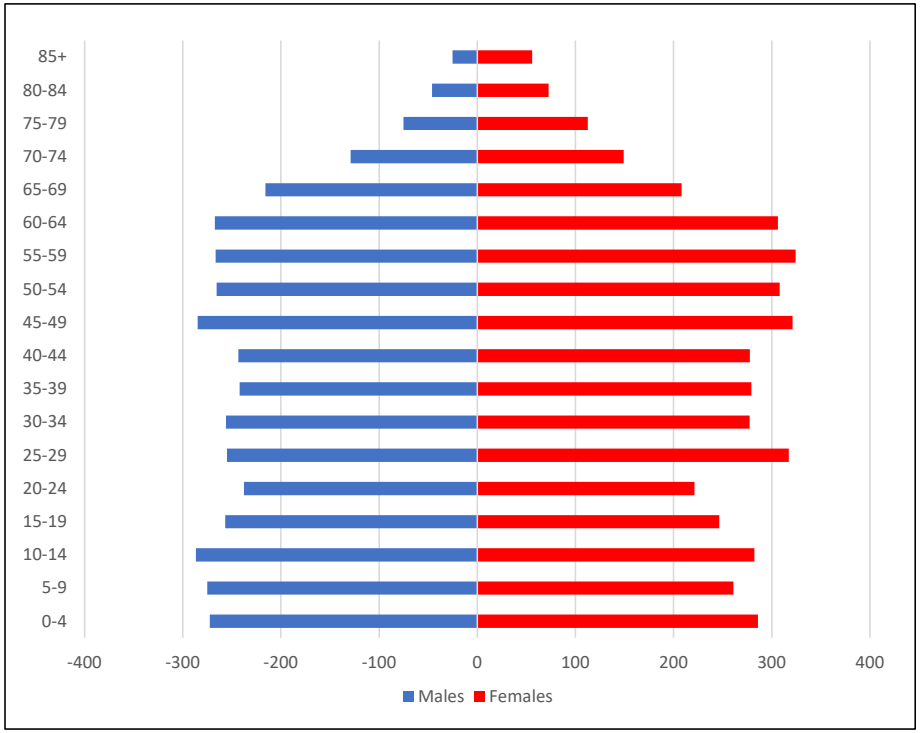
Monticello Elementary Total Population – 2010 Census



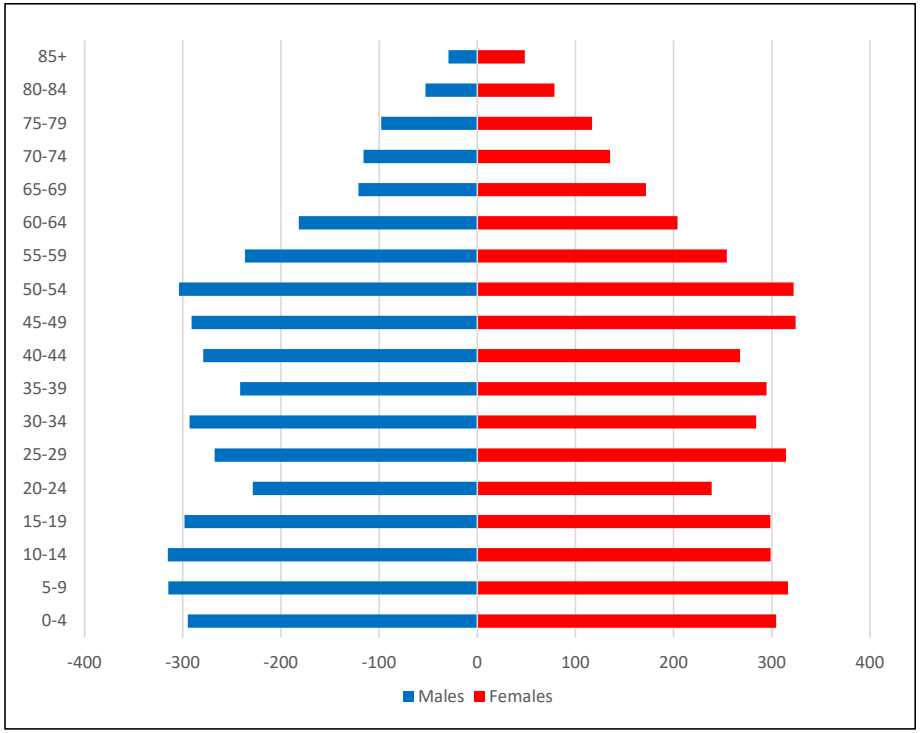
Rushmore Elementary Total Population – 2010 Census



Valley Forge Elementary Total Population – 2010 Census



Wright Brothers Elementary Total Population – 2010 Census



Appendix C: Population Forecasts

Huber Heights City Schools - 2022 Population Forecast

Total	2010	2015	2020	2025	2030	2035
0-4	2,840	2,730	2,670	2,670	2,790	2,770
5-9	2,920	2,860	2,690	2,810	2,760	2,830
10-14	3,033	2,930	2,860	2,850	3,030	2,940
15-19	2,942	2,980	2,820	2,810	2,930	3,070
20-24	2,414	2,600	2,700	2,610	2,690	2,780
25-29	2,814	2,680	2,880	2,920	2,870	2,870
30-34	2,728	2,830	2,750	2,990	3,090	3,050
35-39	2,673	2,780	2,850	2,840	3,080	3,160
40-44	2,799	2,790	2,920	2,980	2,960	3,170
45-49	3,097	3,030	2,980	3,080	3,160	3,100
50-54	3,082	3,090	3,060	3,060	3,170	3,200
55-59	2,816	2,990	2,990	3,030	3,000	3,080
60-64	2,434	2,590	2,730	2,740	2,880	2,850
65-69	1,751	2,060	2,230	2,330	2,500	2,530
70-74	1,306	1,400	1,600	1,820	1,980	2,130
75-79	982	940	970	1,050	1,170	1,280
80-84	622	680	730	740	820	900
85+	400	430	450	450	480	470
Total	41,653	42,390	42,880	43,780	45,360	46,180
Median Age	37.1	37.9	38.6	38.9	39.1	39.4

	2010 to 2015	2015 to 2020	2020 to 2025	2025 to 2030	2030 to 2035
Births	2,650	2,550	2,550	2,540	2,590
Deaths	1,340	1,410	1,500	1,540	1,660
Natural Increase	1,310	1,140	1,050	1,000	930
Net Migration	30	270	450	540	730
Change	1,340	1,410	1,500	1,540	1,660

Differences between period Totals may not equal Change due to rounding.

Charles Huber Elementary - 2022 Population Forecast

Total	2010	2015	2020	2025	2030	2035
0-4	555	530	550	550	570	570
5-9	632	600	570	610	580	590
10-14	676	640	620	630	650	630
15-19	665	660	620	640	670	690
20-24	477	520	560	560	550	570
25-29	569	580	600	620	630	640
30-34	590	630	630	650	660	650
35-39	573	610	630	650	650	640
40-44	670	650	690	680	680	680
45-49	727	720	690	730	750	740
50-54	743	730	720	750	790	780
55-59	689	730	720	750	730	780
60-64	572	580	610	640	650	670
65-69	380	440	460	470	540	570
70-74	299	350	380	390	470	520
75-79	184	230	280	290	300	370
80-84	155	150	190	220	240	240
85+	94	110	110	110	120	120
Total	9,248	9,460	9,630	9,940	10,230	10,450
Median Age	39.0	39.7	40.3	40.4	41.1	41.8

	2010 to 2015	2015 to 2020	2020 to 2025	2025 to 2030	2030 to 2035
Births	540	550	540	530	540
Deaths	310	330	370	390	420
Natural Increase	230	220	170	140	120
Net Migration	-40	-40	100	200	100
Change	190	180	270	340	220

Differences between period Totals may not equal Change due to rounding.

Monticello Elementary - 2022 Population Forecast

Total	2010	2015	2020	2025	2030	2035
0-4	530	510	490	510	490	490
5-9	551	530	510	530	530	530
10-14	560	550	530	530	570	570
15-19	561	530	520	510	550	550
20-24	448	480	450	450	490	480
25-29	478	500	530	480	450	490
30-34	515	520	550	560	500	490
35-39	510	540	550	570	570	550
40-44	514	560	580	580	580	600
45-49	543	540	580	600	580	590
50-54	535	530	530	570	600	590
55-59	462	500	500	510	550	570
60-64	374	400	430	460	490	520
65-69	251	310	330	350	400	410
70-74	247	190	210	230	210	240
75-79	224	220	170	190	200	190
80-84	117	140	160	130	160	170
85+	80	70	70	80	80	80
Total	7,499	7,620	7,690	7,840	8,000	8,110
Median Age	36.0	36.8	37.4	38.1	38.7	39.1

	2010 to 2015	2015 to 2020	2020 to 2025	2025 to 2030	2030 to 2035
Births	490	470	460	430	430
Deaths	250	250	270	260	280
Natural Increase	240	220	190	170	150
Net Migration	-130	-130	-50	-10	-50
Change	110	90	140	160	100

Differences between period Totals may not equal Change due to rounding.

Rushmore Elementary - 2022 Population Forecast

Total	2010	2015	2020	2025	2030	2035
0-4	597	610	570	570	570	570
5-9	571	570	570	550	550	530
10-14	614	620	590	590	570	570
15-19	616	630	620	590	590	570
20-24	563	590	660	640	610	620
25-29	613	510	540	610	590	560
30-34	514	560	510	530	610	590
35-39	533	510	560	500	530	590
40-44	548	530	500	550	500	520
45-49	606	600	580	560	600	550
50-54	605	620	610	600	570	620
55-59	583	600	610	600	580	560
60-64	529	570	580	590	590	570
65-69	404	480	520	530	550	530
70-74	231	310	370	440	420	460
75-79	171	150	170	210	280	270
80-84	100	120	110	120	150	200
85+	67	60	60	60	60	70
Total	8,464	8,640	8,730	8,840	8,920	8,950
Median Age	36.4	37.3	37.7	38.4	38.5	38.9

	2010 to 2015	2015 to 2020	2020 to 2025	2025 to 2030	2030 to 2035
Births	530	500	500	490	500
Deaths	250	270	270	290	320
Natural Increase	280	230	230	200	180
Net Migration	-125	-125	-125	-125	-125
Change	155	105	105	75	55

Differences between period Totals may not equal Change due to rounding.

Valley Forge Elementary - 2022 Population Forecast

Total	2010	2015	2020	2025	2030	2035
0-4	558	530	490	510	630	610
5-9	536	550	490	490	510	590
10-14	569	490	510	490	550	530
15-19	503	570	480	520	490	550
20-24	459	450	480	460	570	570
25-29	572	560	610	600	640	650
30-34	533	520	510	610	660	700
35-39	521	530	520	550	670	700
40-44	521	520	560	560	610	690
45-49	606	620	600	600	620	630
50-54	574	600	610	620	650	630
55-59	591	560	580	610	660	670
60-64	574	580	550	550	660	650
65-69	424	500	520	510	590	620
70-74	278	300	350	420	470	550
75-79	188	140	140	140	140	150
80-84	119	110	120	120	120	120
85+	81	100	110	100	110	110
Total	8,206	8,230	8,230	8,460	9,350	9,720
Median Age	38.6	39.2	40.2	40.0	39.7	39.7

	2010 to 2015	2015 to 2020	2020 to 2025	2025 to 2030	2030 to 2035
Births	540	480	520	560	590
Deaths	270	270	290	290	320
Natural Increase	270	210	230	270	270
Net Migration	-250	-200	30	600	100
Change	20	10	260	870	370

Differences between period Totals may not equal Change due to rounding.

Wright Brothers Elementary - 2022 Population Forecast

Total	2010	2015	2020	2025	2030	2035
0-4	599	550	570	530	530	530
5-9	631	610	550	630	590	590
10-14	614	630	610	610	690	640
15-19	597	590	580	550	630	710
20-24	467	560	550	500	470	540
25-29	582	530	600	610	560	530
30-34	577	600	550	640	660	620
35-39	536	590	590	570	660	680
40-44	547	530	590	610	590	680
45-49	615	550	530	590	610	590
50-54	626	610	590	520	560	580
55-59	491	600	580	560	480	500
60-64	386	460	560	500	490	440
65-69	293	330	400	470	420	400
70-74	251	250	290	340	410	360
75-79	215	200	210	220	250	300
80-84	131	160	150	150	150	170
85+	78	90	100	100	110	90
Total	8,236	8,440	8,600	8,700	8,860	8,950
Median Age	35.5	36.3	37.5	37.5	37.3	37.3

	2010 to 2015	2015 to 2020	2020 to 2025	2025 to 2030	2030 to 2035
Births	550	550	530	530	530
Deaths	260	290	300	310	320
Natural Increase	290	260	230	220	210
Net Migration	-100	-100	-100	-100	-100
Change	190	160	130	120	110

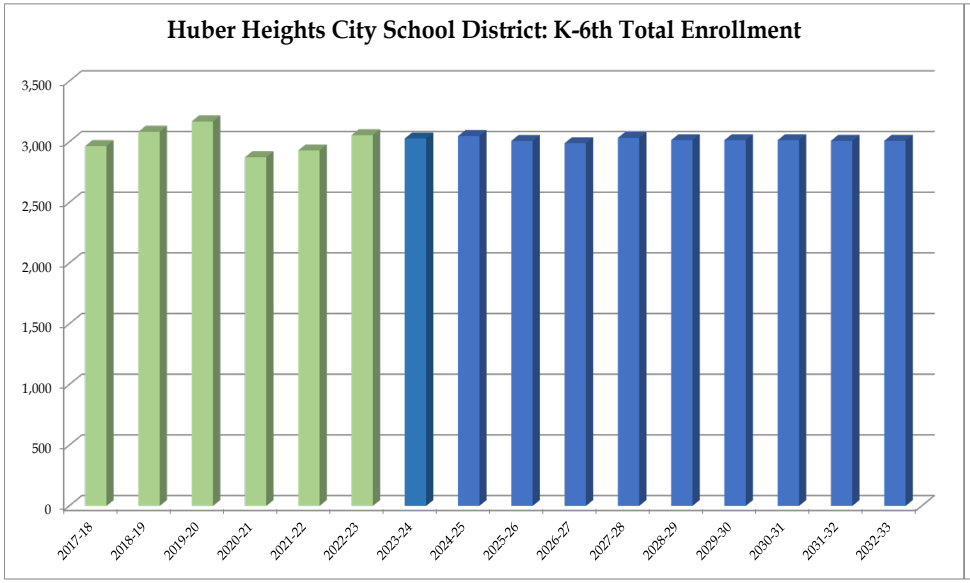
Differences between period Totals may not equal Change due to rounding.

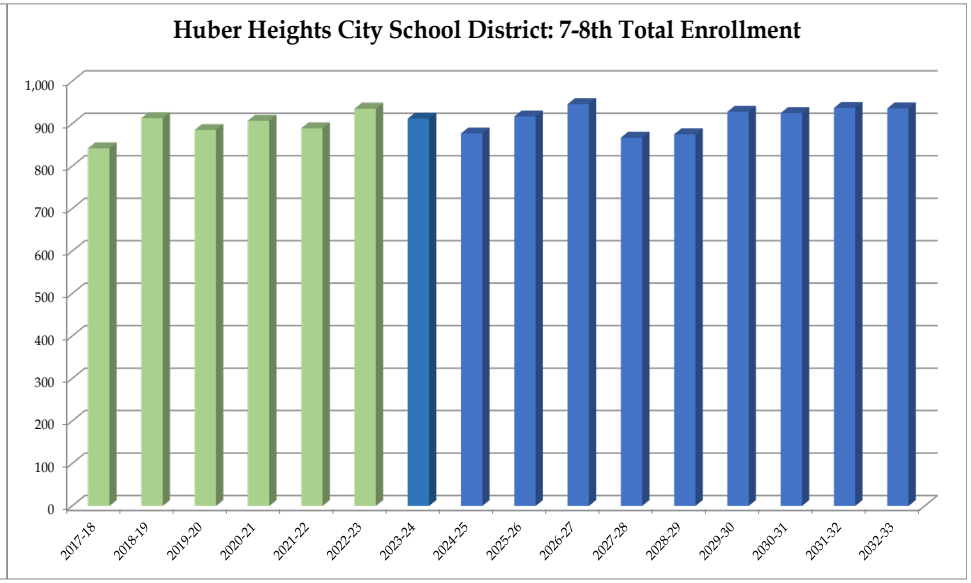
Appendix D: Enrollment Forecasts

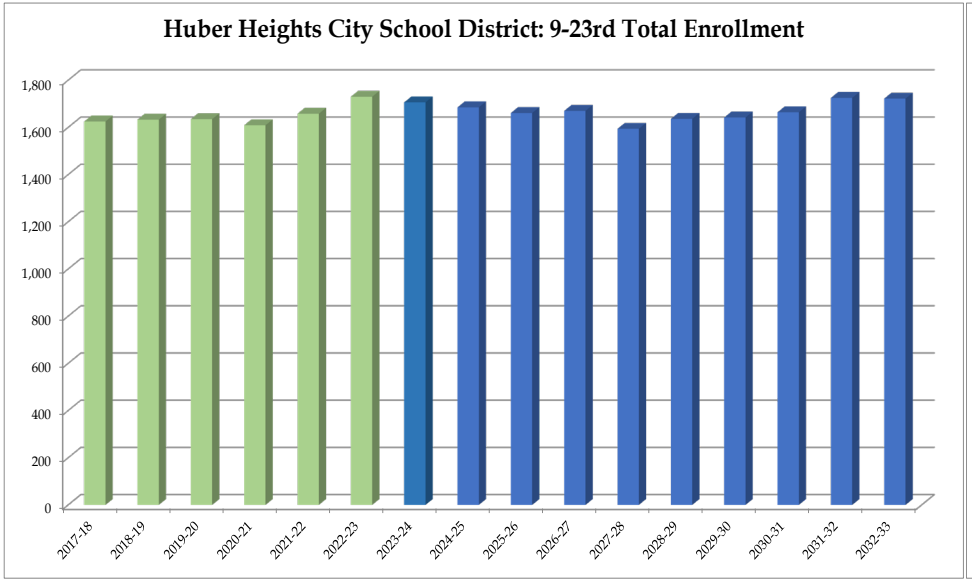
Huber Heights City Schools: Total District Enrollment

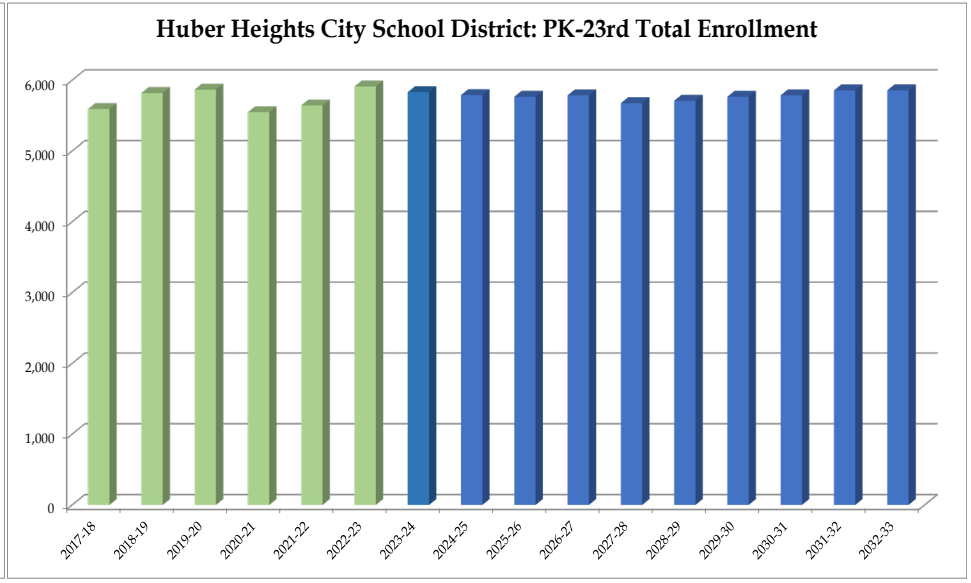
	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33
PK	161	190	179	159	167	192	185	180	180	181	182	184	183	184	185	190
K	434	443	459	326	412	463	414	416	413	413	413	411	410	414	412	413
1	430	420	445	433	358	434	414	418	421	417	418	417	415	414	418	416
2	424	431	443	403	443	381	440	420	424	427	423	424	423	421	420	424
3	415	465	438	408	439	450	392	451	429	433	436	432	433	432	430	429
4	441	412	470	407	413	465	451	391	449	429	433	436	432	433	432	430
5	417	449	462	450	424	429	482	465	403	463	443	447	450	446	447	446
6	404	463	451	446	440	433	435	487	469	407	467	447	451	454	450	451
Total K-6	**2,965**	**3,083**	**3,168**	**2,873**	**2,929**	**3,055**	**3,028**	**3,048**	**3,008**	**2,989**	**3,033**	**3,014**	**3,014**	**3,014**	**3,009**	**3,009**
7	447	449	458	445	447	471	443	440	488	470	408	473	457	465	469	464
8	395	464	427	462	442	464	469	437	429	476	459	402	471	460	468	472
Total 7-8	**842**	**913**	**885**	**907**	**889**	**935**	**912**	**877**	**917**	**946**	**867**	**875**	**928**	**925**	**937**	**936**
9	515	501	531	428	474	482	509	473	524	505	438	507	490	499	502	498
10	422	447	439	466	431	498	446	466	428	475	457	401	469	459	467	470
11	336	345	342	341	390	348	394	348	359	330	366	357	317	376	368	374
12	345	330	308	364	352	386	342	383	335	345	318	356	351	315	373	365
23	7	10	15	10	11	16	15	15	15	15	15	15	15	15	15	15
Total 9-23	**1,625**	**1,633**	**1,635**	**1,609**	**1,658**	**1,730**	**1,706**	**1,685**	**1,661**	**1,670**	**1,594**	**1,636**	**1,642**	**1,664**	**1,725**	**1,722**
Total PK-23	**5,593**	**5,819**	**5,867**	**5,548**	**5,643**	**5,912**	**5,831**	**5,790**	**5,766**	**5,786**	**5,676**	**5,709**	**5,767**	**5,787**	**5,856**	**5,857**
Total PK-23	**5,593**	**5,819**	**5,867**	**5,548**	**5,643**	**5,912**	**5,831**	**5,790**	**5,766**	**5,786**	**5,676**	**5,709**	**5,767**	**5,787**	**5,856**	**5,857**
Change		226	48	-319	95	269	-81	-41	-24	20	-110	33	58	20	69	1
% Change		4.0%	0.8%	-5.4%	1.7%	4.8%	-1.4%	-0.7%	-0.4%	0.3%	-1.9%	0.6%	1.0%	0.3%	1.2%	0.0%
Total: K-6	**2,965**	**3,083**	**3,168**	**2,873**	**2,929**	**3,055**	**3,028**	**3,048**	**3,008**	**2,989**	**3,033**	**3,014**	**3,014**	**3,014**	**3,009**	**3,009**
Change		118	85	-295	56	126	-27	20	-40	-19	44	-19	0	0	-5	0
% Change		4.0%	2.8%	-9.3%	1.9%	4.3%	-0.9%	0.7%	-1.3%	-0.6%	1.5%	-0.6%	0.0%	0.0%	-0.2%	0.0%
Total: 7-8	**842**	**913**	**885**	**907**	**889**	**935**	**912**	**877**	**917**	**946**	**867**	**875**	**928**	**925**	**937**	**936**
Change		71	-28	22	-18	46	-23	-35	40	29	-79	8	53	-3	12	-1
% Change		8.4%	-3.1%	2.5%	-2.0%	5.2%	-2.5%	-3.8%	4.6%	3.2%	-8.4%	0.9%	6.1%	-0.3%	1.3%	-0.1%
Total: 9-23	**1,625**	**1,633**	**1,635**	**1,609**	**1,658**	**1,730**	**1,706**	**1,685**	**1,661**	**1,670**	**1,594**	**1,636**	**1,642**	**1,664**	**1,725**	**1,722**
Change		8	2	-26	49	72	-24	-21	-24	9	-76	42	6	22	61	-3
% Change		0.5%	0.1%	-1.6%	3.0%	4.3%	-1.4%	-1.2%	-1.4%	0.5%	-4.6%	2.6%	0.4%	1.3%	3.7%	-0.2%

Forecasts developed December 2022
Green cells (2022-2023 and earlier) are historical data
Blue cells (2023-2024 and later) are forecasted years


Huber Heights City School District: K-6th Total Enrollment
3,500
3,000
2,500
2,000
1,500
1,000
500
0
2017-18
2018-19
2019-20
2020-21
2021-22
2022-23
2023-24
2024-25
2025-26
2026-27
2027-28
2028-29
2029-30
2030-31
2031-32
2032-33


Huber Heights City School District: 7-8th Total Enrollment
1,000
900
800
700
600
500
400
300
200
100
0
2017-18
2018-19
2019-20
2020-21
2021-22
2022-23
2023-24
2024-25
2025-26
2026-27
2027-28
2028-29
2029-30
2030-31
2031-32
2032-33


Huber Heights City School District: 9-23rd Total Enrollment
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
2017-18
2018-19
2019-20
2020-21
2021-22
2022-23
2023-24
2024-25
2025-26
2026-27
2027-28
2028-29
2029-30
2030-31
2031-32
2032-33

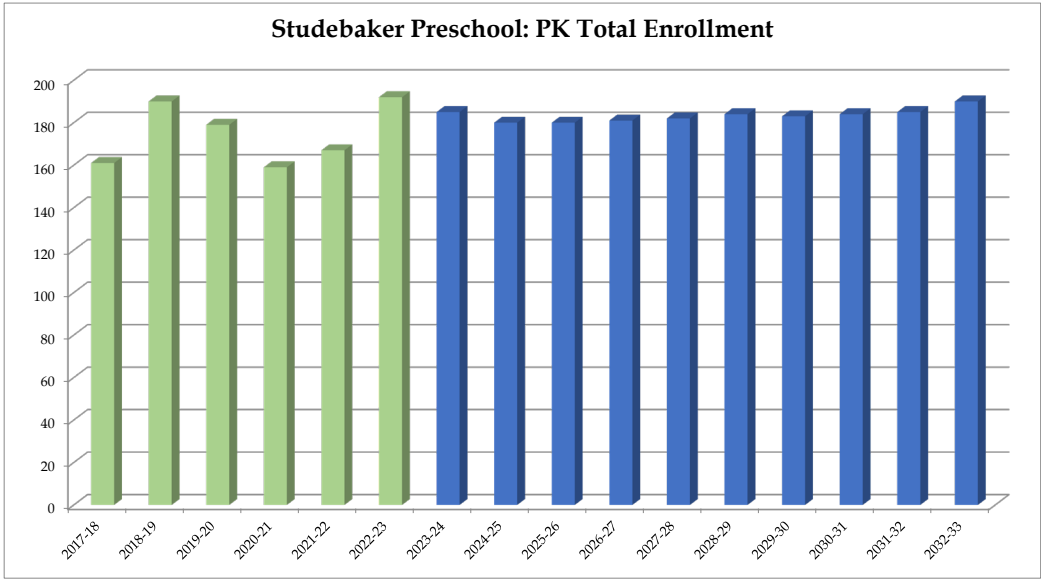

Huber Heights City School District: PK-23rd Total Enrollment
6,000
5,000
4,000
3,000
2,000
1,000
0
2017-18
2018-19
2019-20
2020-21
2021-22
2022-23
2023-24
2024-25
2025-26
2026-27
2027-28
2028-29
2029-30
2030-31
2031-32
2032-33

Studebaker Preschool

	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33
PK	161	190	179	159	167	192	185	180	180	181	182	184	183	184	185	190
Total PK	**161**	**190**	**179**	**159**	**167**	**192**	**185**	**180**	**180**	**181**	**182**	**184**	**183**	**184**	**185**	**190**

Total PK	**161**	**190**	**179**	**159**	**167**	**192**	**185**	**180**	**180**	**181**	**182**	**184**	**183**	**184**	**185**	**190**
Change		29	-11	-20	8	25	-7	-5	0	1	1	2	-1	1	1	5
% Change		18.0%	-5.8%	-11.2%	5.0%	15.0%	-3.6%	-2.7%	0.0%	0.6%	0.6%	1.1%	-0.5%	0.5%	0.5%	2.7%

Forecasts developed December 2022
Green cells (2022-2023 and earlier) are historical data
Blue cells (2023-2024 and later) are forecasted years

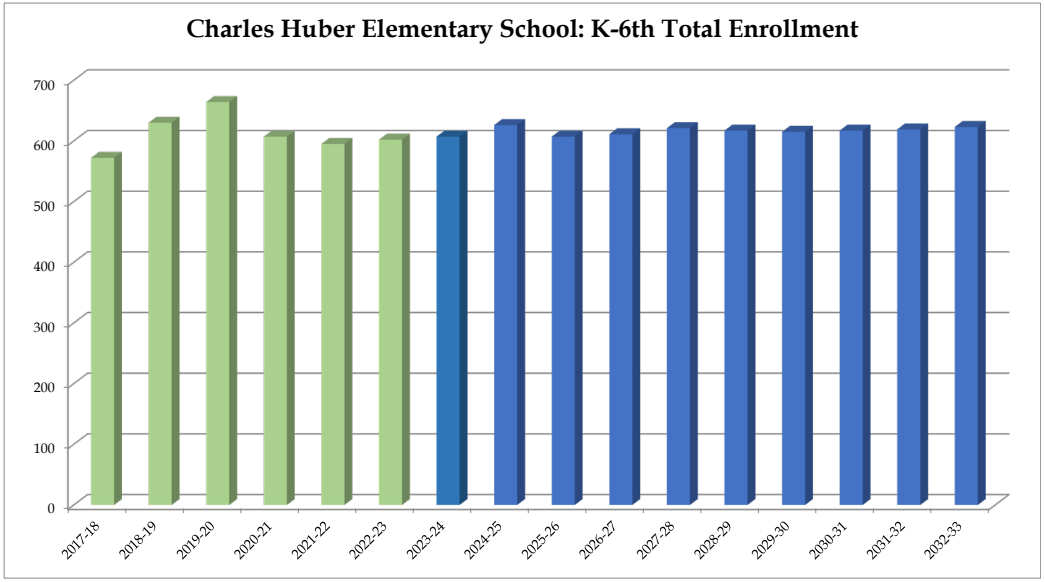


Charles Huber Elementary School

	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33
K	71	102	95	61	93	92	84	85	83	83	83	82	81	86	87	87
1	88	78	104	90	74	89	86	87	88	86	86	86	85	84	89	90
2	85	92	89	98	79	77	90	87	88	89	87	87	87	86	85	90
3	94	104	91	76	106	87	81	94	91	92	93	91	91	91	90	89
4	69	98	98	77	69	103	82	76	89	86	87	88	86	86	86	85
5	81	68	111	95	83	74	108	86	80	93	90	91	92	90	90	90
6	84	88	76	110	91	80	76	111	88	82	95	92	93	94	92	92
Total K-6	**572**	**630**	**664**	**607**	**595**	**602**	**607**	**626**	**607**	**611**	**621**	**617**	**615**	**617**	**619**	**623**

Total K-6	**572**	**630**	**664**	**607**	**595**	**602**	**607**	**626**	**607**	**611**	**621**	**617**	**615**	**617**	**619**	**623**
Change		58	34	-57	-12	7	5	19	-19	4	10	-4	-2	2	2	4
% Change		10.1%	5.4%	-8.6%	-2.0%	1.2%	0.8%	3.1%	-3.0%	0.7%	1.6%	-0.6%	-0.3%	0.3%	0.3%	0.6%

Forecasts developed December 2022
Green cells (2022-2023 and earlier) are historical data
Blue cells (2023-2024 and later) are forecasted years

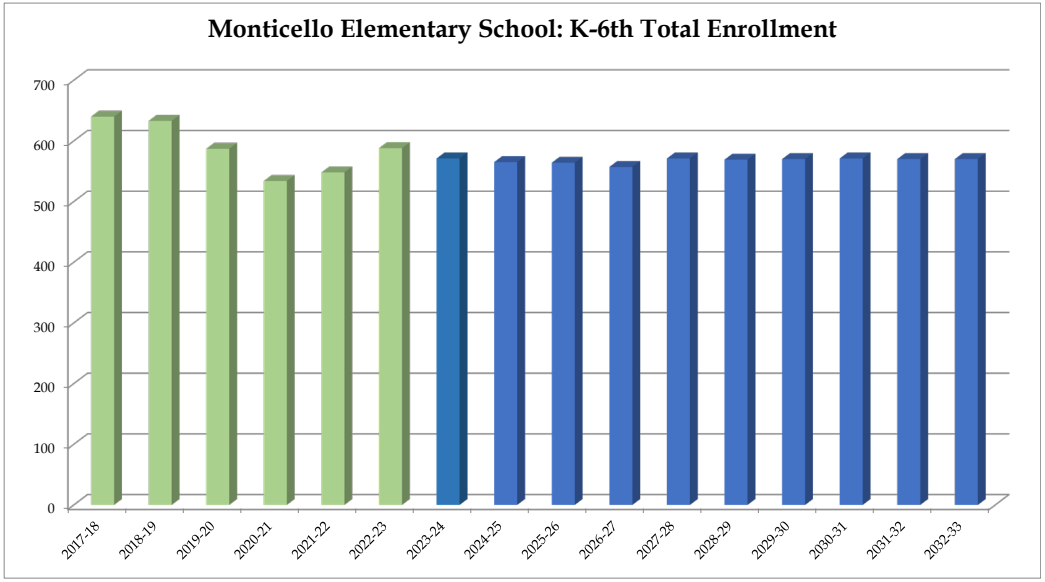


Monticello Elementary School

	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33
K	82	82	76	53	77	76	76	77	76	77	77	77	77	77	76	76
1	96	88	75	77	62	83	79	79	80	79	80	80	80	80	80	79
2	90	93	81	73	84	68	84	80	80	81	80	81	81	81	81	81
3	80	94	95	87	71	92	71	87	83	83	84	83	84	84	84	84
4	93	62	89	87	87	78	87	67	82	79	79	80	79	80	80	80
5	105	95	72	84	94	90	82	91	70	86	83	83	84	83	84	84
6	94	119	99	73	73	101	92	84	93	72	88	85	85	86	85	86
Total K-6	**640**	**633**	**587**	**534**	**548**	**588**	**571**	**565**	**564**	**557**	**571**	**569**	**570**	**571**	**570**	**570**

Total K-6	**640**	**633**	**587**	**534**	**548**	**588**	**571**	**565**	**564**	**557**	**571**	**569**	**570**	**571**	**570**	**570**
Change		-7	-46	-53	14	40	-17	-6	-1	-7	14	-2	1	1	-1	0
% Change		-1.1%	-7.3%	-9.0%	2.6%	7.3%	-2.9%	-1.1%	-0.2%	-1.2%	2.5%	-0.4%	0.2%	0.2%	-0.2%	0.0%

Forecasts developed December 2022
Green cells (2022-2023 and earlier) are historical data
Blue cells (2023-2024 and later) are forecasted years

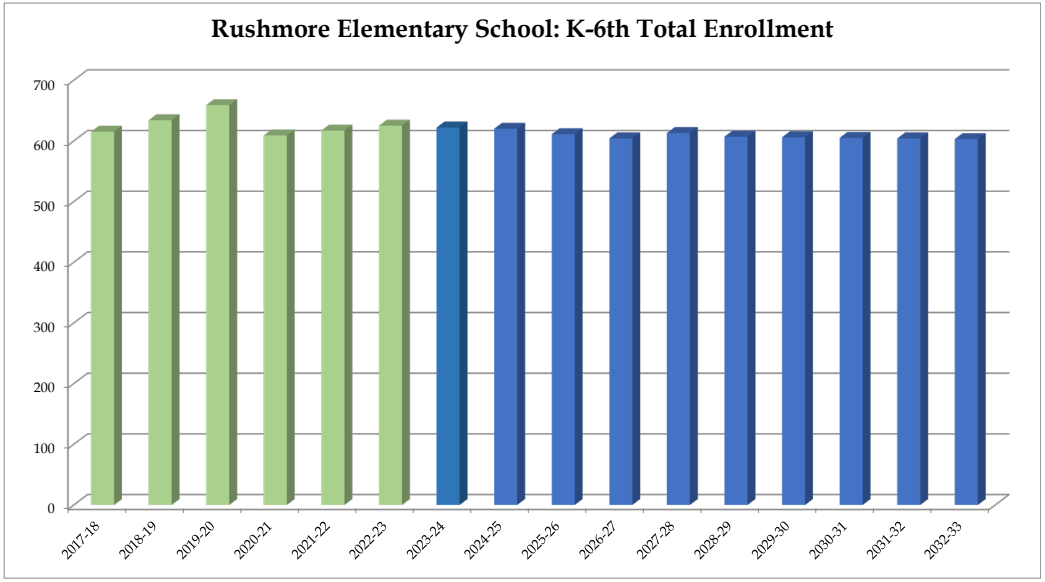


Rushmore Elementary School

	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33
K	115	91	100	77	81	92	89	87	89	87	87	87	87	87	86	87
1	92	93	86	92	78	90	84	84	83	84	83	83	83	83	83	82
2	87	90	92	84	93	75	88	83	83	82	83	82	82	82	82	82
3	78	96	87	83	91	88	75	88	83	83	82	83	82	82	82	82
4	89	84	100	87	91	98	93	79	93	88	88	87	88	87	87	87
5	80	93	106	94	89	91	103	98	83	98	93	93	92	93	92	92
6	74	87	88	92	94	91	90	101	97	82	97	92	92	91	92	91
Total K-6	**615**	**634**	**659**	**609**	**617**	**625**	**622**	**620**	**611**	**604**	**613**	**607**	**606**	**605**	**604**	**603**

Total K-6	**615**	**634**	**659**	**609**	**617**	**625**	**622**	**620**	**611**	**604**	**613**	**607**	**606**	**605**	**604**	**603**
Change		19	25	-50	8	8	-3	-2	-9	-7	9	-6	-1	-1	-1	-1
% Change		3.1%	3.9%	-7.6%	1.3%	1.3%	-0.5%	-0.3%	-1.5%	-1.1%	1.5%	-1.0%	-0.2%	-0.2%	-0.2%	-0.2%

Forecasts developed December 2022
Green cells (2022-2023 and earlier) are historical data
Blue cells (2023-2024 and later) are forecasted years

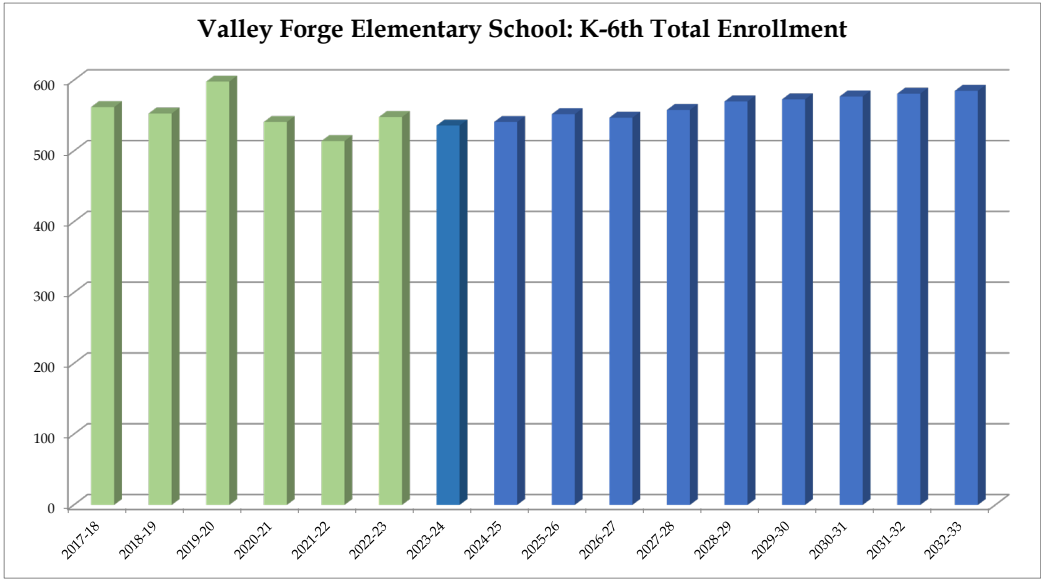


Valley Forge Elementary School

	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33
K	88	67	99	65	67	99	80	80	81	81	83	83	84	85	85	86
1	67	75	74	86	68	69	78	78	78	79	79	80	80	81	82	82
2	79	71	82	63	88	72	70	79	79	79	80	80	81	81	82	83
3	87	81	73	77	57	84	70	68	77	77	77	78	78	79	79	80
4	100	92	85	74	75	72	90	75	73	83	83	83	84	84	85	85
5	70	89	94	83	76	75	71	88	74	72	82	82	82	83	83	84
6	71	78	91	93	83	77	77	73	90	76	74	84	84	84	85	85
Total K-6	**562**	**553**	**598**	**541**	**514**	**548**	**536**	**541**	**552**	**547**	**558**	**570**	**573**	**577**	**581**	**585**

Total K-6	**562**	**553**	**598**	**541**	**514**	**548**	**536**	**541**	**552**	**547**	**558**	**570**	**573**	**577**	**581**	**585**
Change		-9	45	-57	-27	34	-12	5	11	-5	11	12	3	4	4	4
% Change		-1.6%	8.1%	-9.5%	-5.0%	6.6%	-2.2%	0.9%	2.0%	-0.9%	2.0%	2.2%	0.5%	0.7%	0.7%	0.7%

Forecasts developed December 2022
Green cells (2022-2023 and earlier) are historical data
Blue cells (2023-2024 and later) are forecasted years

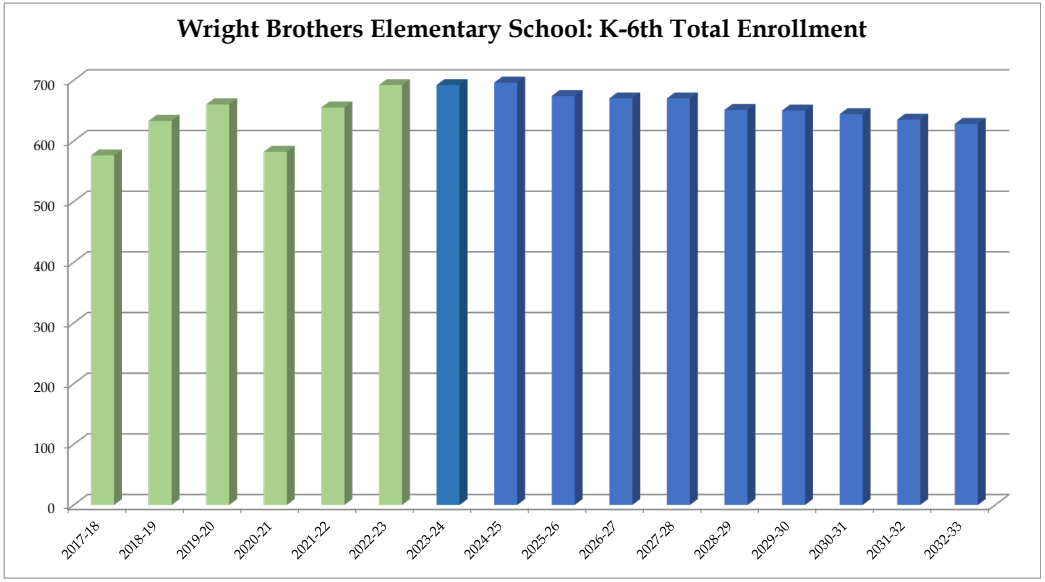


Wright Brothers Elementary School

	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33
K	78	101	89	70	94	104	85	87	84	85	83	82	81	79	78	77
1	87	86	106	88	76	103	87	90	92	89	90	88	87	86	84	83
2	83	85	99	85	99	89	108	91	94	96	93	94	92	91	90	88
3	76	90	92	85	114	99	95	114	95	98	100	97	98	96	95	94
4	90	76	98	82	91	114	99	94	112	93	96	98	95	96	94	93
5	81	104	79	94	82	99	118	102	96	114	95	98	100	97	98	96
6	81	91	97	78	99	84	100	118	101	95	113	94	97	99	96	97
Total K-6	**576**	**633**	**660**	**582**	**655**	**692**	**692**	**696**	**674**	**670**	**670**	**651**	**650**	**644**	**635**	**628**

Total K-6	**576**	**633**	**660**	**582**	**655**	**692**	**692**	**696**	**674**	**670**	**670**	**651**	**650**	**644**	**635**	**628**
Change		57	27	-78	73	37	0	4	-22	-4	0	-19	-1	-6	-9	-7
% Change		9.9%	4.3%	-11.8%	12.5%	5.6%	0.0%	0.6%	-3.2%	-0.6%	0.0%	-2.8%	-0.2%	-0.9%	-1.4%	-1.1%

Forecasts developed December 2022
Green cells (2022-2023 and earlier) are historical data
Blue cells (2023-2024 and later) are forecasted years



Weisenborn Junior High School

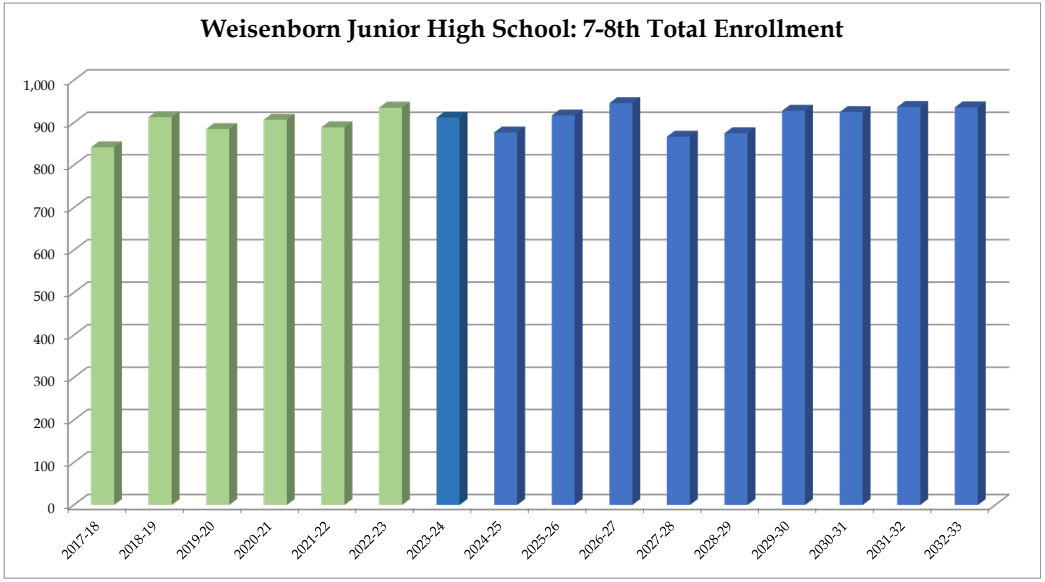
	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33
7	447	449	458	445	447	471	443	440	488	470	408	473	457	465	469	464
8	395	464	427	462	442	464	469	437	429	476	459	402	471	460	468	472
Total 7-8	**842**	**913**	**885**	**907**	**889**	**935**	**912**	**877**	**917**	**946**	**867**	**875**	**928**	**925**	**937**	**936**

Total 7-8	**842**	**913**	**885**	**907**	**889**	**935**	**912**	**877**	**917**	**946**	**867**	**875**	**928**	**925**	**937**	**936**
Change		71	-28	22	-18	46	-23	-35	40	29	-79	8	53	-3	12	-1
% Change		8.4%	-3.1%	2.5%	-2.0%	5.2%	-2.5%	-3.8%	4.6%	3.2%	-8.4%	0.9%	6.1%	-0.3%	1.3%	-0.1%

Forecasts developed December 2022

Green cells (2022-2023 and earlier) are historical data

Blue cells (2023-2024 and later) are forecasted years

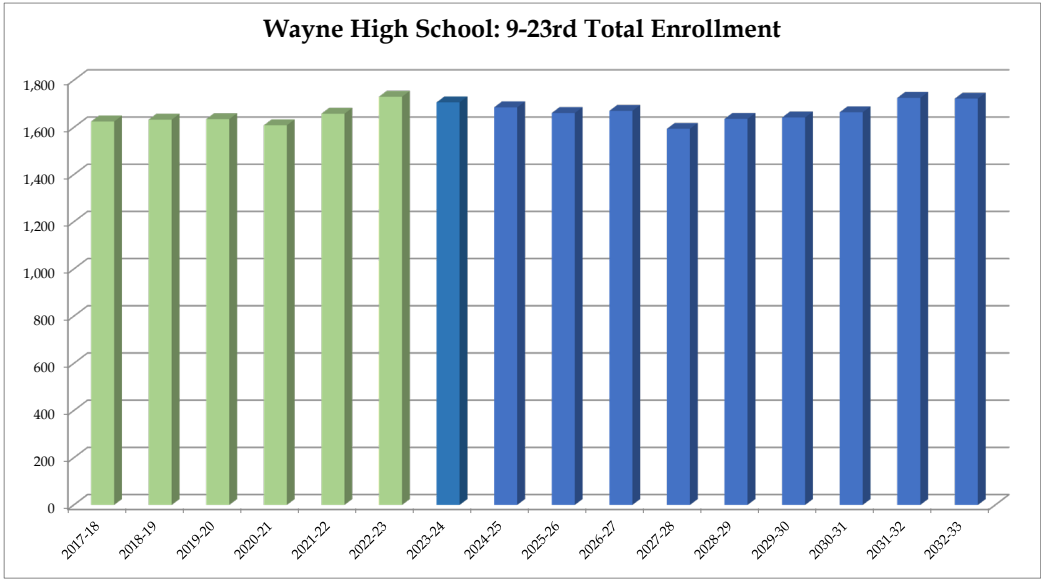


Wayne High School

	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33
9	515	501	531	428	474	482	509	473	524	505	438	507	490	499	502	498
10	422	447	439	466	431	498	446	466	428	475	457	401	469	459	467	470
11	336	345	342	341	390	348	394	348	359	330	366	357	317	376	368	374
12	345	330	308	364	352	386	342	383	335	345	318	356	351	315	373	365
23	7	10	15	10	11	16	15	15	15	15	15	15	15	15	15	15
Total 9-23	**1,625**	**1,633**	**1,635**	**1,609**	**1,658**	**1,730**	**1,706**	**1,685**	**1,661**	**1,670**	**1,594**	**1,636**	**1,642**	**1,664**	**1,725**	**1,722**

Total 9-23	**1,625**	**1,633**	**1,635**	**1,609**	**1,658**	**1,730**	**1,706**	**1,685**	**1,661**	**1,670**	**1,594**	**1,636**	**1,642**	**1,664**	**1,725**	**1,722**
Change		8	2	-26	49	72	-24	-21	-24	9	-76	42	6	22	61	-3
% Change		0.5%	0.1%	-1.6%	3.0%	4.3%	-1.4%	-1.2%	-1.4%	0.5%	-4.6%	2.6%	0.4%	1.3%	3.7%	-0.2%

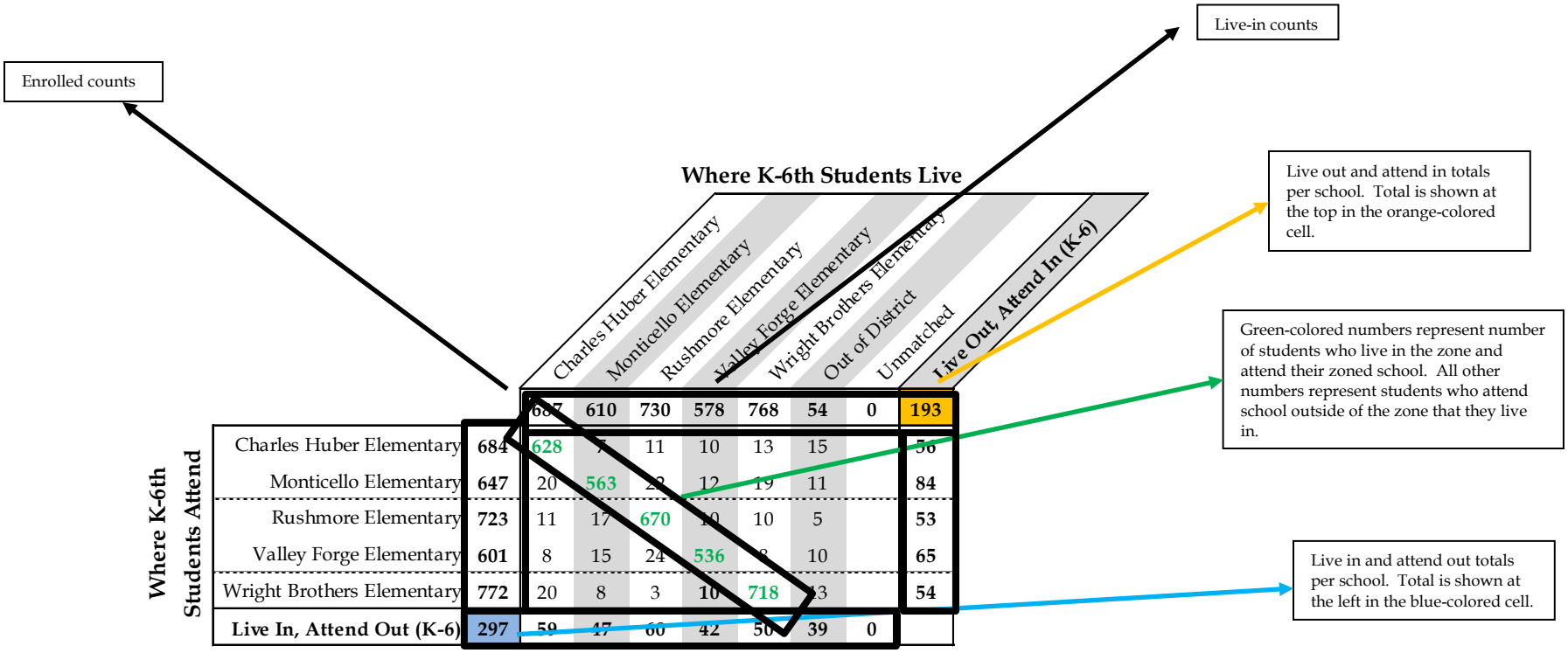
Forecasts developed December 2022
Green cells (2022-2023 and earlier) are historical data
Blue cells (2023-2024 and later) are forecasted years



Appendix E: Live Attend Matrix

The following tables display where students live and attend relative to school zones. The schools of attendance are listed on the left while the zones are listed on the top. This student data is from the Huber Heights City Schools student database, dated November 14, 2022.

The first column of numbers to the right of the schools of attendance represents the number of students enrolled at each given school. The first row of numbers below the zones represents the total number of students living inside of each given zone. The green-colored numbers represent number of students who attend the school of the zone in which they live. All other numbers represent students who attend school outside of the zone in which they live. The bottom row represents the number of students that "Live-In and Attend-Out" by school. The blue-colored cell shows the total number of students that "Live-in and Attend-Out". The farthest right column represents the number of students that "Live-Out and Attend-In" by school. The orange-colored cell shows the total number of students that "Live-Out and Attend-In".



Where K-6th Students Attend		Charles Huber Elementary	Monticello Elementary	Rushmore Elementary	Valley Forge Elementary	Wright Brothers Elementary	Out of District	Unmatched	Live Out, Attend In (K-6)
		687	**610**	**730**	**578**	**768**	**54**	**0**	**193**
Charles Huber Elementary	**684**	**628**	7	11	10	13	15		**56**
Monticello Elementary	**647**	20	**563**	28	12	19	11		**84**
Rushmore Elementary	**723**	11	17	**670**	10	10	5		**53**
Valley Forge Elementary	**601**	8	15	24	**536**	8	10		**65**
Wright Brothers Elementary	**772**	20	8	3	10	**718**	13		**54**
Live In, Attend Out (K-6)	**297**	**59**	**47**	**60**	**42**	**50**	**39**	**0**	

Where K-6th Students Live

Where K-6th Students Attend		Charles Huber Elementary	Monticello Elementary	Rushmore Elementary	Valley Forge Elementary	Wright Brothers Elementary	Out of District	Unmatched	Live Out, Attend In (K-6)
		687	**610**	**730**	**578**	**768**	**54**	**0**	**193**
Charles Huber Elementary	**684**	**628**	7	11	10	13	15		**56**
Monticello Elementary	**647**	20	**563**	22	12	19	11		**84**
Rushmore Elementary	**723**	11	17	**670**	10	10	5		**53**
Valley Forge Elementary	**601**	8	15	24	**536**	8	10		**65**
Wright Brothers Elementary	**772**	20	8	3	10	**718**	13		**54**
Live In, Attend Out (K-6)	**297**	**59**	**47**	**60**	**42**	**50**	**39**	**0**	

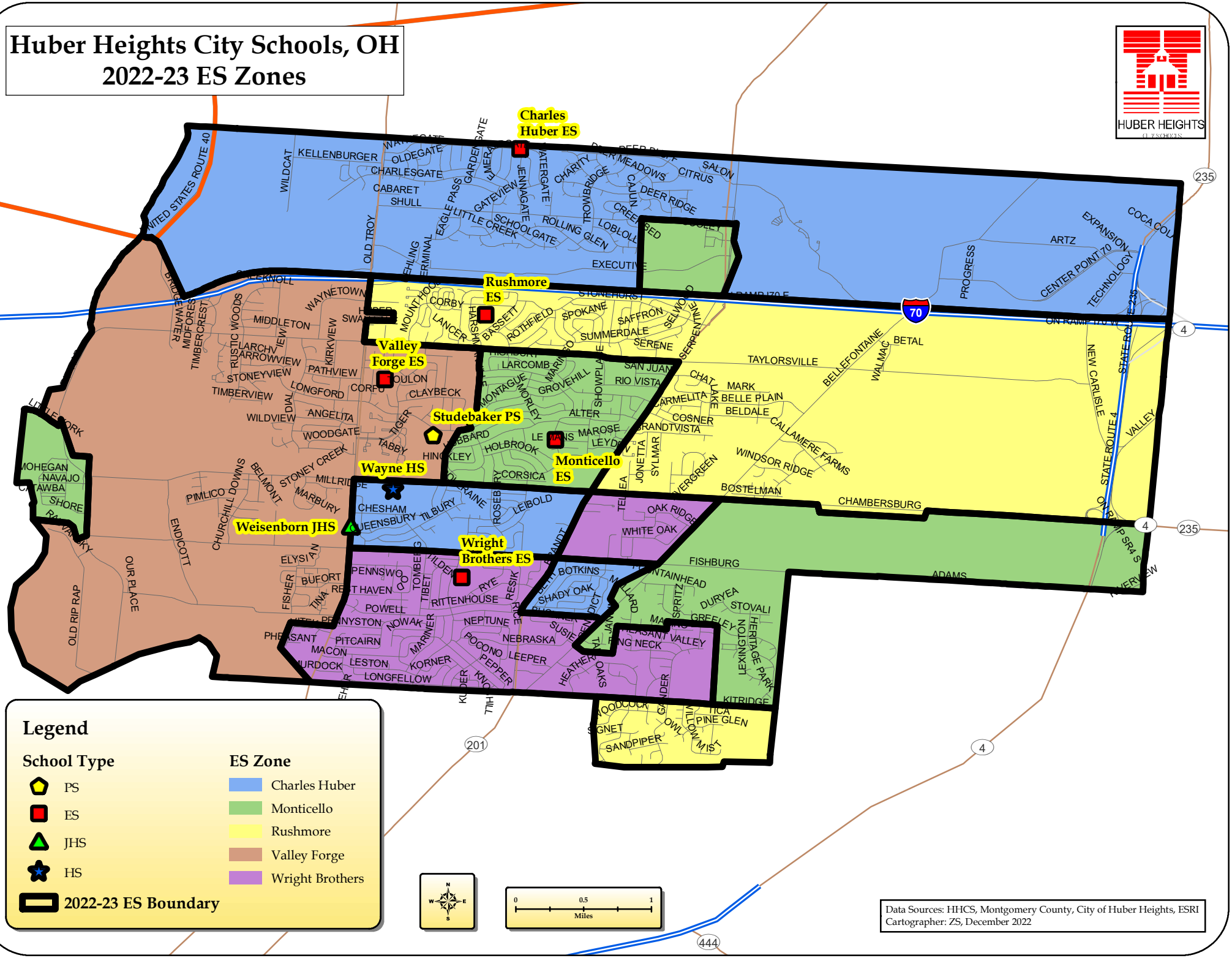
Where 7-8th Students Live

Where 7-8th Students Attend		Weisenborn Junior High School	Out of District	Unmatched	Live Out, Attend In (6-8)
		1064	**16**	**0**	**16**
Weisenborn Junior High School	**1080**	**1064**	16		**16**
Live In, Attend Out (7-8)	**1080**	**0**			

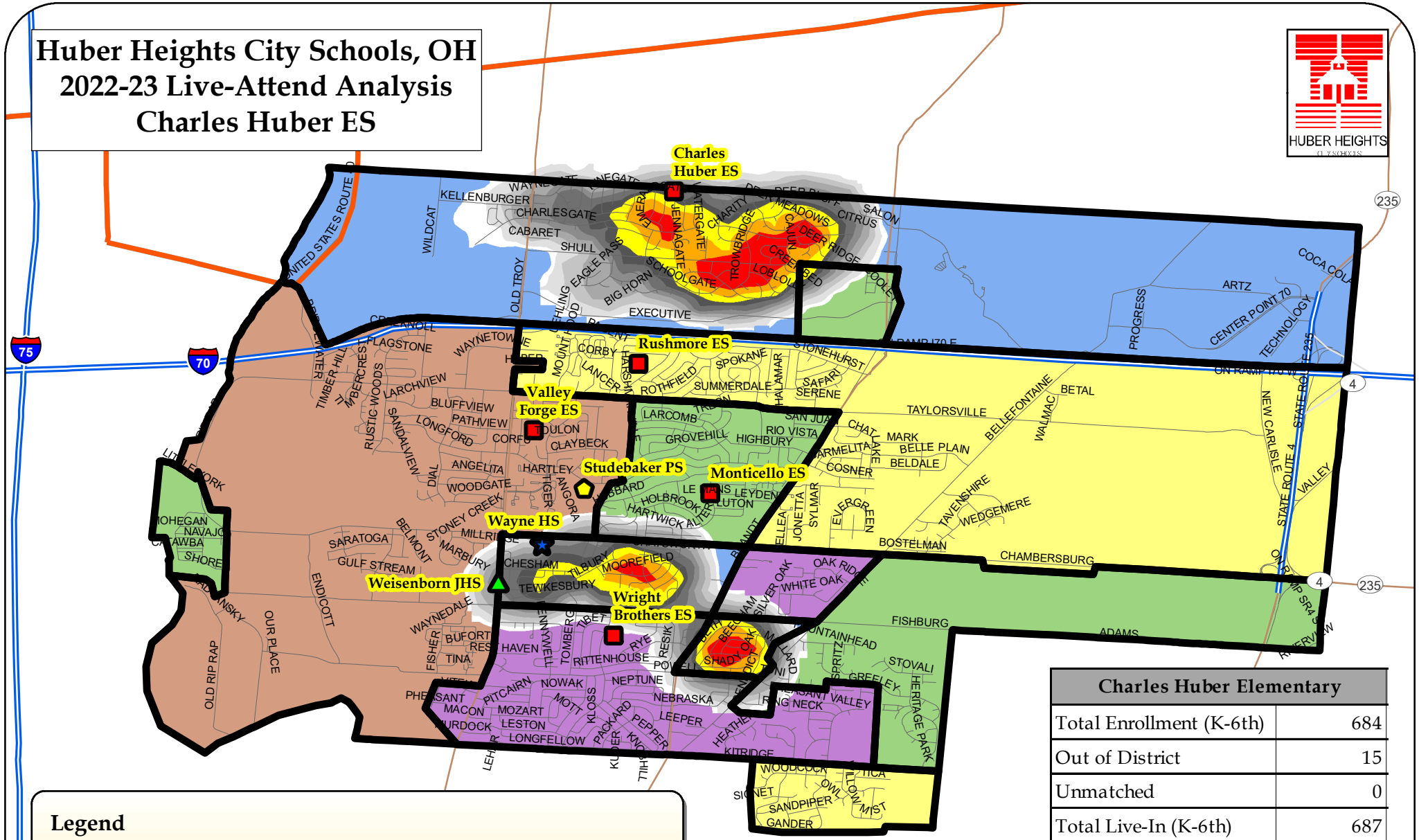
Where 9-12th Students Live

Where 9-12th Students		Wayne High School	Out of District	Unmatched	Live Out, Attend In (9-12)
		2096	**44**	**2**	**44**
Wayne High School	**2142**	**2096**	44	2	**44**
Live In, Attend Out (9-12)	**0**	**0**			

Huber Heights City Schools, OH
2022-23 ES Zones



Huber Heights City Schools, OH
2022-23 Live-Attend Analysis
Charles Huber ES



Legend

School Type

- PS
- ES
- JHS
- HS

2022-23 ES Boundary

ES Zone

- Charles Huber
- Monticello
- Rushmore
- Valley Forge
- Wright Brothers

Student Density
(Quantile Classification)

- 69 - 88
- 58 - 68
- 48 - 57
- 42 - 47
- 34 - 41
- 28 - 33
- 21 - 27
- 15 - 20
- 9 - 14
- 6 - 8

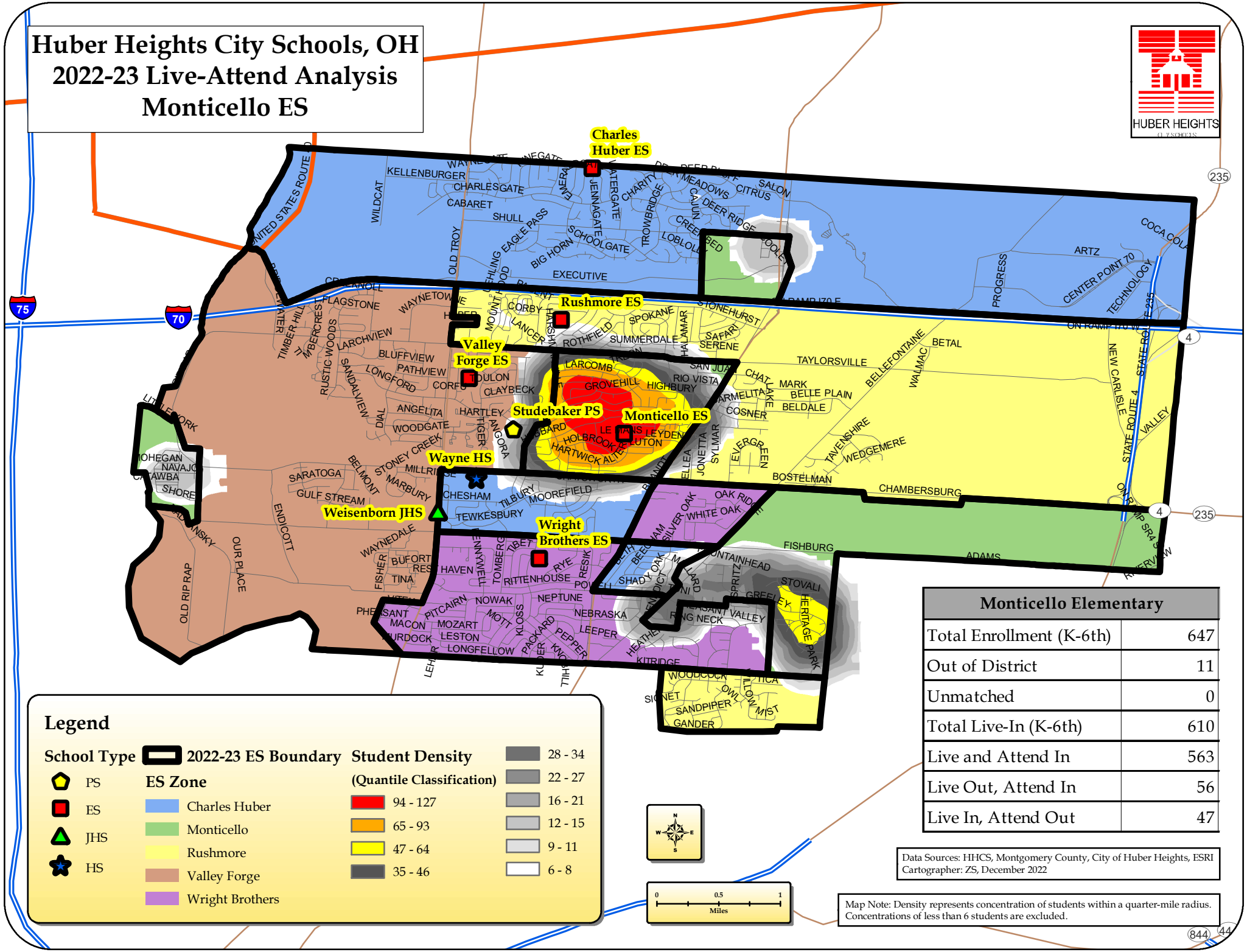
Charles Huber Elementary	
Total Enrollment (K-6th)	684
Out of District	15
Unmatched	0
Total Live-In (K-6th)	687
Live and Attend In	628
Live Out, Attend In	56
Live In, Attend Out	59

Data Sources: HHCS, Montgomery County, City of Huber Heights, ESRI
Cartographer: ZS, December 2022

Map Note: Density represents concentration of students within a quarter-mile radius. Concentrations of less than 6 students are excluded.

0 0.5 1 Miles

Huber Heights City Schools, OH
2022-23 Live-Attend Analysis
Monticello ES

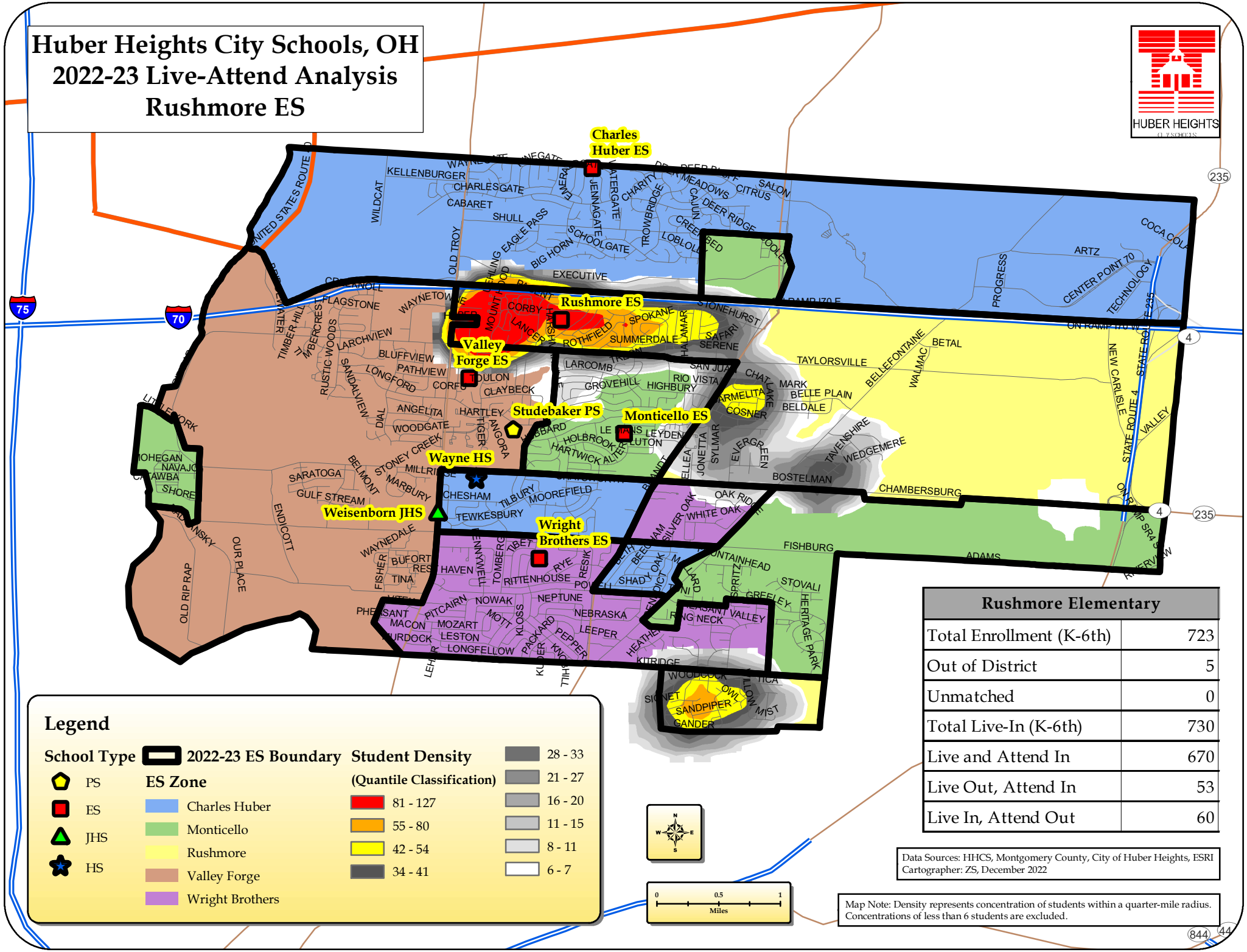


Monticello Elementary	
Total Enrollment (K-6th)	647
Out of District	11
Unmatched	0
Total Live-In (K-6th)	610
Live and Attend In	563
Live Out, Attend In	56
Live In, Attend Out	47

Data Sources: HHCS, Montgomery County, City of Huber Heights, ESRI
Cartographer: ZS, December 2022

Map Note: Density represents concentration of students within a quarter-mile radius. Concentrations of less than 6 students are excluded.

Huber Heights City Schools, OH
2022-23 Live-Attend Analysis
Rushmore ES



Rushmore Elementary	
Total Enrollment (K-6th)	723
Out of District	5
Unmatched	0
Total Live-In (K-6th)	730
Live and Attend In	670
Live Out, Attend In	53
Live In, Attend Out	60

Legend

School Type
- PS
- ES
- JHS
- HS

2022-23 ES Boundary

ES Zone
- Charles Huber
- Monticello
- Rushmore
- Valley Forge
- Wright Brothers

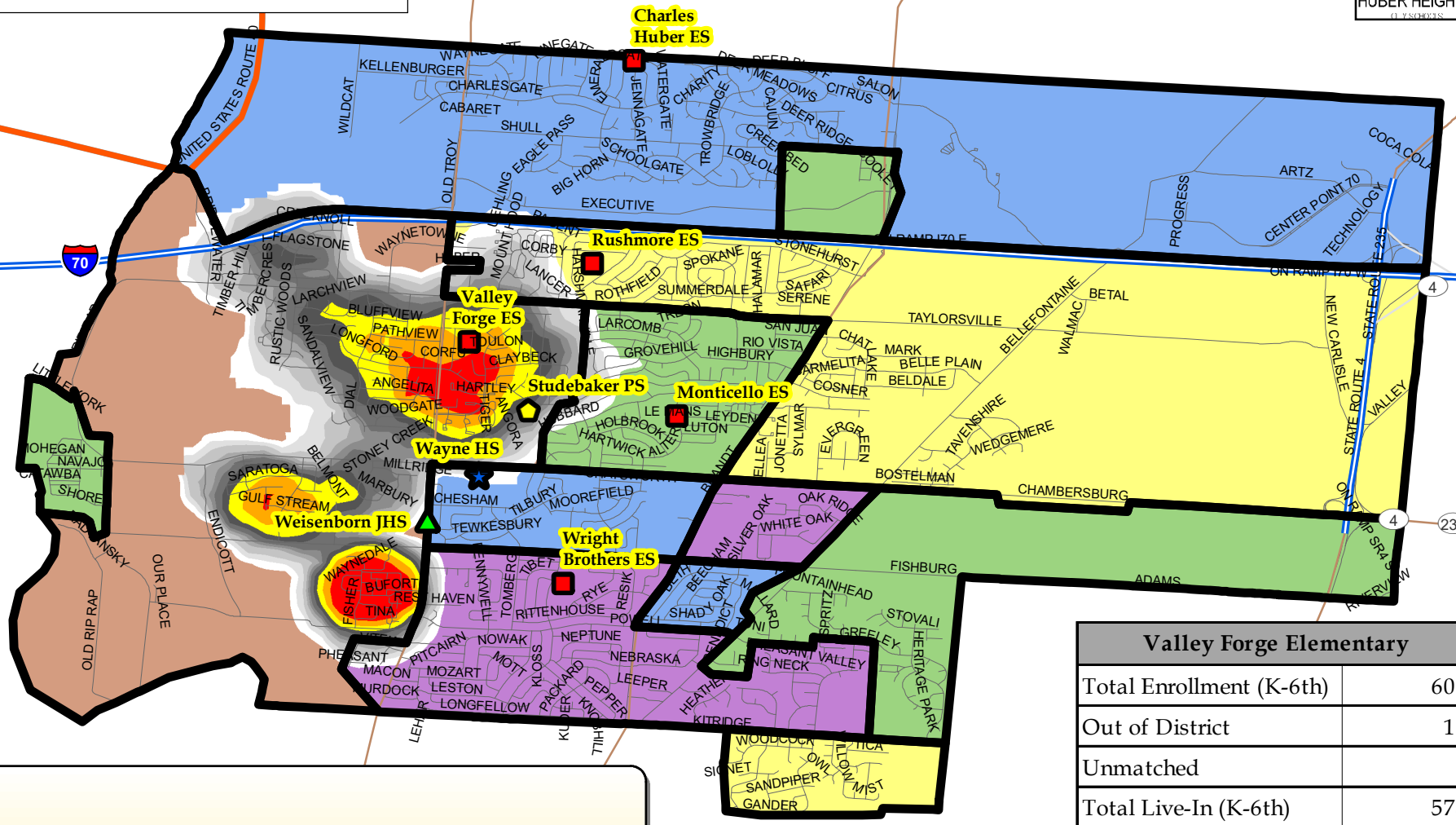
Student Density (Quantile Classification)
- 81 - 127
- 55 - 80
- 42 - 54
- 34 - 41
- 28 - 33
- 21 - 27
- 16 - 20
- 11 - 15
- 8 - 11
- 6 - 7

0 0.5 1 Miles

Data Sources: HHCS, Montgomery County, City of Huber Heights, ESRI
Cartographer: ZS, December 2022

Map Note: Density represents concentration of students within a quarter-mile radius. Concentrations of less than 6 students are excluded.

Huber Heights City Schools, OH
2022-23 Live-Attend Analysis
Valley Forge ES

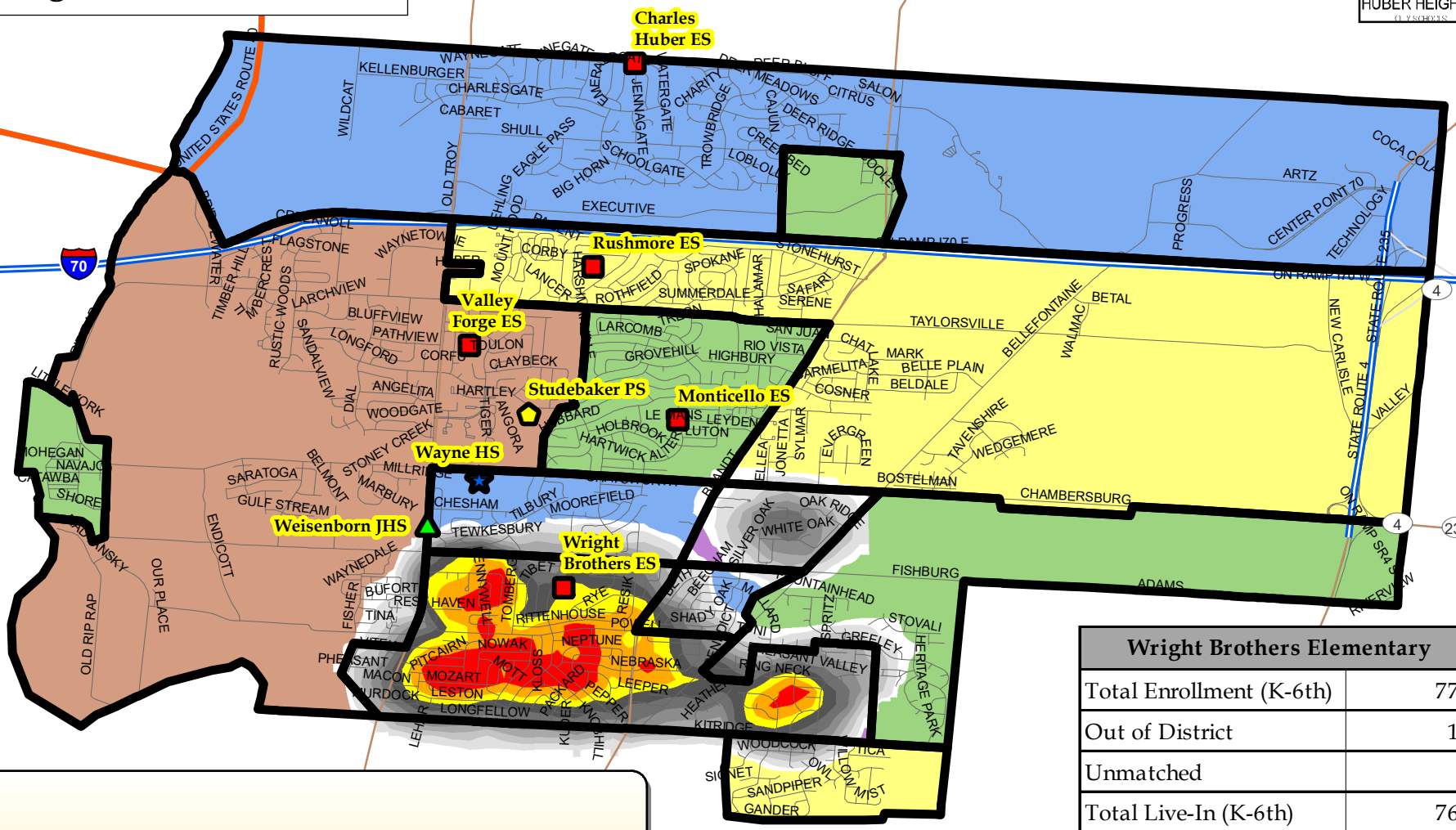


Valley Forge Elementary	
Total Enrollment (K-6th)	601
Out of District	10
Unmatched	0
Total Live-In (K-6th)	578
Live and Attend In	536
Live Out, Attend In	65
Live In, Attend Out	42

Data Sources: HHCS, Montgomery County, City of Huber Heights, ESRI
Cartographer: ZS, December 2022

Map Note: Density represents concentration of students within a quarter-mile radius. Concentrations of less than 6 students are excluded.

Huber Heights City Schools, OH
2022-23 Live-Attend Analysis
Wright Brothers ES



Wright Brothers Elementary	
Total Enrollment (K-6th)	772
Out of District	13
Unmatched	0
Total Live-In (K-6th)	768
Live and Attend In	718
Live Out, Attend In	54
Live In, Attend Out	50

Legend

School Type
- PS
- ES
- JHS
- HS

2022-23 ES Boundary

ES Zone
- Charles Huber
- Monticello
- Rushmore
- Valley Forge
- Wright Brothers

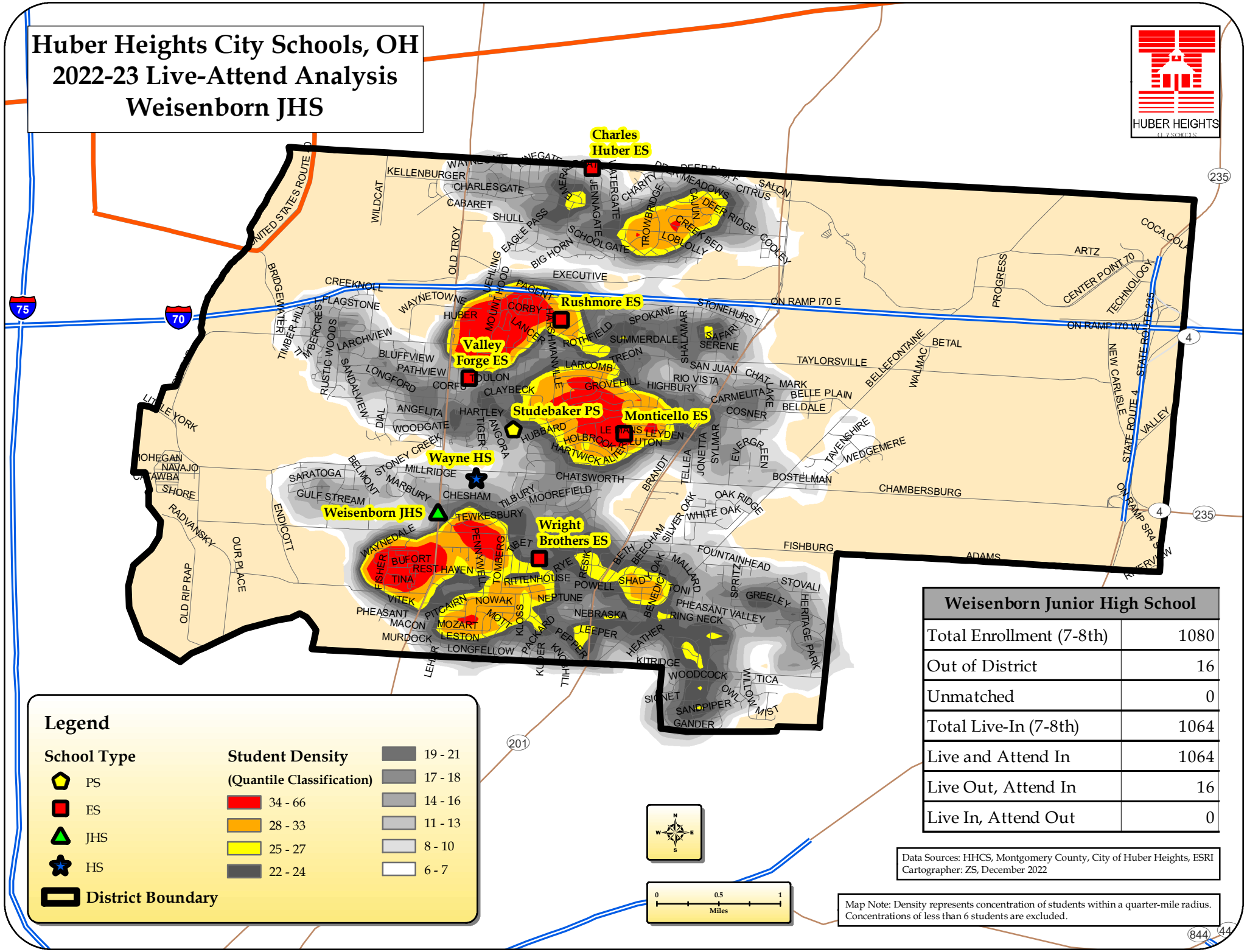
Student Density
(Quantile Classification)
- 87 - 108
- 75 - 86
- 65 - 74
- 53 - 64
- 43 - 52
- 34 - 42
- 26 - 33
- 18 - 25
- 10 - 17
- 6 - 9

0 0.5 1 Miles

Data Sources: HHCS, Montgomery County, City of Huber Heights, ESRI
Cartographer: ZS, December 2022

Map Note: Density represents concentration of students within a quarter-mile radius. Concentrations of less than 6 students are excluded.

Huber Heights City Schools, OH
2022-23 Live-Attend Analysis
Weisenborn JHS

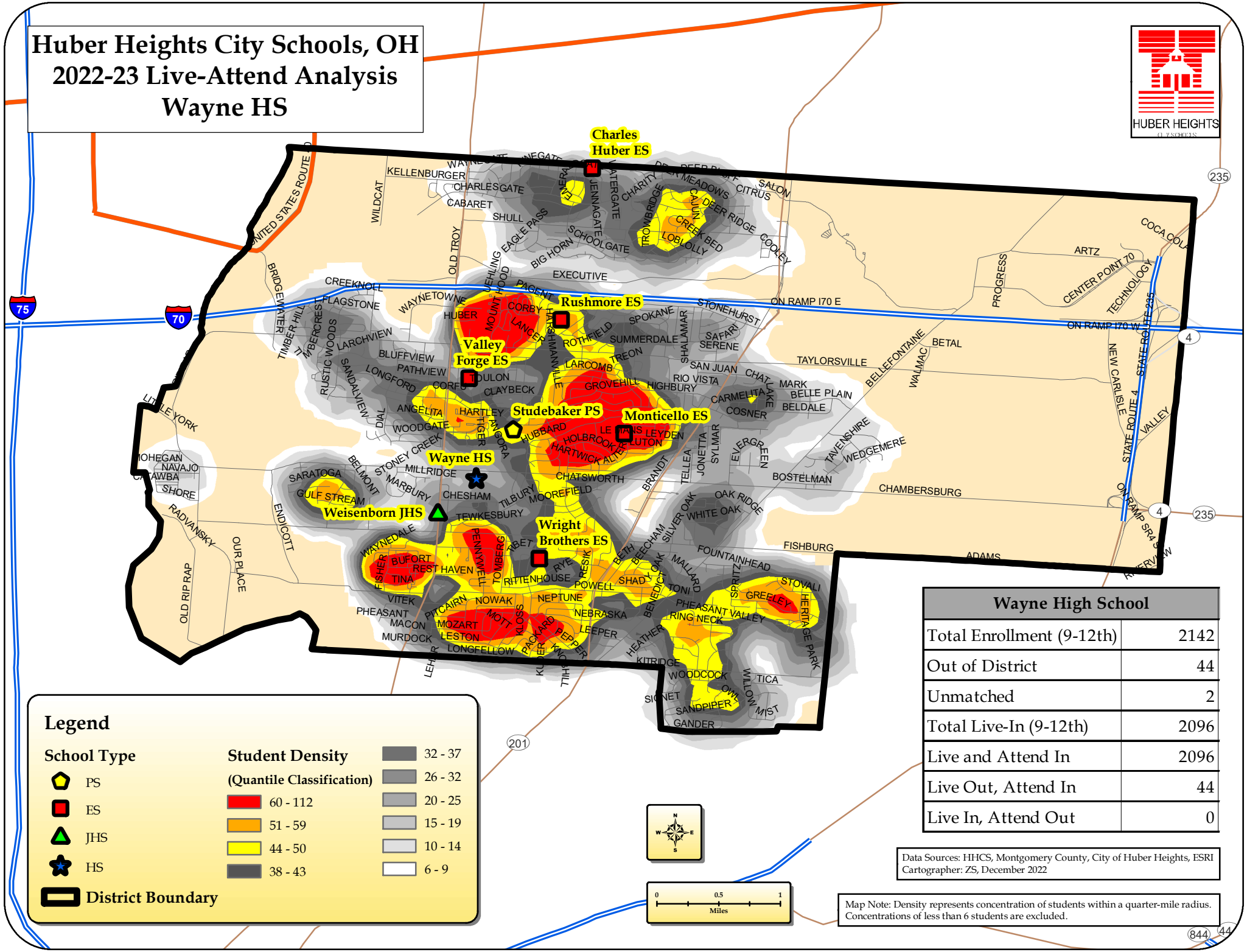


Weisenborn Junior High School	
Total Enrollment (7-8th)	1080
Out of District	16
Unmatched	0
Total Live-In (7-8th)	1064
Live and Attend In	1064
Live Out, Attend In	16
Live In, Attend Out	0

Data Sources: HHCS, Montgomery County, City of Huber Heights, ESRI
Cartographer: ZS, December 2022

Map Note: Density represents concentration of students within a quarter-mile radius. Concentrations of less than 6 students are excluded.

Huber Heights City Schools, OH
2022-23 Live-Attend Analysis
Wayne HS



Wayne High School	
Total Enrollment (9-12th)	2142
Out of District	44
Unmatched	2
Total Live-In (9-12th)	2096
Live and Attend In	2096
Live Out, Attend In	44
Live In, Attend Out	0

Data Sources: HHCS, Montgomery County, City of Huber Heights, ESRI
Cartographer: ZS, December 2022

Map Note: Density represents concentration of students within a quarter-mile radius. Concentrations of less than 6 students are excluded.

Appendix F: Active Major Housing Projects

Elementary School Zone	Project	Activity Description	Status
Valley Forge	Villages of Westport	291 Single-Family Detached	Delayed
	Hayden Run Apartments	300 Apartments (1 and 2 bedroom)	Under construction
Charles Huber	Gables of Huber Heights	74 Townhouses	Under construction
	Homestead Apartments	192 Apartments (1 and 2 bedroom)	Will be under construction Q1 2023
	Homestead Senior Apartments	135 Apartments (Age restricted)	Will be under construction Q1 2023
Rushmore	Callamere Farms	14 Single-Family Detached	Last section
Monticello	Waverly Subdivision	97 Single-Family Detached and 34 2-unit buildings	Will be under construction Q1 2023

Source: Aaron K. Sorrell, AICP, Community Planning Insights, Dayton, Ohio 45405, www.cpi-planning.com, 937-331-8333, aaron.sorrell@cpi-planning.com

Note: This list is a planning tool. This is not a list of projects that will definitely be constructed in totality

Huber Heights City Schools, OH
Active Major Housing Projects