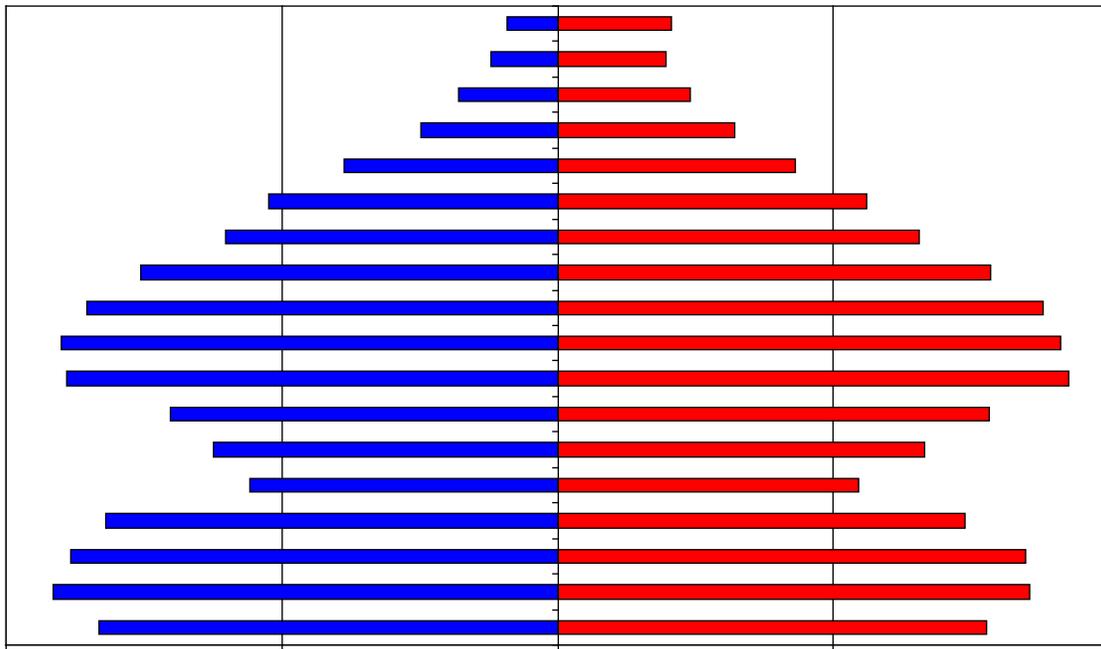




# Newton Public Schools, MA

## 2023-24 Demographic Study Report



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Executive Summary

1. The Newton Public Schools will experience steady population and enrollment decline over the next five years, primarily due to a growing number of empty nest households, a low number of births, and relatively large 12<sup>th</sup> grade cohorts leaving the school system and the area.
2. Total district enrollment is forecasted to decrease by 442 students, or 3.8%, from Academic Year 2023-24 through AY 2028-29. Total enrollment is expected to increase by 121 students, or 1.1%, from AY2028-29 through AY2033-34.
3. The **resident** total fertility rate for the Newton Public Schools over the life of the forecasts is below replacement level (1.63 vs. the replacement level of 2.1).
4. The dominant in-migration flow to the district continues to occur in the 0-to-9 and 25-to-44-year-old age groups. These tend to be young families with school age or pre-school age children, which helps increase the size of the district's relatively small 0-4 age groups.
5. The largest out-migration flow occurs when the local 18-to-24-year-old population leaves the district, going to college or moving to other urbanized areas. This population group accounts for the largest segment of the district's out migration flow and will increase steadily over the next 10 years. The second largest migration outflow is in the 70+ age groups downsizing from their housing units.
6. The primary factors causing the Newton Public Schools enrollment to increase after 2028 is the increase in new households the district, the relatively high number of elderly housing units turning over coupled with a sustained rate of in-migration of young families.
7. Changes in year-to-year enrollment over the next five years will primarily be due to small cohorts entering and moving through the school system in conjunction with larger cohorts leaving the system.
8. The average size of the graduating 12th grade class in the Newton Public Schools district will be 1,005 students from AY2024 to AY2028. This compares to 995 over the last five school years.
9. The total elementary enrollment will slowly decrease over the next four school years, then begin to increase.
10. The median age of the population in the Newton Public Schools district will increase from 41.7 years in 2020 to 42.5 in 2035 confirming the continuation of the district's aging trend.
11. The average household size in the Newton Public Schools district increased from 2.50 in 2010 to 2.61 in 2020 which helps explain why the district is experiencing a larger under 18 population from their housing units. This trend helped to somewhat offset the impact of the district's low number of births.
12. 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.

## INTRODUCTION

Newton Public Schools is a suburban school district in the western part of the Boston, Massachusetts metropolitan area. It has ready and convenient access to I-90, I-95 and MA Route 9, allowing commuters easy access to jobs in the urban core areas. The district is also serviced by commuter rail into the center of Boston. The district is also in close proximity to the economic development occurring in the high-tech corridor. There is also a substantial college age population due to the fact that Boston College is located in the district. The district has experienced population and enrollment growth until 2018. These increases have been fueled primarily by the in-migration of households from other parts of the greater Boston metropolitan area and an increase in available housing stock. Since 2018 the district's enrollment has been greatly affected by the growing number of empty nest households.

To gain a complete picture of the demographic dynamics of a school district and its individual attendance areas, a multitude of variables must be examined and considered. These variables include, but are not limited to, rates of in-migration and new housing starts, the age structure of the population, the rate and magnitude of existing home sales, the area's fertility rate and number of births, the proportion of owner-occupied home versus renters, mortality rates, the rates and ages of the out-migrating population, and trends in household structure. These variables that impact demographic changes can have both positive and negative impacts on population and enrollment trends.

Therefore, to develop the population forecast models, past migration patterns, current age specific fertility patterns, the magnitude and dynamics of the gross and net migration, the current 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 primary variables.

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 market trends or migration patterns) while a forecast results when a projection is modified by reasoning to take into account the aforementioned (and other) 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 is influenced by a variety of factors. Not all factors will influence the entire school district or its attendance areas 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 predict likely changes more accurately. 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 or its attendance areas, realistic suppositions must be made as to what the future will bring in terms of age specific fertility, mortality, and migration rates as well as the residents' demographic behavior at certain points of the life course. The demographic history of the Newton Public Schools and its interplay with the social and economic history of the Greater Boston Metropolitan 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 identical demographic characteristics or undergo demographics changes at exactly the same rate.

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, new state mandates as well as planned economic development and/or financial changes. However, in this case the results of these population and enrollment forecasts 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 Newton Public Schools. Because 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 Newton Public Schools provided enrollments by grade and attendance center for the school years 2018-19 to 2023-24. Birth and death data for the years 2015 through 2022 were obtained from the Massachusetts Department of Health. The net migration values were calculated using Internal Revenue Service migration reports for the years 2015 through 2020. The data used for the calculation of migration models came from the United States Bureau of the Census, 2010 to 2020, and the models were designed using demographic and economic factors. The base age-sex population counts used are from the results of the 2020 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. (None of the elementary attendance areas in the district has a population that exceeds 60,000.) For example, given the sampling framework used by the Census Bureau, each year only 1,000 of the over 31,000 current households in the district would have been included. For comparison 4,500 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 results from the last five years must be aggregated to produce the tract and block group estimates.

## ASSUMPTIONS

For these forecasts, the mortality probabilities are held constant at the levels calculated for the year 2019 (pre COVID-19 levels). 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 fall 2033. (At this point in time, there is insufficient data at the geographic and age levels needed for these forecasts of the impacts of COVID-19 on mortality rates. We assume that most areas will return to their traditional mortality rate levels by 2024.) 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 drop 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 childbearing ages (particularly ages 20-29) rather than any fluctuation in an area's fertility rate. While there was a significant decline in the number of births in most regions of the United States in 2020 and 2021 due to the impact of COVID-19, as well as a small "bounce back" in 2022, we assume that after 2023 fertility rates will resume their pre-COVID trends.

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 1.63 for the total district for the ten years of the population forecasts. A TFR of 2.1 births per woman is considered 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 slightly below the level needed to maintain the current level of population and enrollment within Newton Public Schools over the course of the forecast period. At the current TFR and given the number of women in prime childbearing age in the district (ages 20-34-year-old), the district will consistently see the number of total resident births be on average 240 less than the average enrollment in grade one.

A close examination of data for Newton Public Schools has shown the age specific pattern of net migration will be nearly constant throughout the life of the forecasts. (See Appendix C) While the number of in and out migrants has changed in past years for Newton Public Schools (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 local 18-to-24-year-old age group as young adults leave the area to go to college or move to other urbanized areas. The second group of out-migrants is those householders aged 70 and older who are downsizing their residences. Most of the non-college in-migration occurs in the 0-to-9 and 25-44 age groups (the bulk of which come from areas within 75 miles of Newton Public Schools) primarily consisting of younger adults and their children.

The primary issue regarding the impact of migration on an area's population (and subsequently the enrollment) is to measure the magnitude and demographic characteristics of both the in-migrants and the out-migrants. For example, a district that has a large number of young families moving in would experience an increase in population in the 0-9 and 25-44 age groups thus giving the impression of continuous growth. However, most districts that are seeing in-migration of young families are at the same time experiencing out-migration in the 18-23 and over 65 age groups as graduating high school seniors leave the district and elderly households downsize to other areas.

The size and magnitude of these migration flows can and do change over time given the number of people in the respective age groups. A district that has had a continuous inflow of young families will eventually see an increasing number of out-migrants in the 18-23 age group as larger grade cohorts leave high school, thus reducing the total net migration.

In Newton Public Schools, the change in household size relative to the age structure of the area was closely examined. There was a slight drop in the average household size in most other areas of the country during the last decade. However, the Newton Public Schools experienced an increase in household size (the average household size in the district was 2.61 in 2020 compared to 2.50 in 2010). However, the rate of this increase has been forecasted to slow over the next 10 years. (See Table 2) The decrease in household size is primarily caused by the increase in “empty nest” households. For example, if a household has four people in 2010 (two parents and two late-elementary age children) by 2020 the children will have grown and moved out. Thus, even with the same householder, the size had declined from four to two. In the case of Newton, the relatively large number of elderly households downsizing and leaving the district. (usually one or two person households) were replaced by young householders (often with three or four people per household). This trend was important in offsetting some of the enrollment decline due to the district’s smaller cohort size in the age 0-4 group.

As the Middlesex 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 Newton Public Schools and its attendance areas will remain the same through the year 2033. Below is a list of assumptions and issues that are specific to Newton Public Schools. These issues have been used to modify the population forecast models to predict the impact of these factors more accurately on each area’s population change.

Specifically, the forecasts for Newton Public Schools 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 have risen from their historic lows and will not fluctuate more than two percentage points in the short term; the interest rate for a 30-year fixed home mortgage stays between 5.5% and 7.5% for the 10 years of the forecasts;
- c. The rate of mortgage approval stays at 2023 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 2015-2022 average of Middlesex County for any year in the forecasts;
- f. All currently planned, platted, approved, and permitted housing developments are built out and completed by 2032. All new housing units constructed are occupied by 2033. Speculative new home construction plans are not included;
- g. The average annual unemployment rates for the Middlesex County and the Boston 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 rate of students transferring out of the Newton Public Schools will remain at the AY2018-19 to AY2022-23 average;
- j. The inflation rate for gasoline will stay below 5% per year for the 10 years of the forecasts;
- k. The state of Massachusetts does not change the current policy on open enrollment (unrestricted inter district transfers) or school vouchers anytime in the next 10 years;
- l. There will be no building moratorium within the district;
- m. Businesses within the district and the Newton Public Schools area will remain viable;
- n. There are no new charter schools opened in the district anytime or expansion of existing charter schools over the next 10 years;
- 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 homes sold are those of homeowners over the age of 60;

- q. The district will have at least an average of 1,100 existing home sales per year for the next 10 years;
- r. The district will have at least an average of 50 new single-family housing units constructed per year over the next 10 years;
- s. Private school and home school attendance rates will remain constant at AY2023 levels;
- t. The rate of foreclosures for commercial property remains at the 2015-2022 average for Middlesex County;
- u. The number of students engaging in virtual learning (both within and outside of the district) remains at the AY2023 level.

If a major employer in the district or in the Middlesex County or the Greater Boston Metropolitan Area (particularly in western parts of the 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.), an economic downturn, any additional weakness in the housing market, another pandemic 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 Newton Public Schools that attend college or relocate outside of the district for employment is a significant demographic factor. The strong academic quality of the school district results in a high graduation rate that, in turn, leads to elevated college participation levels. The graduating seniors' departure from the area is a major reason for the extremely high out-migration in the 18-to-24 age group and was considered 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:

- a. a base-year population (here, the 2020 Census population for the Newton Public Schools and its attendance areas);
- b. a set of age-specific fertility rates for the district to be used over the forecast period and its attendance areas;
- c. a set of age-specific survival (mortality) rates for the district and its attendance areas;
- d. a set of age-specific migration rates for the district and its attendance areas; and;
- e. 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, Newton Public Schools is classified as a "small area" population (as compared to the population of the state of Massachusetts 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 Newton Public Schools 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 Newton Public Schools.

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 Newton Public Schools for the period 2020 to 2025. 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 2025 to 2030. The survivorship rates were adjusted again for the period 2030 to 2035 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 accuracy for both the population and enrollment forecasts at the school district level is estimated to be no more than +/- 2.0% for the life of the forecasts.

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**Appendix A: Supplemental Tables**

**Table 1: Forecasted District Total Population Change, 2020 to 2030**

	2020	2025	2020-2025 Change	2030	2025-2030 Change	2020-2030 Change
ANGIER	6,138	6,170	0.5%	6,180	0.2%	0.7%
BOWEN	6,306	6,260	-0.7%	6,240	-0.3%	-1.0%
BURR	5,526	5,710	3.3%	5,840	2.3%	5.7%
CABOT	7,708	7,670	-0.5%	7,640	-0.4%	-0.9%
COUNTRYSIDE	6,688	6,710	0.3%	6,690	-0.3%	0.0%
FRANKLIN	4,298	4,350	1.2%	4,460	2.5%	3.8%
HORACE MANN	5,823	5,880	1.0%	5,940	1.0%	2.0%
LINCOLN-ELIOT	5,520	5,750	4.2%	5,910	2.8%	7.1%
MASON-RICE	5,656	5,720	1.1%	5,730	0.2%	1.3%
MEMORIAL-SPAULDING	7,144	7,050	-1.3%	6,950	-1.4%	-2.7%
PEIRCE	4,166	4,120	-1.1%	4,060	-1.5%	-2.5%
UNDERWOOD	4,592	4,680	1.9%	4,770	1.9%	3.9%
WARD	8,631	8,630	0.0%	8,620	-0.1%	-0.1%
WILLIAMS	4,957	5,000	0.9%	5,000	0.0%	0.9%
ZERVAS	5,693	5,740	0.8%	5,800	1.0%	1.9%
<b>DISTRICT TOTAL</b>	<b>88,847</b>	<b>89,440</b>	<b>0.7%</b>	<b>89,830</b>	<b>0.4%</b>	<b>1.1%</b>

**Table 2: Household Characteristics by Elementary Area, 2020 Census**

	HH w/ Pop Under 18	% HH w/ Pop Under 18	Total Households	Household Population	Persons Per Household
ANGIER	771	36.4%	2,117	5,887	2.78
BOWEN	739	28.0%	2,645	6,244	2.36
BURR	793	37.0%	2,141	5,523	2.58
CABOT	837	30.8%	2,717	6,797	2.50
COUNTRYSIDE	830	32.5%	2,550	6,682	2.62
FRANKLIN	557	36.5%	1,525	4,253	2.79
HORACE MANN	739	33.0%	2,240	5,794	2.59
LINCOLN-ELIOT	627	27.5%	2,282	5,515	2.42
MASON-RICE	733	35.8%	2,046	5,646	2.76
MEMORIAL-SPAULDING	900	34.3%	2,622	7,050	2.69
PEIRCE	538	36.6%	1,471	4,042	2.75
UNDERWOOD	558	30.8%	1,812	4,537	2.50
WARD	631	33.2%	1,897	5,355	2.82
WILLIAMS	479	30.7%	1,560	3,809	2.44
ZERVAS	792	38.6%	2,052	5,644	2.75
<b>DISTRICT TOTAL</b>	<b>10,522</b>	<b>33.2%</b>	<b>31,675</b>	<b>82,779</b>	<b>2.61</b>

**Table 3: Householder Characteristics by Elementary Area, 2020 Census**

	Percentage of Householders aged 35-54	Percentage of Householders aged 65+	Percentage of Householders Who Own Homes
ANGIER	38.1%	32.7%	81.1%
BOWEN	32.4%	40.2%	68.7%
BURR	41.0%	24.5%	64.9%
CABOT	34.9%	32.9%	67.6%
COUNTRYSIDE	35.8%	35.7%	74.1%
FRANKLIN	38.5%	29.4%	72.6%
HORACE MANN	37.9%	29.9%	61.7%
LINCOLN-ELIOT	37.2%	23.9%	42.3%
MASON-RICE	38.1%	33.0%	78.9%
MEMORIAL-SPAULDING	36.0%	36.3%	82.1%
PEIRCE	36.9%	34.7%	68.1%
UNDERWOOD	34.9%	27.6%	59.1%
WARD	34.6%	35.4%	80.7%
WILLIAMS	32.2%	36.5%	56.0%
ZERVAS	41.3%	31.1%	76.1%
<b>DISTRICT TOTAL</b>	<b>36.6%</b>	<b>32.4%</b>	<b>69.2%</b>

**Table 4: Percentage of Households that are Single Person Households and Single Person Households that are over age 65 by Elementary Area, 2020 Census**

	Percentage of Single Person Households	Percentage of Single Person Households and are 65+
ANGIER	17.0%	9.6%
BOWEN	30.7%	20.1%
BURR	22.8%	9.8%
CABOT	25.6%	13.7%
COUNTRYSIDE	22.8%	13.1%
FRANKLIN	19.7%	10.4%
HORACE MANN	25.9%	13.3%
LINCOLN-ELIOT	32.2%	11.7%
MASON-RICE	17.6%	8.9%
MEMORIAL-SPAULDING	20.6%	13.2%
PEIRCE	21.6%	13.8%
UNDERWOOD	26.5%	11.5%
WARD	18.9%	9.4%
WILLIAMS	30.8%	19.5%
ZERVAS	19.8%	10.7%
<b>DISTRICT TOTAL</b>	<b>23.7%</b>	<b>12.7%</b>

**Table 5: Elementary Enrollment (K-5), 2023, 2028, 2033**

	2023	2028	2023-2028 Change	2033	2028-2033 Change	2023-2033 Change
ANGIER	384	427	11.2%	435	1.9%	13.3%
BOWEN	355	310	-12.7%	339	9.4%	-4.5%
BURR	355	346	-2.5%	368	6.4%	3.7%
CABOT	428	365	-14.7%	401	9.9%	-6.3%
COUNTRYSIDE	360	315	-12.5%	348	10.5%	-3.3%
FRANKLIN	349	287	-17.8%	311	8.4%	-10.9%
HORACE MANN	360	338	-6.1%	362	7.1%	0.6%
LINCOLN-ELIOT	328	332	1.2%	349	5.1%	6.4%
MASON-RICE	334	285	-14.7%	328	15.1%	-1.8%
MEMORIAL-SPAULDING	369	323	-12.5%	350	8.4%	-5.1%
PEIRCE	236	248	5.1%	277	11.7%	17.4%
UNDERWOOD	242	271	12.0%	282	4.1%	16.5%
WARD	212	247	16.5%	258	4.5%	21.7%
WILLIAMS	215	192	-10.7%	232	20.8%	7.9%
ZERVAS	399	422	5.8%	446	5.7%	11.8%
<b>DISTRICT TOTAL</b>	<b>4,926</b>	<b>4,708</b>	<b>-4.4%</b>	<b>5,086</b>	<b>8.0%</b>	<b>3.2%</b>

**Table 6: Age Under One to Age Ten Population Counts, by Year of Age, by Elementary Area:  
2020 Census**

	Under 1 year	1 year	2 years	3 years	4 years	5 years	6 years	7 years	8 years	9 years	10 years
ANGIER	41	47	55	67	68	87	94	73	99	80	91
BOWEN	38	44	62	51	71	68	67	68	75	77	85
BURR	38	50	57	91	68	81	61	67	74	66	75
CABOT	60	59	54	58	62	78	67	72	91	101	88
COUNTRYSIDE	52	64	57	57	82	64	72	76	86	89	110
FRANKLIN	35	49	45	48	58	55	50	60	70	56	81
HORACE MANN	46	52	28	56	70	61	72	69	55	103	91
LINCOLN-ELIOT	72	54	60	45	53	75	76	63	59	53	59
MASON-RICE	24	31	50	63	54	61	90	67	76	74	92
MEMORIAL-SPAULDING	47	41	64	58	74	77	96	85	79	118	87
PEIRCE	31	28	43	32	34	48	43	44	54	58	48
UNDERWOOD	37	41	56	46	48	57	45	59	53	37	51
WARD	35	34	34	38	60	58	72	72	59	79	78
WILLIAMS	40	40	28	43	47	44	49	53	51	46	40
ZERVAS	38	51	57	50	66	78	83	75	89	81	102
<b>DISTRICT TOTAL</b>	<b>633</b>	<b>684</b>	<b>749</b>	<b>802</b>	<b>917</b>	<b>993</b>	<b>1,036</b>	<b>1,001</b>	<b>1,069</b>	<b>1,118</b>	<b>1,177</b>

**Table 7: Comparison of District Resident Enrollment by Grade with 2020 Census Counts by Age, 2020-2023**

2020 Census	Under 1 year	1 year	2 years	3 years	4 years	5 years	6 years	7 years	8 years	9 years	10 years	11 years	12 years	13 years
<b>Newton Public Schools</b>	<b>633</b>	<b>684</b>	<b>749</b>	<b>802</b>	<b>917</b>	<b>993</b>	<b>1,036</b>	<b>1,001</b>	<b>1,069</b>	<b>1,118</b>	<b>1,177</b>	<b>1,226</b>	<b>1,258</b>	<b>1,216</b>
2023 Enrollment			702	757	844	875	873	875	877	909	887	1040	988	994
			93.7%	94.4%	92.0%	88.1%	84.3%	87.4%	82.0%	81.3%	75.4%	84.8%	78.5%	81.7%
2022 Enrollment				711	820	861	855	888	863	899	878	995	975	995
				88.7%	89.4%	86.7%	82.5%	88.7%	80.7%	80.4%	74.6%	81.2%	77.5%	81.8%
2021 Enrollment					738	813	837	881	858	914	882	992	952	960
					80.5%	81.9%	80.8%	88.0%	80.3%	81.8%	74.9%	80.9%	75.68%	78.9%
2020 Enrollment						674	819	854	870	929	909	999	957	950
						67.9%	79.1%	85.3%	81.4%	83.1%	77.2%	81.5%	76.1%	78.13%

Appendix B: Population Forecasts

**Newton Public Schools**

	<b>2020</b>	<b>2025</b>	<b>2030</b>	<b>2035</b>	<b>2040</b>
<b>Total</b>	88,847	89,440	89,830	89,660	88,910
<b>0-4</b>	3,785	3,960	4,220	4,250	4,030
<b>5-9</b>	5,217	4,670	4,590	4,810	4,930
<b>10-14</b>	6,045	5,290	4,770	4,700	5,040
<b>15-19</b>	6,661	6,760	5,920	5,400	7,850
<b>20-24</b>	7,977	7,850	7,740	7,050	5,870
<b>25-29</b>	4,072	4,840	4,770	4,690	4,160
<b>30-34</b>	4,120	4,670	5,420	5,400	4,790
<b>35-39</b>	4,788	4,690	5,380	6,110	5,130
<b>40-44</b>	5,317	5,080	5,070	5,780	5,410
<b>45-49</b>	5,977	5,300	5,140	5,120	5,950
<b>50-54</b>	6,091	5,960	5,330	5,110	5,160
<b>55-59</b>	6,016	5,990	5,870	5,280	5,170
<b>60-64</b>	5,448	5,760	5,760	5,640	5,500
<b>65-69</b>	5,117	4,980	5,290	5,230	5,510
<b>70-74</b>	4,773	4,650	4,530	4,720	4,650
<b>75-79</b>	2,970	4,230	4,070	3,890	4,060
<b>80-84</b>	1,955	2,340	3,390	3,280	3,200
<b>85+</b>	2,518	2,420	2,570	3,200	2,500
<b>Median Age</b>	41.7	42.0	42.1	42.1	42.5

	<b>2020 to 2025</b>	<b>2025 to 2030</b>	<b>2030 to 2035</b>	<b>2035 to 2040</b>
<b>Births</b>	3,610	3,670	3,570	3,400
<b>Deaths</b>	4,420	4,810	5,380	4,640
<b>Natural Increase</b>	-810	-1,140	-1,810	-1,240
<b>Net Migration</b>	1,460	1,530	1,530	1,570
<b>Change</b>	650	390	-280	330

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

## Angier Elementary School

Total	2020	2025	2030	2035	2040
0-4	279	310	350	330	360
5-9	432	380	430	460	470
10-14	454	440	380	440	490
15-19	435	390	370	320	430
20-24	273	270	200	200	180
25-29	212	290	290	220	230
30-34	197	270	370	360	300
35-39	291	250	370	430	390
40-44	373	350	310	430	440
45-49	469	370	350	290	460
50-54	393	460	360	350	390
55-59	457	390	450	360	390
60-64	432	440	370	430	410
65-69	428	400	380	320	440
70-74	399	380	350	330	400
75-79	231	360	330	300	380
80-84	138	190	280	270	290
85+	245	230	240	310	270
<b>Total</b>	<b>6,138</b>	<b>6,170</b>	<b>6,180</b>	<b>6,150</b>	<b>6,720</b>
<b>Median Age</b>	<b>46.3</b>	<b>46.8</b>	<b>45.3</b>	<b>43.7</b>	<b>45.8</b>

	2020 to 2025	2025 to 2030	2030 to 2035	2035 to 2040
<b>Births</b>	270	280	260	240
<b>Deaths</b>	340	370	410	420
<b>Natural Increase</b>	-70	-90	-150	-180
<b>Net Migration</b>	100	120	110	100
<b>Change</b>	30	30	-40	-80

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

## Bowen Elementary School

Total	2020	2025	2030	2035	2040
0-4	266	280	320	310	360
5-9	354	330	310	340	380
10-14	417	370	350	320	410
15-19	378	350	290	270	370
20-24	317	310	270	210	340
25-29	268	340	350	330	350
30-34	245	340	410	410	370
35-39	322	310	400	500	460
40-44	396	360	360	440	560
45-49	412	390	360	350	600
50-54	439	410	390	360	530
55-59	449	430	400	380	540
60-64	376	420	400	380	500
65-69	416	340	390	370	420
70-74	430	380	310	350	390
75-79	304	380	330	270	380
80-84	239	240	310	270	330
85+	277	280	290	320	290
<b>Total</b>	<b>6,306</b>	<b>6,260</b>	<b>6,240</b>	<b>6,180</b>	<b>7,580</b>
<b>Median Age</b>	<b>47.3</b>	<b>46.8</b>	<b>45.8</b>	<b>44.5</b>	<b>46.6</b>

	2020 to 2025	2025 to 2030	2030 to 2035	2035 to 2040
<b>Births</b>	280	300	290	340
<b>Deaths</b>	430	440	460	470
<b>Natural Increase</b>	-150	-140	-170	-130
<b>Net Migration</b>	110	120	110	100
<b>Change</b>	-40	-20	-60	-30

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

## Burr Elementary School

Total	2020	2025	2030	2035	2040
0-4	304	300	310	290	220
5-9	349	330	320	330	230
10-14	368	360	340	330	260
15-19	349	290	290	270	200
20-24	261	280	220	230	180
25-29	302	340	340	290	260
30-34	323	380	400	410	270
35-39	393	400	440	460	310
40-44	430	430	420	480	370
45-49	402	420	420	420	380
50-54	416	390	420	410	320
55-59	416	410	390	420	320
60-64	354	400	390	380	340
65-69	270	310	360	350	310
70-74	260	230	270	310	220
75-79	142	230	200	240	180
80-84	75	110	190	170	120
85+	113	100	120	160	100
<b>Total</b>	<b>5,526</b>	<b>5,710</b>	<b>5,840</b>	<b>5,950</b>	<b>4,590</b>
<b>Median Age</b>	<b>41.3</b>	<b>42.0</b>	<b>43.1</b>	<b>43.8</b>	<b>44.9</b>

	2020 to 2025	2025 to 2030	2030 to 2035	2035 to 2040
<b>Births</b>	270	290	270	200
<b>Deaths</b>	220	260	300	200
<b>Natural Increase</b>	50	30	-30	0
<b>Net Migration</b>	120	120	110	90
<b>Change</b>	170	150	80	90

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

## Cabot Elementary School

Total	2020	2025	2030	2035	2040
0-4	293	280	300	330	270
5-9	409	320	310	320	300
10-14	463	420	340	320	330
15-19	651	690	640	560	920
20-24	1,004	960	1,000	960	310
25-29	327	480	450	490	300
30-34	386	340	500	470	360
35-39	403	410	360	520	480
40-44	377	400	400	380	420
45-49	489	370	400	390	410
50-54	447	490	370	390	370
55-59	516	440	470	360	410
60-64	454	480	400	440	410
65-69	452	410	430	370	460
70-74	397	420	380	400	360
75-79	271	350	380	330	360
80-84	142	210	280	300	290
85+	226	200	230	270	170
<b>Total</b>	<b>7,708</b>	<b>7,670</b>	<b>7,640</b>	<b>7,600</b>	<b>6,930</b>
<b>Median Age</b>	<b>39.0</b>	<b>39.2</b>	<b>38.9</b>	<b>38.4</b>	<b>42.3</b>

	2020 to 2025	2025 to 2030	2030 to 2035	2035 to 2040
<b>Births</b>	260	280	310	250
<b>Deaths</b>	370	410	450	360
<b>Natural Increase</b>	-110	-130	-140	-110
<b>Net Migration</b>	90	90	90	80
<b>Change</b>	-20	-40	-50	-30

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

## Countryside Elementary School

	Total	2020	2025	2030	2035	2040
0-4	312	312	310	340	350	400
5-9	386	386	370	340	370	500
10-14	508	508	390	360	350	450
15-19	426	426	450	290	300	280
20-24	313	313	330	330	260	270
25-29	270	270	340	360	360	400
30-34	256	256	360	400	450	510
35-39	401	401	340	440	460	500
40-44	426	426	410	390	450	450
45-49	530	530	420	410	390	490
50-54	504	504	520	420	400	440
55-59	443	443	500	510	400	420
60-64	444	444	430	480	490	440
65-69	445	445	400	410	420	430
70-74	408	408	380	370	340	340
75-79	243	243	360	340	290	270
80-84	165	165	190	290	270	220
85+	209	209	210	210	270	200
<b>Total</b>	<b>6,688</b>	<b>6,688</b>	<b>6,710</b>	<b>6,690</b>	<b>6,620</b>	<b>7,010</b>
<b>Median Age</b>	<b>45.4</b>	<b>45.4</b>	<b>45.7</b>	<b>46.2</b>	<b>44.6</b>	<b>42.2</b>

	2020 to 2025	2025 to 2030	2030 to 2035	2035 to 2040
<b>Births</b>	220	250	260	280
<b>Deaths</b>	370	390	450	370
<b>Natural Increase</b>	-150	-140	-190	-90
<b>Net Migration</b>	140	150	160	290
<b>Change</b>	-10	10	-30	200

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

## Franklin Elementary School

Total	2020	2025	2030	2035	2040
0-4	233	220	230	240	240
5-9	291	260	230	240	260
10-14	340	290	260	240	280
15-19	281	310	260	230	260
20-24	194	230	260	210	220
25-29	224	270	310	350	290
30-34	284	260	300	350	290
35-39	266	300	270	320	330
40-44	309	270	300	270	340
45-49	341	300	270	300	340
50-54	264	330	300	250	320
55-59	310	250	330	300	310
60-64	264	300	250	320	300
65-69	252	240	280	230	350
70-74	193	230	230	260	310
75-79	113	170	200	200	240
80-84	72	50	140	170	170
85+	67	70	40	110	120
<b>Total</b>	<b>4,298</b>	<b>4,350</b>	<b>4,460</b>	<b>4,590</b>	<b>4,970</b>
<b>Median Age</b>	<b>40.6</b>	<b>40.6</b>	<b>41.8</b>	<b>42.1</b>	<b>44.6</b>

	2020 to 2025	2025 to 2030	2030 to 2035	2035 to 2040
<b>Births</b>	180	200	210	210
<b>Deaths</b>	170	200	240	240
<b>Natural Increase</b>	10	0	-30	-30
<b>Net Migration</b>	80	80	90	90
<b>Change</b>	90	80	60	60

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

## Horace Mann Elementary School

Total	2020	2025	2030	2035	2040
0-4	251	260	260	280	310
5-9	361	320	320	300	440
10-14	419	370	340	320	450
15-19	383	380	330	310	430
20-24	279	290	300	250	360
25-29	343	340	350	340	340
30-34	378	390	380	390	370
35-39	346	430	450	430	340
40-44	389	340	430	440	370
45-49	413	380	340	420	480
50-54	409	410	380	340	410
55-59	415	400	400	370	440
60-64	359	390	390	370	470
65-69	345	320	350	330	450
70-74	290	310	280	310	370
75-79	188	260	270	250	280
80-84	106	150	210	220	240
85+	149	140	160	200	190
<b>Total</b>	<b>5,823</b>	<b>5,880</b>	<b>5,940</b>	<b>5,870</b>	<b>6,740</b>
<b>Median Age</b>	<b>41.9</b>	<b>42.4</b>	<b>42.8</b>	<b>43.6</b>	<b>44.5</b>

	2020 to 2025	2025 to 2030	2030 to 2035	2035 to 2040
<b>Births</b>	250	240	230	240
<b>Deaths</b>	270	300	340	350
<b>Natural Increase</b>	-20	-60	-110	-110
<b>Net Migration</b>	90	90	80	90
<b>Change</b>	70	30	-30	-20

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

## Lincoln-Eliot Elementary School

Total	2020	2025	2030	2035	2040
0-4	285	330	310	310	310
5-9	326	330	330	330	370
10-14	296	340	340	350	360
15-19	302	280	320	310	320
20-24	319	350	360	360	370
25-29	500	450	470	480	450
30-34	485	460	410	420	410
35-39	459	460	430	390	370
40-44	332	430	440	430	340
45-49	368	310	410	440	450
50-54	423	370	300	400	430
55-59	353	410	350	300	350
60-64	319	340	400	350	360
65-69	267	290	310	370	320
70-74	188	240	280	270	260
75-79	100	170	220	220	190
80-84	94	80	130	170	110
85+	107	110	100	130	150
<b>Total</b>	<b>5,520</b>	<b>5,750</b>	<b>5,910</b>	<b>6,030</b>	<b>5,920</b>
<b>Median Age</b>	<b>37.7</b>	<b>38.6</b>	<b>39.8</b>	<b>40.8</b>	<b>40.0</b>

	2020 to 2025	2025 to 2030	2030 to 2035	2035 to 2040
<b>Births</b>	310	290	260	300
<b>Deaths</b>	210	230	270	260
<b>Natural Increase</b>	100	60	-10	40
<b>Net Migration</b>	110	100	110	100
<b>Change</b>	210	160	100	140

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

## Mason-Rice Elementary School

Total	2020	2025	2030	2035	2040
0-4	222	260	270	250	210
5-9	368	310	280	290	240
10-14	455	360	300	280	240
15-19	437	410	320	260	270
20-24	247	280	230	200	190
25-29	243	270	300	250	240
30-34	240	320	350	380	300
35-39	281	300	410	410	280
40-44	328	340	380	470	310
45-49	422	320	340	380	380
50-54	417	420	320	340	260
55-59	421	410	410	320	250
60-64	340	410	390	390	320
65-69	410	320	390	380	340
70-74	339	380	300	360	320
75-79	224	300	340	260	320
80-84	121	180	240	270	280
85+	141	130	160	210	160
<b>Total</b>	<b>5,656</b>	<b>5,720</b>	<b>5,730</b>	<b>5,700</b>	<b>4,910</b>
<b>Median Age</b>	<b>45.1</b>	<b>45.2</b>	<b>45.4</b>	<b>45.8</b>	<b>47.3</b>

	2020 to 2025	2025 to 2030	2030 to 2035	2035 to 2040
<b>Births</b>	260	250	230	210
<b>Deaths</b>	290	340	380	330
<b>Natural Increase</b>	-30	-90	-150	-120
<b>Net Migration</b>	100	110	100	90
<b>Change</b>	70	20	-50	-30

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

## Memorial Spaulding Elementary School

Total	2020	2025	2030	2035	2040
0-4	284	290	340	340	230
5-9	455	410	370	390	290
10-14	532	450	410	370	310
15-19	499	520	430	390	630
20-24	417	410	420	350	380
25-29	228	400	380	400	210
30-34	186	250	410	400	310
35-39	326	200	260	450	360
40-44	448	340	220	300	410
45-49	493	460	360	240	420
50-54	542	500	470	370	370
55-59	558	530	500	460	440
60-64	538	540	510	480	530
65-69	424	500	500	480	520
70-74	453	390	450	460	460
75-79	282	390	340	400	360
80-84	228	220	320	270	270
85+	252	250	260	300	210
<b>Total</b>	<b>7,144</b>	<b>7,050</b>	<b>6,950</b>	<b>6,850</b>	<b>6,710</b>
<b>Median Age</b>	<b>47.0</b>	<b>47.8</b>	<b>48.3</b>	<b>45.7</b>	<b>47.7</b>

	2020 to 2025	2025 to 2030	2030 to 2035	2035 to 2040
<b>Births</b>	270	290	290	190
<b>Deaths</b>	440	460	500	400
<b>Natural Increase</b>	-170	-170	-210	-210
<b>Net Migration</b>	90	90	90	90
<b>Change</b>	-80	-80	-120	-120

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

## Peirce Elementary School

	2020	2025	2030	2035	2040
<b>Total</b>	4,166	4,120	4,060	3,990	3,950
<b>0-4</b>	169	210	200	190	180
<b>5-9</b>	248	240	260	260	220
<b>10-14</b>	359	250	250	270	240
<b>15-19</b>	297	330	230	210	240
<b>20-24</b>	196	210	240	130	190
<b>25-29</b>	136	210	220	250	220
<b>30-34</b>	161	160	230	250	250
<b>35-39</b>	165	160	200	270	200
<b>40-44</b>	243	160	160	200	190
<b>45-49</b>	278	240	160	160	200
<b>50-54</b>	365	270	240	160	190
<b>55-59</b>	299	360	270	240	190
<b>60-64</b>	284	290	340	260	280
<b>65-69</b>	271	270	270	320	310
<b>70-74</b>	249	250	240	250	260
<b>75-79</b>	180	220	220	220	250
<b>80-84</b>	104	150	170	180	190
<b>85+</b>	161	140	160	170	150
<b>Median Age</b>	46.9	47.7	46.3	44.1	46.1

	2020 to 2025	2025 to 2030	2030 to 2035	2035 to 2040
<b>Births</b>	150	150	140	130
<b>Deaths</b>	250	270	290	270
<b>Natural Increase</b>	-100	-120	-150	-140
<b>Net Migration</b>	60	70	70	60
<b>Change</b>	-40	-50	-80	-80

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

## Underwood Elementary School

Total	2020	2025	2030	2035	2040
0-4	227	230	240	240	200
5-9	251	260	250	280	280
10-14	295	250	280	260	300
15-19	241	270	210	220	230
20-24	239	200	210	140	200
25-29	366	260	230	230	180
30-34	379	400	320	300	300
35-39	272	410	470	400	370
40-44	261	290	420	490	390
45-49	306	260	280	420	540
50-54	311	300	260	280	370
55-59	311	300	300	250	330
60-64	217	300	300	290	290
65-69	254	210	280	270	340
70-74	254	240	190	230	260
75-79	153	230	210	150	240
80-84	112	130	180	160	200
85+	145	140	140	170	150
<b>Total</b>	<b>4,592</b>	<b>4,680</b>	<b>4,770</b>	<b>4,780</b>	<b>5,170</b>
<b>Median Age</b>	<b>40.5</b>	<b>41.0</b>	<b>42.1</b>	<b>43.3</b>	<b>46.3</b>

	2020 to 2025	2025 to 2030	2030 to 2035	2035 to 2040
<b>Births</b>	230	210	190	180
<b>Deaths</b>	240	250	280	280
<b>Natural Increase</b>	-10	-40	-90	-100
<b>Net Migration</b>	100	110	120	100
<b>Change</b>	90	70	30	0

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

## Ward Elementary School

Total	2020	2025	2030	2035	2040
0-4	201	200	240	230	260
5-9	338	220	220	240	220
10-14	438	340	220	220	200
15-19	901	840	740	620	2,050
20-24	2,759	2,790	2,740	2,640	1,860
25-29	213	230	250	220	340
30-34	183	250	270	290	330
35-39	341	240	310	330	250
40-44	391	400	300	370	260
45-49	372	440	460	360	260
50-54	475	410	480	480	210
55-59	411	500	430	510	230
60-64	455	390	490	430	240
65-69	356	430	380	460	240
70-74	339	340	400	350	230
75-79	231	300	290	340	200
80-84	128	190	240	240	170
85+	100	120	160	210	110
<b>Total</b>	<b>8,631</b>	<b>8,630</b>	<b>8,620</b>	<b>8,540</b>	<b>7,660</b>
<b>Median Age</b>	<b>24.4</b>	<b>24.9</b>	<b>28.0</b>	<b>31.7</b>	<b>23.0</b>

	2020 to 2025	2025 to 2030	2030 to 2035	2035 to 2040
<b>Births</b>	200	220	230	260
<b>Deaths</b>	300	350	400	230
<b>Natural Increase</b>	-100	-130	-170	30
<b>Net Migration</b>	100	100	100	110
<b>Change</b>	0	-30	-70	140

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

## Williams Elementary School

	2020	2025	2030	2035	2040
<b>Total</b>	4,957	5,000	5,000	5,030	4,430
<b>0-4</b>	198	210	200	220	200
<b>5-9</b>	242	220	210	220	270
<b>10-14</b>	235	240	220	210	240
<b>15-19</b>	700	840	840	820	820
<b>20-24</b>	879	690	730	750	700
<b>25-29</b>	214	320	200	230	170
<b>30-34</b>	199	230	330	210	180
<b>35-39</b>	237	210	250	340	180
<b>40-44</b>	234	230	210	250	180
<b>45-49</b>	242	230	230	210	180
<b>50-54</b>	263	240	230	230	200
<b>55-59</b>	249	250	240	220	190
<b>60-64</b>	229	240	250	220	220
<b>65-69</b>	199	210	220	230	210
<b>70-74</b>	191	190	190	200	160
<b>75-79</b>	122	170	160	180	120
<b>80-84</b>	109	100	130	130	110
<b>85+</b>	217	180	160	160	100
<b>Median Age</b>	30.3	29.7	31.5	31.5	24.9

	2020 to 2025	2025 to 2030	2030 to 2035	2035 to 2040
<b>Births</b>	200	170	170	170
<b>Deaths</b>	250	230	240	170
<b>Natural Increase</b>	-50	-60	-70	0
<b>Net Migration</b>	80	80	80	80
<b>Change</b>	30	20	10	80

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

## Zervas Elementary School

Total	2020	2025	2030	2035	2040
0-4	261	270	310	340	280
5-9	407	370	410	440	460
10-14	466	420	380	420	480
15-19	382	410	360	310	400
20-24	279	250	230	160	120
25-29	227	300	270	250	180
30-34	217	260	340	310	240
35-39	284	270	320	400	310
40-44	382	330	330	380	380
45-49	441	390	350	350	360
50-54	422	440	390	350	350
55-59	410	410	420	390	360
60-64	384	390	400	410	390
65-69	330	330	340	330	370
70-74	383	290	290	300	310
75-79	185	340	240	240	290
80-84	123	150	280	190	210
85+	110	120	140	210	130
<b>Total</b>	<b>5,693</b>	<b>5,740</b>	<b>5,800</b>	<b>5,780</b>	<b>5,620</b>
<b>Median Age</b>	<b>44.2</b>	<b>44.8</b>	<b>44.2</b>	<b>43.4</b>	<b>44.5</b>

	2020 to 2025	2025 to 2030	2030 to 2035	2035 to 2040
<b>Births</b>	260	250	230	200
<b>Deaths</b>	270	310	370	290
<b>Natural Increase</b>	-10	-60	-140	-90
<b>Net Migration</b>	90	100	110	100
<b>Change</b>	80	40	-30	10

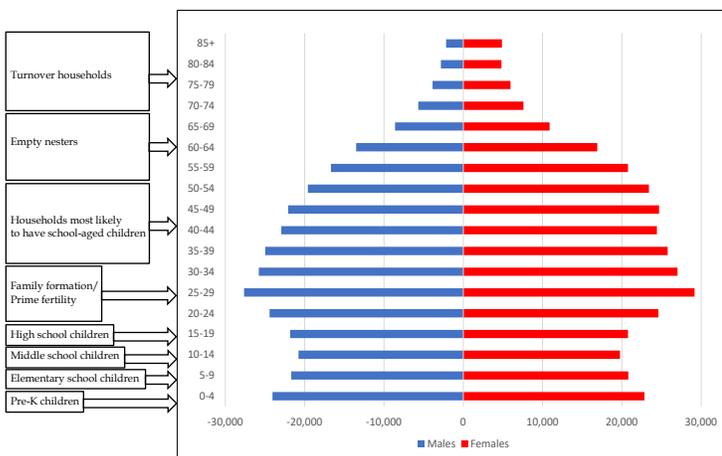
Differences between period Totals may not equal Change due to rounding.

### Appendix C: 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:

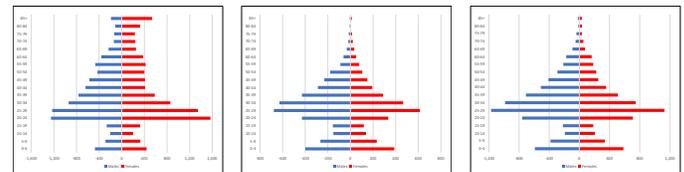


We can classify age groups into eight approximate categories (with an obvious note that 5-year age groups will not perfectly match school levels):

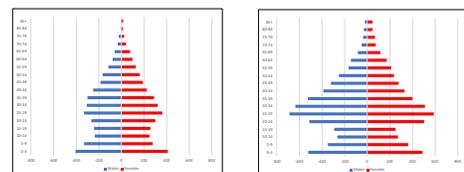
- a) Ages 0-4 - Pre-K children;
- b) Ages 5-9 - Elementary school children;
- c) Ages 10-14 - Middle school children;
- d) Ages: 15-19 - High school children;
- e) Ages: 20-34 - Family formation/ prime fertility;
- f) Ages 35-54 - Households most likely to have school-aged children;
- g) Ages 55-74 -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

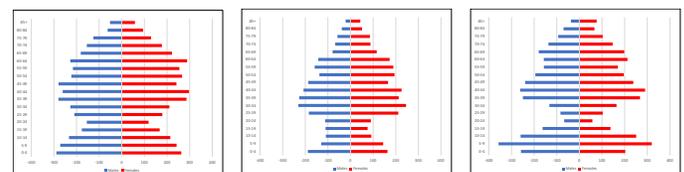
- a) Multi-family - high SES (socioeconomic status): characterized by high proportion of population in their 20s and early 30s, most likely to be renting apartments. In addition, characterized by higher SES.



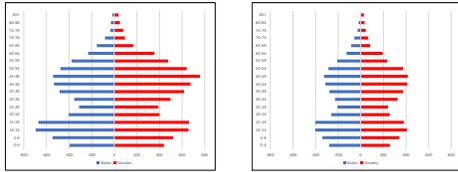
- b) Multi-family - low SES: characterized by high proportion of population in their 20s and early 30s, most likely to be renting apartments. In addition, characterized by lower SES.



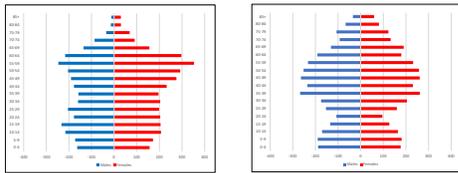
- c) Young suburban: characterized by high proportions of population in their 30s and 40s, as well as young children (pre-K and elementary schoolers).



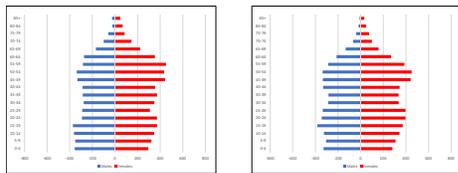
- d) Old suburban: characterized by high proportions of population in their 40s and 50s, as well as older children (middle and high schoolers).



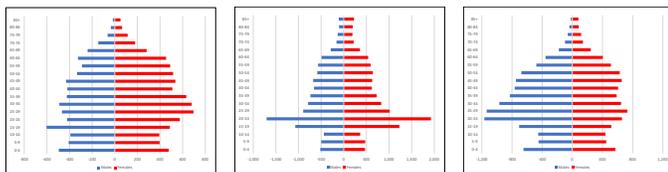
- e) Turnover: characterized by population in 50s and 60s, empty nest households more likely to sell a house and downsize.



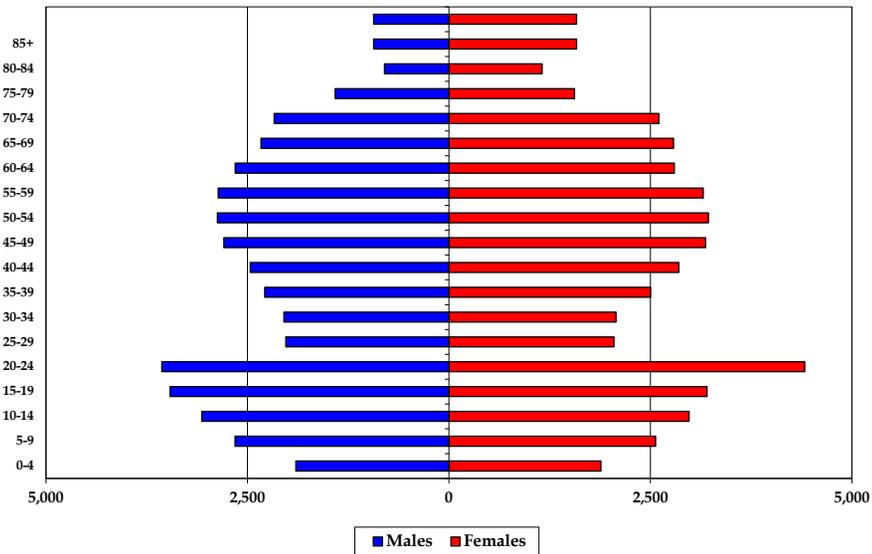
- f) Mixed: characterized by mixed population of various ages and types of housing.



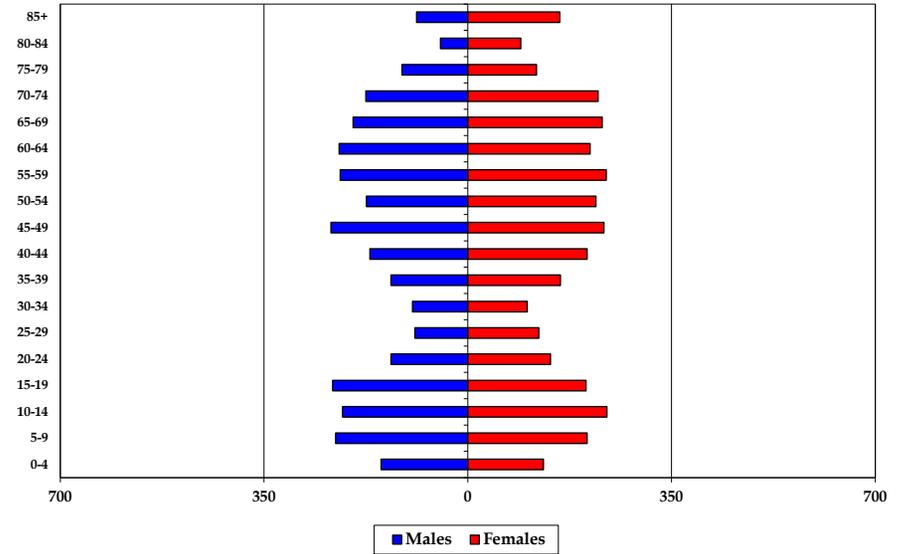
- g) Group quarters: characterized by presence of one specific group of population that is living in either retirement homes, correctional facilities, army bases, student dorms, etc.



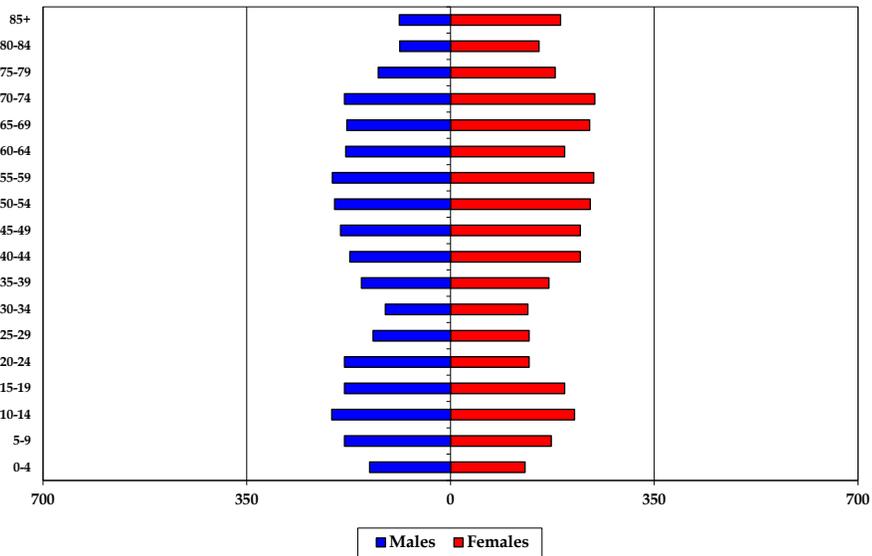
Newton Public Schools Total Population - 2020 Census



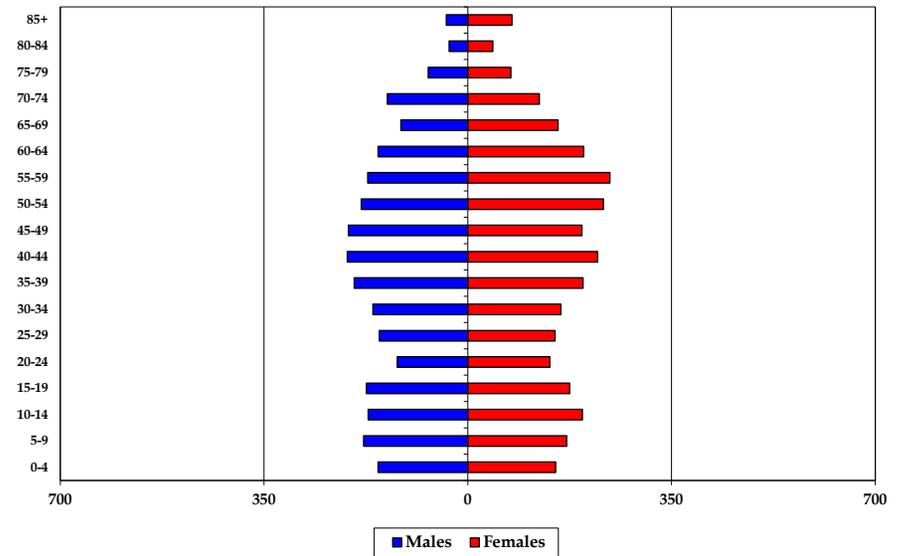
Angier Elementary School - 2020 Census



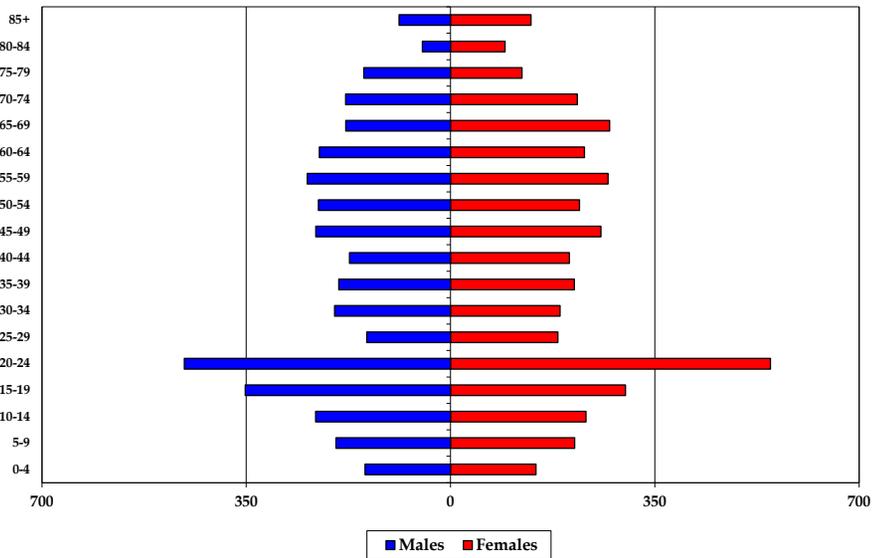
Bowen Elementary School - 2020 Census



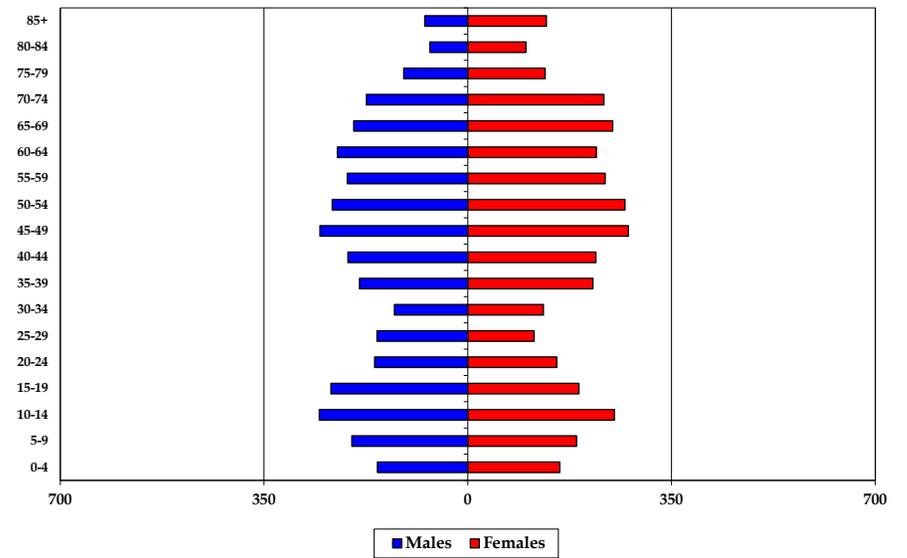
Burr Elementary School - 2020 Census



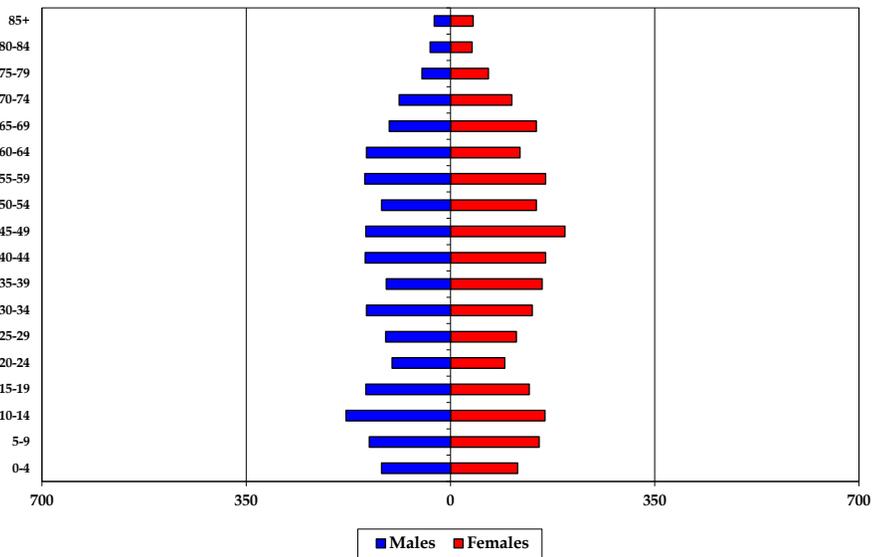
Cabot Elementary School - 2020 Census



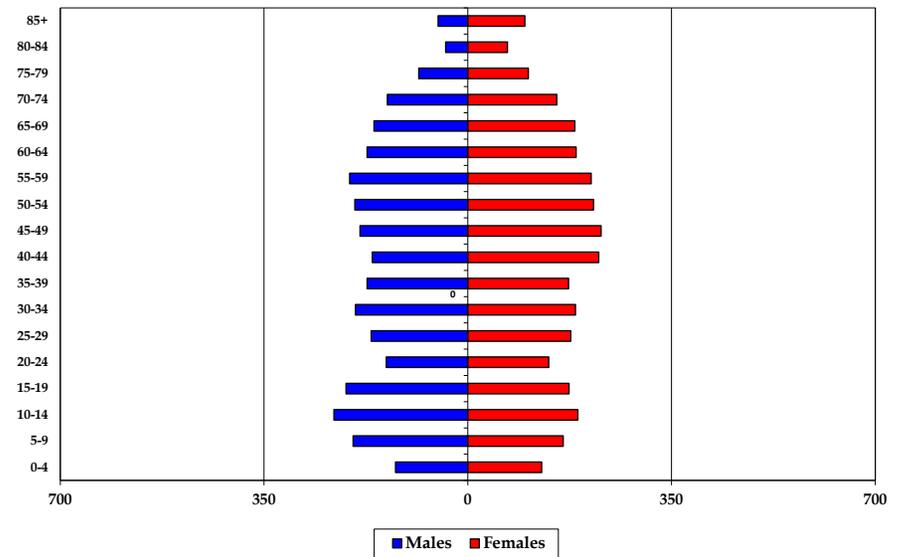
Countryside Elementary School - 2020 Census



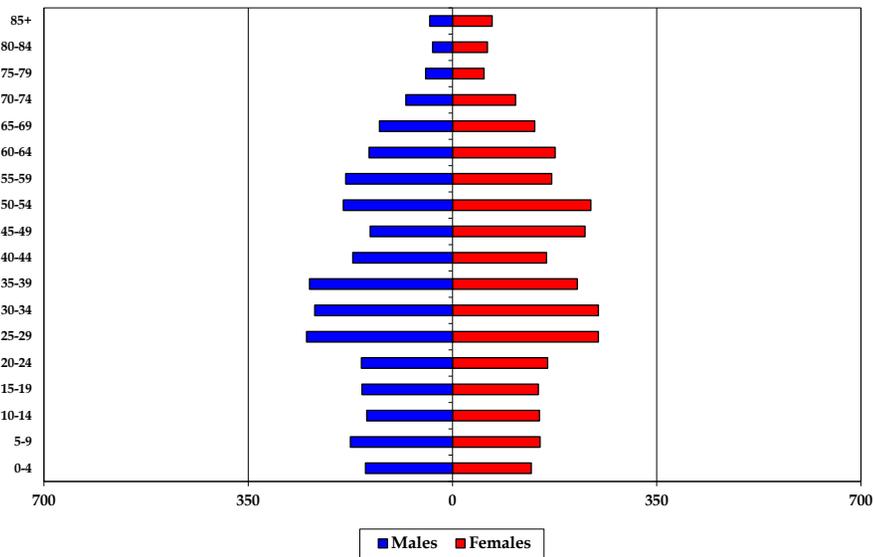
Franklin Elementary School - 2020 Census



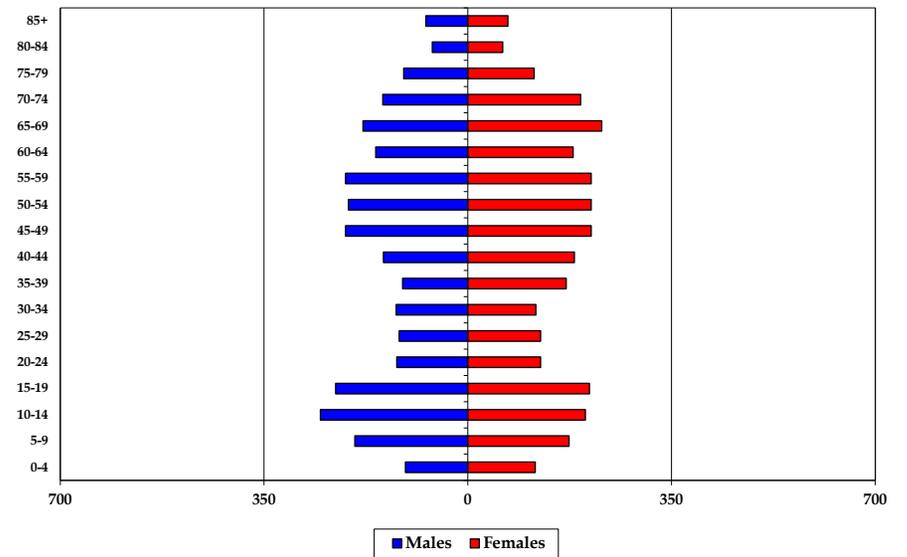
Horace Mann Elementary School - 2020 Census



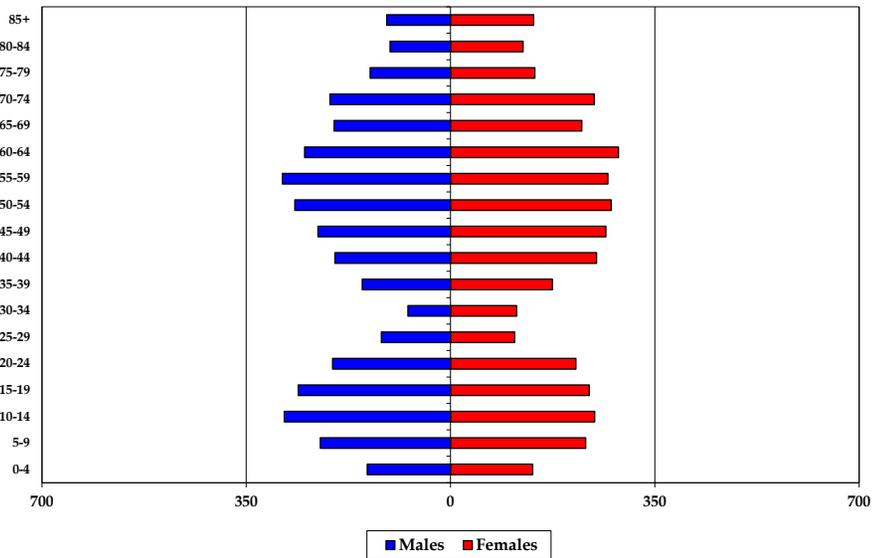
Lincoln-Eliot Elementary School - 2020 Census



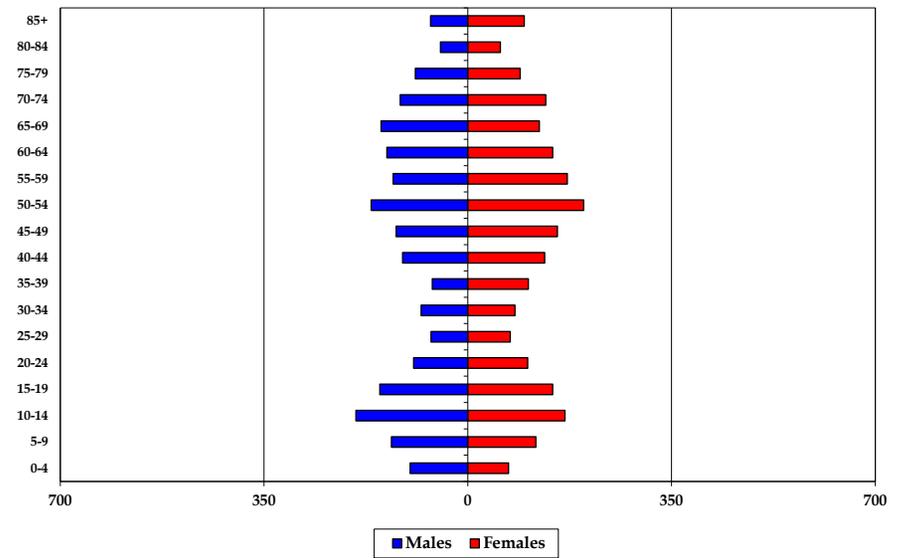
Mason-Rice Elementary School - 2020 Census



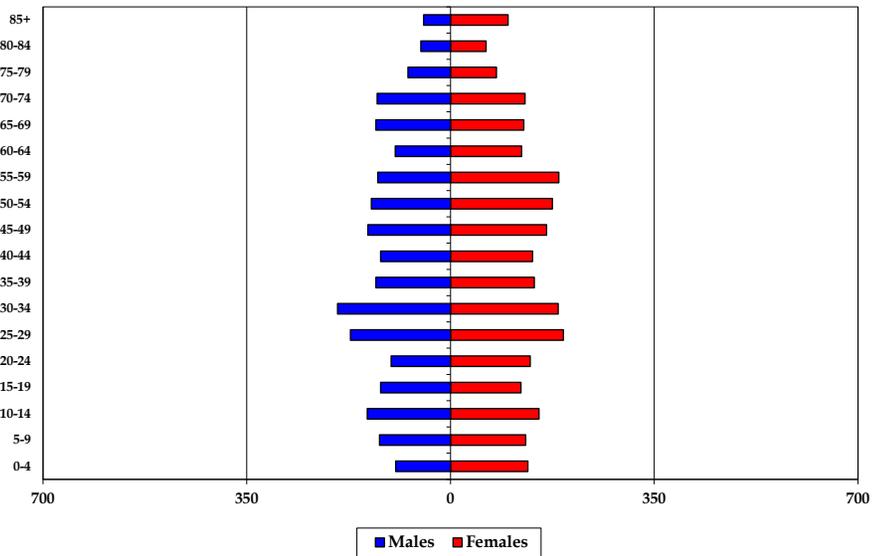
Memorial-Spaulling Elementary School - 2020 Census



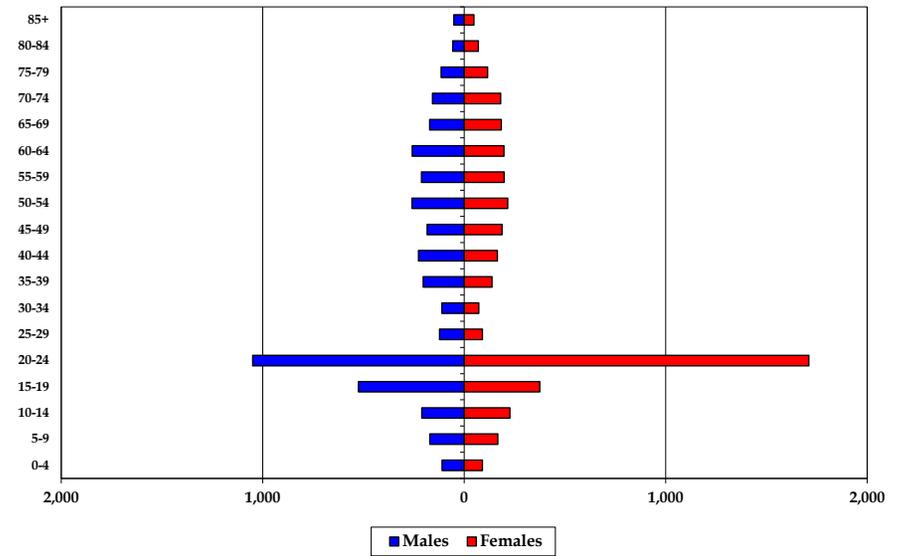
Peirce Elementary School - 2020 Census



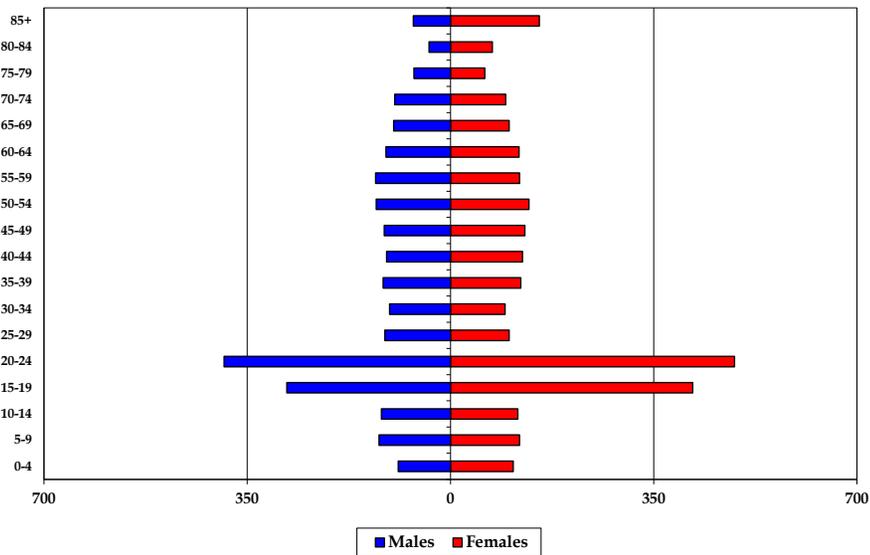
Underwood Elementary School - 2020 Census



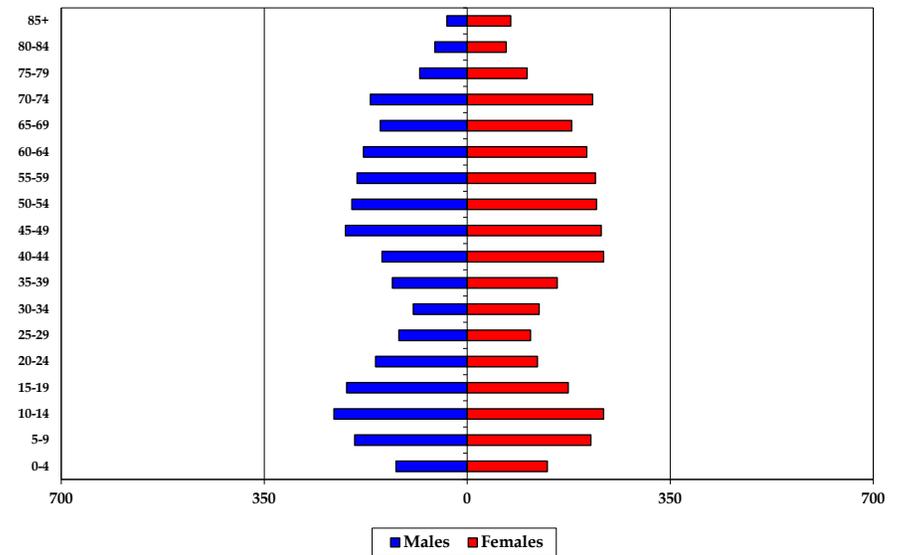
Ward Elementary School - 2020 Census



Williams Elementary School - 2020 Census



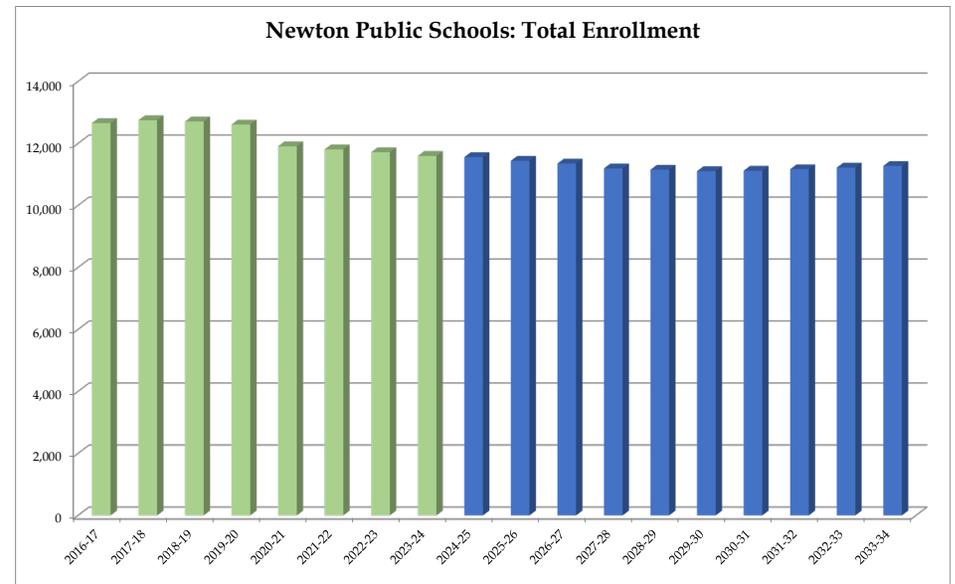
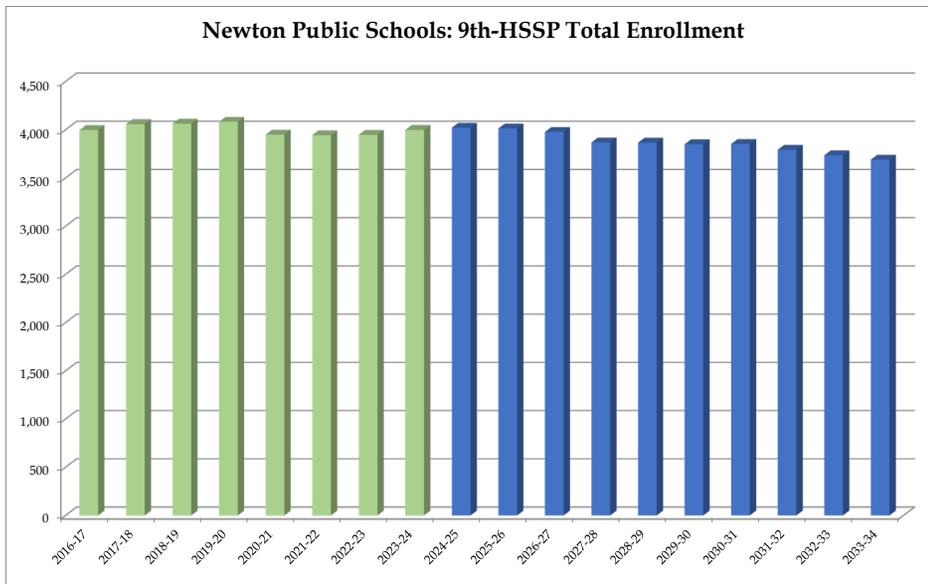
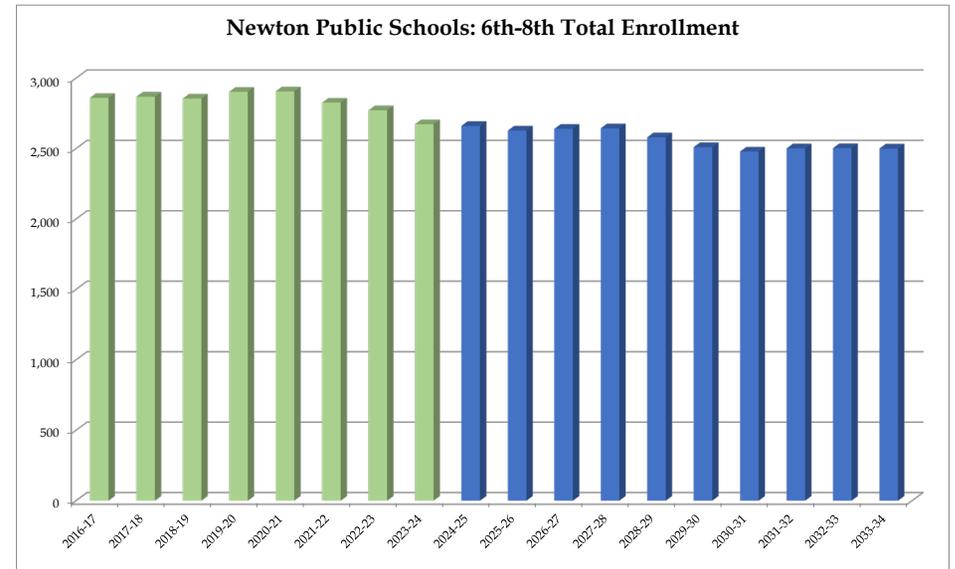
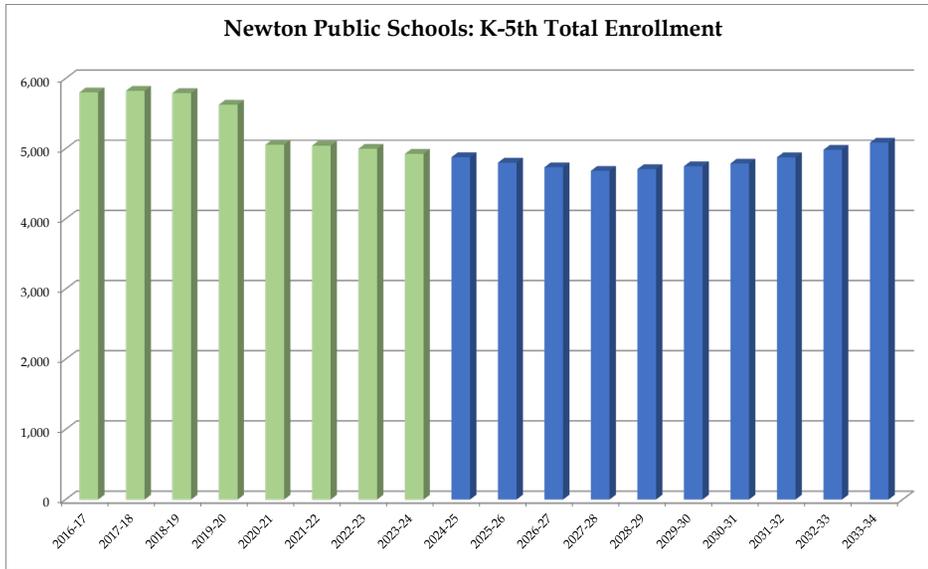
Zervas Elementary School - 2020 Census



**Appendix D: Enrollment Forecasts**

**Newton Public Schools: Total Enrollment**

	2016-17	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	2033-34
<b>K</b>	885	850	848	825	674	738	711	702	733	717	711	724	739	757	771	794	808	823
<b>1</b>	943	966	909	902	819	813	820	757	766	779	761	746	759	775	793	811	824	838
<b>2</b>	1,042	960	978	918	854	837	861	844	773	782	803	786	769	783	802	818	838	852
<b>3</b>	1,005	1,041	970	968	870	881	855	875	850	779	791	813	796	780	798	822	838	858
<b>4</b>	976	1,020	1,062	952	929	858	888	873	881	860	798	807	829	813	799	817	842	858
<b>5</b>	950	987	1,024	1,061	909	914	863	875	875	884	871	808	816	841	825	814	833	857
<b>K-5 Total</b>	<b>5,801</b>	<b>5,824</b>	<b>5,791</b>	<b>5,626</b>	<b>5,055</b>	<b>5,041</b>	<b>4,998</b>	<b>4,926</b>	<b>4,878</b>	<b>4,801</b>	<b>4,735</b>	<b>4,684</b>	<b>4,708</b>	<b>4,749</b>	<b>4,788</b>	<b>4,876</b>	<b>4,983</b>	<b>5,086</b>
<b>6</b>	961	931	975	995	999	882	899	877	869	872	883	870	806	814	839	828	816	836
<b>7</b>	972	948	932	984	957	992	878	909	879	873	878	890	877	813	821	846	835	823
<b>8</b>	927	989	948	924	950	952	995	887	913	883	879	884	897	883	819	827	852	841
<b>6-8 Total</b>	<b>2,860</b>	<b>2,868</b>	<b>2,855</b>	<b>2,903</b>	<b>2,906</b>	<b>2,826</b>	<b>2,772</b>	<b>2,673</b>	<b>2,661</b>	<b>2,628</b>	<b>2,640</b>	<b>2,644</b>	<b>2,580</b>	<b>2,510</b>	<b>2,479</b>	<b>2,501</b>	<b>2,503</b>	<b>2,500</b>
<b>9</b>	992	980	1,018	997	929	960	975	1,040	940	967	936	932	937	952	938	870	879	906
<b>10</b>	976	998	990	1,036	979	942	995	988	1,056	954	981	950	946	951	967	955	885	894
<b>11</b>	1,007	988	1,011	1,000	1,018	971	950	994	992	1,061	959	987	955	951	956	971	960	889
<b>12</b>	925	1,006	983	1,020	993	1,040	986	940	998	996	1,066	964	993	960	956	961	975	965
<b>HSSP</b>	96	86	61	29	30	30	41	35	35	35	35	35	35	35	35	35	35	35
<b>9-HSSP Total</b>	<b>3,996</b>	<b>4,058</b>	<b>4,063</b>	<b>4,082</b>	<b>3,949</b>	<b>3,943</b>	<b>3,947</b>	<b>3,997</b>	<b>4,021</b>	<b>4,013</b>	<b>3,977</b>	<b>3,868</b>	<b>3,866</b>	<b>3,849</b>	<b>3,852</b>	<b>3,792</b>	<b>3,734</b>	<b>3,689</b>
<b>Total Enrollment</b>	<b>12,657</b>	<b>12,750</b>	<b>12,709</b>	<b>12,611</b>	<b>11,910</b>	<b>11,810</b>	<b>11,717</b>	<b>11,596</b>	<b>11,560</b>	<b>11,442</b>	<b>11,352</b>	<b>11,196</b>	<b>11,154</b>	<b>11,108</b>	<b>11,119</b>	<b>11,169</b>	<b>11,220</b>	<b>11,275</b>
<b>Total: All Grades</b>	<b>12,657</b>	<b>12,750</b>	<b>12,709</b>	<b>12,611</b>	<b>11,910</b>	<b>11,810</b>	<b>11,717</b>	<b>11,596</b>	<b>11,560</b>	<b>11,442</b>	<b>11,352</b>	<b>11,196</b>	<b>11,154</b>	<b>11,108</b>	<b>11,119</b>	<b>11,169</b>	<b>11,220</b>	<b>11,275</b>
<b>Change</b>		93	-41	-98	-701	-100	-93	-121	-36	-118	-90	-156	-42	-46	11	50	51	55
<b>Percent Change</b>		0.7%	-0.3%	-0.8%	-5.6%	-0.8%	-0.8%	-1.0%	-0.3%	-1.0%	-0.8%	-1.4%	-0.4%	-0.4%	0.1%	0.4%	0.5%	0.5%
<b>Total: K-5</b>	<b>5,801</b>	<b>5,824</b>	<b>5,791</b>	<b>5,626</b>	<b>5,055</b>	<b>5,041</b>	<b>4,998</b>	<b>4,926</b>	<b>4,878</b>	<b>4,801</b>	<b>4,735</b>	<b>4,684</b>	<b>4,708</b>	<b>4,749</b>	<b>4,788</b>	<b>4,876</b>	<b>4,983</b>	<b>5,086</b>
<b>Change</b>		23	-33	-165	-571	-14	-43	-72	-48	-77	-66	-51	24	41	39	88	107	103
<b>Percent Change</b>		0.4%	-0.6%	-2.8%	-10.1%	-0.3%	-0.9%	-1.4%	-1.0%	-1.6%	-1.4%	-1.1%	0.5%	0.9%	0.8%	1.8%	2.2%	2.1%
<b>Total: 6-8</b>	<b>2,860</b>	<b>2,868</b>	<b>2,855</b>	<b>2,903</b>	<b>2,906</b>	<b>2,826</b>	<b>2,772</b>	<b>2,673</b>	<b>2,661</b>	<b>2,628</b>	<b>2,640</b>	<b>2,644</b>	<b>2,580</b>	<b>2,510</b>	<b>2,479</b>	<b>2,501</b>	<b>2,503</b>	<b>2,500</b>
<b>Change</b>		8	-13	48	3	-80	-54	-99	-12	-33	12	4	-64	-70	-31	22	2	-3
<b>Percent Change</b>		0.3%	-0.5%	1.7%	0.1%	-2.8%	-1.9%	-3.6%	-0.4%	-1.2%	0.5%	0.2%	-2.4%	-2.7%	-1.2%	0.9%	0.1%	-0.1%
<b>Total: 9-HSSP</b>	<b>3,996</b>	<b>4,058</b>	<b>4,063</b>	<b>4,082</b>	<b>3,949</b>	<b>3,943</b>	<b>3,947</b>	<b>3,997</b>	<b>4,021</b>	<b>4,013</b>	<b>3,977</b>	<b>3,868</b>	<b>3,866</b>	<b>3,849</b>	<b>3,852</b>	<b>3,792</b>	<b>3,734</b>	<b>3,689</b>
<b>Change</b>		62	5	19	-133	-6	4	50	24	-8	-36	-109	-2	-17	3	-60	-58	-45
<b>Percent Change</b>		1.6%	0.1%	0.5%	-3.3%	-0.2%	0.1%	1.3%	0.6%	-0.2%	-0.9%	-2.7%	-0.1%	-0.4%	0.1%	-1.6%	-1.5%	-1.2%
Forecasts developed December 2023																		
Green cells (2023-24 and earlier) are historical data																		
Blue cells (2024-25 and later) are forecasted years																		

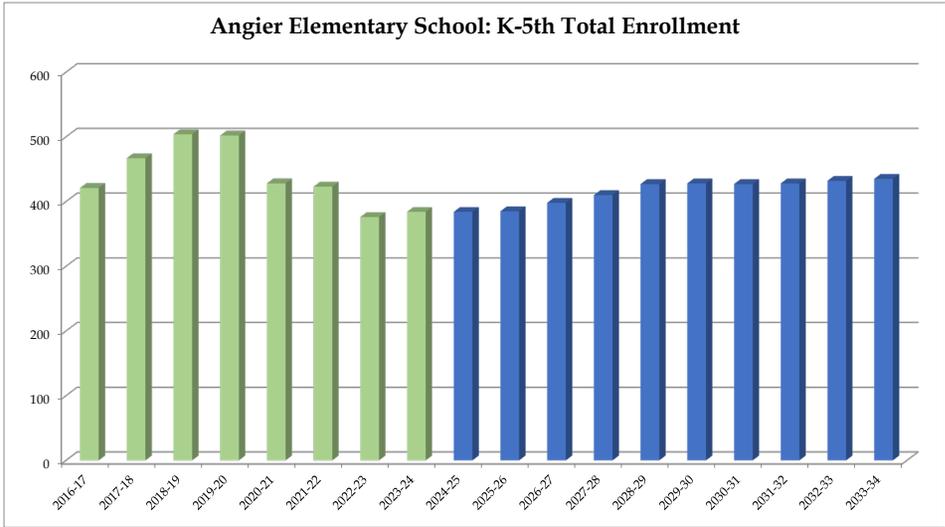


### Angier Elementary

	2016-17	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	2033-34
<b>K</b>	78	65	84	65	49	54	43	64	63	62	61	62	63	63	63	64	66	67
<b>1</b>	66	92	73	86	62	62	57	52	68	69	68	66	67	68	68	69	69	71
<b>2</b>	79	78	97	73	76	66	65	61	55	71	73	72	70	71	72	71	72	72
<b>3</b>	71	86	86	99	65	80	69	63	63	57	74	76	75	73	74	75	74	75
<b>4</b>	70	76	90	82	100	71	73	73	64	64	59	76	78	77	75	75	77	75
<b>5</b>	57	70	74	97	76	90	69	71	71	62	63	58	74	76	75	74	74	75
<b>Total: K-5</b>	<b>421</b>	<b>467</b>	<b>504</b>	<b>502</b>	<b>428</b>	<b>423</b>	<b>376</b>	<b>384</b>	<b>384</b>	<b>385</b>	<b>398</b>	<b>410</b>	<b>427</b>	<b>428</b>	<b>427</b>	<b>428</b>	<b>432</b>	<b>435</b>

<b>Total: K-5</b>	<b>421</b>	<b>467</b>	<b>504</b>	<b>502</b>	<b>428</b>	<b>423</b>	<b>376</b>	<b>384</b>	<b>384</b>	<b>385</b>	<b>398</b>	<b>410</b>	<b>427</b>	<b>428</b>	<b>427</b>	<b>428</b>	<b>432</b>	<b>435</b>
<b>Change</b>		46	37	-2	-74	-5	-47	8	0	1	13	12	17	1	-1	1	4	3
<b>Percent Change</b>		10.9%	7.9%	-0.4%	-14.7%	-1.2%	-11.1%	2.1%	0.0%	0.3%	3.4%	3.0%	4.1%	0.2%	-0.2%	0.2%	0.9%	0.7%

Forecasts developed December 2023  
 Green cells (2023-24 and earlier) are historical data  
 Blue cells (2024-25 and later) are forecasted years

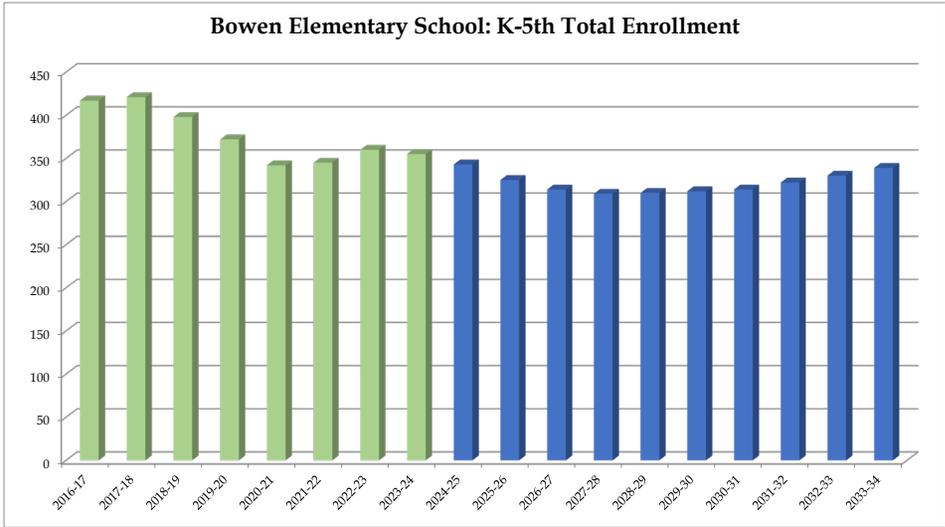


### Bowen Elementary

	2016-17	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	2033-34
<b>K</b>	60	64	54	55	44	46	51	51	51	49	49	50	51	52	53	54	55	56
<b>1</b>	61	69	67	62	56	57	57	53	54	55	53	52	53	54	55	56	56	57
<b>2</b>	60	61	60	68	57	58	61	57	51	52	54	52	51	52	53	56	57	57
<b>3</b>	95	56	66	62	61	59	61	64	56	50	51	53	51	50	51	54	57	58
<b>4</b>	68	98	56	62	59	66	65	67	63	55	50	50	52	50	50	50	53	56
<b>5</b>	73	73	95	63	65	59	65	63	68	64	57	52	52	54	52	52	52	55
<b>Total: K-5</b>	<b>417</b>	<b>421</b>	<b>398</b>	<b>372</b>	<b>342</b>	<b>345</b>	<b>360</b>	<b>355</b>	<b>343</b>	<b>325</b>	<b>314</b>	<b>309</b>	<b>310</b>	<b>312</b>	<b>314</b>	<b>322</b>	<b>330</b>	<b>339</b>

<b>Total: K-5</b>	<b>417</b>	<b>421</b>	<b>398</b>	<b>372</b>	<b>342</b>	<b>345</b>	<b>360</b>	<b>355</b>	<b>343</b>	<b>325</b>	<b>314</b>	<b>309</b>	<b>310</b>	<b>312</b>	<b>314</b>	<b>322</b>	<b>330</b>	<b>339</b>
<b>Change</b>		4	-23	-26	-30	3	15	-5	-12	-18	-11	-5	1	2	2	8	8	9
<b>Percent Change</b>		1.0%	-5.5%	-6.5%	-8.1%	0.9%	4.3%	-1.4%	-3.4%	-5.2%	-3.4%	-1.6%	0.3%	0.6%	0.6%	2.5%	2.5%	2.7%

Forecasts developed December 2023  
 Green cells (2023-24 and earlier) are historical data  
 Blue cells (2024-25 and later) are forecasted years

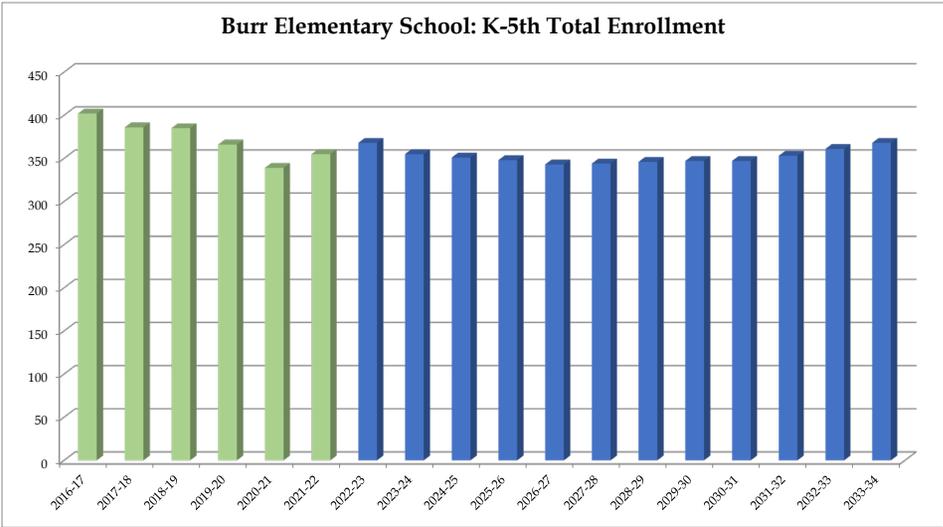


### Burr Elementary

	2016-17	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	2033-34
<b>K</b>	48	60	55	62	50	55	58	54	55	54	52	53	54	55	56	59	60	60
<b>1</b>	68	51	70	60	64	60	60	56	58	59	57	55	56	57	58	59	61	62
<b>2</b>	74	69	51	72	61	63	60	58	57	59	61	59	57	58	59	59	60	62
<b>3</b>	80	70	62	46	67	65	66	61	56	56	58	60	58	56	57	60	60	61
<b>4</b>	62	76	72	56	42	67	63	62	62	57	57	59	61	59	57	58	61	61
<b>5</b>	70	60	75	70	55	45	61	64	63	63	58	58	60	62	60	58	59	62
<b>Total: K-5</b>	<b>402</b>	<b>386</b>	<b>385</b>	<b>366</b>	<b>339</b>	<b>355</b>	<b>368</b>	<b>355</b>	<b>351</b>	<b>348</b>	<b>343</b>	<b>344</b>	<b>346</b>	<b>347</b>	<b>347</b>	<b>353</b>	<b>361</b>	<b>368</b>

<b>Total: K-5</b>	<b>402</b>	<b>386</b>	<b>385</b>	<b>366</b>	<b>339</b>	<b>355</b>	<b>368</b>	<b>355</b>	<b>351</b>	<b>348</b>	<b>343</b>	<b>344</b>	<b>346</b>	<b>347</b>	<b>347</b>	<b>353</b>	<b>361</b>	<b>368</b>
<b>Change</b>		-16	-1	-19	-27	16	13	-13	-4	-3	-5	1	2	1	0	6	8	7
<b>Percent Change</b>		-4.0%	-0.3%	-4.9%	-7.4%	4.7%	3.7%	-3.5%	-1.1%	-0.9%	-1.4%	0.3%	0.6%	0.3%	0.0%	1.7%	2.3%	1.9%

Forecasts developed December 2023  
 Green cells (2023-24 and earlier) are historical data  
 Blue cells (2024-25 and later) are forecasted years

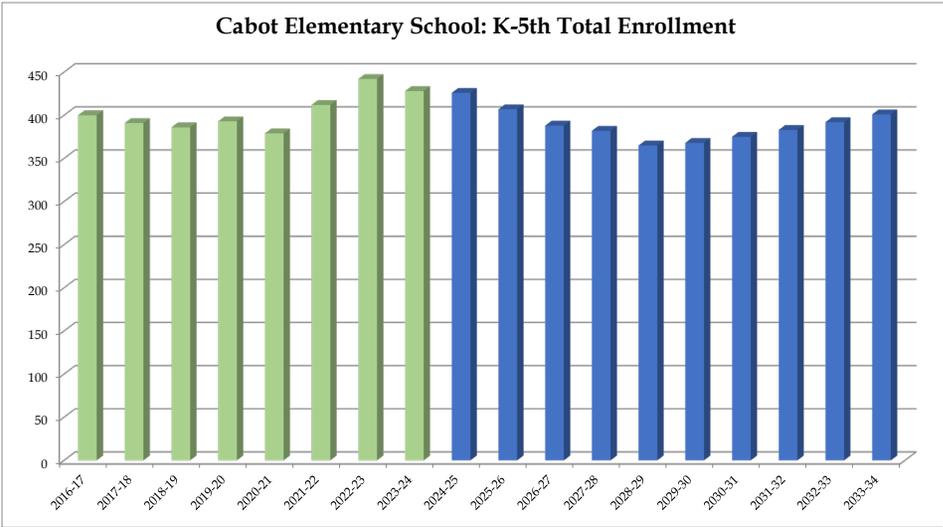


### Cabot Elementary

	2016-17	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	2033-34
<b>K</b>	52	57	60	66	56	57	72	54	55	55	54	55	56	58	59	60	61	63
<b>1</b>	56	57	59	65	71	75	60	73	58	59	58	57	58	59	61	62	63	64
<b>2</b>	76	64	61	62	63	86	89	66	76	61	62	61	60	61	63	65	66	67
<b>3</b>	69	68	67	60	63	66	84	84	67	78	62	63	62	61	63	65	67	68
<b>4</b>	76	65	70	68	57	68	70	85	83	69	81	63	64	63	63	65	67	69
<b>5</b>	71	80	69	72	69	60	67	66	87	85	71	83	65	66	66	66	68	70
<b>Total: K-5</b>	<b>400</b>	<b>391</b>	<b>386</b>	<b>393</b>	<b>379</b>	<b>412</b>	<b>442</b>	<b>428</b>	<b>426</b>	<b>407</b>	<b>388</b>	<b>382</b>	<b>365</b>	<b>368</b>	<b>375</b>	<b>383</b>	<b>392</b>	<b>401</b>

<b>Total: K-5</b>	<b>400</b>	<b>391</b>	<b>386</b>	<b>393</b>	<b>379</b>	<b>412</b>	<b>442</b>	<b>428</b>	<b>426</b>	<b>407</b>	<b>388</b>	<b>382</b>	<b>365</b>	<b>368</b>	<b>375</b>	<b>383</b>	<b>392</b>	<b>401</b>
<b>Change</b>		-9	-5	7	-14	33	30	-14	-2	-19	-19	-6	-17	3	7	8	9	9
<b>Percent Change</b>		-2.3%	-1.3%	1.8%	-3.6%	8.7%	7.3%	-3.2%	-0.5%	-4.5%	-4.7%	-1.5%	-4.5%	0.8%	1.9%	2.1%	2.3%	2.3%

Forecasts developed December 2023  
 Green cells (2023-24 and earlier) are historical data  
 Blue cells (2024-25 and later) are forecasted years

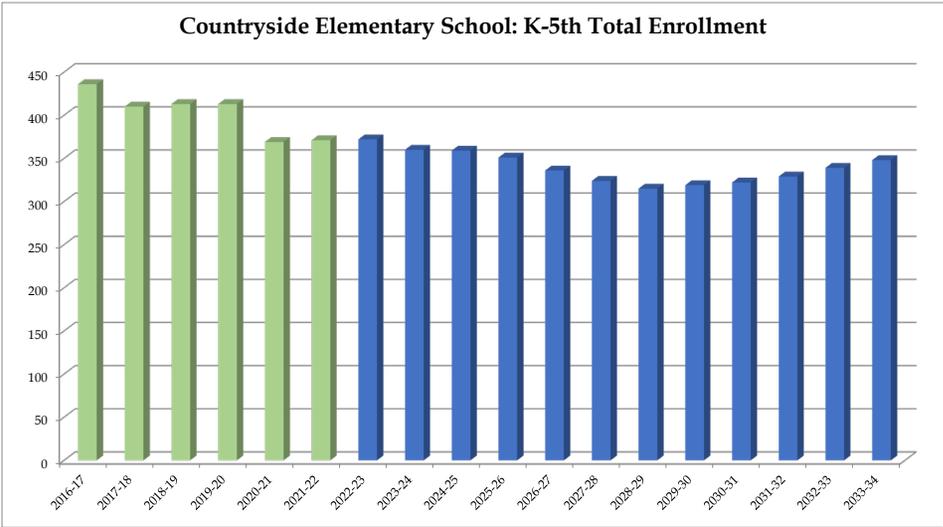


### Countryside Elementary

	2016-17	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	2033-34
<b>K</b>	63	56	59	55	54	58	56	43	48	47	46	47	48	49	50	52	53	54
<b>1</b>	77	65	64	68	57	65	64	60	49	51	50	48	49	51	52	53	54	55
<b>2</b>	81	69	66	67	62	47	65	67	62	51	53	53	50	51	54	55	56	57
<b>3</b>	66	77	67	72	66	66	55	68	68	63	52	55	55	52	53	57	58	59
<b>4</b>	73	73	81	66	69	65	63	62	69	69	65	54	57	57	54	56	60	61
<b>5</b>	76	70	76	85	61	70	69	60	63	70	70	67	56	59	59	56	58	62
<b>Total: K-5</b>	<b>436</b>	<b>410</b>	<b>413</b>	<b>413</b>	<b>369</b>	<b>371</b>	<b>372</b>	<b>360</b>	<b>359</b>	<b>351</b>	<b>336</b>	<b>324</b>	<b>315</b>	<b>319</b>	<b>322</b>	<b>329</b>	<b>339</b>	<b>348</b>

<b>Total: K-5</b>	<b>436</b>	<b>410</b>	<b>413</b>	<b>413</b>	<b>369</b>	<b>371</b>	<b>372</b>	<b>360</b>	<b>359</b>	<b>351</b>	<b>336</b>	<b>324</b>	<b>315</b>	<b>319</b>	<b>322</b>	<b>329</b>	<b>339</b>	<b>348</b>
<b>Change</b>		-26	3	0	-44	2	1	-12	-1	-8	-15	-12	-9	4	3	7	10	9
<b>Percent Change</b>		-6.0%	0.7%	0.0%	-10.7%	0.5%	0.3%	-3.2%	-0.3%	-2.2%	-4.3%	-3.6%	-2.8%	1.3%	0.9%	2.2%	3.0%	2.7%

Forecasts developed December 2023  
 Green cells (2023-24 and earlier) are historical data  
 Blue cells (2024-25 and later) are forecasted years

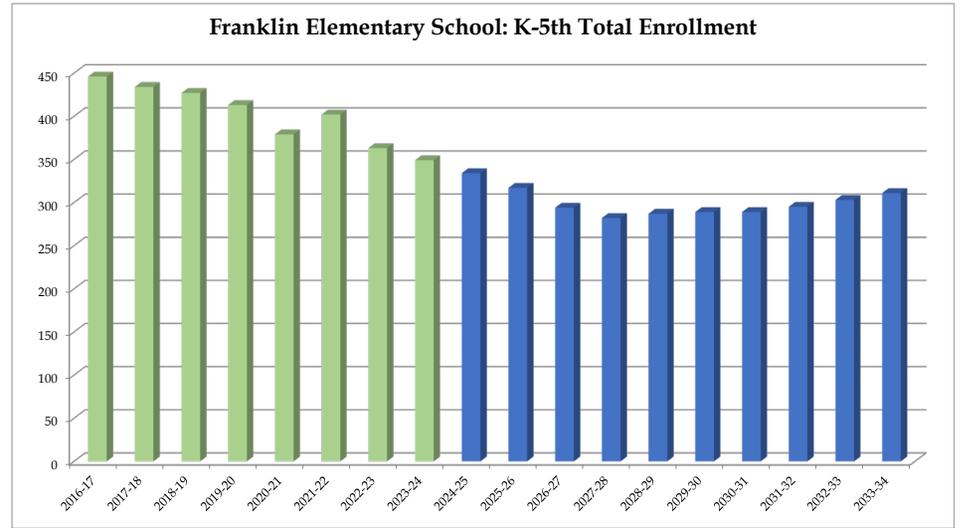


### Franklin Elementary

	2016-17	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	2033-34
<b>K</b>	79	62	59	65	57	57	40	44	47	45	45	46	47	48	49	51	52	52
<b>1</b>	67	85	64	61	60	68	61	44	48	49	47	46	47	48	49	51	52	53
<b>2</b>	89	63	85	66	61	61	70	59	44	48	49	47	46	47	48	49	52	53
<b>3</b>	77	85	61	83	66	69	60	72	60	44	49	50	48	47	48	49	50	53
<b>4</b>	64	74	86	57	80	66	67	63	71	59	44	49	50	48	47	48	49	51
<b>5</b>	70	65	72	81	55	81	65	67	64	72	60	44	49	51	48	47	48	49
<b>Total: K-5</b>	<b>446</b>	<b>434</b>	<b>427</b>	<b>413</b>	<b>379</b>	<b>402</b>	<b>363</b>	<b>349</b>	<b>334</b>	<b>317</b>	<b>294</b>	<b>282</b>	<b>287</b>	<b>289</b>	<b>289</b>	<b>295</b>	<b>303</b>	<b>311</b>

<b>Total: K-5</b>	<b>446</b>	<b>434</b>	<b>427</b>	<b>413</b>	<b>379</b>	<b>402</b>	<b>363</b>	<b>349</b>	<b>334</b>	<b>317</b>	<b>294</b>	<b>282</b>	<b>287</b>	<b>289</b>	<b>289</b>	<b>295</b>	<b>303</b>	<b>311</b>
<b>Change</b>		-12	-7	-14	-34	23	-39	-14	-15	-17	-23	-12	5	2	0	6	8	8
<b>Percent Change</b>		-2.7%	-1.6%	-3.3%	-8.2%	6.1%	-9.7%	-3.9%	-4.3%	-5.1%	-7.3%	-4.1%	1.8%	0.7%	0.0%	2.1%	2.7%	2.6%

Forecasts developed December 2023  
 Green cells (2023-24 and earlier) are historical data  
 Blue cells (2024-25 and later) are forecasted years

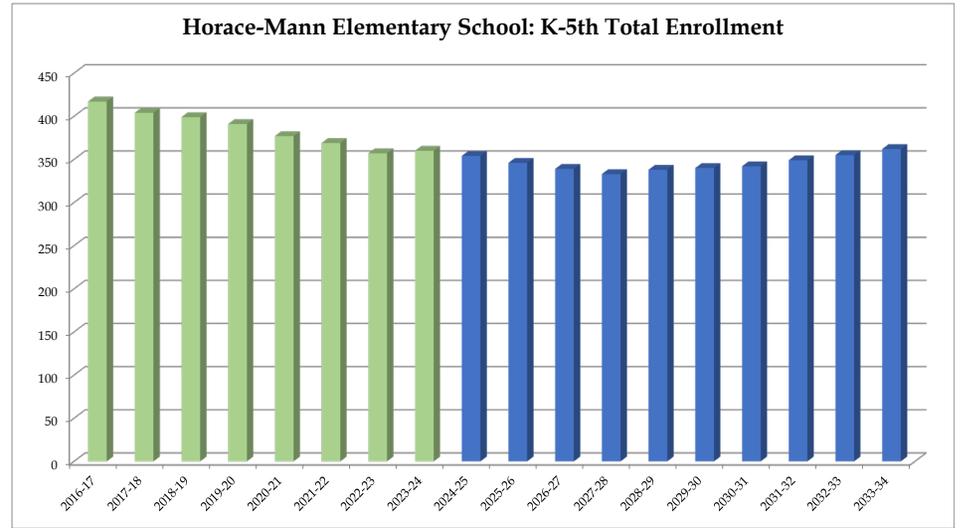


### Horace-Mann Elementary

	2016-17	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	2033-34
<b>K</b>	62	60	61	57	45	57	45	51	53	52	50	51	52	54	55	57	57	59
<b>1</b>	67	67	61	63	68	58	60	50	55	56	55	53	54	55	57	58	59	59
<b>2</b>	62	68	70	61	59	67	62	62	51	56	57	56	54	55	56	58	59	60
<b>3</b>	69	64	73	71	60	60	70	64	64	53	58	59	58	56	57	58	60	61
<b>4</b>	71	74	62	75	71	59	62	67	65	65	55	60	61	60	58	59	60	62
<b>5</b>	86	71	72	64	74	68	58	66	66	64	64	54	59	60	59	59	60	61
<b>Total: K-5</b>	<b>417</b>	<b>404</b>	<b>399</b>	<b>391</b>	<b>377</b>	<b>369</b>	<b>357</b>	<b>360</b>	<b>354</b>	<b>346</b>	<b>339</b>	<b>333</b>	<b>338</b>	<b>340</b>	<b>342</b>	<b>349</b>	<b>355</b>	<b>362</b>

<b>Total: K-5</b>	<b>417</b>	<b>404</b>	<b>399</b>	<b>391</b>	<b>377</b>	<b>369</b>	<b>357</b>	<b>360</b>	<b>354</b>	<b>346</b>	<b>339</b>	<b>333</b>	<b>338</b>	<b>340</b>	<b>342</b>	<b>349</b>	<b>355</b>	<b>362</b>
<b>Change</b>		-13	-5	-8	-14	-8	-12	3	-6	-8	-7	-6	5	2	2	7	6	7
<b>Percent Change</b>		-3.1%	-1.2%	-2.0%	-3.6%	-2.1%	-3.3%	0.8%	-1.7%	-2.3%	-2.0%	-1.8%	1.5%	0.6%	0.6%	2.0%	1.7%	2.0%

Forecasts developed December 2023  
 Green cells (2023-24 and earlier) are historical data  
 Blue cells (2024-25 and later) are forecasted years

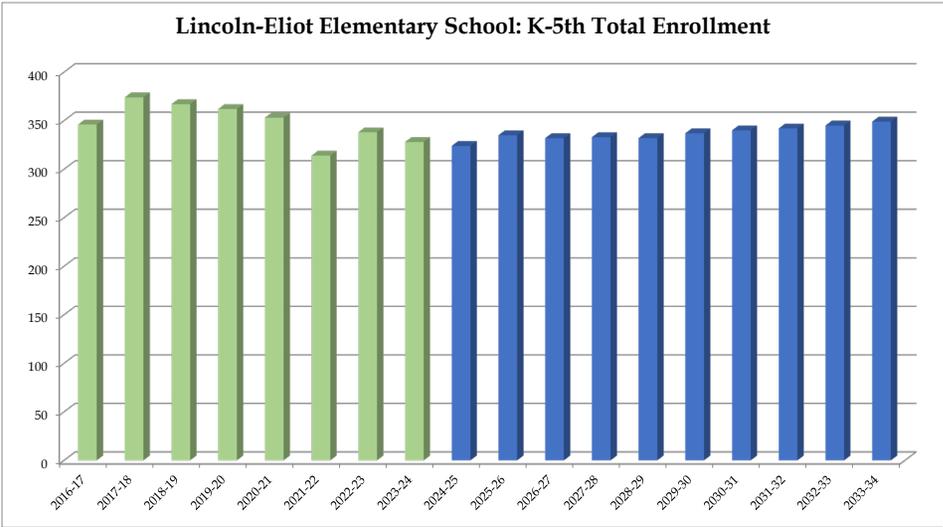


### Lincoln-Eliot Elementary

	2016-17	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	2033-34
<b>K</b>	62	67	57	55	57	40	55	47	53	53	54	54	55	55	56	56	57	58
<b>1</b>	55	67	62	68	55	58	52	58	52	54	54	55	55	56	56	57	57	58
<b>2</b>	57	59	64	66	67	47	64	56	59	53	56	56	57	57	58	57	58	58
<b>3</b>	63	57	54	58	66	59	45	59	54	57	51	54	54	55	55	57	56	57
<b>4</b>	51	65	63	53	55	57	64	44	61	56	59	53	56	56	57	57	59	58
<b>5</b>	58	59	67	62	53	53	58	64	45	62	58	61	55	58	58	58	58	60
<b>Total: K-5</b>	<b>346</b>	<b>374</b>	<b>367</b>	<b>362</b>	<b>353</b>	<b>314</b>	<b>338</b>	<b>328</b>	<b>324</b>	<b>335</b>	<b>332</b>	<b>333</b>	<b>332</b>	<b>337</b>	<b>340</b>	<b>342</b>	<b>345</b>	<b>349</b>

<b>Total: K-5</b>	<b>346</b>	<b>374</b>	<b>367</b>	<b>362</b>	<b>353</b>	<b>314</b>	<b>338</b>	<b>328</b>	<b>324</b>	<b>335</b>	<b>332</b>	<b>333</b>	<b>332</b>	<b>337</b>	<b>340</b>	<b>342</b>	<b>345</b>	<b>349</b>
<b>Change</b>		28	-7	-5	-9	-39	24	-10	-4	11	-3	1	-1	5	3	2	3	4
<b>Percent Change</b>		8.1%	-1.9%	-1.4%	-2.5%	-11.0%	7.6%	-3.0%	-1.2%	3.4%	-0.9%	0.3%	-0.3%	1.5%	0.9%	0.6%	0.9%	1.2%

Forecasts developed December 2023  
 Green cells (2023-24 and earlier) are historical data  
 Blue cells (2024-25 and later) are forecasted years

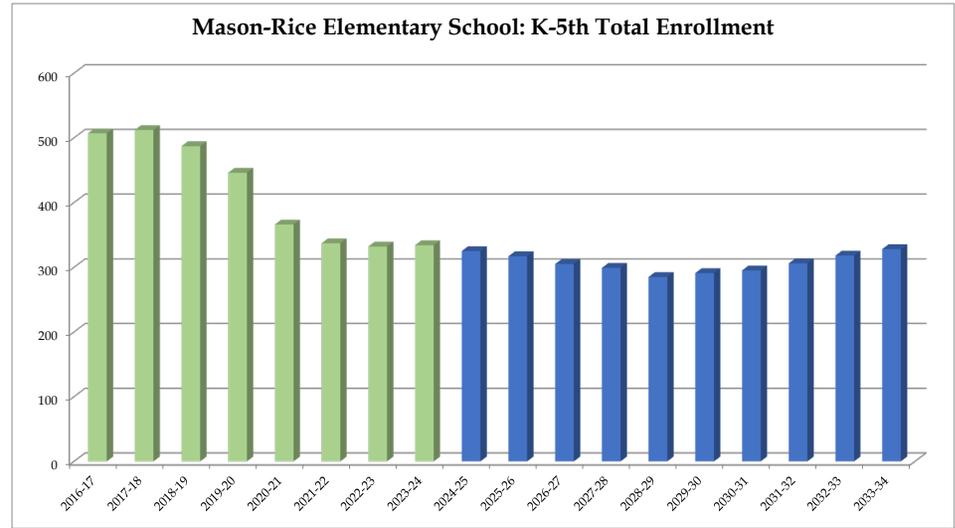


### Mason-Rice Elementary

	2016-17	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	2033-34
<b>K</b>	67	68	56	58	45	44	51	40	44	43	44	45	46	48	49	51	52	53
<b>1</b>	90	67	68	61	52	50	49	60	45	46	45	45	46	47	49	51	52	53
<b>2</b>	99	89	77	67	53	57	58	54	62	46	48	47	47	48	49	51	54	56
<b>3</b>	93	103	92	78	64	56	56	61	55	63	47	49	48	48	50	51	53	56
<b>4</b>	90	96	98	91	69	63	55	58	62	56	64	48	50	49	49	52	53	55
<b>5</b>	68	89	96	91	83	67	63	61	57	63	57	65	48	51	49	50	54	55
<b>Total: K-5</b>	<b>507</b>	<b>512</b>	<b>487</b>	<b>446</b>	<b>366</b>	<b>337</b>	<b>332</b>	<b>334</b>	<b>325</b>	<b>317</b>	<b>305</b>	<b>299</b>	<b>285</b>	<b>291</b>	<b>295</b>	<b>306</b>	<b>318</b>	<b>328</b>

<b>Total: K-5</b>	<b>507</b>	<b>512</b>	<b>487</b>	<b>446</b>	<b>366</b>	<b>337</b>	<b>332</b>	<b>334</b>	<b>325</b>	<b>317</b>	<b>305</b>	<b>299</b>	<b>285</b>	<b>291</b>	<b>295</b>	<b>306</b>	<b>318</b>	<b>328</b>
<b>Change</b>		5	-25	-41	-80	-29	-5	2	-9	-8	-12	-6	-14	6	4	11	12	10
<b>Percent Change</b>		1.0%	-4.9%	-8.4%	-17.9%	-7.9%	-1.5%	0.6%	-2.7%	-2.5%	-3.8%	-2.0%	-4.7%	2.1%	1.4%	3.7%	3.9%	3.1%

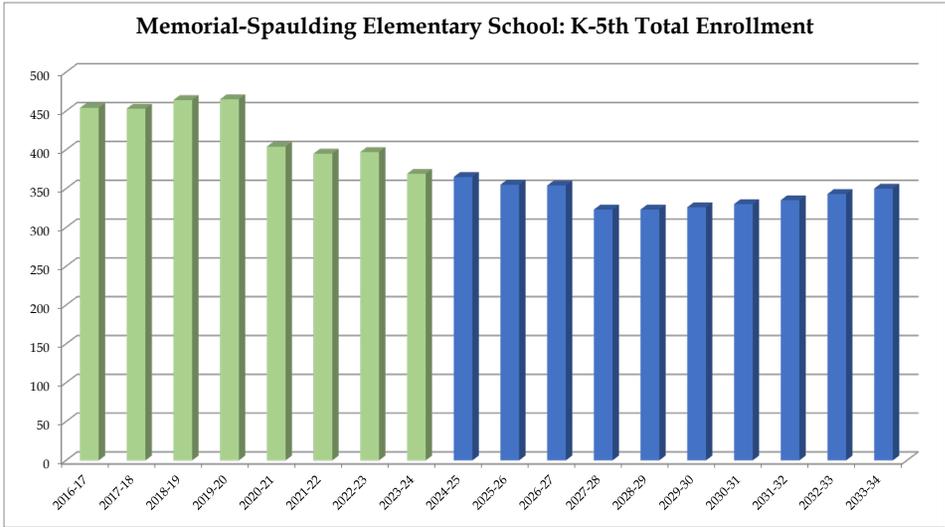
Forecasts developed December 2023  
 Green cells (2023-24 and earlier) are historical data  
 Blue cells (2024-25 and later) are forecasted years



### Memorial-Spaulling Elementary

	2016-17	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	2033-34
<b>K</b>	71	75	60	51	49	67	56	46	50	49	48	49	50	52	53	54	55	56
<b>1</b>	84	74	79	63	53	51	86	53	52	53	52	50	51	52	54	55	56	57
<b>2</b>	85	79	79	83	59	57	49	83	54	53	55	54	52	53	54	56	57	58
<b>3</b>	74	86	82	84	80	61	62	57	84	55	54	56	55	53	55	56	58	59
<b>4</b>	72	72	89	91	82	78	63	66	58	86	57	56	58	57	55	57	58	60
<b>5</b>	68	67	75	93	81	81	81	64	67	59	88	58	57	59	59	57	59	60
<b>Total: K-5</b>	<b>454</b>	<b>453</b>	<b>464</b>	<b>465</b>	<b>404</b>	<b>395</b>	<b>397</b>	<b>369</b>	<b>365</b>	<b>355</b>	<b>354</b>	<b>323</b>	<b>323</b>	<b>326</b>	<b>330</b>	<b>335</b>	<b>343</b>	<b>350</b>
<b>Change</b>		-1	11	1	-61	-9	2	-28	-4	-10	-1	-31	0	3	4	5	8	7
<b>Percent Change</b>		-0.2%	2.4%	0.2%	-13.1%	-2.2%	0.5%	-7.1%	-1.1%	-2.7%	-0.3%	-8.8%	0.0%	0.9%	1.2%	1.5%	2.4%	2.0%

Forecasts developed December 2023  
 Green cells (2023-24 and earlier) are historical data  
 Blue cells (2024-25 and later) are forecasted years

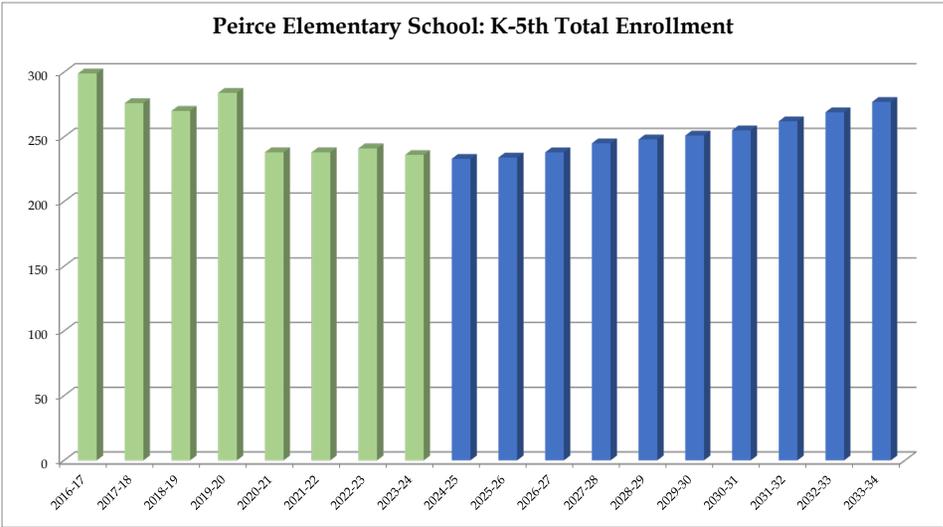


### Peirce Elementary

	2016-17	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	2033-34
<b>K</b>	38	41	44	43	32	33	36	36	39	38	38	39	40	41	43	45	46	48
<b>1</b>	42	44	44	49	34	37	36	39	40	41	40	40	41	42	43	45	46	47
<b>2</b>	60	43	44	47	49	37	38	36	40	41	42	41	41	42	43	44	46	47
<b>3</b>	44	61	43	43	40	50	39	40	37	41	42	43	42	42	43	44	45	47
<b>4</b>	53	38	58	45	41	37	48	40	39	36	41	42	43	42	42	43	44	45
<b>5</b>	62	49	37	57	42	44	44	45	38	37	35	40	41	42	41	41	42	43
<b>Total: K-5</b>	<b>299</b>	<b>276</b>	<b>270</b>	<b>284</b>	<b>238</b>	<b>238</b>	<b>241</b>	<b>236</b>	<b>233</b>	<b>234</b>	<b>238</b>	<b>245</b>	<b>248</b>	<b>251</b>	<b>255</b>	<b>262</b>	<b>269</b>	<b>277</b>

<b>Total: K-5</b>	<b>299</b>	<b>276</b>	<b>270</b>	<b>284</b>	<b>238</b>	<b>238</b>	<b>241</b>	<b>236</b>	<b>233</b>	<b>234</b>	<b>238</b>	<b>245</b>	<b>248</b>	<b>251</b>	<b>255</b>	<b>262</b>	<b>269</b>	<b>277</b>
<b>Change</b>		-23	-6	14	-46	0	3	-5	-3	1	4	7	3	3	4	7	7	8
<b>Percent Change</b>		-7.7%	-2.2%	5.2%	-16.2%	0.0%	1.3%	-2.1%	-1.3%	0.4%	1.7%	2.9%	1.2%	1.2%	1.6%	2.7%	2.7%	3.0%

Forecasts developed December 2023  
 Green cells (2023-24 and earlier) are historical data  
 Blue cells (2024-25 and later) are forecasted years

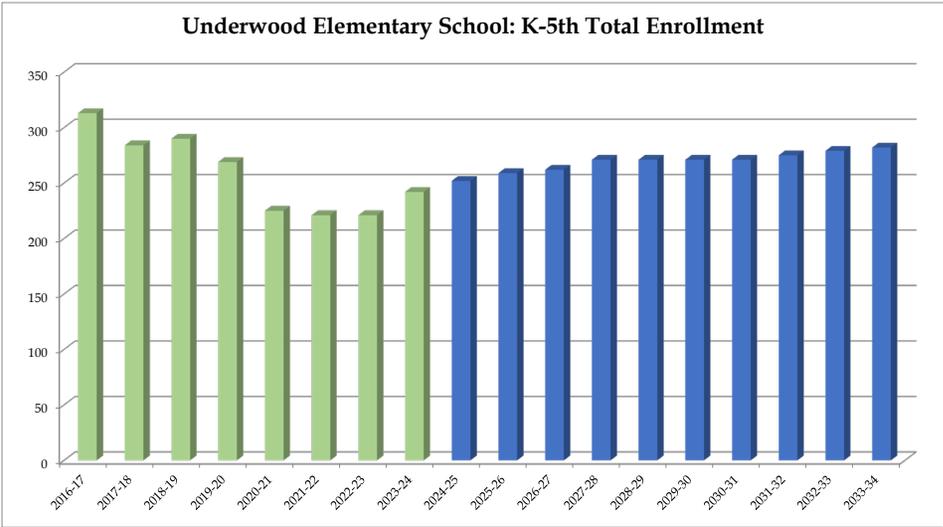


### Underwood Elementary

	2016-17	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	2033-34
<b>K</b>	47	35	43	42	33	33	37	37	43	41	41	41	42	43	44	46	46	45
<b>1</b>	44	47	40	40	39	40	38	45	46	47	45	44	44	45	46	47	48	48
<b>2</b>	65	40	49	36	39	41	44	36	45	46	47	45	44	44	45	46	47	48
<b>3</b>	48	61	45	45	31	36	35	44	36	45	46	47	45	44	44	45	46	47
<b>4</b>	55	47	66	42	42	27	41	38	44	36	46	47	48	46	45	45	46	47
<b>5</b>	54	54	47	64	41	44	26	42	38	44	37	47	48	49	47	46	46	47
<b>Total: K-5</b>	<b>313</b>	<b>284</b>	<b>290</b>	<b>269</b>	<b>225</b>	<b>221</b>	<b>221</b>	<b>242</b>	<b>252</b>	<b>259</b>	<b>262</b>	<b>271</b>	<b>271</b>	<b>271</b>	<b>271</b>	<b>275</b>	<b>279</b>	<b>282</b>

<b>Total: K-5</b>	<b>313</b>	<b>284</b>	<b>290</b>	<b>269</b>	<b>225</b>	<b>221</b>	<b>221</b>	<b>242</b>	<b>252</b>	<b>259</b>	<b>262</b>	<b>271</b>	<b>271</b>	<b>271</b>	<b>271</b>	<b>275</b>	<b>279</b>	<b>282</b>
<b>Change</b>		-29	6	-21	-44	-4	0	21	10	7	3	9	0	0	0	4	4	3
<b>Percent Change</b>		-9.3%	2.1%	-7.2%	-16.4%	-1.8%	0.0%	9.5%	4.1%	2.8%	1.2%	3.4%	0.0%	0.0%	0.0%	1.5%	1.5%	1.1%

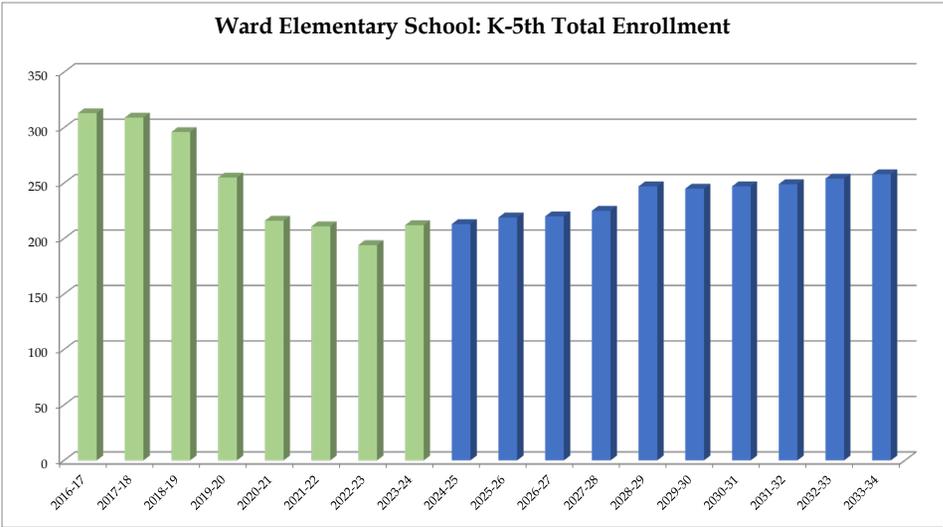
Forecasts developed December 2023  
 Green cells (2023-24 and earlier) are historical data  
 Blue cells (2024-25 and later) are forecasted years



### Ward Elementary

	2016-17	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	2033-34
<b>K</b>	49	35	41	34	29	31	16	42	36	35	35	36	37	38	39	40	41	42
<b>1</b>	45	52	39	40	37	37	33	21	43	39	38	37	38	39	40	41	42	43
<b>2</b>	54	49	47	35	37	37	42	35	21	44	41	40	38	40	41	41	42	43
<b>3</b>	56	57	51	45	30	42	35	42	36	21	46	43	42	40	42	42	42	43
<b>4</b>	58	56	58	47	41	26	41	34	43	37	22	47	44	43	41	43	43	43
<b>5</b>	51	60	60	54	42	38	27	38	34	43	38	22	48	45	44	42	44	44
<b>Total: K-5</b>	<b>313</b>	<b>309</b>	<b>296</b>	<b>255</b>	<b>216</b>	<b>211</b>	<b>194</b>	<b>212</b>	<b>213</b>	<b>219</b>	<b>220</b>	<b>225</b>	<b>247</b>	<b>245</b>	<b>247</b>	<b>249</b>	<b>254</b>	<b>258</b>
<b>Total: K-5</b>	<b>313</b>	<b>309</b>	<b>296</b>	<b>255</b>	<b>216</b>	<b>211</b>	<b>194</b>	<b>212</b>	<b>213</b>	<b>219</b>	<b>220</b>	<b>225</b>	<b>247</b>	<b>245</b>	<b>247</b>	<b>249</b>	<b>254</b>	<b>258</b>
<b>Change</b>		-4	-13	-41	-39	-5	-17	18	1	6	1	5	22	-2	2	2	5	4
<b>Percent Change</b>		-1.3%	-4.2%	-13.9%	-15.3%	-2.3%	-8.1%	9.3%	0.5%	2.8%	0.5%	2.3%	9.8%	-0.8%	0.8%	0.8%	2.0%	1.6%

Forecasts developed December 2023  
 Green cells (2023-24 and earlier) are historical data  
 Blue cells (2024-25 and later) are forecasted years

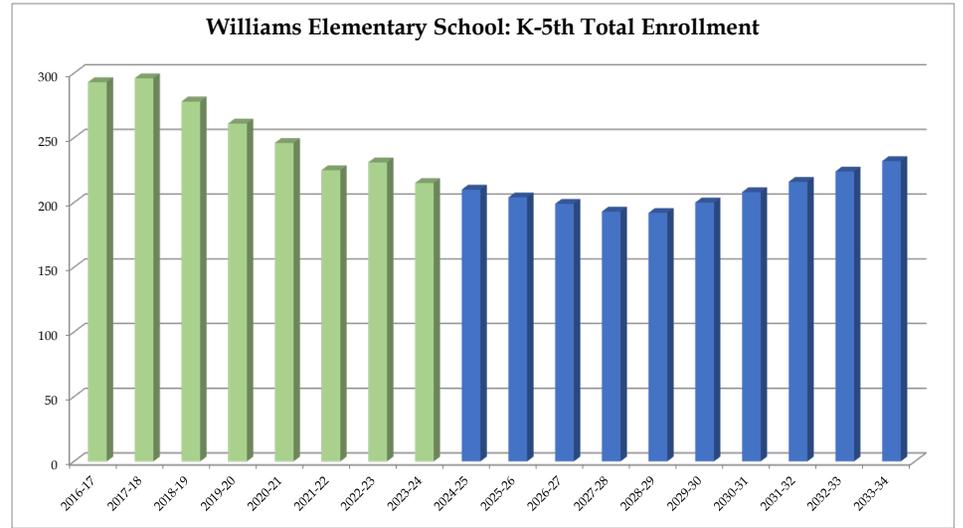


### Williams Elementary

	2016-17	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	2033-34
<b>K</b>	44	47	47	38	32	38	40	26	31	31	31	32	33	34	35	36	37	39
<b>1</b>	65	45	51	40	36	35	39	35	30	32	32	32	33	34	35	36	37	38
<b>2</b>	44	65	42	51	38	37	34	41	36	31	33	33	33	34	36	37	38	39
<b>3</b>	43	40	58	39	46	40	39	37	40	35	30	32	32	33	35	37	38	39
<b>4</b>	58	45	37	56	39	39	39	38	37	40	35	30	32	33	34	36	38	39
<b>5</b>	39	54	43	37	55	36	40	38	36	35	38	34	29	32	33	34	36	38
<b>Total: K-5</b>	<b>293</b>	<b>296</b>	<b>278</b>	<b>261</b>	<b>246</b>	<b>225</b>	<b>231</b>	<b>215</b>	<b>210</b>	<b>204</b>	<b>199</b>	<b>193</b>	<b>192</b>	<b>200</b>	<b>208</b>	<b>216</b>	<b>224</b>	<b>232</b>

<b>Total: K-5</b>	<b>293</b>	<b>296</b>	<b>278</b>	<b>261</b>	<b>246</b>	<b>225</b>	<b>231</b>	<b>215</b>	<b>210</b>	<b>204</b>	<b>199</b>	<b>193</b>	<b>192</b>	<b>200</b>	<b>208</b>	<b>216</b>	<b>224</b>	<b>232</b>
<b>Change</b>		3	-18	-17	-15	-21	6	-16	-5	-6	-5	-6	-1	8	8	8	8	8
<b>Percent Change</b>		1.0%	-6.1%	-6.1%	-5.7%	-8.5%	2.7%	-6.9%	-2.3%	-2.9%	-2.5%	-3.0%	-0.5%	4.2%	4.0%	3.8%	3.7%	3.6%

Forecasts developed December 2023  
 Green cells (2023-24 and earlier) are historical data  
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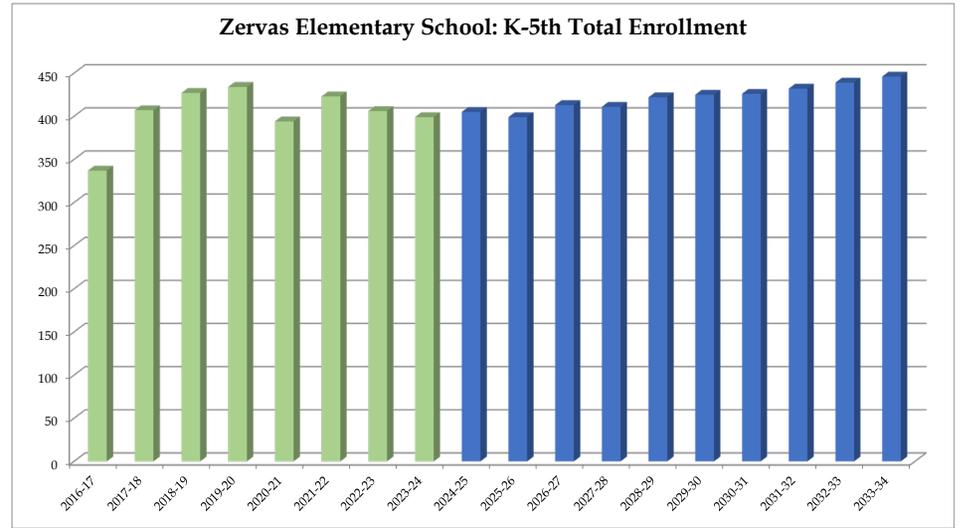


### Zervas Elementary

	2016-17	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	2033-34
<b>K</b>	65	58	68	79	42	68	55	67	65	63	63	64	65	67	67	69	70	71
<b>1</b>	56	84	68	76	75	60	68	58	68	69	67	66	67	68	70	71	72	73
<b>2</b>	57	64	86	64	73	76	60	73	60	70	72	70	69	70	71	73	74	75
<b>3</b>	57	70	63	83	65	72	79	59	74	61	71	73	71	70	71	72	74	75
<b>4</b>	55	65	76	61	82	69	74	76	60	75	63	73	75	73	72	73	74	76
<b>5</b>	47	66	66	71	57	78	70	66	78	61	77	65	75	77	75	74	75	76
<b>Total: K-5</b>	<b>337</b>	<b>407</b>	<b>427</b>	<b>434</b>	<b>394</b>	<b>423</b>	<b>406</b>	<b>399</b>	<b>405</b>	<b>399</b>	<b>413</b>	<b>411</b>	<b>422</b>	<b>425</b>	<b>426</b>	<b>432</b>	<b>439</b>	<b>446</b>

<b>Total: K-5</b>	337	407	427	434	394	423	406	399	405	399	413	411	422	425	426	432	439	446
<b>Change</b>		70	20	7	-40	29	-17	-7	6	-6	14	-2	11	3	1	6	7	7
<b>Percent Change</b>		20.8%	4.9%	1.6%	-9.2%	7.4%	-4.0%	-1.7%	1.5%	-1.5%	3.5%	-0.5%	2.7%	0.7%	0.2%	1.4%	1.6%	1.6%

Forecasts developed December 2023  
 Green cells (2023-24 and earlier) are historical data  
 Blue cells (2024-25 and later) are forecasted years

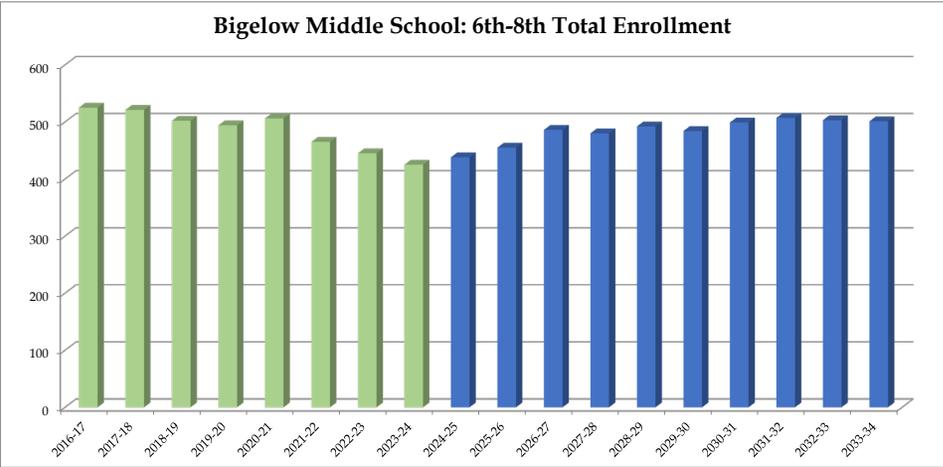


### Bigelow MS

	2016-17	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	2033-34
6	178	163	171	162	168	144	132	146	161	147	175	154	158	167	169	166	163	167
7	184	171	157	176	164	163	145	132	145	162	148	177	156	160	169	171	168	165
8	163	187	174	156	174	158	168	147	132	146	163	149	178	157	161	170	172	169
<b>Total: 6-8</b>	<b>525</b>	<b>521</b>	<b>502</b>	<b>494</b>	<b>506</b>	<b>465</b>	<b>445</b>	<b>425</b>	<b>438</b>	<b>455</b>	<b>486</b>	<b>480</b>	<b>492</b>	<b>484</b>	<b>499</b>	<b>507</b>	<b>503</b>	<b>501</b>

<b>Total: 6-8</b>	<b>525</b>	<b>521</b>	<b>502</b>	<b>494</b>	<b>506</b>	<b>465</b>	<b>445</b>	<b>425</b>	<b>438</b>	<b>455</b>	<b>486</b>	<b>480</b>	<b>492</b>	<b>484</b>	<b>499</b>	<b>507</b>	<b>503</b>	<b>501</b>
<b>Change</b>		-4	-19	-8	12	-41	-20	-20	13	17	31	-6	12	-8	15	8	-4	-2
<b>Percent Change</b>		-0.8%	-3.6%	-1.6%	2.4%	-8.1%	-4.3%	-4.5%	3.1%	3.9%	6.8%	-1.2%	2.5%	-1.6%	3.1%	1.6%	-0.8%	-0.4%

Forecasts developed December 2023  
 Green cells (2023-24 and earlier) are historical data  
 Blue cells (2024-25 and later) are forecasted years

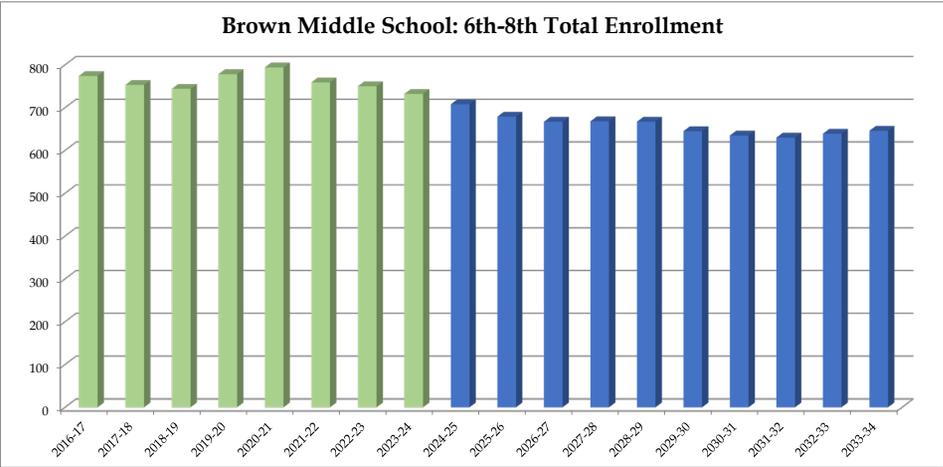


### Brown MS

	2016-17	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	2033-34
6	241	230	274	263	271	241	245	237	221	218	223	221	217	201	211	212	210	218
7	281	240	231	277	253	270	240	248	238	222	220	225	223	219	203	213	214	212
8	252	283	239	238	270	248	265	247	249	239	224	222	227	225	221	205	215	216
<b>Total: 6-8</b>	<b>774</b>	<b>753</b>	<b>744</b>	<b>778</b>	<b>794</b>	<b>759</b>	<b>750</b>	<b>732</b>	<b>708</b>	<b>679</b>	<b>667</b>	<b>668</b>	<b>667</b>	<b>645</b>	<b>635</b>	<b>630</b>	<b>639</b>	<b>646</b>

<b>Total: 6-8</b>	<b>774</b>	<b>753</b>	<b>744</b>	<b>778</b>	<b>794</b>	<b>759</b>	<b>750</b>	<b>732</b>	<b>708</b>	<b>679</b>	<b>667</b>	<b>668</b>	<b>667</b>	<b>645</b>	<b>635</b>	<b>630</b>	<b>639</b>	<b>646</b>
<b>Change</b>		-21	-9	34	16	-35	-9	-18	-24	-29	-12	1	-1	-22	-10	-5	9	7
<b>Percent Change</b>		-2.7%	-1.2%	4.6%	2.1%	-4.4%	-1.2%	-2.4%	-3.3%	-4.1%	-1.8%	0.1%	-0.1%	-3.3%	-1.6%	-0.8%	1.4%	1.1%

Forecasts developed December 2023  
 Green cells (2023-24 and earlier) are historical data  
 Blue cells (2024-25 and later) are forecasted years

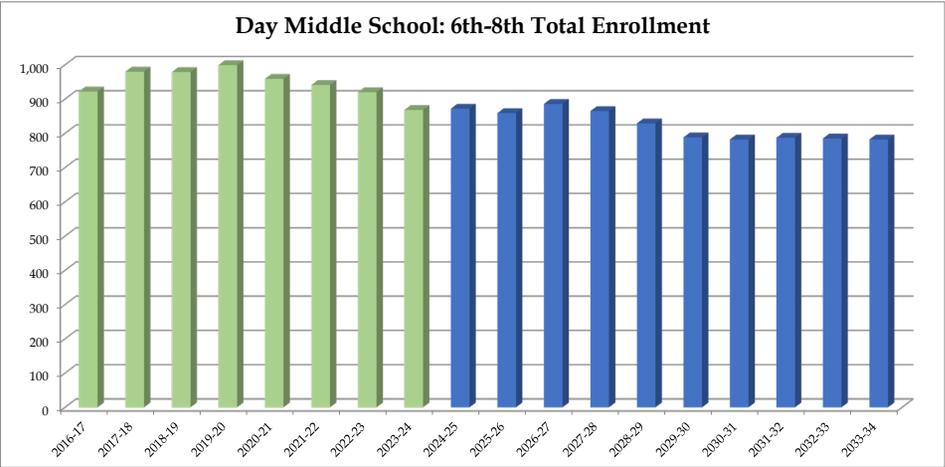


### Day MS

	2016-17	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	2033-34
6	309	351	325	330	336	296	296	272	292	292	299	271	255	259	265	260	257	262
7	318	304	351	329	309	328	290	305	273	293	293	300	272	256	260	266	261	258
8	295	325	303	340	314	317	334	291	307	274	294	294	302	273	257	261	267	262
<b>Total: 6-8</b>	<b>922</b>	<b>980</b>	<b>979</b>	<b>999</b>	<b>959</b>	<b>941</b>	<b>920</b>	<b>868</b>	<b>872</b>	<b>859</b>	<b>886</b>	<b>865</b>	<b>829</b>	<b>788</b>	<b>782</b>	<b>787</b>	<b>785</b>	<b>782</b>

<b>Total: 6-8</b>	<b>922</b>	<b>980</b>	<b>979</b>	<b>999</b>	<b>959</b>	<b>941</b>	<b>920</b>	<b>868</b>	<b>872</b>	<b>859</b>	<b>886</b>	<b>865</b>	<b>829</b>	<b>788</b>	<b>782</b>	<b>787</b>	<b>785</b>	<b>782</b>
<b>Change</b>		58	-1	20	-40	-18	-21	-52	4	-13	27	-21	-36	-41	-6	5	-2	-3
<b>Percent Change</b>		6.3%	-0.1%	2.0%	-4.0%	-1.9%	-2.2%	-5.7%	0.5%	-1.5%	3.1%	-2.4%	-4.2%	-4.9%	-0.8%	0.6%	-0.3%	-0.4%

Forecasts developed December 2023  
 Green cells (2023-24 and earlier) are historical data  
 Blue cells (2024-25 and later) are forecasted years

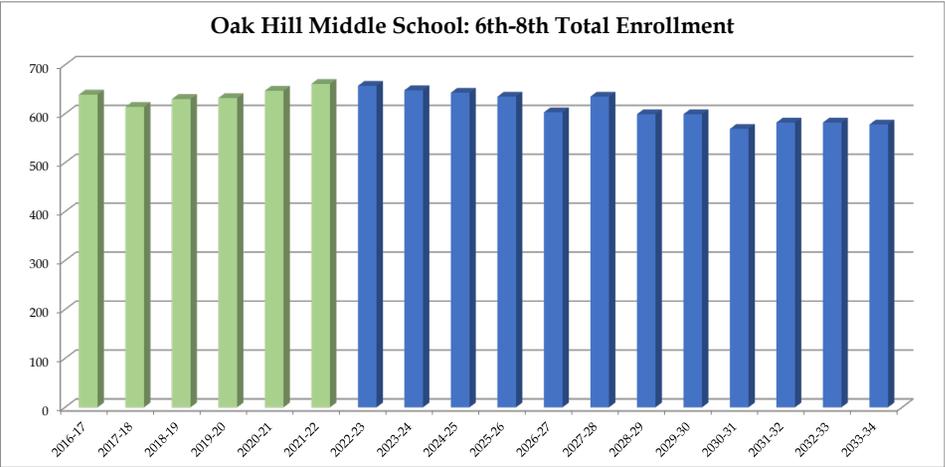


### Oak Hill MS

	2016-17	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	2033-34
6	233	187	205	240	224	201	226	222	195	215	188	226	179	188	196	192	188	192
7	189	233	193	202	231	231	203	224	223	196	217	190	228	181	190	198	194	190
8	217	194	232	190	192	229	228	202	225	224	198	219	192	230	183	192	200	196
<b>Total: 6-8</b>	<b>639</b>	<b>614</b>	<b>630</b>	<b>632</b>	<b>647</b>	<b>661</b>	<b>657</b>	<b>648</b>	<b>643</b>	<b>635</b>	<b>603</b>	<b>635</b>	<b>599</b>	<b>599</b>	<b>569</b>	<b>582</b>	<b>582</b>	<b>578</b>

<b>Total: 6-8</b>	<b>639</b>	<b>614</b>	<b>630</b>	<b>632</b>	<b>647</b>	<b>661</b>	<b>657</b>	<b>648</b>	<b>643</b>	<b>635</b>	<b>603</b>	<b>635</b>	<b>599</b>	<b>599</b>	<b>569</b>	<b>582</b>	<b>582</b>	<b>578</b>
<b>Change</b>		-25	16	2	15	14	-4	-9	-5	-8	-32	32	-36	0	-30	13	0	-4
<b>Percent Change</b>		-3.9%	2.6%	0.3%	2.4%	2.2%	-0.6%	-1.4%	-0.8%	-1.2%	-5.0%	5.3%	-5.7%	0.0%	-5.0%	2.3%	0.0%	-0.7%

Forecasts developed December 2023  
 Green cells (2023-24 and earlier) are historical data  
 Blue cells (2024-25 and later) are forecasted years

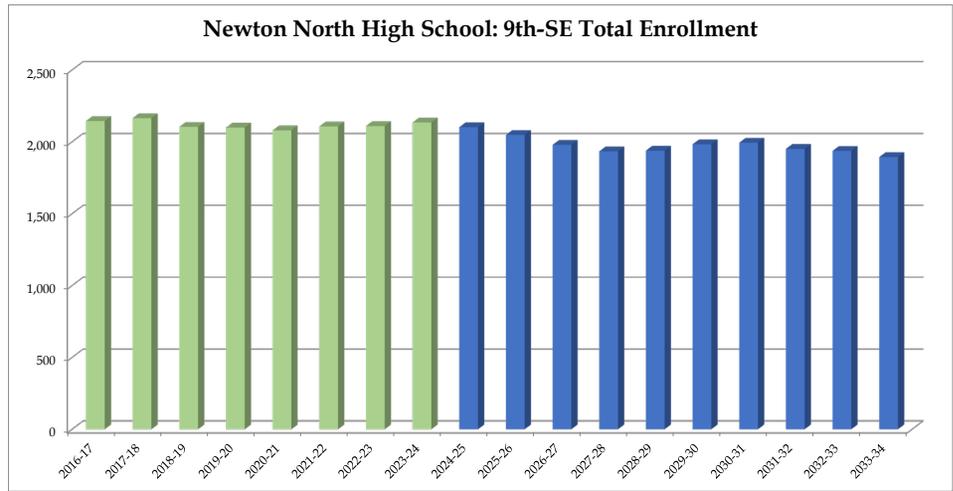


### Newton North High School

	2016-17	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	2033-34
9	511	501	539	503	516	517	515	537	471	472	452	491	476	516	462	449	463	472
10	524	511	499	539	494	520	539	529	545	478	479	459	498	483	524	469	456	470
11	552	539	522	500	539	493	518	530	526	542	476	477	457	496	481	521	467	454
12	474	543	544	529	502	547	501	506	527	523	539	474	475	455	494	479	518	465
SE	84	71	0	28	29	30	37	33	33	33	33	33	33	33	33	33	33	33
<b>Total: 9-SE</b>	<b>2145</b>	<b>2165</b>	<b>2104</b>	<b>2099</b>	<b>2080</b>	<b>2107</b>	<b>2110</b>	<b>2135</b>	<b>2102</b>	<b>2048</b>	<b>1979</b>	<b>1934</b>	<b>1939</b>	<b>1983</b>	<b>1994</b>	<b>1951</b>	<b>1937</b>	<b>1894</b>

<b>Total: 9-SE</b>	<b>2145</b>	<b>2165</b>	<b>2104</b>	<b>2099</b>	<b>2080</b>	<b>2107</b>	<b>2110</b>	<b>2135</b>	<b>2102</b>	<b>2048</b>	<b>1979</b>	<b>1934</b>	<b>1939</b>	<b>1983</b>	<b>1994</b>	<b>1951</b>	<b>1937</b>	<b>1894</b>
<b>Change</b>		20	-61	-5	-19	27	3	25	-33	-54	-69	-45	5	44	11	-43	-14	-43
<b>Percent Change</b>		0.9%	-2.8%	-0.2%	-0.9%	1.3%	0.1%	1.2%	-1.5%	-2.6%	-3.4%	-2.3%	0.3%	2.3%	0.6%	-2.2%	-0.7%	-2.2%

Forecasts developed December 2023  
 Green cells (2023-24 and earlier) are historical data  
 Blue cells (2024-25 and later) are forecasted years

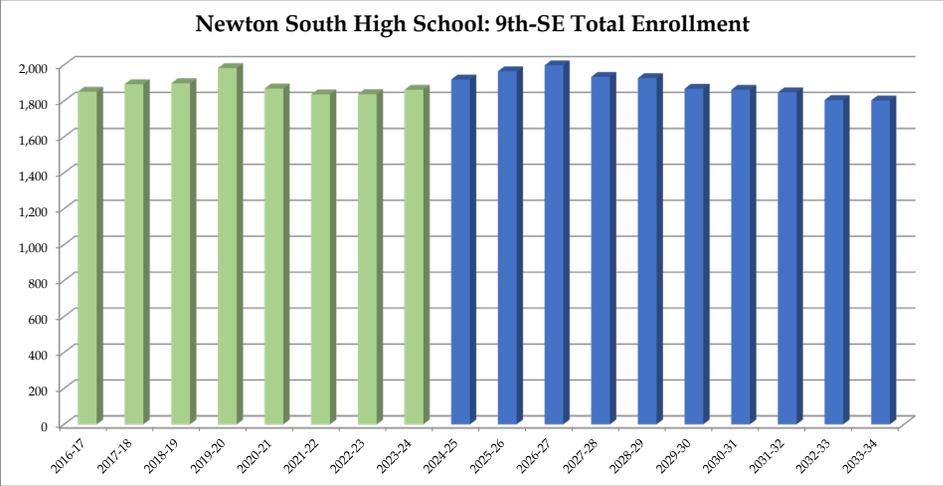


### Newton South High School

	2016-17	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	2033-34
9	481	479	479	494	413	443	460	503	469	495	484	441	461	438	478	424	417	436
10	452	487	491	497	485	422	456	459	511	476	502	491	448	468	445	488	432	425
11	455	449	489	500	479	478	432	464	466	519	483	510	498	455	475	452	495	438
12	451	463	439	491	491	493	485	434	471	473	527	490	518	505	462	482	459	502
SE	12	15	0	1	1	0	4	2	2	2	2	2	2	2	2	2	2	2
<b>Total: 9-SE</b>	<b>1851</b>	<b>1893</b>	<b>1898</b>	<b>1983</b>	<b>1869</b>	<b>1836</b>	<b>1837</b>	<b>1862</b>	<b>1919</b>	<b>1965</b>	<b>1998</b>	<b>1934</b>	<b>1927</b>	<b>1868</b>	<b>1862</b>	<b>1848</b>	<b>1805</b>	<b>1803</b>

<b>Total: 9-SE</b>	<b>1851</b>	<b>1893</b>	<b>1898</b>	<b>1983</b>	<b>1869</b>	<b>1836</b>	<b>1837</b>	<b>1862</b>	<b>1919</b>	<b>1965</b>	<b>1998</b>	<b>1934</b>	<b>1927</b>	<b>1868</b>	<b>1862</b>	<b>1848</b>	<b>1805</b>	<b>1803</b>
<b>Change</b>		42	5	85	-114	-33	1	25	57	46	33	-64	-7	-59	-6	-14	-43	-2
<b>Percent Change</b>		2.3%	0.3%	4.5%	-5.7%	-1.8%	0.1%	1.4%	3.1%	2.4%	1.7%	-3.2%	-0.4%	-3.1%	-0.3%	-0.8%	-2.3%	-0.1%

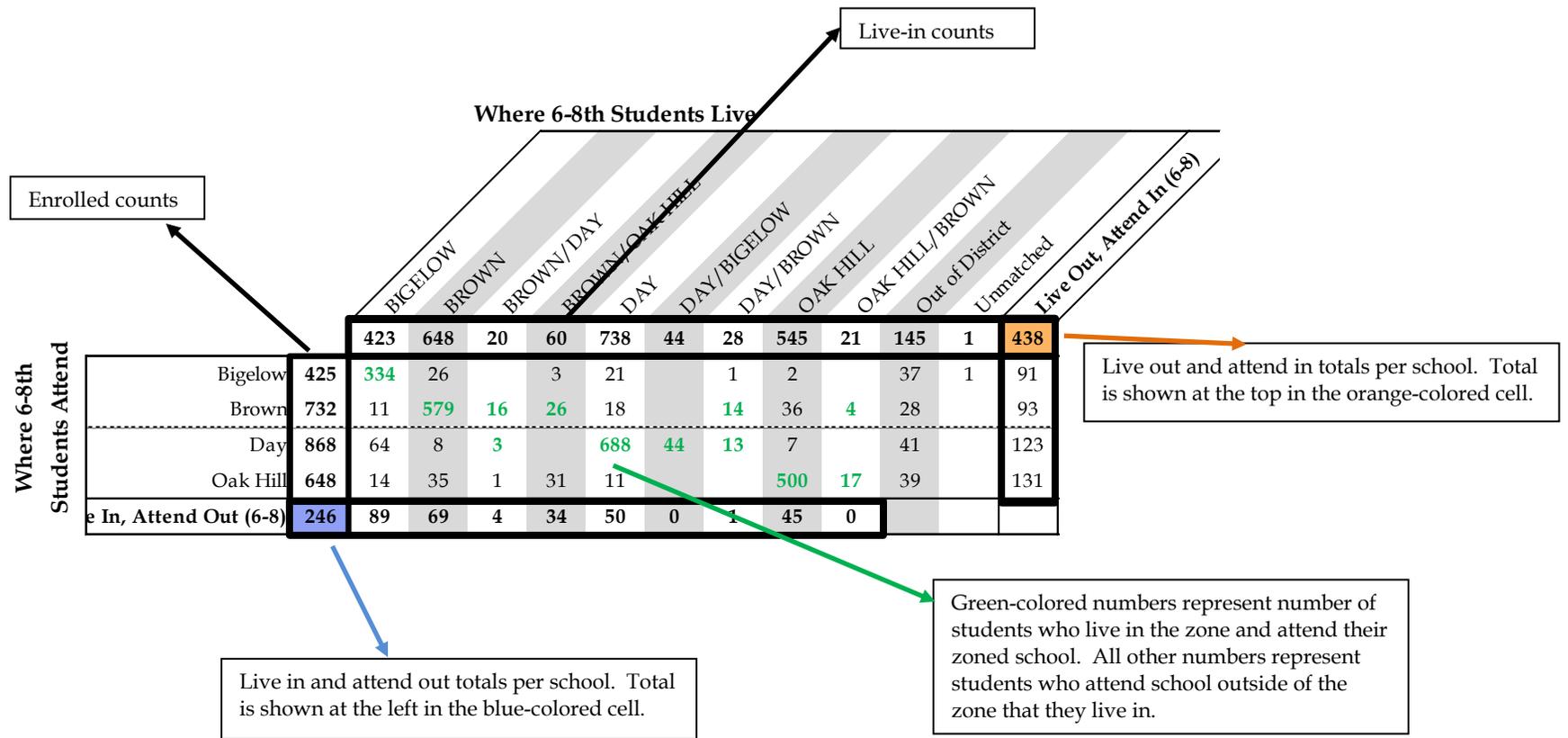
Forecasts developed December 2023  
 Green cells (2023-24 and earlier) are historical data  
 Blue cells (2024-25 and later) are forecasted years



APPENDIX E: LIVE-ATTEND ANALYSIS

Live Attend Matrix

The table below gives details on the schools that students attend and the school zones where they live. The schools of attendance are listed on the left while the districts where students live are listed on the top line. The numbers highlighted in green are counts of students who attend the assigned schools for the zones where they live. This student data is from Fall 2022, Newton Public Schools student database.



Where K-5th Students Live

		Where K-5th Students Live																																						
		[Diagonal Labels: ANGLIER, ANGLER/WILLIAMS, ANGLER/ZERVAS, BOWEN, BOWEN/MASON-RICE, BOWEN/MEMORIAL-SPAULDING, BURR, CABOT, CABOT/UNDERWOOD, COUNTRYSIDE, COUNTRYSIDE/BOWEN, COUNTRYSIDE/ZERVAS, FRANKLIN, FRANKLIN/BURR, HORACE-MANN, HORACE-MANN/CABOT, HORACE-MANN/FRANKLIN, LINCOLN-ELIOT, MASON-RICE, MASON-RICE/AWARD, MEMORIAL-SPAULDING, PEIRCE, PEIRCE/CABOT, PEIRCE/WILLIAMS, UNDERWOOD, UNDERWOOD/WARD, WILLIAMS, WILLIAMS/BURR, ZERVAS, ZERVAS/MASON-RICE, Out of District, Unmatched, Live In, Attend In (K-5)]																																						
		323	26	85	230	76	77	19	306	316	10	278	46	38	252	90	288	64	73	9	306	219	35	294	29	145	37	62	213	44	165	147	44	245	63	271	2	252		
Where K-5th Students Attend	Angier	384	321	12	21	1			3			2	1		3		1				1		1		1													9	30	
	Bowen	355			2	217	33	33	3	2		6	18		2		2					1	1	1						2			1	1	1	1	1	28	51	
	Burr	355	1						282	2		1			6	37					2																	10	26	
	Cabot	428				4			5	301	4				1		5	48	2		9						1	4	1	8	6	3	1	1				23	1	70
	Countryside	360	1		1	3	1		2				263	25	17		1									4	6	2			1						1	32	49	
	Franklin	350							1	1						238	51	7		35								2							1			14	26	
	Horace Mann	360								3			1		3		267	13	36	6	10							2		2							16	1	37	
	Lincoln-Eliot	328															6				3	280									5						32	45		
	Mason-Rice	334				2	42	1		2			1	2				1					215	28												3	28	9	49	
	Memorial-SpaULDing	369																						283	23													21	21	
	Peirce	236							6	5						1								1			133	33	41	1							1	12	29	
	Underwood	242								1	4																											24	26	
	Ward	212						1	16	1	1	2							1				1	1	6						4	16	159				3	15		
	Williams	215		14						1			1												2				18	1			137	31				10	15	
	Zervas	399			61	3			3			3		21								3	1	2		2				1				1	236	34	28	47		
Live In, Attend Out (K-5)	21	2	0	3	13	1	2	0	24	15	2	15	3	0	14	2	21	3	2	0	26	4	1	11	0	12	0	3	23	6	6	10	3	9	1					

Where 6-8th Students Live

		Where 6-8th Students Live												
		BIGELOW	BROWN	BROWN/DAY	BROWN/OAK HILL	DAY	DAY/BIGELOW	DAY/BROWN	OAK HILL	OAK HILL/BROWN	Out of District	Unmatched	Live Out, Attend In (6-8)	
Where 6-8th Students Attend		423	648	20	60	738	44	28	545	21	145	1	438	
	Bigelow	425	334	26	3	21		1	2		37	1	91	
	Brown	732	11	579	16	26	18		14	36	4		28	93
	Day	868	64	8	3		688	44	13	7		41		123
	Oak Hill	648	14	35	1	31	11			500	17	39		131
Live In, Attend Out (6-8)		246	89	69	4	34	50	0	1	45	0			

Where 9-12th Students Live

		Where 9-12th Students Live							
		NORTH	NORTH/SOUTH	SOUTH	SOUTH/NORTH	Out of District	Unmatched	Live Out, Attend In (9-12)	
Where 9-12th Students Attend		1882	57	1718	110	194	1	311	
	North	2102	1838	43	58	50	112	1	171
	South	1860	44	14	1660	60	82		140
	Live In, Attend Out (9-12)	102	44	0	58	0			



# Newton Public Schools, MA 2023-24 Elementary School Zones

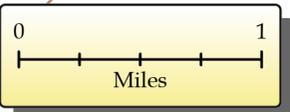
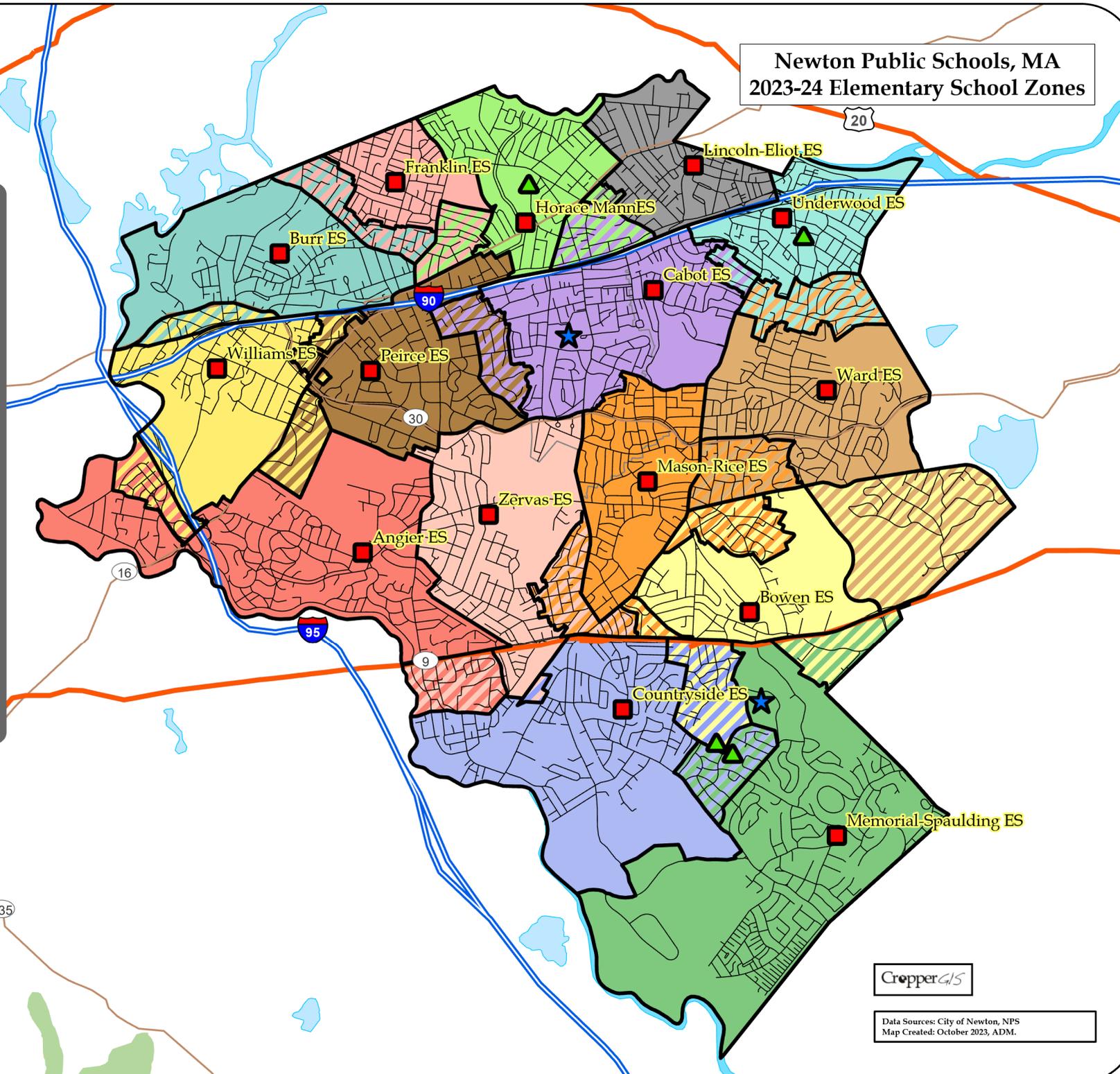
## Legend

### School Type

- Elementary
- ▲ Middle
- ★ High

### 2023-24 Elementary School Zones

- ANGIER
- BOWEN
- BURR
- CABOT
- COUNTRYSIDE
- FRANKLIN
- HORACE MANN
- LINCOLN-ELIOT
- MASON-RICE
- MEMORIAL-SPAULDING
- PEIRCE
- UNDERWOOD
- WARD
- WILLIAMS
- ZERVAS



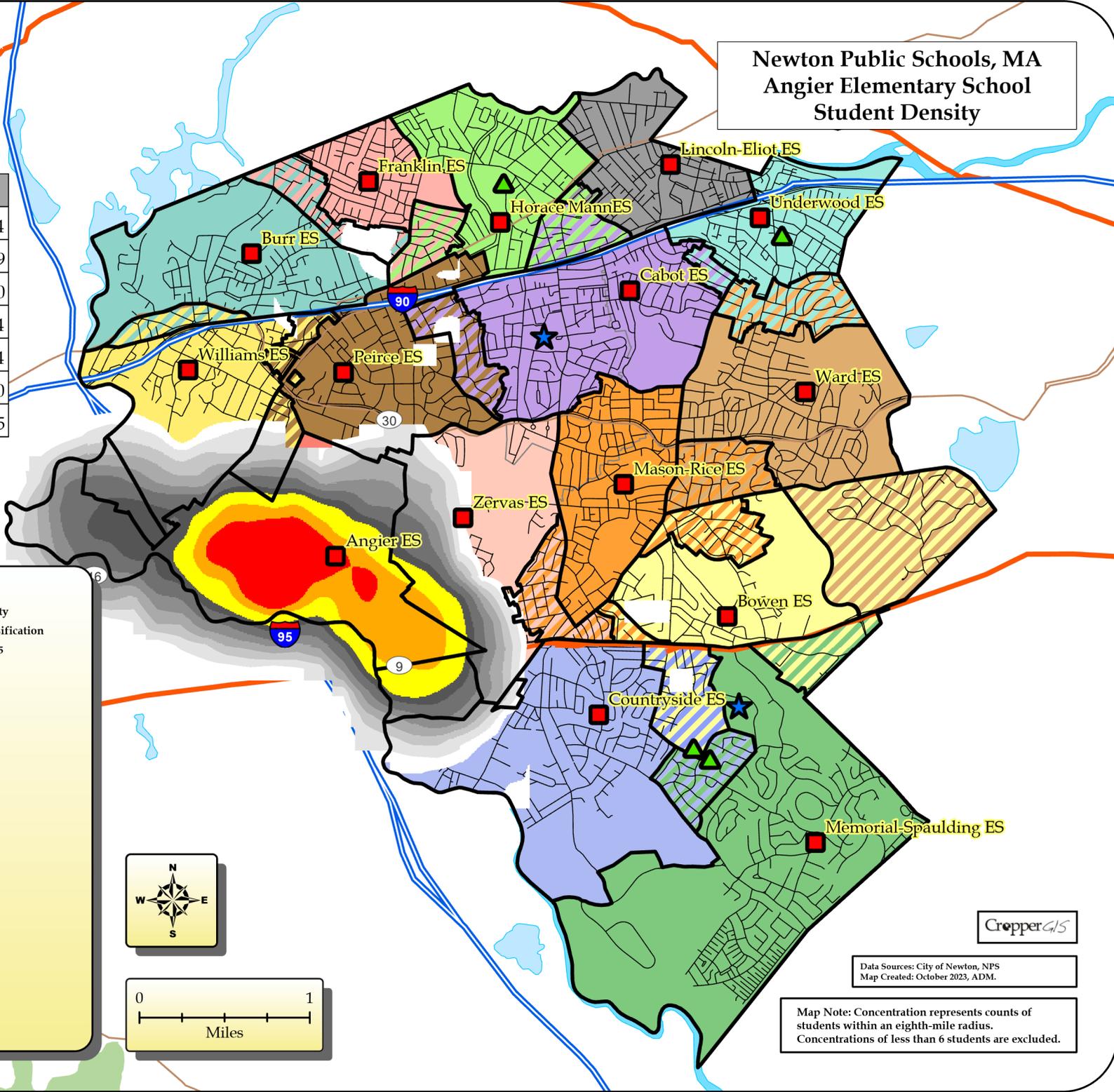
Data Sources: City of Newton, NPS  
Map Created: October 2023, ADM.



20

# Newton Public Schools, MA Angier Elementary School Student Density

Angier	
Total Enrollment (K-5)	384
Out of District	9
Unmatched	0
Total Live-In (K-5)	434
Live and Attend In	354
Live Out, Attend In	30
Live In, Attend Out	5



**Legend**

**School Type**

- Elementary (Red square)
- Middle (Green triangle)
- High (Blue star)

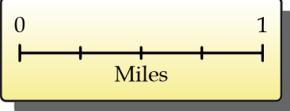
**2023-24 Elementary School Zones**

- ANGIER (Pink)
- BOWEN (Yellow)
- BURR (Teal)
- CABOT (Purple)
- COUNTRYSIDE (Light Blue)
- FRANKLIN (Light Pink)
- HORACE MANN (Light Green)
- LINCOLN-ELIOT (Grey)
- MASON-RICE (Orange)
- MEMORIAL-SPAULDING (Dark Green)
- PEIRCE (Brown)
- UNDERWOOD (Light Cyan)
- WARD (Light Brown)
- WILLIAMS (Yellow-Green)
- ZERVAS (Light Purple)

**Student Density**

**Quantile Classification**

- 101 - 135 (Red)
- 86 - 100 (Orange)
- 64 - 85 (Yellow)
- 54 - 63 (Light Yellow)
- 40 - 53 (Light Green)
- 30 - 39 (Light Blue)
- 22 - 29 (Light Cyan)
- 16 - 21 (Light Green)
- 10 - 15 (Light Blue)
- 7 - 9 (Light Cyan)



CropperGIS

Data Sources: City of Newton, NPS  
Map Created: October 2023, ADM.

Map Note: Concentration represents counts of students within an eighth-mile radius. Concentrations of less than 6 students are excluded.



20

# Newton Public Schools, MA Bowen Elementary School Student Density

Bowen	
Total Enrollment (K-5)	355
Out of District	28
Unmatched	0
Total Live-In (K-5)	402
Live and Attend In	304
Live Out, Attend In	51
Live In, Attend Out	16

**Legend**

**School Type**

- Elementary (Red square)
- Middle (Green triangle)
- High (Blue star)

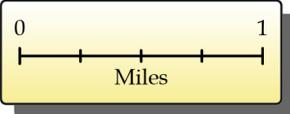
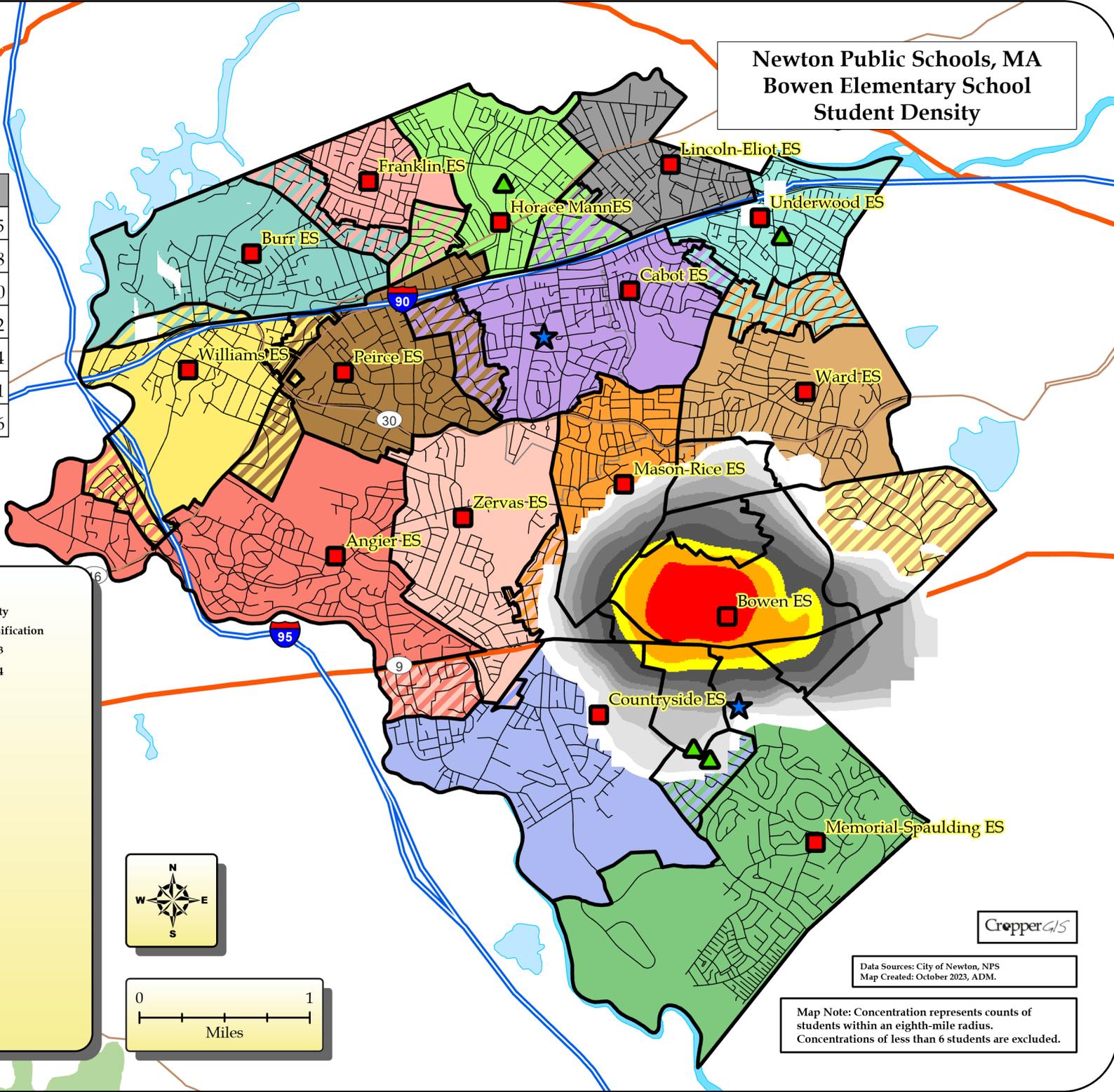
**2023-24 Elementary School Zones**

- ANGIER (Red)
- BOWEN (Yellow)
- BURR (Teal)
- CABOT (Purple)
- COUNTRYSIDE (Blue)
- FRANKLIN (Pink)
- HORACE MANN (Light Green)
- LINCOLN-ELIOT (Grey)
- MASON-RICE (Orange)
- MEMORIAL-SPAULDING (Dark Green)
- PEIRCE (Brown)
- UNDERWOOD (Light Blue)
- WARD (Light Brown)
- WILLIAMS (Yellow-Orange)
- ZERVAS (Light Pink)

**Student Density**

**Quantile Classification**

- 135 - 183 (Red)
- 104 - 134 (Orange)
- 86 - 103 (Yellow)
- 65 - 85 (Light Yellow)
- 43 - 64 (Light Grey)
- 32 - 42 (Grey)
- 23 - 31 (Dark Grey)
- 17 - 22 (Very Dark Grey)
- 10 - 16 (Black)
- 7 - 9 (White)



CropperGIS

Data Sources: City of Newton, NPS  
Map Created: October 2023, ADM.

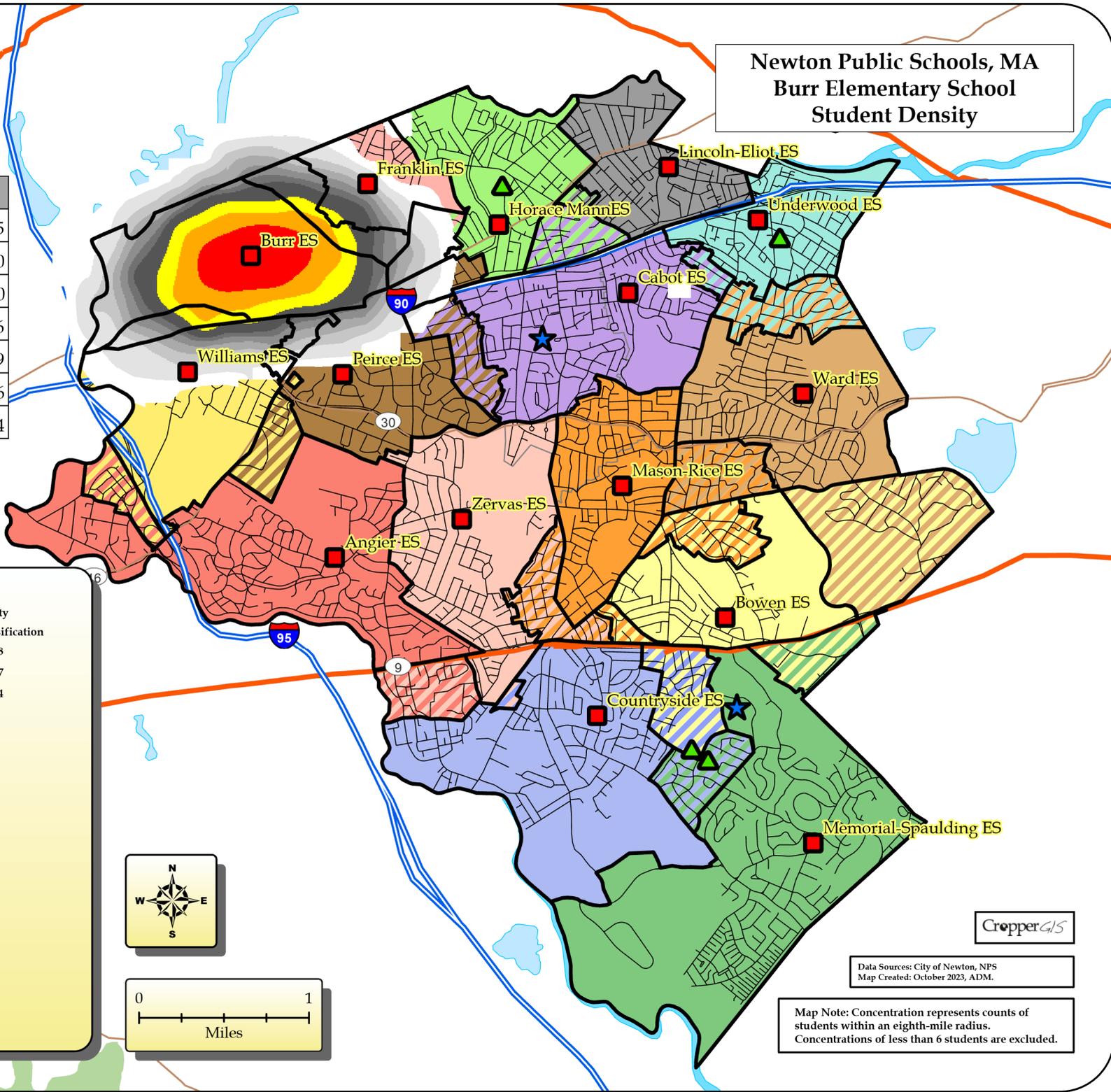
Map Note: Concentration represents counts of students within an eighth-mile radius. Concentrations of less than 6 students are excluded.



20

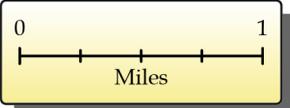
# Newton Public Schools, MA Burr Elementary School Student Density

Burr	
Total Enrollment (K-5)	355
Out of District	10
Unmatched	0
Total Live-In (K-5)	306
Live and Attend In	329
Live Out, Attend In	26
Live In, Attend Out	24



## Legend

<b>School Type</b>	<b>Student Density</b>
Elementary	158 - 198
Middle	125 - 157
High	101 - 124
<b>2023-24 Elementary School Zones</b>	78 - 100
ANGIER	67 - 77
BOWEN	54 - 66
BURR	41 - 53
CABOT	27 - 40
COUNTRYSIDE	14 - 26
FRANKLIN	7 - 13
HORACE MANN	
LINCOLN-ELIOT	
MASON-RICE	
MEMORIAL-SPAULDING	
PEIRCE	
UNDERWOOD	
WARD	
WILLIAMS	
ZERVAS	



CropperGIS

Data Sources: City of Newton, NPS  
Map Created: October 2023, ADM.

Map Note: Concentration represents counts of students within an eighth-mile radius. Concentrations of less than 6 students are excluded.



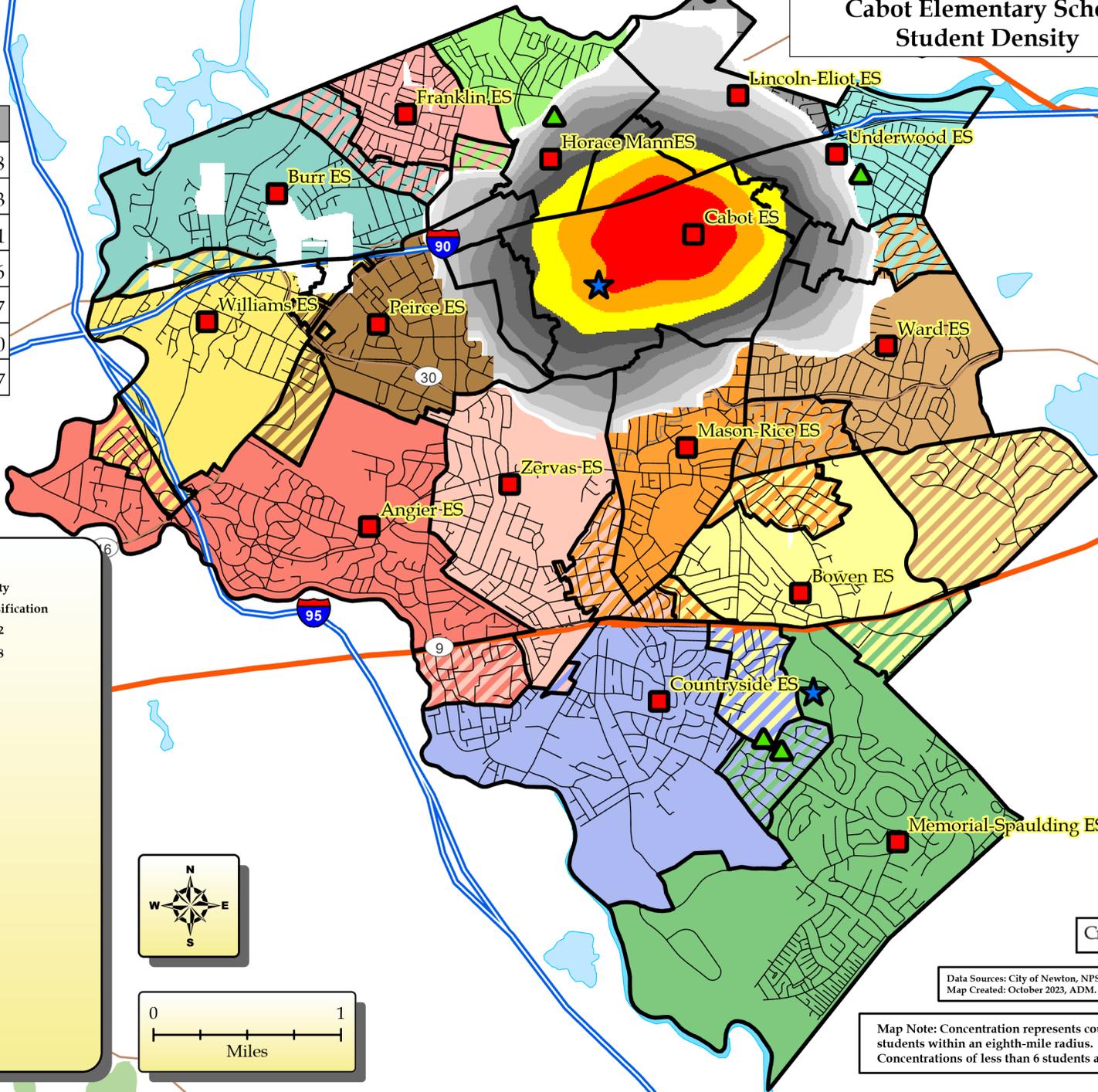
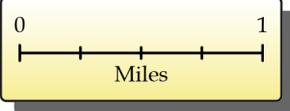
20

# Newton Public Schools, MA Cabot Elementary School Student Density

Cabot	
Total Enrollment (K-5)	428
Out of District	23
Unmatched	1
Total Live-In (K-5)	326
Live and Attend In	357
Live Out, Attend In	70
Live In, Attend Out	17

## Legend

<b>School Type</b>	<b>Student Density</b>
Elementary	149 - 202
Middle	106 - 148
High	73 - 105
<b>2023-24 Elementary School Zones</b>	55 - 72
ANGIER	39 - 54
BOWEN	26 - 38
BURR	17 - 25
CABOT	11 - 16
COUNTRYSIDE	8 - 10
FRANKLIN	7 - 7
HORACE MANN	
LINCOLN-ELIOT	
MASON-RICE	
MEMORIAL-SPAULDING	
PEIRCE	
UNDERWOOD	
WARD	
WILLIAMS	
ZERVAS	



CropperGIS

Data Sources: City of Newton, NPS  
Map Created: October 2023, ADM.

Map Note: Concentration represents counts of students within an eighth-mile radius. Concentrations of less than 6 students are excluded.



20

# Newton Public Schools, MA Franklin Elementary School Student Density

Franklin	
Total Enrollment (K-5)	350
Out of District	14
Unmatched	0
Total Live-In (K-5)	342
Live and Attend In	289
Live Out, Attend In	26
Live In, Attend Out	16

**Legend**

**School Type**

- Elementary (Red square)
- Middle (Green triangle)
- High (Blue star)

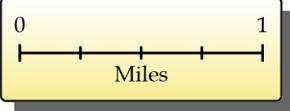
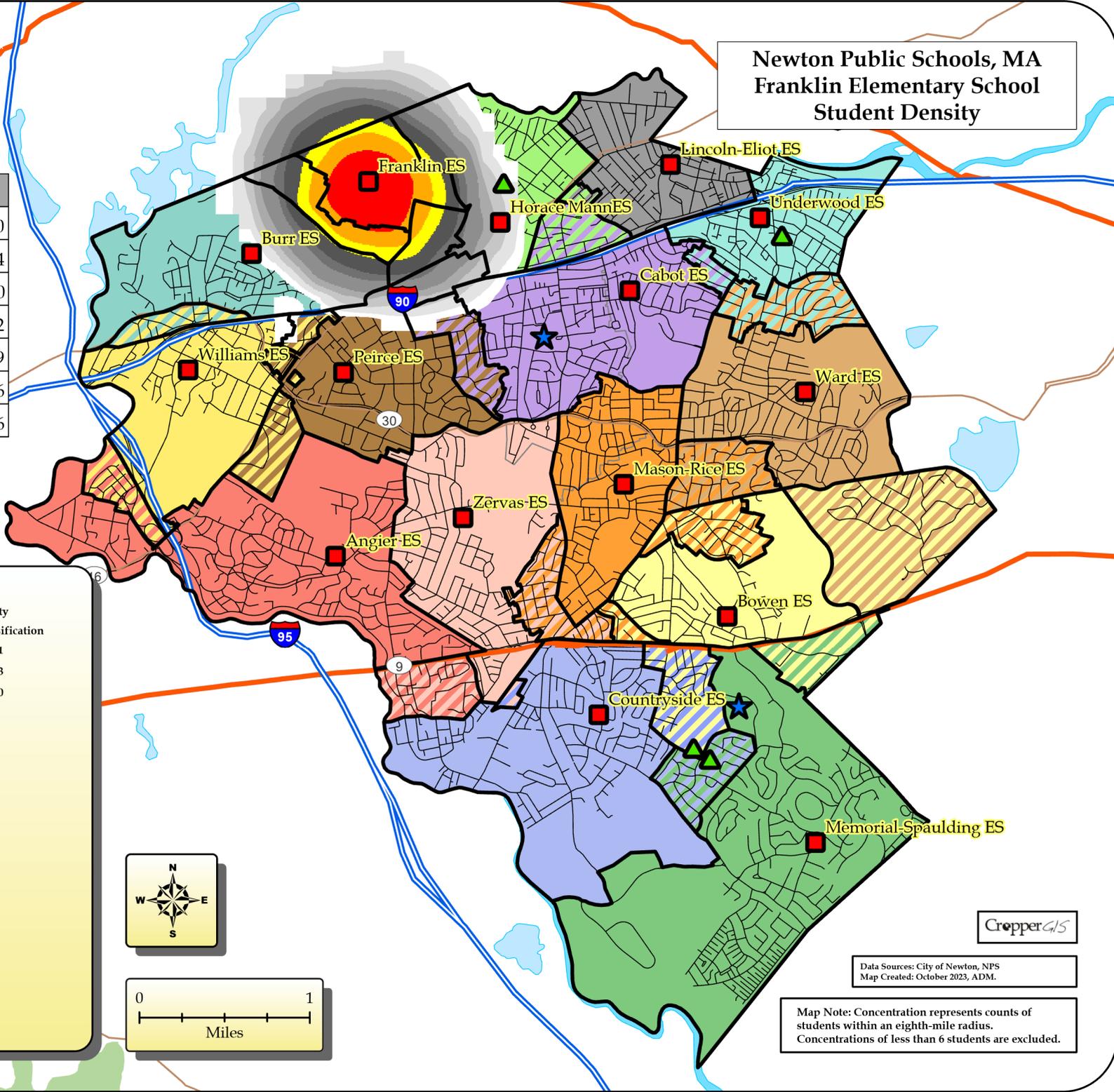
**2023-24 Elementary School Zones**

- ANGIER (Red)
- BOWEN (Yellow)
- BURR (Teal)
- CABOT (Purple)
- COUNTRYSIDE (Blue)
- FRANKLIN (Pink)
- HORACE MANN (Light Green)
- LINCOLN-ELIOT (Grey)
- MASON-RICE (Orange)
- MEMORIAL-SPAULDING (Dark Green)
- PEIRCE (Brown)
- UNDERWOOD (Light Blue)
- WARD (Light Brown)
- WILLIAMS (Light Yellow)
- ZERVAS (Light Pink)

**Student Density**

**Quantile Classification**

- 214 - 281 (Red)
- 161 - 213 (Orange)
- 127 - 160 (Yellow)
- 91 - 126 (Light Yellow)
- 72 - 90 (Light Green)
- 42 - 71 (Light Blue)
- 28 - 41 (Light Purple)
- 18 - 27 (Light Grey)
- 11 - 17 (Light Blue-White)
- 6 - 10 (White)



CropperGIS

Data Sources: City of Newton, NPS  
Map Created: October 2023, ADM.

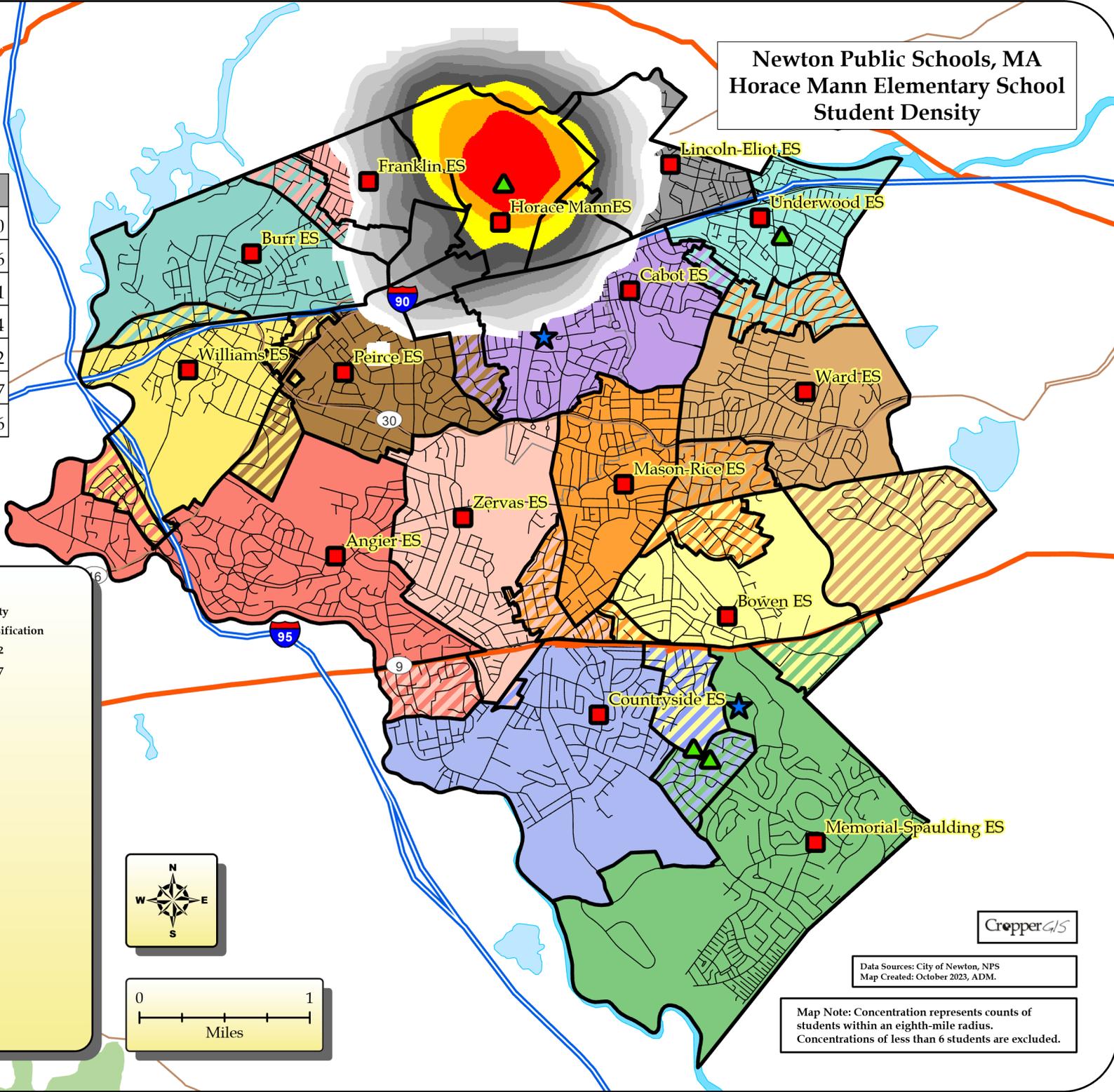
Map Note: Concentration represents counts of students within an eighth-mile radius. Concentrations of less than 6 students are excluded.



20

# Newton Public Schools, MA Horace Mann Elementary School Student Density

Horace Mann	
Total Enrollment (K-5)	360
Out of District	16
Unmatched	1
Total Live-In (K-5)	434
Live and Attend In	322
Live Out, Attend In	37
Live In, Attend Out	26



**Legend**

**School Type**

- Elementary (Red square)
- Middle (Green triangle)
- High (Blue star)

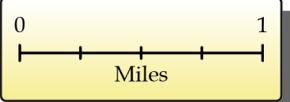
**2023-24 Elementary School Zones**

- ANGIER (Red)
- BOWEN (Yellow)
- BURR (Teal)
- CABOT (Purple)
- COUNTRYSIDE (Blue)
- FRANKLIN (Pink)
- HORACE MANN (Grey)
- LINCOLN-ELIOT (Dark Grey)
- MASON-RICE (Orange)
- MEMORIAL-SPAULDING (Green)
- PEIRCE (Brown)
- UNDERWOOD (Light Blue)
- WARD (Tan)
- WILLIAMS (Light Yellow)
- ZERVAS (Light Pink)

**Student Density**

**Quantile Classification**

- 148 - 202 (Red)
- 117 - 147 (Orange)
- 93 - 116 (Yellow)
- 73 - 92 (Light Orange)
- 55 - 72 (Light Yellow)
- 41 - 54 (Light Green)
- 29 - 40 (Light Blue)
- 17 - 28 (Light Cyan)
- 11 - 16 (Light Blue-Gray)
- 7 - 10 (Light Gray)



CropperGIS

Data Sources: City of Newton, NPS  
Map Created: October 2023, ADM.

Map Note: Concentration represents counts of students within an eighth-mile radius. Concentrations of less than 6 students are excluded.



20

# Newton Public Schools, MA Lincoln-Eliot Elementary School Student Density

Lincoln-Eliot	
Total Enrollment (K-5)	328
Out of District	32
Unmatched	0
Total Live-In (K-5)	306
Live and Attend In	283
Live Out, Attend In	45
Live In, Attend Out	26

**Legend**

**School Type**

- Elementary (Red square)
- Middle (Green triangle)
- High (Blue star)

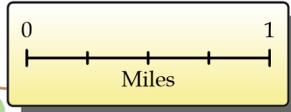
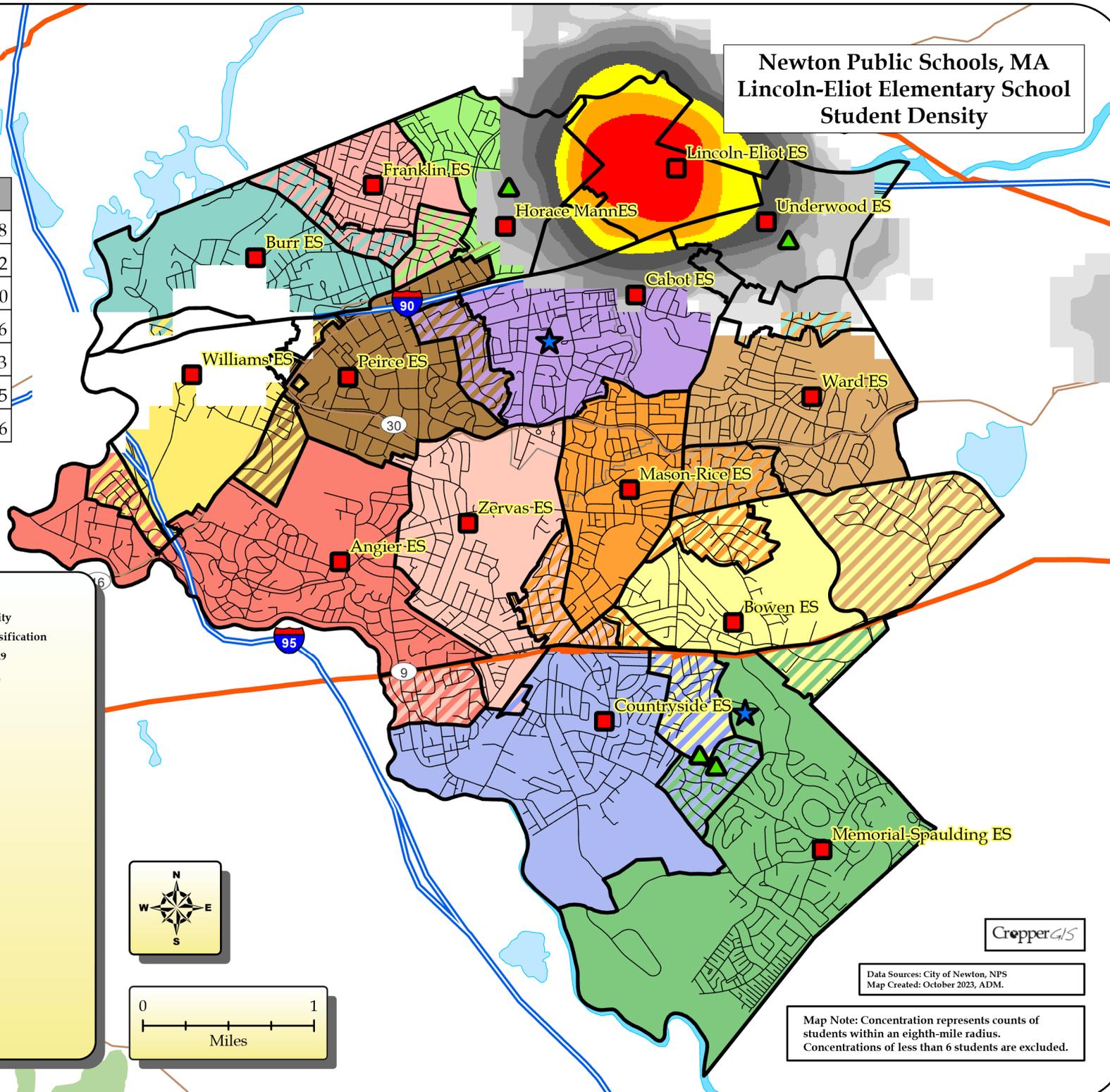
**2023-24 Elementary School Zones**

- ANGIER (Red)
- BOWEN (Yellow)
- BURR (Teal)
- CABOT (Purple)
- COUNTRYSIDE (Blue)
- FRANKLIN (Pink)
- HORACE MANN (Light Green)
- LINCOLN-ELIOT (Dark Grey)
- MASON-RICE (Orange)
- MEMORIAL-SPAULDING (Dark Green)
- PEIRCE (Brown)
- UNDERWOOD (Light Blue)
- WARD (Light Orange)
- WILLIAMS (Light Yellow)
- ZERVAS (Light Pink)

**Student Density**

**Quantile Classification**

- 145 - 229 (Red)
- 92 - 144 (Orange)
- 60 - 91 (Yellow)
- 32 - 59 (Light Yellow)
- 19 - 31 (Light Green)
- 6 - 18 (Light Blue)
- 4 - 5 (Light Purple)
- 3 - 3 (Light Grey)
- 2 - 2 (Light Blue-White)
- 2 - 1 (White)



CropperGIS

Data Sources: City of Newton, NPS  
Map Created: October 2023, ADM.

Map Note: Concentration represents counts of students within an eighth-mile radius. Concentrations of less than 6 students are excluded.



20

# Newton Public Schools, MA Mason-Rice Elementary School Student Density

Mason-Rice	
Total Enrollment (K-5)	334
Out of District	9
Unmatched	0
Total Live-In (K-5)	254
Live and Attend In	313
Live Out, Attend In	49
Live In, Attend Out	5

**Legend**

**School Type**

- Elementary (Red square)
- Middle (Green triangle)
- High (Blue star)

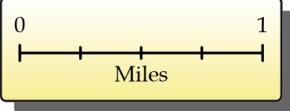
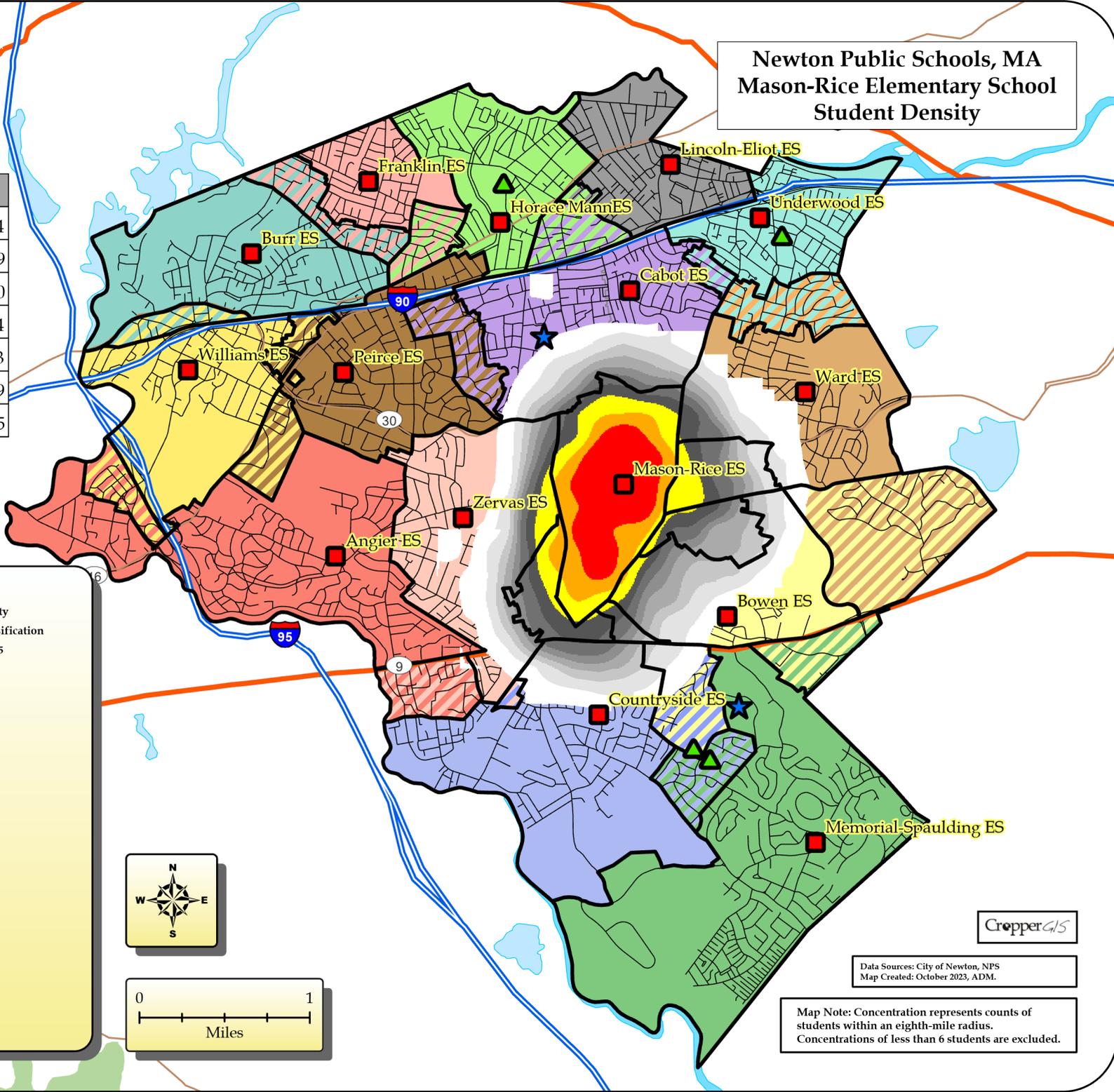
**2023-24 Elementary School Zones**

- ANGIER (Red)
- BOWEN (Yellow)
- BURR (Teal)
- CABOT (Purple)
- COUNTRYSIDE (Blue)
- FRANKLIN (Pink)
- HORACE MANN (Light Green)
- LINCOLN-ELIOT (Grey)
- MASON-RICE (Orange)
- MEMORIAL-SPAULDING (Dark Green)
- PEIRCE (Brown)
- UNDERWOOD (Light Blue)
- WARD (Light Brown)
- WILLIAMS (Yellow-Orange)
- ZERVAS (Light Pink)

**Student Density**

**Quantile Classification**

- 114 - 135 (Red)
- 96 - 113 (Orange)
- 77 - 95 (Yellow)
- 64 - 76 (Light Yellow)
- 51 - 63 (Light Green)
- 42 - 50 (Light Blue)
- 33 - 41 (Light Purple)
- 25 - 32 (Light Grey)
- 15 - 24 (Light Blue-White)
- 7 - 14 (White)



CropperGIS

Data Sources: City of Newton, NPS  
Map Created: October 2023, ADM.

Map Note: Concentration represents counts of students within an eighth-mile radius. Concentrations of less than 6 students are excluded.



20

# Newton Public Schools, MA Memorial-Spaudling Elementary School Student Density

Memorial-Spaudling	
Total Enrollment (K-5)	369
Out of District	21
Unmatched	0
Total Live-In (K-5)	323
Live and Attend In	348
Live Out, Attend In	21
Live In, Attend Out	11

**Legend**

**School Type**

- Elementary (Red square)
- Middle (Green triangle)
- High (Blue star)

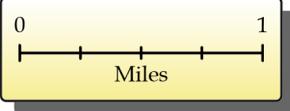
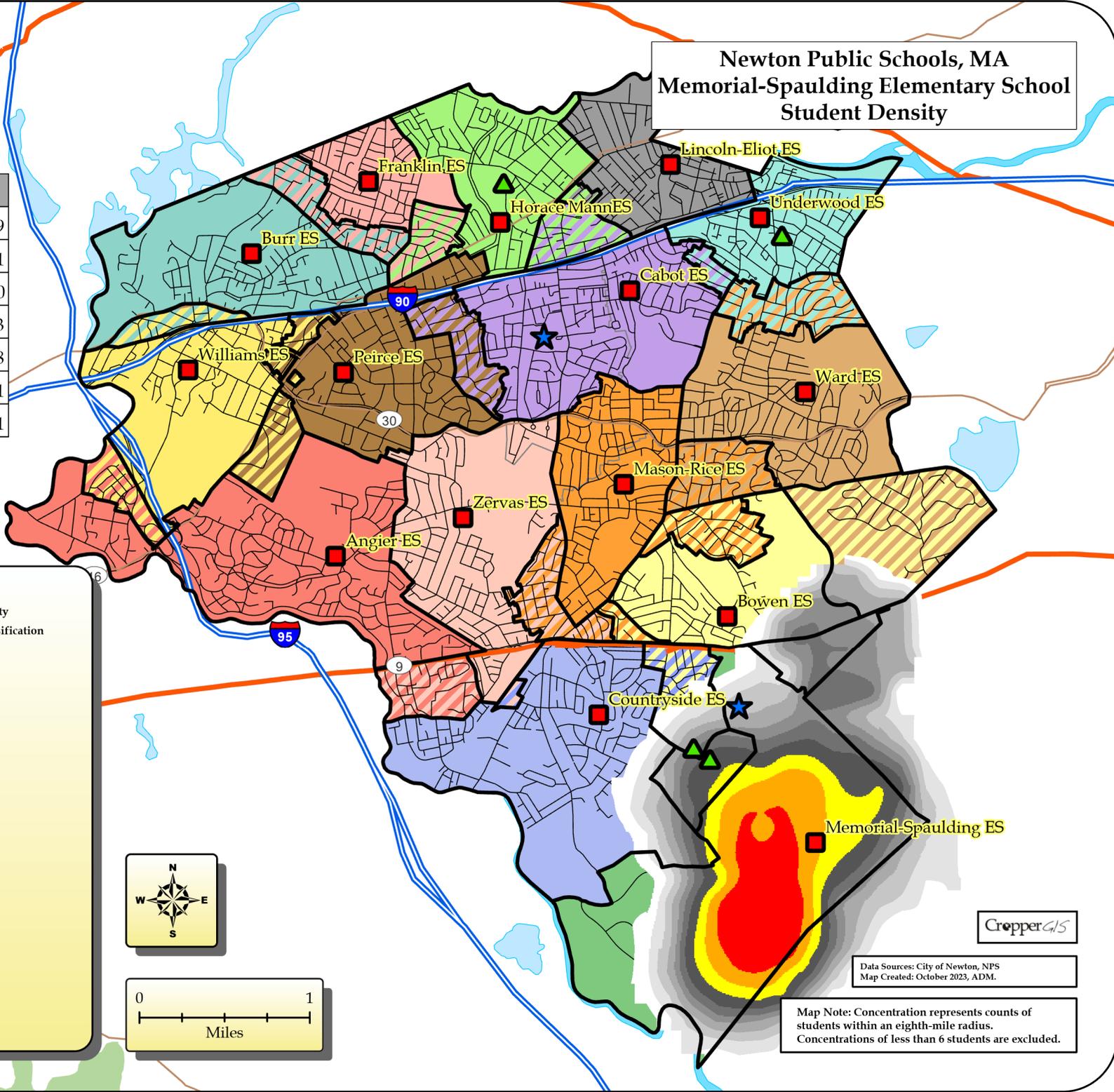
**2023-24 Elementary School Zones**

- ANGIER (Red)
- BOWEN (Yellow)
- BURR (Teal)
- CABOT (Purple)
- COUNTRYSIDE (Light Blue)
- FRANKLIN (Pink)
- HORACE MANN (Light Green)
- LINCOLN-ELIOT (Grey)
- MASON-RICE (Orange)
- MEMORIAL-SPAUDLING (Dark Green)
- PEIRCE (Brown)
- UNDERWOOD (Light Cyan)
- WARD (Light Brown)
- WILLIAMS (Yellow-Green)
- ZERVAS (Light Pink)

**Student Density**

**Quantile Classification**

- 98 - 127 (Red)
- 82 - 97 (Orange)
- 67 - 81 (Yellow)
- 53 - 66 (Light Yellow)
- 43 - 52 (Light Green)
- 35 - 42 (Light Blue)
- 27 - 34 (Light Cyan)
- 19 - 26 (Light Purple)
- 12 - 18 (Light Grey)
- 7 - 11 (White)



CropperGIS

Data Sources: City of Newton, NPS  
Map Created: October 2023, ADM.

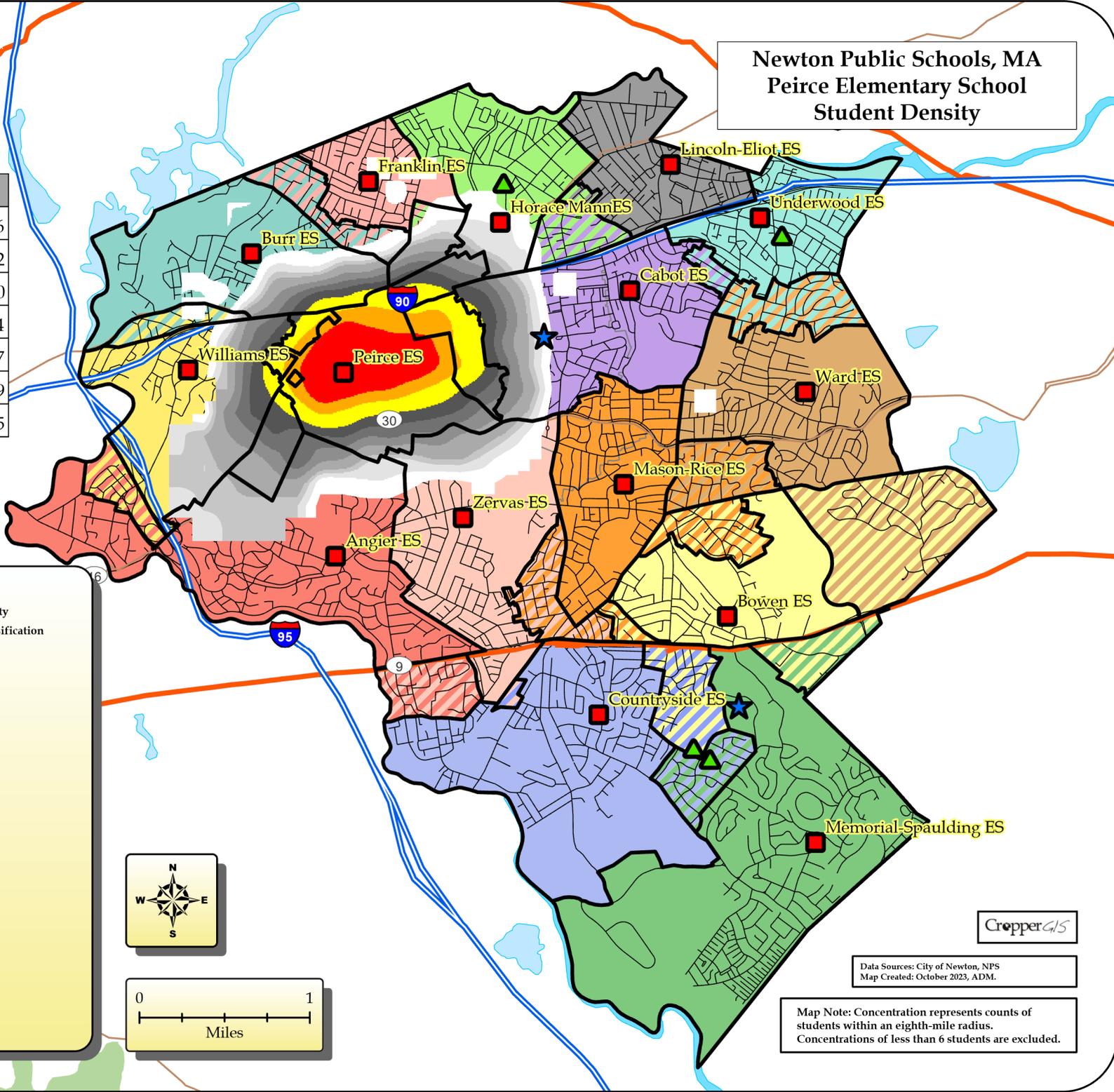
Map Note: Concentration represents counts of students within an eighth-mile radius. Concentrations of less than 6 students are excluded.



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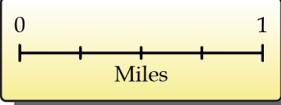
# Newton Public Schools, MA Peirce Elementary School Student Density

Peirce	
Total Enrollment (K-5)	236
Out of District	12
Unmatched	0
Total Live-In (K-5)	244
Live and Attend In	207
Live Out, Attend In	29
Live In, Attend Out	15



## Legend

<b>School Type</b>	<b>Student Density</b>
Elementary	84 - 103
Middle	70 - 83
High	52 - 69
<b>2023-24 Elementary School Zones</b>	42 - 51
ANGIER	34 - 41
BOWEN	26 - 33
BURR	18 - 25
CABOT	15 - 17
COUNTRYSIDE	11 - 14
FRANKLIN	7 - 10
HORACE MANN	
LINCOLN-ELIOT	
MASON-RICE	
MEMORIAL-SPAULDING	
PEIRCE	
UNDERWOOD	
WARD	
WILLIAMS	
ZERVAS	



CropperGIS

Data Sources: City of Newton, NPS  
Map Created: October 2023, ADM.

Map Note: Concentration represents counts of students within an eighth-mile radius. Concentrations of less than 6 students are excluded.



20

# Newton Public Schools, MA Underwood Elementary School Student Density

Underwood	
Total Enrollment (K-5)	242
Out of District	24
Unmatched	0
Total Live-In (K-5)	257
Live and Attend In	216
Live Out, Attend In	26
Live In, Attend Out	29

**Legend**

**School Type**

- Elementary (Red square)
- Middle (Green triangle)
- High (Blue star)

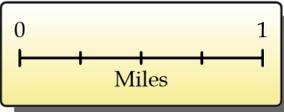
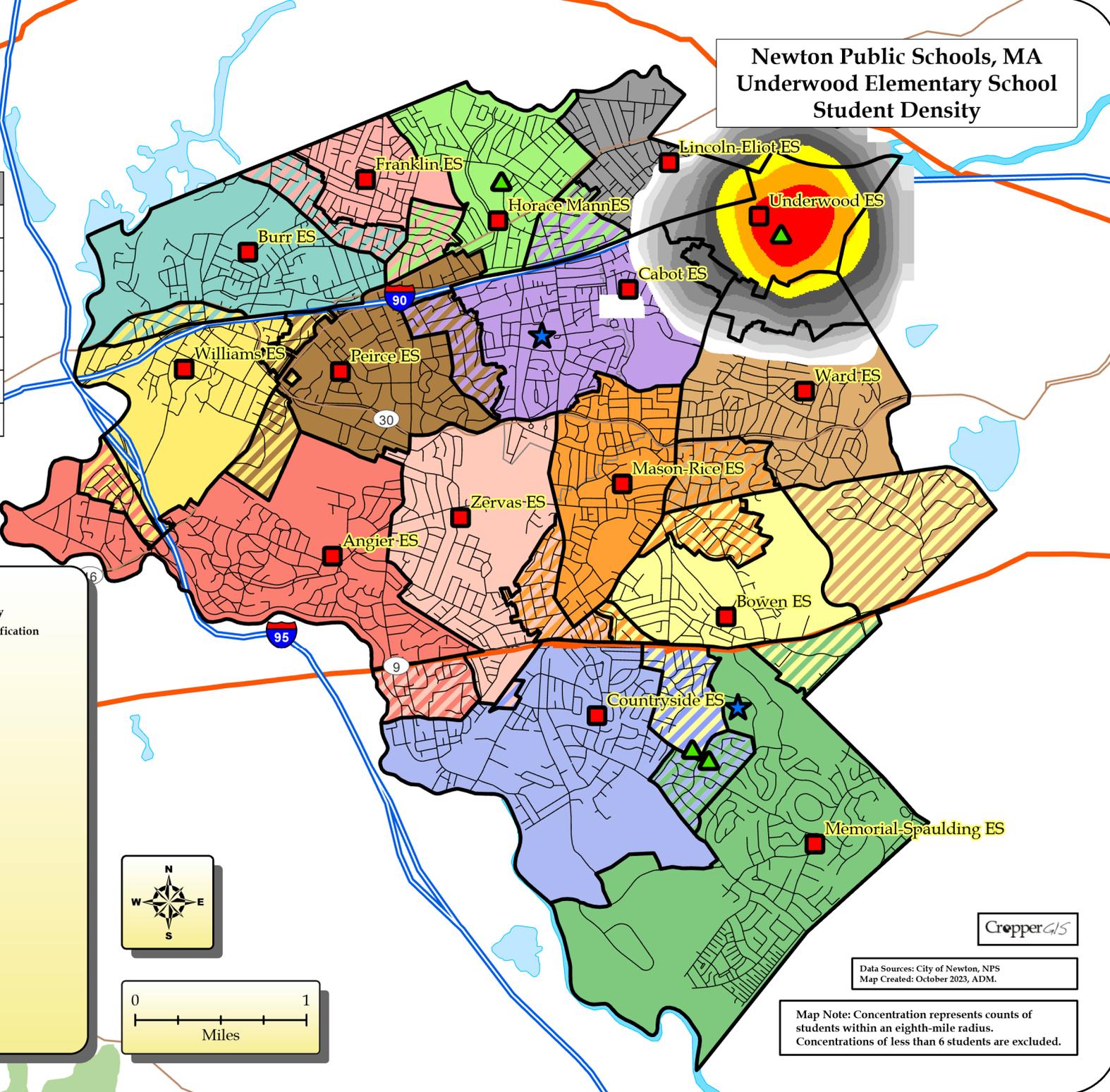
**2023-24 Elementary School Zones**

- ANGIER (Red)
- BOWEN (Yellow)
- BURR (Teal)
- CABOT (Purple)
- COUNTRYSIDE (Blue)
- FRANKLIN (Pink)
- HORACE MANN (Light Green)
- LINCOLN-ELIOT (Grey)
- MASON-RICE (Orange)
- MEMORIAL-SPAULDING (Dark Green)
- PEIRCE (Brown)
- UNDERWOOD (Light Blue)
- WARD (Light Orange)
- WILLIAMS (Yellow-Green)
- ZERVAS (Light Pink)

**Student Density**

**Quantile Classification**

- 136 - 186 (Red)
- 103 - 135 (Orange)
- 76 - 102 (Yellow)
- 58 - 75 (Light Yellow)
- 45 - 57 (Light Green)
- 32 - 44 (Light Blue)
- 21 - 31 (Light Purple)
- 14 - 20 (Light Grey)
- 10 - 13 (Light Blue-Grey)
- 6 - 9 (White)



CropperGIS

Data Sources: City of Newton, NPS  
Map Created: October 2023, ADM.

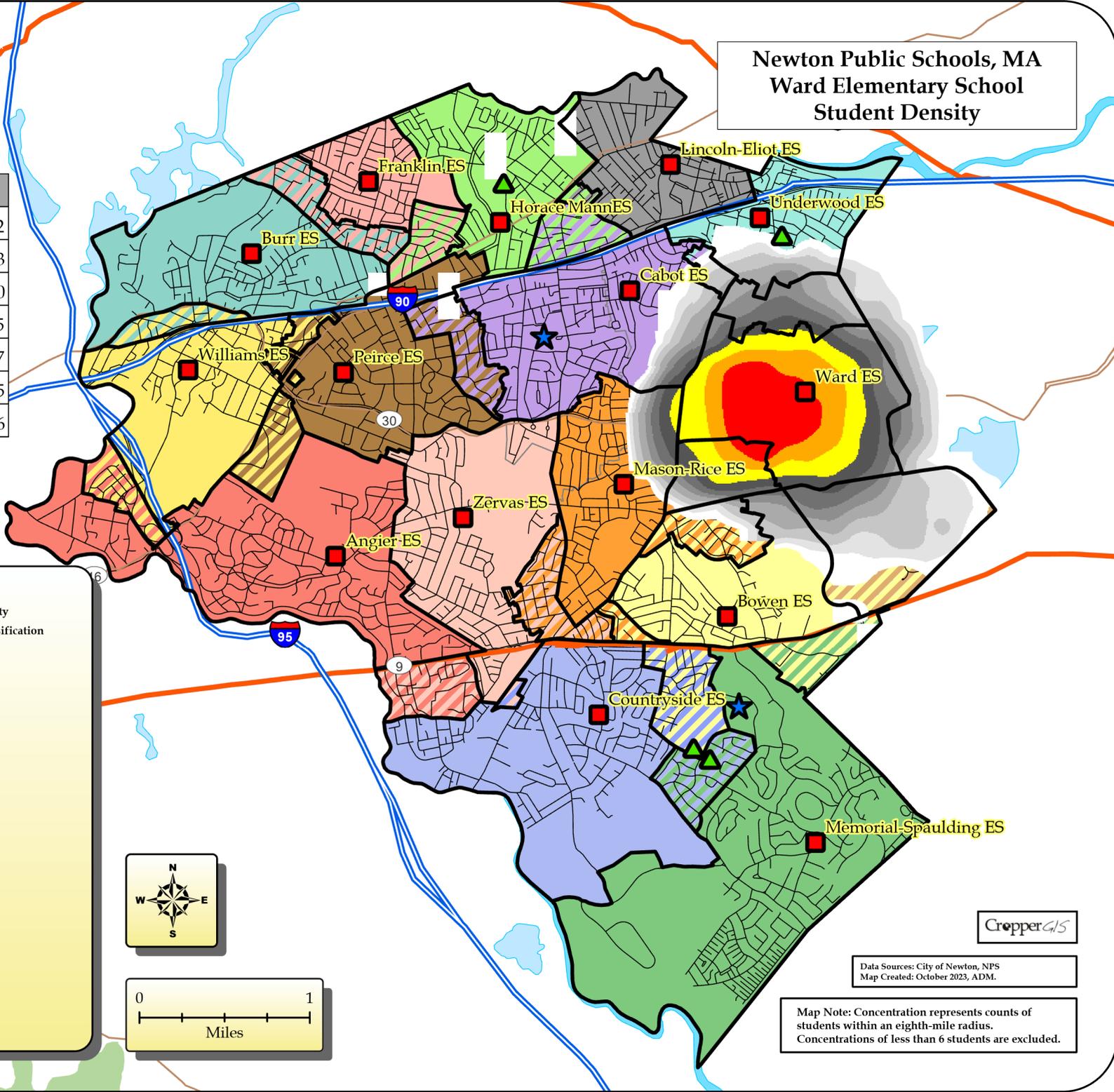
Map Note: Concentration represents counts of students within an eighth-mile radius. Concentrations of less than 6 students are excluded.



20

# Newton Public Schools, MA Ward Elementary School Student Density

Ward	
Total Enrollment (K-5)	212
Out of District	3
Unmatched	0
Total Live-In (K-5)	165
Live and Attend In	197
Live Out, Attend In	15
Live In, Attend Out	6



**Legend**

**School Type**

- Elementary (Red square)
- Middle (Green triangle)
- High (Blue star)

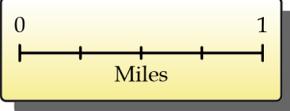
**2023-24 Elementary School Zones**

- ANGIER (Pink)
- BOWEN (Yellow)
- BURR (Teal)
- CABOT (Purple)
- COUNTRYSIDE (Blue)
- FRANKLIN (Light Pink)
- HORACE MANN (Light Green)
- LINCOLN-ELIOT (Grey)
- MASON-RICE (Orange)
- MEMORIAL-SPAULDING (Dark Green)
- PEIRCE (Brown)
- UNDERWOOD (Light Blue)
- WARD (Light Yellow)
- WILLIAMS (Yellow-Orange)
- ZERVAS (Light Orange)

**Student Density**

**Quantile Classification**

- 86 - 112 (Red)
- 69 - 85 (Orange)
- 50 - 68 (Yellow)
- 38 - 49 (Dark Grey)
- 29 - 37 (Medium Grey)
- 23 - 28 (Light Grey)
- 17 - 22 (Very Light Grey)
- 9 - 11 (White)
- 7 - 8 (White)



CropperGIS

Data Sources: City of Newton, NPS  
Map Created: October 2023, ADM.

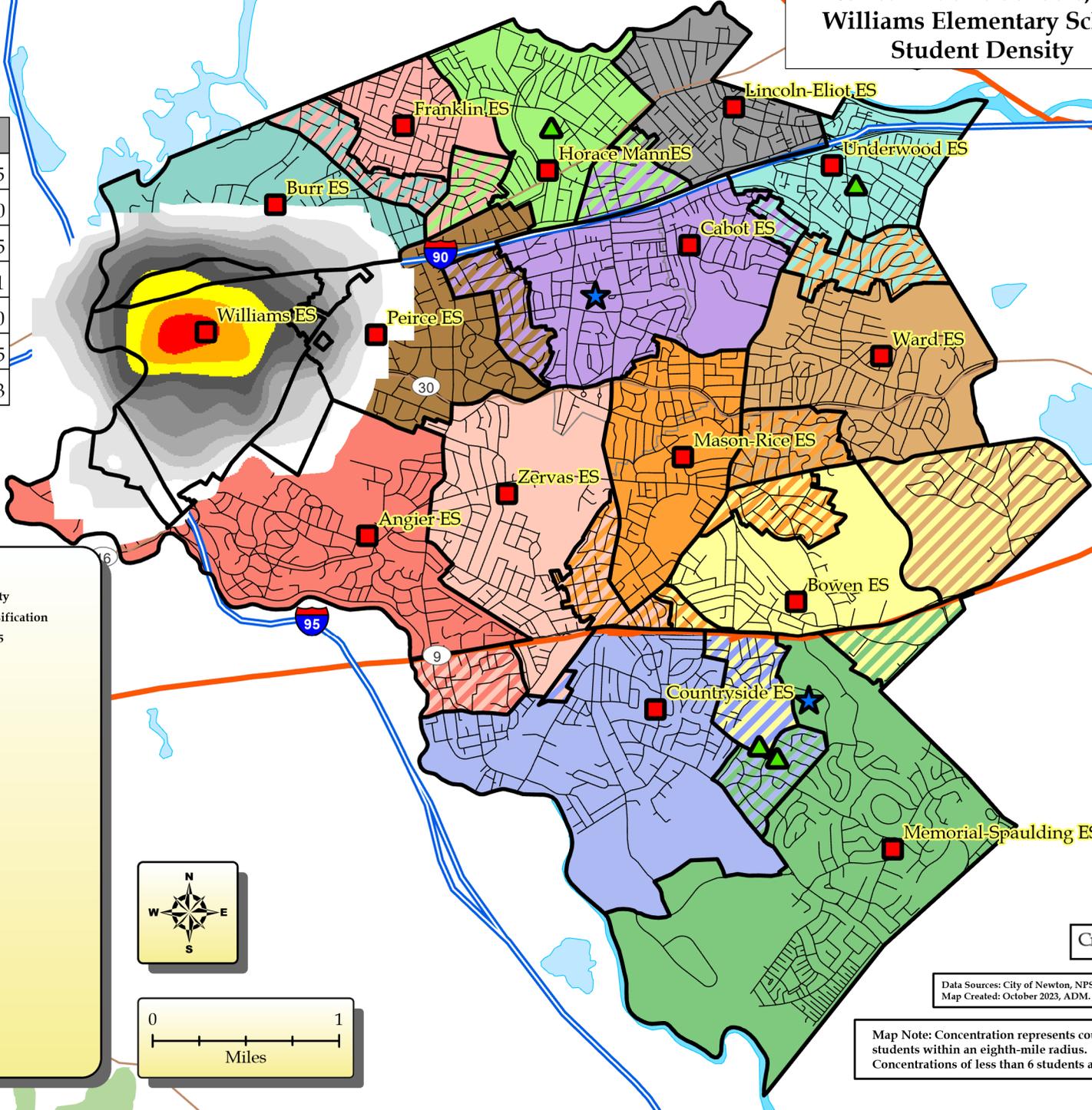
Map Note: Concentration represents counts of students within an eighth-mile radius. Concentrations of less than 6 students are excluded.



20

# Newton Public Schools, MA Williams Elementary School Student Density

Williams	
Total Enrollment (K-5)	215
Out of District	10
Unmatched	15
Total Live-In (K-5)	191
Live and Attend In	200
Live Out, Attend In	15
Live In, Attend Out	13



**Legend**

**School Type**

- Elementary (Red square)
- Middle (Green triangle)
- High (Blue star)

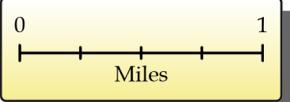
**2023-24 Elementary School Zones**

- ANGIER (Red)
- BOWEN (Yellow)
- BURR (Teal)
- CABOT (Purple)
- COUNTRYSIDE (Blue)
- FRANKLIN (Pink)
- HORACE MANN (Light Green)
- LINCOLN-ELIOT (Grey)
- MASON-RICE (Orange)
- MEMORIAL-SPAULDING (Dark Green)
- PEIRCE (Brown)
- UNDERWOOD (Light Blue)
- WARD (Light Brown)
- WILLIAMS (Yellow)
- ZERVAS (Light Pink)

**Student Density**

**Quantile Classification**

- 114 - 135 (Red)
- 96 - 113 (Orange)
- 77 - 95 (Yellow)
- 64 - 76 (Light Grey)
- 51 - 63 (Dark Grey)
- 42 - 50 (Medium Grey)
- 33 - 41 (Light Grey)
- 25 - 32 (Very Light Grey)
- 15 - 24 (White)
- 7 - 14 (White)



CropperGIS

Data Sources: City of Newton, NPS  
Map Created: October 2023, ADM.

Map Note: Concentration represents counts of students within an eighth-mile radius. Concentrations of less than 6 students are excluded.



20

# Newton Public Schools, MA Zervas Elementary School Student Density

Zervas	
Total Enrollment (K-5)	399
Out of District	28
Unmatched	0
Total Live-In (K-5)	308
Live and Attend In	352
Live Out, Attend In	47
Live In, Attend Out	1

**Legend**

**School Type**

- Elementary (Red square)
- Middle (Green triangle)
- High (Blue star)

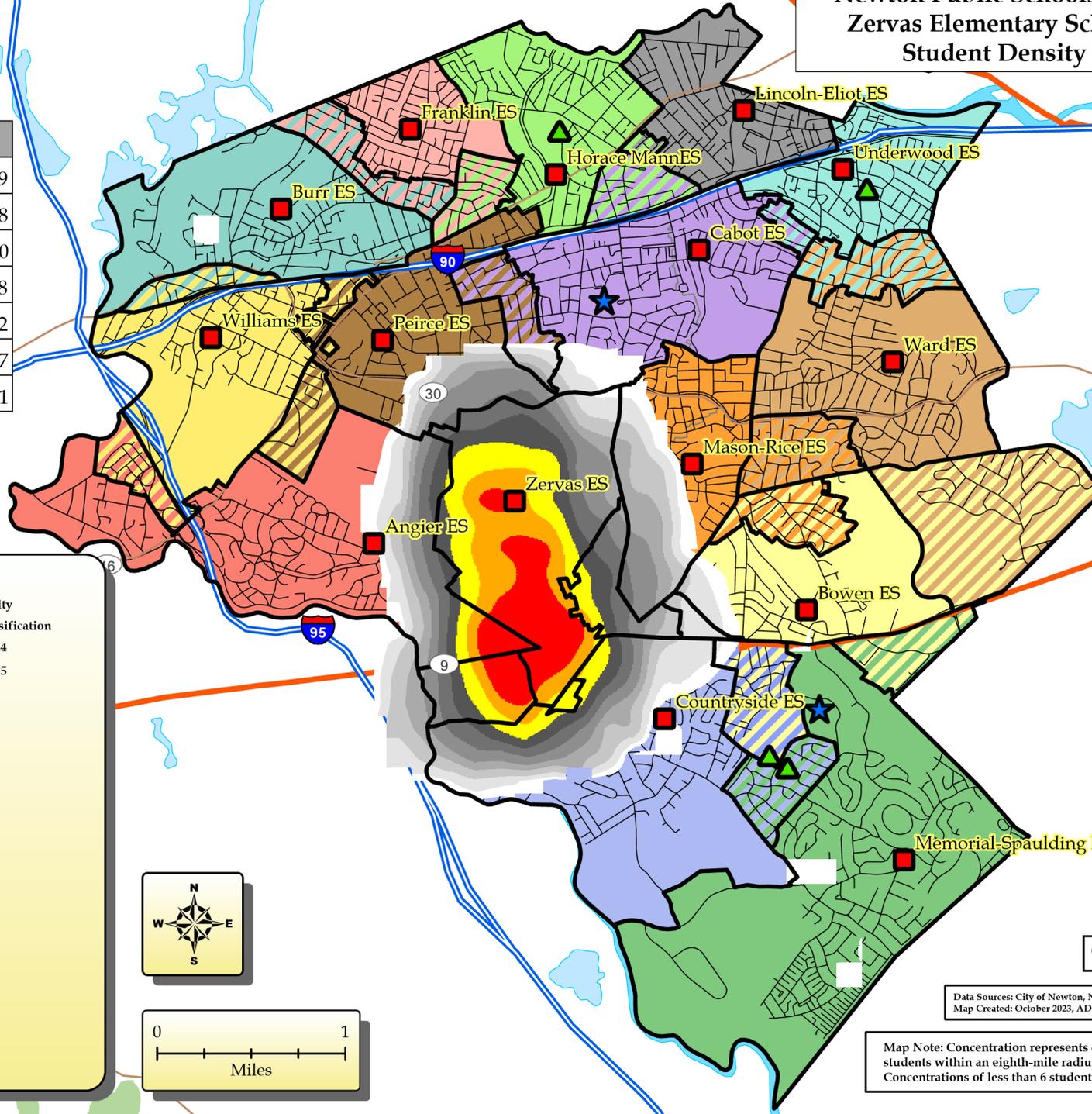
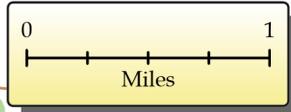
**2023-24 Elementary School Zones**

- ANGIER (Red)
- BOWEN (Yellow)
- BURR (Teal)
- CABOT (Purple)
- COUNTRYSIDE (Light Blue)
- FRANKLIN (Pink)
- HORACE MANN (Light Green)
- LINCOLN-ELIOT (Grey)
- MASON-RICE (Orange)
- MEMORIAL-SPAULDING (Dark Green)
- PEIRCE (Brown)
- UNDERWOOD (Light Blue)
- WARD (Light Brown)
- WILLIAMS (Yellow)
- ZERVAS (Pink)

**Student Density**

**Quantile Classification**

- 116 - 144 (Red)
- 100 - 115 (Orange)
- 79 - 99 (Yellow)
- 62 - 78 (Light Grey)
- 47 - 61 (Dark Grey)
- 34 - 46 (Medium Grey)
- 26 - 33 (Light Grey)
- 17 - 25 (Medium Grey)
- 10 - 16 (Light Grey)
- 6 - 9 (White)



CropperGIS

Data Sources: City of Newton, NPS  
Map Created: October 2023, ADM.

Map Note: Concentration represents counts of students within an eighth-mile radius. Concentrations of less than 6 students are excluded.



# Newton Public Schools, MA 2023-24 Middle School Zones

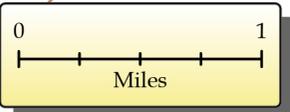
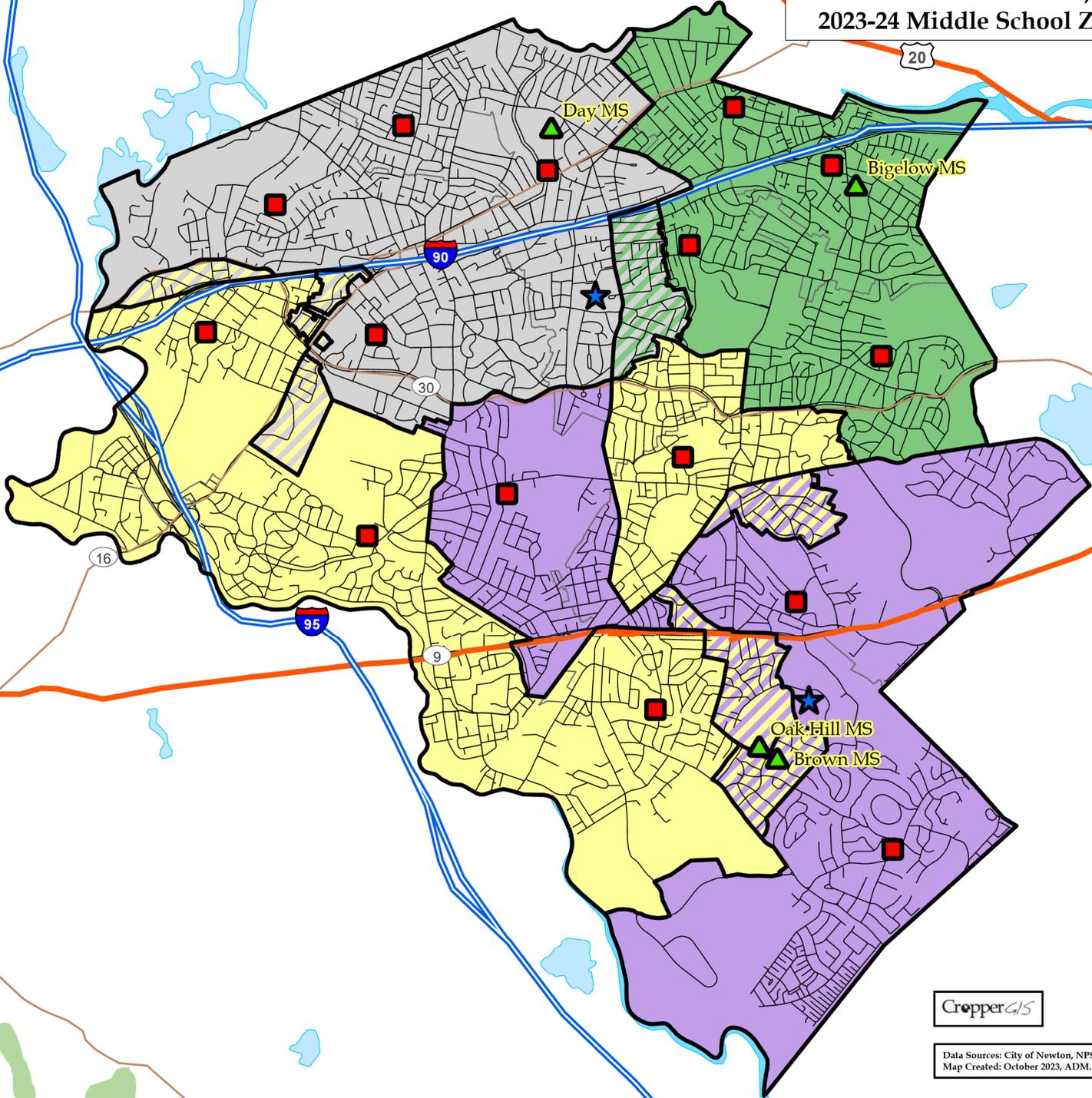
**Legend**

**School Type**

- Elementary (Red square)
- Middle (Green triangle)
- High (Blue star)

**2023-24 Middle School Zones**

- BIGELOW (Green)
- BROWN (Yellow)
- DAY (Grey)
- OAK HILL (Purple)



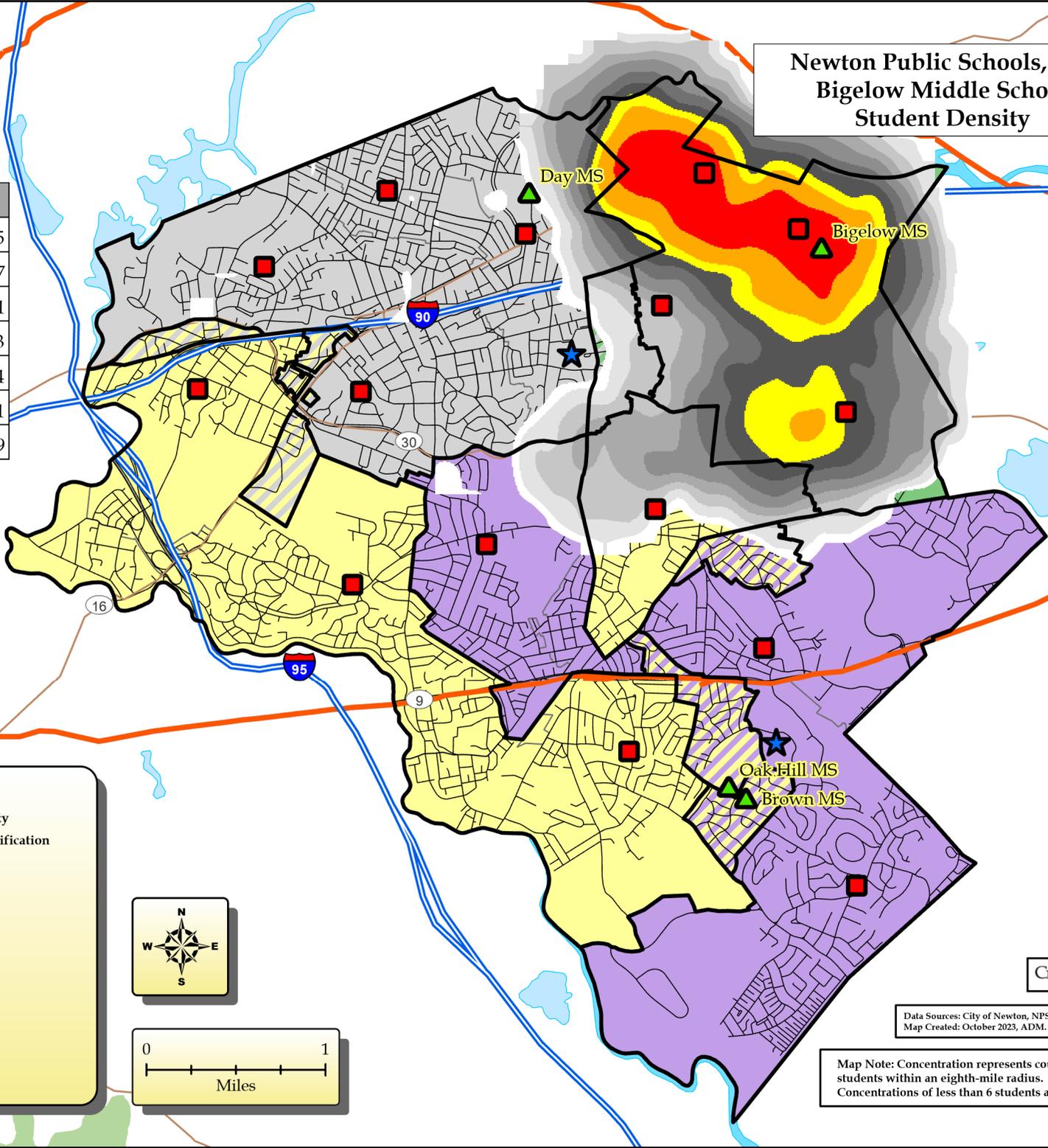
Data Sources: City of Newton, NPS  
Map Created: October 2023, ADM.



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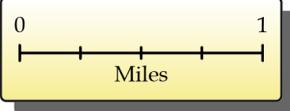
# Newton Public Schools, MA Bigelow Middle School Student Density

Bigelow	
Total Enrollment (6-8)	425
Out of District	37
Unmatched	1
Total Live-In (6-8)	423
Live and Attend In	334
Live Out, Attend In	91
Live In, Attend Out	89



**Legend**

<b>School Type</b>	<b>Student Density</b>
Elementary	<b>Quantile Classification</b>
Middle	73 - 94
High	57 - 72
<b>2023-24 Middle School Zones</b>	49 - 56
BIGELOW	41 - 48
BROWN	32 - 40
DAY	23 - 31
OAK HILL	17 - 22
	12 - 16
	8 - 11
	6 - 7



CropperGIS

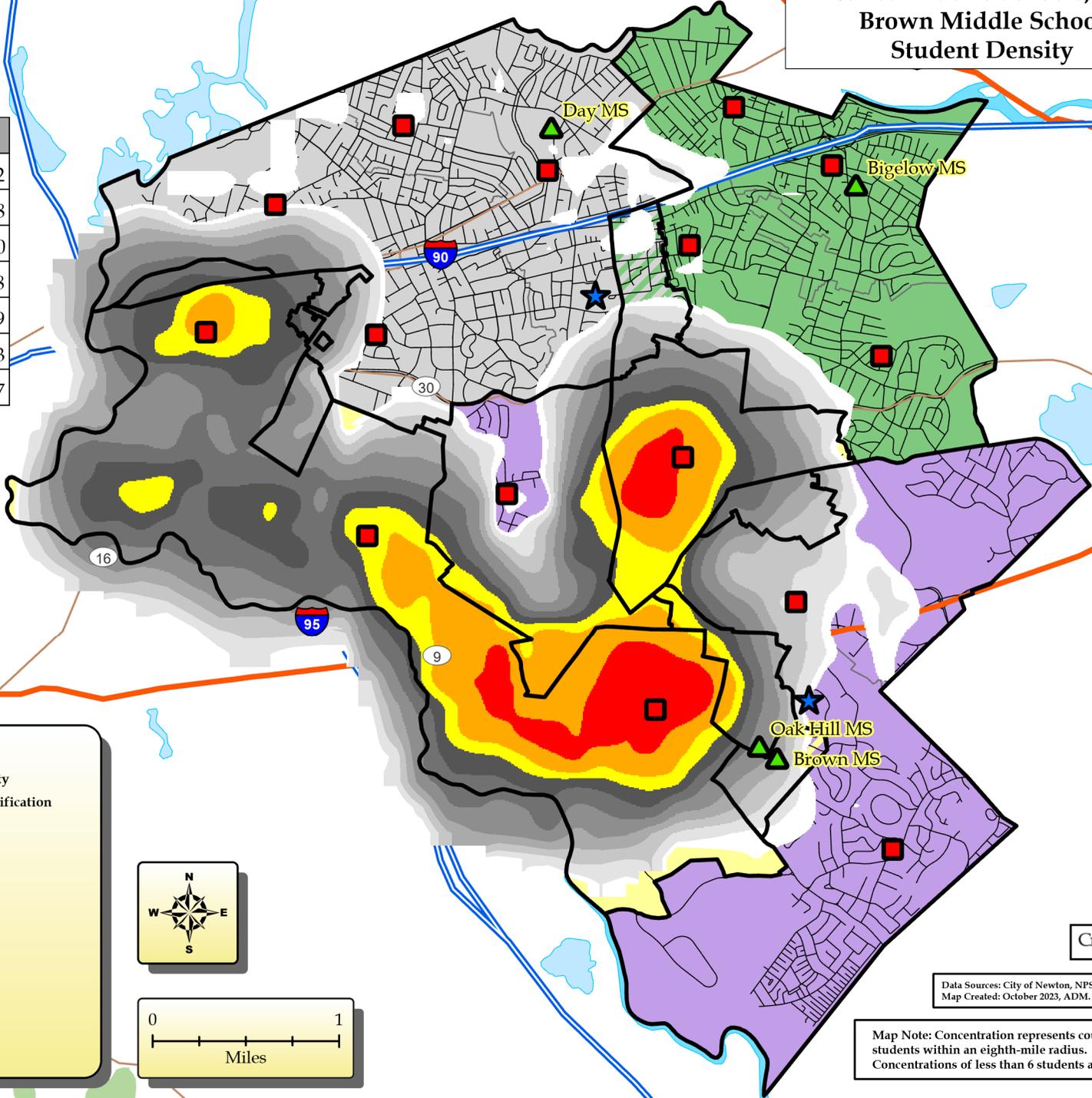
Data Sources: City of Newton, NPS  
Map Created: October 2023, ADM.

Map Note: Concentration represents counts of students within an eighth-mile radius. Concentrations of less than 6 students are excluded.



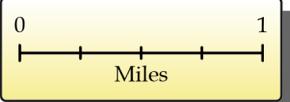
# Newton Public Schools, MA Brown Middle School Student Density

Brown	
Total Enrollment (6-8)	732
Out of District	28
Unmatched	0
Total Live-In (6-8)	728
Live and Attend In	639
Live Out, Attend In	93
Live In, Attend Out	107



**Legend**

<b>School Type</b>	<b>Student Density</b>
Elementary	<b>Quantile Classification</b>
Middle	73 - 94
High	57 - 72
<b>2023-24 Middle School Zones</b>	49 - 56
BIGELOW	41 - 48
BROWN	32 - 40
DAY	23 - 31
OAK HILL	17 - 22
	12 - 16
	8 - 11
	6 - 7



CropperGIS

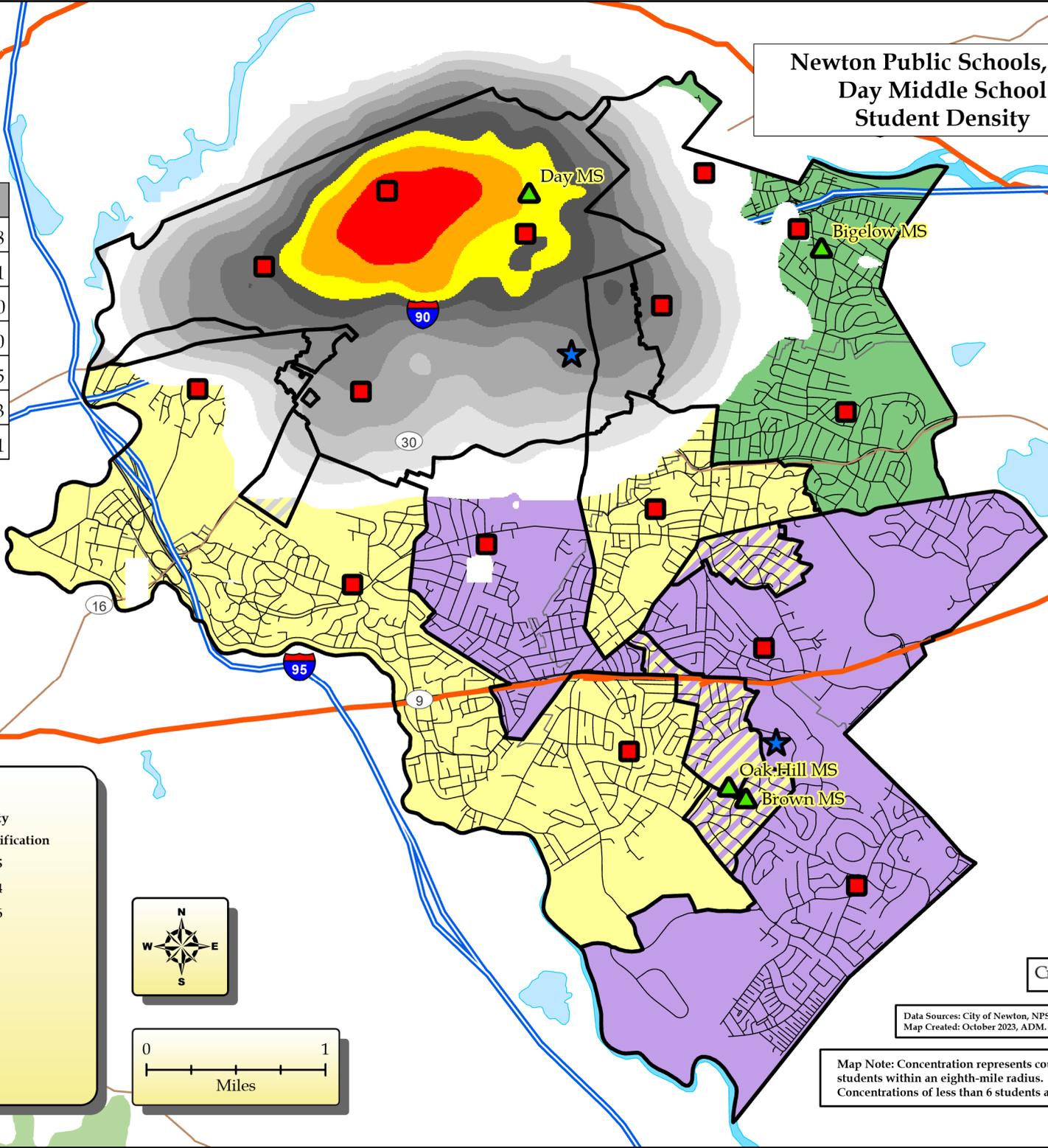
Data Sources: City of Newton, NPS  
Map Created: October 2023, ADM.

Map Note: Concentration represents counts of students within an eighth-mile radius. Concentrations of less than 6 students are excluded.



# Newton Public Schools, MA Day Middle School Student Density

Day	
Total Enrollment (6-8)	868
Out of District	41
Unmatched	0
Total Live-In (6-8)	810
Live and Attend In	745
Live Out, Attend In	123
Live In, Attend Out	51



**Legend**

**School Type**

- Elementary (Red square)
- Middle (Green triangle)
- High (Blue star)

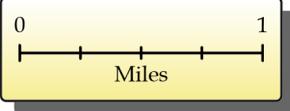
**2023-24 Middle School Zones**

- BIGELOW (Green)
- BROWN (Yellow)
- DAY (Grey)
- OAK HILL (Purple)

**Student Density**

**Quantile Classification**

- 155 - 185 (Red)
- 127 - 154 (Orange)
- 109 - 126 (Yellow)
- 94 - 108 (Light Grey)
- 77 - 93 (Dark Grey)
- 59 - 76 (Medium Grey)
- 42 - 58 (Lightest Grey)
- 28 - 41 (Very Light Grey)
- 16 - 27 (Off-white)
- 6 - 15 (White)



CropperGIS

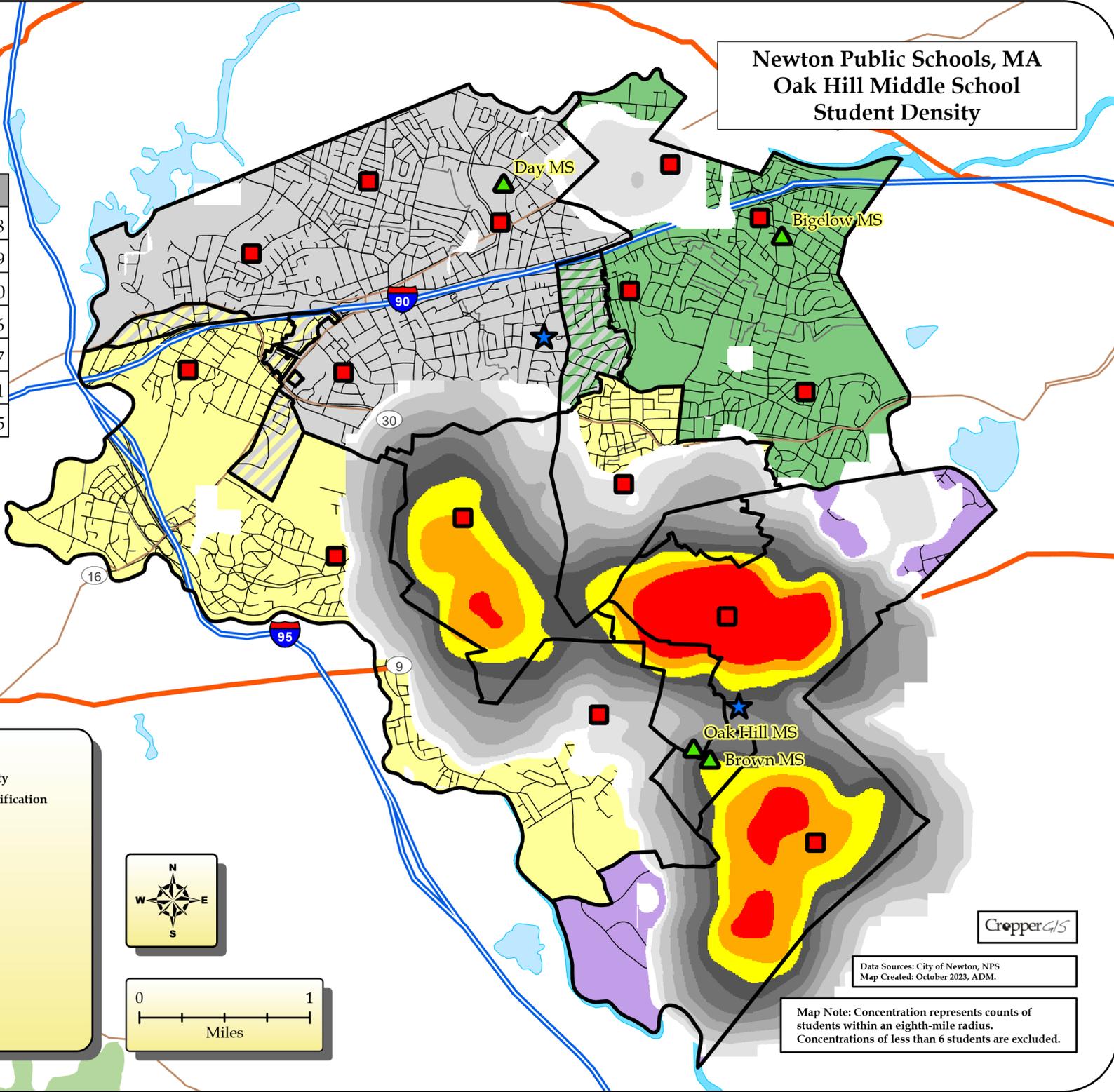
Data Sources: City of Newton, NPS  
Map Created: October 2023, ADM.

Map Note: Concentration represents counts of students within an eighth-mile radius. Concentrations of less than 6 students are excluded.



# Newton Public Schools, MA Oak Hill Middle School Student Density

Oak Hill	
Total Enrollment (6-8)	648
Out of District	39
Unmatched	0
Total Live-In (6-8)	566
Live and Attend In	517
Live Out, Attend In	131
Live In, Attend Out	45



**Legend**

**School Type**

- Elementary (Red Square)
- Middle (Green Triangle)
- High (Blue Star)

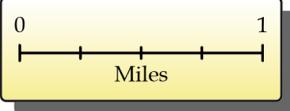
**2023-24 Middle School Zones**

- BIGELOW (Green)
- BROWN (Yellow)
- DAY (Grey)
- OAK HILL (Purple)

**Student Density**

**Quantile Classification**

- 70 - 107 (Red)
- 59 - 69 (Orange)
- 49 - 58 (Yellow)
- 41 - 48 (Light Grey)
- 32 - 40 (Medium Grey)
- 25 - 31 (Dark Grey)
- 18 - 24 (Lightest Grey)
- 11 - 17 (Very Light Grey)
- 8 - 10 (Off-white)
- 7 - 7 (White)



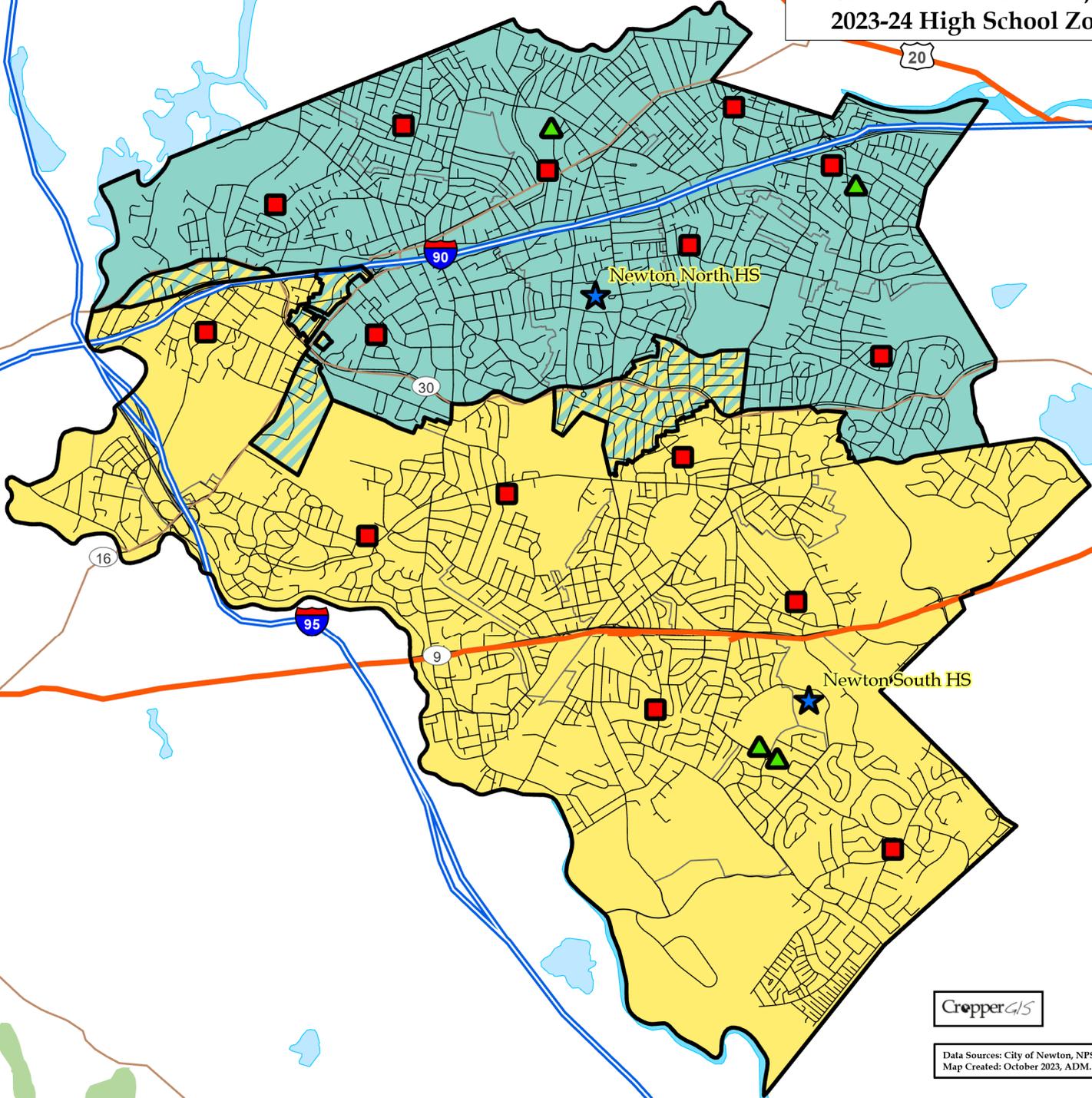
CropperGIS

Data Sources: City of Newton, NPS  
Map Created: October 2023, ADM.

Map Note: Concentration represents counts of students within an eighth-mile radius. Concentrations of less than 6 students are excluded.



# Newton Public Schools, MA 2023-24 High School Zones



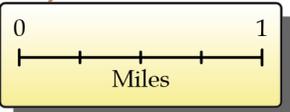
**Legend**

School Type

- Elementary (Red square)
- Middle (Green triangle)
- High (Blue star)

HS

- NORTH (Teal)
- SOUTH (Yellow)

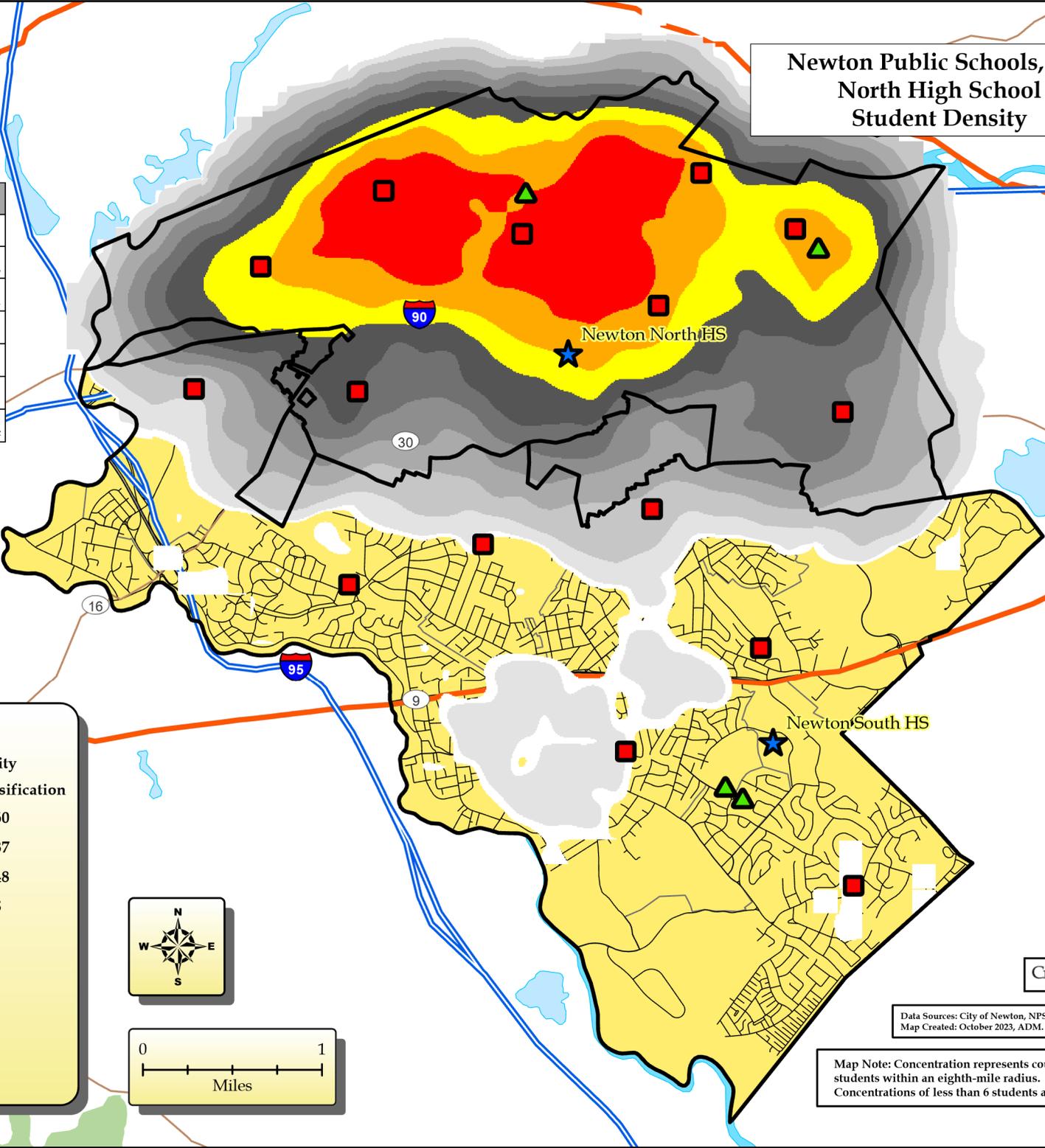


Data Sources: City of Newton, NPS  
Map Created: October 2023, ADM.



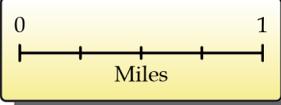
# Newton Public Schools, MA North High School Student Density

North	
Total Enrollment (9-12)	2102
Out of District	112
Unmatched	1
Total Live-In (9-12)	1939
Live and Attend In	1931
Live Out, Attend In	171
Live In, Attend Out	44



### Legend

<b>School Type</b>	<b>Student Density</b>
Elementary	<b>Quantile Classification</b>
Middle	188 - 260
High	149 - 187
<b>HS</b>	116 - 148
NORTH	88 - 115
SOUTH	68 - 87
	48 - 67
	28 - 47
	13 - 27
	7 - 12
	6



CropperGIS

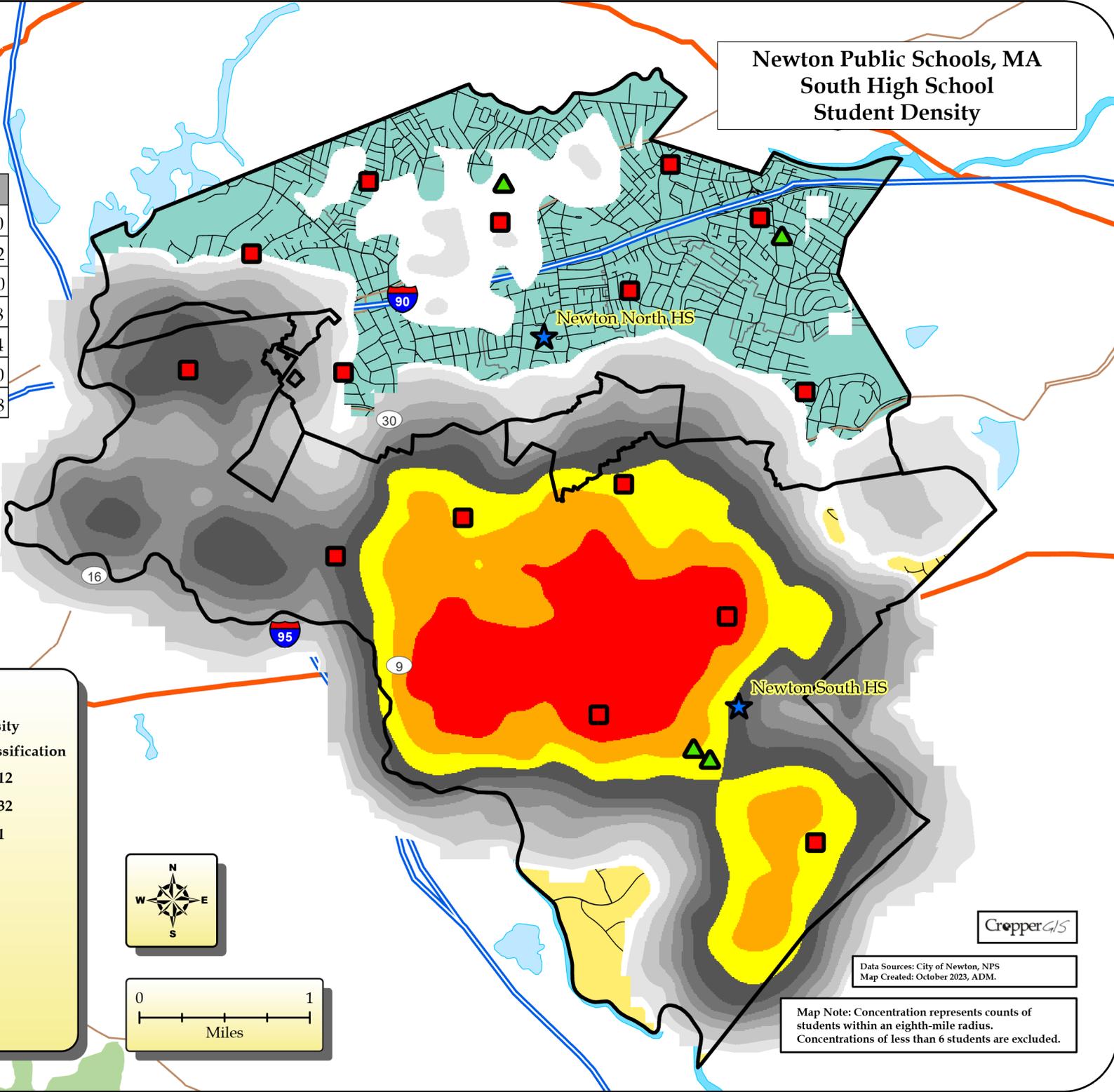
Data Sources: City of Newton, NPS  
Map Created: October 2023, ADM.

Map Note: Concentration represents counts of students within an eighth-mile radius. Concentrations of less than 6 students are excluded.



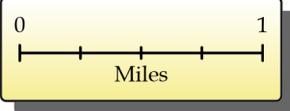
# Newton Public Schools, MA South High School Student Density

South	
Total Enrollment (9-12)	1860
Out of District	82
Unmatched	0
Total Live-In (9-12)	1828
Live and Attend In	1734
Live Out, Attend In	140
Live In, Attend Out	58



### Legend

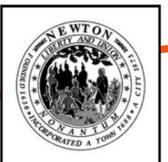
<b>School Type</b>	<b>Student Density</b>
Elementary	<b>Quantile Classification</b>
Middle	133 - 212
High	102 - 132
<b>HS</b>	76 - 101
NORTH	57 - 75
SOUTH	45 - 56
	36 - 44
	26 - 35
	14 - 25
	9 - 13
	7 - 8



CropperGIS

Data Sources: City of Newton, NPS  
Map Created: October 2023, ADM.

Map Note: Concentration represents counts of students within an eighth-mile radius. Concentrations of less than 6 students are excluded.



# Newton Public Schools, MA 2023-24 Elementary School Zones Select Student Yields

Williams (Woodland Park Apartments)

Cohort	Students	Units	Yield
K-5	17	128	0.13
6-8	4	128	0.03
9-12	15	128	0.12
K-12	36	128	0.28

Lincoln-Eliot (Multi Family Residences)

Cohort	Students	Units	Yield
K-5	24	248	0.10
6-8	16	248	0.06
9-12	21	248	0.08
K-12	61	248	0.25

Memorial-Spaulding (Single Family Homes)

Cohort	Students	Units	Yield
K-5	43	230	0.19
6-8	24	230	0.10
9-12	35	230	0.15
K-12	102	230	0.44

Angier (Single Family Homes)

Cohort	Students	Units	Yield
K-5	58	151	0.38
6-8	14	151	0.09
9-12	18	151	0.12
K-12	90	151	0.60

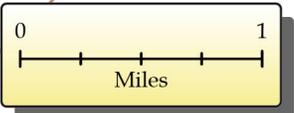
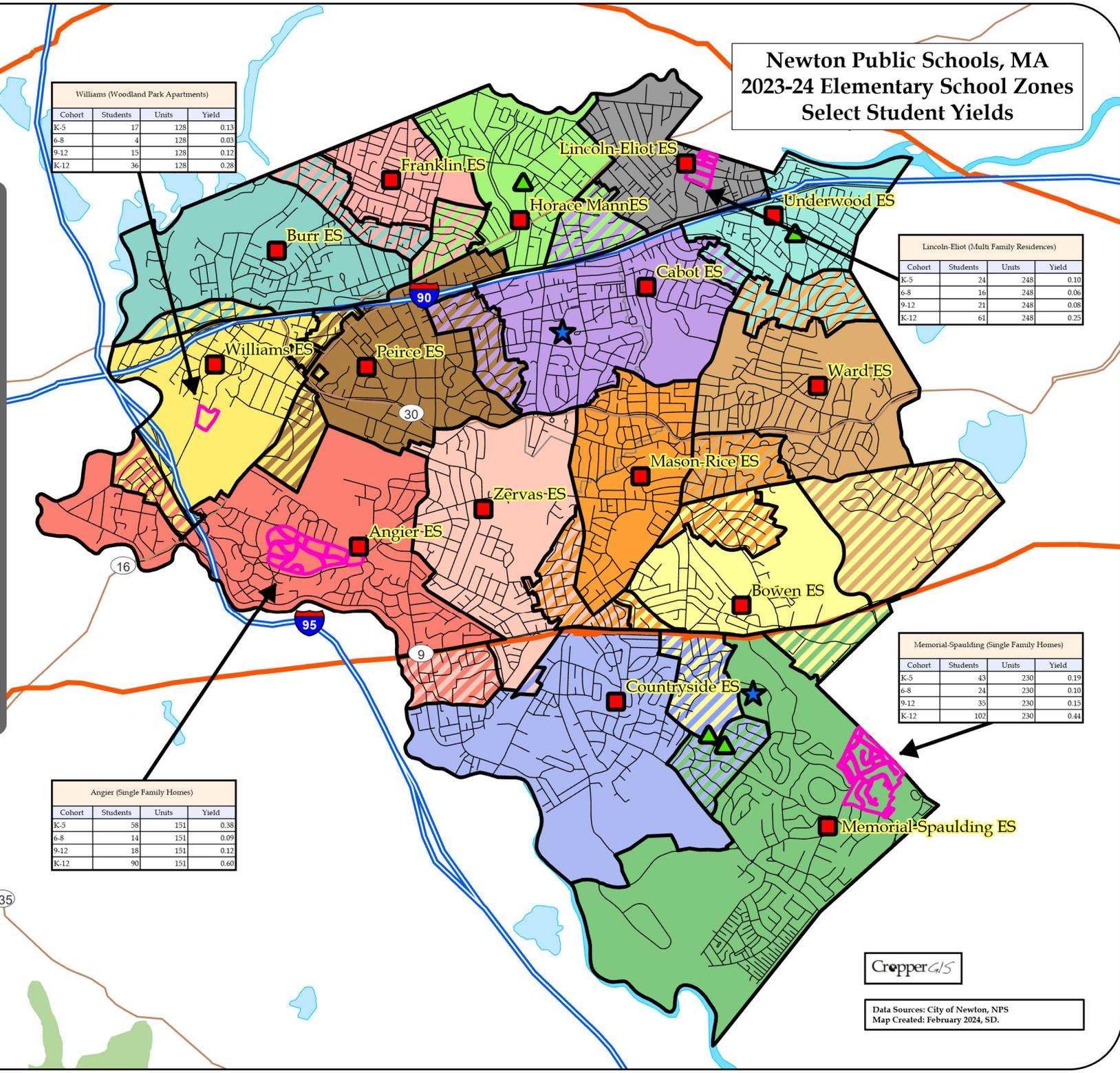
### Legend

**School Type**

- Elementary (Red square)
- Middle (Green triangle)
- High (Blue star)

**2023-24 Elementary School Zones**

- ANGIER (Red)
- BOWEN (Yellow)
- BURR (Teal)
- CABOT (Purple)
- COUNTRYSIDE (Light Blue)
- FRANKLIN (Pink)
- HORACE MANN (Light Green)
- LINCOLN-ELIOT (Grey)
- MASON-RICE (Orange)
- MEMORIAL-SPAULDING (Green)
- PEIRCE (Brown)
- UNDERWOOD (Light Cyan)
- WARD (Light Brown)
- WILLIAMS (Yellow-Orange)
- ZERVAS (Light Pink)



Data Sources: City of Newton, NPS  
Map Created: February 2024, SD.