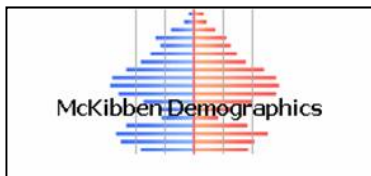




# Carlisle Area School District, PA Demographic Study

September 2015



Cropper GIS



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## Executive Summary

1. The total fertility rate for the Carlisle Area School District over the life of the forecasts is below replacement level. (1.82 vs. the replacement level of 2.1)
2. Most in-migration to the district continues to occur in the 0-to-4 and 25-to-39 year old age groups.
3. The local 18-to-24 year old population continues to leave 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.
4. The primary factor causing the district's enrollment to increase is the sustained level of in-migration of young households/families and a moderation in the number of households that are "empty nest".
5. Changes in year-to-year enrollment will primarily be due to larger cohorts entering and moving through the school system in conjunction with smaller cohorts leaving the system.
6. The elementary enrollment will begin a slow decline after 2019.
7. The median age of the population will increase from 38.9 in 2010 to 39.2 in 2025.
8. The primary cause in the rise of the high school enrollment after 2019 is due to the wave of relatively large grade cohorts currently in the elementary and middle school grades.
9. Even if the district continues to have a modest level of annual new housing unit construction, the rate, magnitude and price of existing home sales will become the increasingly dominant factor affecting the amount of population and enrollment change.
10. Total district enrollment is forecasted to increase by 212 students, or 4.3%, between 2014-15 and 2019-20. Total enrollment will grow by 120 students, or 2.3%, from 2019-20 to 2024-25.



## INTRODUCTION

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

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

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

The manifest purpose of these forecasts is to ascertain the demographic factors that will ultimately influence the enrollment levels in the district's schools. There are of course, other non-demographic factors the 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 is an excellent example of this factor); the development of charter schools in the district; the prevalence of home schooling in the area; and the dynamics of local private schools.

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

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

## DATA

The data used for the forecasts come from a variety of sources. The Carlisle Area School District provided enrollments by grade and attendance center for the school years 2010-2011 to 2014-15. Birth and death data for the years 2000 through 2012 were obtained from the Pennsylvania Department of Health. The net migration values were calculated using Internal Revenue Service migration reports for the years 2000 through 2011. The data used for the calculation of migration models came from the United States Bureau of the Census, 2005 to 2010, and the models were designed using demographic and economic factors. The base age-sex population



counts and demographic characteristics used are from the results of the 2010 Census.

Recently the Census Bureau began releasing annual estimates of demographic variables at the block group and tract level from the American Community Survey (ACS). There has been wide scale reporting of these results in the national, state and local media. However, due to the methodological problems the Census Bureau is experiencing with their estimates derived from ACS data, particularly in areas with a population of less than 60,000, the results of the ACS are not used in these forecasts. For example, given the sampling framework used by the Census Bureau, each year only 350 of the over 15,000 current households in the district would have been included. For comparison 2,300 households in the district were included in the sample for the long form questionnaire in the 2000 Census. As a result of this small sample size, the ACS survey result from the last 5 years must be aggregated to produce the tract and block group estimates.

To develop the population forecast models, past migration patterns, current age specific fertility patterns, the magnitude and dynamics of the gross migration, the age specific mortality trends, the distribution of the population by age and sex, the rate and type of existing housing unit sales, and future housing unit construction are considered to be primary variables. In addition, the change in household size relative to the age structure of the forecast area was addressed. While there was a slight drop in the average household size in the Carlisle Area School District as well as most other areas of the state during the previous 20 years, the rate of this decline has been forecasted to slow over the next ten years.

## ASSUMPTIONS

For these forecasts, the mortality probabilities are held constant at the levels calculated for the year 2010. While the number of deaths in an area are impacted by and will change given the proportion of the local population over age 65, in the absence of an extraordinary event such as a natural disaster or a breakthrough in the treatment of heart disease, death rates rarely move rapidly in any direction, particularly at the school district or attendance area level. Thus, significant changes are not foreseen in district's mortality rates between now and the year 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 rise in the fertility rates of the United States, overall fertility rates have stayed within a 10% range for most of the last 40 years. In fact, the vast majority of year to year change in an area's number of births is due to changes in the number of women in child bearing ages (particularly ages 20-29) rather than any fluctuation in an area's fertility rate.

The total fertility rate (TFR), the average number of births a woman will have in her lifetime, is estimated to be 1.82 for the total district for the ten years of the population forecasts. A TFR of 2.1 births per woman is considered to be the theoretical "replacement level" of fertility necessary for a population to remain constant in the absence of immigration. Therefore, in the absence of migration, fertility alone would be insufficient to maintain the current level of population and enrollment within the Carlisle Area School District over the course of the forecast period.

A close examination of data for the Carlisle Area School District has shown the age specific pattern of net migration will be nearly constant throughout the life of the forecasts. While the number of in and out migrants has changed in past years for the Carlisle Area School District (and will change again over the next 10 years), the basic age pattern of the migrants has stayed nearly the same over the last 30 years. Based on the analysis of data it is safe to assume this age specific migration trend will remain unchanged into the future. This pattern of migration shows most of the local out-migration occurring in the 18-to-24 year old 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 local immigration occurs in the 0-to-4 and 25-39 age groups (bulk of which is from areas within 75 miles of the Carlisle Area School District) primarily consisting of younger adults and their children.

As the Cumberland County area is not currently contemplating any major expansions or



contractions, the forecasts also assume that the current economic, political, social, and environmental factors, as well as the transportation and public works infrastructure (with a few notable exceptions) of the Carlisle Area School District and its attendance areas will remain the same through the year 2024. Below is a list of assumptions and issues that are specific to the Carlisle Area School District. These issues have been used to modify the population forecast models to more accurately predict the impact of these factors on each area's population change. Specifically, the forecasts for the Carlisle Area School District assume that throughout the study period:

- a. There will be no short term economic recovery in the next 18 months and the national, state or regional economy does not go into deep recession at anytime 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 reached an historic low and will not fluctuate more than one percentage point in the short term; the interest rate for a 30 year fixed home mortgage stays below 5.0%;
- c. The rate of mortgage approval stays at 1999-2003 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 2005-2007 average of Cumberland County for any year in the forecasts;
- f. All currently planned, platted, and approved housing developments are built out and completed by 2023. All housing units constructed are occupied by 2024;
- g. The unemployment rates for the Cumberland County area will remain below 6.0% for the 10 years of the forecasts;
- h. The rate of students transferring into and out of the Carlisle Area School District will remain at the 2010-11 to 2014-15 average;
- i. The inflation rate for gasoline will stay below 5% per year for the 10 years of the forecasts;
- j. There will be no building moratorium within the district;

- k. Businesses within the district and the Carlisle Area School District area will remain viable;
- l. 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;
- m. Housing turnover rates (sale of existing homes in the district) will remain at their current levels. The majority of existing home sales are made by home owners over the age of 55;
- n. Private school and home school attendance rates will remain constant;
- o. The recent decline in new home construction has ended and building rates have stabilized;
- p. The rate of foreclosures for commercial property remains at the 2004-2008 average for Cumberland County;

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

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

Finally, all demographic trends (i.e., births, deaths, and migration) are assumed to be linear in nature and annualized over the forecast period. For example, if 1,000 births are forecasted for a 5-year period, an equal number, or proportion of the births



are assumed to occur every year, 200 per year. Actual year-to-year variations do and will occur, but overall year to year trends are expected to be constant.

## METHODOLOGY

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

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

1. a base-year population (here, the 2010 Census population for Carlisle Area School District and its attendance areas);
2. a set of age-specific fertility rates for the district to be used over the forecast period and its attendance areas;
3. a set of age-specific survival (mortality) rates for the district and its attendance areas;
4. a set of age-specific migration rates for the district and its attendance areas; and;
5. Historical enrollment figures by grade.

The most significant and difficult aspect of producing enrollment forecasts is the generation of the population forecasts in which the school age population (and enrollment) is embedded. In turn, the most challenging aspect of generating the population forecasts is found in deriving the rates of change in fertility, mortality, and migration. From the standpoint of demographic analysis, the Carlisle

Area School District is classified as a “small area” population (as compared to the population of the state of Pennsylvania 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 Carlisle Area School District 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 Carlisle Area School District.

The enrollment forecasts were calculated using a modified average survivorship method. Average survivor rates (i.e., the proportion of students who progress from one grade level to the next given the average amount of net migration for that grade level) over the previous five years of year-to-year enrollment data were calculated for grades two through twelve. This procedure is used to identify specific grades where there are large numbers of students changing facilities for non-demographic factors, such as private school transfers or enrollment in special programs.

The survivorship rates were modified or adjusted to reflect the average rate of forecasted in and out migration of 5-to-9, 10-to-14 and 15-to-17 year old cohorts to each of the attendance centers in Carlisle Area School District for the period 2010 to 2015. 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 2015 to 2020. The survivorship rates were adjusted again for the period 2020 to 2025 to reflect the predicted changes in the amount of age-specific migration in the district for the period.

The forecasted enrollments for kindergarten and first grade are derived from the 5-to-9 year old population of the age-sex population forecast at the



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

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Appendix A: Enrollment Forecasts

Carlisle Area School District: Total District Enrollment

	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
<b>K</b>	357	359	372	357	334	362	366	364	361	354	351	345	339	332	333
<b>1</b>	392	371	389	384	390	375	388	392	390	387	380	375	367	361	354
<b>2</b>	373	389	383	380	376	395	381	394	398	396	396	388	383	373	367
<b>3</b>	366	352	411	385	381	377	398	385	398	402	401	401	394	389	379
<b>4</b>	356	378	345	391	388	388	380	403	390	403	408	406	406	399	394
<b>5</b>	389	369	376	342	397	388	391	379	403	391	405	410	408	409	402
<b>SE</b>	31	34	28	22	23	23	23	23	23	23	23	23	23	23	23
<b>Total: K-5</b>	2264	2252	2304	2261	2289	2308	2327	2340	2363	2356	2364	2348	2320	2286	2252
	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
<b>6</b>	333	392	350	373	343	393	384	389	376	401	391	405	413	412	412
<b>7</b>	322	355	426	362	372	355	407	397	403	391	419	408	423	431	431
<b>8</b>	377	335	358	389	367	369	352	403	393	401	391	419	408	423	433
<b>SE</b>	23	21	27	21	22	22	22	22	22	22	22	22	22	22	22
<b>Total: 6-8</b>	1055	1103	1161	1145	1104	1139	1165	1211	1194	1215	1223	1254	1266	1288	1298
	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
<b>9</b>	409	405	384	381	442	400	403	384	440	430	439	429	460	448	465
<b>10</b>	348	380	371	367	357	411	372	375	357	409	400	410	401	430	419
<b>11</b>	358	314	359	355	340	336	386	350	353	336	384	378	387	379	406
<b>12</b>	339	337	300	340	334	320	316	363	329	332	316	363	357	366	358
<b>9-10 E/S</b>	12	13	23	18	24	24	24	24	24	24	24	24	24	24	24
<b>11-12 E/S</b>	17	14	17	20	25	25	25	25	25	25	25	25	25	25	25
<b>CAEP</b>	3	6	7	3	4	4	4	4	4	4	4	4	4	4	4
<b>Total: 9-12</b>	1486	1469	1461	1484	1526	1520	1530	1525	1532	1560	1592	1633	1658	1676	1701
	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
<b>Total: K-12</b>	4805	4824	4926	4890	4919	4967	5022	5076	5089	5131	5179	5235	5244	5250	5251

Forecasts Developed August 2015

Green cells (2014-15 and earlier) are historical data

Blue cells (2015-16 and later) are forecasted years

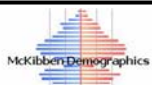
Carlisle Area School District: Total District Enrollment Changes

	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
<b>Total: K-12</b>	4805	4824	4926	4890	4919	4967	5022	5076	5089	5131	5179	5235	5244	5250	5251
<b>Change</b>		19	102	-36	29	48	55	54	13	42	48	56	9	6	1
<b>%-Change</b>		0.4%	2.1%	-0.7%	0.6%	1.0%	1.1%	1.1%	0.3%	0.8%	0.9%	1.1%	0.2%	0.1%	0.0%
	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
<b>Total: K-5</b>	2264	2252	2304	2261	2289	2308	2327	2340	2363	2356	2364	2348	2320	2286	2252
<b>Change</b>		-12	52	-43	28	19	19	13	23	-7	8	-16	-28	-34	-34
<b>%-Change</b>		-0.5%	2.3%	-1.9%	1.2%	0.8%	0.8%	0.6%	1.0%	-0.3%	0.3%	-0.7%	-1.2%	-1.5%	-1.5%
	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
<b>Total: 6-8</b>	1055	1103	1161	1145	1104	1139	1165	1211	1194	1215	1223	1254	1266	1288	1298
<b>Change</b>		48	58	-16	-41	35	26	46	-17	21	8	31	12	22	10
<b>%-Change</b>		4.5%	5.3%	-1.4%	-3.6%	3.2%	2.3%	3.9%	-1.4%	1.8%	0.7%	2.5%	1.0%	1.7%	0.8%
	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
<b>Total: 9-12</b>	1486	1469	1461	1484	1526	1520	1530	1525	1532	1560	1592	1633	1658	1676	1701
<b>Change</b>		-17	-8	23	42	-6	10	-5	7	28	32	41	25	18	25
<b>%-Change</b>		-1.1%	-0.5%	1.6%	2.8%	-0.4%	0.7%	-0.3%	0.5%	1.8%	2.1%	2.6%	1.5%	1.1%	1.5%

Forecasts Developed August 2015

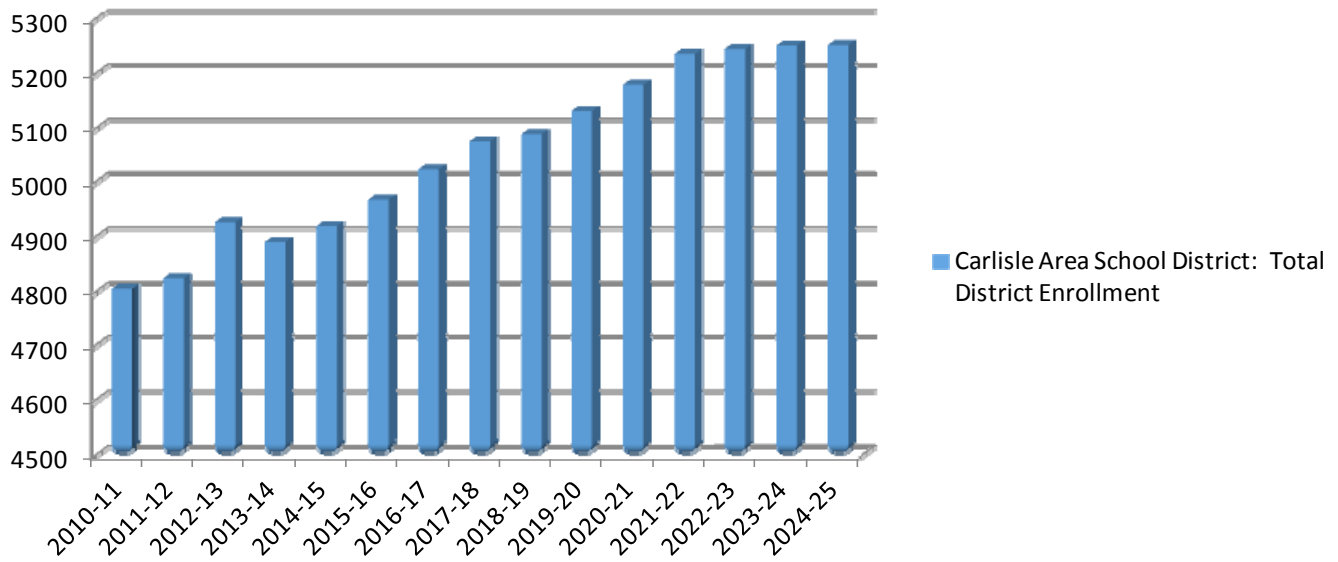
Green cells (2014-15 and earlier) are historical data

Blue cells (2015-16 and later) are forecasted years

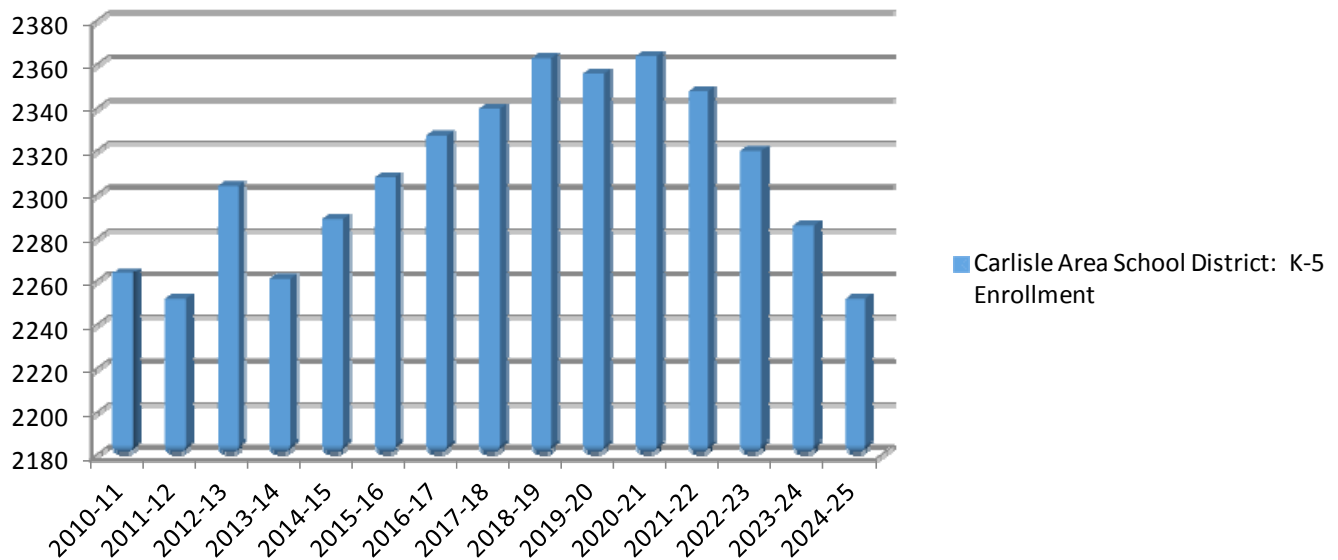




### Carlisle Area School District: Total District Enrollment

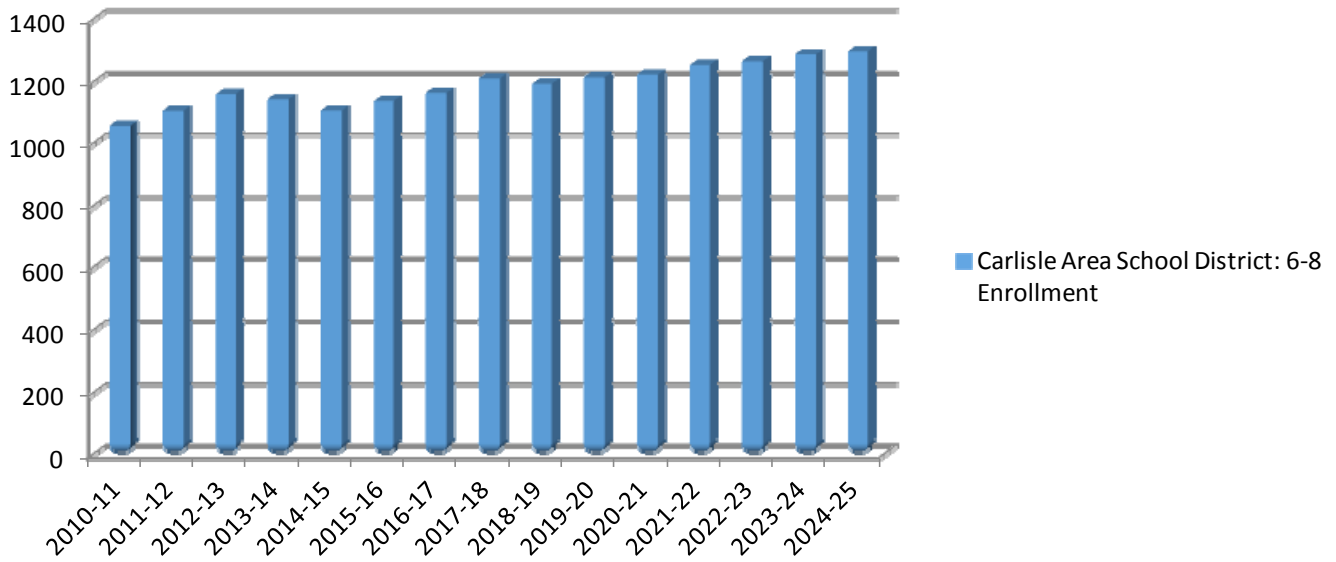


### Carlisle Area School District: K-5 Enrollment

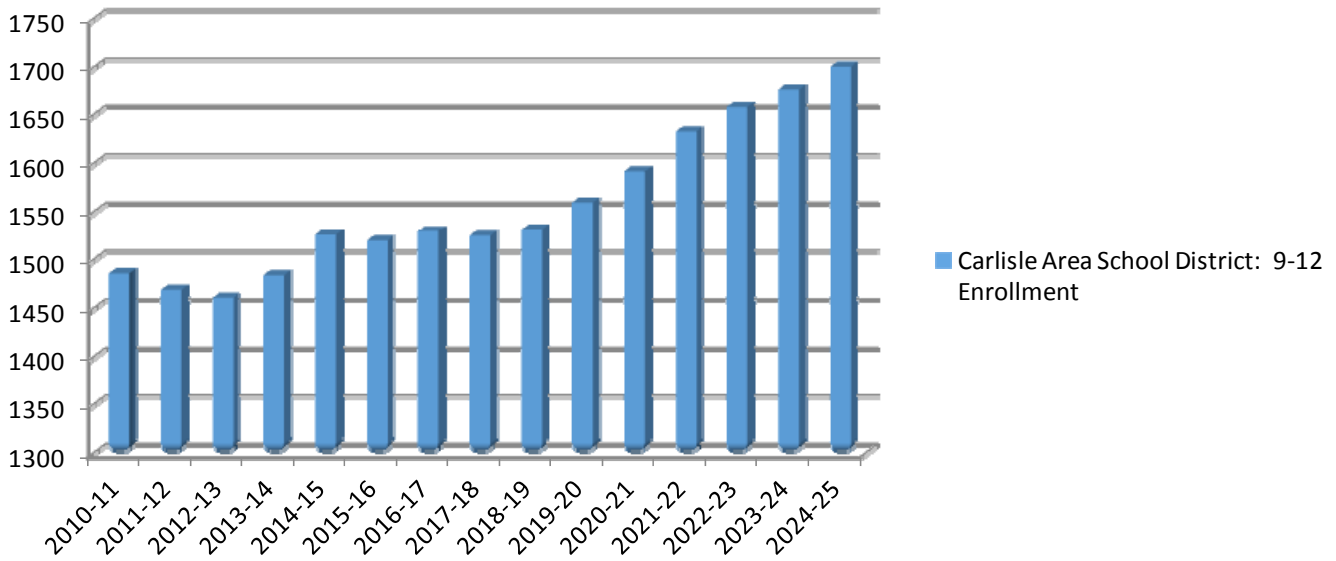




### Carlisle Area School District: 6-8 Enrollment



### Carlisle Area School District: 9-12 Enrollment





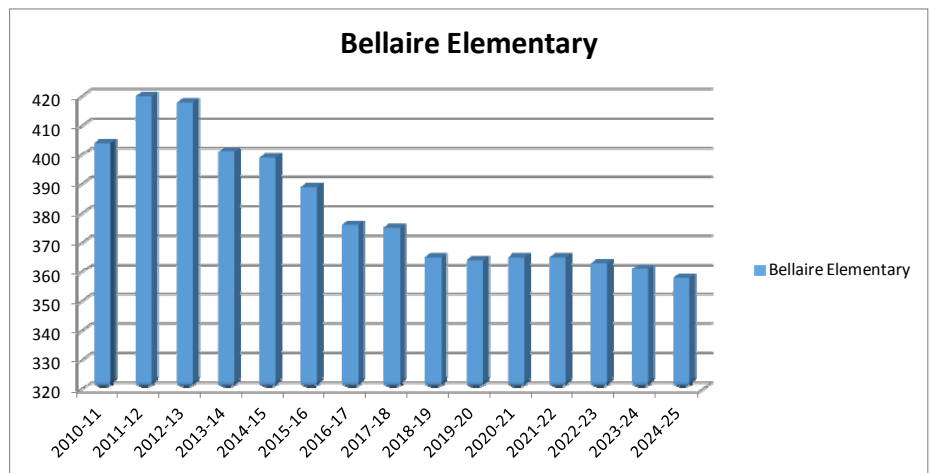
### Bellaire Elementary

	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
<b>K</b>	70	74	73	69	66	64	65	64	64	63	62	61	60	59	60
<b>1</b>	72	78	64	71	62	61	62	63	62	62	61	61	60	59	58
<b>2</b>	64	71	79	62	72	61	60	61	62	61	63	62	62	61	60
<b>3</b>	66	60	70	73	60	69	59	58	59	60	59	61	60	60	59
<b>4</b>	57	72	59	68	74	61	70	60	59	60	61	60	62	61	61
<b>5</b>	75	65	73	58	65	73	60	69	59	58	59	60	59	61	60
<b>SE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total K-5</b>	404	420	418	401	399	389	376	375	365	364	365	365	363	361	358
<b>Change</b>		16	-2	-17	-2	-10	-13	-1	-10	-1	1	0	-2	-2	-3
<b>% Change</b>		4.0%	-0.5%	-4.1%	-0.5%	-2.5%	-3.3%	-0.3%	-2.7%	-0.3%	0.3%	0.0%	-0.5%	-0.6%	-0.8%

Forecasts Developed August 2015

Green cells (2014-15 and earlier) are historical data

Blue cells (2015-16 and later) are forecasted years



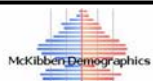
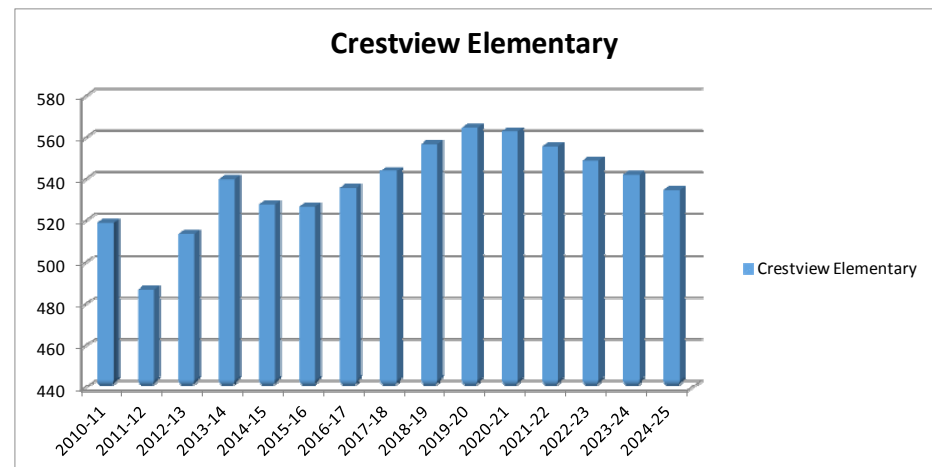
### Crestview Elementary

	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
<b>K</b>	80	63	73	65	73	75	75	74	74	73	74	73	72	71	70
<b>1</b>	97	94	87	91	83	90	91	91	90	90	89	88	87	86	85
<b>2</b>	83	93	100	88	83	87	95	96	96	95	94	93	92	90	89
<b>3</b>	73	73	101	103	91	86	90	99	100	100	98	97	96	95	93
<b>4</b>	83	76	82	102	93	94	89	93	102	103	102	100	99	98	97
<b>5</b>	95	88	71	91	105	95	96	91	95	104	106	105	103	102	101
<b>SE</b>	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total K-5</b>	519	487	514	540	528	527	536	544	557	565	563	556	549	542	535
<b>Change</b>		-32	27	26	-12	-1	9	8	13	8	-2	-7	-7	-7	-7
<b>% Change</b>		-6.2%	5.5%	5.1%	-2.2%	-0.2%	1.7%	1.5%	2.4%	1.4%	-0.4%	-1.2%	-1.3%	-1.3%	-1.3%

Forecasts Developed August 2015

Green cells (2014-15 and earlier) are historical data

Blue cells (2015-16 and later) are forecasted years





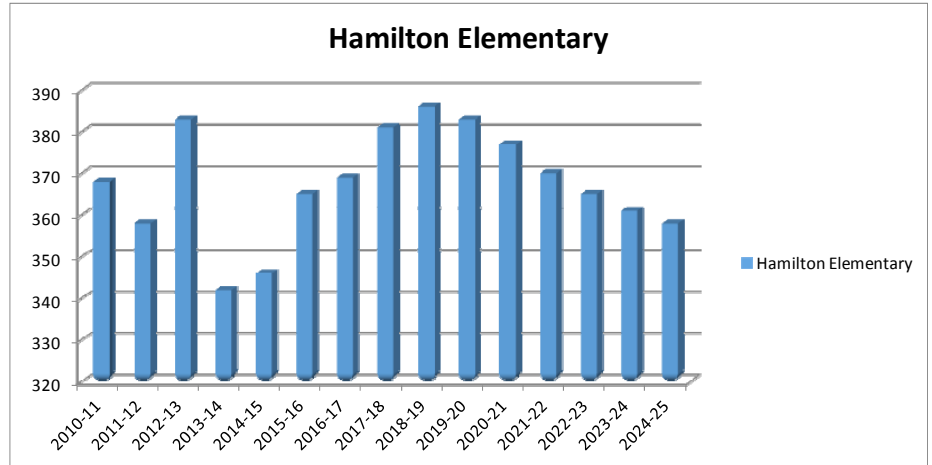
### Hamilton Elementary

	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
<b>K</b>	74	73	84	67	68	75	74	74	73	72	71	70	69	68	69
<b>1</b>	66	61	63	73	73	72	73	72	72	71	70	69	68	67	66
<b>2</b>	65	64	63	51	60	67	66	67	66	66	65	64	63	62	61
<b>3</b>	61	54	67	58	48	56	63	62	63	62	61	60	60	59	58
<b>4</b>	52	56	52	49	55	45	52	59	58	59	57	56	55	55	54
<b>5</b>	50	50	54	44	42	50	41	47	54	53	53	51	50	50	50
<b>SE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total K-5</b>	368	358	383	342	346	365	369	381	386	383	377	370	365	361	358
<b>Change</b>		-10	25	-41	4	19	4	12	5	-3	-6	-7	-5	-4	-3
<b>% Change</b>		-2.7%	7.0%	-10.7%	1.2%	5.5%	1.1%	3.3%	1.3%	-0.8%	-1.6%	-1.9%	-1.4%	-1.1%	-0.8%

Forecasts Developed August 2015

Green cells (2014-15 and earlier) are historical data

Blue cells (2015-16 and later) are forecasted years



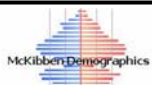
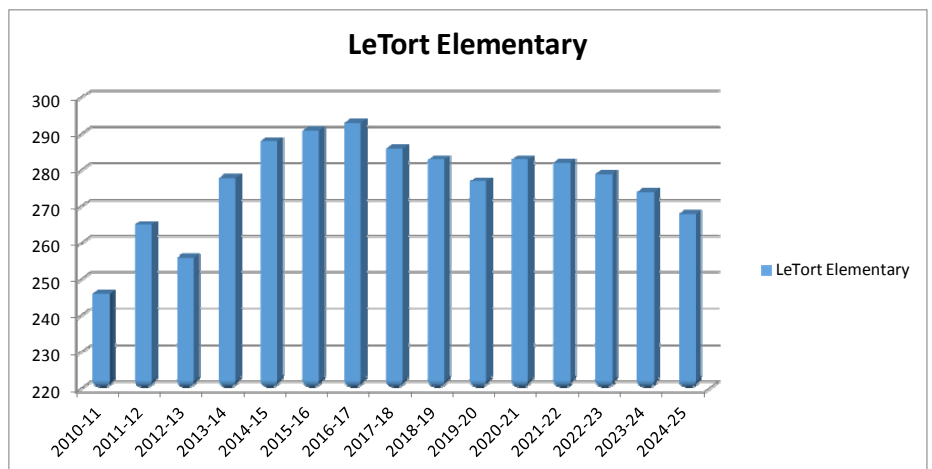
### LeTort Elementary

	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
<b>K</b>	46	50	50	51	39	46	47	47	46	44	43	42	42	41	40
<b>1</b>	32	41	47	49	47	38	43	44	44	43	41	41	40	40	39
<b>2</b>	49	39	33	54	48	49	40	45	46	46	46	43	43	42	42
<b>3</b>	43	52	42	40	55	50	51	42	47	48	49	49	46	46	45
<b>4</b>	37	48	42	44	49	58	53	54	45	50	52	53	53	50	50
<b>5</b>	39	35	42	40	50	50	59	54	55	46	52	54	55	55	52
<b>SE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total K-5</b>	246	265	256	278	288	291	293	286	283	277	283	282	279	274	268
<b>Change</b>		19	-9	22	10	3	2	-7	-3	-6	6	-1	-3	-5	-6
<b>% Change</b>		7.7%	-3.4%	8.6%	3.6%	1.0%	0.7%	-2.4%	-1.0%	-2.1%	2.2%	-0.4%	-1.1%	-1.8%	-2.2%

Forecasts Developed August 2015

Green cells (2014-15 and earlier) are historical data

Blue cells (2015-16 and later) are forecasted years





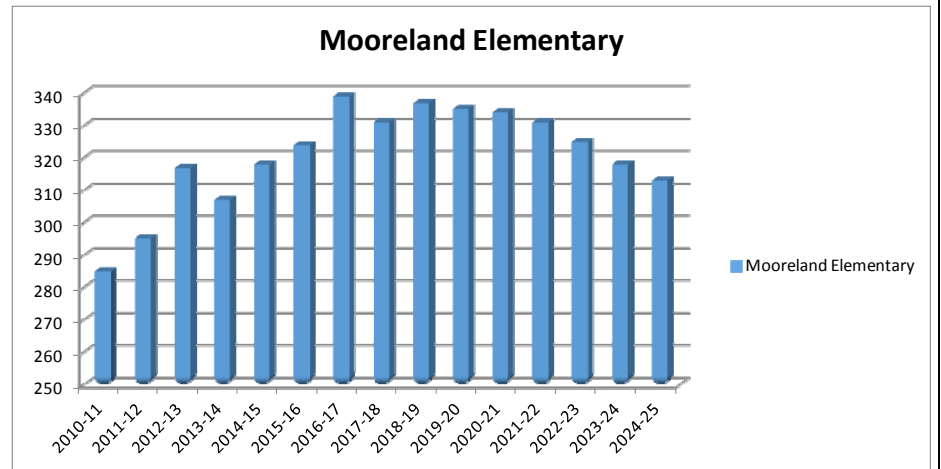
### Mooreland Elementary

	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
<b>K</b>	28	44	34	40	36	39	40	40	39	39	39	38	37	36	37
<b>1</b>	47	37	60	46	53	51	52	53	53	52	52	51	49	48	47
<b>2</b>	51	42	46	60	49	55	53	54	55	55	54	54	53	50	49
<b>3</b>	43	53	54	43	66	52	59	57	58	59	58	57	57	56	53
<b>4</b>	51	44	55	58	49	70	55	63	60	61	62	61	60	60	59
<b>5</b>	50	57	55	54	59	51	74	58	66	63	63	64	63	62	62
<b>SE</b>	15	18	13	6	6	6	6	6	6	6	6	6	6	6	6
<b>Total K-5</b>	285	295	317	307	318	324	339	331	337	335	334	331	325	318	313
<b>Change</b>		10	22	-10	11	6	15	-8	6	-2	-1	-3	-6	-7	-5
<b>% Change</b>		3.5%	7.5%	-3.2%	3.6%	1.9%	4.6%	-2.4%	1.8%	-0.6%	-0.3%	-0.9%	-1.8%	-2.2%	-1.6%

Forecasts Developed August 2015

Green cells (2014-15 and earlier) are historical data

Blue cells (2015-16 and later) are forecasted years



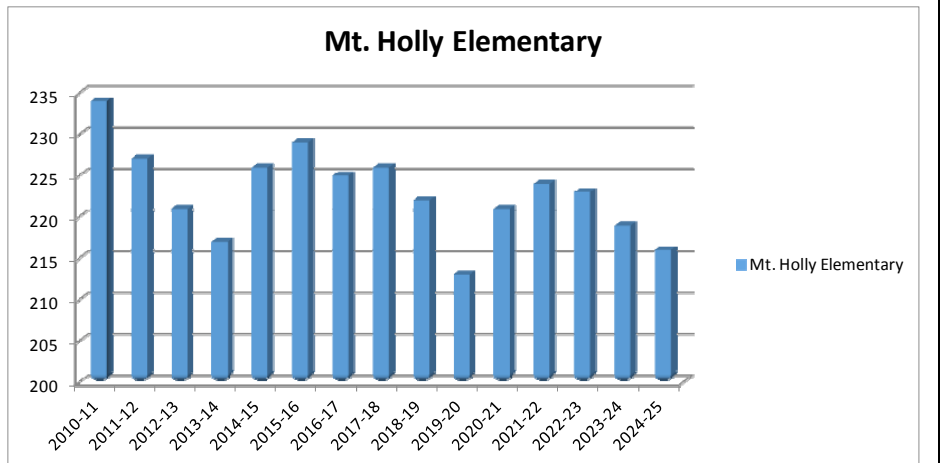
### Mt. Holly Elementary

	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
<b>K</b>	30	34	39	39	23	32	34	35	35	34	33	32	31	30	32
<b>1</b>	46	28	38	36	45	30	33	35	36	36	35	34	33	32	31
<b>2</b>	28	46	32	38	43	48	32	35	37	38	39	38	37	36	35
<b>3</b>	41	29	42	37	34	42	47	31	34	36	39	40	39	38	37
<b>4</b>	42	42	24	35	37	32	39	44	29	32	35	37	38	37	36
<b>5</b>	39	41	37	25	35	36	31	37	42	28	31	34	36	37	36
<b>SE</b>	8	7	9	7	9	9	9	9	9	9	9	9	9	9	9
<b>Total K-5</b>	234	227	221	217	226	229	225	226	222	213	221	224	223	219	216
<b>Change</b>		-7	-6	-4	9	3	-4	1	-4	-9	8	3	-1	-4	-3
<b>% Change</b>		-3.0%	-2.6%	-1.8%	4.1%	1.3%	-1.7%	0.4%	-1.8%	-4.1%	3.8%	1.4%	-0.4%	-1.8%	-1.4%

Forecasts Developed August 2015

Green cells (2014-15 and earlier) are historical data

Blue cells (2015-16 and later) are forecasted years





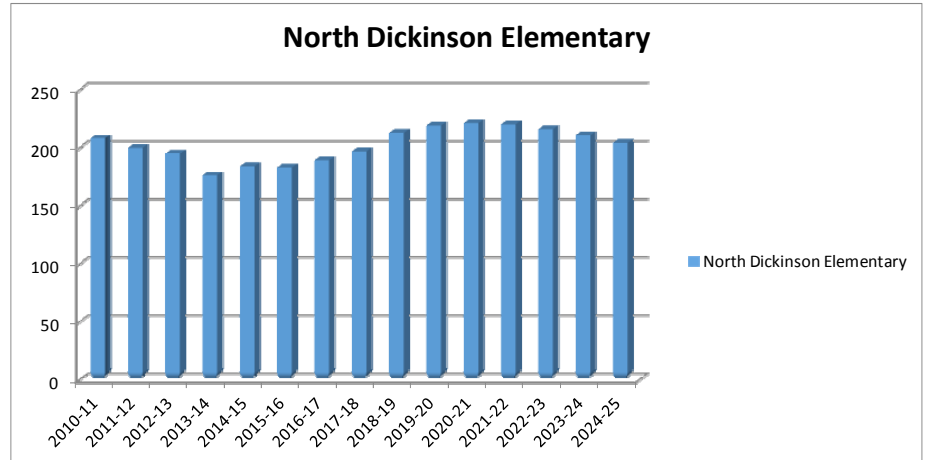
### North Dickinson Elementary

	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
<b>K</b>	29	21	19	26	29	31	31	30	30	29	29	29	28	27	25
<b>1</b>	32	32	30	18	27	33	34	34	33	33	32	31	30	29	28
<b>2</b>	33	34	30	27	21	28	35	36	36	35	35	34	33	32	31
<b>3</b>	39	31	35	31	27	22	29	36	37	37	37	37	36	35	34
<b>4</b>	34	40	31	35	31	28	22	30	37	38	39	39	39	38	37
<b>5</b>	41	33	44	30	41	33	30	23	32	39	41	42	42	42	41
<b>SE</b>	0	9	6	9	8	8	8	8	8	8	8	8	8	8	8
<b>Total K-5</b>	208	200	195	176	184	183	189	197	213	219	221	220	216	211	204
<b>Change</b>		-8	-5	-19	8	-1	6	8	16	6	2	-1	-4	-5	-7
<b>% Change</b>		-3.8%	-2.5%	-9.7%	4.5%	-0.5%	3.3%	4.2%	8.1%	2.8%	0.9%	-0.5%	-1.8%	-2.3%	-3.3%

Forecasts Developed August 2015

Green cells (2014-15 and earlier) are historical data

Blue cells (2015-16 and later) are forecasted years



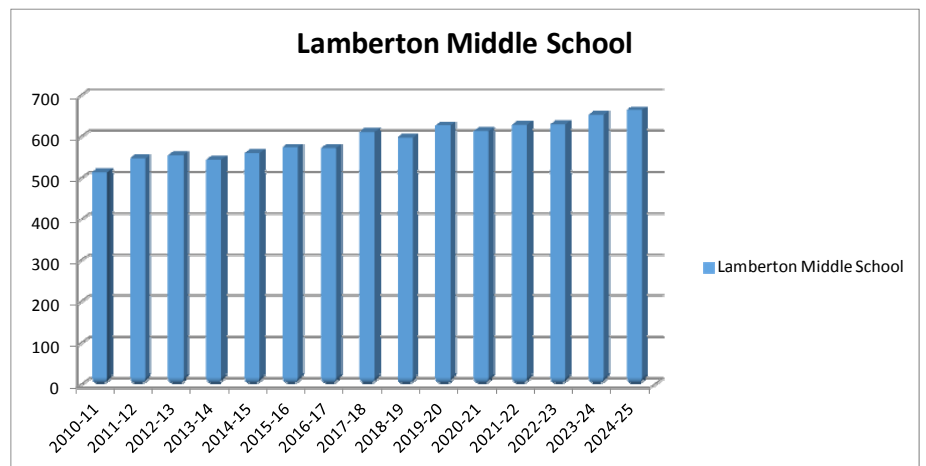
### Lamberton Middle School

	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
<b>6</b>	174	187	158	188	166	194	179	204	181	205	187	198	206	208	208
<b>7</b>	157	184	203	170	193	176	206	190	216	194	219	200	212	220	223
<b>8</b>	174	168	182	178	192	195	178	208	192	220	198	223	204	216	224
<b>SE</b>	10	10	13	10	10	10	10	10	10	10	10	10	10	10	10
<b>Total: 6-8</b>	515	549	556	546	561	575	573	612	599	629	614	631	632	654	665
<b>Change</b>		34	7	-10	15	14	-2	39	-13	30	-15	17	1	22	11
<b>% Change</b>		6.6%	1.3%	-1.8%	2.7%	2.5%	-0.3%	6.8%	-2.1%	5.0%	-2.4%	2.8%	0.2%	3.5%	1.7%

Forecasts Developed August 2015

Green cells (2014-15 and earlier) are historical data

Blue cells (2015-16 and later) are forecasted years





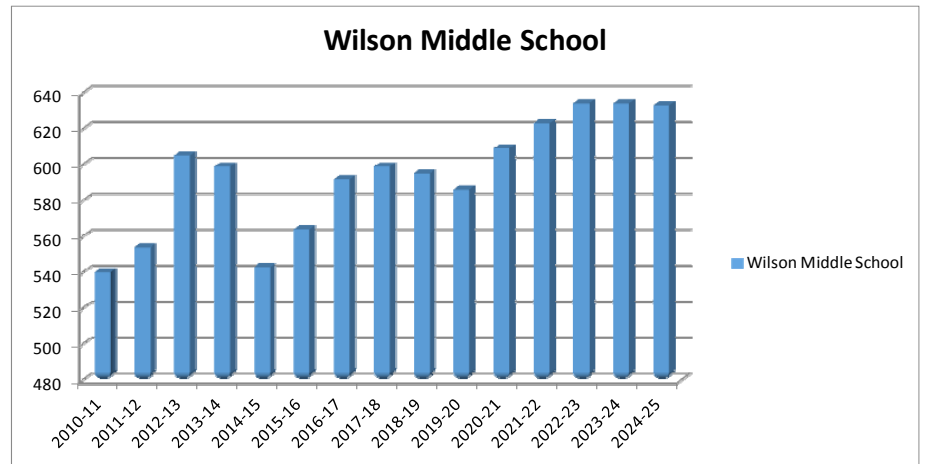
### Wilson Middle School

	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
6	159	205	192	185	177	199	205	185	195	196	204	207	207	204	204
7	165	171	223	192	179	179	201	207	187	197	200	208	211	211	208
8	203	167	176	211	175	174	174	195	201	181	193	196	204	207	209
SE	13	11	14	11	12	12	12	12	12	12	12	12	12	12	12
<b>Total: 6-8</b>	540	554	605	599	543	564	592	599	595	586	609	623	634	634	633
<b>Change</b>		14	51	-6	-56	21	28	7	-4	-9	23	14	11	0	-1
<b>% Change</b>		2.6%	9.2%	-1.0%	-9.3%	3.9%	5.0%	1.2%	-0.7%	-1.5%	3.9%	2.3%	1.8%	0.0%	-0.2%

Forecasts Developed August 2015

Green cells (2014-15 and earlier) are historical data

Blue cells (2015-16 and later) are forecasted years



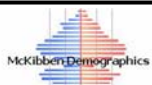
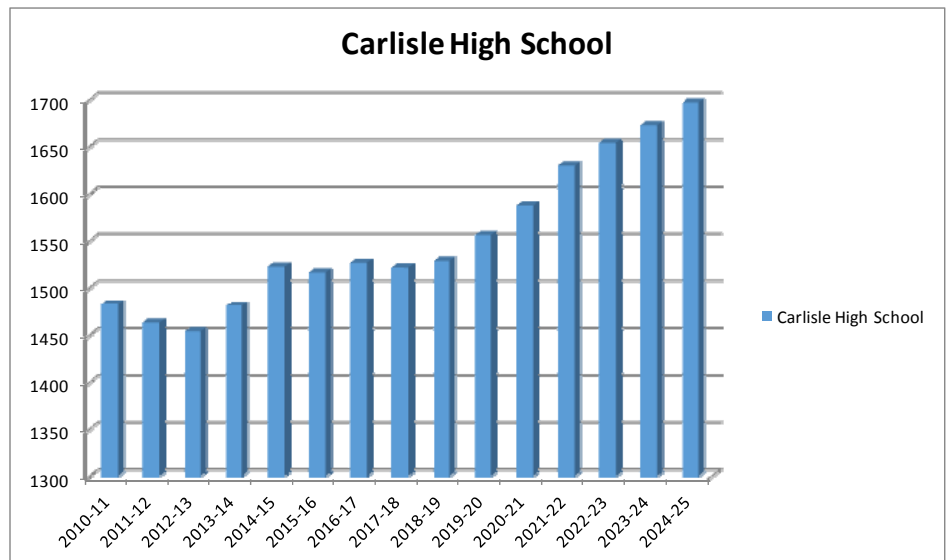
### Carlisle High School

	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
9	409	405	384	381	442	400	403	384	440	430	439	429	460	448	465
10	348	380	371	367	357	411	372	375	357	409	400	410	401	430	419
11	358	314	359	355	340	336	386	350	353	336	384	378	387	379	406
12	339	337	300	340	334	320	316	363	329	332	316	363	357	366	358
E/S	29	27	40	38	49	49	49	49	49	49	49	49	49	49	49
<b>Total: 9-12</b>	1483	1463	1454	1481	1522	1516	1526	1521	1528	1556	1588	1629	1654	1672	1697
<b>Change</b>		-20	-9	27	41	-6	10	-5	7	28	32	41	25	18	25
<b>% Change</b>		-1.3%	-0.6%	1.9%	2.8%	-0.4%	0.7%	-0.3%	0.5%	1.8%	2.1%	2.6%	1.5%	1.1%	1.5%

Forecasts Developed August 2015

Green cells (2014-15 and earlier) are historical data

Blue cells (2015-16 and later) are forecasted years







CARLISLE AREA SCHOOL DISTRICT, PA  
DEMOGRAPHIC STUDY

**Appendix B: Population Forecasts**  
**Carlisle Area School District**

Males	2010	2015	2020	2025	Females	2010	2015	2020	2025	Total	2010	2015	2020	2025
0-4	1,102	1,150	1,100	1,030	0-4	1,092	1,100	1,060	1,020	0-4	2,194	2,250	2,160	2,050
5-9	1,119	1,110	1,140	1,110	5-9	1,075	1,110	1,110	1,060	5-9	2,194	2,220	2,250	2,170
10-14	1,066	1,120	1,120	1,160	10-14	1,040	1,090	1,110	1,110	10-14	2,106	2,210	2,230	2,270
15-19	1,289	1,340	1,390	1,410	15-19	1,473	1,430	1,460	1,500	15-19	2,762	2,770	2,850	2,910
20-24	1,514	1,530	1,590	1,620	20-24	1,627	1,610	1,560	1,590	20-24	3,141	3,140	3,150	3,210
25-29	1,183	1,240	1,240	1,300	25-29	1,263	1,330	1,310	1,250	25-29	2,446	2,570	2,550	2,550
30-34	1,050	1,160	1,190	1,200	30-34	1,016	1,230	1,300	1,280	30-34	2,066	2,390	2,490	2,480
35-39	1,038	1,060	1,170	1,220	35-39	1,054	1,020	1,270	1,330	35-39	2,092	2,080	2,440	2,550
40-44	1,196	1,040	1,070	1,180	40-44	1,222	1,070	1,030	1,270	40-44	2,418	2,110	2,100	2,450
45-49	1,326	1,180	1,030	1,050	45-49	1,312	1,220	1,060	1,030	45-49	2,638	2,400	2,090	2,080
50-54	1,310	1,310	1,160	1,000	50-54	1,329	1,300	1,200	1,050	50-54	2,639	2,610	2,360	2,050
55-59	1,186	1,280	1,270	1,120	55-59	1,280	1,300	1,270	1,180	55-59	2,466	2,580	2,540	2,300
60-64	1,075	1,140	1,210	1,220	60-64	1,205	1,250	1,280	1,250	60-64	2,280	2,390	2,490	2,470
65-69	781	940	1,010	1,110	65-69	865	1,100	1,140	1,180	65-69	1,646	2,040	2,150	2,290
70-74	537	670	830	880	70-74	639	790	1,010	1,070	70-74	1,176	1,460	1,840	1,950
75-79	417	440	530	680	75-79	593	550	690	920	75-79	1,010	990	1,220	1,600
80-84	317	320	340	440	80-84	507	510	490	610	80-84	824	830	830	1,050
85+	260	300	330	330	85+	716	780	830	850	85+	976	1,080	1,160	1,180
<b>Total</b>	<b>17,766</b>	<b>18,330</b>	<b>18,720</b>	<b>19,060</b>	<b>Total</b>	<b>19,308</b>	<b>19,790</b>	<b>20,180</b>	<b>20,550</b>	<b>Total</b>	<b>37,074</b>	<b>38,120</b>	<b>38,900</b>	<b>39,610</b>
<b>Median Age</b>					<b>Median Age</b>					<b>Median Age</b>	<b>38.9</b>	<b>38.6</b>	<b>38.6</b>	<b>39.2</b>

	2010 to 2015	2015 to 2020	2020 to 2025
<b>Births</b>	2,030	1,980	1,880
<b>Deaths</b>	1,570	1,670	1,800
<b>Natural Increase</b>	460	310	80
<b>Net Migration</b>	530	550	500
<b>Change</b>	990	860	580

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

**Bellaire Elementary**

Males	2010	2015	2020	2025	Females	2010	2015	2020	2025	Total	2010	2015	2020	2025
0-4	166	170	160	160	0-4	183	160	150	150	0-4	349	330	310	310
5-9	170	160	160	150	5-9	158	170	150	140	5-9	328	330	310	290
10-14	123	160	150	150	10-14	142	150	160	140	10-14	265	310	310	290
15-19	302	320	360	350	15-19	371	340	350	360	15-19	673	660	710	710
20-24	423	400	420	460	20-24	428	470	440	450	20-24	851	870	860	910
25-29	191	220	200	220	25-29	201	230	270	240	25-29	392	450	470	460
30-34	164	170	200	180	30-34	158	180	210	250	30-34	322	350	410	430
35-39	138	140	160	190	35-39	148	140	170	200	35-39	286	280	330	390
40-44	164	140	140	160	40-44	162	150	140	170	40-44	326	290	280	330
45-49	158	160	140	140	45-49	190	160	150	140	45-49	348	320	290	280
50-54	180	160	160	130	50-54	163	190	160	150	50-54	343	350	320	280
55-59	165	170	150	150	55-59	181	160	180	160	55-59	346	330	330	310
60-64	152	160	170	140	60-64	187	180	160	180	60-64	339	340	330	320
65-69	108	140	150	160	65-69	139	180	170	150	65-69	248	320	320	310
70-74	93	100	130	130	70-74	89	130	170	160	70-74	181	230	300	290
75-79	53	80	80	110	75-79	91	80	120	160	75-79	143	160	200	270
80-84	55	40	60	60	80-84	75	80	70	100	80-84	130	120	130	160
85+	22	40	40	50	85+	51	80	100	100	85+	73	120	140	150
<b>Total</b>	<b>2,828</b>	<b>2,930</b>	<b>3,030</b>	<b>3,090</b>	<b>Total</b>	<b>3,115</b>	<b>3,230</b>	<b>3,320</b>	<b>3,400</b>	<b>Total</b>	<b>5,943</b>	<b>6,160</b>	<b>6,350</b>	<b>6,490</b>
<b>Median Age</b>					<b>Median Age</b>					<b>Median Age</b>	<b>31.8</b>	<b>31.9</b>	<b>32.5</b>	<b>33.2</b>

	2010 to 2015	2015 to 2020	2020 to 2025
<b>Births</b>	310	310	310
<b>Deaths</b>	210	230	260
<b>Natural Increase</b>	100	80	50
<b>Net Migration</b>	100	100	100
<b>Change</b>	200	180	150

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

**Crestview Elementary**

Males	2010	2015	2020	2025	Females	2010	2015	2020	2025	Total	2010	2015	2020	2025
0-4	222	230	220	200	0-4	212	230	220	200	0-4	435	460	440	400
5-9	271	260	270	260	5-9	228	250	260	250	5-9	499	510	530	510
10-14	241	270	260	270	10-14	221	230	250	260	10-14	463	500	510	530
15-19	217	200	230	220	15-19	183	190	190	210	15-19	400	390	420	430
20-24	187	180	170	200	20-24	191	150	150	160	20-24	378	330	320	360
25-29	207	220	220	200	25-29	223	230	180	180	25-29	430	450	400	380
30-34	229	230	240	240	30-34	198	250	250	200	30-34	427	480	490	440
35-39	264	250	250	260	35-39	250	220	270	270	35-39	514	470	520	530
40-44	255	260	250	250	40-44	261	250	220	270	40-44	516	510	470	520
45-49	280	250	260	240	45-49	313	260	250	220	45-49	593	510	510	460
50-54	284	280	250	250	50-54	297	310	260	250	50-54	581	590	510	500
55-59	275	280	270	240	55-59	284	290	310	250	55-59	559	570	580	490
60-64	238	260	260	260	60-64	266	280	280	300	60-64	504	540	540	560
65-69	179	210	230	240	65-69	203	240	250	260	65-69	382	450	480	500
70-74	118	150	180	200	70-74	134	180	220	230	70-74	252	330	400	430
75-79	81	90	110	140	75-79	103	110	150	190	75-79	183	200	260	330
80-84	55	60	70	90	80-84	74	90	90	130	80-84	129	150	160	220
85+	34	50	60	60	85+	51	80	100	120	85+	85	130	160	180
<b>Total</b>	<b>3,637</b>	<b>3,730</b>	<b>3,800</b>	<b>3,820</b>	<b>Total</b>	<b>3,693</b>	<b>3,840</b>	<b>3,900</b>	<b>3,950</b>	<b>Total</b>	<b>7,329</b>	<b>7,570</b>	<b>7,700</b>	<b>7,770</b>
<b>Median Age</b>					<b>Median Age</b>					<b>Median Age</b>	<b>41.2</b>	<b>41.9</b>	<b>42.3</b>	<b>42.9</b>

	2010 to 2015	2015 to 2020	2020 to 2025
<b>Births</b>	370	350	310
<b>Deaths</b>	270	310	350
<b>Natural Increase</b>	100	40	-40
<b>Net Migration</b>	120	120	110
<b>Change</b>	220	160	70

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





CARLISLE AREA SCHOOL DISTRICT, PA  
DEMOGRAPHIC STUDY

**Hamilton Elementary**

Males	2010	2015	2020	2025
0-4	221	230	220	210
5-9	158	160	170	170
10-14	148	170	170	180
15-19	139	160	170	180
20-24	245	300	320	310
25-29	241	240	290	310
30-34	179	200	190	250
35-39	159	170	190	190
40-44	157	160	170	190
45-49	203	160	150	170
50-54	165	200	150	150
55-59	149	160	190	150
60-64	129	140	150	190
65-69	102	110	130	140
70-74	61	80	90	110
75-79	61	40	60	70
80-84	40	50	30	50
85+	46	40	50	40
<b>Total</b>	<b>2,602</b>	<b>2,770</b>	<b>2,890</b>	<b>3,060</b>

Females	2010	2015	2020	2025
0-4	234	220	210	210
5-9	182	180	160	160
10-14	130	190	180	170
15-19	162	140	200	190
20-24	307	320	300	340
25-29	264	270	280	260
30-34	181	220	230	250
35-39	177	170	220	220
40-44	144	180	170	210
45-49	155	140	180	170
50-54	167	150	140	170
55-59	159	160	150	140
60-64	166	150	160	150
65-69	121	150	140	150
70-74	89	110	140	130
75-79	111	70	90	120
80-84	103	90	60	80
85+	177	180	170	150
<b>Total</b>	<b>3,027</b>	<b>3,090</b>	<b>3,180</b>	<b>3,270</b>

Total	2010	2015	2020	2025
0-4	455	450	430	420
5-9	340	340	330	330
10-14	277	360	350	350
15-19	301	300	370	370
20-24	552	620	620	650
25-29	505	510	570	570
30-34	360	420	420	500
35-39	336	340	410	410
40-44	301	340	340	400
45-49	359	300	330	340
50-54	332	350	290	320
55-59	307	320	340	290
60-64	295	290	310	340
65-69	223	260	270	290
70-74	150	190	230	240
75-79	171	110	150	190
80-84	142	140	90	130
85+	223	220	220	190
<b>Total</b>	<b>5,629</b>	<b>5,860</b>	<b>6,070</b>	<b>6,330</b>
<b>Median Age</b>	<b>35.3</b>	<b>34.2</b>	<b>34.3</b>	<b>34.8</b>

	2010 to 2015	2015 to 2020	2020 to 2025
<b>Births</b>	410	400	390
<b>Deaths</b>	260	260	250
<b>Natural Increase</b>	150	140	140
<b>Net Migration</b>	80	80	70
<b>Change</b>	230	220	210

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

**LeTort Elementary**

Males	2010	2015	2020	2025
0-4	178	160	150	140
5-9	136	170	150	150
10-14	179	130	170	150
15-19	129	160	110	150
20-24	131	140	170	120
25-29	151	150	150	180
30-34	137	170	160	160
35-39	111	150	180	170
40-44	180	110	150	180
45-49	204	180	110	150
50-54	122	200	170	110
55-59	82	120	190	170
60-64	73	80	110	190
65-69	49	60	70	100
70-74	34	40	50	60
75-79	22	30	30	40
80-84	10	20	20	30
85+	16	10	20	20
<b>Total</b>	<b>1,944</b>	<b>2,080</b>	<b>2,160</b>	<b>2,270</b>

Females	2010	2015	2020	2025
0-4	144	150	150	140
5-9	137	140	150	140
10-14	145	130	130	140
15-19	131	120	110	120
20-24	155	140	130	120
25-29	197	170	160	150
30-34	139	210	180	170
35-39	123	150	230	200
40-44	177	120	150	230
45-49	178	180	120	150
50-54	118	180	170	120
55-59	77	120	170	170
60-64	92	80	110	170
65-69	56	80	70	100
70-74	36	50	70	60
75-79	27	30	40	70
80-84	18	20	30	40
85+	35	30	40	40
<b>Total</b>	<b>1,985</b>	<b>2,100</b>	<b>2,210</b>	<b>2,330</b>

Total	2010	2015	2020	2025
0-4	322	310	300	280
5-9	273	310	300	290
10-14	324	260	300	290
15-19	260	280	220	270
20-24	286	280	300	240
25-29	348	320	310	330
30-34	276	380	340	330
35-39	234	300	410	370
40-44	357	230	300	410
45-49	382	360	230	300
50-54	240	380	340	230
55-59	159	240	360	340
60-64	165	160	220	360
65-69	105	140	140	200
70-74	70	90	120	120
75-79	49	60	70	110
80-84	28	40	50	70
85+	51	40	60	60
<b>Total</b>	<b>3,929</b>	<b>4,180</b>	<b>4,370</b>	<b>4,600</b>
<b>Median Age</b>	<b>32.8</b>	<b>34.3</b>	<b>36.4</b>	<b>38.6</b>

	2010 to 2015	2015 to 2020	2020 to 2025
<b>Births</b>	290	280	260
<b>Deaths</b>	90	110	130
<b>Natural Increase</b>	200	170	130
<b>Net Migration</b>	50	50	40
<b>Change</b>	250	220	170

**Mooreland Elementary**

Males	2010	2015	2020	2025
0-4	134	160	150	140
5-9	150	160	170	160
10-14	150	150	160	170
15-19	277	300	300	310
20-24	361	330	350	350
25-29	207	210	170	200
30-34	148	160	160	120
35-39	165	140	140	150
40-44	153	150	130	130
45-49	174	150	150	120
50-54	202	170	150	150
55-59	190	200	170	140
60-64	219	180	190	160
65-69	153	200	170	180
70-74	115	140	190	150
75-79	119	100	120	160
80-84	117	90	80	100
85+	113	120	110	100
<b>Total</b>	<b>3,147</b>	<b>3,110</b>	<b>3,060</b>	<b>2,990</b>

Females	2010	2015	2020	2025
0-4	126	160	150	140
5-9	150	160	170	160
10-14	160	150	160	170
15-19	410	410	400	410
20-24	376	360	360	350
25-29	213	230	210	210
30-34	154	160	180	160
35-39	160	140	150	170
40-44	174	150	130	140
45-49	182	170	150	130
50-54	225	180	170	150
55-59	266	220	180	170
60-64	227	260	220	170
65-69	160	220	250	210
70-74	169	150	210	240
75-79	167	150	140	190
80-84	170	140	150	130
85+	355	340	330	320
<b>Total</b>	<b>3,844</b>	<b>3,750</b>	<b>3,710</b>	<b>3,620</b>

Total	2010	2015	2020	2025
0-4	260	320	300	280
5-9	300	320	340	320
10-14	310	300	320	340
15-19	687	710	700	720
20-24	737	690	710	700
25-29	420	440	380	410
30-34	302	320	340	280
35-39	325	280	290	320
40-44	327	300	260	270
45-49	356	320	300	250
50-54	427	350	320	300
55-59	456	420	350	310
60-64	446	440	410	330
65-69	313	420	420	390
70-74	284	290	400	390
75-79	286	250	260	350
80-84	287	230	230	230
85+	468	460	440	420
<b>Total</b>	<b>6,991</b>	<b>6,860</b>	<b>6,770</b>	<b>6,610</b>
<b>Median Age</b>	<b>42.4</b>	<b>40.8</b>	<b>40.1</b>	<b>39.0</b>

	2010 to 2015	2015 to 2020	2020 to 2025
<b>Births</b>	300	280	260
<b>Deaths</b>	480	450	450
<b>Natural Increase</b>	-180	-170	-190
<b>Net Migration</b>	50	50	50
<b>Change</b>	-130	-120	-140

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





CARLISLE AREA SCHOOL DISTRICT, PA  
DEMOGRAPHIC STUDY

**Mt. Holly Springs Elementary**

Males	2010	2015	2020	2025
0-4	102	100	100	90
5-9	108	110	100	100
10-14	91	110	110	110
15-19	105	80	100	110
20-24	91	90	70	90
25-29	115	110	100	80
30-34	112	140	130	120
35-39	109	110	140	130
40-44	145	110	110	140
45-49	142	140	110	110
50-54	163	140	140	100
55-59	131	160	140	140
60-64	122	130	150	130
65-69	85	110	110	140
70-74	58	70	100	100
75-79	37	50	60	80
80-84	20	30	40	50
85+	13	20	20	30
<b>Total</b>	<b>1,749</b>	<b>1,810</b>	<b>1,830</b>	<b>1,850</b>

Females	2010	2015	2020	2025
0-4	95	90	90	90
5-9	113	100	100	100
10-14	104	120	110	100
15-19	98	100	110	100
20-24	103	80	80	100
25-29	112	120	100	90
30-34	105	140	140	120
35-39	106	100	140	140
40-44	137	110	100	140
45-49	136	140	100	100
50-54	163	130	140	100
55-59	137	160	130	130
60-64	112	130	160	130
65-69	95	100	120	150
70-74	65	90	90	120
75-79	53	60	80	90
80-84	41	50	50	70
85+	27	40	50	70
<b>Total</b>	<b>1,802</b>	<b>1,860</b>	<b>1,890</b>	<b>1,940</b>

Total	2010	2015	2020	2025
0-4	197	190	190	180
5-9	221	210	200	200
10-14	195	230	220	210
15-19	203	180	210	210
20-24	194	170	150	190
25-29	227	230	200	170
30-34	217	280	270	240
35-39	215	210	280	270
40-44	282	220	210	280
45-49	278	280	210	210
50-54	326	270	280	200
55-59	268	320	270	270
60-64	234	260	310	260
65-69	180	210	230	290
70-74	123	160	190	220
75-79	90	110	140	170
80-84	61	80	90	120
85+	40	60	70	100
<b>Total</b>	<b>3,551</b>	<b>3,670</b>	<b>3,720</b>	<b>3,790</b>
<b>Median Age</b>	<b>41.9</b>	<b>43.1</b>	<b>43.3</b>	<b>44.0</b>

	2010 to 2015	2015 to 2020	2020 to 2025
<b>Births</b>	190	190	180
<b>Deaths</b>	130	150	180
<b>Natural Increase</b>	60	40	0
<b>Net Migration</b>	40	40	30
<b>Change</b>	100	80	30

**North Dickinson Elementary**

Males	2010	2015	2020	2025
0-4	78	100	100	90
5-9	125	90	120	120
10-14	134	130	100	130
15-19	120	120	120	90
20-24	76	90	90	90
25-29	71	90	110	110
30-34	81	90	110	130
35-39	92	100	110	130
40-44	142	110	120	130
45-49	165	140	110	120
50-54	195	160	140	110
55-59	194	190	160	130
60-64	142	190	180	150
65-69	105	110	150	150
70-74	58	90	90	130
75-79	45	50	70	80
80-84	20	30	40	60
85+	16	20	30	30
<b>Total</b>	<b>1,859</b>	<b>1,900</b>	<b>1,950</b>	<b>1,980</b>

Females	2010	2015	2020	2025
0-4	98	90	90	90
5-9	107	110	120	110
10-14	138	120	120	130
15-19	119	130	100	110
20-24	67	90	100	70
25-29	53	80	110	120
30-34	81	70	110	130
35-39	90	100	90	130
40-44	167	110	120	110
45-49	158	170	110	120
50-54	196	160	160	110
55-59	176	190	150	160
60-64	155	170	190	150
65-69	91	130	140	160
70-74	57	80	110	130
75-79	42	50	70	100
80-84	27	40	40	60
85+	21	30	40	50
<b>Total</b>	<b>1,843</b>	<b>1,920</b>	<b>1,970</b>	<b>2,040</b>

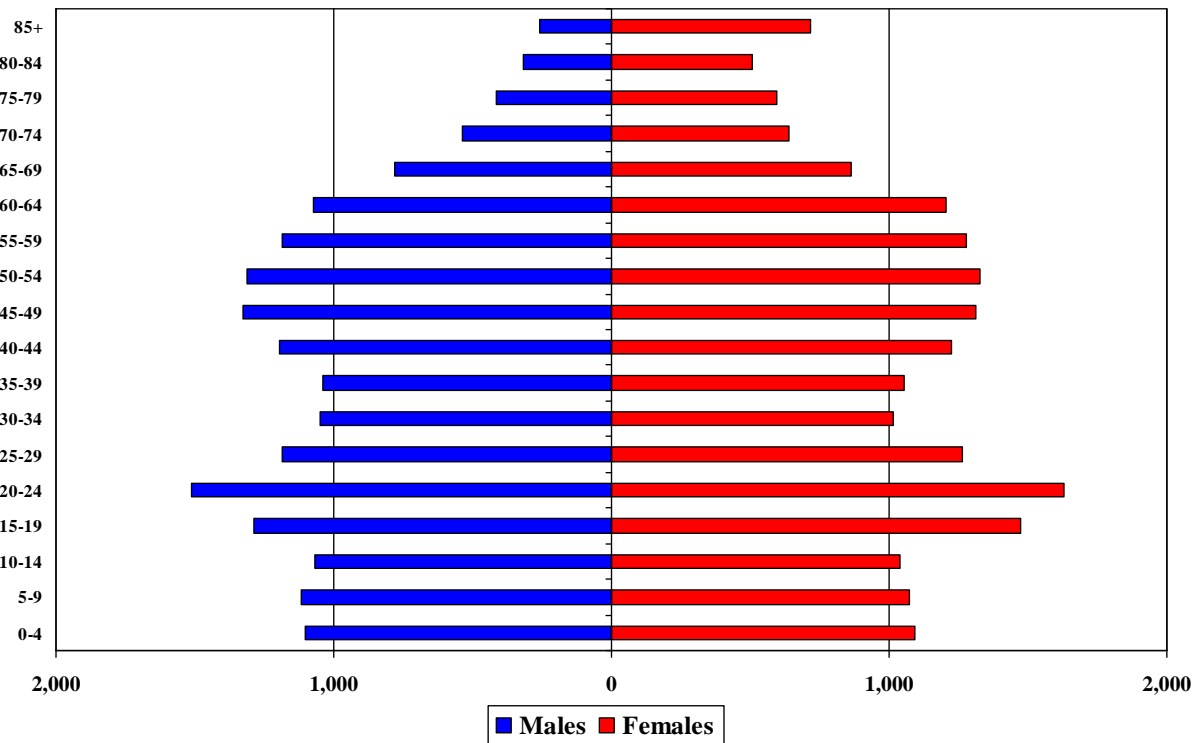
Total	2010	2015	2020	2025
0-4	176	190	190	180
5-9	232	200	240	230
10-14	272	250	220	260
15-19	239	250	220	200
20-24	143	180	190	160
25-29	124	170	220	230
30-34	162	160	220	260
35-39	182	200	200	260
40-44	309	220	240	240
45-49	323	310	220	240
50-54	391	320	300	220
55-59	370	380	310	290
60-64	297	360	370	300
65-69	196	240	290	310
70-74	115	170	200	260
75-79	87	100	140	180
80-84	47	70	80	120
85+	37	50	70	80
<b>Total</b>	<b>3,702</b>	<b>3,820</b>	<b>3,920</b>	<b>4,020</b>
<b>Median Age</b>	<b>45.2</b>	<b>46.5</b>	<b>45.5</b>	<b>44.8</b>

	2010 to 2015	2015 to 2020	2020 to 2025
<b>Births</b>	160	170	170
<b>Deaths</b>	130	160	180
<b>Natural Increase</b>	30	10	-10
<b>Net Migration</b>	90	110	100
<b>Change</b>	120	120	90

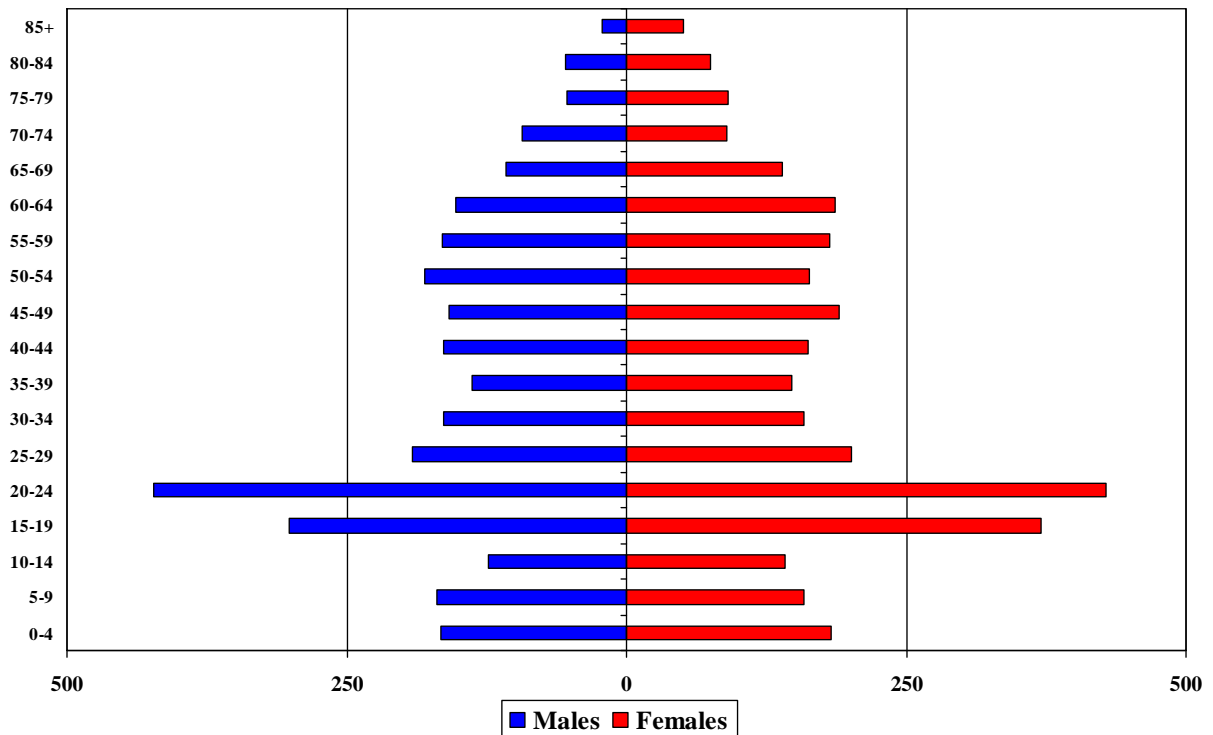


Appendix C: Population Pyramids

Carlisle Area School District Total Population - 2010 Census

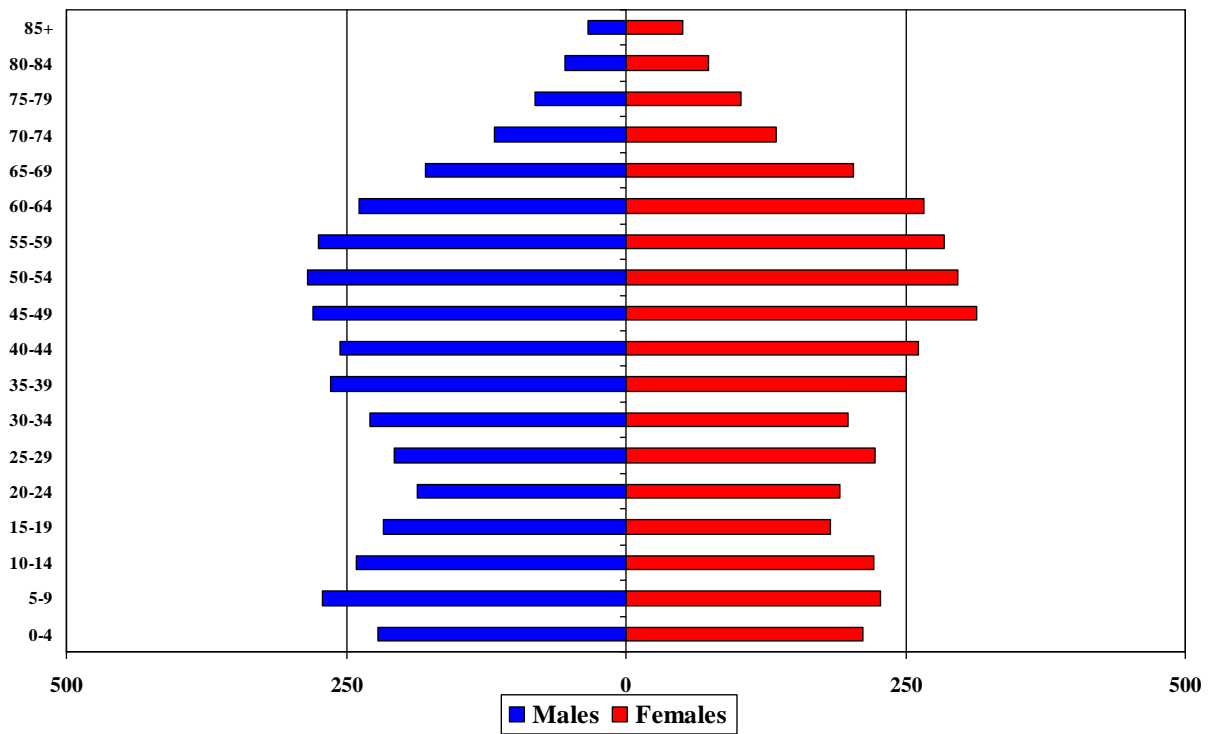


Bellaire Elementary Total Population - 2010 Census

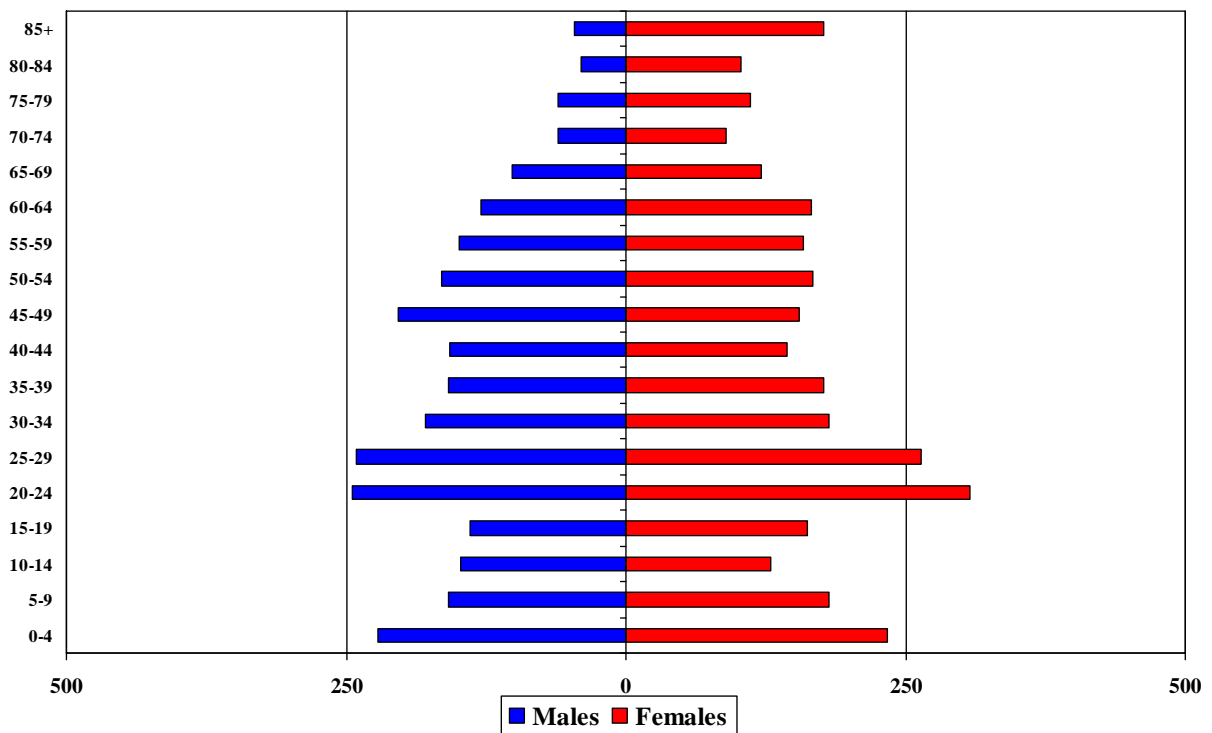




Crestview Elementary Total Population - 2010 Census

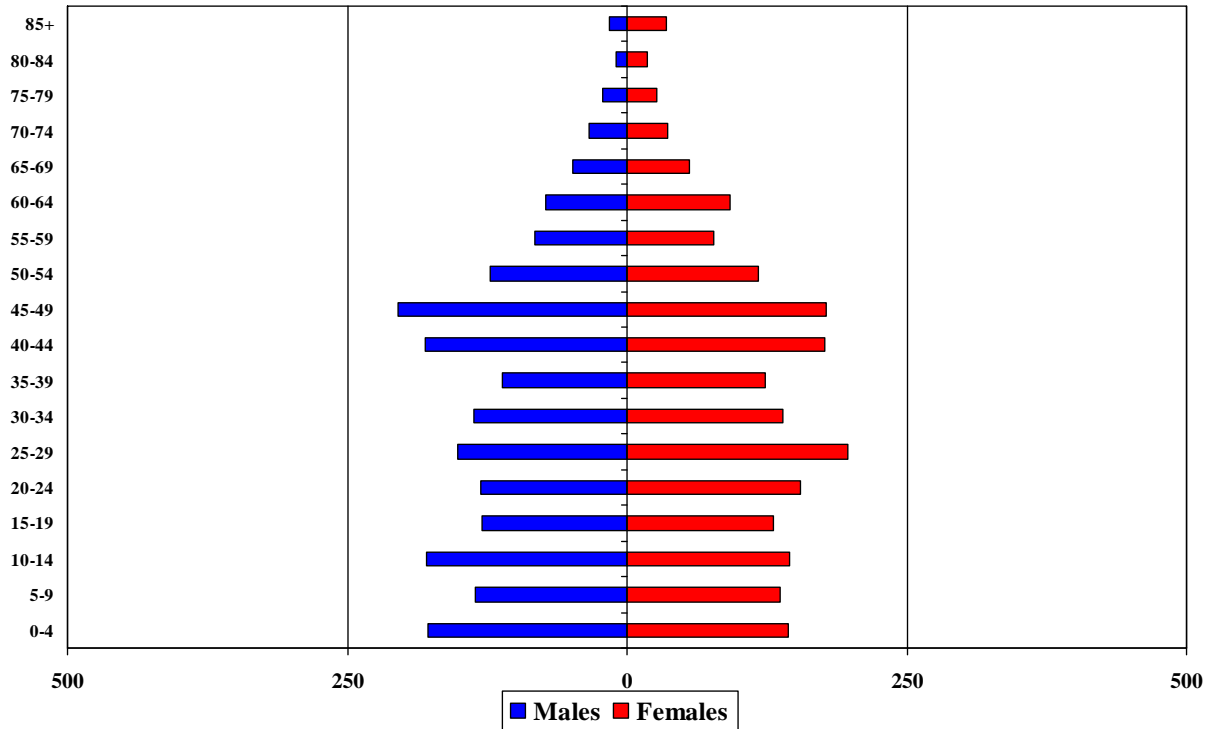


Hamilton Elementary Total Population - 2010 Census

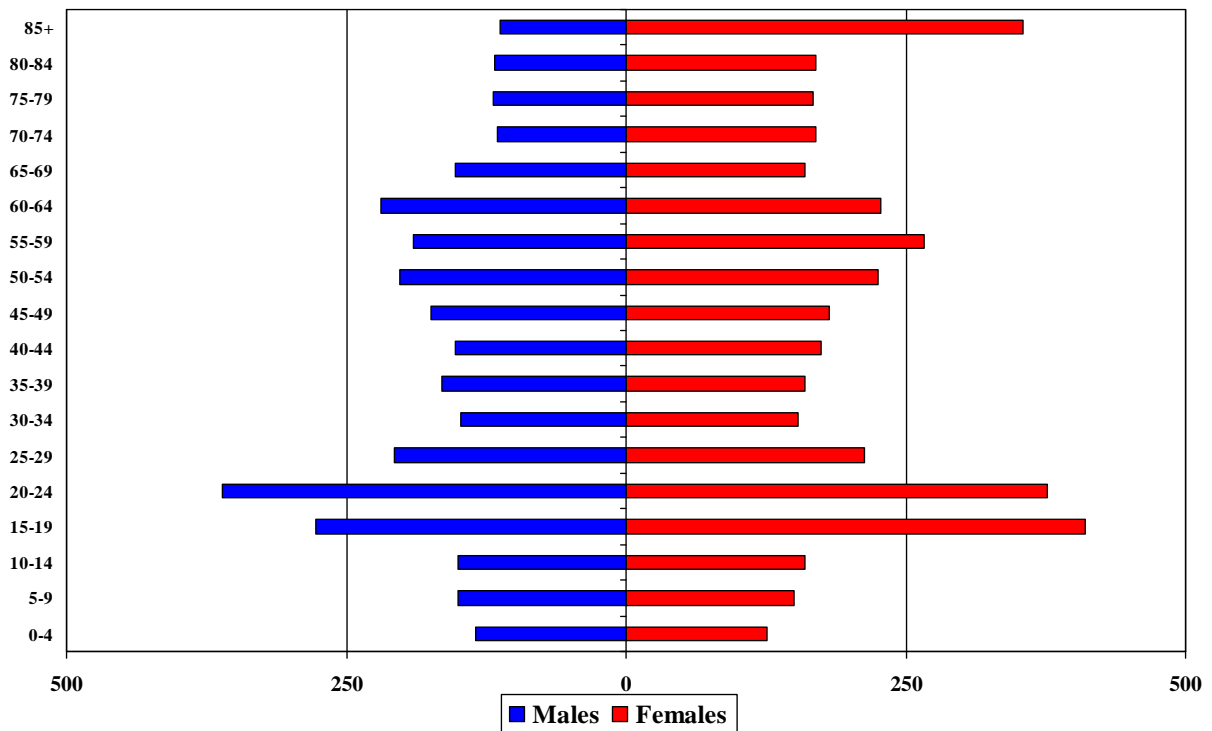




LeTort Elementary Total Population - 2010 Census

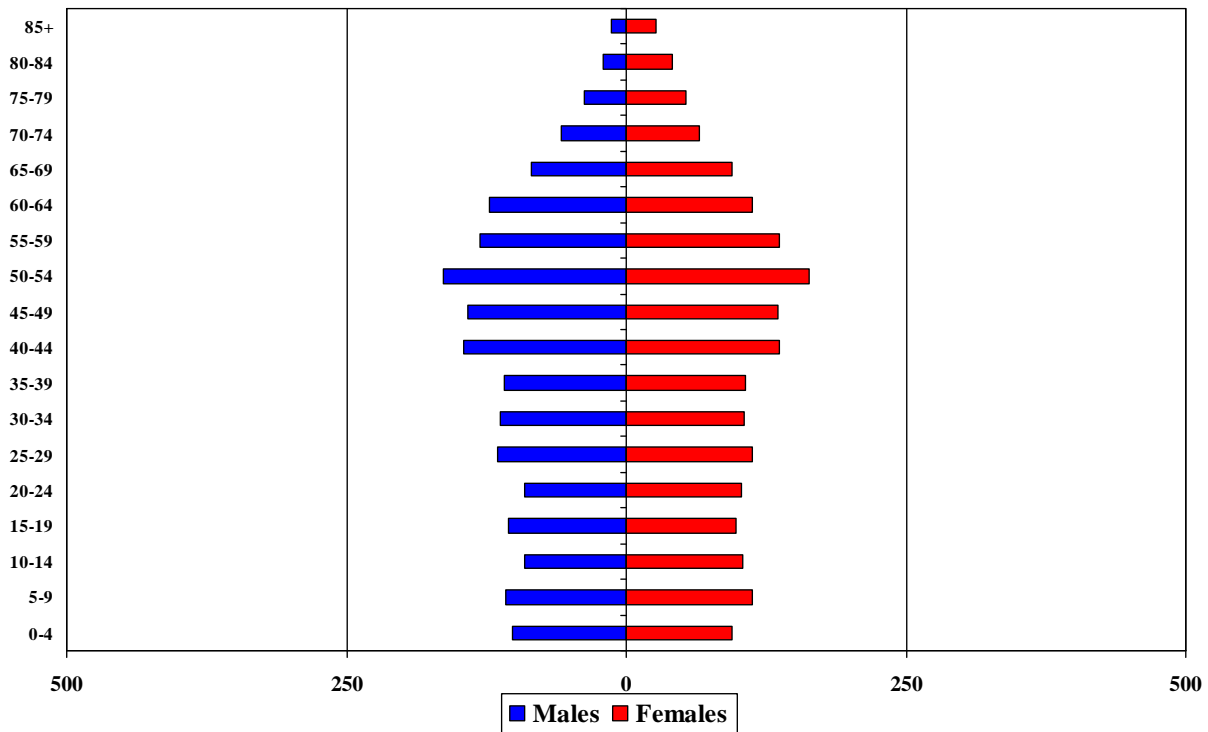


Mooreland Elementary Total Population - 2010 Census

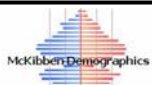
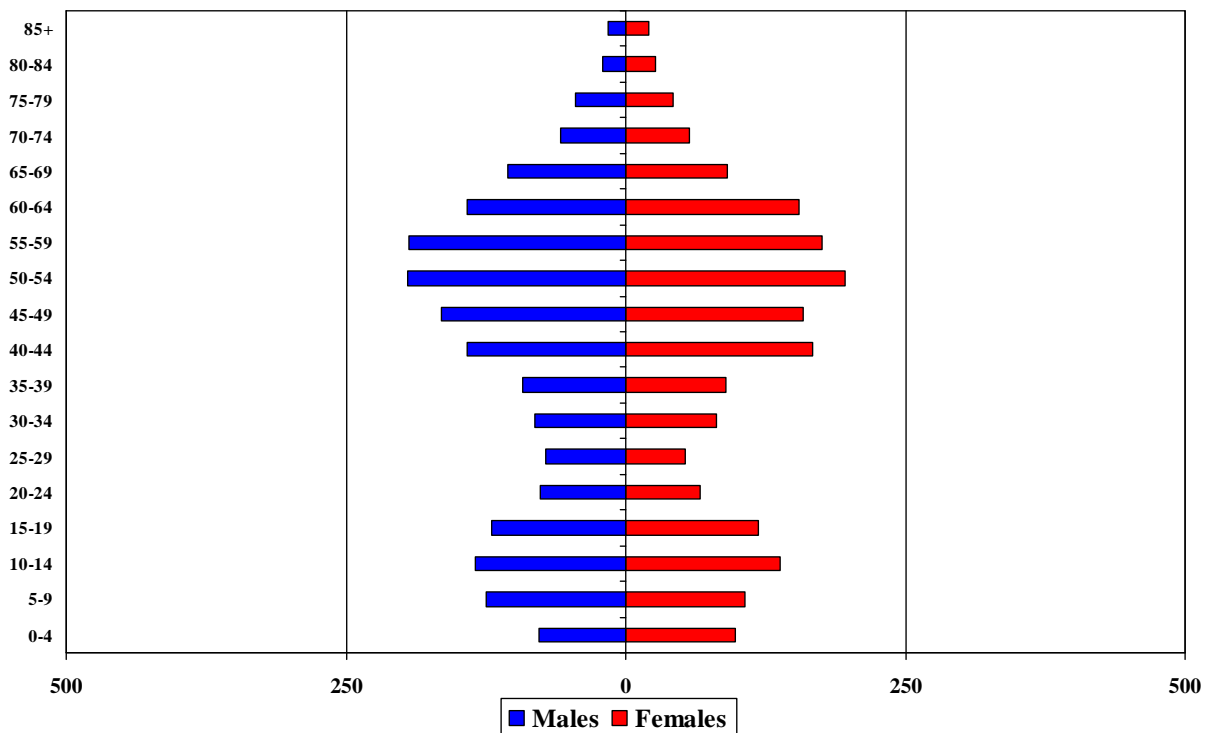




Mt. Holly Springs Elementary Total Population - 2010 Census



North Dickinson Elementary Total Population - 2010 Census





Appendix D: Additional Tables

**Table 1: Forecasted Elementary Area Population Change, 2010 to 2020**

	2010	2015	2010-2015 Change	2020	2015-2020 Change	2010-2020 Change
<b>Bellaire</b>	5,943	6,160	3.5%	6,350	3.1%	6.8%
<b>Crestview</b>	7,329	7,570	3.2%	7,700	1.7%	5.1%
<b>Hamilton</b>	5,629	5,860	3.9%	6,070	3.6%	7.8%
<b>Le Tort</b>	3,929	4,180	6.0%	4,370	4.5%	11.2%
<b>Mooreland</b>	6,991	6,860	-1.9%	6,770	-1.3%	-3.2%
<b>Mt. Holly Springs</b>	3,551	3,670	3.2%	3,720	1.4%	4.8%
<b>North Dickinson</b>	3,702	3,820	3.1%	3,920	2.6%	5.9%
<b>Total</b>	37,074	38,120	2.7%	38,900	2.0%	4.9%

**Table 2: Household Characteristics by Elementary Area, 2010 Census**

	HH w/ Pop Under 18	% HH w/ Pop Under 18	Total Households	Household Population	Persons Per Household
<b>Bellaire</b>	631	29.30%	2152	5068	2.36
<b>Crestview</b>	931	31.40%	2965	7325	2.47
<b>Hamilton</b>	674	27.70%	2434	5309	2.18
<b>Le Tort</b>	563	33.90%	1660	3843	2.32
<b>Mooreland</b>	574	20.20%	2836	5848	2.06
<b>Mt. Holly Springs</b>	417	28.60%	1460	3543	2.43
<b>North Dickinson</b>	450	32.70%	1377	3702	2.69
<b>Total</b>	4240	28.50%	14884	34638	2.33

**Table 3: Householder Characteristics by Elementary Area, 2010 Census**

	Percentage of Householders aged 35-54	Percentage of Householders aged 65+	Percentage of Householders Who Own Homes
<b>Bellaire</b>	34.90%	24.20%	68.60%
<b>Crestview</b>	40.20%	22.40%	79.20%
<b>Hamilton</b>	33.60%	23.30%	45.00%
<b>Le Tort</b>	44.00%	13.60%	32.10%
<b>Mooreland</b>	28.80%	31.20%	57.80%
<b>Mt. Holly Springs</b>	40.20%	22.50%	74.90%
<b>North Dickinson</b>	44.60%	21.30%	90.80%
<b>Total</b>	37.00%	23.40%	63.40%





**Table 4: Percentage of Households that are Single Person Households and Single Person Households that are Over Age 65 by Elementary Area, 2010 Census**

	Percentage of Single Person Households	Percentage of Single Person Households and are 65+
<b>Bellaire</b>	27.80%	10.90%
<b>Crestview</b>	24.00%	8.20%
<b>Hamilton</b>	39.70%	14.20%
<b>Le Tort</b>	37.50%	7.70%
<b>Mooreland</b>	38.60%	15.40%
<b>Mt. Holly Springs</b>	24.50%	8.30%
<b>North Dickinson</b>	13.10%	4.40%
<b>Total</b>	30.50%	10.50%

**Table 5: Age Under One to Age Ten Population Counts, by Year of Age, by Elementary Area: 2010 Census**

	Under 1 year	1 year	2 years	3 years	4 years	5 years	6 years	7 years	8 years	9 years	10 years
<b>Bellaire</b>	78	65	63	66	76	74	61	62	67	52	53
<b>Crestview</b>	84	83	81	91	115	107	93	91	103	97	108
<b>Hamilton</b>	95	91	98	89	74	65	79	78	54	48	57
<b>Le Tort</b>	62	70	64	72	47	52	60	55	60	53	74
<b>Mooreland</b>	42	47	60	50	57	63	60	49	71	67	53
<b>Mt. Holly Springs</b>	43	39	44	39	47	46	35	46	38	49	42
<b>North Dickinson</b>	28	39	32	37	42	48	39	48	49	49	59
<b>Total</b>	432	434	442	444	458	454	427	429	442	415	446



**Table 6: Comparison of District Enrollment by Grade with 2010 Census Counts by Age, 2010-2014**

2010 census	Under 1 year	1 year	2 years	3 years	4 years	5 years	6 years	7 years	8 years	9 years	10 years	11 years	12 years	13 years
<b>Carlisle Total</b>	432	434	442	444	458	454	427	429	442	415	446	441	376	428
<b>2014 Enrollment</b>		334 77.00%	390 88.20%	376 84.70%	381 83.20%	388 85.50%	397 93.00%	343 80.00%	372 84.20%	367 88.40%	442 99.10%	357 81.00%	340 90.40%	334 78.00%
<b>2013 Enrollment</b>			357 80.80%	384 86.50%	380 83.00%	385 84.80%	391 91.60%	342 79.70%	373 84.40%	362 87.20%	389 87.20%	381 86.40%	367 97.60%	355 82.90%
<b>2012 Enrollment</b>				372 83.80%	389 84.90%	383 84.40%	411 96.30%	345 80.40%	376 85.10%	350 84.30%	426 95.50%	358 81.20%	384 102.10%	371 86.70%
<b>2011 Enrollment</b>					359 78.40%	371 81.70%	389 91.10%	352 82.10%	378 85.50%	369 88.90%	392 87.90%	355 80.50%	335 89.10%	405 94.60%
<b>2010 Enrollment</b>						668 95.70%	695 92.10%	668 87.30%	720 94.70%	780 101.70%	662 84.40%	684 85.40%	751 102.60%	647 83.20%



**Appendix E: Army War College Demographic Impact Review**

The Army War College (AWC) is located within the Carlisle Area School District, and AWC personnel, including faculty, staff, and AWC students' children are eligible to attend the school district. Some statistics about the AWC include:

AWC Permanent Party Team

- 510 Assigned Military (439 officers/71 soldiers)
- 1,005 Professional Civilian Workforce
- 188 Contracted Professionals
- 1,703 Total Permanently Assigned to the Barracks

AWC Students

- 433 US & International Students attend full-time Resident courses each year. Approximately the same number turns over annually.
- 811 US & International Distance Education Course Students (one month in residence)
- ~ 300 Students attend War College courses of less than 4 weeks in length each year
- Total: up to 3247 Students, Faculty, Staff/Workforce at Carlisle at any one time

AWC Families On and Off Post

- 1,703 Permanent Party Family members (On and Off Post)
- 1,668 Students & Family members make their homes in local Communities
- 739 Students & Family members living on-post
- 103k- 51,000 military retirees and 52,000 retiree Family members rely on Carlisle Barracks for medical, financial, and personnel services.

AWC Economic Impact

- \$150M in Annual Military and Civilian Payroll and Contracts
- 54% of Carlisle Barracks households earn \$100K+ (Government pay only)

The AWC has indicated that it has no current plans to expand the number of housing units or college enrollment on the base. The AWC is located in the Carlisle Borough, and resides within the LeTort Elementary attendance area. Students attending Carlisle Area School District (CASD) schools have been consistent over the years. The tables below show the number of students living on the AWC base in 2009-10 and in 2014-15. The tables reflect a stable population over the last 5 years. There were 312 students living on base in 2009-10 versus 336 students living on base in 2014-15. Although the number of students living on base has remained stable, the distribution of students by grade level has changed over the past 5 years. In 2009-10, 56% of all students on the AWC were in Middle and High School Grades (grades 6-12). In 2014-15, 62% of all students living on the AWC were grades 6-12. The higher proportion of middle and high school students are expected to continue through the life of the AWC forecast.

Attending School	Grades												Total	
	KG	1	2	3	4	5	6	7	8	9	10	11		12
Bellaire ES	3	4	11	15	12	7								52
Crestview ES		1												1
Hamilton ES	1	8	3	3	9	9								33
LeTort ES	9	8	6	10	8	11								52
Lamberton MS							27	26	21					74
Wilson MS							4	2	3					9
Carlisle HS										31	20	27	13	91
<b>Total</b>	<b>13</b>	<b>21</b>	<b>20</b>	<b>28</b>	<b>29</b>	<b>27</b>	<b>31</b>	<b>28</b>	<b>24</b>	<b>31</b>	<b>20</b>	<b>27</b>	<b>13</b>	<b>312</b>

Source: CASD 2009-10 Student database

Attending School	Grades												Total	
	KG	1	2	3	4	5	6	7	8	9	10	11		12
Bellaire ES		6	6	5	3	10								30
Crestview ES		1	2	1	1									5
Hamilton ES	6	3	3	2	6	1								21
LeTort ES	5	11	10	8	19	16								69
Mooreland ES			1		1									2
Lamberton MS							23	36	25					84
Wilson MS								7	3	3				13
Carlisle HS											38	36	22	16
<b>Total</b>	<b>11</b>	<b>21</b>	<b>20</b>	<b>17</b>	<b>30</b>	<b>28</b>	<b>30</b>	<b>39</b>	<b>28</b>	<b>38</b>	<b>36</b>	<b>22</b>	<b>16</b>	<b>336</b>

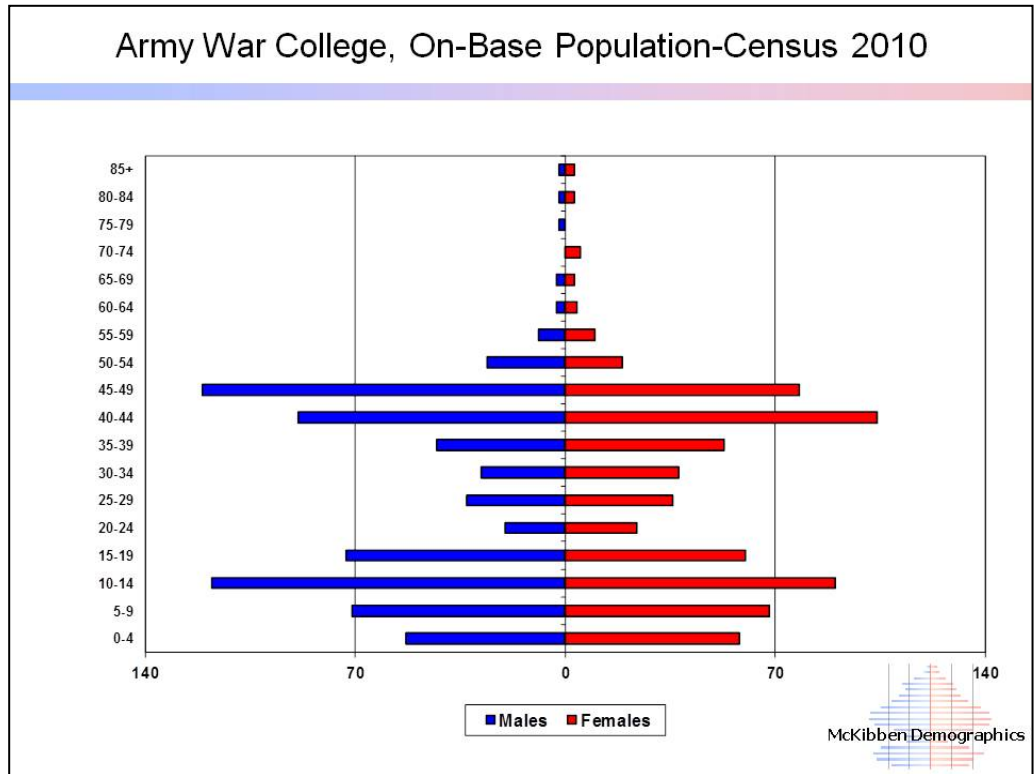
Source: CASD 2014-15 Student database





The population on the Army War College is fairly stable and does not change significantly over time. As with any college environment, those attending the college come to town for school, but most leave back to their home state/city once they are finished with the educational classes they have been assigned.

The AWC has indicated that the average age of their students are 42 years old, where faculty and staff have a median age of 45. These are on the higher side of family formation ages, and populations of this age don't typically yield younger-aged children.



The population pyramid to the right shows the age/sex distribution of the on-base population (Census 2010). Smaller populations of 0-4 and 5-9 year olds can be seen on the pyramid, and the 10-14 year old population is larger. The most dominant age groups are the 40-45 and 45-49 year olds, which is consistent with average and median age figures provided by the AWC staff.

It should be noted that there is a large percentage of AWC students and faculty living off-base. Even though this is the case, the on-base population is a good representative sample of the total population that is served by the AWC. The ultimate goal of the AWC forecast is to determine the long-term impact of the base, and studying the on-base population is the best and most accurate method to do this. The on-base population is used as the sample for the AWC forecast because the exact number of children attending CASD that live off-base is unknown, but the on-base CASD students and Census statistics are known.

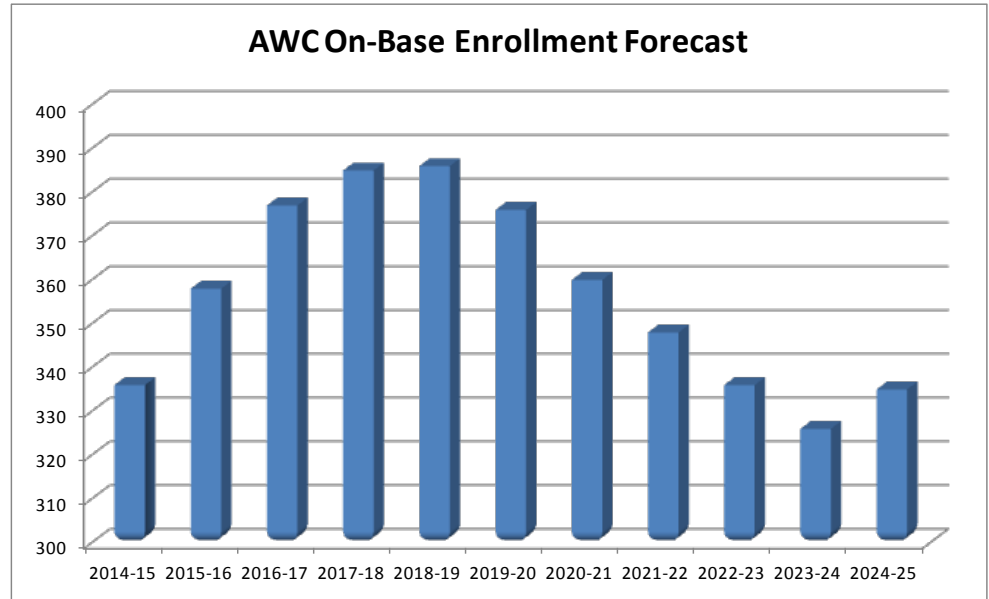
As indicated above, population and enrollment has been forecasted for on-base population, which will help CASD in understanding the long-term impact of the Army War College. The AWC forecasts are designed to be analyzed separately from the CASD enrollment forecast. The main enrollment forecasts created for CASD include students living on and off the AWC, but the AWC forecast identifies if the specific population serving the base will have a changing impact on the school district.

Enrollment forecast results for the AWC can be found on the following page.



The bar graph to the right shows the on-base enrollment forecast for the Army War College. The forecast results show that enrollment growth is fairly stable through the life of the forecast.

There is an expected gain in students living on-base over the next 4 years, primarily because smaller cohorts are leaving the system and are being replaced with larger cohorts. Once this 'bubble' works its way through the system, the enrollment is forecasted to further stabilize and end close to the same number of students as 2014-15.



Although the total number of students remains nearly the same by the end of the forecast, the proportion of students between elementary to middle to high changes. By the end of the forecast, there is expected to be a larger number of high school students than 2014-15, and a smaller number of middle school students. The elementary aged cohorts remain fairly stable through the life of the forecast.

To conclude, the Army War Base on-base population has been studied to assess the impact of the AWC on Carlisle Area School District schools.

Findings show that the AWC does have a substantial impact on the CASD and the jobs and population that the AWC brings into the CASD is critical to vitality of the school system, just as any large employer would.

War College On-Base Enrollment Forecast											
Grades	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
K	11	14	14	14	15	15	14	14	14	14	13
1	21	22	22	23	23	24	24	23	23	22	22
2	20	20	21	21	22	22	23	23	22	22	21
3	17	18	18	19	19	20	21	22	22	21	21
4	30	18	19	19	20	20	21	22	23	23	22
5	28	29	17	18	18	19	20	21	22	23	23
<b>Total: K-5</b>	<b>127</b>	<b>121</b>	<b>111</b>	<b>114</b>	<b>117</b>	<b>120</b>	<b>123</b>	<b>125</b>	<b>126</b>	<b>125</b>	<b>122</b>
6	30	29	30	18	19	19	20	21	22	23	24
7	39	32	30	32	19	20	21	22	23	24	25
8	28	40	33	31	33	19	21	22	23	24	25
<b>Total: 6-8</b>	<b>97</b>	<b>101</b>	<b>93</b>	<b>81</b>	<b>71</b>	<b>58</b>	<b>62</b>	<b>65</b>	<b>68</b>	<b>71</b>	<b>74</b>
9	38	40	57	47	44	47	27	30	32	33	35
10	36	43	45	64	53	49	54	31	34	36	38
11	22	39	46	49	69	57	54	59	34	37	40
12	16	14	25	30	32	45	40	38	42	24	26
<b>Total: 9-12</b>	<b>112</b>	<b>136</b>	<b>173</b>	<b>190</b>	<b>198</b>	<b>198</b>	<b>175</b>	<b>158</b>	<b>142</b>	<b>130</b>	<b>139</b>
<b>Total: K-12</b>	<b>336</b>	<b>358</b>	<b>377</b>	<b>385</b>	<b>386</b>	<b>376</b>	<b>360</b>	<b>348</b>	<b>336</b>	<b>326</b>	<b>335</b>
Green cells (2014-15) are historical data											
Blue cells (2015-16 and later) are forecasted years											

Although the AWC does play a critical role in serving the Carlisle Area Schools and community, the population and students on the AWC base are not forecasted to have substantial changes in students or population.

**Appendix E: Live Attend Analysis**

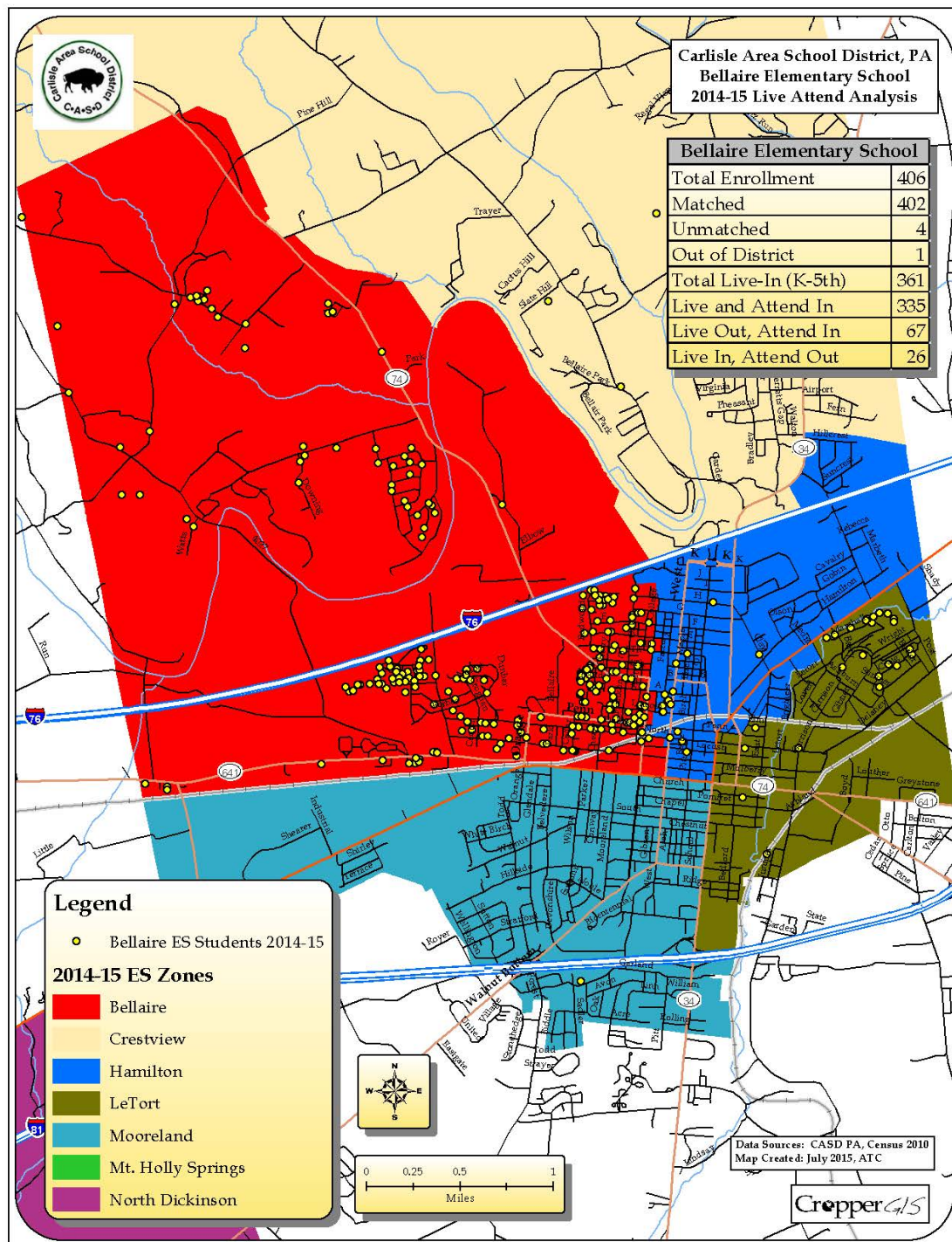
This map series focuses on illustrating the geographic distribution of Carlisle Area School District's 2014-2015 students in relation to school attendance boundaries.

Here is an example of a map from this series.

*Basic Map Elements*

The legend explains how different features are represented, either by a point (e.g. schools and students), or by an area/polygon (e.g. attendance boundaries). The scale bar references the distance ratio of the map in relation to the real world.

Please note that each yellow dot represents a student's address, at which, multiple students could reside. Therefore, counting the number of dots shown on the map might not reflect the student population accurately.



*Live-Attend Tables*

Each map has a table listing various statistics about the student data in this region. Here is a guide for reading this table:

<b>Bellaire Elementary School</b>	
Total Enrollment	406
Matched	402
Unmatched	4
Out of District	1
Total Live-In (K-5th)	361
Live and Attend In	335
Live Out, Attend In	67
Live In, Attend Out	26

Total Enrollment - number of students attending Bellaire ES.

Matched - number of students attending Bellaire ES whose addresses were located by the GIS, and placed on the map.

Unmatched - number of students whose addresses were not able to be located, and have not been placed on the map.

Out of District - number of students who live outside of the Carlisle Area School District's boundaries, yet attend this school.

Total Live-In - number of students who live within the school's attendance boundary, who are in the K-5th grade cohort. The 'total-live in' statistic here indicates there are 361 K-5th grade students living within the Bellaire ES attendance boundary.

Live and Attend In - number of K-5th students who live within the attendance boundary, and also attend that school. In this example, 335 K-5th grade students who live within the Bellaire ES attendance boundary also attend Bellaire ES.

Live Out, Attend In - number of K-5th students who live outside of the Bellaire ES attendance boundary, but attend Bellaire ES. Any student records that are unmatched are not included in this count, since it is not known whether or not these unmatched students live within or outside the attendance boundary in question. Due to the methods used to calculate the statistics in this table, this is the only circumstance where this is relevant.

Live In, Attend Out - number of K-5th students who live inside the Bellaire ES attendance boundary, yet attend a different elementary school.

**LIVE ATTEND MATRIX**

The tables below give 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 zones where students live schools of attendance 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.

**K-5th Matrix**  
**Where 2014-15 K-5th Students Live**

**Where 2014-15 K-5th Students Attend**

		Bellaire	Crestview	Hamilton	LeTort	Mooreland	Mt. Holly Springs	North Dickinson	Out of District	Unmatched	Live Out Attend In
		361	528	369	314	304	205	191	41	12	
Bellaire Elementary School	406	335	9	18	37	1		1	1	4	67
Crestview Elementary School	528	11	485	11	5	2		1	12	1	42
Hamilton Elementary School	354	4	17	309	12	6			5	1	44
LeTort Elementary School	284	1	5	12	235	22	1	3	2	3	46
Mooreland Elementary School	316	5	3	7	20	269	1	5	4	2	45
Mt Holly Springs Elementary School	226	1	3	4	1	1	195	10	10	1	30
North Dickinson Elementary School	198	3	4	5	2	3	5	169	7		29
No School Attribute	13	1	2	3	2		3	2			
<b>Live In Attend Out</b>		26	43	60	79	35	10	22			

**6-8th Matrix**

**Where 2014-15 6-8th Students Live**

**Where 2014-15 6-8th Students Attend**

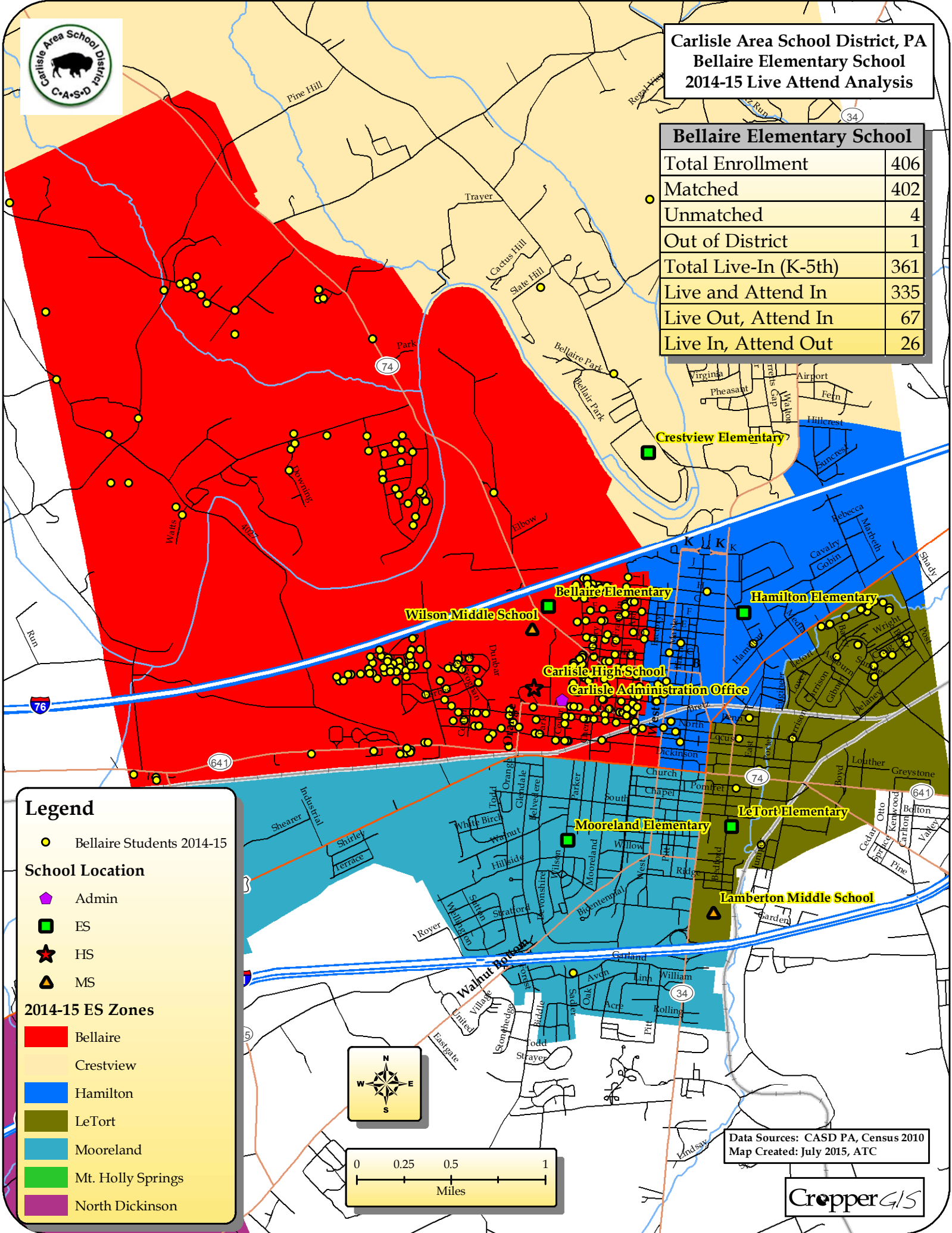
		Lamberton	Wilson	Out of District	Unmatched	Live Out Attend In
		560	551	14	5	
Lamberton Middle School	560	524	29	4	3	33
Wilson Middle School	543	26	505	10	2	36
No School Attribute	27	10	17			
<b>Live In Attend Out</b>		36	46			





**Carlisle Area School District, PA  
Bellaire Elementary School  
2014-15 Live Attend Analysis**

Bellaire Elementary School	
Total Enrollment	406
Matched	402
Unmatched	4
Out of District	1
Total Live-In (K-5th)	361
Live and Attend In	335
Live Out, Attend In	67
Live In, Attend Out	26



**Legend**

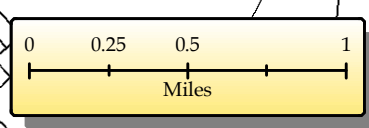
- Bellaire Students 2014-15

**School Location**

- ◆ Admin
- ES
- ★ HS
- ▲ MS

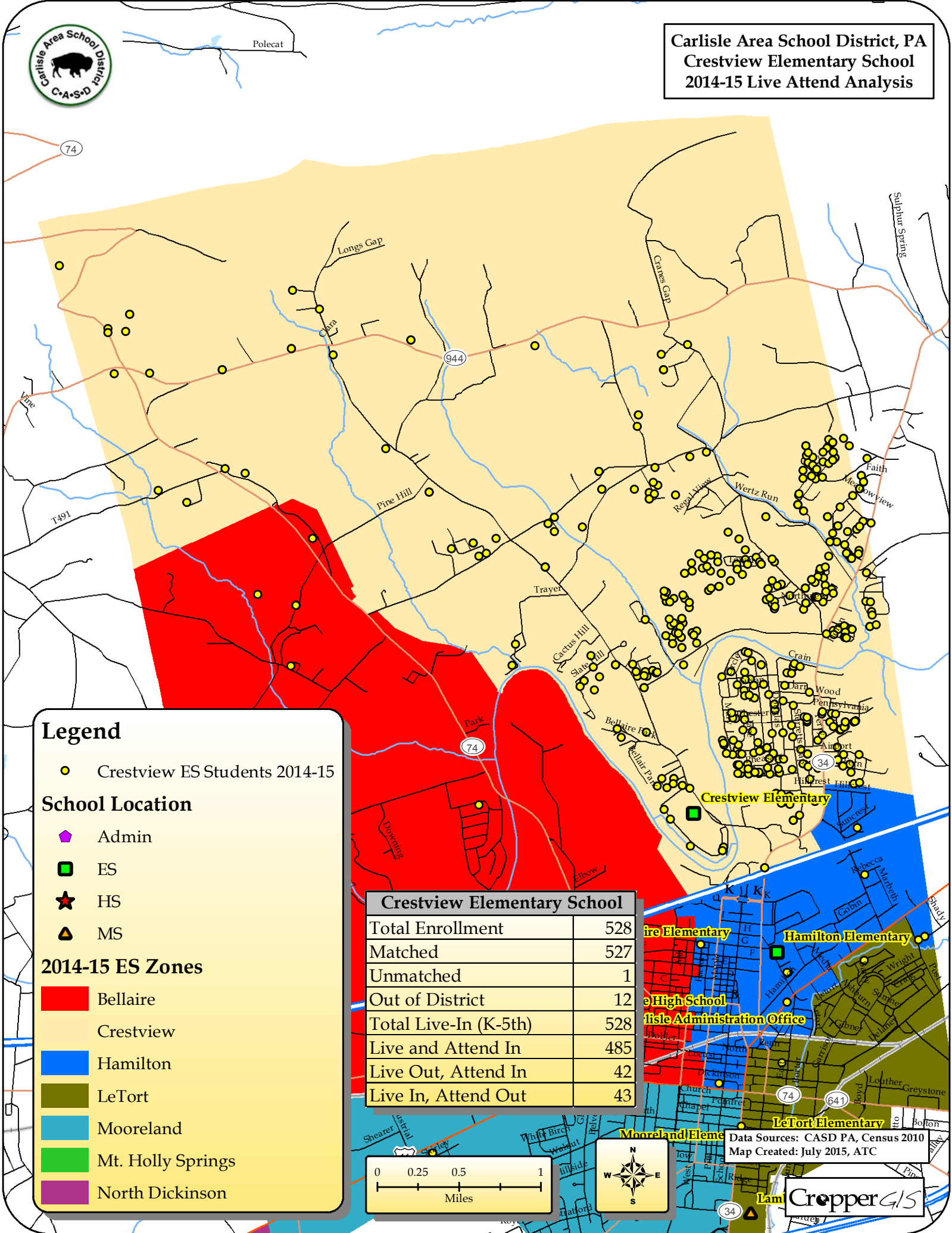
**2014-15 ES Zones**

- Bellaire
- Crestview
- Hamilton
- LeTort
- Mooreland
- Mt. Holly Springs
- North Dickinson



Data Sources: CASD PA, Census 2010  
Map Created: July 2015, ATC





**Legend**

● Crestview ES Students 2014-15

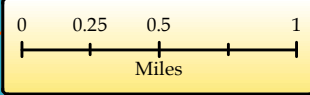
**School Location**

- ◆ Admin
- ES
- ★ HS
- ▲ MS

**2014-15 ES Zones**

- Bellaire
- Crestview
- Hamilton
- LeTort
- Mooreland
- Mt. Holly Springs
- North Dickinson

Crestview Elementary School	
Total Enrollment	528
Matched	527
Unmatched	1
Out of District	12
Total Live-In (K-5th)	528
Live and Attend In	485
Live Out, Attend In	42
Live In, Attend Out	43

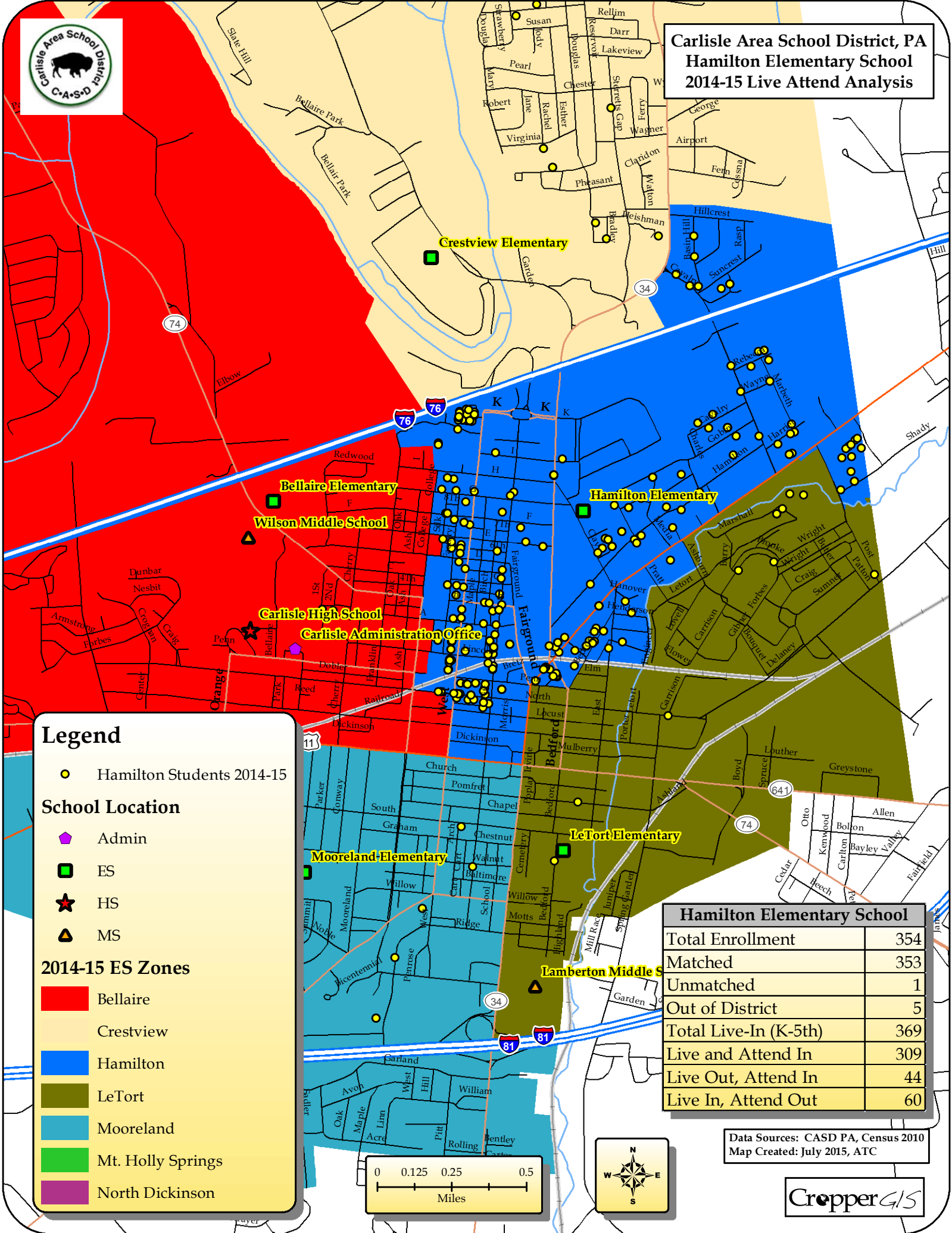


Data Sources: CASD PA, Census 2010  
Map Created: July 2015, ATC





**Carlisle Area School District, PA  
Hamilton Elementary School  
2014-15 Live Attend Analysis**



**Legend**

- Hamilton Students 2014-15

**School Location**

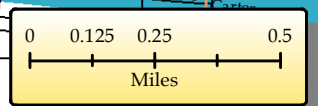
- ◆ Admin
- ES
- ★ HS
- ▲ MS

**2014-15 ES Zones**

- Bellaire
- Crestview
- Hamilton
- LeTort
- Mooreland
- Mt. Holly Springs
- North Dickinson

Hamilton Elementary School	
Total Enrollment	354
Matched	353
Unmatched	1
Out of District	5
Total Live-In (K-5th)	369
Live and Attend In	309
Live Out, Attend In	44
Live In, Attend Out	60

Data Sources: CASD PA, Census 2010  
Map Created: July 2015, ATC





**Carlisle Area School District, PA  
LeTort Elementary School  
2014-15 Live Attend Analysis**

LeTort Elementary School	
Total Enrollment	284
Matched	281
Unmatched	3
Out of District	2
Total Live-In (K-5th)	314
Live and Attend In	235
Live Out, Attend In	46
Live In, Attend Out	79

**Carlisle Administration Office**

**Hamilton Elementary**

**LeTort Elementary**

**Lamberton Middle School**

**Legend**

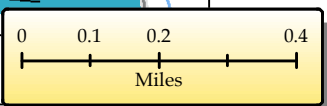
● LeTort ES Students 2014-15

**School Location**

- ◆ Admin
- ES
- ★ HS
- ▲ MS

**2014-15 ES Zones**

- Bellaire
- Crestview
- Hamilton
- LeTort
- Mooreland
- Mt. Holly Springs
- North Dickinson



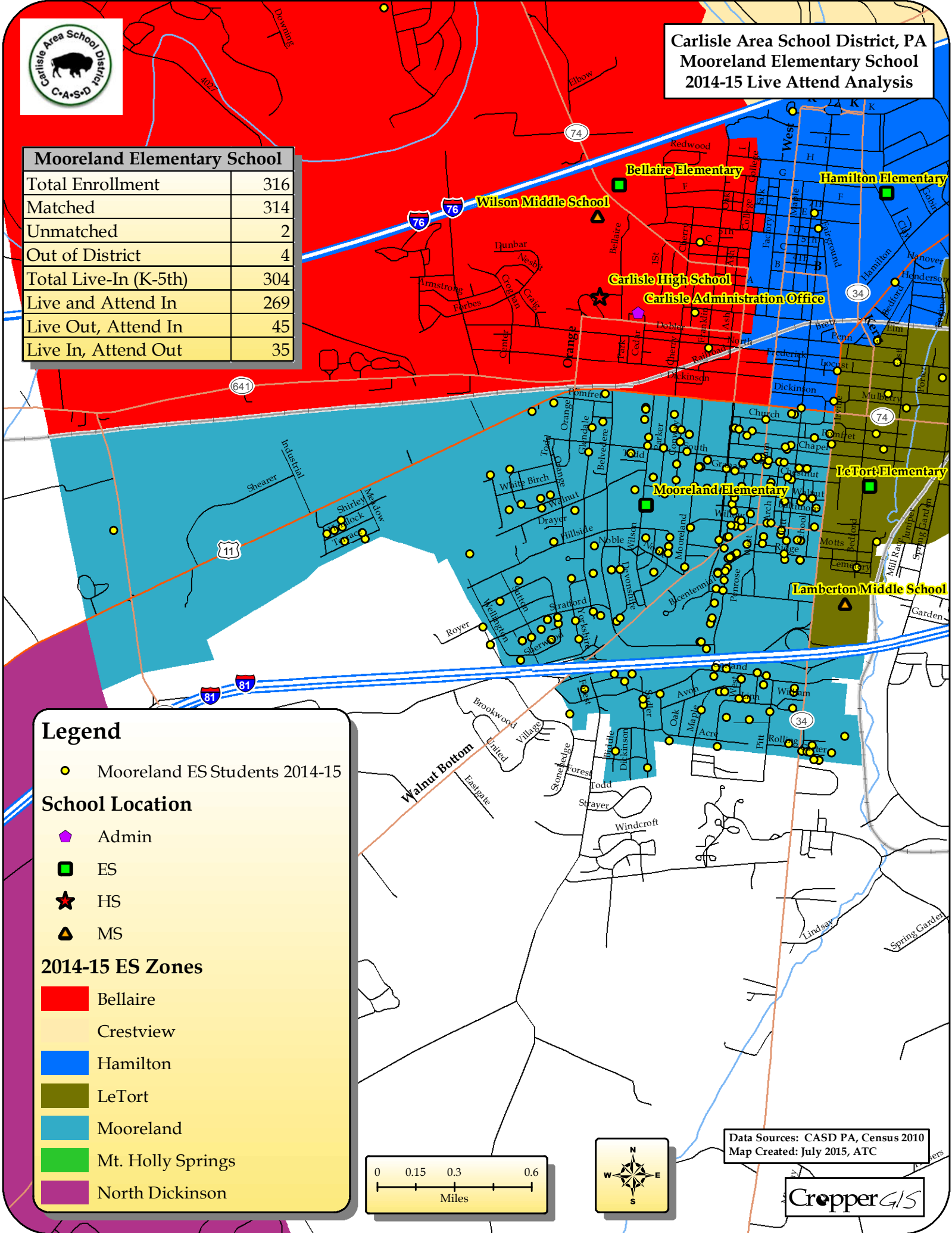
Data Sources: CASD PA, Census 2010  
Map Created: July 2015, ATC





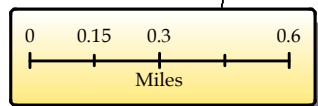
**Carlisle Area School District, PA  
Mooreland Elementary School  
2014-15 Live Attend Analysis**

Mooreland Elementary School	
Total Enrollment	316
Matched	314
Unmatched	2
Out of District	4
Total Live-In (K-5th)	304
Live and Attend In	269
Live Out, Attend In	45
Live In, Attend Out	35



**Legend**

- Mooreland ES Students 2014-15
- School Location**
- ◆ Admin
- ES
- ★ HS
- ▲ MS
- 2014-15 ES Zones**
- Bellaire
- Crestview
- Hamilton
- LeTort
- Mooreland
- Mt. Holly Springs
- North Dickinson



Data Sources: CASD PA, Census 2010  
Map Created: July 2015, ATC





**Carlisle Area School District, PA  
Mt Holly Springs Elementary School  
2014-15 Live Attend Analysis**

**Legend**

● Mt Holly Springs ES Students 2014-15

**School Location**

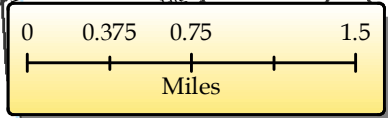
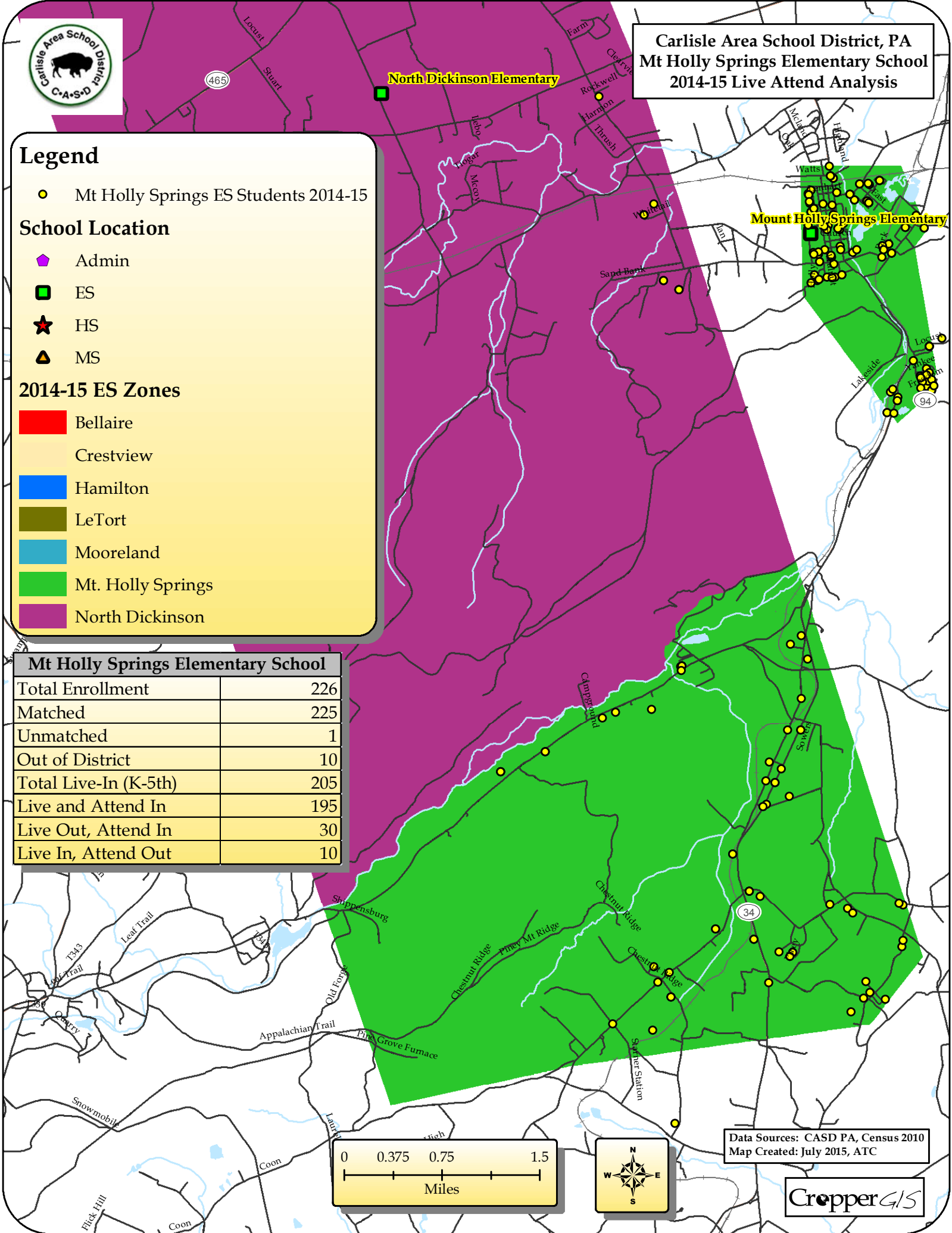
- ◆ Admin
- ES
- ★ HS
- ▲ MS

**2014-15 ES Zones**

- Bellaire
- Crestview
- Hamilton
- LeTort
- Mooreland
- Mt. Holly Springs
- North Dickinson

**Mt Holly Springs Elementary School**

Total Enrollment	226
Matched	225
Unmatched	1
Out of District	10
Total Live-In (K-5th)	205
Live and Attend In	195
Live Out, Attend In	30
Live In, Attend Out	10



Data Sources: CASD PA, Census 2010  
Map Created: July 2015, ATC





**Carlisle Area School District, PA  
North Dickinson Elementary School  
2014-15 Live Attend Analysis**

North Dickinson Elementary School	
Total Enrollment	198
Matched	198
Unmatched	0
Out of District	7
Total Live-In (K-5th)	191
Live and Attend In	169
Live Out, Attend In	29
Live In, Attend Out	22

**Legend**

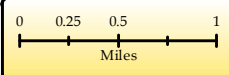
● North Dickinson ES Students 2014-15

**School Location**

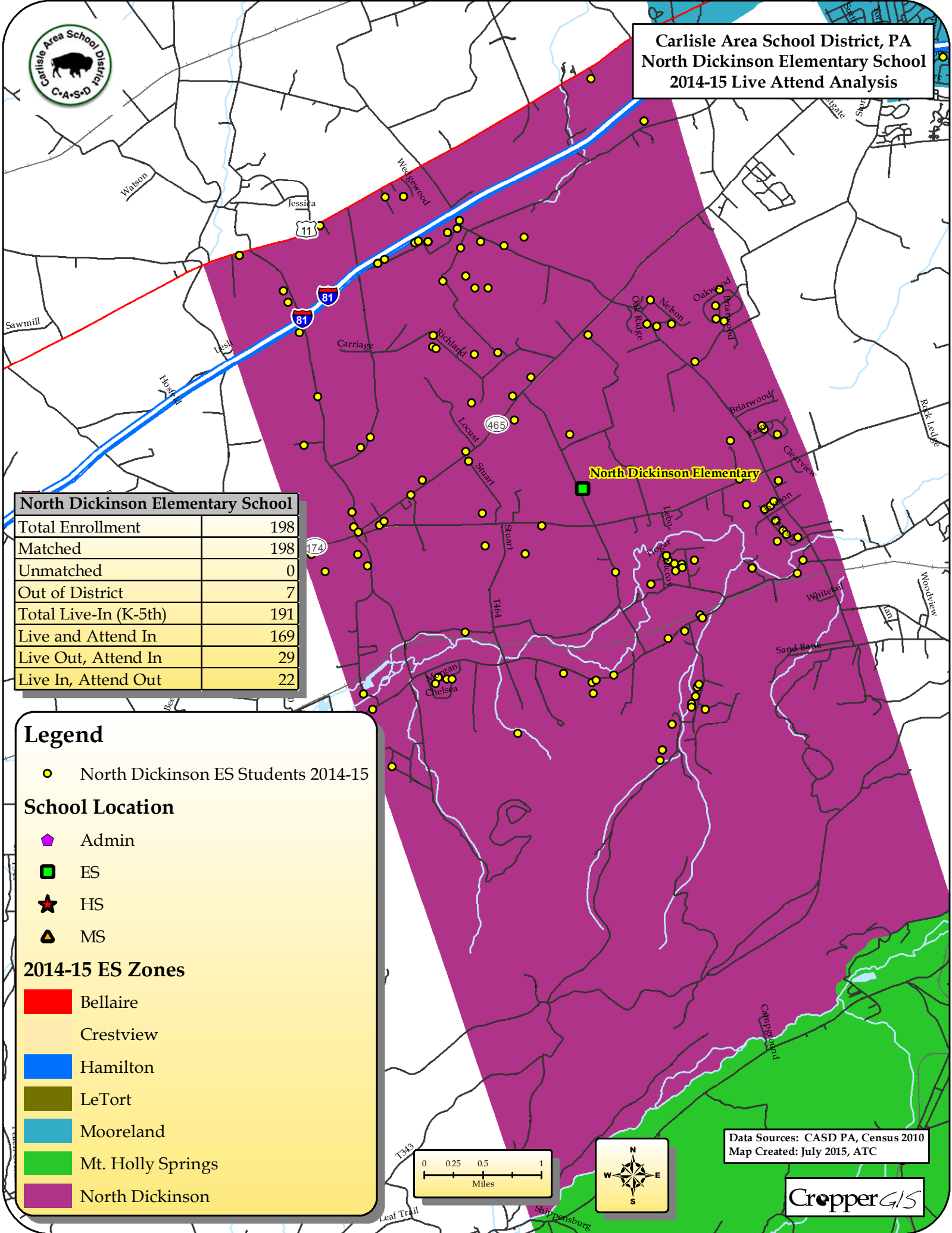
- ◆ Admin
- ES
- ★ HS
- ▲ MS

**2014-15 ES Zones**

- Bellaire
- Crestview
- Hamilton
- LeTort
- Mooreland
- Mt. Holly Springs
- North Dickinson



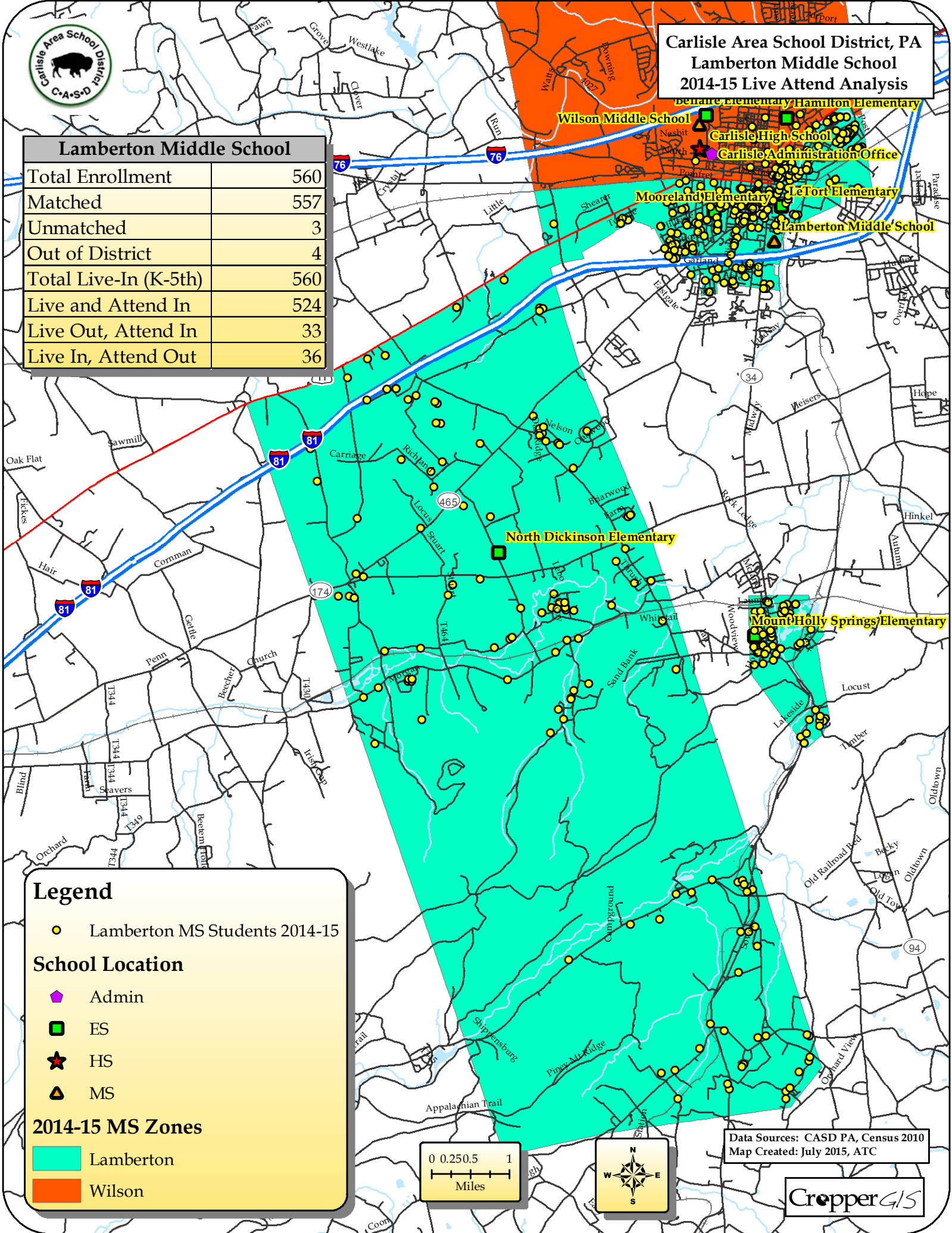
Data Sources: CASD PA, Census 2010  
Map Created: July 2015, ATC





**Carlisle Area School District, PA  
Lamberton Middle School  
2014-15 Live Attend Analysis**

Lamberton Middle School	
Total Enrollment	560
Matched	557
Unmatched	3
Out of District	4
Total Live-In (K-5th)	560
Live and Attend In	524
Live Out, Attend In	33
Live In, Attend Out	36



**Legend**

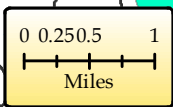
● Lamberton MS Students 2014-15

**School Location**

- ◆ Admin
- ES
- ★ HS
- ▲ MS

**2014-15 MS Zones**

- Lamberton
- Wilson



Data Sources: CASD PA, Census 2010  
Map Created: July 2015, ATC







**Carlisle Area School District, PA  
Wilson Middle School  
2014-15 Live Attend Analysis**

Wilson Middle School	
Total Enrollment	543
Matched	541
Unmatched	2
Out of District	10
Total Live-In (K-5th)	551
Live and Attend In	505
Live Out, Attend In	36
Live In, Attend Out	46

**Legend**

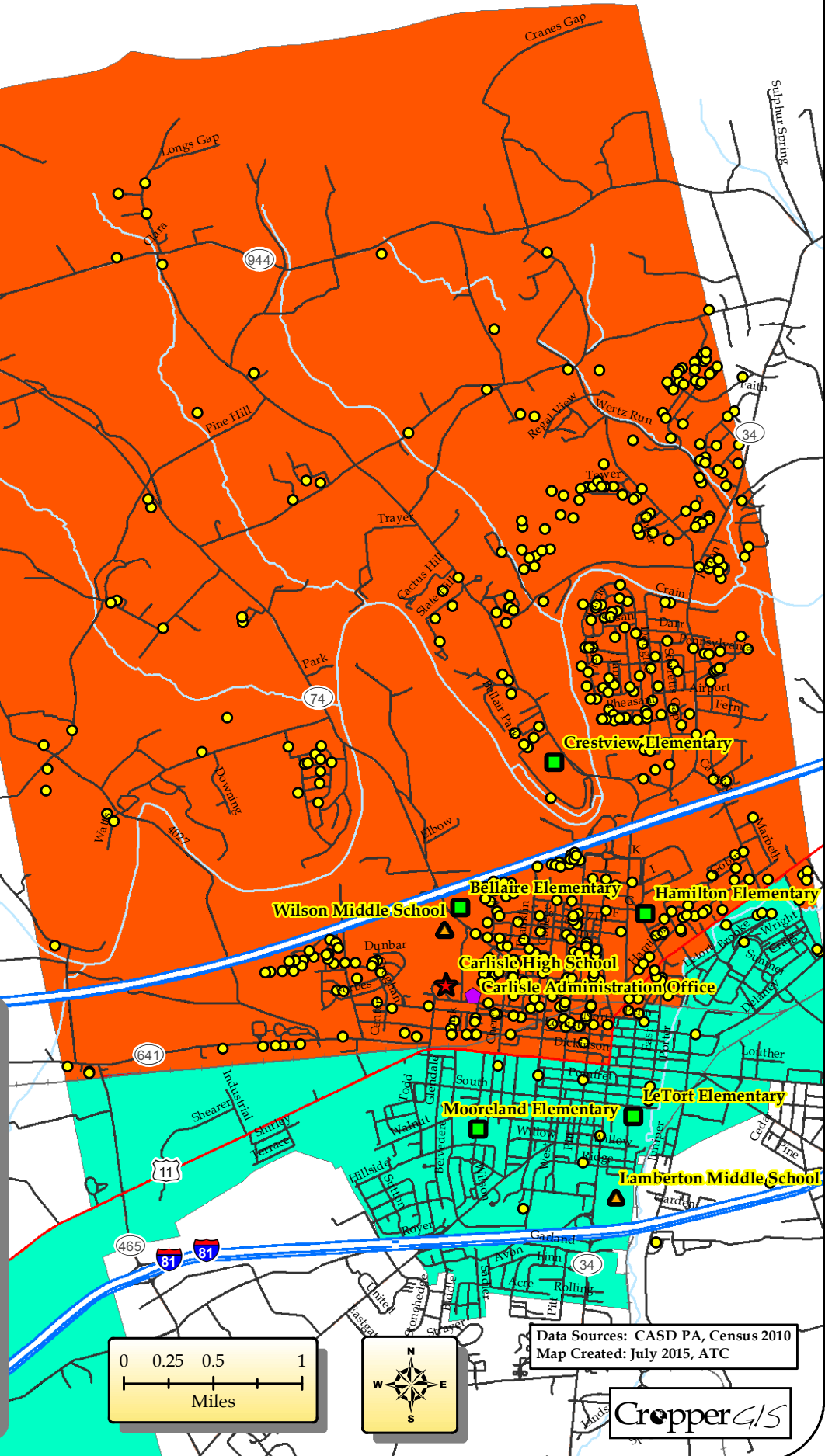
● Wilson MS Students 2014-15

**School Location**

- ◆ Admin
- ES
- ★ HS
- ▲ MS

**2014-15 MS Zones**

- Lamberton
- Wilson



Data Sources: CASD PA, Census 2010  
Map Created: July 2015, ATC

