



Roanoke County Public Schools, VA Demographic Study

January 2016



Cropper GIS



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Executive Summary

1. The Roanoke County School's fertility rates over the life of the forecasts are below replacement levels. (1.91 vs. replacement level of 2.1)
2. Most in-migration to the district continues to occur in the 0-to-9 and 25-to-39 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 accounts for the largest segment of the district's out migration flow.
4. The primary factor causing the district's enrollment to slightly decline is the increase in the turnover of "empty nest" households in the district and the coupled with a static level of in-migration of young households/families.
5. Changes in year-to-year enrollment (at least for the next four years) will primarily be due to smaller cohorts entering and moving through the system in conjunction with larger cohorts leaving the system.
6. The elementary enrollment will begin a slight decline after 2020. However this will be offset by the growth of the middle school and high school enrollments after 2020.
7. The median age of the district population will increase from 43.4 in 2010 to 46.4 in 2025.
8. As the district continues to have less new home construction, (as compared to the 2001-2007 time period) the rate and magnitude of existing home sales will become the increasingly dominant factor affecting the amount of population and enrollment change.
9. Total enrollment is projected to decrease by 123 students, or -0.8%, between 2015-16 and 2020-21. Total enrollment will decline by 26 students, or 0.2%, from 2020-21 to 2025-26.



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 time frame of the forecast.

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

The manifest purpose of these forecasts is to ascertain the demographic factors that will ultimately influence the enrollment levels in the district's schools. There are of course, other non-demographic factors that affect enrollment levels over time. These

factors include, but are not limited to transfer policies within the district; student transfers to and from neighboring districts; placement of "special programs" within school facilities that may serve students from outside the attendance area; state or federal mandates that dictate the movement of students from one facility to another (No Child Left Behind 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 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 the Roanoke County Schools 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 Roanoke County Schools District provided enrollments by grade and attendance center for the school years 2010-2011 to 2015-16. Birth and death data for the years 2000 through 2014 were obtained from the Virginia 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 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 1,100 of the over 37,000 current households in the district would have been included. For comparison 5,400 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 Roanoke County Schools 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 2025. 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 while living in the school district during her lifetime, is estimated to be 1.91 for the total district for the ten years of the population forecasts. A TFR of 2.1 births per woman is considered to be the theoretical "replacement level" of fertility necessary for a population to remain constant in the absence of in-migration. Therefore, in the absence of migration, fertility alone would be insufficient to maintain the current level of population and enrollment within the Roanoke County Schools District over the course of the forecast period.

A close examination of data for the Roanoke County Schools 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 Roanoke County Schools 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 in-migration occurs in the 0-to-9 and 25-39 age groups (the bulk of which come from areas within 75 miles of the Roanoke County Schools District) primarily consisting of younger adults and their children and retirees.



As the Roanoke 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 Roanoke County Schools District and its attendance areas will remain the same through the year 2025. Below is a list of assumptions and issues that are specific to the Roanoke County Schools 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 Roanoke County Schools 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 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 reached a 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 Roanoke County for any year in the forecasts;
- f. All currently planned, platted, and approved housing developments are built out and completed by 2024. All housing units constructed are occupied by 2025;
- g. The unemployment rates for the Roanoke County will remain below 6.5% for the 10 years of the forecasts;
- h. The rate of students transferring into and out of the Roanoke County Schools District will remain at the 2011-12 to 2015-16 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 Roanoke County Schools 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 Roanoke County;

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

The high proportion of high school graduates from the Roanoke County Schools 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 Roanoke County Schools 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. The historical enrollment figures by grade.

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

the standpoint of demographic analysis, the Roanoke County Schools District is classified as a “small area” population (as compared to the population of the state of Virginia 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 Roanoke County Schools 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 Roanoke County Schools 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 Roanoke County Schools 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.

REFERENCES

McKibben, J.

The Impact of Policy Changes on Forecasting for School Districts. Population Research and Policy Review, Vol. 15, No. 5-6, December 1996

McKibben, J., M. Gann, and K. Faust.

The Baby Boomlet's Role in Future College Enrollment. American Demographics, June 1999.

Peters, G. and R. Larkin

Population Geography. 7th Edition.

Dubuque, IA: Kendall Hunt Publishing. 2002.

Siegel, J. and D. Swanson

The Methods and Materials of Demography: Second Edition, Academic Press: New York, New York. 2004.

Smith, S., J. Tayman and D. Swanson

State and Local Population Projections, Academic Press, New York, New York. 2001.



Appendix A: Enrollment Forecasts

Roanoke County Schools: Total 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	2025-26
K	1036	975	1002	1014	968	985	1002	998	994	987	980	966	951	935	921	935
1	997	998	992	1011	999	999	1024	1027	1023	1019	1012	999	983	968	952	938
2	1012	964	1010	996	1010	1031	1001	1028	1031	1026	1029	1022	1009	992	978	962
3	1044	1007	984	1004	1000	1038	1033	1006	1032	1036	1039	1042	1035	1022	1004	990
4	1027	1042	1021	977	1021	1019	1049	1044	1019	1045	1057	1060	1063	1056	1043	1025
5	1113	1044	1066	1023	1005	1057	1037	1069	1065	1040	1073	1087	1090	1093	1085	1072
Elementary Total	6229	6030	6075	6025	6003	6129	6146	6172	6164	6153	6190	6176	6131	6066	5983	5922
6	1140	1143	1057	1102	1056	1059	1092	1074	1104	1099	1078	1110	1125	1124	1127	1119
7	1154	1151	1156	1071	1114	1077	1069	1102	1084	1115	1114	1094	1127	1142	1141	1144
8	1103	1191	1151	1178	1095	1144	1092	1081	1116	1096	1133	1134	1113	1147	1163	1160
Middle School Total	3397	3485	3364	3351	3265	3280	3253	3257	3304	3310	3325	3338	3365	3413	3431	3423
9	1204	1147	1282	1236	1235	1193	1222	1165	1153	1191	1170	1200	1200	1178	1214	1232
10	1225	1177	1106	1227	1208	1198	1158	1188	1132	1120	1158	1138	1166	1168	1145	1180
11	1156	1151	1125	1085	1160	1154	1148	1109	1140	1087	1077	1114	1094	1123	1124	1102
12	1178	1167	1150	1130	1101	1181	1157	1153	1114	1144	1092	1078	1117	1098	1125	1127
High School Total	4763	4642	4663	4678	4704	4726	4685	4615	4539	4542	4497	4530	4577	4567	4608	4641
Total Enrollment	14389	14157	14102	14054	13972	14135	14084	14044	14007	14005	14012	14044	14073	14046	14022	13986

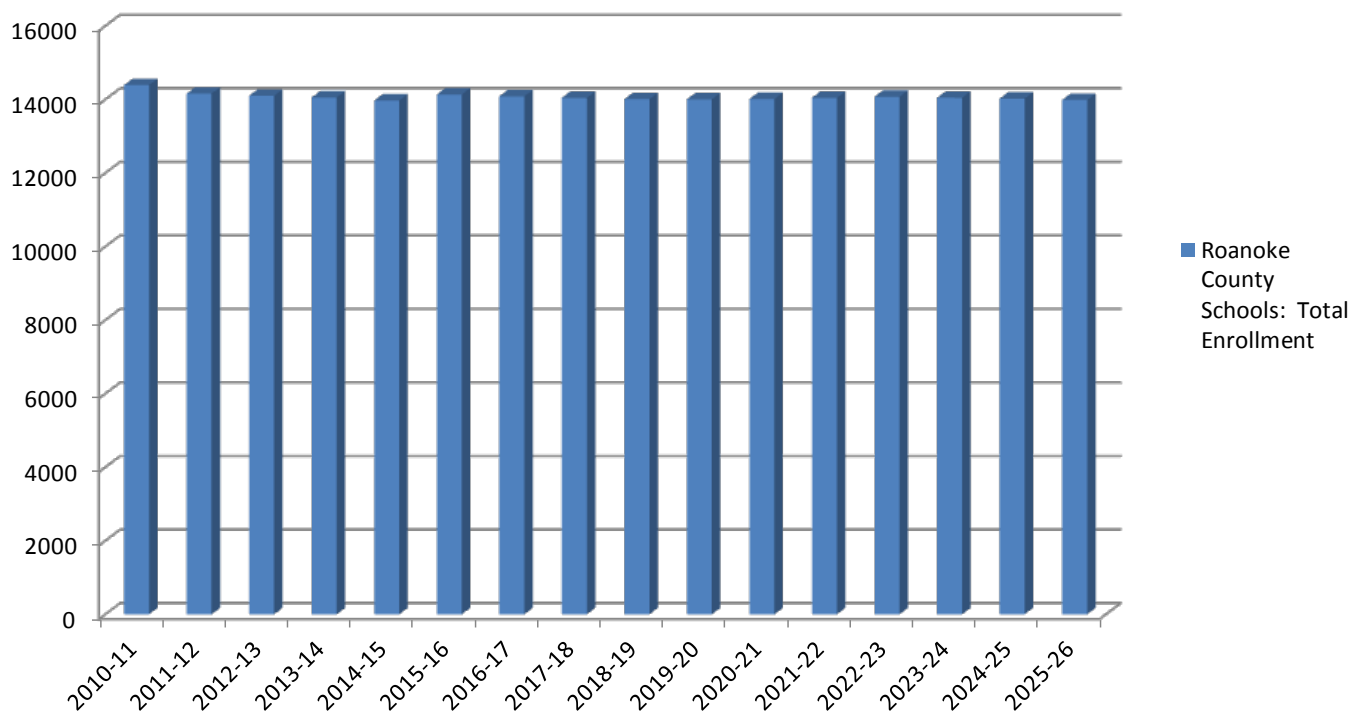
Forecasts Developed January 2016
 Green cells (2015-16 and earlier) are historical data
 Blue cells (2016-17 and later) are forecasted years

Roanoke County Schools: Total Enrollment Changes

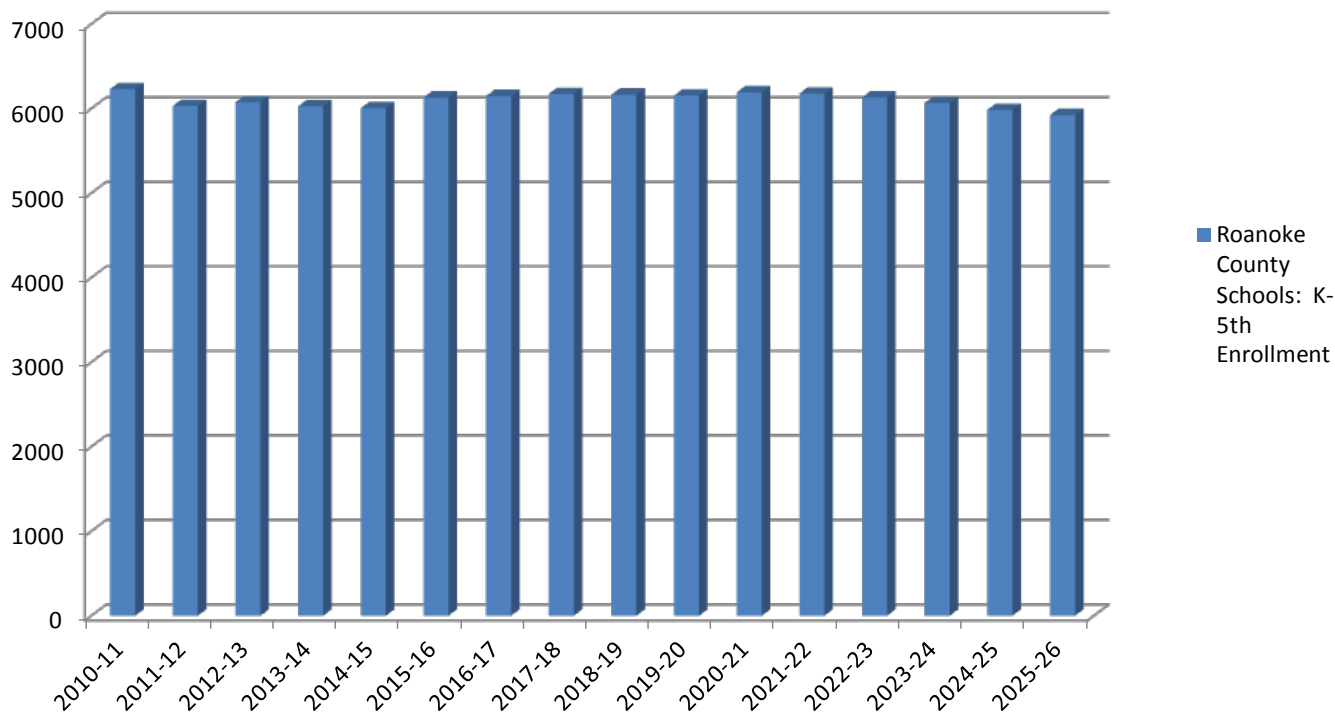
	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Total: All Grades	14389	14157	14102	14054	13972	14135	14084	14044	14007	14005	14012	14044	14073	14046	14022	13986
Change		-232	-55	-48	-82	163	-51	-40	-37	-2	7	32	29	-27	-24	-36
Percent Change		-1.61%	-0.39%	-0.34%	-0.58%	1.17%	-0.36%	-0.28%	-0.26%	-0.01%	0.05%	0.23%	0.21%	-0.19%	-0.17%	-0.26%
Total: Elementary	6229	6030	6075	6025	6003	6129	6146	6172	6164	6153	6190	6176	6131	6066	5983	5922
Change		-199	45	-50	-22	126	17	26	-8	-11	37	-14	-45	-65	-83	-61
Percent Change		-3.19%	0.75%	-0.82%	-0.37%	2.10%	0.28%	0.42%	-0.13%	-0.18%	0.60%	-0.23%	-0.73%	-1.06%	-1.37%	-1.02%
Total: Middle School	3397	3485	3364	3351	3265	3280	3253	3257	3304	3310	3325	3338	3365	3413	3431	3423
Change		88	-121	-13	-86	15	-27	4	47	6	15	13	27	48	18	-8
Percent Change		2.59%	-3.47%	-0.39%	-2.57%	0.46%	-0.82%	0.12%	1.44%	0.18%	0.45%	0.39%	0.81%	1.43%	0.53%	-0.23%
Total: High School	4763	4642	4663	4678	4704	4726	4685	4615	4539	4542	4497	4530	4577	4567	4608	4641
Change		-121	21	15	26	22	-41	-70	-76	3	-45	33	47	-10	41	33
Percent Change		-2.54%	0.45%	0.32%	0.56%	0.47%	-0.87%	-1.49%	-1.65%	0.07%	-0.99%	0.73%	1.04%	-0.22%	0.90%	0.72%



Roanoke County Schools: Total Enrollment

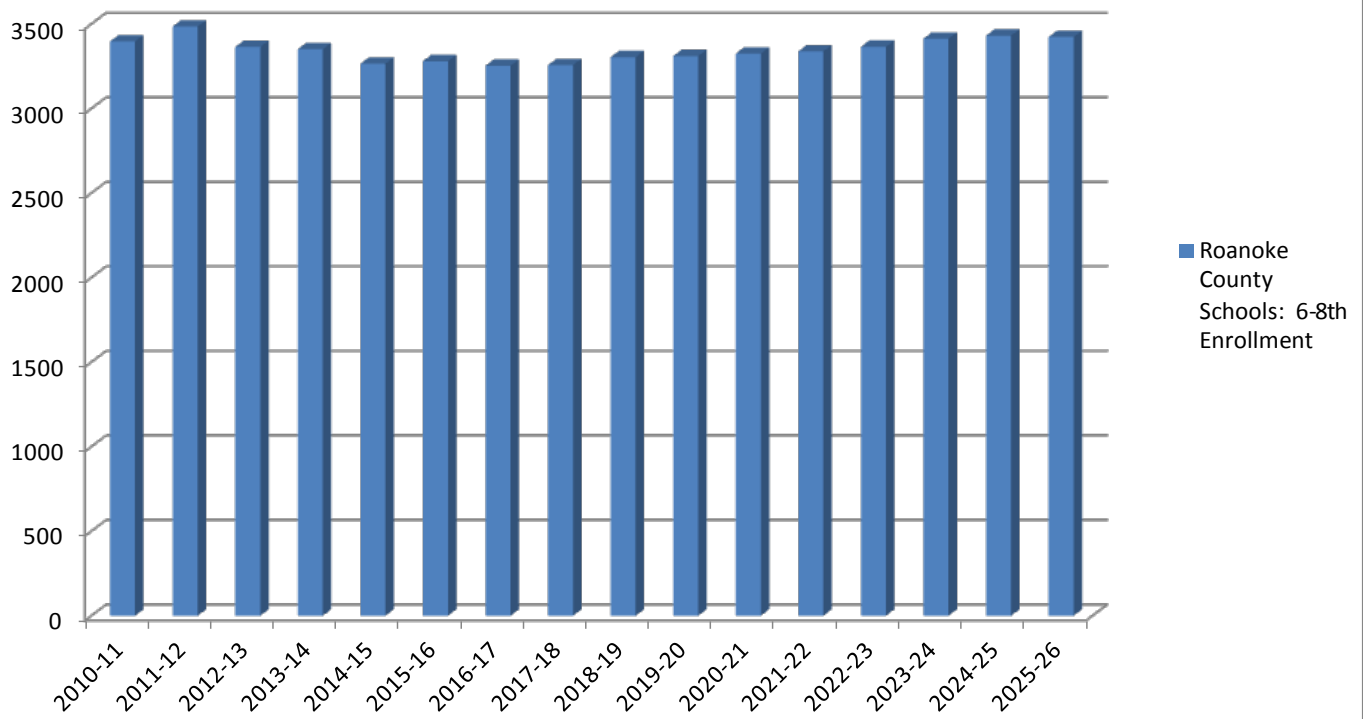


Roanoke County Schools: K-5th Enrollment

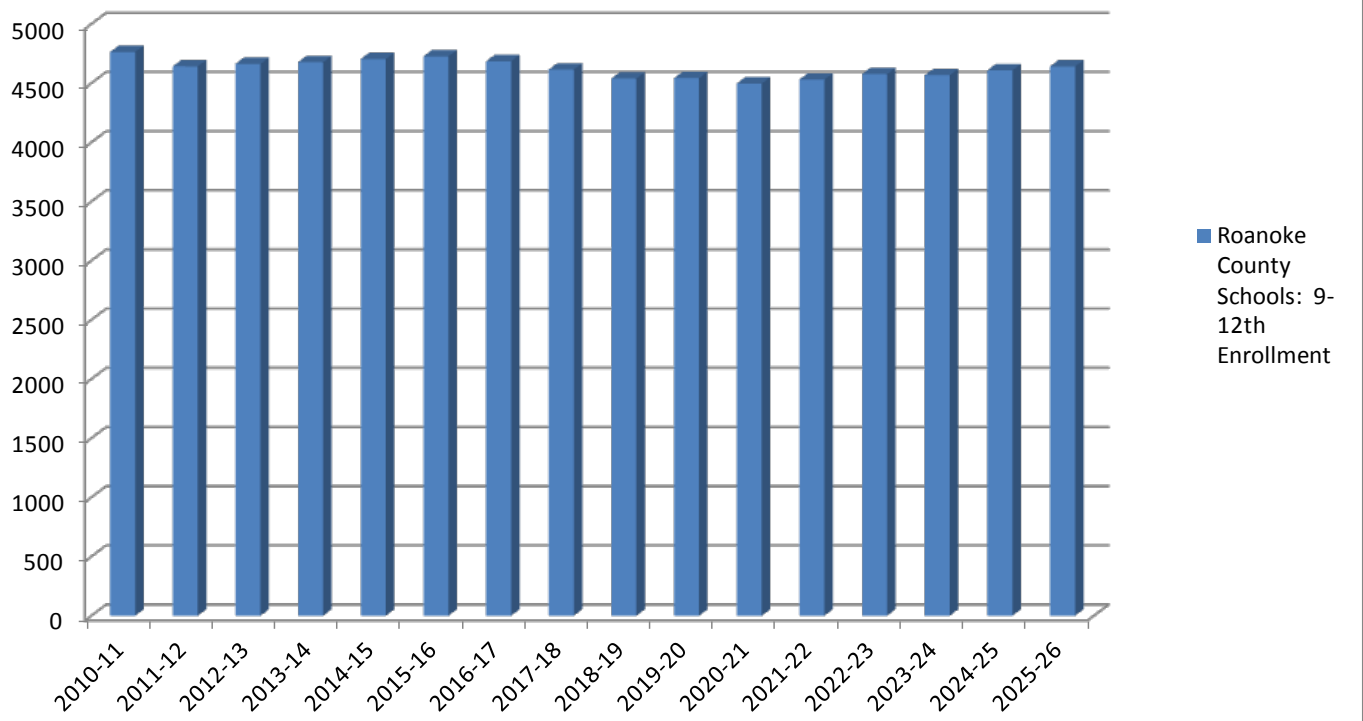




Roanoke County Schools: 6-8th Enrollment



Roanoke County Schools: 9-12th Enrollment





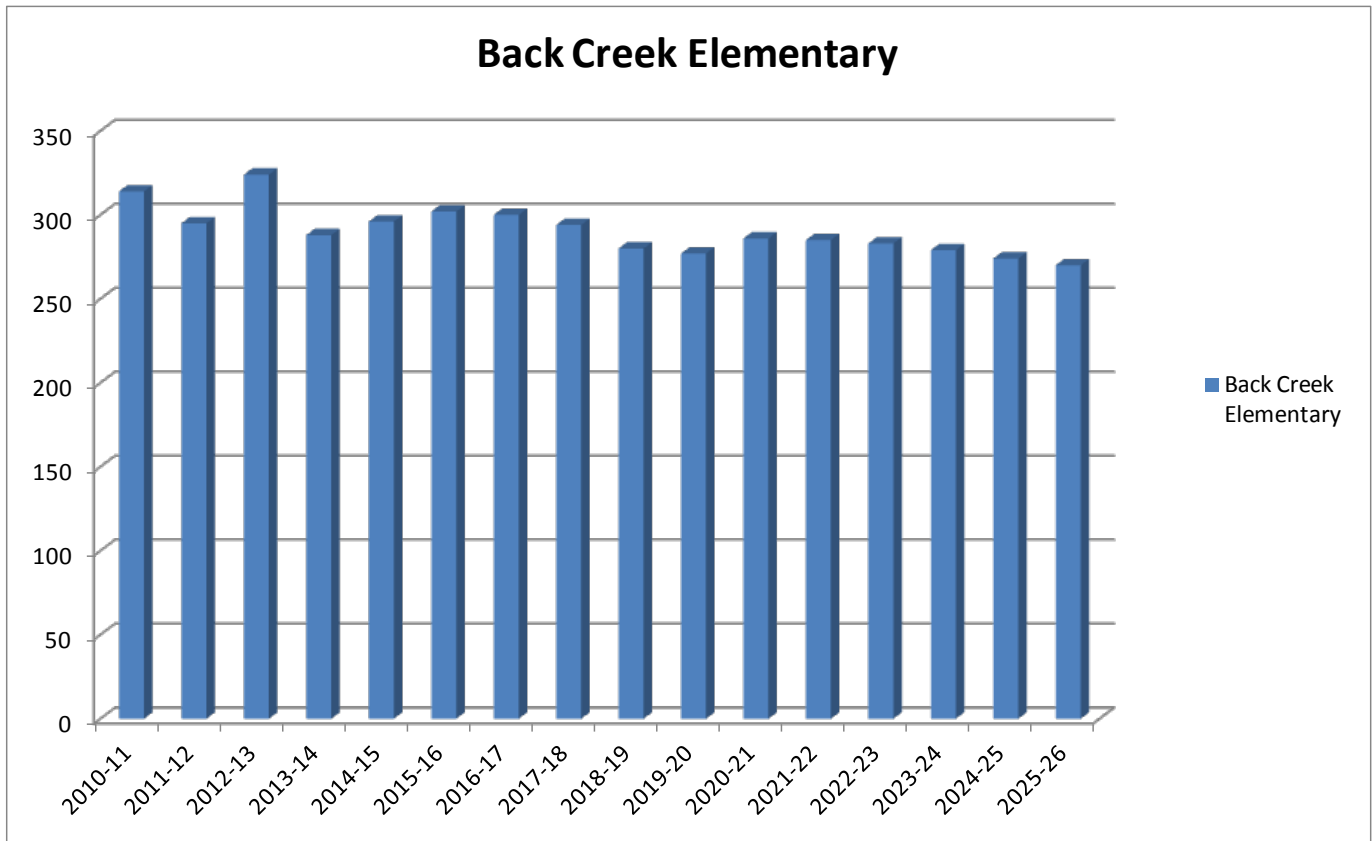
Back Creek Elementary

	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	2025-26
K	50	48	68	42	40	47	45	45	44	44	44	43	42	41	40	41
1	50	46	50	57	49	42	49	48	48	47	47	46	45	44	43	42
2	44	47	48	44	60	48	40	47	46	46	46	46	45	44	43	42
3	54	50	50	45	48	60	49	41	48	47	48	48	48	47	46	45
4	55	51	55	46	48	54	61	50	42	49	49	50	50	50	49	48
5	61	53	53	54	51	51	56	63	52	44	52	52	53	53	53	52
Total	314	295	324	288	296	302	300	294	280	277	286	285	283	279	274	270

Forecasts Developed January 2016
 Green cells (2015-16 and earlier) are historical data
 Blue cells (2016-17 and later) are forecasted years

Back Creek Elementary 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	2025-26
Total: Elementary	314	295	324	288	296	302	300	294	280	277	286	285	283	279	274	270
Change		-19	29	-36	8	6	-2	-6	-14	-3	9	-1	-2	-4	-5	-4
Percent Change		-6.05%	9.83%	-11.11%	2.78%	2.03%	-0.66%	-2.00%	-4.76%	-1.07%	3.25%	-0.35%	-0.70%	-1.41%	-1.79%	-1.46%





ROANOKE COUNTY PUBLIC SCHOOLS, VA
DEMOGRAPHIC STUDY 2016

Bonsack 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	2025-26
K	67	68	71	56	58	60	59	58	57	56	57	56	55	55	54	55
1	79	65	76	70	55	55	59	58	57	56	55	55	54	53	53	52
2	73	69	63	71	74	55	54	58	57	56	57	56	56	55	54	54
3	68	68	71	66	67	73	54	53	57	56	55	56	55	55	54	53
4	75	65	70	74	60	64	71	52	51	55	55	54	55	54	54	53
5	84	76	66	75	78	60	65	72	53	52	57	57	56	57	56	56
Total	446	411	417	412	392	367	362	351	332	331	336	334	331	329	325	323

Forecasts Developed January 2016

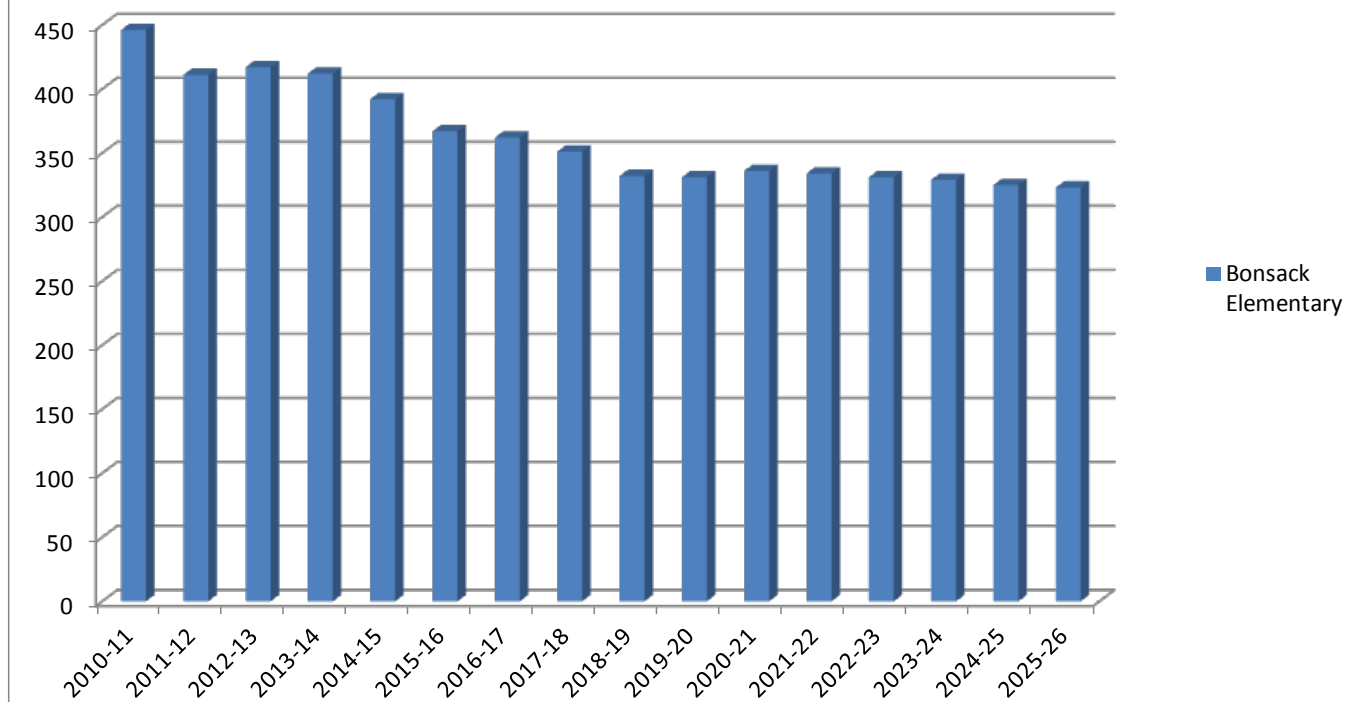
Green cells (2015-16 and earlier) are historical data

Blue cells (2016-17 and later) are forecasted years

Bonsack Elementary 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	2025-26
Total: Elementary	446	411	417	412	392	367	362	351	332	331	336	334	331	329	325	323
Change		-35	6	-5	-20	-25	-5	-11	-19	-1	5	-2	-3	-2	-4	-2
Percent Change		-7.85%	1.46%	-1.20%	-4.85%	-6.38%	-1.36%	-3.04%	-5.41%	-0.30%	1.51%	-0.60%	-0.90%	-0.60%	-1.22%	-0.62%

Bonsack Elementary





ROANOKE COUNTY PUBLIC SCHOOLS, VA
DEMOGRAPHIC STUDY 2016

Burlington 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	2025-26
K	74	72	73	78	70	72	77	76	76	75	74	73	72	70	69	70
1	72	73	76	72	76	80	79	79	78	78	77	76	74	73	71	70
2	74	61	76	66	71	75	78	77	77	76	77	76	75	73	72	70
3	68	70	61	76	59	71	73	76	75	75	75	76	75	74	72	71
4	78	68	77	58	79	68	72	74	78	77	78	78	79	78	77	75
5	86	83	69	74	58	77	69	73	75	79	79	80	80	81	80	79
Total	452	427	432	424	413	443	448	455	459	460	460	459	455	449	441	435

Forecasts Developed January 2016

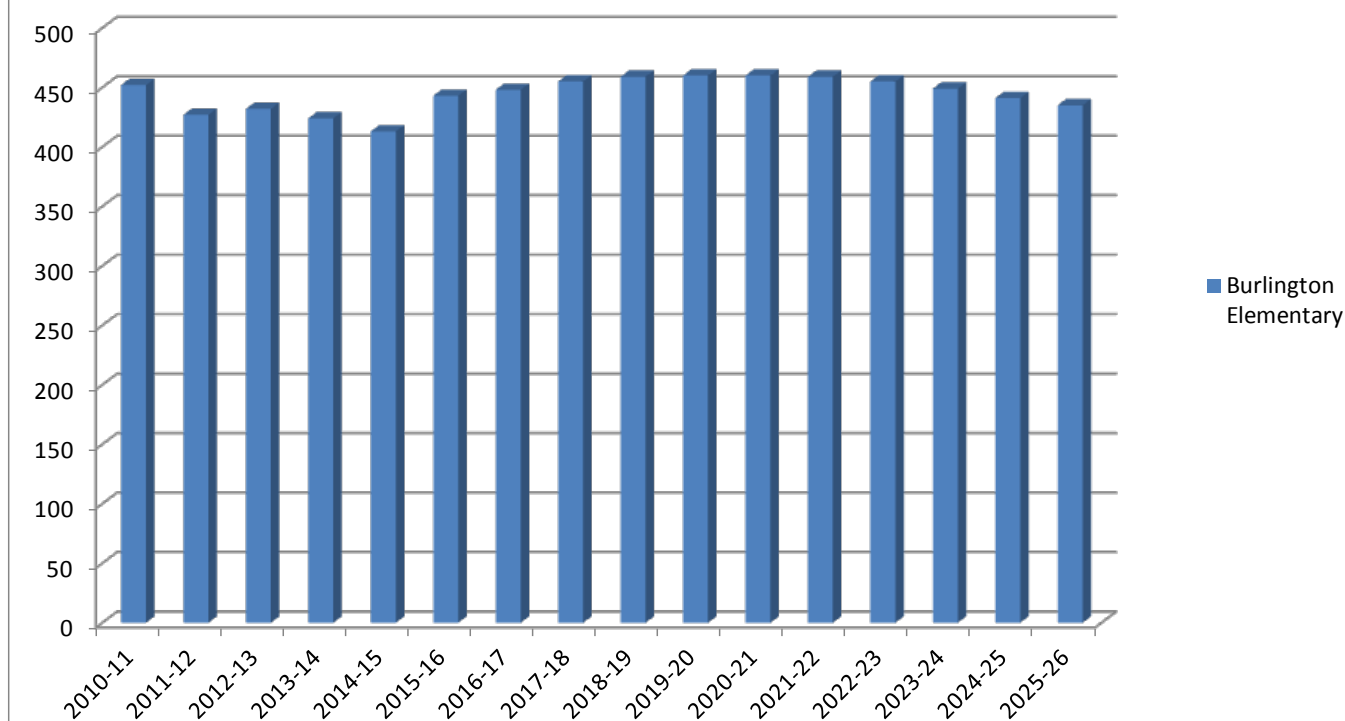
Green cells (2015-16 and earlier) are historical data

Blue cells (2016-17 and later) are forecasted years

Burlington Elementary 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	2025-26
Total: Elementary	452	427	432	424	413	443	448	455	459	460	460	459	455	449	441	435
Change		-25	5	-8	-11	30	5	7	4	1	0	-1	-4	-6	-8	-6
Percent Change		-5.53%	1.17%	-1.85%	-2.59%	7.26%	1.13%	1.56%	0.88%	0.22%	0.00%	-0.22%	-0.87%	-1.32%	-1.78%	-1.36%

Burlington Elementary





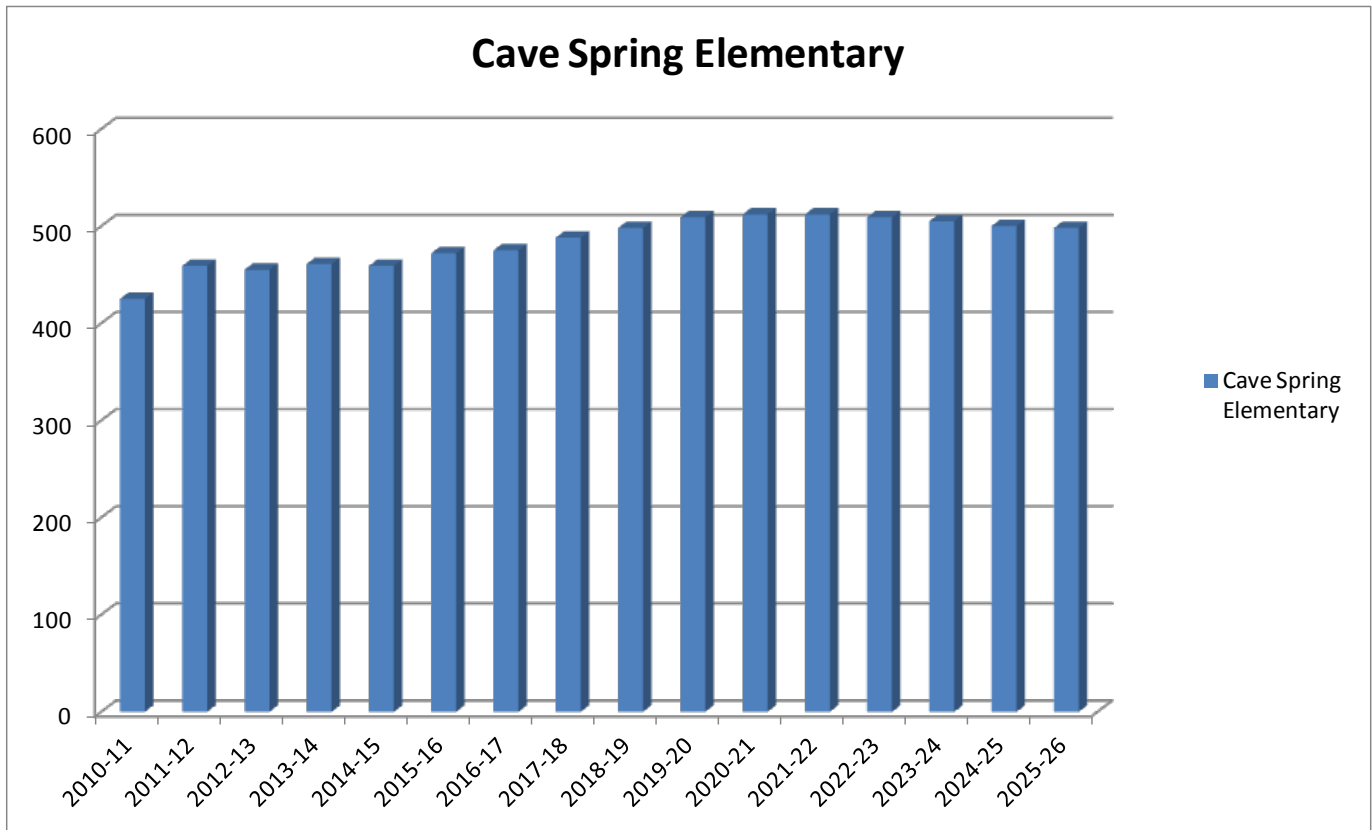
Cave Spring Elementary

	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	2025-26
K	60	68	71	71	73	77	76	75	75	74	74	74	73	72	72	73
1	70	67	63	77	69	77	79	79	78	78	77	76	76	75	74	74
2	55	82	72	65	71	70	79	81	81	80	80	79	78	78	77	76
3	84	69	89	82	70	79	78	88	90	90	90	90	89	88	88	87
4	71	84	66	89	85	78	81	80	90	92	93	93	93	92	91	91
5	85	89	94	77	91	91	82	85	84	95	98	100	100	100	98	97
Total	425	459	455	461	459	472	475	488	498	509	512	512	509	505	500	498

Forecasts Developed January 2016
 Green cells (2015-16 and earlier) are historical data
 Blue cells (2016-17 and later) are forecasted years

Cave Spring Elementary 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	2025-26
Total: Elementary	425	459	455	461	459	472	475	488	498	509	512	512	509	505	500	498
Change		34	-4	6	-2	13	3	13	10	11	3	0	-3	-4	-5	-2
Percent Change		8.00%	-0.87%	1.32%	-0.43%	2.83%	0.64%	2.74%	2.05%	2.21%	0.59%	0.00%	-0.59%	-0.79%	-0.99%	-0.40%





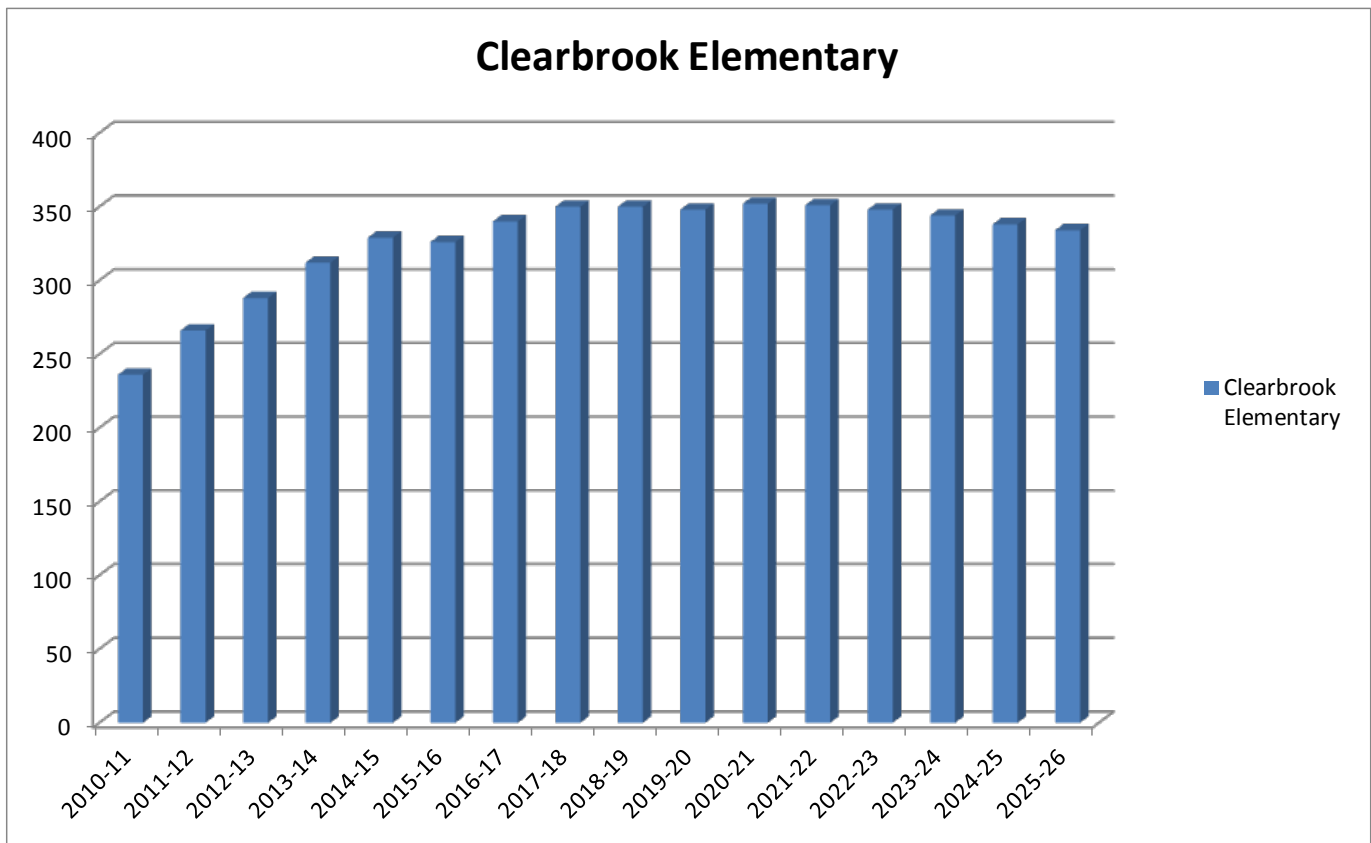
Clearbrook Elementary

	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	2025-26
K	38	43	52	58	51	52	55	54	54	53	53	52	51	50	49	50
1	38	43	41	60	54	55	57	57	56	56	55	54	53	52	51	50
2	46	47	51	48	60	59	57	59	59	58	59	58	57	56	55	54
3	39	45	50	46	53	59	60	58	60	60	60	61	60	59	58	57
4	42	45	48	55	49	50	60	61	59	61	62	62	63	62	61	60
5	33	43	46	45	62	51	51	61	62	60	63	64	64	65	64	63
Total	236	266	288	312	329	326	340	350	350	348	352	351	348	344	338	334

Forecasts Developed January 2016
 Green cells (2015-16 and earlier) are historical data
 Blue cells (2016-17 and later) are forecasted years

Clearbrook Elementary 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	2025-26
Total: Elementary	236	266	288	312	329	326	340	350	350	348	352	351	348	344	338	334
Change		30	22	24	17	-3	14	10	0	-2	4	-1	-3	-4	-6	-4
Percent Change		12.71%	8.27%	8.33%	5.45%	-0.91%	4.29%	2.94%	0.00%	-0.57%	1.15%	-0.28%	-0.85%	-1.15%	-1.74%	-1.18%





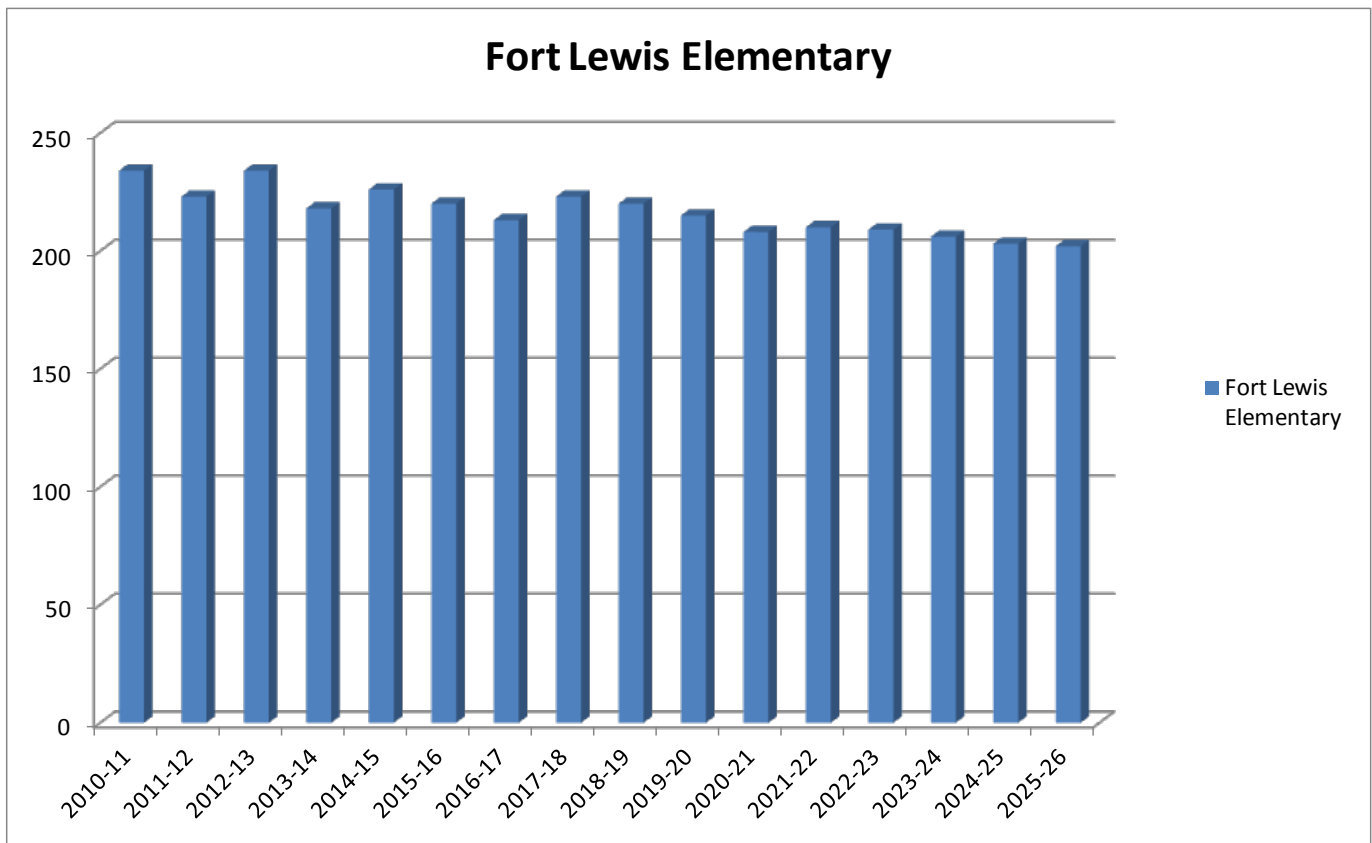
Fort Lewis Elementary

	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	2025-26
K	47	25	39	36	42	32	36	35	35	34	34	33	33	32	32	33
1	37	46	27	38	39	46	35	37	36	36	35	35	34	34	33	33
2	40	38	46	23	39	39	44	34	36	35	35	34	34	33	33	32
3	38	41	39	43	26	37	38	43	33	35	36	36	35	35	34	34
4	35	39	42	38	39	24	36	37	42	32	35	36	36	35	35	34
5	37	34	41	40	41	42	24	37	38	43	33	36	37	37	36	36
Total	234	223	234	218	226	220	213	223	220	215	208	210	209	206	203	202

Forecasts Developed January 2016
Green cells (2015-16 and earlier) are historical data
Blue cells (2016-17 and later) are forecasted years

Fort Lewis Elementary 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	2025-26
Total: Elementary	234	223	234	218	226	220	213	223	220	215	208	210	209	206	203	202
Change		-11	11	-16	8	-6	-7	10	-3	-5	-7	2	-1	-3	-3	-1
Percent Change		-4.70%	4.93%	-6.84%	3.67%	-2.65%	-3.18%	4.69%	-1.35%	-2.27%	-3.26%	0.96%	-0.48%	-1.44%	-1.46%	-0.49%





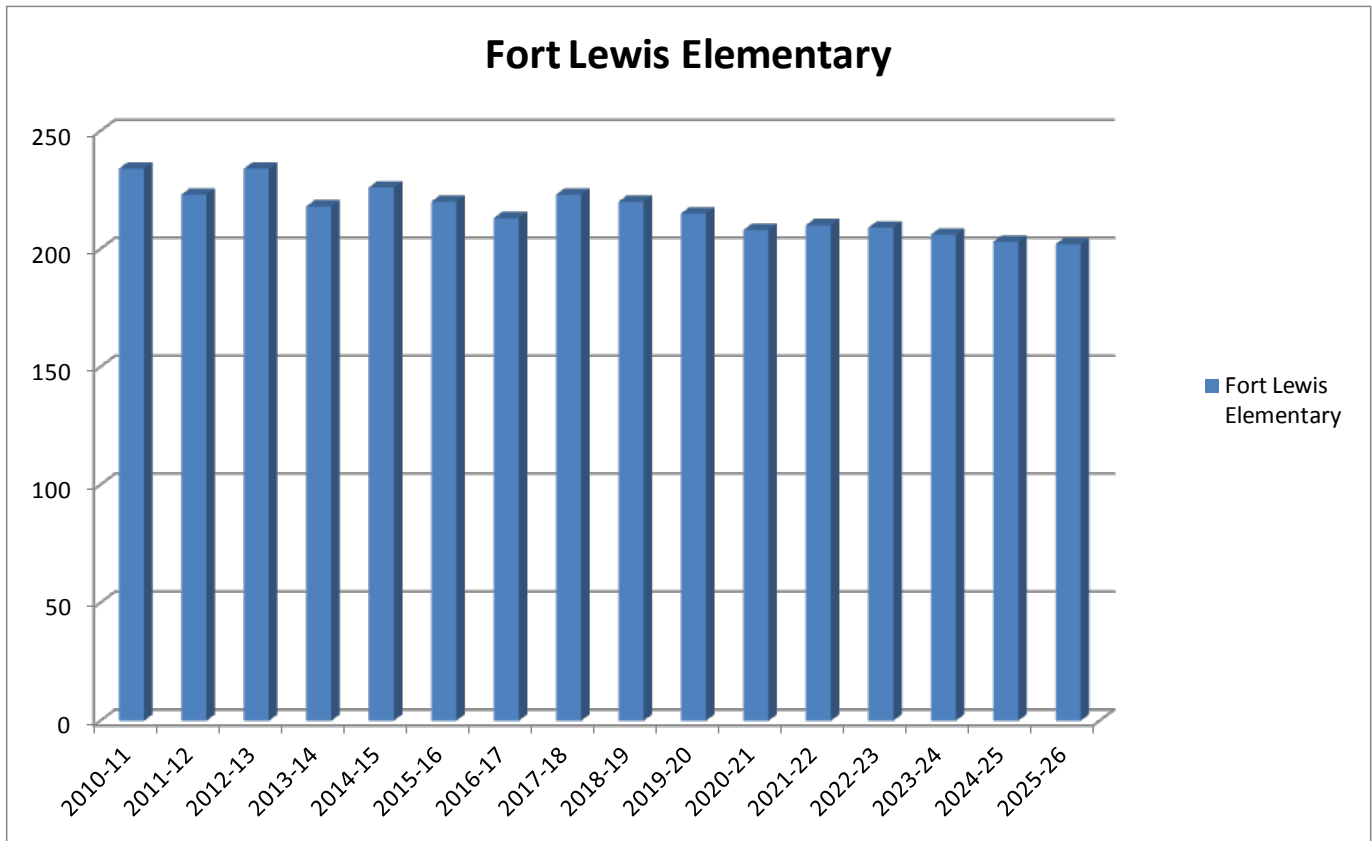
Fort Lewis Elementary

	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	2025-26
K	47	25	39	36	42	32	36	35	35	34	34	33	33	32	32	33
1	37	46	27	38	39	46	35	37	36	36	35	35	34	34	33	33
2	40	38	46	23	39	39	44	34	36	35	35	34	34	33	33	32
3	38	41	39	43	26	37	38	43	33	35	36	36	35	35	34	34
4	35	39	42	38	39	24	36	37	42	32	35	36	36	35	35	34
5	37	34	41	40	41	42	24	37	38	43	33	36	37	37	36	36
Total	234	223	234	218	226	220	213	223	220	215	208	210	209	206	203	202

Forecasts Developed January 2016
 Green cells (2015-16 and earlier) are historical data
 Blue cells (2016-17 and later) are forecasted years

Fort Lewis Elementary 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	2025-26
Total: Elementary	234	223	234	218	226	220	213	223	220	215	208	210	209	206	203	202
Change		-11	11	-16	8	-6	-7	10	-3	-5	-7	2	-1	-3	-3	-1
Percent Change		-4.70%	4.93%	-6.84%	3.67%	-2.65%	-3.18%	4.69%	-1.35%	-2.27%	-3.26%	0.96%	-0.48%	-1.44%	-1.46%	-0.49%





Glen Cove 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	2025-26
K	63	74	66	79	56	75	78	80	81	82	82	81	80	79	77	76
1	74	59	77	77	86	57	79	81	83	84	85	84	83	82	81	79
2	86	74	59	79	74	82	58	81	83	85	83	84	83	82	81	80
3	60	81	74	56	83	72	83	59	82	84	84	82	83	82	81	80
4	77	64	83	72	58	76	74	85	61	84	85	85	83	84	83	82
5	77	77	69	77	69	56	78	76	88	63	85	86	86	84	85	84
Total	437	429	428	440	426	418	450	462	478	482	504	502	498	493	488	481

Forecasts Developed January 2016

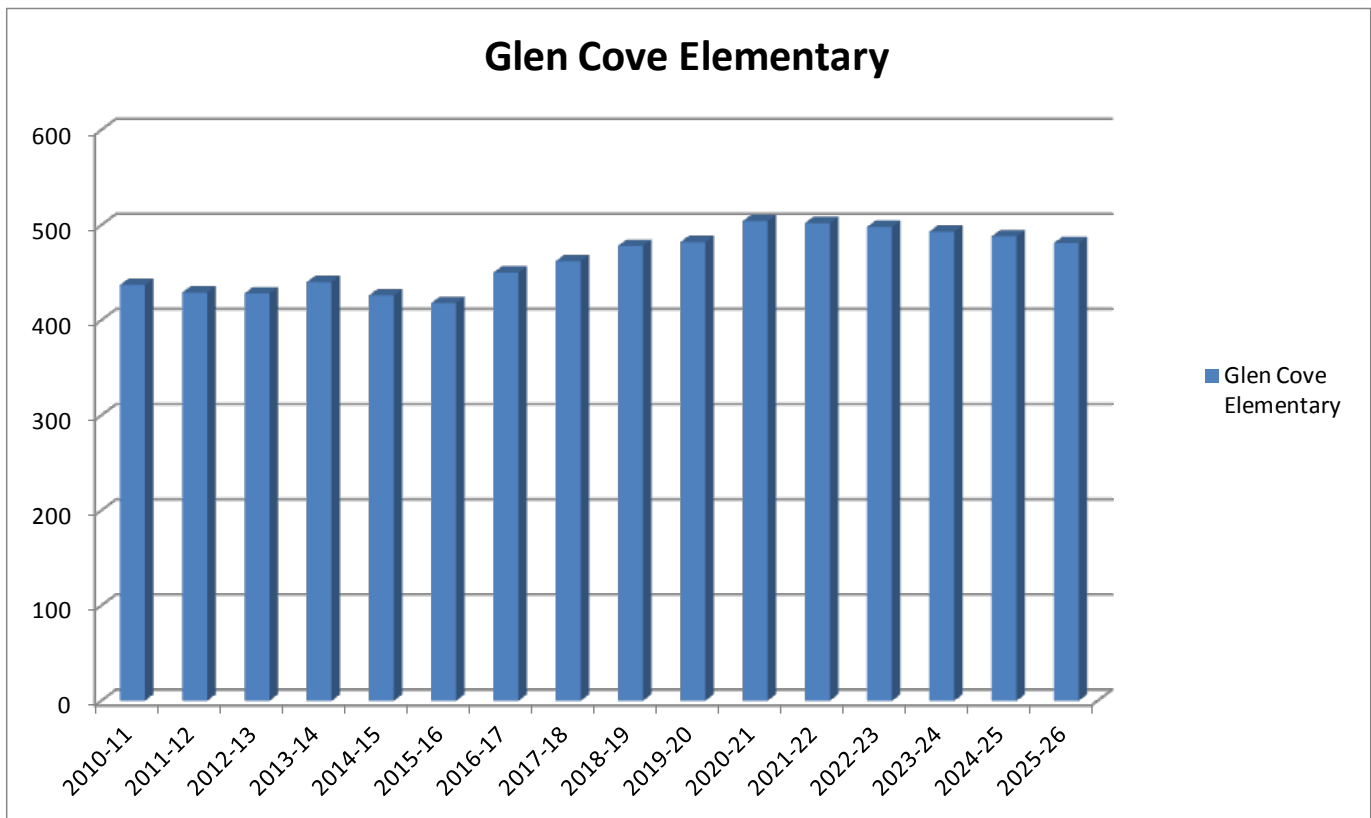
Green cells (2015-16 and earlier) are historical data

Blue cells (2016-17 and later) are forecasted years

Glen Cove 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	2025-26
Total: Elementary	437	429	428	440	426	418	450	462	478	482	504	502	498	493	488	481
Change		-8	-1	12	-14	-8	32	12	16	4	22	-2	-4	-5	-5	-7
Percent Change		-1.83%	-0.23%	2.80%	-3.18%	-1.88%	7.66%	2.67%	3.46%	0.84%	4.56%	-0.40%	-0.80%	-1.00%	-1.01%	-1.43%

Glen Cove Elementary





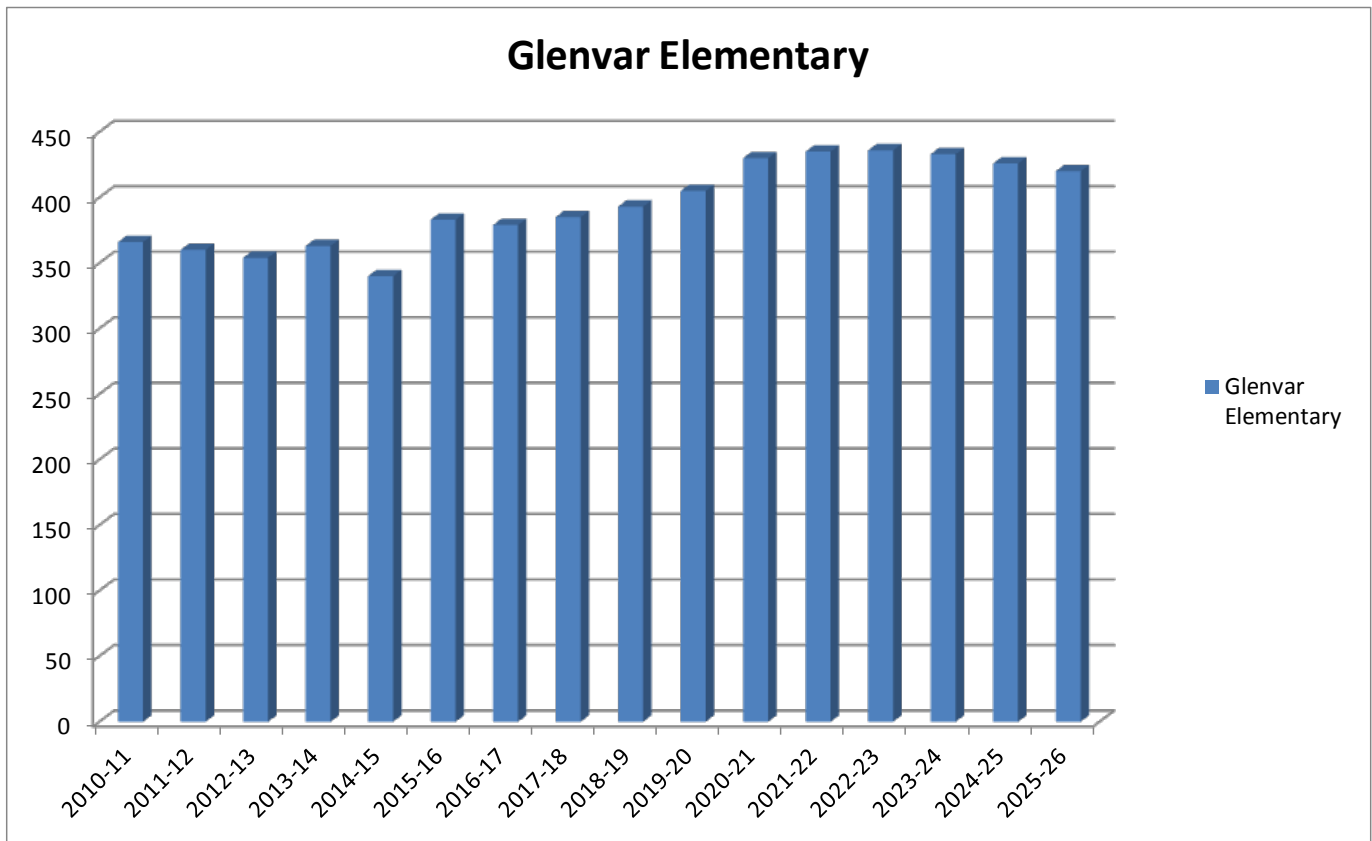
Glenvar Elementary

	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	2025-26
K	67	56	54	62	47	66	67	67	68	68	67	65	64	62	61	62
1	60	62	56	55	55	53	69	70	70	71	71	70	68	67	65	64
2	61	53	65	56	54	58	52	68	69	69	72	72	71	69	68	66
3	64	66	52	68	60	63	59	53	69	70	72	75	75	74	72	71
4	65	62	64	54	72	66	65	61	55	71	74	76	79	79	78	76
5	49	61	63	68	52	77	67	66	62	56	74	77	79	82	82	81
Total	366	360	354	363	340	383	379	385	393	405	430	435	436	433	426	420

Forecasts Developed January 2016
 Green cells (2015-16 and earlier) are historical data
 Blue cells (2016-17 and later) are forecasted years

Glenvar Elementary 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	2025-26
Total: Elementary	366	360	354	363	340	383	379	385	393	405	430	435	436	433	426	420
Change		-6	-6	9	-23	43	-4	6	8	12	25	5	1	-3	-7	-6
Percent Change		-1.64%	-1.67%	2.54%	-6.34%	12.65%	-1.04%	1.58%	2.08%	3.05%	6.17%	1.16%	0.23%	-0.69%	-1.62%	-1.41%





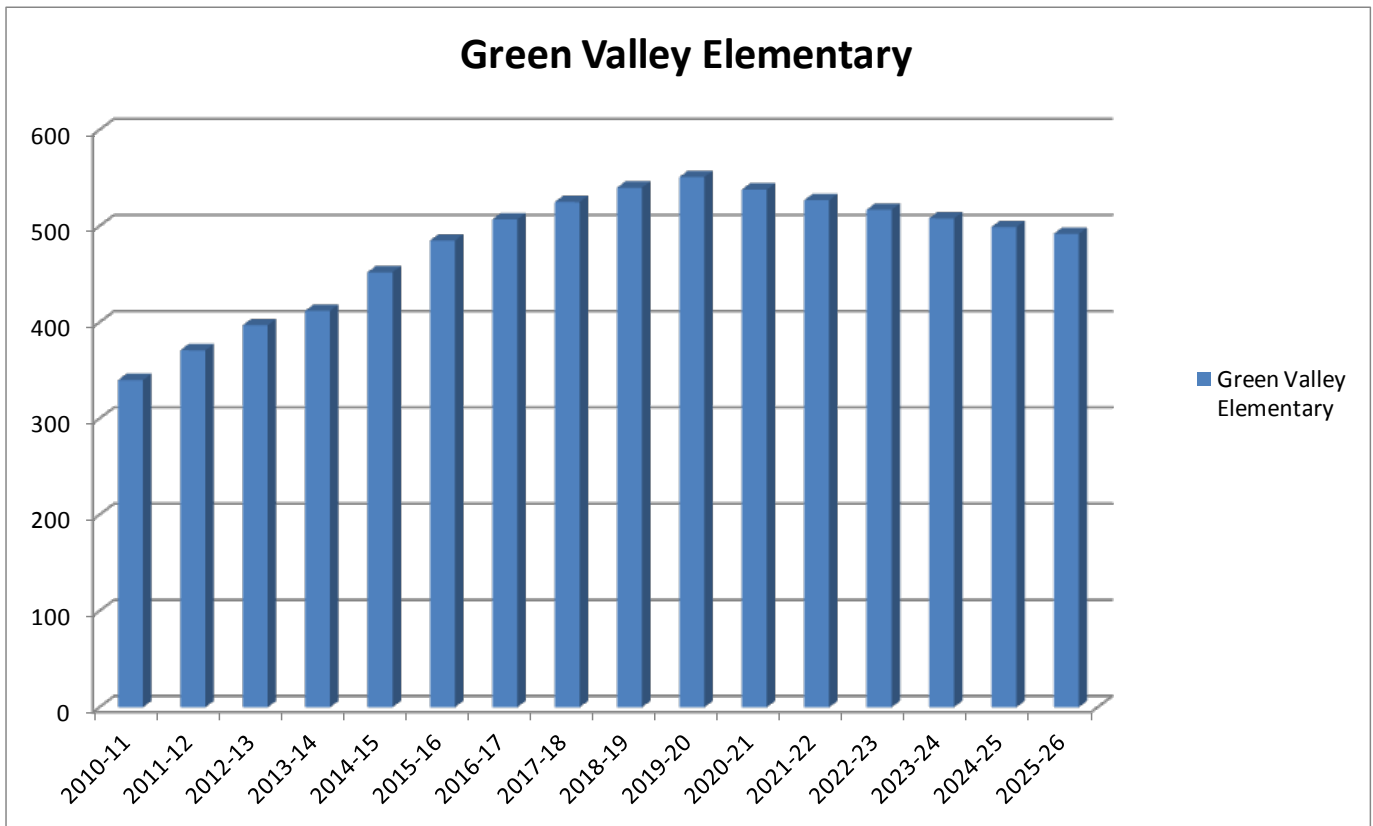
Green Valley Elementary

	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	2025-26
K	54	67	60	76	86	81	81	80	79	78	77	76	75	74	73	74
1	56	53	78	66	70	88	85	84	83	82	81	79	78	77	76	75
2	60	64	62	78	74	79	96	93	92	90	88	87	85	83	82	81
3	67	61	64	71	79	80	82	100	97	96	93	91	90	88	85	84
4	46	72	61	59	82	79	82	84	103	100	98	95	93	92	90	87
5	57	54	72	62	61	78	81	84	86	105	101	99	96	94	93	91
Total	340	371	397	412	452	485	507	525	540	551	538	527	517	508	499	492

Forecasts Developed January 2016
 Green cells (2015-16 and earlier) are historical data
 Blue cells (2016-17 and later) are forecasted years

Green Valley Elementary 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	2025-26
Total: Elementary	340	371	397	412	452	485	507	525	540	551	538	527	517	508	499	492
Change		31	26	15	40	33	22	18	15	11	-13	-11	-10	-9	-9	-7
Percent Change		9.12%	7.01%	3.78%	9.71%	7.30%	4.54%	3.55%	2.86%	2.04%	-2.36%	-2.04%	-1.90%	-1.74%	-1.77%	-1.40%





Herman Horn 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	2025-26
K	68	68	73	77	71	72	71	71	70	69	67	67	66	66	65	66
1	65	67	68	65	61	74	70	69	69	68	67	66	66	65	65	64
2	70	55	64	65	49	53	68	64	63	63	61	60	59	59	59	59
3	65	68	58	70	61	65	55	70	66	65	64	62	61	60	60	60
4	71	72	72	59	64	61	67	57	72	68	66	65	63	62	61	61
5	77	75	67	67	59	70	63	69	59	74	69	67	66	64	63	62
Total	416	405	402	403	365	395	394	400	399	407	394	387	381	376	373	372

Forecasts Developed January 2016

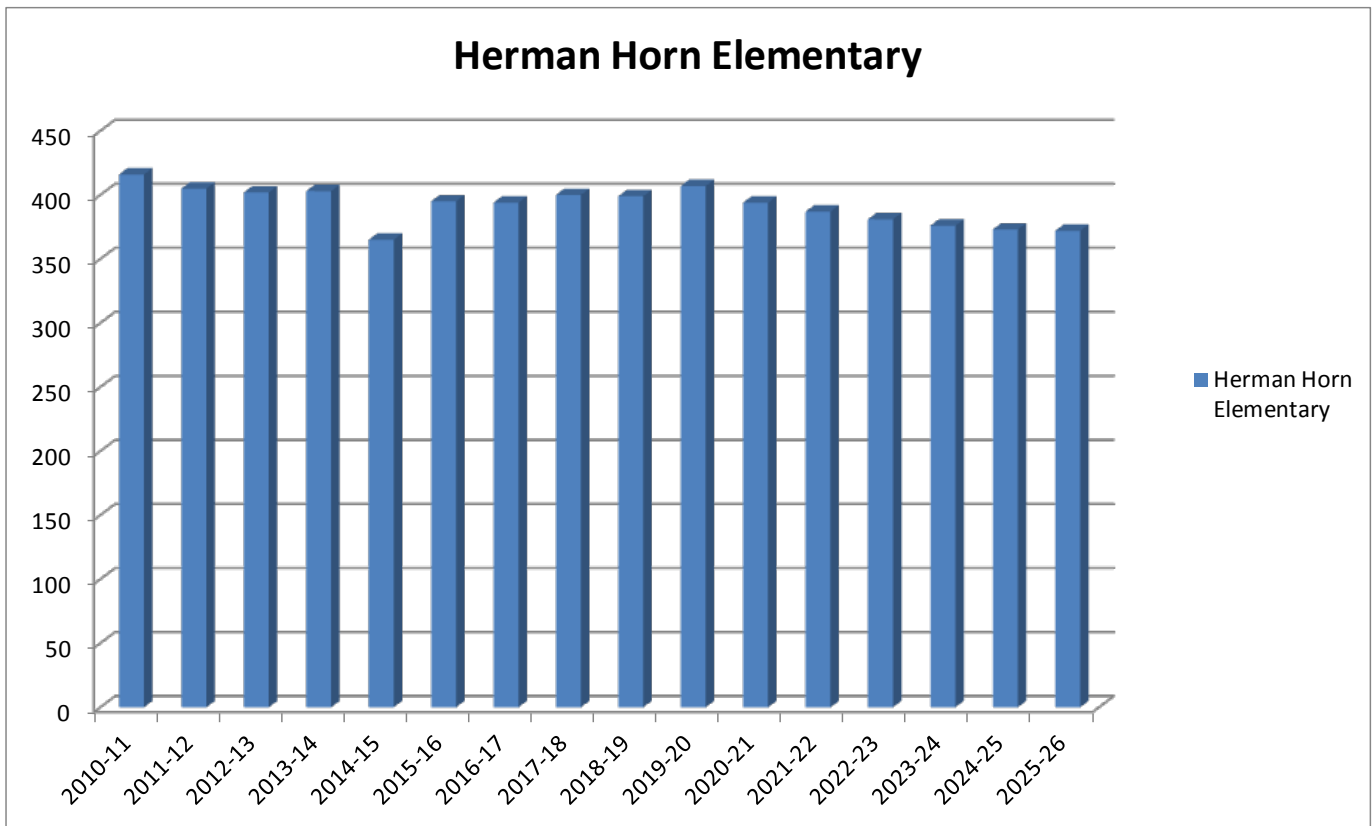
Green cells (2015-16 and earlier) are historical data

Blue cells (2016-17 and later) are forecasted years

Herman Horn Elementary 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	2025-26
Total: Elementary	416	405	402	403	365	395	394	400	399	407	394	387	381	376	373	372
Change		-11	-3	1	-38	30	-1	6	-1	8	-13	-7	-6	-5	-3	-1
Percent Change		-2.64%	-0.74%	0.25%	-9.43%	8.22%	-0.25%	1.52%	-0.25%	2.01%	-3.19%	-1.78%	-1.55%	-1.31%	-0.80%	-0.27%

Herman Horn Elementary





ROANOKE COUNTY PUBLIC SCHOOLS, VA
DEMOGRAPHIC STUDY 2016

Masons Cove 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	2025-26
K	37	41	30	29	43	30	33	34	35	36	36	34	33	31	30	31
1	35	35	43	33	30	43	33	34	35	36	37	37	35	34	32	31
2	34	36	35	43	33	40	44	34	35	36	37	38	38	36	35	33
3	31	31	37	30	39	42	39	43	33	34	35	36	37	37	35	34
4	26	26	35	35	32	40	43	40	44	34	35	36	37	38	38	36
5	36	24	28	34	33	33	39	42	39	43	33	34	35	36	37	37
Total	199	193	208	204	210	228	231	227	221	219	213	215	215	212	207	202

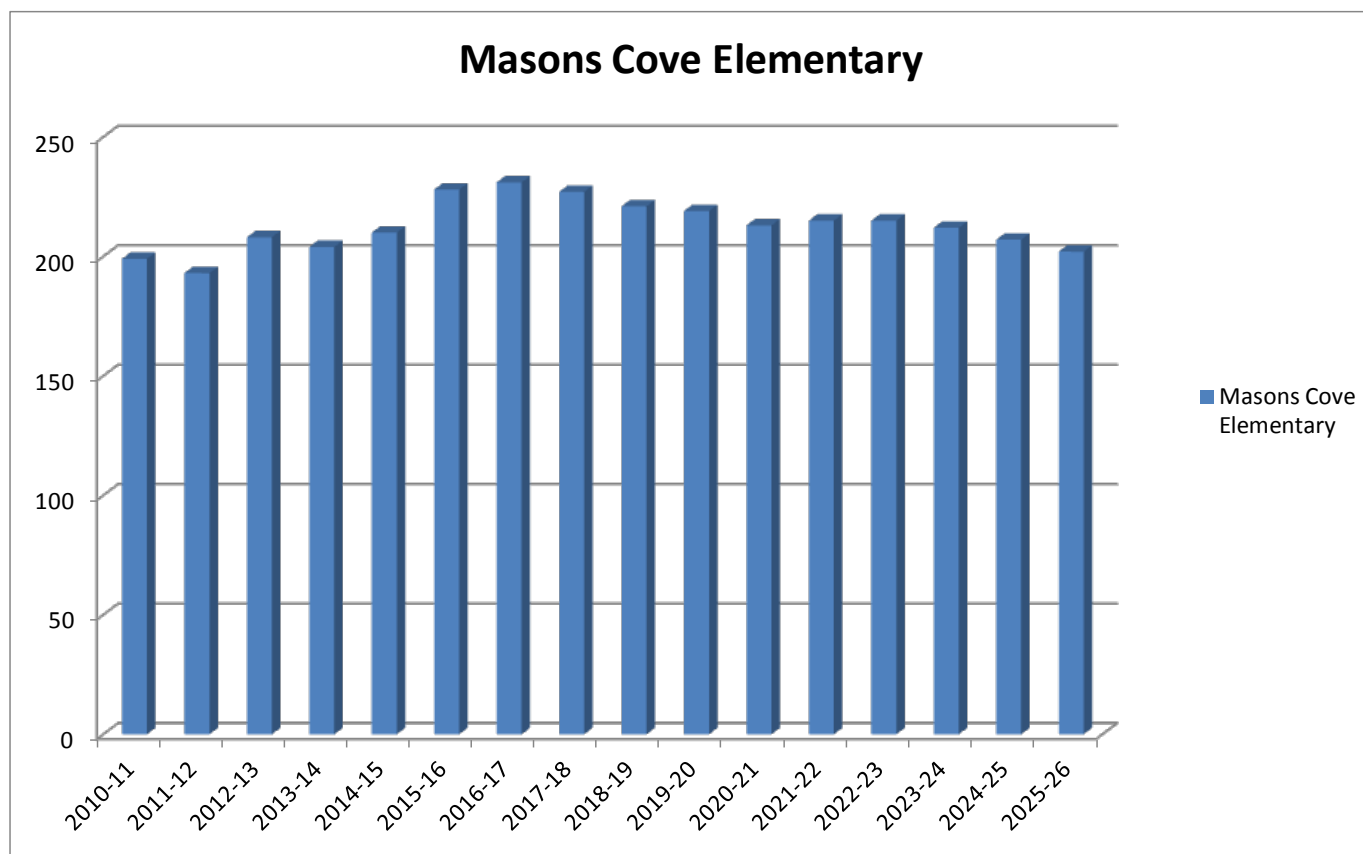
Forecasts Developed January 2016

Green cells (2015-16 and earlier) are historical data

Blue cells (2016-17 and later) are forecasted years

Masons Cove 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	2025-26
Total: Elementary	199	193	208	204	210	228	231	227	221	219	213	215	215	212	207	202
Change		-6	15	-4	6	18	3	-4	-6	-2	-6	2	0	-3	-5	-5
Percent Change		-3.02%	7.77%	-1.92%	2.94%	8.57%	1.32%	-1.73%	-2.64%	-0.90%	-2.74%	0.94%	0.00%	-1.40%	-2.36%	-2.42%





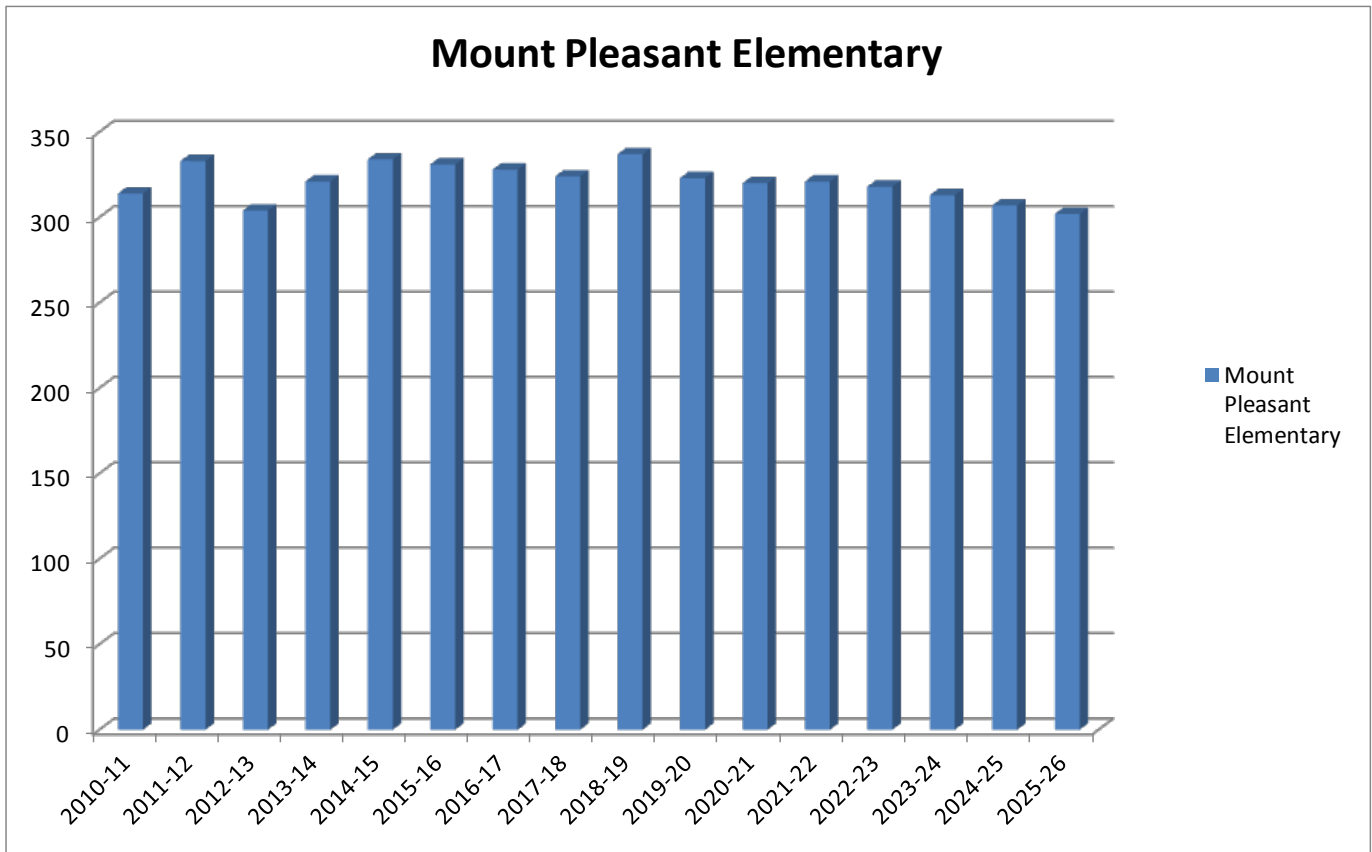
Mount Pleasant Elementary

	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	2025-26
K	50	53	39	59	59	49	50	50	49	49	49	49	47	46	45	46
1	58	61	48	42	65	58	52	53	53	52	52	51	50	48	47	46
2	54	52	57	58	43	67	59	53	54	54	54	54	53	52	50	49
3	51	54	55	55	59	42	68	60	54	55	56	56	56	55	54	52
4	56	52	54	51	57	57	41	67	59	53	54	55	55	55	54	53
5	45	61	51	56	51	58	58	41	68	60	55	56	57	57	57	56
Total	314	333	304	321	334	331	328	324	337	323	320	321	318	313	307	302

Forecasts Developed January 2016
 Green cells (2015-16 and earlier) are historical data
 Blue cells (2016-17 and later) are forecasted years

Mount Pleasant Elementary 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	2025-26
Total: Elementary	314	333	304	321	334	331	328	324	337	323	320	321	318	313	307	302
Change		19	-29	17	13	-3	-3	-4	13	-14	-3	1	-3	-5	-6	-5
Percent Change		6.05%	-8.71%	5.59%	4.05%	-0.90%	-0.91%	-1.22%	4.01%	-4.15%	-0.93%	0.31%	-0.93%	-1.57%	-1.92%	-1.63%





ROANOKE COUNTY PUBLIC SCHOOLS, VA
DEMOGRAPHIC STUDY 2016

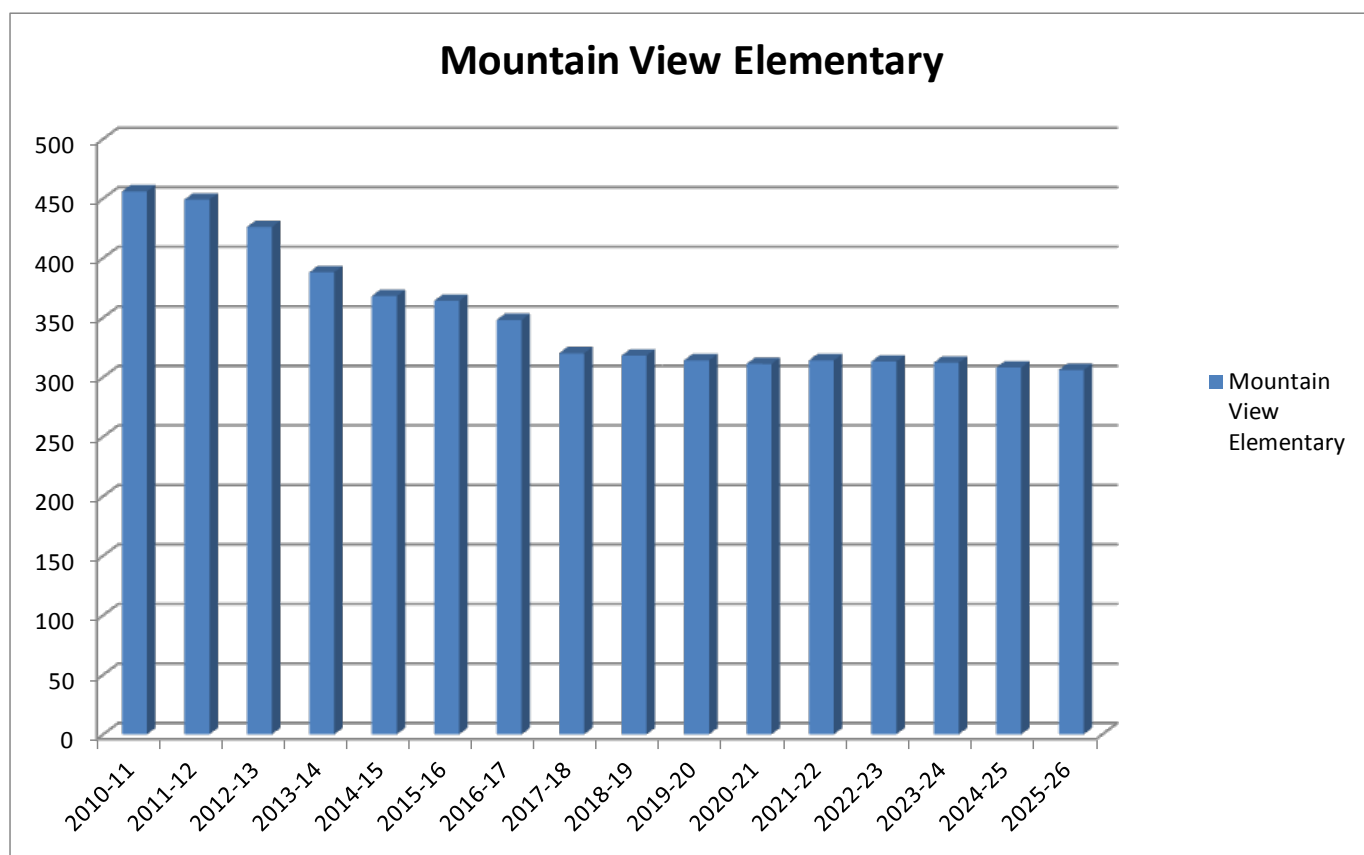
Mountain View Elementary

	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	2025-26
K	81	68	67	46	54	48	51	50	51	50	50	50	49	49	48	49
1	66	67	73	64	50	58	52	53	52	53	52	51	51	50	50	49
2	69	71	59	78	58	57	59	53	54	53	55	54	53	53	52	52
3	82	78	65	63	75	54	55	57	51	52	52	54	53	52	52	51
4	78	84	75	61	62	77	52	53	55	49	51	51	53	52	51	51
5	80	81	87	76	69	70	79	54	55	57	51	54	54	56	55	54
Total	456	449	426	388	368	364	348	320	318	314	311	314	313	312	308	306

Forecasts Developed January 2016
 Green cells (2015-16 and earlier) are historical data
 Blue cells (2016-17 and later) are forecasted years

Mountain View 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	2025-26
Total: Elementary	456	449	426	388	368	364	348	320	318	314	311	314	313	312	308	306
Change		-7	-23	-38	-20	-4	-16	-28	-2	-4	-3	3	-1	-1	-4	-2
Percent Change		-1.54%	-5.12%	-8.92%	-5.15%	-1.09%	-4.40%	-8.05%	-0.63%	-1.26%	-0.96%	0.96%	-0.32%	-0.32%	-1.28%	-0.65%





ROANOKE COUNTY PUBLIC SCHOOLS, VA
DEMOGRAPHIC STUDY 2016

Oak Grove 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	2025-26
K	87	77	78	73	73	68	68	69	68	68	67	66	65	64	63	64
1	78	77	74	78	73	73	69	70	71	70	70	69	68	67	66	65
2	96	65	79	70	75	73	70	66	67	68	68	68	67	66	65	64
3	101	85	64	68	75	74	71	68	64	65	67	67	67	66	65	64
4	81	96	80	62	74	76	75	72	69	65	66	68	68	68	67	66
5	101	81	95	77	64	71	74	74	71	68	64	65	67	67	67	66
Total	544	481	470	428	434	435	427	419	410	404	402	403	402	398	393	389

Forecasts Developed January 2016

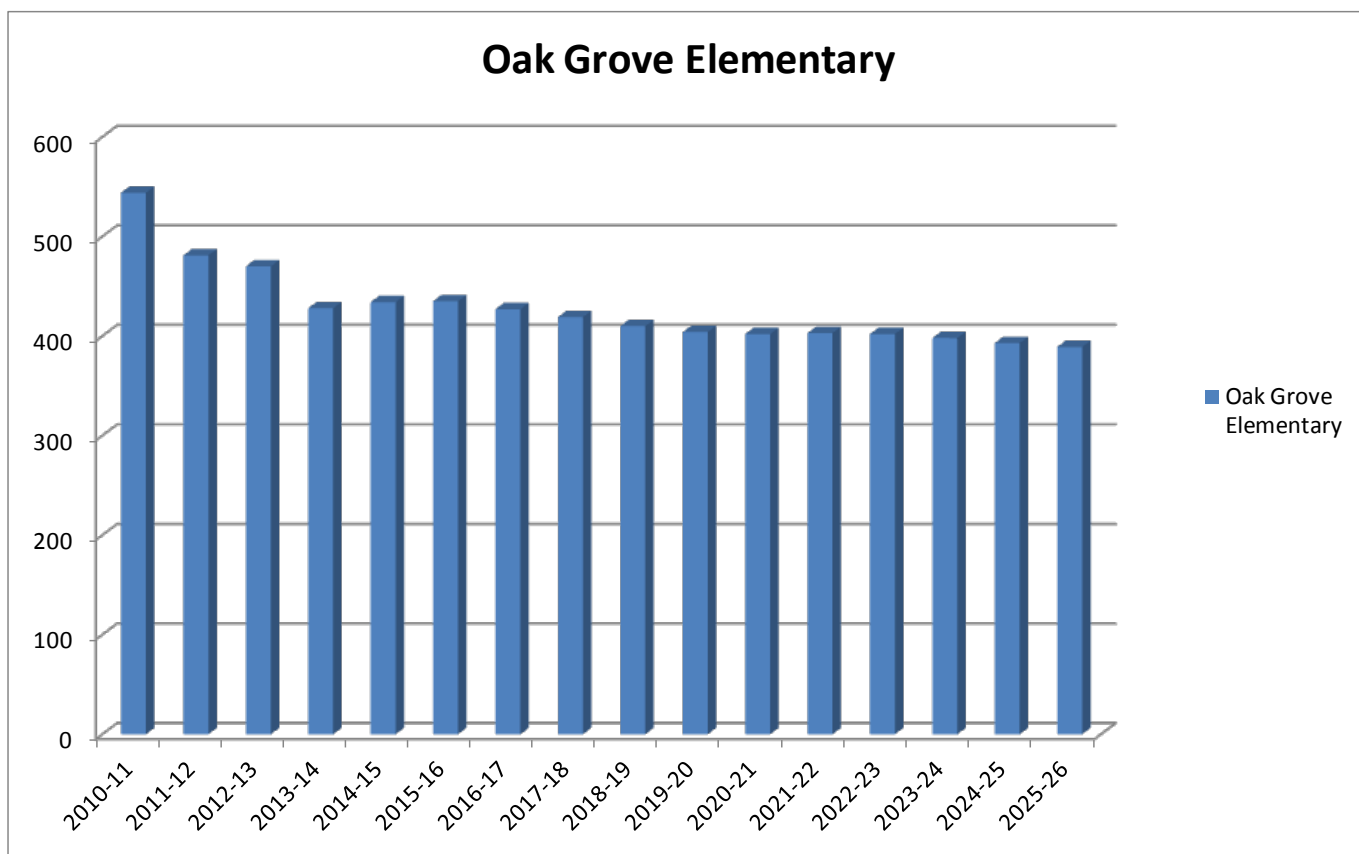
Green cells (2015-16 and earlier) are historical data

Blue cells (2016-17 and later) are forecasted years

Oak Grove Elementary 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	2025-26
Total: Elementary	544	481	470	428	434	435	427	419	410	404	402	403	402	398	393	389
Change		-63	-11	-42	6	1	-8	-8	-9	-6	-2	1	-1	-4	-5	-4
Percent Change		-11.58%	-2.29%	-8.94%	1.40%	0.23%	-1.84%	-1.87%	-2.15%	-1.46%	-0.50%	0.25%	-0.25%	-1.00%	-1.26%	-1.02%

Oak Grove Elementary





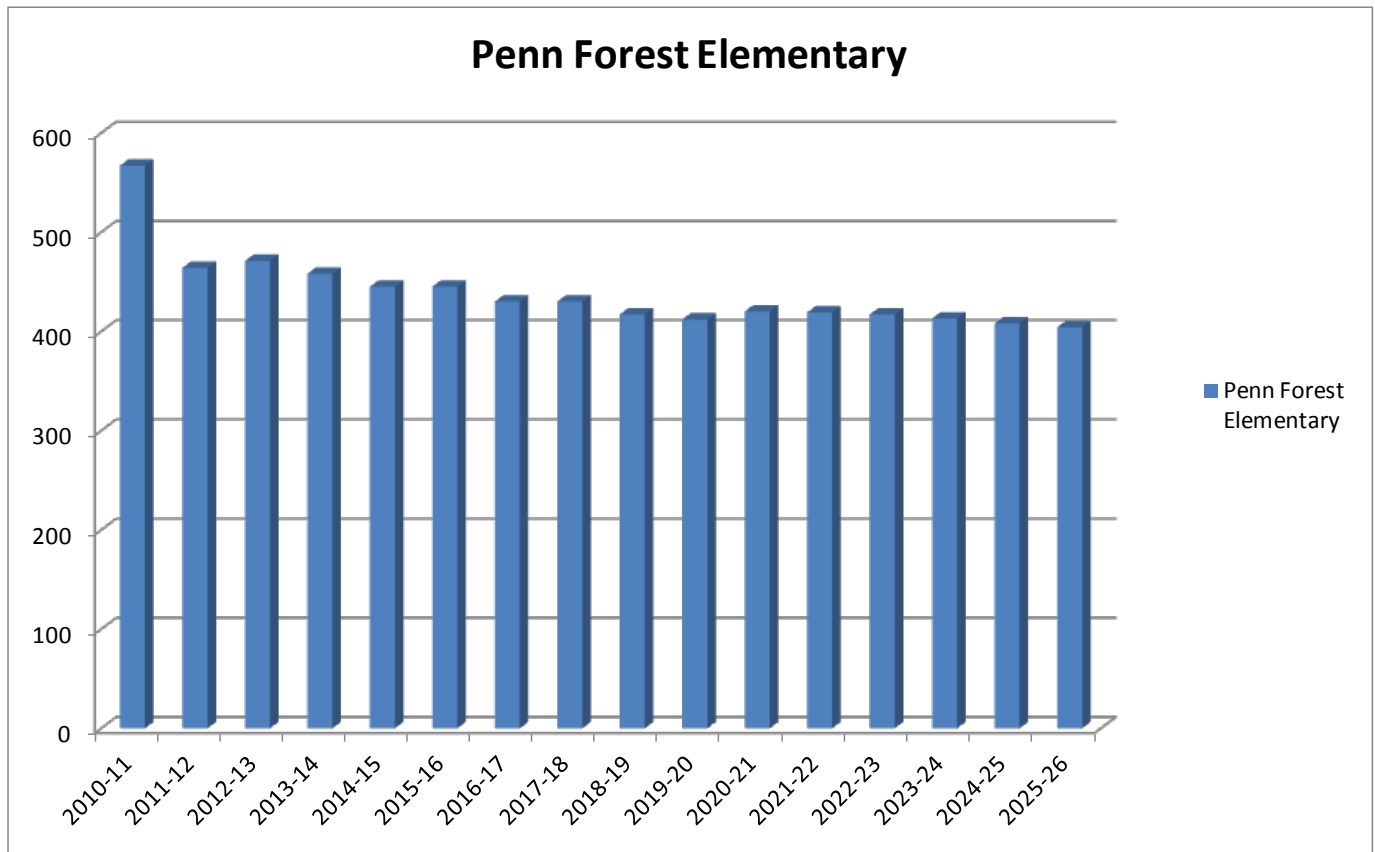
Penn Forest Elementary

	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	2025-26
K	98	63	79	81	64	72	73	73	72	72	69	68	67	66	65	66
1	83	81	66	71	73	62	71	70	70	69	69	68	67	66	65	64
2	86	73	83	73	84	75	63	72	71	71	71	71	70	69	68	67
3	99	77	72	80	69	79	72	60	69	68	69	69	69	68	67	66
4	92	91	79	73	79	70	80	73	61	70	70	71	71	71	70	69
5	109	79	92	80	76	87	71	82	74	62	72	72	73	73	73	72
Total	567	464	471	458	445	445	430	430	417	412	420	419	417	413	408	404

Forecasts Developed January 2016
Green cells (2015-16 and earlier) are historical data
Blue cells (2016-17 and later) are forecasted years

Penn Forest Elementary 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	2025-26
Total: Elementary	567	464	471	458	445	445	430	430	417	412	420	419	417	413	408	404
Change		-103	7	-13	-13	0	-15	0	-13	-5	8	-1	-2	-4	-5	-4
Percent Change		-18.17%	1.51%	-2.76%	-2.84%	0.00%	-3.37%	0.00%	-3.02%	-1.20%	1.94%	-0.24%	-0.48%	-0.96%	-1.21%	-0.98%





W E Cundiff 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	2025-26
K	95	84	82	91	81	84	82	81	80	79	80	79	79	78	78	79
1	76	96	76	86	94	78	86	85	84	83	82	82	81	81	80	80
2	64	77	91	79	91	101	80	88	87	86	86	85	85	84	84	83
3	73	63	83	85	77	88	97	77	84	84	83	83	82	82	81	81
4	79	71	60	91	81	79	89	98	78	85	86	85	85	84	84	83
5	96	73	73	61	90	85	80	90	99	79	87	88	87	87	86	86
Total	483	464	465	493	514	515	514	519	512	496	504	502	499	496	493	492

Forecasts Developed January 2016

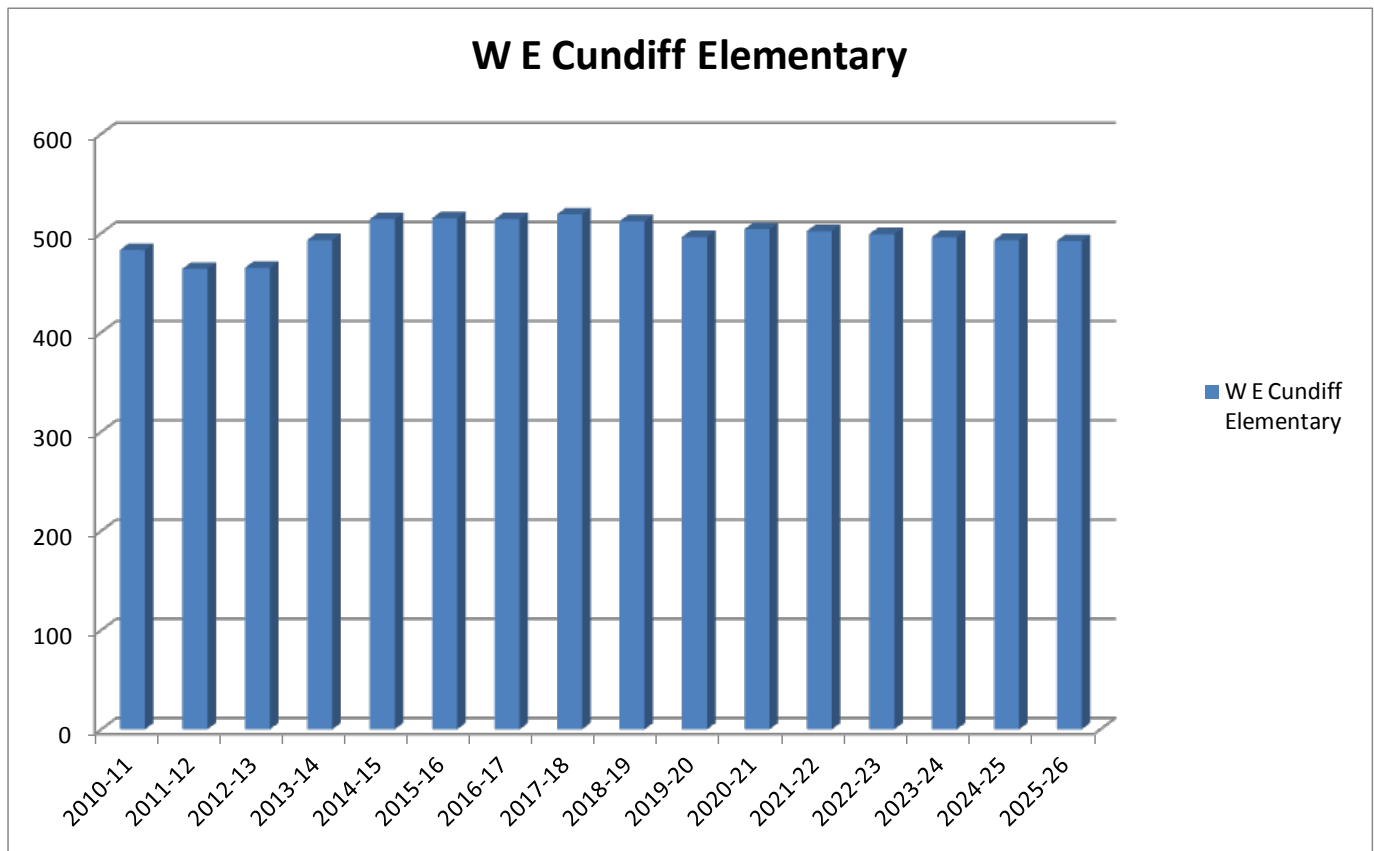
Green cells (2015-16 and earlier) are historical data

Blue cells (2016-17 and later) are forecasted years

W E Cundiff Elementary 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	2025-26
Elementary	483	464	465	493	514	515	514	519	512	496	504	502	499	496	493	492
Change		-19	1	28	21	1	-1	5	-7	-16	8	-2	-3	-3	-3	-1
Percent Change		-3.93%	0.22%	6.02%	4.26%	0.19%	-0.19%	0.97%	-1.35%	-3.13%	1.61%	-0.40%	-0.60%	-0.60%	-0.60%	-0.20%

W E Cundiff Elementary





Cave Spring MS

	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	2025-26
6	214	214	228	256	240	242	255	242	271	254	248	267	268	268	268	266
7	211	218	240	238	258	254	253	266	253	283	267	260	280	281	281	281
8	208	223	250	230	242	273	264	263	277	263	296	279	272	293	294	294
Total	633	655	718	724	740	769	772	771	801	800	811	806	820	842	843	841

Forecasts Developed January 2016

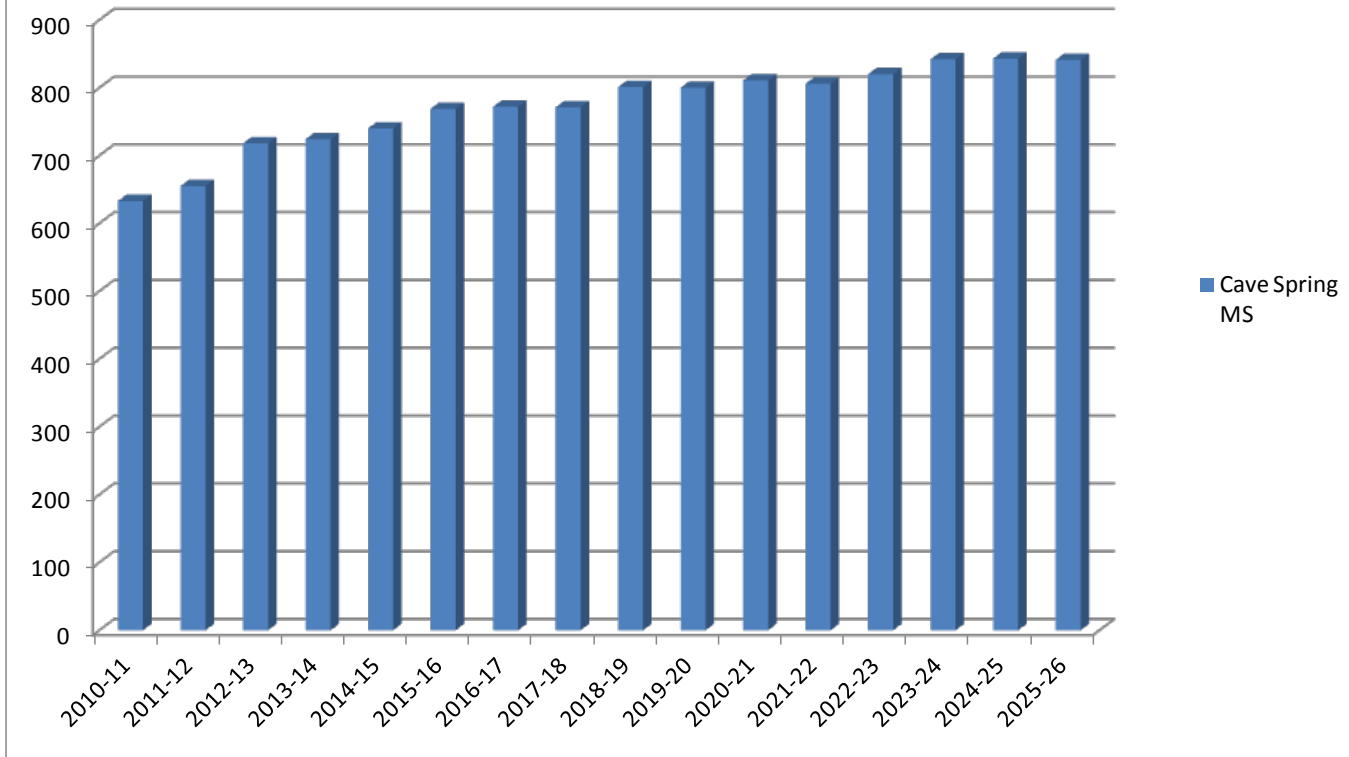
Green cells (2015-16 and earlier) are historical data

Blue cells (2016-17 and later) are forecasted years

Cave Spring MS 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	2025-26
Total: Middle School	633	655	718	724	740	769	772	771	801	800	811	806	820	842	843	841
Change		22	63	6	16	29	3	-1	30	-1	11	-5	14	22	1	-2
Percent Change		3.48%	9.62%	0.84%	2.21%	3.92%	0.39%	-0.13%	3.89%	-0.12%	1.38%	-0.62%	1.74%	2.68%	0.12%	-0.24%

Cave Spring MS





ROANOKE COUNTY PUBLIC SCHOOLS, VA
DEMOGRAPHIC STUDY 2016

Glenvar MS

	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	2025-26
6	139	118	132	138	148	133	157	135	150	144	148	146	153	157	161	161
7	140	144	124	129	142	153	136	160	138	153	148	152	150	157	161	165
8	148	144	142	132	137	148	158	140	165	142	158	153	157	155	162	167
Total	427	406	398	399	427	434	451	435	453	439	454	451	460	469	484	493

Forecasts Developed January 2016

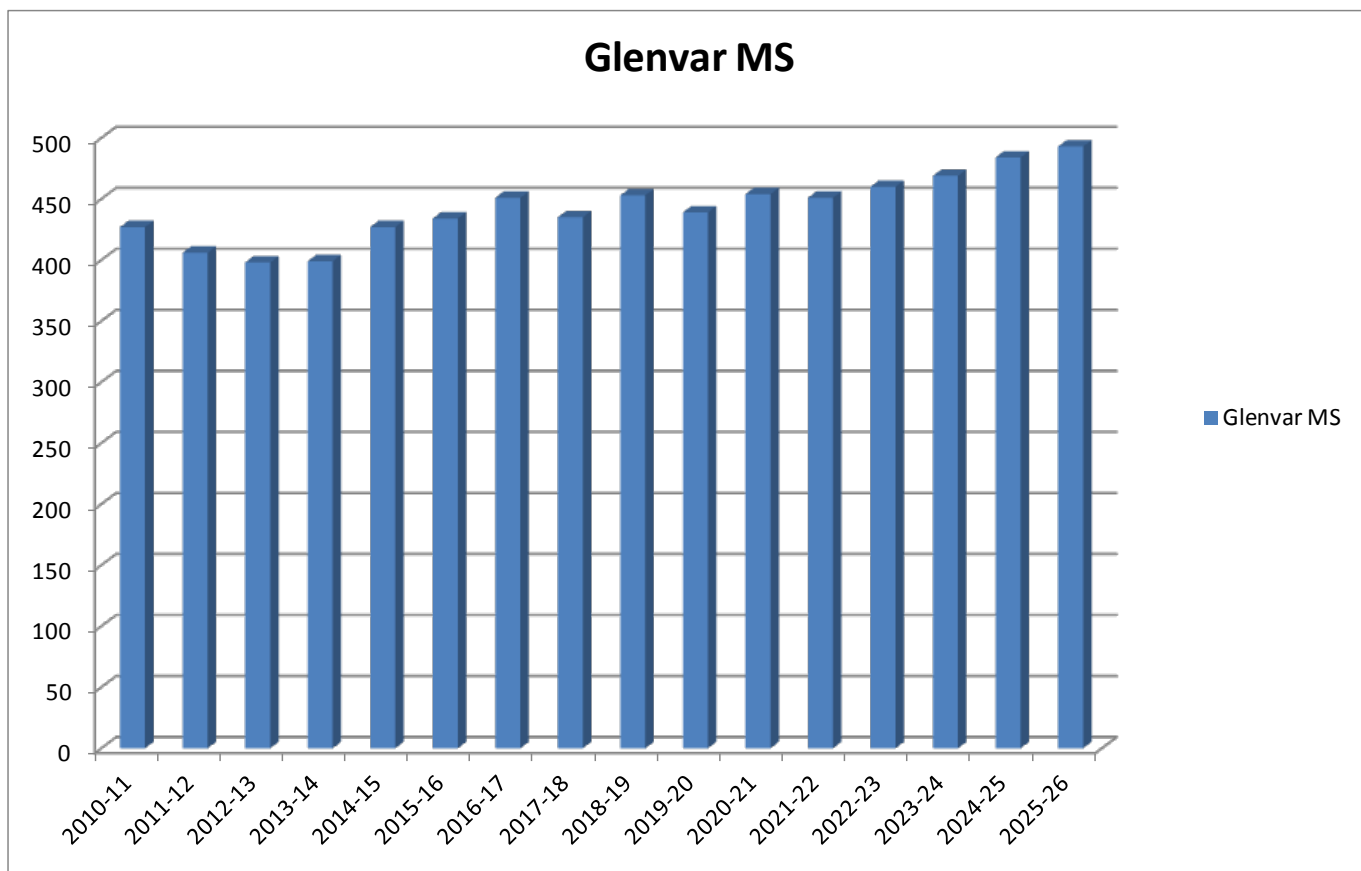
Green cells (2015-16 and earlier) are historical data

Blue cells (2016-17 and later) are forecasted years

Glenvar MS 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	2025-26
Total: Middle School	427	406	398	399	427	434	451	435	453	439	454	451	460	469	484	493
Change		-21	-8	1	28	7	17	-16	18	-14	15	-3	9	9	15	9
Percent Change		-4.92%	-1.97%	0.25%	7.02%	1.64%	3.92%	-3.55%	4.14%	-3.09%	3.42%	-0.66%	2.00%	1.96%	3.20%	1.86%

Glenvar MS



ROANOKE COUNTY PUBLIC SCHOOLS, VA
DEMOGRAPHIC STUDY 2016



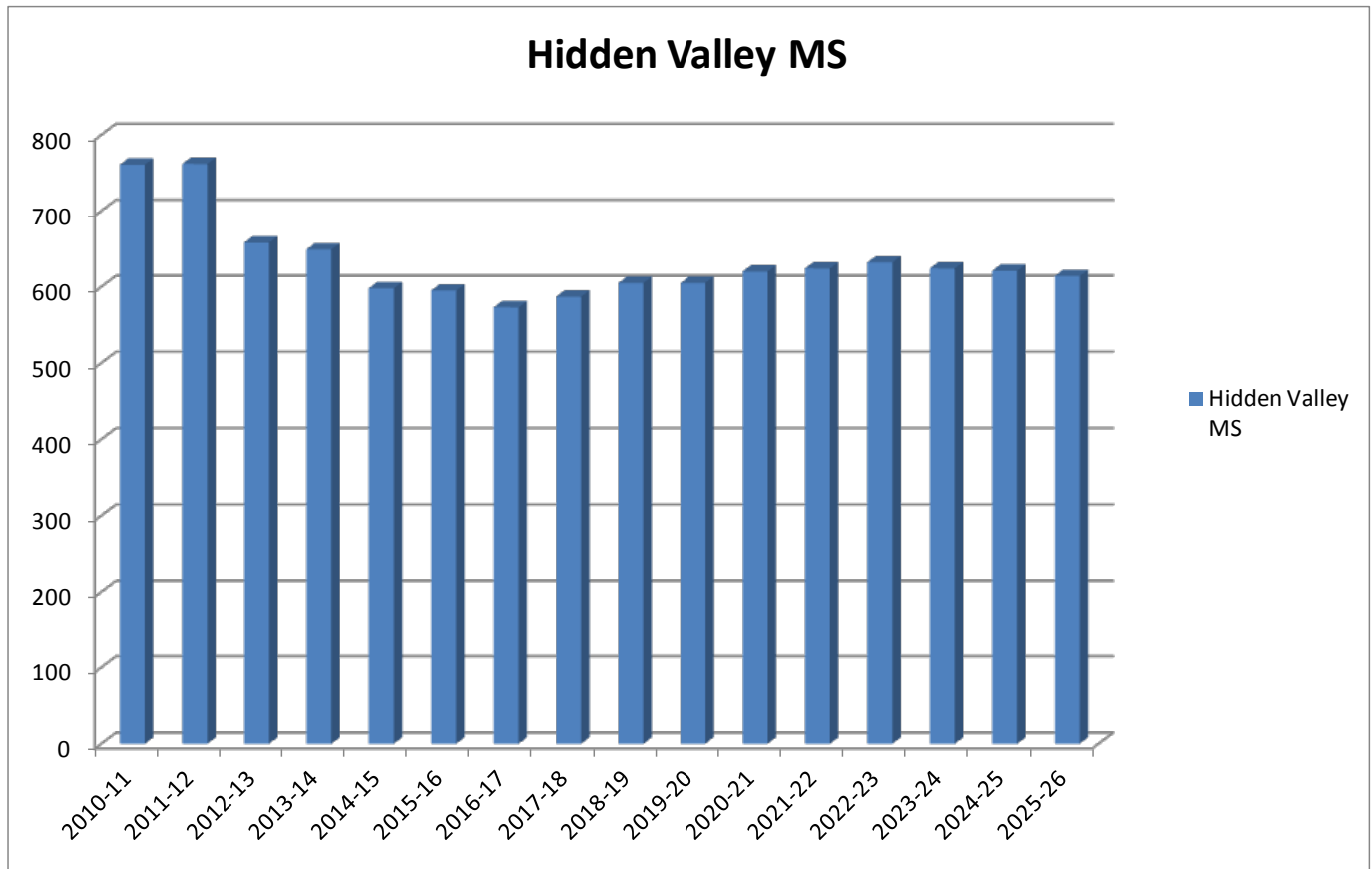
Hidden Valley MS

	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	2025-26
6	259	254	189	217	184	189	203	203	207	203	216	210	211	208	207	205
7	246	255	237	189	221	186	186	200	200	204	201	214	208	209	206	205
8	256	253	232	243	193	220	184	184	198	198	203	200	213	207	208	204
Total	761	762	658	649	598	595	573	587	605	605	620	624	632	624	621	614

Forecasts Developed January 2016
Green cells (2015-16 and earlier) are historical data
Blue cells (2016-17 and later) are forecasted years

Hidden Valley MS

	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	2025-26
Total: Middle School	761	762	658	649	598	595	573	587	605	605	620	624	632	624	621	614
Change		1	-104	-9	-51	-3	-22	14	18	0	15	4	8	-8	-3	-7
Percent Change		0.13%	-13.65%	-1.37%	-7.86%	-0.50%	-3.70%	2.44%	3.07%	0.00%	2.48%	0.65%	1.28%	-1.27%	-0.48%	-1.13%





ROANOKE COUNTY PUBLIC SCHOOLS, VA
DEMOGRAPHIC STUDY 2016

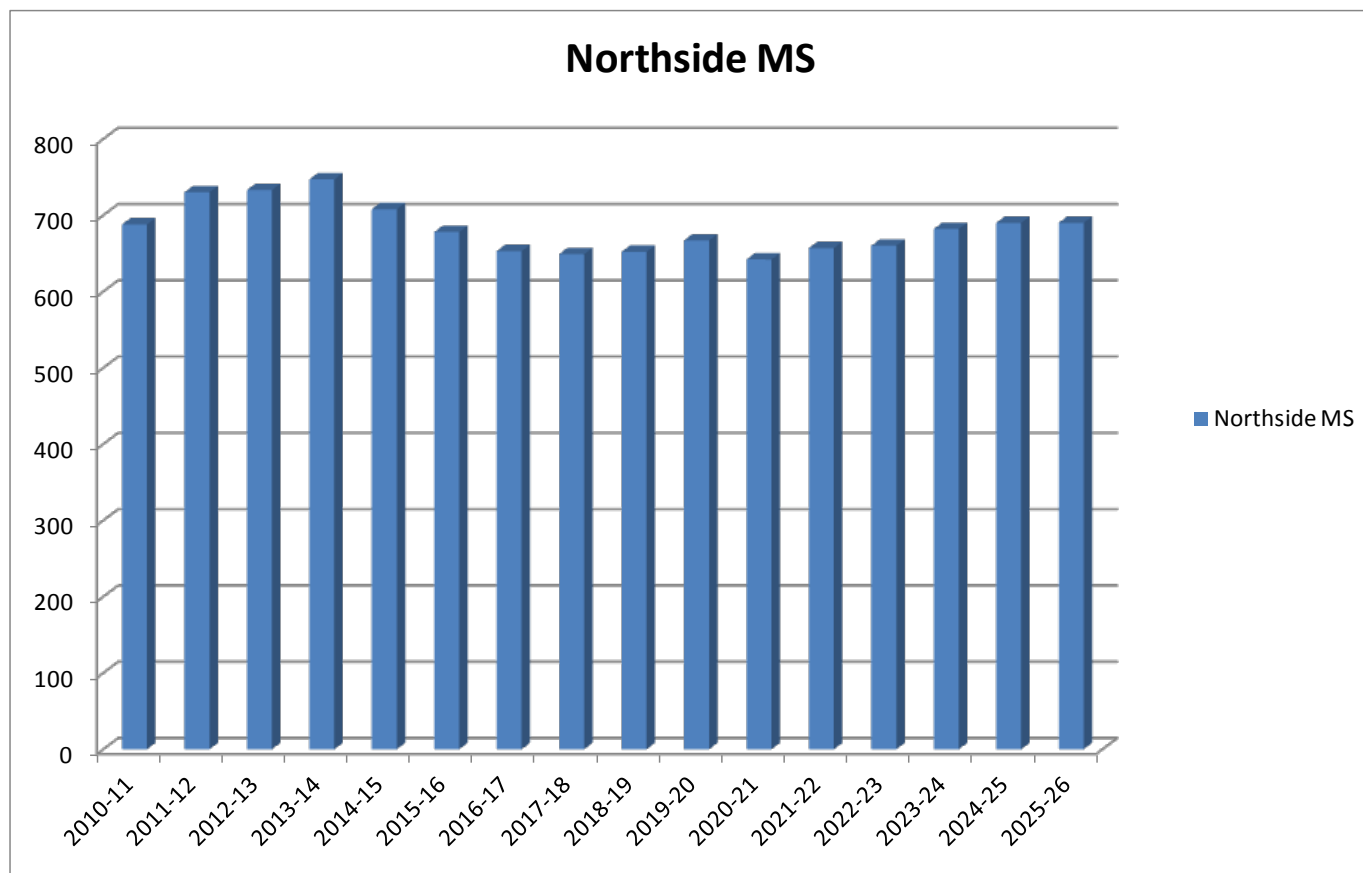
Northside MS

	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	2025-26
6	235	258	236	230	232	204	207	231	207	222	204	220	226	226	227	226
7	231	240	259	241	227	236	206	209	233	209	225	207	223	229	229	230
8	222	232	238	276	249	238	240	209	212	236	213	230	211	227	234	234
Total	688	730	733	747	708	678	653	649	652	667	642	657	660	682	690	690

Forecasts Developed January 2016
Green cells (2015-16 and earlier) are historical data
Blue cells (2016-17 and later) are forecasted years

Northside MS 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	2025-26
Total: Middle School	688	730	733	747	708	678	653	649	652	667	642	657	660	682	690	690
Change		42	3	14	-39	-30	-25	-4	3	15	-25	15	3	22	8	0
Percent Change		6.10%	0.41%	1.91%	-5.22%	-4.24%	-3.69%	-0.61%	0.46%	2.30%	-3.75%	2.34%	0.46%	3.33%	1.17%	0.00%





ROANOKE COUNTY PUBLIC SCHOOLS, VA
DEMOGRAPHIC STUDY 2016

William Byrd MS

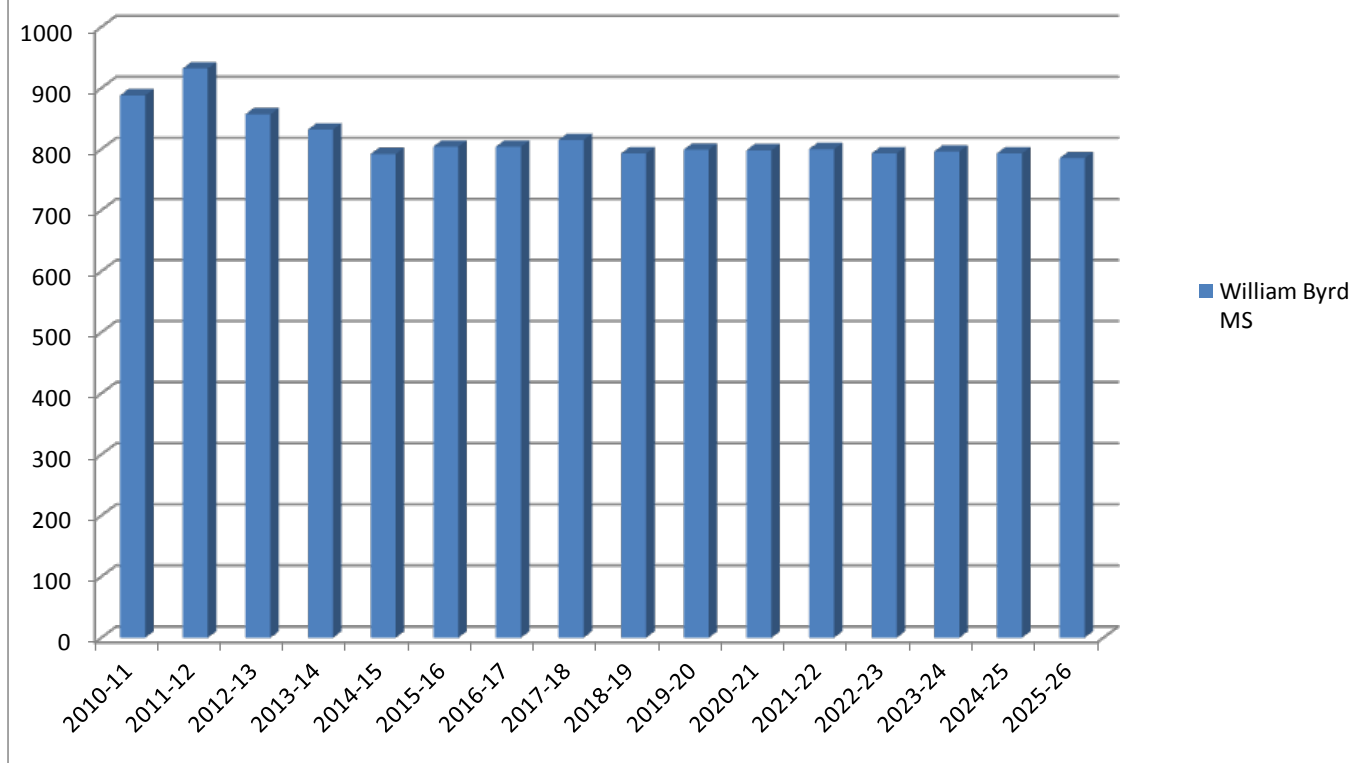
	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
6	293	299	272	261	252	291	270	263	269	276	262	267	267	265	264	261
7	326	294	296	274	266	248	288	267	260	266	273	261	266	266	264	263
8	269	339	289	297	274	265	246	285	264	257	263	272	260	265	265	261
Total	888	932	857	832	792	804	804	815	793	799	798	800	793	796	793	785

Forecasts Developed January 2016
Green cells (2015-16 and earlier) are historical data
Blue cells (2016-17 and later) are forecasted years

William Byrd MS

	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	2025-26
Total: Middle School	888	932	857	832	792	804	804	815	793	799	798	800	793	796	793	785
Change		44	-75	-25	-40	12	0	11	-22	6	-1	2	-7	3	-3	-8
Percent Change		4.95%	-8.05%	-2.92%	-4.81%	1.52%	0.00%	1.37%	-2.70%	0.76%	-0.13%	0.25%	-0.88%	0.38%	-0.38%	-1.01%

William Byrd MS





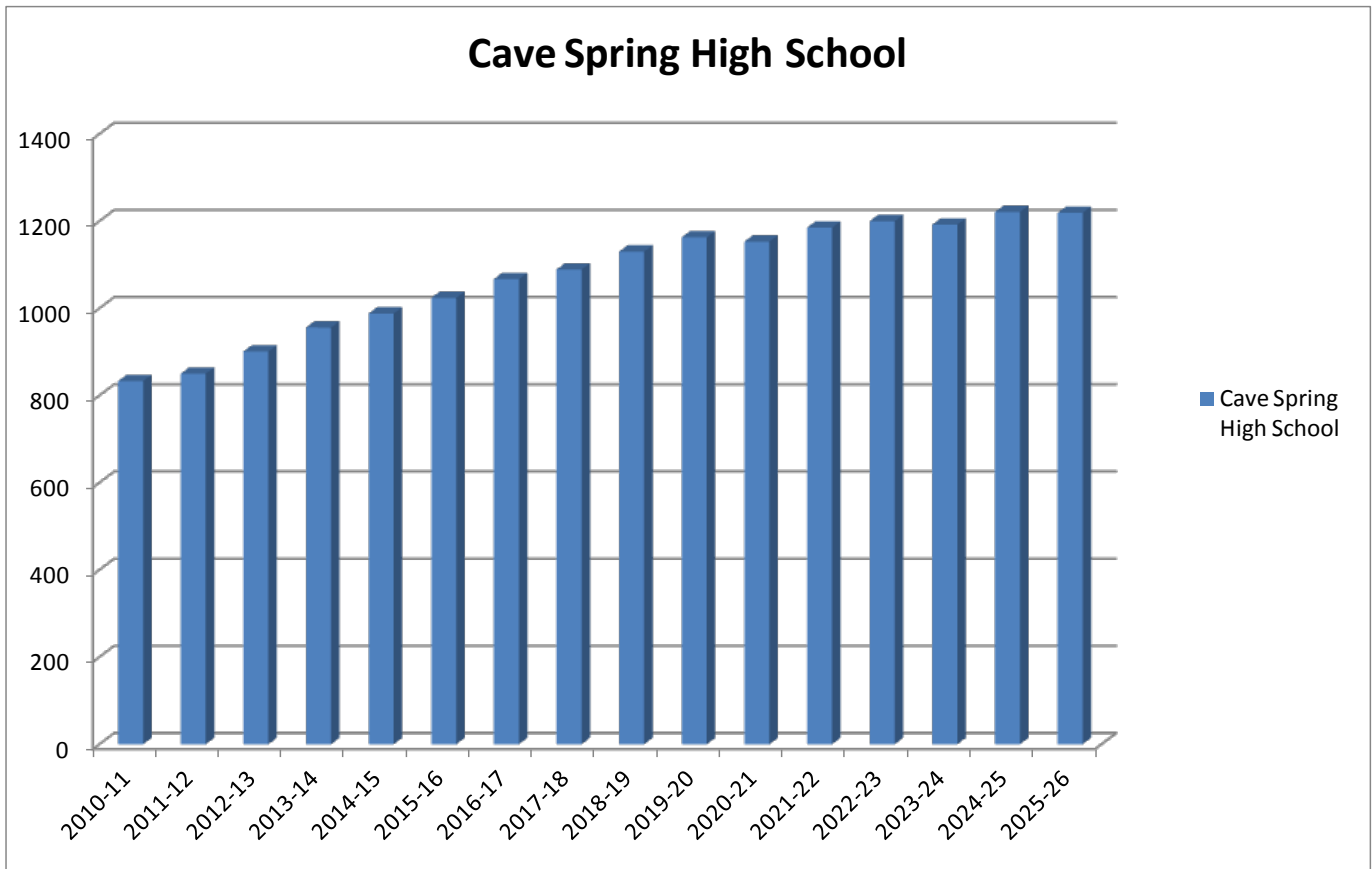
Cave Spring High School

	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	2025-26
9	212	227	261	266	243	268	298	288	287	302	287	320	301	294	316	318
10	198	201	242	253	273	245	269	299	289	288	304	288	322	303	295	318
11	226	205	198	238	240	263	240	264	293	283	282	298	282	316	297	289
12	197	217	200	199	232	248	260	238	261	290	280	279	295	279	313	294
Total	833	850	901	956	988	1024	1067	1089	1130	1163	1153	1185	1200	1192	1221	1219

Forecasts Developed January 2016
 Green cells (2015-16 and earlier) are historical data
 Blue cells (2016-17 and later) are forecasted years

Cave Spring 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	2025-26
Total: High School	833	850	901	956	988	1024	1067	1089	1130	1163	1153	1185	1200	1192	1221	1219
Change		17	51	55	32	36	43	22	41	33	-10	32	15	-8	29	-2
Percent Change		2.04%	6.00%	6.10%	3.35%	3.64%	4.20%	2.06%	3.76%	2.92%	-0.86%	2.78%	1.27%	-0.67%	2.43%	-0.16%





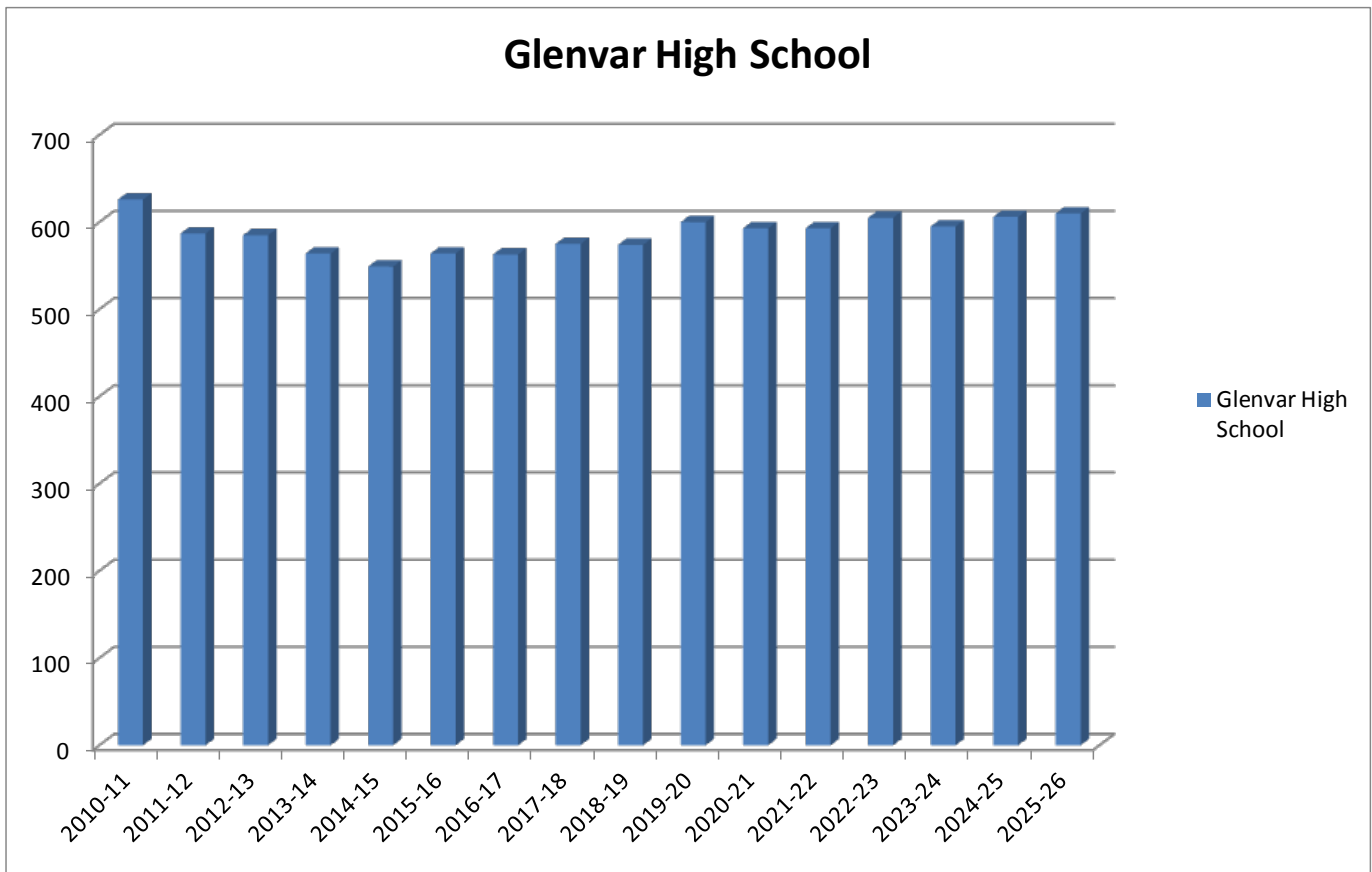
Glenvar High School

	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	2025-26
9	139	136	160	147	143	145	154	164	146	172	148	163	158	162	160	167
10	169	137	123	153	136	137	136	145	154	137	162	139	153	149	152	150
11	155	155	133	121	141	139	133	132	141	149	133	157	135	148	145	147
12	163	159	169	143	129	143	140	134	133	142	150	134	159	136	149	146
Total	626	587	585	564	549	564	563	575	574	600	593	593	605	595	606	610

Forecasts Developed January 2016
 Green cells (2015-16 and earlier) are historical data
 Blue cells (2016-17 and later) are forecasted years

Glenvar High School 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	2025-26
Total: High School	626	587	585	564	549	564	563	575	574	600	593	593	605	595	606	610
Change		-39	-2	-21	-15	15	-1	12	-1	26	-7	0	12	-10	11	4
Percent Change		-6.23%	-0.34%	-3.59%	-2.66%	2.73%	-0.18%	2.13%	-0.17%	4.53%	-1.17%	0.00%	2.02%	-1.65%	1.85%	0.66%





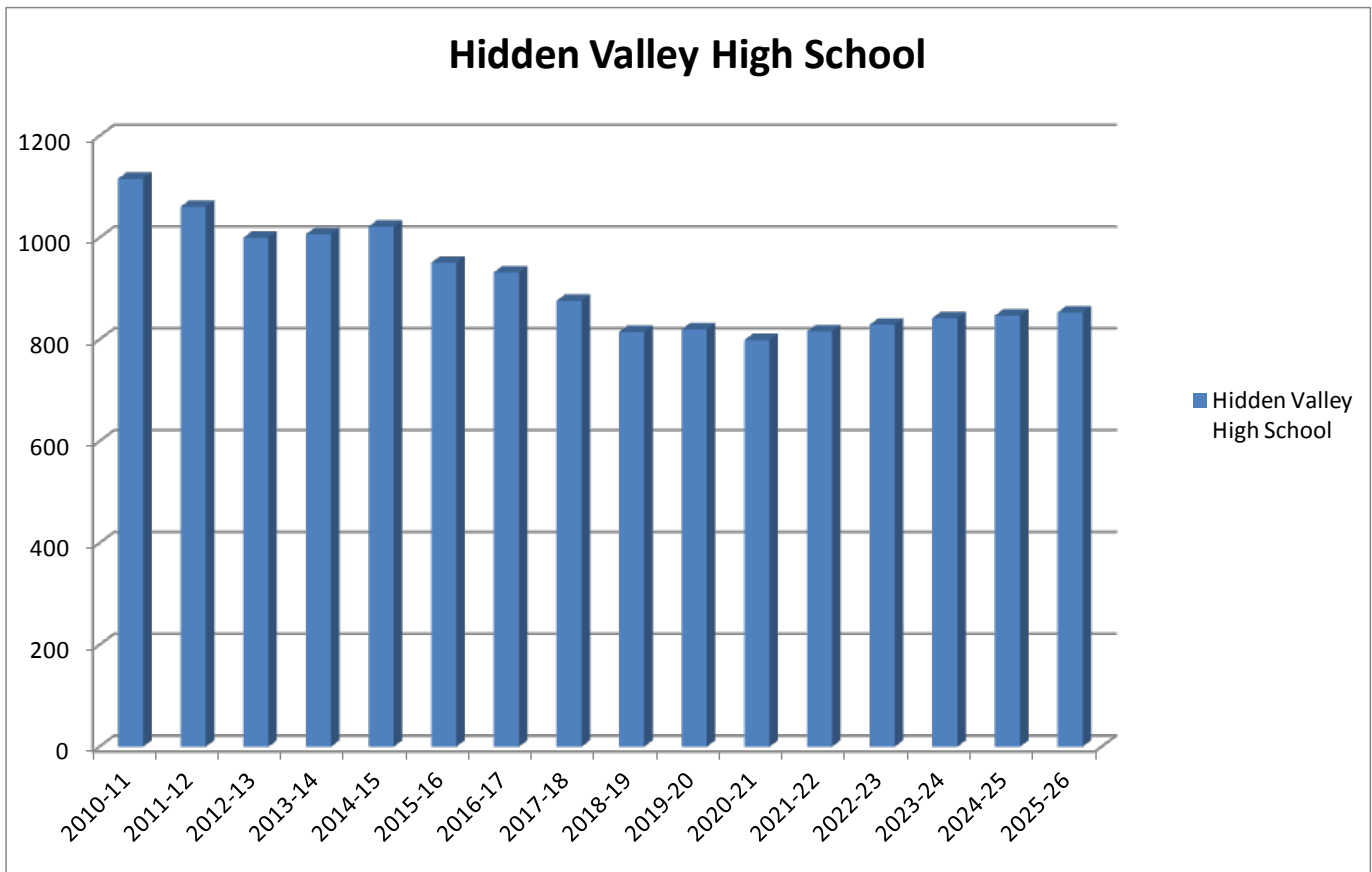
Hidden Valley High School

	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	2025-26
9	270	273	261	249	263	209	239	200	200	215	215	217	214	228	221	223
10	269	263	243	256	255	256	203	232	194	194	209	209	210	208	221	214
11	282	255	252	253	253	245	251	199	227	190	190	205	205	206	204	217
12	295	270	244	249	251	241	239	245	194	221	185	185	200	200	201	199
Total	1116	1061	1000	1007	1022	951	932	876	815	820	799	816	829	842	847	853

Forecasts Developed January 2016
 Green cells (2015-16 and earlier) are historical data
 Blue cells (2016-17 and later) are forecasted years

Hidden Valley High School 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	2025-26
Total: High School	1116	1061	1000	1007	1022	951	932	876	815	820	799	816	829	842	847	853
Change		-55	-61	7	15	-71	-19	-56	-61	5	-21	17	13	13	5	6
Percent Change		-4.93%	-5.75%	0.70%	1.49%	-6.95%	-2.00%	-6.01%	-6.96%	0.61%	-2.56%	2.13%	1.59%	1.57%	0.59%	0.71%





Northside High School

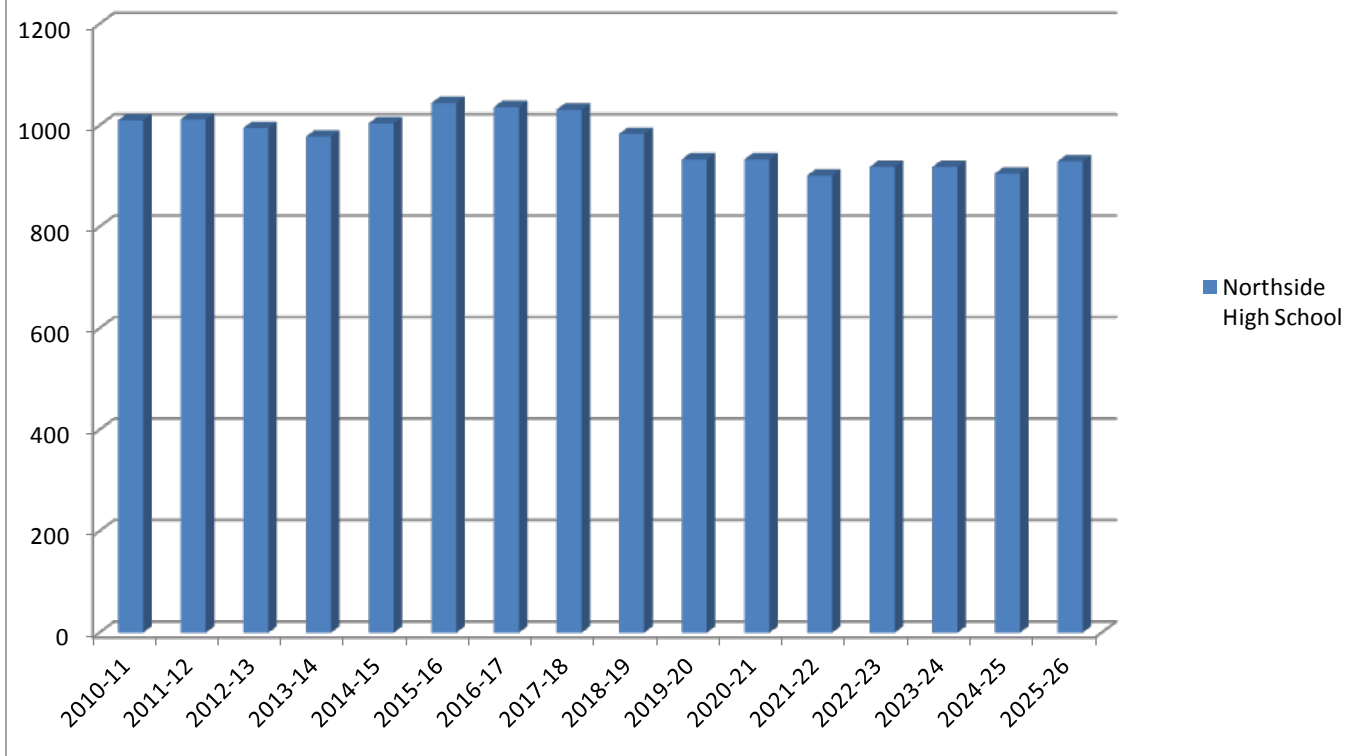
	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
9	256	242	251	268	280	279	255	257	224	227	253	226	244	224	241	248
10	293	258	239	247	251	269	273	250	252	220	222	248	221	239	220	236
11	224	263	232	224	227	239	250	254	233	234	205	206	231	206	222	205
12	237	249	273	239	246	257	258	270	274	252	253	221	222	249	222	240
Total	1010	1012	995	978	1004	1044	1036	1031	983	933	933	901	918	918	905	929

Forecasts Developed January 2016
 Green cells (2015-16 and earlier) are historical data
 Blue cells (2016-17 and later) are forecasted years

Northside High School 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	2025-26
Total: High School	1010	1012	995	978	1004	1044	1036	1031	983	933	933	901	918	918	905	929
Change		2	-17	-17	26	40	-8	-5	-48	-50	0	-32	17	0	-13	24
Percent Change		0.20%	-1.68%	-1.71%	2.66%	3.98%	-0.77%	-0.48%	-4.66%	-5.09%	0.00%	-3.43%	1.89%	0.00%	-1.42%	2.65%

Northside High School





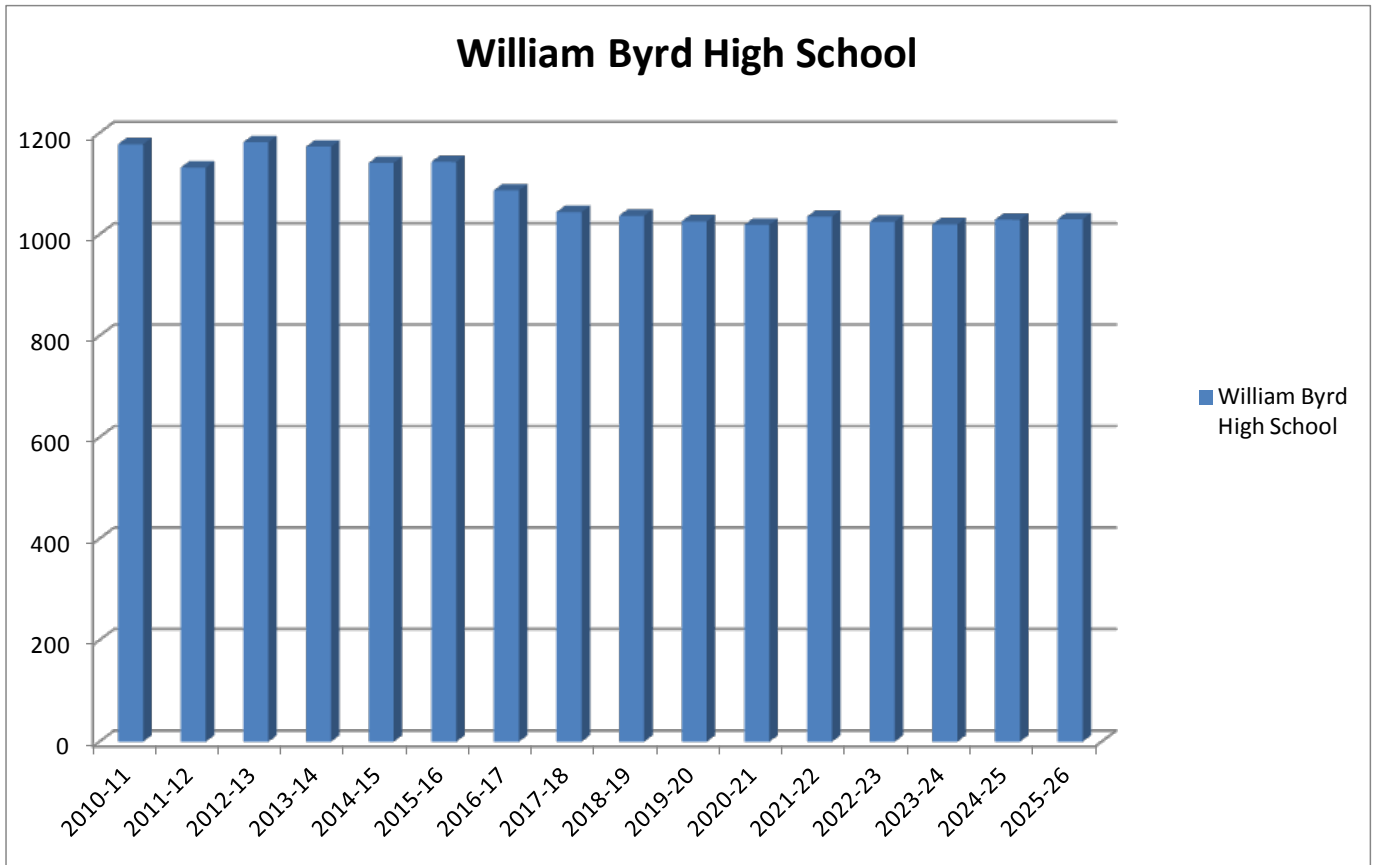
William Byrd High School

	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	2025-26
9	327	269	349	306	306	292	276	256	296	275	267	274	283	270	276	276
10	296	318	259	318	293	291	277	262	243	281	261	254	260	269	257	262
11	269	273	310	249	299	268	274	260	246	231	267	248	241	247	256	244
12	286	272	264	300	243	292	260	266	252	239	224	259	241	234	240	248
Total	1178	1132	1182	1173	1141	1143	1087	1044	1037	1026	1019	1035	1025	1020	1029	1030

Forecasts Developed January 2016
 Green cells (2015-16 and earlier) are historical data
 Blue cells (2016-17 and later) are forecasted years

William Byrd High School 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	2025-26
Total: High School	1178	1132	1182	1173	1141	1143	1087	1044	1037	1026	1019	1035	1025	1020	1029	1030
Change		-46	50	-9	-32	2	-56	-43	-7	-11	-7	16	-10	-5	9	1
Percent Change		-3.90%	4.42%	-0.76%	-2.73%	0.18%	-4.90%	-3.96%	-0.67%	-1.06%	-0.68%	1.57%	-0.97%	-0.49%	0.88%	0.10%





Appendix B: Population Forecasts

Roanoke County Schools

Males	2010	2015	2020	2025
0-4	2,353	2,430	2,330	2,160
5-9	2,773	2,750	2,840	2,690
10-14	3,160	2,820	2,760	2,860
15-19	3,067	2,880	2,520	2,520
20-24	2,066	2,140	2,000	1,750
25-29	2,256	2,280	2,390	2,220
30-34	2,274	2,530	2,540	2,630
35-39	2,828	2,620	2,880	2,830
40-44	3,193	3,020	2,810	3,000
45-49	3,468	3,180	2,950	2,770
50-54	3,580	3,410	3,110	2,910
55-59	3,367	3,470	3,300	3,050
60-64	3,127	3,220	3,320	3,180
65-69	2,166	2,920	2,990	3,070
70-74	1,569	1,950	2,590	2,660
75-79	1,283	1,310	1,610	2,180
80-84	900	980	1,000	1,210
85+	649	750	910	1,020
Total	44,079	44,660	44,850	44,710

Females	2010	2015	2020	2025
0-4	2,252	2,360	2,240	2,070
5-9	2,648	2,650	2,720	2,600
10-14	3,001	2,680	2,670	2,760
15-19	3,083	2,980	2,660	2,650
20-24	2,252	2,250	2,200	1,970
25-29	2,278	2,210	2,250	2,200
30-34	2,441	2,590	2,490	2,500
35-39	3,043	2,830	2,930	2,810
40-44	3,362	3,230	3,000	3,090
45-49	3,735	3,360	3,240	3,010
50-54	3,838	3,710	3,350	3,220
55-59	3,606	3,780	3,640	3,280
60-64	3,413	3,510	3,680	3,560
65-69	2,478	3,260	3,350	3,500
70-74	2,096	2,330	3,040	3,120
75-79	1,793	1,920	2,120	2,780
80-84	1,520	1,480	1,630	1,780
85+	1,458	1,630	2,060	2,350
Total	48,297	48,760	49,270	49,250

Total	2010	2015	2020	2025
0-4	4,605	4,790	4,570	4,230
5-9	5,421	5,400	5,560	5,290
10-14	6,161	5,500	5,430	5,620
15-19	6,150	5,860	5,180	5,170
20-24	4,318	4,390	4,200	3,720
25-29	4,534	4,490	4,640	4,420
30-34	4,715	5,120	5,030	5,130
35-39	5,871	5,450	5,810	5,640
40-44	6,555	6,250	5,810	6,090
45-49	7,203	6,540	6,190	5,780
50-54	7,418	7,120	6,460	6,130
55-59	6,973	7,250	6,940	6,330
60-64	6,540	6,730	7,000	6,740
65-69	4,644	6,180	6,340	6,570
70-74	3,665	4,280	5,630	5,780
75-79	3,076	3,230	3,730	4,960
80-84	2,420	2,460	2,630	2,990
85+	2,107	2,380	2,970	3,370
Total	92,376	93,420	94,120	93,960
Median Age	43.4	44.6	45.7	46.4

	2010 to 2015	2015 to 2020	2020 to 2025
Births	4,020	3,830	3,600
Deaths	4,240	4,670	5,140
Natural Increase	-220	-840	-1,540
Net Migration	1,510	1,450	1,290
Change	1,290	610	-250

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

Back Creek

Males	2010	2015	2020	2025
0-4	100	100	100	90
5-9	151	140	140	130
10-14	205	160	140	140
15-19	174	190	140	120
20-24	66	70	90	60
25-29	69	80	90	100
30-34	65	90	90	100
35-39	141	110	130	130
40-44	154	160	120	140
45-49	171	150	160	120
50-54	254	170	150	150
55-59	210	250	160	150
60-64	178	200	240	160
65-69	107	170	190	220
70-74	76	100	150	170
75-79	47	60	80	130
80-84	29	40	50	60
85+	19	30	30	40
Total	2,214	2,270	2,250	2,210

Females	2010	2015	2020	2025
0-4	102	100	100	90
5-9	138	140	130	130
10-14	171	140	140	140
15-19	158	150	130	130
20-24	49	60	60	50
25-29	75	60	70	70
30-34	80	90	80	80
35-39	148	130	130	110
40-44	179	170	140	150
45-49	212	180	160	140
50-54	209	210	180	160
55-59	205	210	210	170
60-64	160	200	200	200
65-69	110	150	190	190
70-74	78	100	150	180
75-79	49	70	100	130
80-84	34	40	60	80
85+	42	50	60	70
Total	2,198	2,250	2,290	2,270

Total	2010	2015	2020	2025
0-4	201	200	200	180
5-9	289	280	270	260
10-14	375	300	280	280
15-19	332	340	270	250
20-24	115	130	150	110
25-29	144	140	160	170
30-34	145	180	170	180
35-39	289	240	260	240
40-44	334	330	260	290
45-49	382	330	320	260
50-54	463	380	330	310
55-59	415	460	370	320
60-64	338	400	440	360
65-69	216	320	380	410
70-74	153	200	300	350
75-79	96	130	180	260
80-84	63	80	110	140
85+	61	80	90	110
Total	4,412	4,520	4,540	4,480
Median Age	44.7	46.8	48.9	50.3

	2010 to 2015	2015 to 2020	2020 to 2025
Births	150	140	140
Deaths	160	190	230
Natural Increase	-10	-50	-90
Net Migration	90	80	70
Change	80	30	-20

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



Bonsack

Males	2010	2015	2020	2025
0-4	162	140	140	130
5-9	207	180	160	150
10-14	223	210	180	160
15-19	184	200	190	160
20-24	78	90	110	110
25-29	101	100	110	120
30-34	124	120	120	130
35-39	217	150	150	140
40-44	232	230	170	160
45-49	211	240	240	170
50-54	220	210	230	230
55-59	178	210	200	230
60-64	168	170	200	190
65-69	141	160	160	190
70-74	80	130	140	140
75-79	86	70	110	120
80-84	39	70	50	80
85+	30	40	50	50
Total	2,681	2,720	2,710	2,660

Females	2010	2015	2020	2025
0-4	151	140	140	120
5-9	194	170	150	150
10-14	240	200	170	160
15-19	162	210	170	150
20-24	90	70	120	100
25-29	112	110	90	140
30-34	147	130	130	110
35-39	245	180	160	150
40-44	226	260	190	170
45-49	216	230	270	200
50-54	225	210	230	270
55-59	179	220	210	230
60-64	198	170	220	210
65-69	147	190	170	210
70-74	95	140	180	160
75-79	93	90	130	170
80-84	49	80	70	110
85+	35	50	80	100
Total	2,804	2,850	2,880	2,910

Total	2010	2015	2020	2025
0-4	313	280	280	250
5-9	401	350	310	300
10-14	463	410	350	320
15-19	346	410	360	310
20-24	168	160	230	210
25-29	213	210	200	260
30-34	271	250	250	240
35-39	462	330	310	290
40-44	458	490	360	330
45-49	427	470	510	370
50-54	445	420	460	500
55-59	357	430	410	460
60-64	366	340	420	400
65-69	288	350	330	400
70-74	175	270	320	300
75-79	179	160	240	290
80-84	88	150	120	190
85+	65	90	130	150
Total	5,485	5,570	5,590	5,570
Median Age	41.2	43.9	46.4	48.7

	2010 to 2015	2015 to 2020	2020 to 2025
Births	230	230	210
Deaths	200	240	280
Natural Increase	30	-10	-70
Net Migration	50	50	40
Change	80	40	-30

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

Burlington

Males	2010	2015	2020	2025
0-4	180	170	160	140
5-9	196	190	190	170
10-14	199	200	190	190
15-19	215	190	180	180
20-24	158	170	150	150
25-29	189	160	180	150
30-34	161	200	170	190
35-39	171	170	210	180
40-44	197	190	190	220
45-49	203	200	190	190
50-54	240	200	200	190
55-59	272	230	190	190
60-64	241	260	220	190
65-69	153	220	240	200
70-74	148	130	200	210
75-79	115	120	110	170
80-84	94	90	90	90
85+	84	90	90	100
Total	3,216	3,180	3,150	3,100

Females	2010	2015	2020	2025
0-4	161	170	150	130
5-9	168	170	180	170
10-14	198	170	170	180
15-19	194	190	160	160
20-24	177	150	150	130
25-29	185	180	160	150
30-34	197	200	190	170
35-39	187	210	210	200
40-44	221	200	220	220
45-49	227	230	210	230
50-54	265	230	230	210
55-59	259	260	220	220
60-64	261	250	250	220
65-69	199	250	240	240
70-74	181	190	230	220
75-79	179	170	170	210
80-84	217	150	140	140
85+	269	300	290	270
Total	3,744	3,670	3,570	3,470

Total	2010	2015	2020	2025
0-4	340	340	310	270
5-9	364	360	370	340
10-14	396	370	360	370
15-19	409	380	340	340
20-24	335	320	300	280
25-29	373	340	340	300
30-34	358	400	360	360
35-39	359	380	420	380
40-44	418	390	410	440
45-49	430	430	400	420
50-54	505	430	430	400
55-59	531	490	410	410
60-64	502	510	470	410
65-69	352	470	480	440
70-74	329	320	430	430
75-79	294	290	280	380
80-84	311	240	230	230
85+	354	390	380	370
Total	6,960	6,850	6,720	6,570
Median Age	46.5	46.7	46.9	47.4

	2010 to 2015	2015 to 2020	2020 to 2025
Births	320	300	270
Deaths	460	450	450
Natural Increase	-140	-150	-180
Net Migration	40	40	30
Change	-100	-110	-150

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



Cave Springs

Males	2010	2015	2020	2025
0-4	139	170	160	160
5-9	188	210	240	230
10-14	273	200	220	250
15-19	243	250	180	200
20-24	113	100	130	70
25-29	103	120	110	140
30-34	114	140	150	130
35-39	165	160	180	190
40-44	215	190	180	190
45-49	253	210	180	180
50-54	284	250	210	180
55-59	227	280	240	200
60-64	237	220	260	230
65-69	146	210	190	240
70-74	108	120	180	170
75-79	80	90	100	140
80-84	75	60	70	70
85+	58	70	70	70
Total	3,019	3,050	3,050	3,040

Females	2010	2015	2020	2025
0-4	140	170	160	150
5-9	208	210	230	220
10-14	230	220	220	240
15-19	246	210	200	200
20-24	105	100	90	90
25-29	99	120	110	90
30-34	126	140	150	140
35-39	197	170	180	180
40-44	240	220	190	190
45-49	299	240	220	190
50-54	321	300	240	220
55-59	246	320	290	230
60-64	247	240	310	280
65-69	165	230	220	290
70-74	137	150	200	200
75-79	120	120	130	180
80-84	92	100	110	110
85+	64	100	120	140
Total	3,283	3,360	3,370	3,340

Total	2010	2015	2020	2025
0-4	279	340	320	310
5-9	397	420	470	450
10-14	503	420	440	490
15-19	489	460	380	400
20-24	218	200	220	160
25-29	202	240	220	230
30-34	240	280	300	270
35-39	362	330	360	370
40-44	455	410	370	380
45-49	552	450	400	370
50-54	605	550	450	400
55-59	473	600	530	430
60-64	484	460	570	510
65-69	311	440	410	530
70-74	244	270	380	370
75-79	200	210	230	320
80-84	167	160	180	180
85+	122	170	190	210
Total	6,302	6,410	6,420	6,380
Median Age	45.1	46.2	46.6	46.8

	2010 to 2015	2015 to 2020	2020 to 2025
Births	250	240	240
Deaths	290	310	340
Natural Increase	-40	-70	-100
Net Migration	120	100	90
Change	80	30	-10

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

Clearbrook

Males	2010	2015	2020	2025
0-4	111	140	130	110
5-9	142	150	180	160
10-14	143	160	160	190
15-19	176	110	130	140
20-24	115	120	70	90
25-29	129	140	140	90
30-34	115	140	150	150
35-39	156	140	170	170
40-44	160	170	150	170
45-49	210	160	170	150
50-54	258	210	150	160
55-59	234	250	200	150
60-64	206	220	240	190
65-69	133	190	210	220
70-74	117	120	180	190
75-79	89	100	100	150
80-84	52	70	70	80
85+	41	50	60	70
Total	2,586	2,640	2,660	2,630

Females	2010	2015	2020	2025
0-4	117	130	130	110
5-9	134	160	170	160
10-14	159	150	170	180
15-19	129	130	120	150
20-24	116	70	80	80
25-29	157	140	100	100
30-34	125	170	160	110
35-39	165	150	190	180
40-44	171	180	160	210
45-49	238	170	180	160
50-54	259	240	170	180
55-59	235	250	230	170
60-64	232	230	250	230
65-69	146	220	220	240
70-74	143	140	210	210
75-79	115	130	130	190
80-84	102	100	110	110
85+	88	120	130	150
Total	2,831	2,880	2,910	2,920

Total	2010	2015	2020	2025
0-4	228	270	260	220
5-9	276	310	350	320
10-14	302	310	330	370
15-19	305	240	250	290
20-24	231	190	150	170
25-29	287	280	240	190
30-34	240	310	310	260
35-39	322	290	360	350
40-44	330	350	310	380
45-49	448	330	350	310
50-54	517	450	320	340
55-59	469	500	430	320
60-64	438	450	490	420
65-69	279	410	430	460
70-74	259	260	390	400
75-79	204	230	230	340
80-84	153	170	180	190
85+	129	170	190	220
Total	5,417	5,520	5,570	5,550
Median Age	47.1	48.2	48.2	48.6

	2010 to 2015	2015 to 2020	2020 to 2025
Births	250	240	200
Deaths	270	300	340
Natural Increase	-20	-60	-140
Net Migration	140	120	110
Change	120	60	-30

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



ROANOKE COUNTY PUBLIC SCHOOLS, VA
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Fort Lewis

Males	2010	2015	2020	2025
0-4	111	100	100	90
5-9	99	110	100	100
10-14	113	100	110	100
15-19	90	100	90	100
20-24	70	60	70	60
25-29	57	70	60	80
30-34	87	70	90	80
35-39	109	100	90	100
40-44	123	110	100	80
45-49	111	120	110	100
50-54	135	110	120	100
55-59	136	130	110	120
60-64	136	130	130	100
65-69	89	130	120	120
70-74	53	80	120	110
75-79	57	40	70	100
80-84	28	40	30	50
85+	25	30	40	40
Total	1,629	1,630	1,660	1,630

Females	2010	2015	2020	2025
0-4	91	100	90	80
5-9	103	90	90	90
10-14	99	100	90	90
15-19	105	90	90	80
20-24	50	80	60	70
25-29	71	60	80	60
30-34	95	90	70	90
35-39	109	110	100	80
40-44	112	110	110	100
45-49	138	110	110	110
50-54	154	140	110	110
55-59	126	150	130	110
60-64	138	120	150	130
65-69	93	130	120	140
70-74	67	90	130	110
75-79	61	60	80	120
80-84	43	10	50	70
85+	29	40	10	70
Total	1,683	1,680	1,670	1,710

Total	2010	2015	2020	2025
0-4	202	200	190	170
5-9	202	200	190	190
10-14	212	200	200	190
15-19	195	190	180	180
20-24	120	140	130	130
25-29	127	130	140	140
30-34	182	160	160	170
35-39	218	210	190	180
40-44	234	220	210	180
45-49	249	230	220	210
50-54	289	250	230	210
55-59	262	280	240	230
60-64	274	250	280	230
65-69	183	260	240	260
70-74	121	170	250	220
75-79	119	100	150	220
80-84	72	50	80	120
85+	53	70	50	110
Total	3,312	3,310	3,330	3,340
Median Age	44.2	45.1	46.7	48.3

	2010 to 2015	2015 to 2020	2020 to 2025
Births	130	130	120
Deaths	140	170	190
Natural Increase	-10	-40	-70
Net Migration	50	50	40
Change	40	10	-30

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

Glen Cove

Males	2010	2015	2020	2025
0-4	174	210	200	170
5-9	209	180	230	220
10-14	220	210	180	230
15-19	224	200	180	160
20-24	133	180	140	130
25-29	156	160	220	170
30-34	185	180	200	250
35-39	200	200	190	210
40-44	249	210	210	200
45-49	236	250	210	210
50-54	227	230	250	210
55-59	252	220	220	240
60-64	226	240	210	220
65-69	144	210	210	180
70-74	101	130	180	180
75-79	81	80	110	150
80-84	59	60	60	80
85+	44	50	60	70
Total	3,122	3,200	3,260	3,280

Females	2010	2015	2020	2025
0-4	183	200	190	170
5-9	182	190	220	210
10-14	215	180	190	220
15-19	219	200	160	170
20-24	129	170	130	100
25-29	179	160	210	160
30-34	206	210	190	240
35-39	207	220	220	210
40-44	231	210	230	230
45-49	271	230	220	240
50-54	285	270	230	220
55-59	306	280	260	230
60-64	256	300	270	260
65-69	169	250	270	250
70-74	141	160	220	240
75-79	123	130	150	200
80-84	99	100	110	120
85+	72	110	130	150
Total	3,471	3,570	3,600	3,620

Total	2010	2015	2020	2025
0-4	357	410	390	340
5-9	392	370	450	430
10-14	435	390	370	450
15-19	443	400	340	330
20-24	262	350	270	230
25-29	335	320	430	330
30-34	392	390	390	490
35-39	407	420	410	420
40-44	480	420	440	430
45-49	507	480	430	450
50-54	512	500	480	430
55-59	558	500	480	470
60-64	482	540	480	480
65-69	313	460	480	430
70-74	242	290	400	420
75-79	204	210	260	350
80-84	158	160	170	200
85+	116	160	190	220
Total	6,593	6,770	6,860	6,900
Median Age	42.9	44.0	44.3	45.0

	2010 to 2015	2015 to 2020	2020 to 2025
Births	380	340	300
Deaths	280	320	350
Natural Increase	100	20	-50
Net Migration	90	130	110
Change	190	150	60

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



ROANOKE COUNTY PUBLIC SCHOOLS, VA
DEMOGRAPHIC STUDY 2016

Glenvar

Males	2010	2015	2020	2025
0-4	148	170	170	160
5-9	157	180	200	190
10-14	205	160	180	200
15-19	206	180	130	150
20-24	246	150	120	90
25-29	242	260	190	180
30-34	239	270	280	210
35-39	277	260	290	300
40-44	293	290	270	300
45-49	312	290	280	270
50-54	282	310	280	280
55-59	254	270	300	280
60-64	209	240	260	290
65-69	166	200	230	230
70-74	102	150	160	200
75-79	94	90	110	130
80-84	76	70	70	80
85+	61	10	70	70
Total	3,567	3,550	3,590	3,610

Females	2010	2015	2020	2025
0-4	124	160	160	160
5-9	160	150	190	180
10-14	179	160	150	190
15-19	212	150	130	130
20-24	132	160	100	90
25-29	141	150	190	150
30-34	158	170	170	220
35-39	227	190	190	190
40-44	253	240	200	210
45-49	280	250	240	200
50-54	231	280	250	240
55-59	238	230	270	240
60-64	216	230	220	270
65-69	173	210	220	200
70-74	171	160	180	200
75-79	173	160	140	160
80-84	156	150	130	110
85+	227	10	240	240
Total	3,450	3,210	3,370	3,380

Total	2010	2015	2020	2025
0-4	272	330	330	320
5-9	318	330	390	370
10-14	384	320	330	390
15-19	418	330	260	280
20-24	378	310	220	180
25-29	383	410	380	330
30-34	396	440	450	430
35-39	504	450	480	490
40-44	546	530	470	510
45-49	592	540	520	470
50-54	513	590	530	520
55-59	492	500	570	520
60-64	425	470	480	560
65-69	339	410	450	430
70-74	272	310	340	400
75-79	266	250	250	290
80-84	231	220	200	190
85+	288	20	310	310
Total	7,017	6,760	6,960	6,990
Median Age	44.2	44.3	46.6	47.1

	2010 to 2015	2015 to 2020	2020 to 2025
Births	250	250	260
Deaths	390	400	410
Natural Increase	-140	-150	-150
Net Migration	140	130	110
Change	0	-20	-40

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

Green Valley

Males	2010	2015	2020	2025
0-4	203	250	240	230
5-9	205	250	290	280
10-14	222	200	250	290
15-19	243	250	230	270
20-24	232	290	290	270
25-29	306	250	300	300
30-34	264	270	220	270
35-39	235	230	240	190
40-44	249	220	220	230
45-49	288	250	210	210
50-54	266	280	240	210
55-59	255	260	270	240
60-64	238	240	250	260
65-69	149	220	230	230
70-74	120	120	190	190
75-79	85	100	100	160
80-84	84	60	80	80
85+	68	80	70	80
Total	3,713	3,820	3,920	3,990

Females	2010	2015	2020	2025
0-4	205	240	230	220
5-9	213	250	280	270
10-14	226	210	250	280
15-19	248	260	240	270
20-24	310	290	300	280
25-29	298	320	310	310
30-34	268	270	300	280
35-39	273	240	240	270
40-44	289	260	220	230
45-49	295	290	260	220
50-54	327	290	280	250
55-59	294	320	290	280
60-64	274	290	310	280
65-69	179	260	270	300
70-74	151	160	240	250
75-79	142	140	140	220
80-84	165	120	120	120
85+	140	190	200	200
Total	4,296	4,400	4,480	4,530

Total	2010	2015	2020	2025
0-4	408	490	470	450
5-9	418	500	570	550
10-14	448	410	500	570
15-19	491	510	470	540
20-24	542	580	590	550
25-29	604	570	610	610
30-34	532	540	520	550
35-39	507	470	480	460
40-44	538	480	440	460
45-49	583	540	470	430
50-54	594	570	520	460
55-59	549	580	560	520
60-64	512	530	560	540
65-69	328	480	500	530
70-74	270	280	430	440
75-79	226	240	240	380
80-84	249	180	200	200
85+	208	270	270	280
Total	8,008	8,220	8,400	8,520
Median Age	40.5	40.4	39.9	39.8

	2010 to 2015	2015 to 2020	2020 to 2025
Births	430	420	400
Deaths	370	380	400
Natural Increase	60	40	0
Net Migration	150	140	120
Change	210	180	120

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



Herman Horn

Males	2010	2015	2020	2025
0-4	175	170	170	160
5-9	187	180	180	170
10-14	190	190	180	180
15-19	212	180	180	180
20-24	185	200	170	170
25-29	195	180	200	170
30-34	164	210	190	210
35-39	195	170	220	200
40-44	214	200	180	220
45-49	237	210	190	170
50-54	199	230	210	190
55-59	169	190	230	200
60-64	178	160	180	220
65-69	118	170	150	170
70-74	79	110	150	140
75-79	54	70	90	130
80-84	32	40	50	70
85+	35	30	40	50
Total	2,819	2,890	2,960	3,000

Females	2010	2015	2020	2025
0-4	180	170	160	150
5-9	183	180	170	160
10-14	218	180	180	170
15-19	182	210	180	180
20-24	182	170	200	170
25-29	201	180	170	200
30-34	194	220	190	180
35-39	203	200	230	200
40-44	243	210	210	230
45-49	223	240	210	210
50-54	236	220	240	200
55-59	200	230	220	240
60-64	191	190	230	210
65-69	131	180	190	220
70-74	125	120	170	180
75-79	100	110	110	160
80-84	57	90	100	100
85+	52	70	90	120
Total	3,101	3,170	3,250	3,280

Total	2010	2015	2020	2025
0-4	355	340	330	310
5-9	370	360	350	330
10-14	408	370	360	350
15-19	395	390	360	360
20-24	367	370	370	340
25-29	396	360	370	370
30-34	359	430	380	390
35-39	398	370	450	400
40-44	457	410	390	450
45-49	460	450	400	380
50-54	434	450	450	390
55-59	368	420	450	440
60-64	369	350	410	430
65-69	249	350	340	390
70-74	204	230	320	320
75-79	155	180	200	290
80-84	89	130	150	170
85+	87	100	130	170
Total	5,920	6,060	6,210	6,280
Median Age	38.9	40.5	41.7	43.2

	2010 to 2015	2015 to 2020	2020 to 2025
Births	320	310	290
Deaths	200	240	280
Natural Increase	120	70	10
Net Migration	50	50	40
Change	170	120	50

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

Masons Cove

Males	2010	2015	2020	2025
0-4	99	80	80	80
5-9	95	110	100	100
10-14	95	90	110	100
15-19	113	90	90	110
20-24	94	90	80	80
25-29	95	110	100	90
30-34	82	110	120	110
35-39	106	100	120	130
40-44	119	100	100	120
45-49	144	120	100	90
50-54	160	140	120	100
55-59	167	160	140	110
60-64	135	160	150	130
65-69	111	130	150	140
70-74	62	100	110	140
75-79	49	50	80	100
80-84	24	40	40	60
85+	14	20	30	40
Total	1,764	1,800	1,820	1,830

Females	2010	2015	2020	2025
0-4	76	80	80	70
5-9	76	90	90	90
10-14	95	80	90	90
15-19	115	90	70	80
20-24	69	90	80	60
25-29	84	80	100	90
30-34	72	100	100	110
35-39	102	90	110	110
40-44	128	100	90	110
45-49	156	130	100	90
50-54	181	150	130	100
55-59	168	180	150	120
60-64	118	160	170	150
65-69	103	110	160	170
70-74	75	100	110	150
75-79	50	70	90	100
80-84	33	40	60	80
85+	30	40	50	70
Total	1,731	1,780	1,830	1,840

Total	2010	2015	2020	2025
0-4	175	160	160	150
5-9	171	200	190	190
10-14	190	170	200	190
15-19	228	180	160	190
20-24	163	180	160	140
25-29	179	190	200	180
30-34	154	210	220	220
35-39	208	190	230	240
40-44	247	200	190	230
45-49	300	250	200	180
50-54	341	290	250	200
55-59	335	340	290	230
60-64	253	320	320	280
65-69	214	240	310	310
70-74	137	200	220	290
75-79	99	120	170	200
80-84	57	80	100	140
85+	44	60	80	110
Total	3,495	3,580	3,650	3,670
Median Age	45.6	47.2	47.9	47.9

	2010 to 2015	2015 to 2020	2020 to 2025
Births	150	150	140
Deaths	140	170	200
Natural Increase	10	-20	-60
Net Migration	80	70	70
Change	90	50	10

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



Mount Pleasant

Males	2010	2015	2020	2025
0-4	105	100	90	80
5-9	127	140	120	110
10-14	143	130	130	120
15-19	135	130	120	120
20-24	82	90	100	80
25-29	84	90	100	100
30-34	94	100	100	110
35-39	131	110	110	110
40-44	155	130	110	110
45-49	178	150	130	110
50-54	158	170	150	130
55-59	163	150	170	150
60-64	127	160	150	160
65-69	127	120	150	140
70-74	77	120	110	130
75-79	60	60	100	90
80-84	38	50	50	70
85+	19	30	40	50
Total	2,004	2,030	2,030	1,970

Females	2010	2015	2020	2025
0-4	89	90	80	80
5-9	104	120	120	110
10-14	119	100	120	120
15-19	104	110	90	110
20-24	67	60	70	60
25-29	89	70	70	80
30-34	121	100	80	80
35-39	152	140	120	100
40-44	143	150	140	120
45-49	170	140	150	140
50-54	164	170	140	150
55-59	173	160	170	140
60-64	163	170	160	160
65-69	123	160	160	150
70-74	98	120	150	150
75-79	70	90	110	140
80-84	46	60	80	90
85+	36	50	70	90
Total	2,034	2,060	2,080	2,070

Total	2010	2015	2020	2025
0-4	195	190	170	160
5-9	232	260	240	220
10-14	262	230	250	240
15-19	239	240	210	230
20-24	149	150	170	140
25-29	173	160	170	180
30-34	215	200	180	190
35-39	284	250	230	210
40-44	298	280	250	230
45-49	348	290	280	250
50-54	322	340	290	280
55-59	336	310	340	290
60-64	290	330	310	320
65-69	251	280	310	290
70-74	175	240	260	280
75-79	130	150	210	230
80-84	85	110	130	160
85+	56	80	110	140
Total	4,038	4,090	4,110	4,040
Median Age	44.5	46.5	48.3	49.4

	2010 to 2015	2015 to 2020	2020 to 2025
Births	160	140	130
Deaths	170	200	230
Natural Increase	-10	-60	-100
Net Migration	60	50	50
Change	50	-10	-50

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

Mountain View

Males	2010	2015	2020	2025
0-4	134	120	110	110
5-9	186	170	160	150
10-14	237	190	170	160
15-19	182	180	130	120
20-24	111	100	100	50
25-29	119	130	120	110
30-34	133	150	160	150
35-39	198	170	190	190
40-44	219	200	170	190
45-49	228	220	190	170
50-54	247	220	210	190
55-59	228	240	220	210
60-64	233	220	230	210
65-69	160	220	200	220
70-74	126	150	200	180
75-79	101	110	120	170
80-84	84	80	80	90
85+	43	70	70	80
Total	2,968	2,940	2,830	2,750

Females	2010	2015	2020	2025
0-4	131	110	110	110
5-9	206	170	150	150
10-14	197	210	170	150
15-19	372	400	410	350
20-24	375	380	410	410
25-29	130	140	150	200
30-34	183	160	170	180
35-39	209	220	200	210
40-44	230	210	220	200
45-49	271	230	210	220
50-54	251	270	230	210
55-59	252	250	260	220
60-64	263	250	240	260
65-69	206	250	240	230
70-74	192	200	240	220
75-79	174	180	180	220
80-84	116	150	150	150
85+	108	140	180	210
Total	3,865	3,920	3,920	3,900

Total	2010	2015	2020	2025
0-4	265	230	220	220
5-9	392	340	310	300
10-14	434	400	340	310
15-19	554	580	540	470
20-24	486	480	510	460
25-29	249	270	270	310
30-34	315	310	330	330
35-39	407	390	390	400
40-44	449	410	390	390
45-49	498	450	400	390
50-54	498	490	440	400
55-59	479	490	480	430
60-64	496	470	470	470
65-69	366	470	440	450
70-74	318	350	440	400
75-79	275	290	300	390
80-84	200	230	230	240
85+	151	210	250	290
Total	6,833	6,860	6,750	6,650
Median Age	43.5	45.2	45.9	46.7

	2010 to 2015	2015 to 2020	2020 to 2025
Births	210	200	210
Deaths	330	370	400
Natural Increase	-120	-170	-190
Net Migration	100	100	90
Change	-20	-70	-100

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



Oak Grove

Males	2010	2015	2020	2025
0-4	166	160	150	140
5-9	191	160	150	150
10-14	226	190	160	150
15-19	236	210	170	150
20-24	137	160	140	120
25-29	136	150	170	150
30-34	120	150	160	180
35-39	153	160	190	190
40-44	179	190	190	220
45-49	240	180	180	190
50-54	231	240	170	180
55-59	194	220	230	170
60-64	202	190	210	220
65-69	127	190	170	200
70-74	107	120	170	160
75-79	84	90	100	140
80-84	65	60	70	70
85+	39	50	60	70
Total	2,832	2,870	2,840	2,850

Females	2010	2015	2020	2025
0-4	163	150	140	130
5-9	176	160	150	140
10-14	222	180	160	150
15-19	213	200	160	150
20-24	150	140	140	100
25-29	158	160	150	150
30-34	129	180	170	160
35-39	175	170	220	210
40-44	213	210	210	240
45-49	262	210	210	200
50-54	260	260	210	210
55-59	231	260	260	210
60-64	219	230	250	250
65-69	172	210	220	240
70-74	124	160	200	210
75-79	128	110	150	180
80-84	84	110	100	130
85+	70	100	130	140
Total	3,147	3,200	3,230	3,200

Total	2010	2015	2020	2025
0-4	329	310	290	270
5-9	367	320	300	290
10-14	448	370	320	300
15-19	449	410	330	300
20-24	288	300	280	220
25-29	294	310	320	300
30-34	249	330	330	340
35-39	328	330	410	400
40-44	391	400	400	460
45-49	501	390	390	390
50-54	490	500	380	390
55-59	425	480	490	380
60-64	421	420	460	470
65-69	299	400	390	440
70-74	231	280	370	370
75-79	213	200	250	320
80-84	148	170	170	200
85+	109	150	190	210
Total	5,978	6,070	6,070	6,050
Median Age	43.0	44.4	45.7	46.9

	2010 to 2015	2015 to 2020	2020 to 2025
Births	250	250	230
Deaths	260	300	330
Natural Increase	-10	-50	-100
Net Migration	90	80	70
Change	80	30	-30

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

Penn Forest

Males	2010	2015	2020	2025
0-4	152	140	140	140
5-9	213	150	140	140
10-14	223	210	150	140
15-19	188	210	200	140
20-24	102	120	130	120
25-29	104	120	130	140
30-34	143	120	140	160
35-39	164	170	160	170
40-44	217	200	210	190
45-49	192	210	190	210
50-54	206	190	210	190
55-59	211	200	180	200
60-64	176	200	190	180
65-69	113	160	190	180
70-74	75	100	150	170
75-79	79	60	90	130
80-84	42	60	50	70
85+	23	30	50	50
Total	2,623	2,650	2,700	2,720

Females	2010	2015	2020	2025
0-4	150	140	130	130
5-9	189	150	140	130
10-14	194	190	150	140
15-19	188	180	170	130
20-24	86	120	100	90
25-29	114	100	130	120
30-34	149	140	120	160
35-39	212	180	170	160
40-44	229	250	220	210
45-49	223	230	240	220
50-54	233	220	230	240
55-59	225	230	220	220
60-64	200	220	220	210
65-69	127	190	210	210
70-74	121	120	180	200
75-79	83	110	110	170
80-84	65	70	90	90
85+	50	70	90	110
Total	2,838	2,910	2,920	2,940

Total	2010	2015	2020	2025
0-4	302	280	270	270
5-9	401	300	280	270
10-14	417	400	300	280
15-19	377	390	370	270
20-24	189	240	230	210
25-29	218	220	260	260
30-34	292	260	260	320
35-39	376	350	330	330
40-44	446	450	430	400
45-49	415	440	430	430
50-54	439	410	440	430
55-59	436	430	400	420
60-64	376	420	410	390
65-69	240	350	400	390
70-74	196	220	330	370
75-79	162	170	200	300
80-84	107	130	140	160
85+	73	100	140	160
Total	5,462	5,560	5,620	5,660
Median Age	41.8	43.8	45.9	47.6

	2010 to 2015	2015 to 2020	2020 to 2025
Births	240	220	220
Deaths	210	240	280
Natural Increase	30	-20	-60
Net Migration	70	80	80
Change	100	60	20

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



W E Cundiff

Males	2010	2015	2020	2025
0-4	195	210	190	170
5-9	219	250	260	240
10-14	244	220	250	260
15-19	245	210	180	220
20-24	143	150	110	100
25-29	172	160	170	130
30-34	185	210	200	200
35-39	209	220	240	230
40-44	218	230	240	260
45-49	256	220	220	230
50-54	213	250	210	220
55-59	218	210	240	210
60-64	236	210	200	230
65-69	182	220	200	190
70-74	140	170	200	180
75-79	123	120	140	170
80-84	79	90	90	110
85+	46	70	80	90
Total	3,323	3,420	3,420	3,440

Females	2010	2015	2020	2025
0-4	189	210	190	170
5-9	213	250	260	240
10-14	240	210	250	260
15-19	236	200	180	210
20-24	166	140	110	90
25-29	185	180	160	130
30-34	191	220	220	190
35-39	231	230	260	250
40-44	256	250	250	270
45-49	254	250	250	240
50-54	238	250	250	250
55-59	269	230	250	250
60-64	278	260	230	240
65-69	235	270	250	220
70-74	199	220	250	240
75-79	132	180	200	230
80-84	163	110	150	170
85+	147	190	190	220
Total	3,822	3,850	3,900	3,870

Total	2010	2015	2020	2025
0-4	384	420	380	340
5-9	432	500	520	480
10-14	484	430	500	520
15-19	480	410	360	430
20-24	309	290	220	190
25-29	357	340	330	260
30-34	375	430	420	390
35-39	440	450	500	480
40-44	475	480	490	530
45-49	510	470	470	470
50-54	452	500	460	470
55-59	488	440	490	460
60-64	514	470	430	470
65-69	417	490	450	410
70-74	339	390	450	420
75-79	255	300	340	400
80-84	242	200	240	280
85+	193	260	270	310
Total	7,144	7,270	7,320	7,310
Median Age	43.3	43.8	44.4	45.4

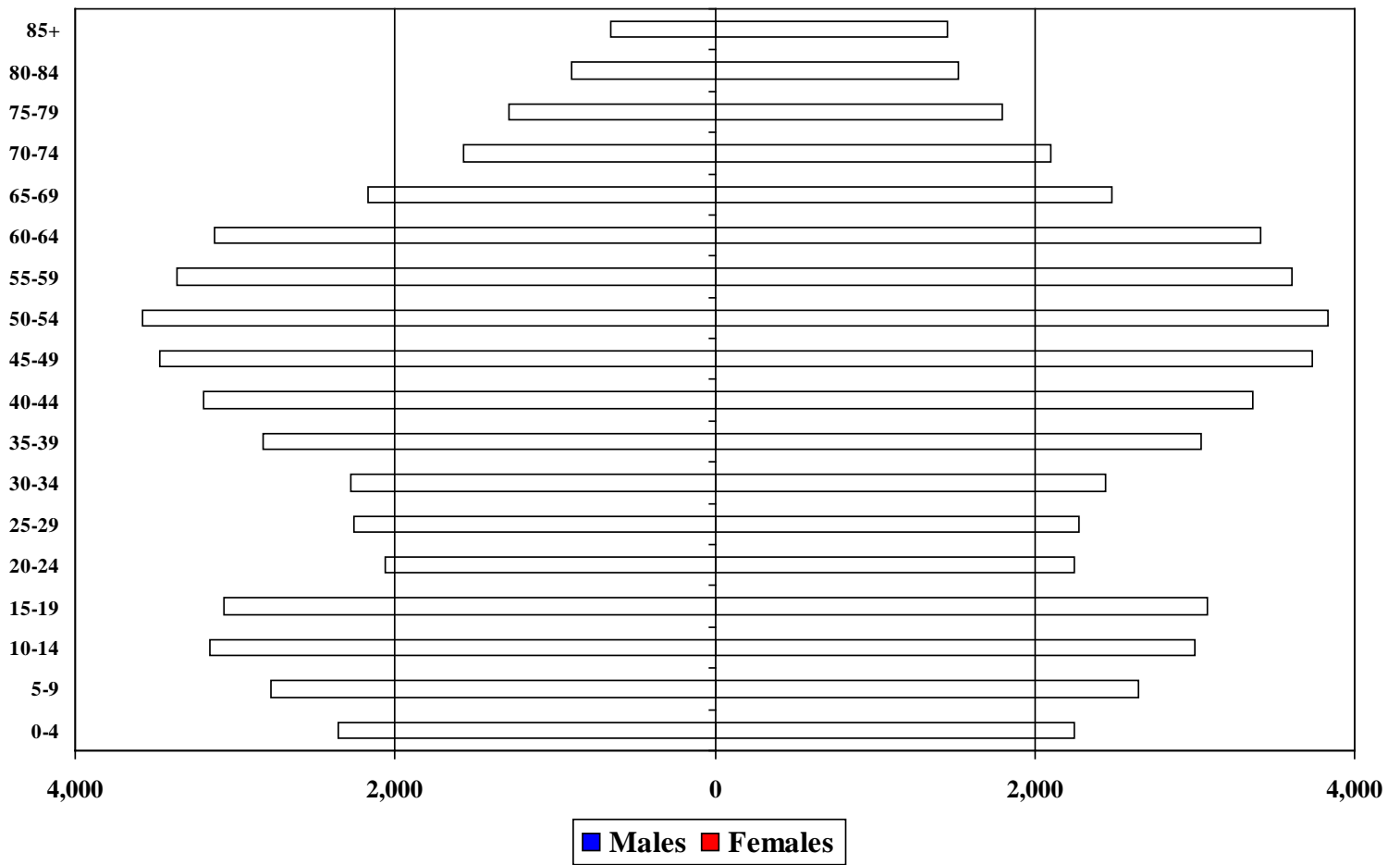
	2010 to 2015	2015 to 2020	2020 to 2025
Births	300	270	240
Deaths	370	390	430
Natural Increase	-70	-120	-190
Net Migration	190	180	170
Change	120	60	-20

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



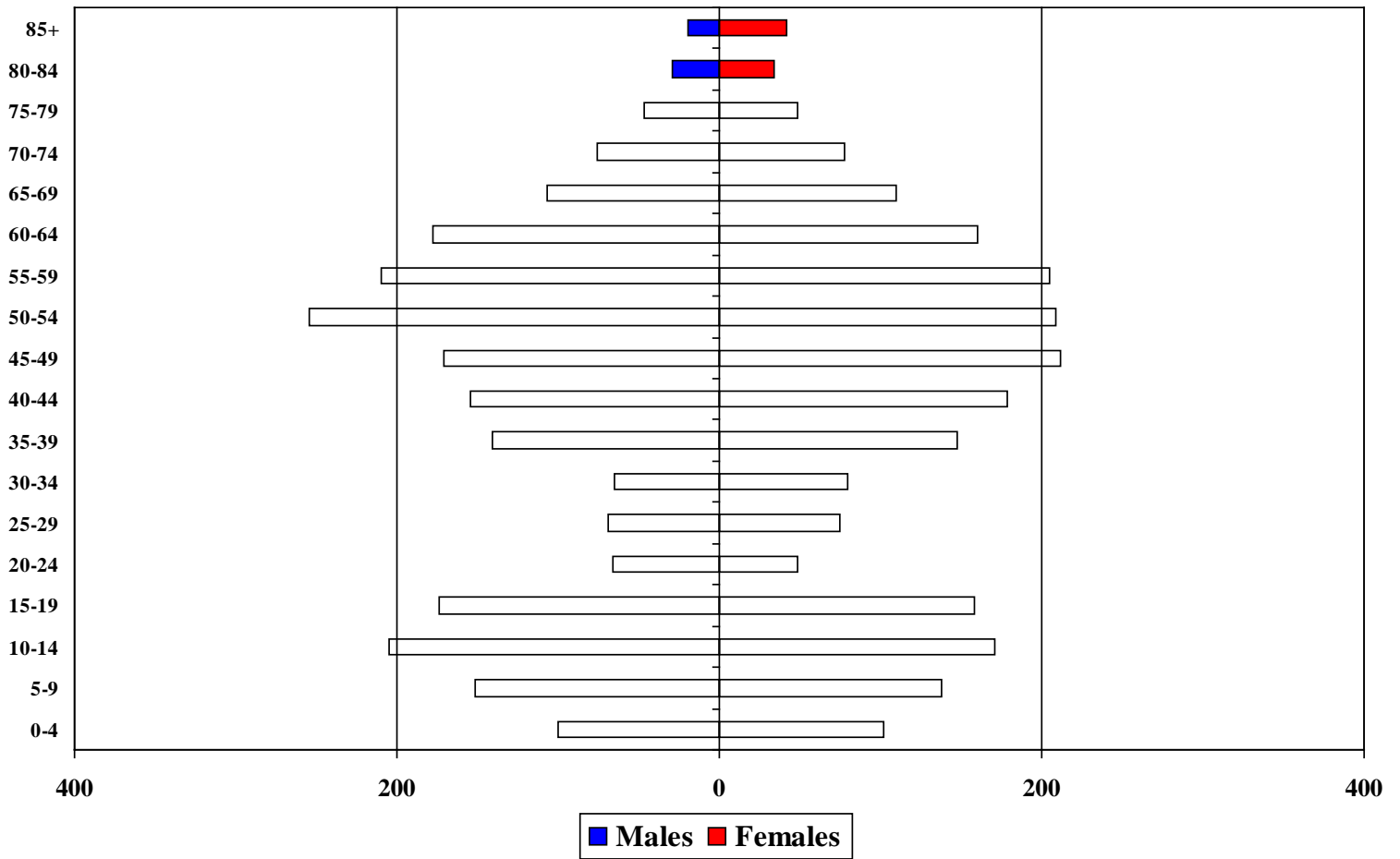
Appendix C: Population Pyramids

Roanoke County, Virginia Total Population - 2010 Census



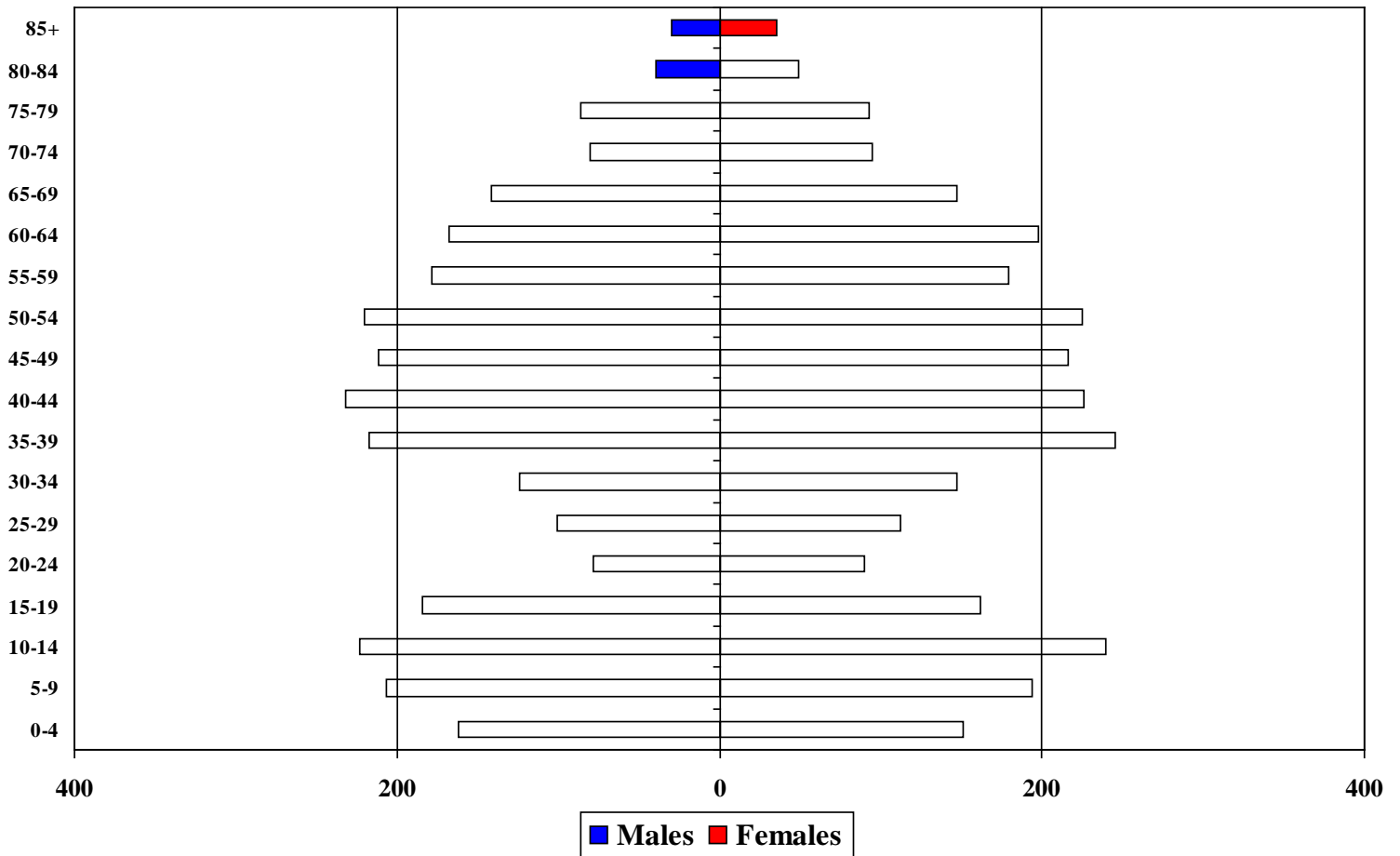


Back Creek Total Population - 2010 Census



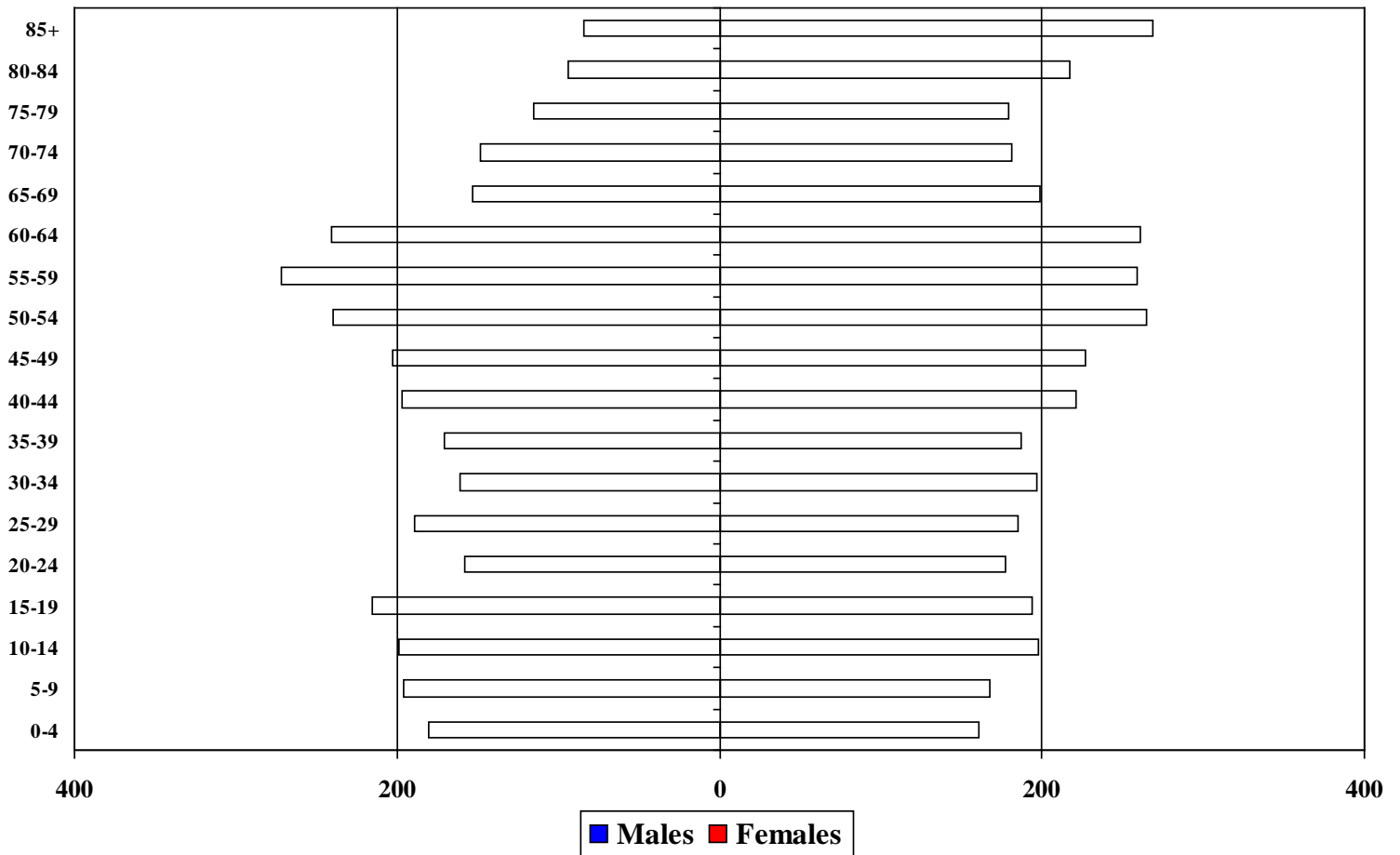


Bonsack Total Population - 2010 Census



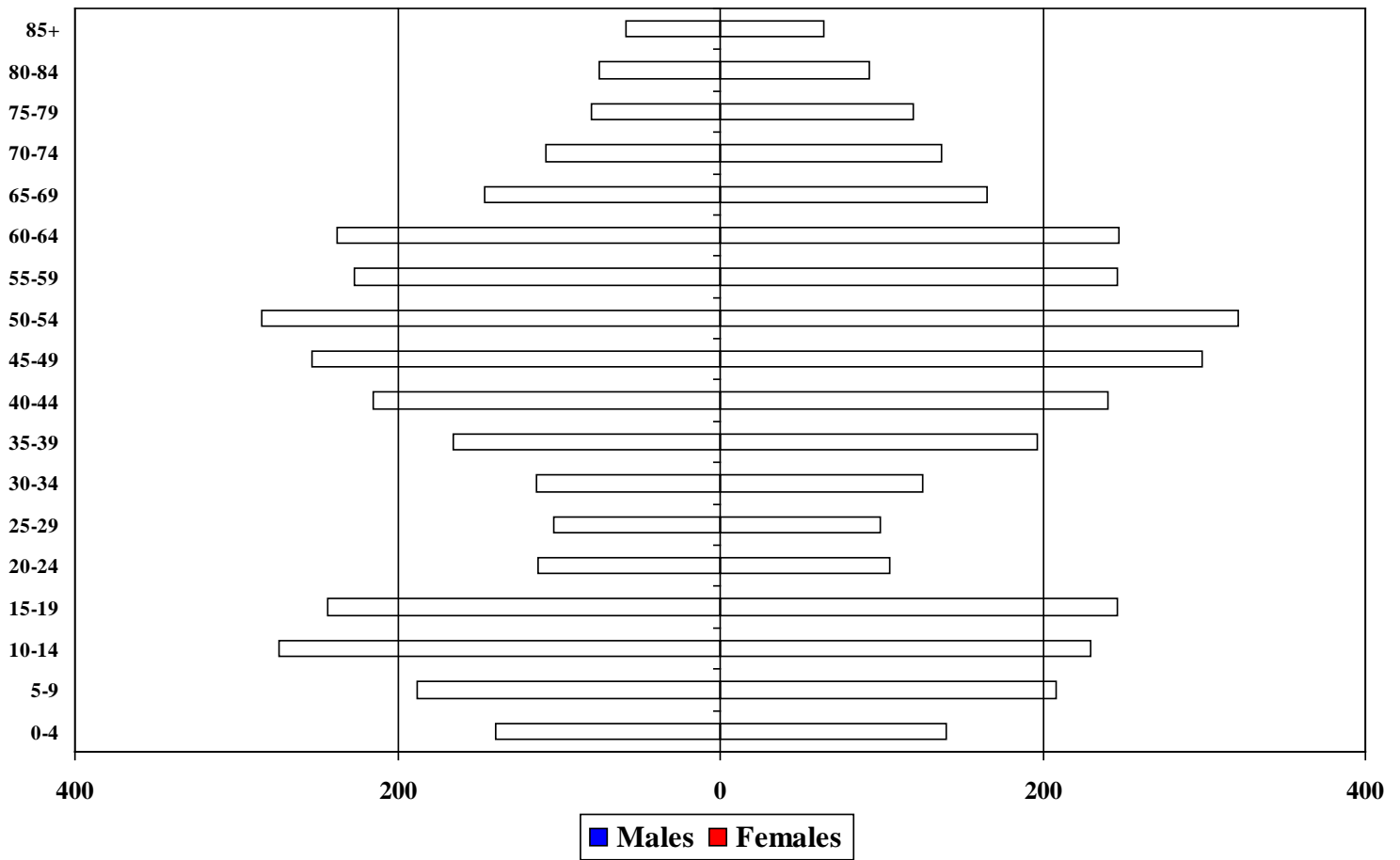


Burlington Total Population - 2010 Census



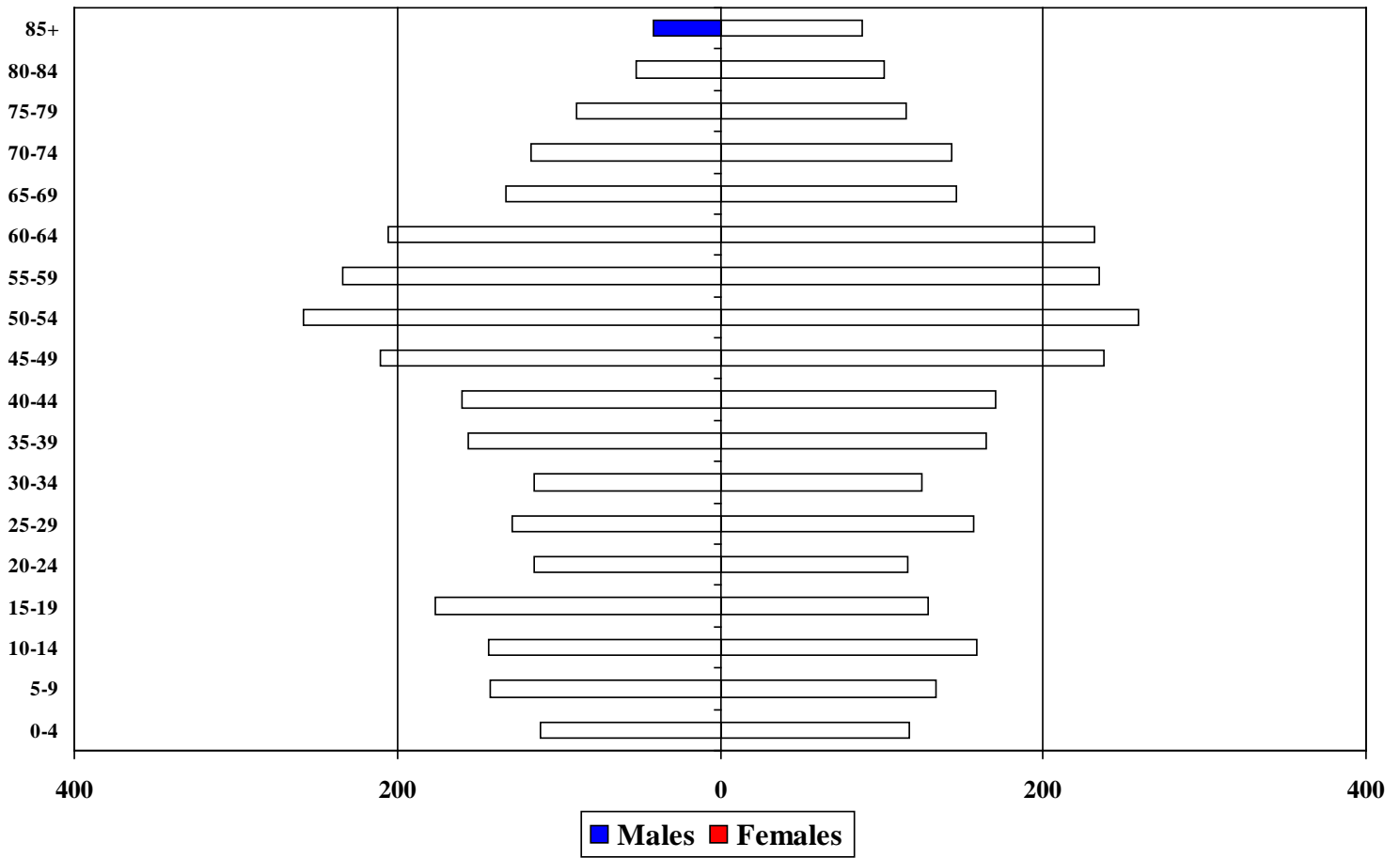


Cave Spring Total Population - 2010 Census



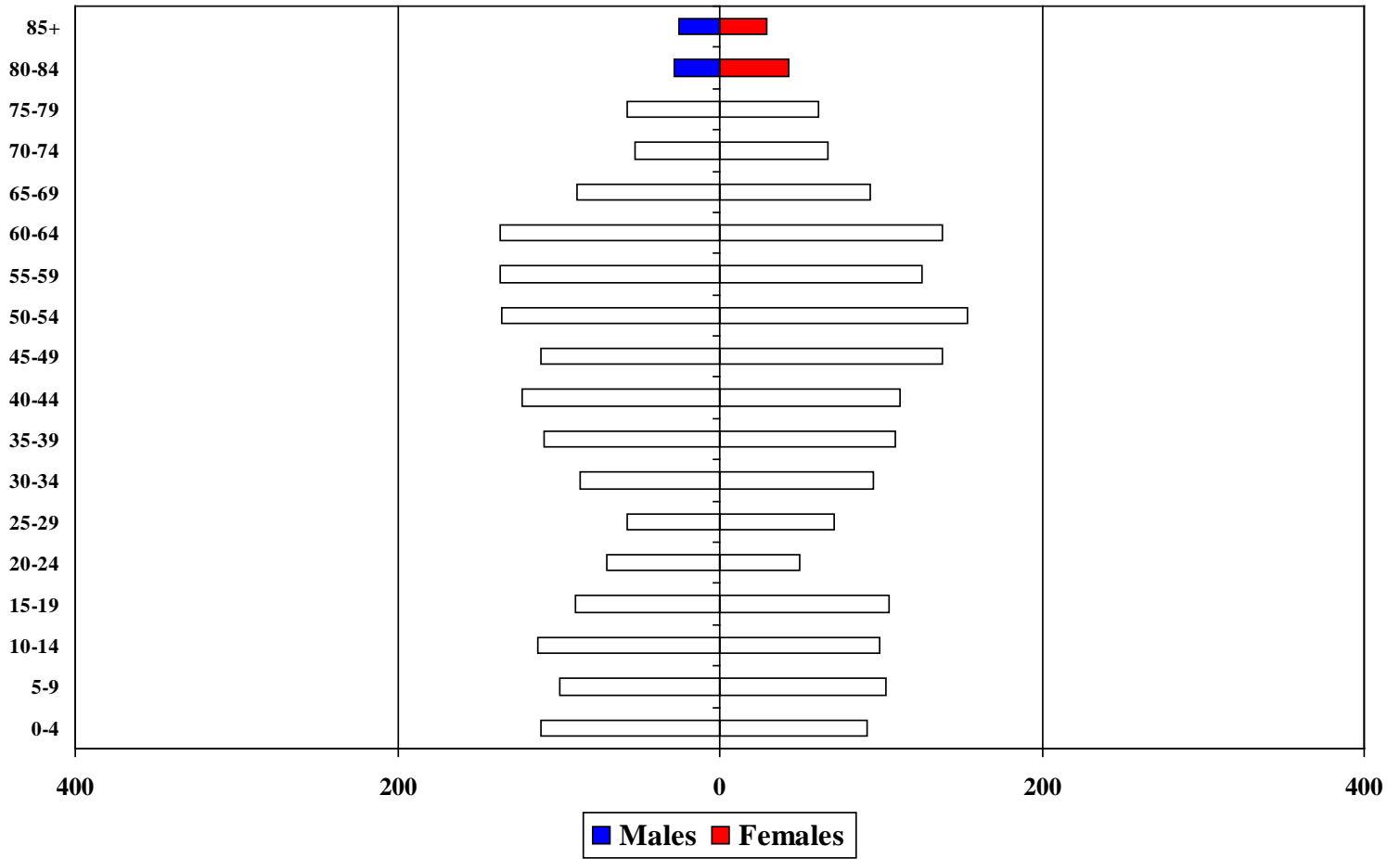


Clearbrook Total Population - 2010 Census



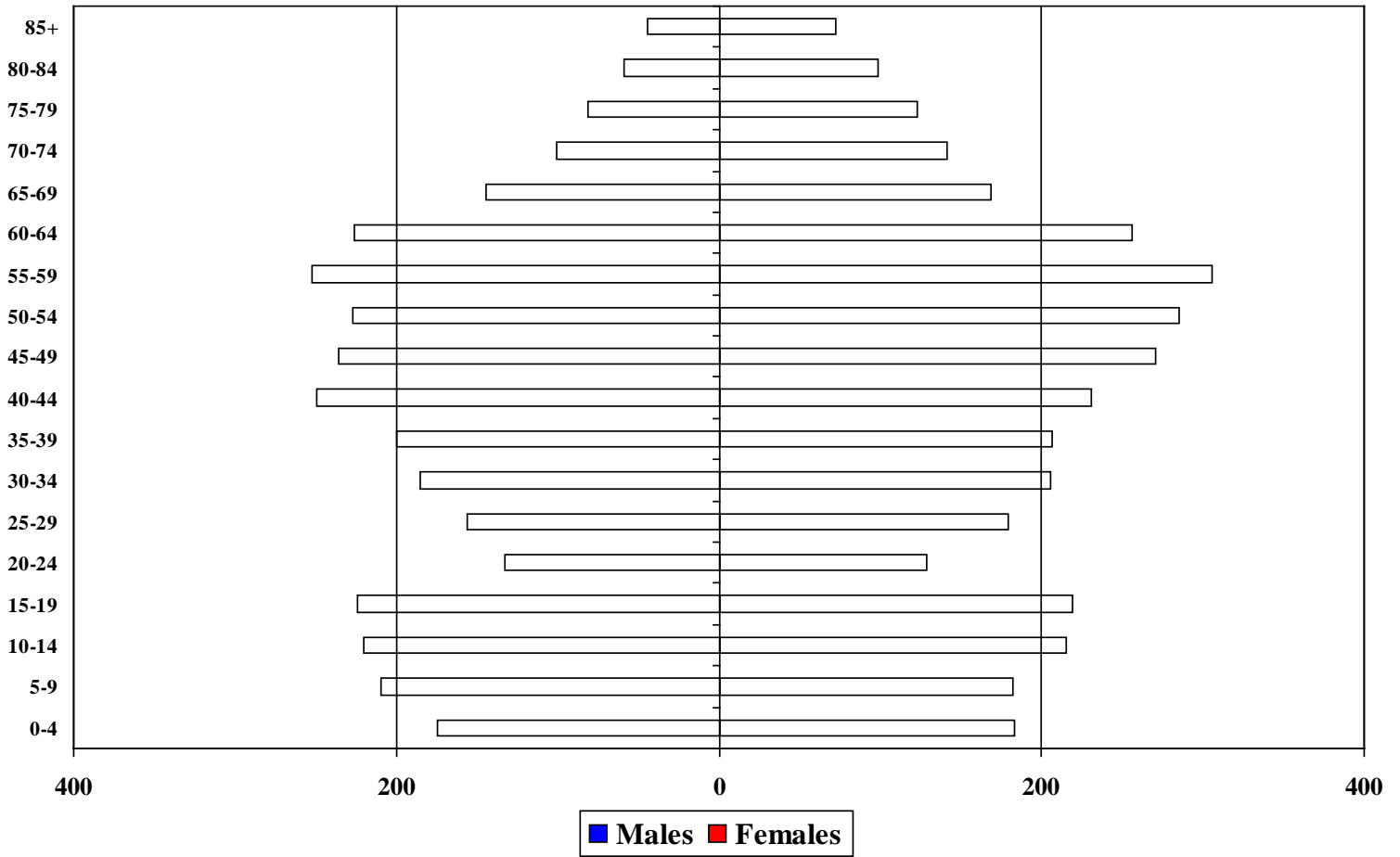


Fort Lewis Total Population - 2010 Census



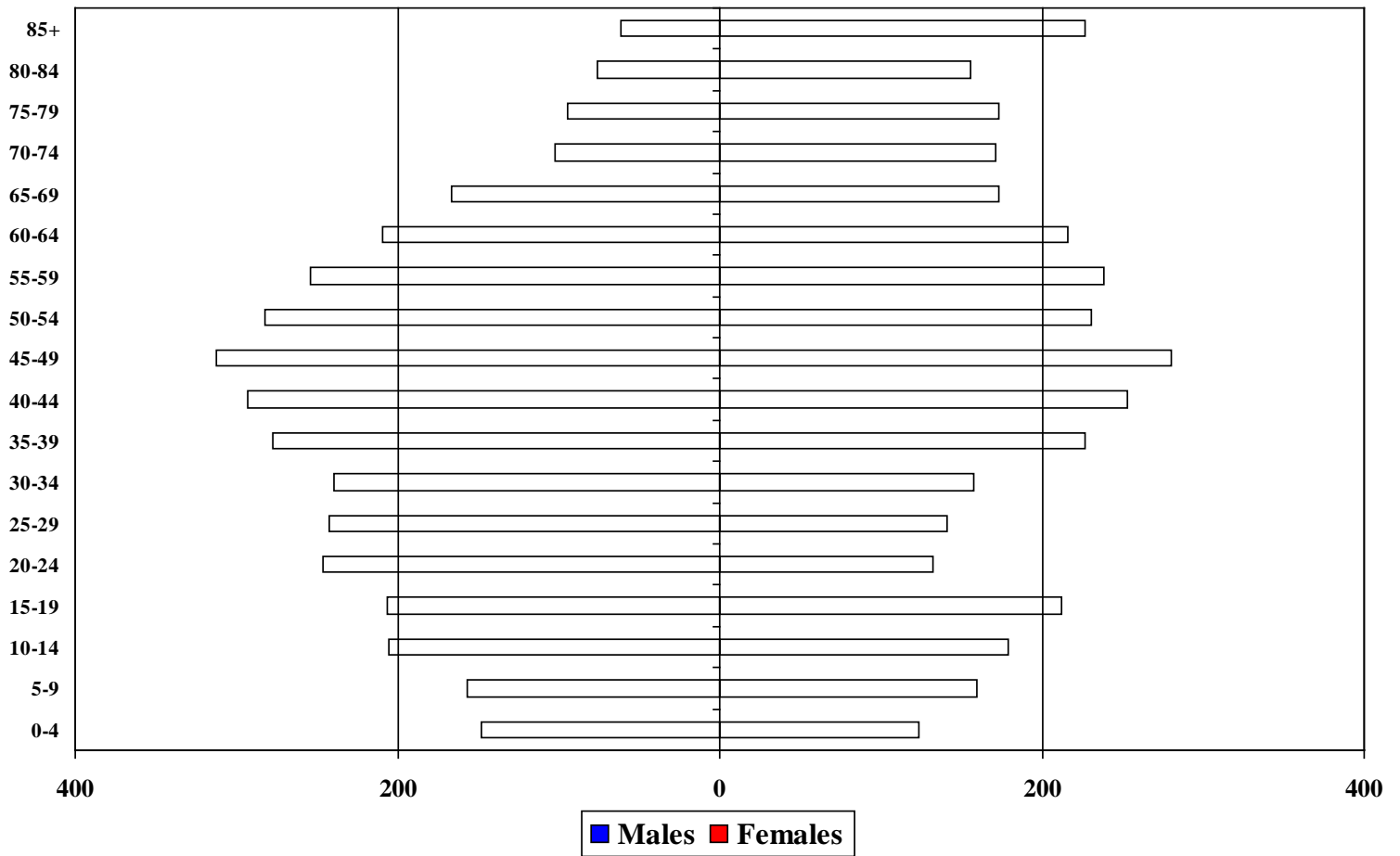


Glen Cove Total Population - 2010 Census



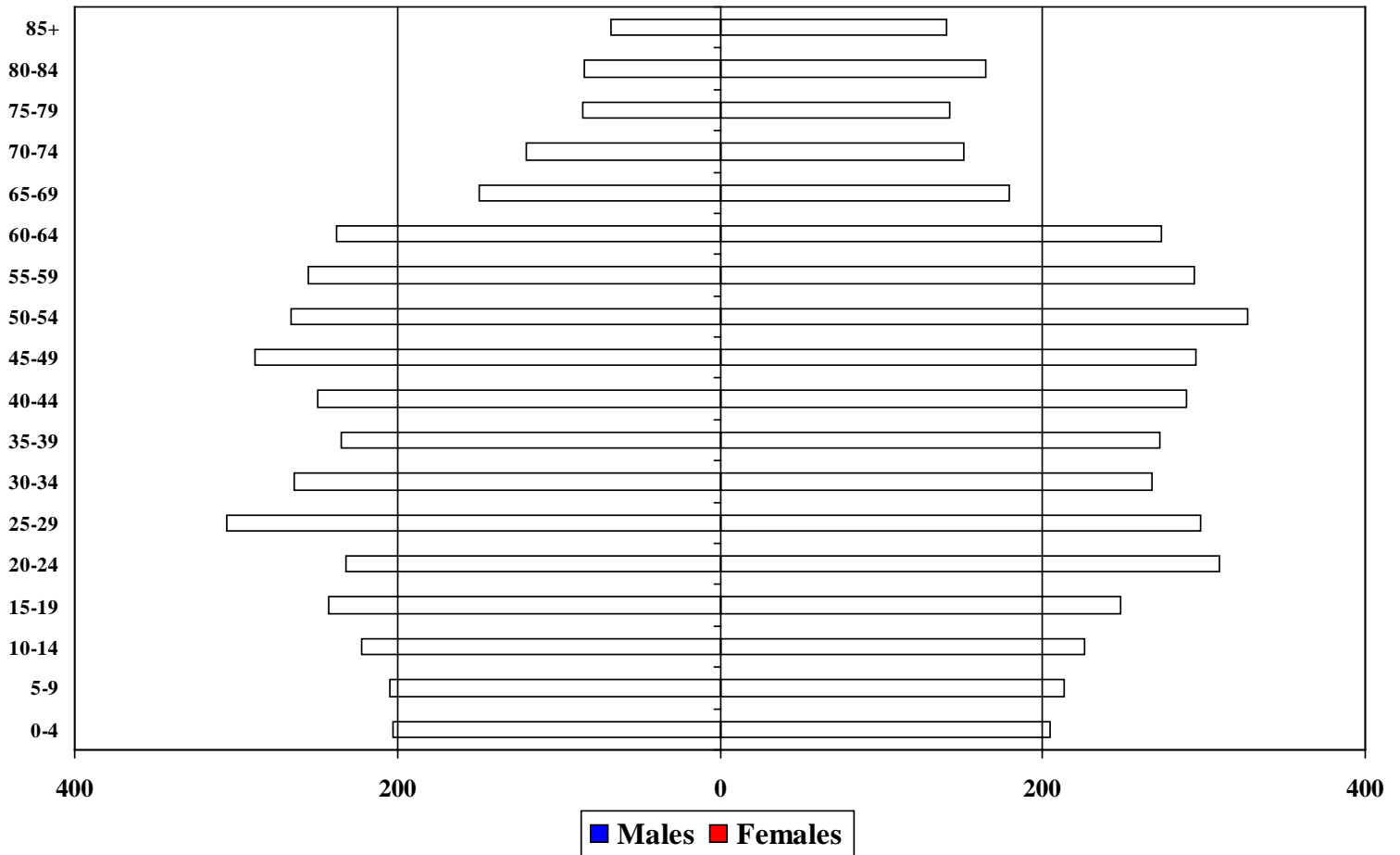


Glenvar Total Population - 2010 Census



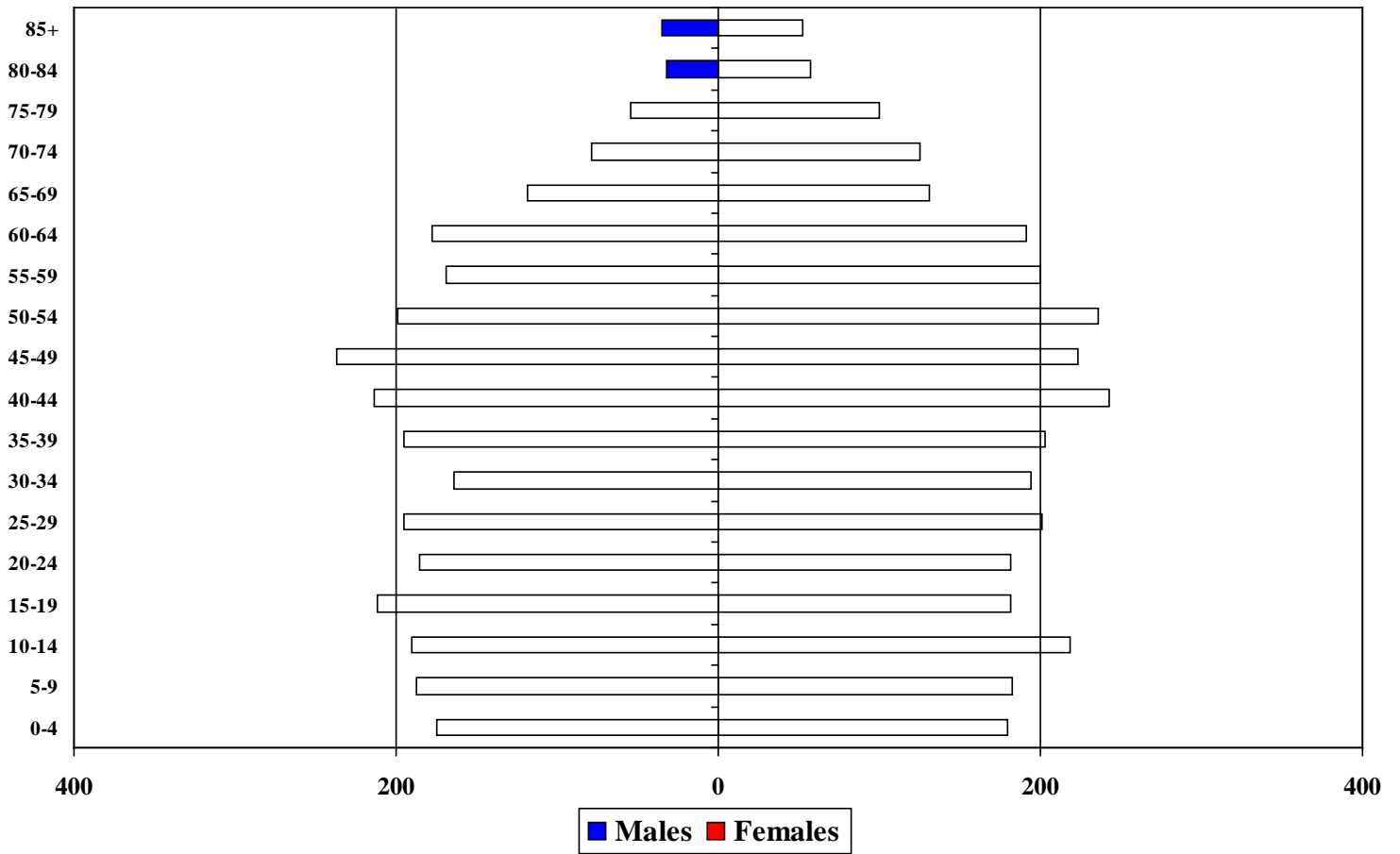


Green Valley Total Population - 2010 Census



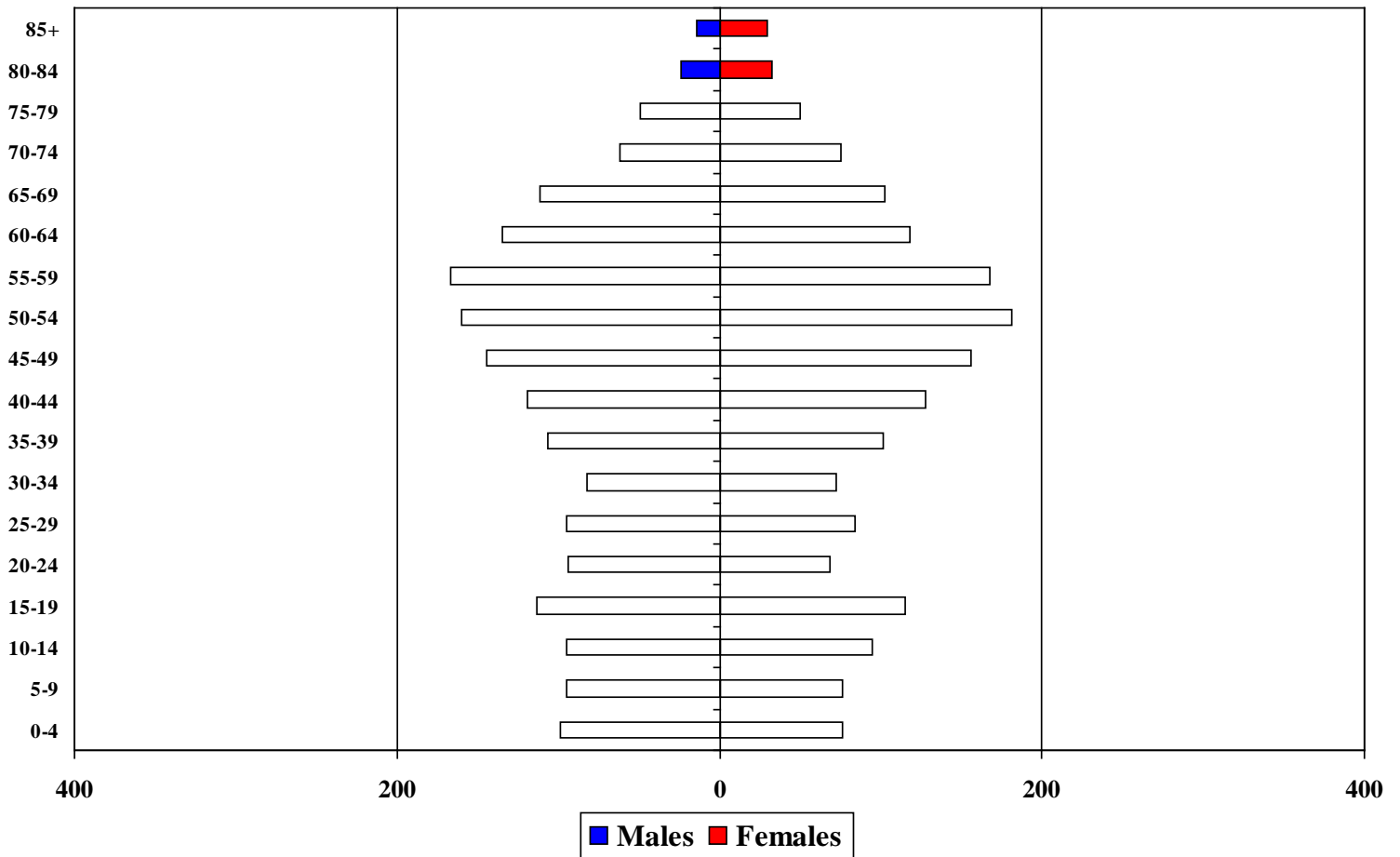


Herman Horn Total Population - 2010 Census



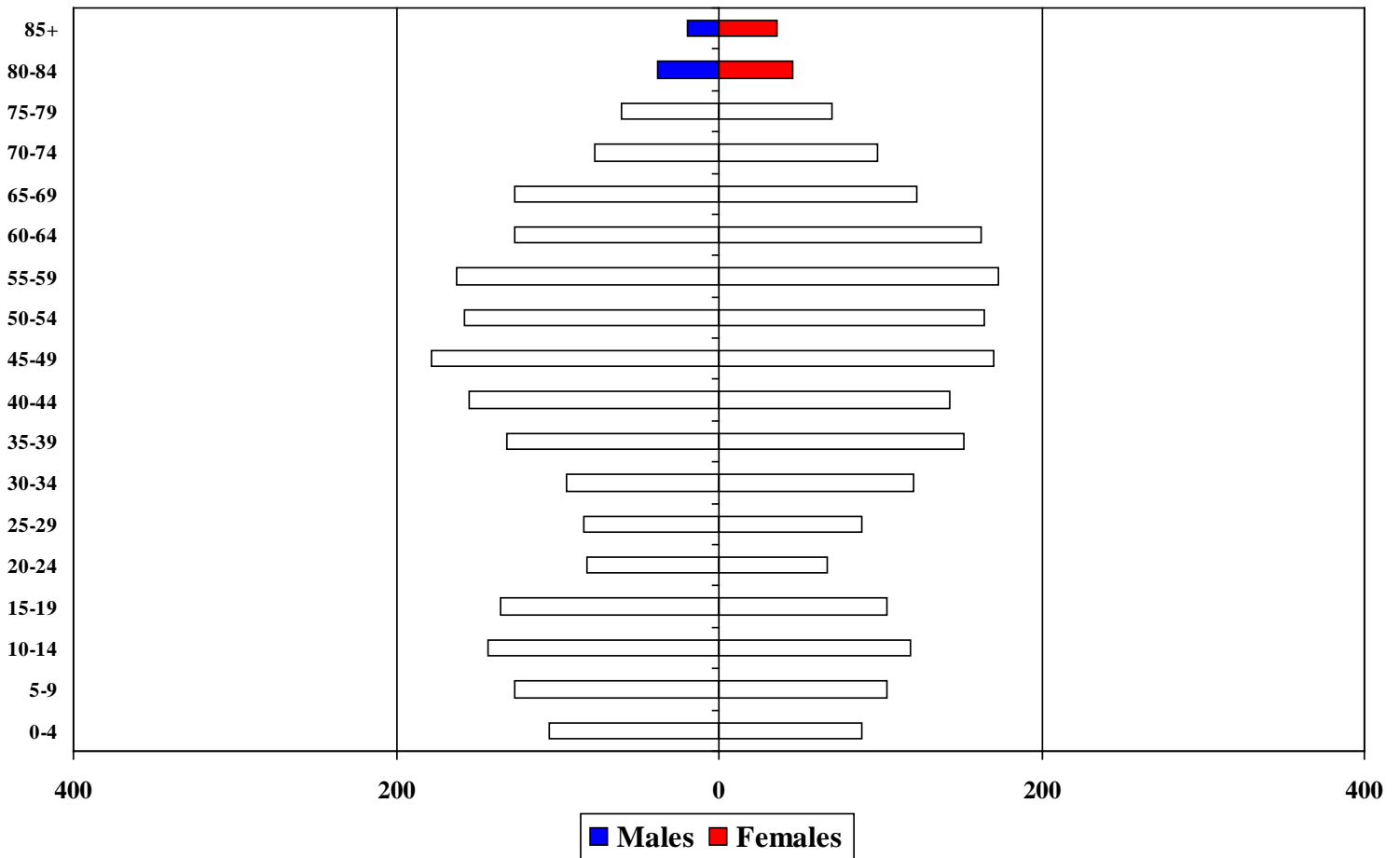


Masons Cove Total Population - 2010 Census



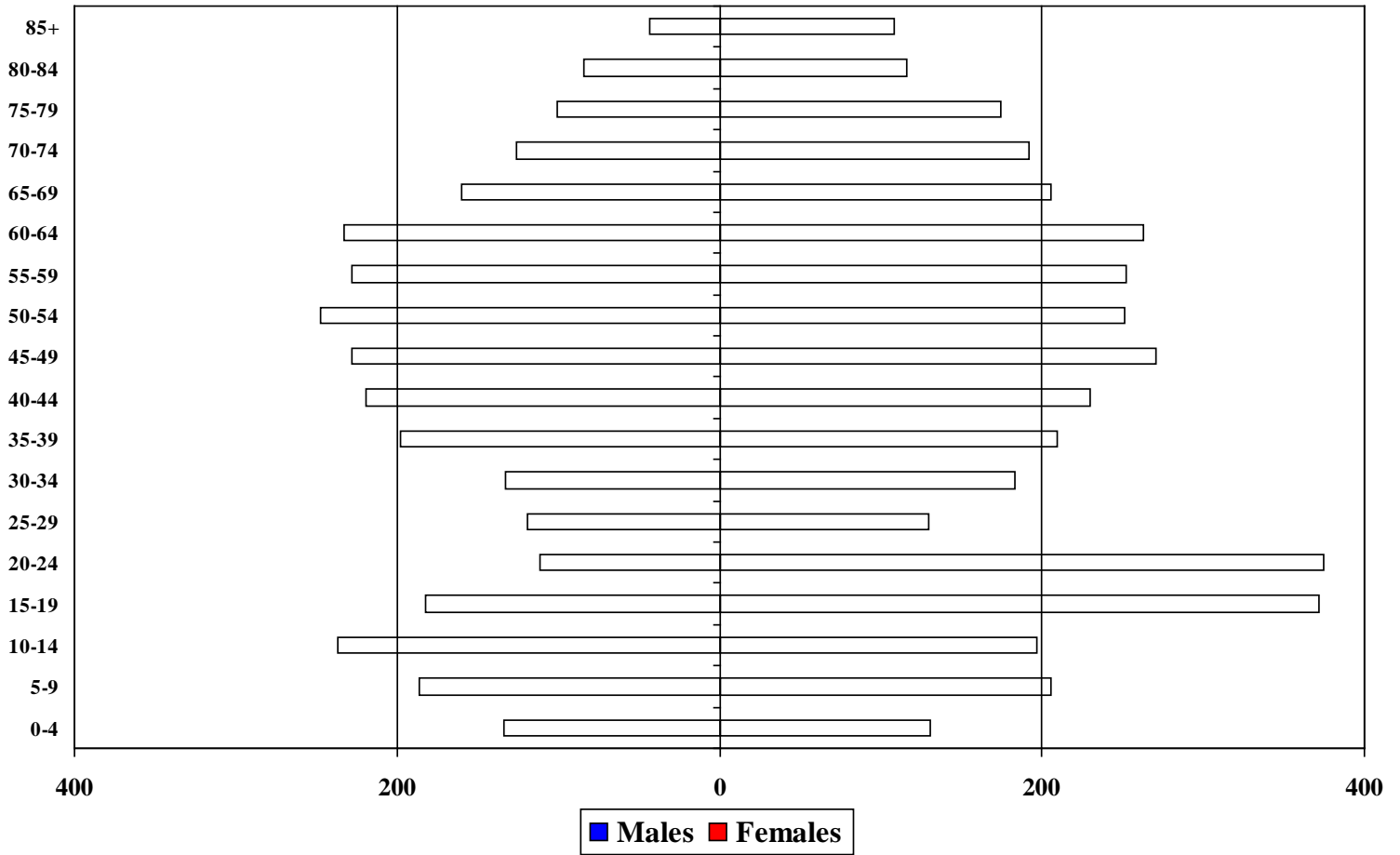


Mount Pleasant Total Population - 2010 Census



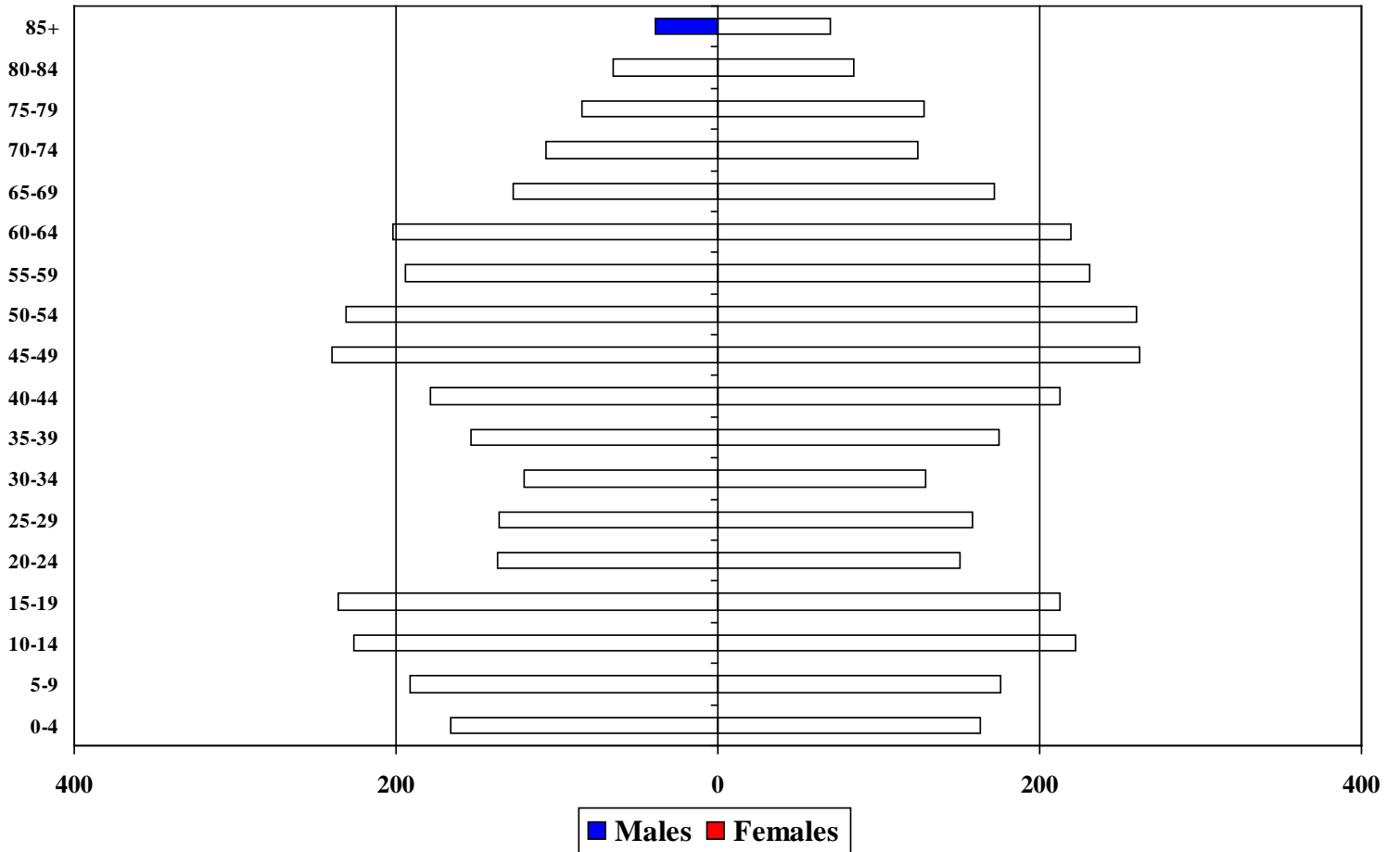


Mountain View Total Population - 2010 Census



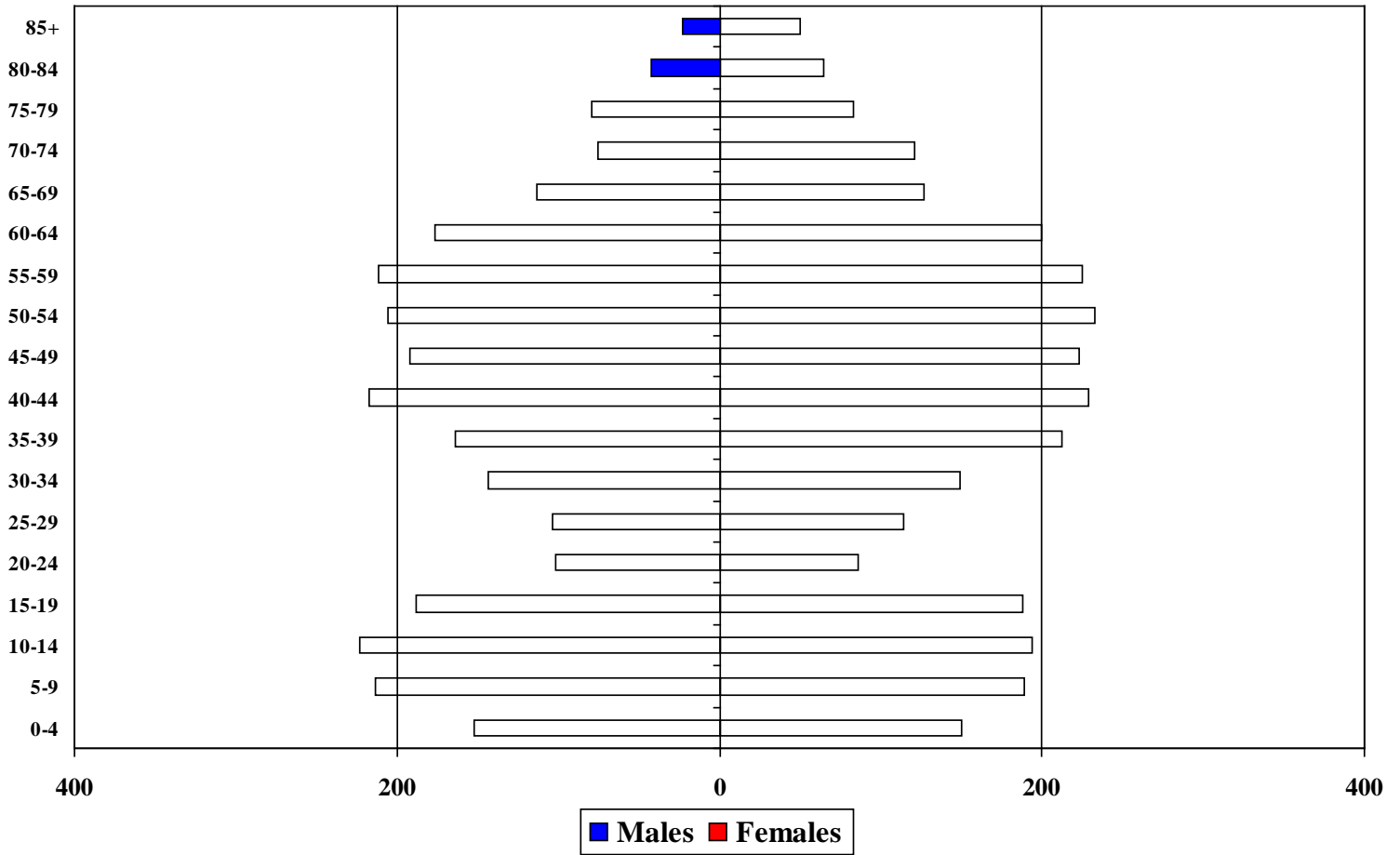


Oak Grove Total Population - 2010 Census



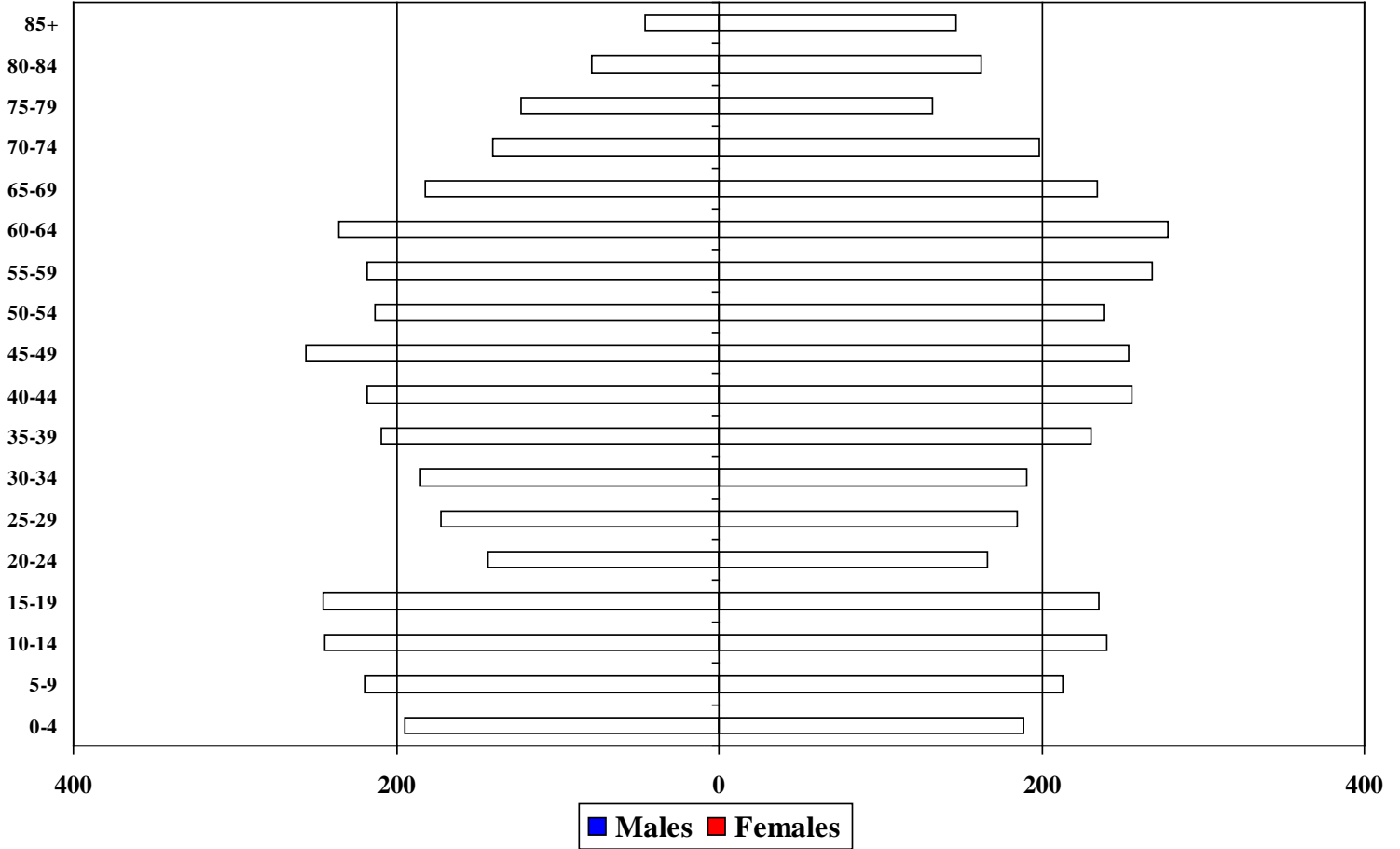


Penn Forest Total Population - 2010 Census





W. E. Cundiff Total Population - 2010 Census





Appendix D: Additional Tables

Chart 1: Residential Building Unit Permits, Roanoke County - 2000 to 2015

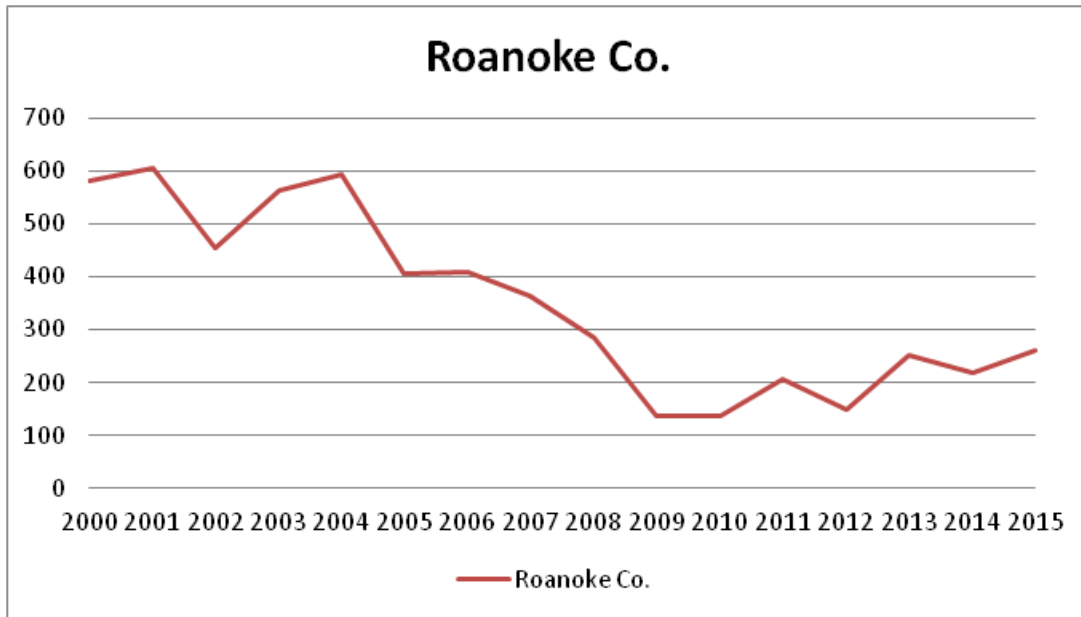


Table 1: Forecasted Elementary Area Population Change, 2010 to 2020

	<u>2010</u>	<u>2015</u>	<u>2010-2015</u> <u>Change</u>	<u>2020</u>	<u>2015-2020</u> <u>Change</u>	<u>2010-2020</u> <u>Change</u>
BACK CREEK	4412	4520	2.4%	4540	0.4%	2.9%
BONSACK	5,485	5,570	1.5%	5,590	0.4%	1.9%
BURLINGTON	6,960	6,850	-1.6%	6,720	-1.9%	-3.4%
CAVE SPRING	6,302	6,410	1.7%	6,420	0.2%	1.9%
CLEARBROOK	5,417	5,520	1.9%	5,570	0.9%	2.8%
FORT LEWIS	3,312	3,310	-0.1%	3,330	0.6%	0.5%
GLEN COVE	6,593	6,770	2.6%	6,860	1.3%	4.0%
GLENVAR	7,017	6,760	-3.8%	6,960	3.0%	-0.8%
GREEN VALLEY	8,008	8,220	2.6%	8,400	2.2%	4.9%
HERMAN HORN	5,920	6,060	2.3%	6,210	2.5%	4.9%
MASONS COVE	3,495	3,580	2.4%	3,650	2.0%	4.4%
MOUNT PLEASANT	4,038	4,090	1.3%	4,110	0.5%	1.8%
MOUNTAIN VIEW	6,833	6,860	0.4%	6,750	-1.6%	-1.2%
OAK GROVE	5,978	6,070	1.5%	6,070	0.0%	1.5%
PENN FOREST	5,462	5,560	1.8%	5,620	1.1%	2.9%
W E CUNDIFF	7,144	7,270	1.7%	7,320	0.7%	2.5%
DISTRICT TOTAL	92,376	93,420	1.1%	94,120	0.7%	1.9%



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
BACK CREEK	564	33.6%	1682	4412	2.62
BONSACK	781	37.4%	2091	5485	2.62
BURLINGTON	779	26.9%	2900	6485	2.24
CAVE SPRING	842	33.7%	2498	6302	2.52
CLEARBROOK	570	22.7%	2517	5390	2.14
FORT LEWIS	408	31.7%	1288	3312	2.57
GLEN COVE	848	32.2%	2630	6593	2.51
GLENVAR	734	29.7%	2469	5937	2.40
GREEN VALLEY	970	26.1%	3708	8001	2.16
HERMAN HORN	835	32.9%	2534	5920	2.34
MASONS COVE	397	29.1%	1364	3391	2.49
MOUNT PLEASANT	498	29.7%	1675	4038	2.41
MOUNTAIN VIEW	765	28.4%	2697	6351	2.35
OAK GROVE	832	33.7%	2468	5975	2.42
PENN FOREST	761	34.7%	2194	5462	2.49
W E CUNDIFF	911	31.5%	2893	6994	2.42
DISTRICT TOTAL	11495	30.6%	37608	90048	2.39

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

	Percentage of Householders aged 35-54	Percentage of Householder s aged 65+	Percentage of Householders Who Own Homes
BACK CREEK	44.9%	22.2%	89.8%
BONSACK	45.5%	23.1%	85.3%
BURLINGTON	32.6%	30.7%	62.1%
CAVE SPRING	41.4%	27.0%	85.2%
CLEARBROOK	35.8%	28.3%	69.9%
FORT LEWIS	39.0%	27.0%	90.8%
GLEN COVE	38.0%	26.2%	88.8%
GLENVAR	37.9%	33.4%	79.8%
GREEN VALLEY	35.9%	24.8%	58.8%
HERMAN HORN	39.7%	21.8%	63.3%
MASONS COVE	41.5%	22.7%	87.9%
MOUNT PLEASANT	39.1%	28.4%	84.7%
MOUNTAIN VIEW	36.4%	33.7%	82.7%
OAK GROVE	37.3%	26.4%	71.9%
PENN FOREST	41.5%	23.5%	84.5%
W E CUNDIFF	34.5%	31.1%	77.4%
DISTRICT TOTAL	38.3%	27.2%	77.0%



Table 4/: Single Person Households and Single Person Households over age 65 by Elementary Districts, 2010 Census

	<u>Percentage of Single Person Households</u>	<u>Percentage of Single Person Households and are 65+</u>
BACK CREEK	18.0%	6.8%
BONSACK	18.6%	6.8%
BURLINGTON	34.4%	15.5%
CAVE SPRING	21.5%	9.9%
CLEARBROOK	34.3%	13.6%
FORT LEWIS	18.4%	9.4%
GLEN COVE	23.3%	10.4%
GLENVAR	26.4%	15.9%
GREEN VALLEY	36.0%	12.2%
HERMAN HORN	28.6%	9.4%
MASONS COVE	20.7%	6.6%
MOUNT PLEASANT	23.6%	10.6%
MOUNTAIN VIEW	29.1%	15.5%
OAK GROVE	25.2%	10.1%
PENN FOREST	25.6%	9.8%
W E CUNDIFF	26.0%	14.0%
DISTRICT TOTAL	26.7%	11.5%



Table 5: Total Elementary Enrollment (K-5), 2010, 2015, 2020

	2010	2015	2010-2015 Change	2020	2015-2020 Change	2010-2020 Change
BACK CREEK	314	302	-3.8%	286	-5.3%	-8.9%
BONSACK	446	367	-17.7%	336	-8.4%	-24.7%
BURLINGTON	452	443	-2.0%	460	3.8%	1.8%
CAVE SPRING	425	472	11.1%	512	8.5%	20.5%
CLEARBROOK	236	326	38.1%	352	8.0%	49.2%
FORT LEWIS	234	220	-6.0%	208	-5.5%	-11.1%
GLEN COVE	437	418	-4.3%	504	20.6%	15.3%
GLENVAR	366	383	4.6%	430	12.3%	17.5%
GREEN VALLEY	340	485	42.6%	538	10.9%	58.2%
HERMAN HORN	416	395	-5.0%	394	-0.3%	-5.3%
MASONS COVE	199	228	14.6%	213	-6.6%	7.0%
MOUNT PLEASANT	314	331	5.4%	320	-3.3%	1.9%
MOUNTAIN VIEW	456	364	-20.2%	311	-14.6%	-31.8%
OAK GROVE	544	435	-20.0%	402	-7.6%	-26.1%
PENN FOREST	567	445	-21.5%	420	-5.6%	-25.9%
W E CUNDIFF	483	515	6.6%	504	-2.1%	4.3%
DISTRICT TOTAL	6,229	6,129	-1.6%	6,190	1.0%	-0.6%

Table 6: Age Under One to Age Ten Population Counts, by Year of Age, by Elementary Attendance

	Under 1 year	1 year	2 years	3 years	4 years	5 years	6 years	7 years	8 years	9 years	10 years
BACK CREEK	37	34	43	41	58	47	57	60	63	72	71
BONSACK	41	50	72	72	88	77	75	83	71	101	101
BURLINGTON	72	56	78	74	63	71	70	81	73	80	83
CAVE SPRING	46	53	53	65	74	71	79	86	79	93	101
CLEARBROOK	46	41	49	45	55	48	63	55	54	50	75
FORT LEWIS	38	44	40	44	45	41	47	32	38	43	43
GLEN COVE	74	72	66	84	57	90	69	72	77	93	74
GLENVAR	53	44	49	71	57	52	65	92	58	57	71
GREEN VALLEY	71	76	95	77	70	77	82	90	92	79	87
HERMAN HORN	76	67	67	70	68	76	70	81	81	72	89
MASONS COVE	37	28	30	43	44	33	31	34	33	37	32
MOUNT PLEASANT	40	41	28	42	50	44	45	50	49	41	53
MOUNTAIN VIEW	52	46	47	63	73	69	80	60	110	64	98
OAK GROVE	64	57	72	78	54	72	69	77	84	87	86
PENN FOREST	53	60	58	72	71	61	85	85	95	86	82
W E CUNDIFF	74	94	68	80	85	97	86	76	81	101	101
TOTAL	872	864	913	1020	1013	1026	1073	1115	1137	1156	1246



Table 7: Comparison of District Enrollment by Grade with 2010 Census Counts by Age Cohort, 2010-2015

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
Roanoke County Schools Total	872	864	913	1020	1013	1026	1073	1115	1137	1156	1246	1248	1224	1224
2015 Enrollment	985 113.00%	999 115.60%	1031 112.90%	1038 101.80%	1019 100.60%	1057 103.00%	1059 98.70%	1077 96.60%	1144 100.60%	1193 103.20%	1198 96.10%	1154 92.50%	1181 96.50%	
2014 Enrollment		968 112.00%	999 109.40%	1010 99.00%	1000 98.70%	1021 99.50%	1005 93.70%	1056 94.70%	1114 98.00%	1095 94.70%	1235 99.10%	1208 96.80%	1160 94.80%	1101 90.00%
2013 Enrollment			1014 111.10%	1011 99.10%	996 98.30%	1004 97.90%	977 91.10%	1023 91.70%	1102 96.90%	1071 92.60%	1178 94.50%	1236 99.00%	1227 100.20%	1085 88.60%
2012 Enrollment				1002 98.20%	992 97.90%	1010 98.40%	984 91.70%	1021 91.60%	1066 93.80%	1057 91.40%	1156 92.80%	1151 92.20%	1282 104.70%	1106 90.40%
2011 Enrollment					975 96.20%	998 97.30%	964 89.80%	1007 90.30%	1042 91.60%	1044 90.30%	1143 91.70%	1151 92.20%	1191 97.30%	1147 93.70%
2010 Enrollment						1036 101.00%	997 92.90%	1012 90.80%	1044 91.80%	1027 88.80%	1113 89.30%	1140 91.30%	1154 94.30%	1103 90.10%



Appendix E: Live Attend Analysis

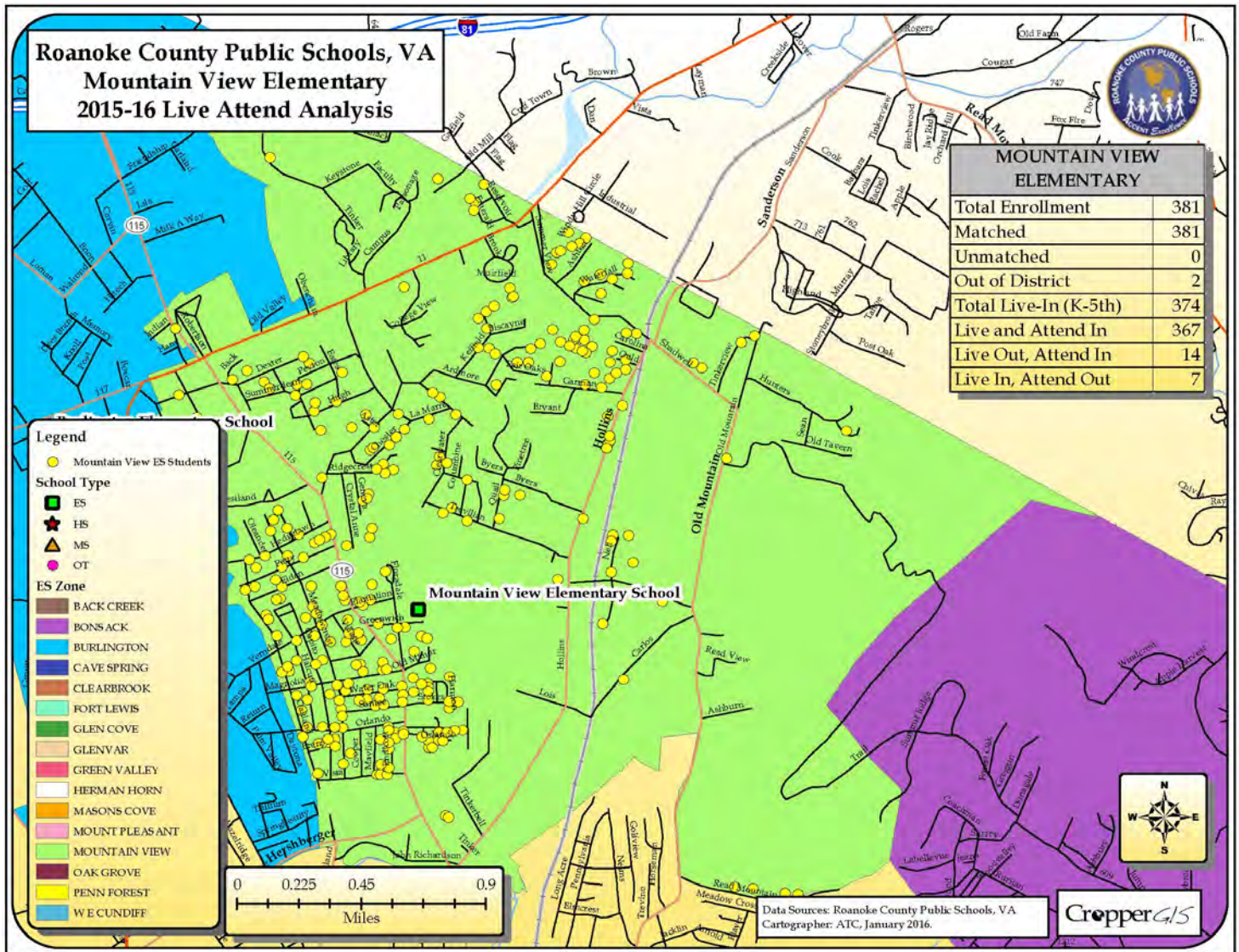
This map series focuses on illustrating the geographic distribution of Roanoke County Public Schools, RI 2015-16 students in relation to school attendance boundaries.

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:

MOUNTAIN VIEW ELEMENTARY	
Total Enrollment	381
Matched	381
Unmatched	0
Out of District	2
Total Live-In (K-5th)	374
Live and Attend In	367
Live Out, Attend In	14
Live In, Attend Out	7

Total Enrollment - number of students attending Mountain View ES.

Matched - number of students attending Mountain View 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 Roanoke County Public Schools 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 374 K-5th grade students living within the Mountain View 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, 367 K-5th grade students who live within the Mountain View ES attendance boundary also attend Mountain View ES.

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



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 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.

Where 2015-16 K-5th Students Live

Where 2015-16 K-5th Students Attend

		BACK CREEK	BONSACK	BURLINGTON	CAVE SPRING	CLEARBROOK	FORT LEWIS	GLEN COVE	GLENVAR	GREEN VALLEY	HERMAN HORN	MASONS COVE	MOUNT PLEASANT	MOUNTAIN VIEW	OAK GROVE	PENN FOREST	W.E.CUNDIFF	Out of District	Unmatched	Live Out	Attend In
		321	363	483	487	360	237	438	396	512	434	199	336	374	449	421	519	109	13		
BACK CREEK ELEMENTARY	317	313			1	2										1					4
BONSACK ELEMENTARY	380		358							4		5	4				1	8			22
BURLINGTON ELEMENTARY	468			467																1	0
CAVE SPRING ELEMENTARY	489				471		2	1	4					6						5	18
CLEARBROOK ELEMENTARY	353					2	346						1		1				1		7
FORT LEWIS ELEMENTARY	235							230							1					2	3
GLEN COVE ELEMENTARY	436	1		2					428											4	8
GLENVAR ELEMENTARY	402					4	1	390			1									4	10
GREEN VALLEY ELEMENTARY	510	1			1		1		491					4	4		2	5	1		18
HERMAN L. HORN ELEMENTARY	425		1							412		2					6	3	1		12
MASONS COVE ELEMENTARY	244		2	5	2	1		2		2	198	1		2			1	26	2		44
MOUNT PLEASANT ELEMENTARY	347			1				1	1	3		327					1	12	1		19
MOUNTAIN VIEW ELEMENTARY	381		2	6				1	1				367		2				2		14
OAK GROVE ELEMENTARY	460				1	2	1	1	10	1				436					7		24
PENN FOREST ELEMENTARY	460	6		1	9	9		2		2				1		413	1	14	2		45
W.E.CUNDIFF ELEMENTARY	544			1				2		14				1			507	18	1		37
Live In Attend Out		8	5	16	16	14	7	10	6	21	22	1	9	7	13	8	12				

Where 2015-16 6-8th Students Live

Where 2015-16 6-8th Students Attend

		CAVE SPRING	GLENVAR	HIDDEN VALLEY	NORTHSIDE	WILLIAM BYRD	Out of District	Unmatched	Live Out	Attend In
		760	427	583	669	795	30	17		
CAVE SPRING MIDDLE SCHOOL	771	753	1	6			6	5		13
GLENVAR MIDDLE SCHOOL	435	1	423		1	1	8	1		11
HIDDEN VALLEY MIDDLE SCHOOL	594	5	1	577	2	3	4	2		15
NORTHSIDE MIDDLE SCHOOL	676	1	2		663	3	3	4		9
WILLIAM BYRD MIDDLE SCHOOL	805				3	788	9	5		12
Live In Attend Out		7	4	6	6	7				





Where 2015-16 9-12th Students Live

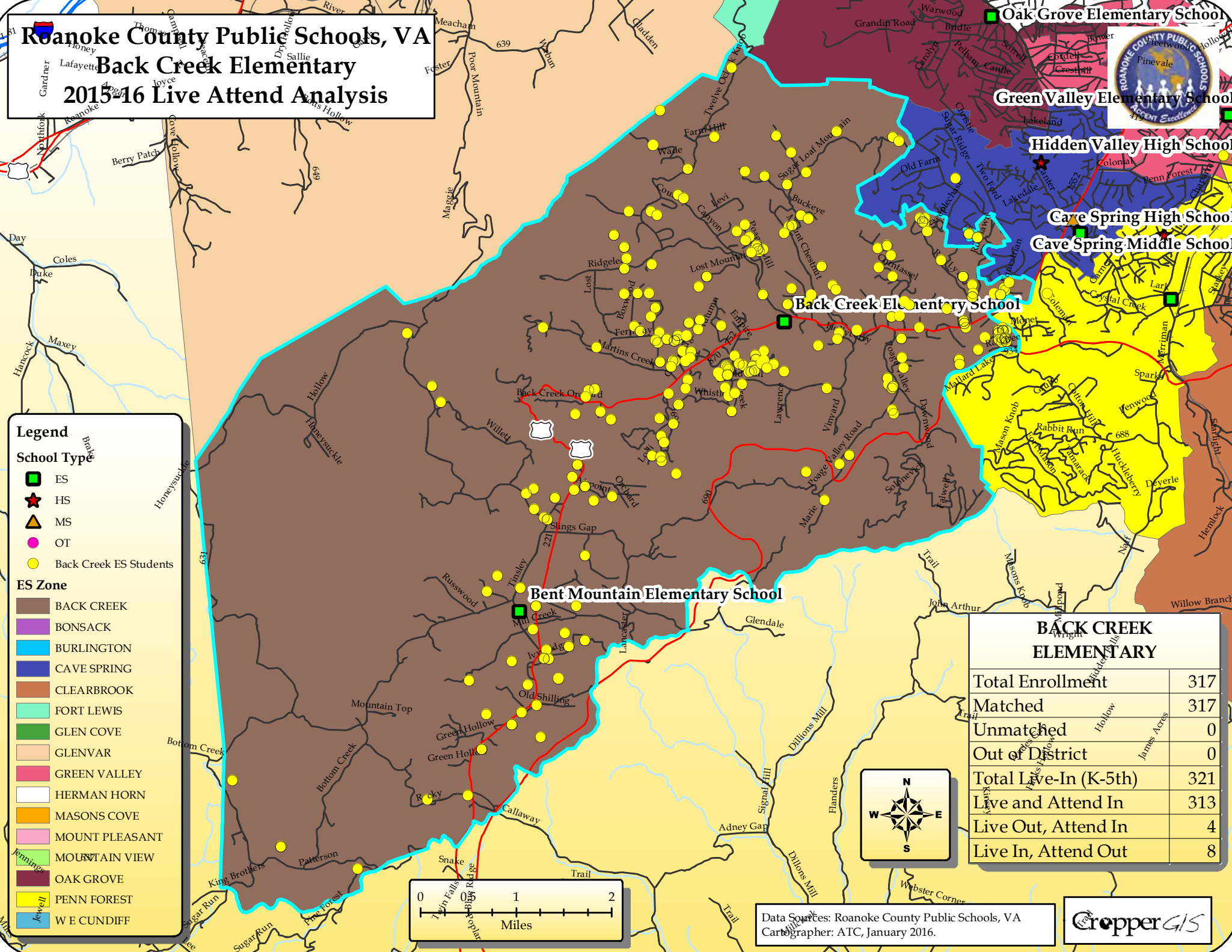
Where 2015-16 9-12th Students Attend

		CAVE SPRING	GLENVAR	HIDDEN VALLEY	NORTHSIDE	WILLIAM BYRD	Out of District	Unmatched	Live Out Attend In
		1069	552	881	1021	1129	64	15	
CAVE SPRING HIGH SCHOOL	1027	990	1	18	1	4	9	4	33
GLENVAR HIGH SCHOOL	566	4	542		7	1	11	1	23
HIDDEN VALLEY HIGH SCHOOL	952	71	1	862	6	2	10		90
NORTHSIDE HIGH SCHOOL	1040	3	6		1006	4	15	6	28
WILLIAM BYRD HIGH SCHOOL	1146	1	2	1	1	1118	19	4	24
Live In Attend Out		79	10	19	15	11			

Roanoke County Public Schools, VA

Back Creek Elementary

2015-16 Live Attend Analysis



- Legend**
- School Type**
- ES
 - ★ HS
 - ▲ MS
 - OT
 - Back Creek ES Students
- ES Zone**
- BACK CREEK
 - BONSACK
 - BURLINGTON
 - CAVE SPRING
 - CLEARBROOK
 - FORT LEWIS
 - GLEN COVE
 - GLENVAR
 - GREEN VALLEY
 - HERMAN HORN
 - MASONS COVE
 - MOUNT PLEASANT
 - MOUNTAIN VIEW
 - OAK GROVE
 - PENN FOREST
 - W E CUNDIFF

Oak Grove Elementary School

Green Valley Elementary School

Hidden Valley High School

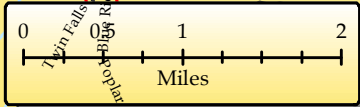
Cave Spring High School

Cave Spring Middle School

Back Creek Elementary School

Bent Mountain Elementary School

BACK CREEK ELEMENTARY	
Total Enrollment	317
Matched	317
Unmatched	0
Out of District	0
Total Live-In (K-5th)	321
Live and Attend In	313
Live Out, Attend In	4
Live In, Attend Out	8

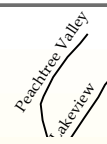


Data Sources: Roanoke County Public Schools, VA
Cartographer: ATC, January 2016.



Roanoke County Public Schools, VA

Bonsack Elementary



Legend

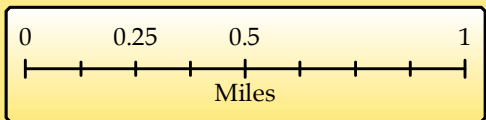
School Type

- ES
- ★ HS
- ▲ MS
- OT
- Bonsack ES Students

ES Zone

- BACK CREEK
- BONSACK
- BURLINGTON
- CAVE SPRING
- CLEARBROOK
- FORT LEWIS
- GLEN COVE
- GLENVAR
- GREEN VALLEY
- HERMAN HORN
- MASONS COVE
- MOUNT PLEASANT
- MOUNTAIN VIEW
- OAK GROVE
- PENN FOREST
- W E CUNDIFF

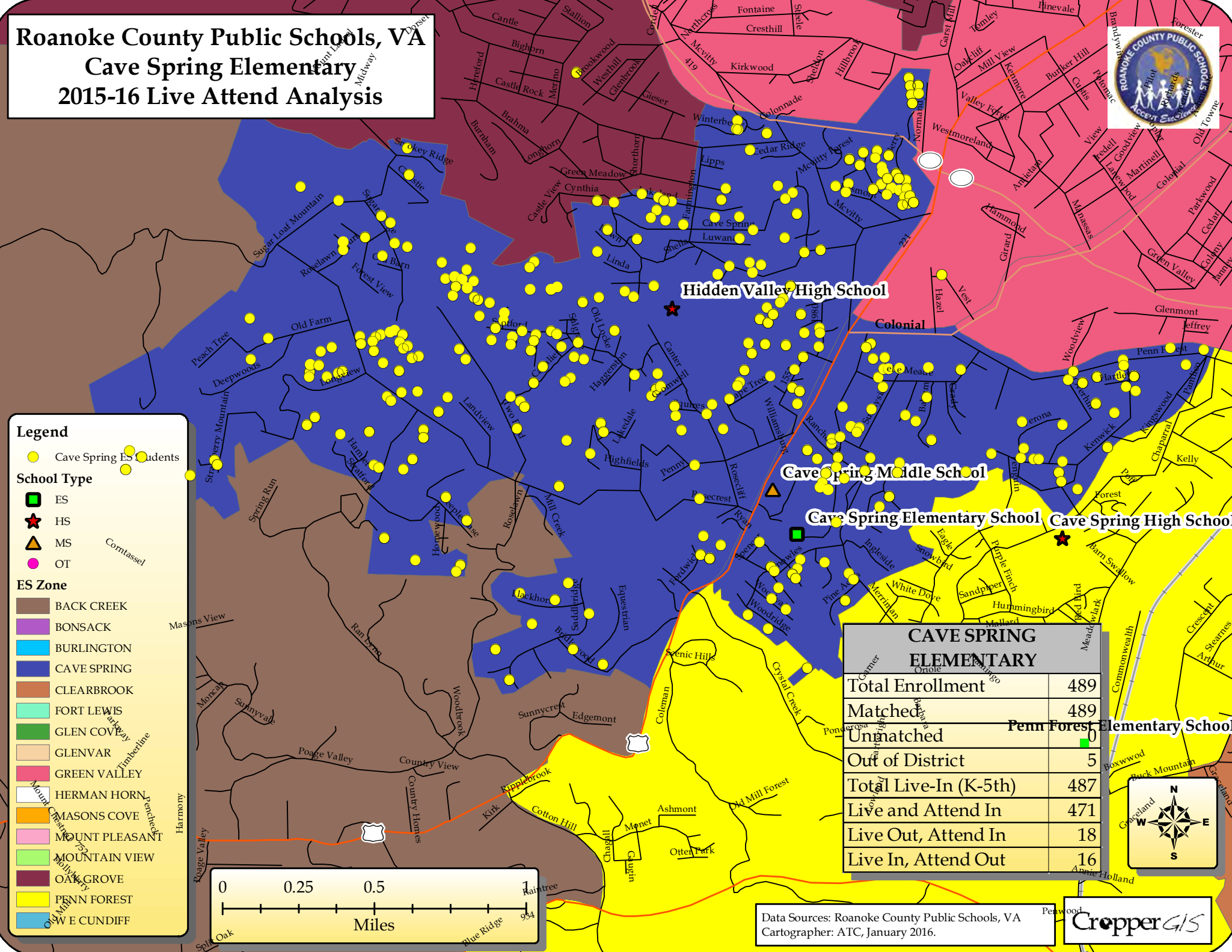
Total Enrollment	380
Matched	380
Unmatched	0
Out of District	8
Total Live-In (K-5th)	363
Live and Attend In	358
Live Out, Attend In	22
Live In, Attend Out	5



Roanoke County Public Schools, VA

Cave Spring Elementary

2015-16 Live Attend Analysis



Legend

- Cave Spring ES Students

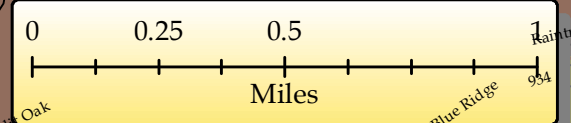
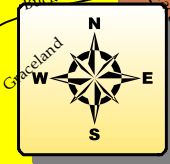
School Type

- ES
- ★ HS
- ▲ MS
- OT

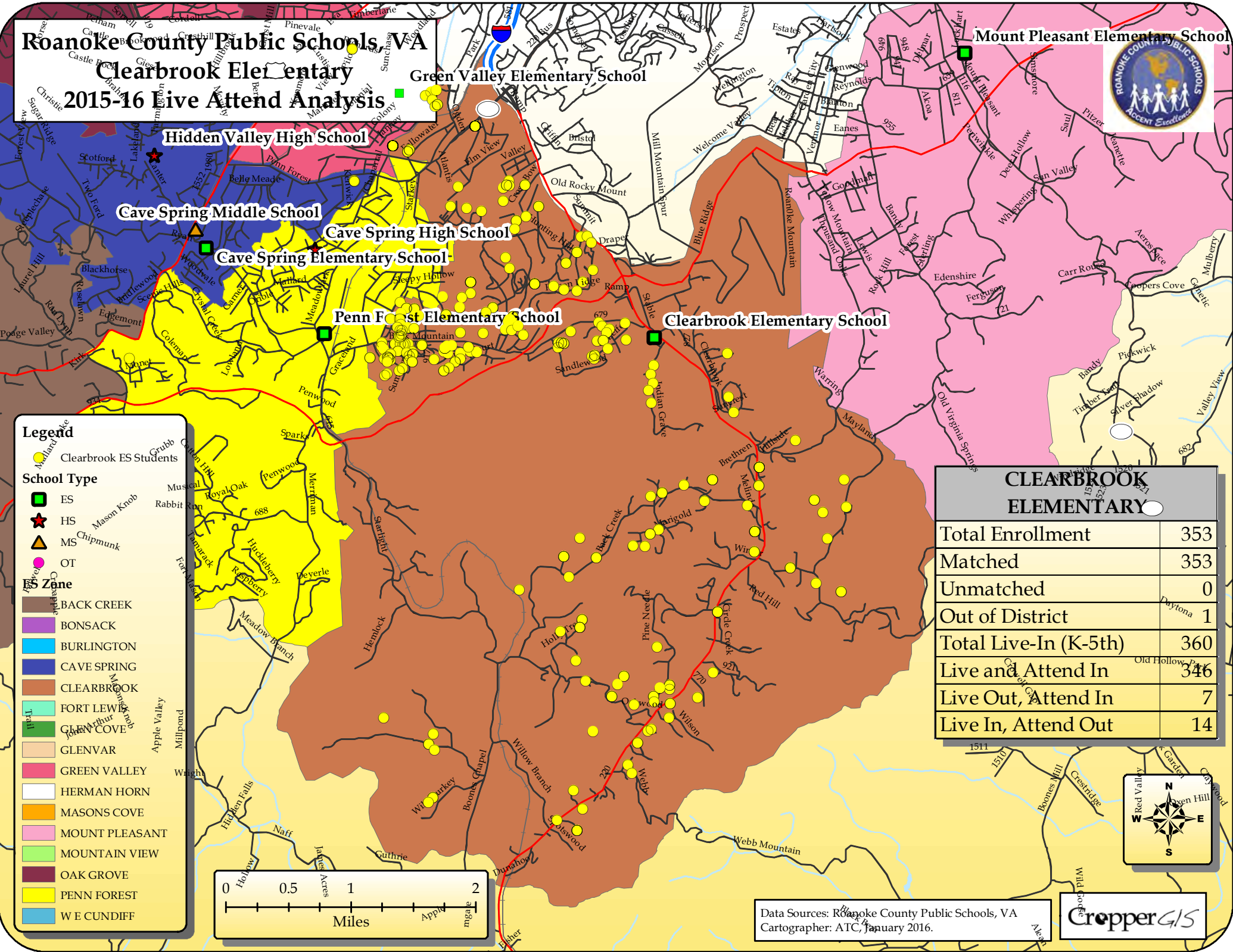
ES Zone

- BACK CREEK
- BONSACK
- BURLINGTON
- CAVE SPRING
- CLEARBROOK
- FORT LEWIS
- GLEN COVE
- GLENVAR
- GREEN VALLEY
- HERMAN HORN
- MASONS COVE
- MOUNT PLEASANT
- MOUNTAIN VIEW
- OAK GROVE
- PENN FOREST
- W E CUNDIFF

CAVE SPRING ELEMENTARY	
Total Enrollment	489
Matched	489
Unmatched	0
Out of District	5
Total Live-In (K-5th)	487
Live and Attend In	471
Live Out, Attend In	18
Live In, Attend Out	16



Roanoke County Public Schools, VA
Clearbrook Elementary
2015-16 Live Attend Analysis



Legend

- Yellow circle: Clearbrook ES Students

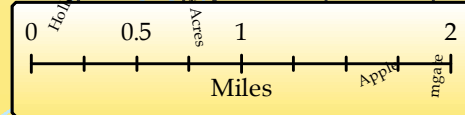
School Type

- Green square: ES
- Red star: HS
- Yellow triangle: MS
- Pink circle: OT

ES Zone

- Brown: BACK CREEK
- Purple: BONSACK
- Light blue: BURLINGTON
- Dark blue: CAVE SPRING
- Brown: CLEARBROOK
- Light green: FORT LEWIS
- Dark green: GLEN COVE
- Light brown: GLENVAR
- Pink: GREEN VALLEY
- White: HERMAN HORN
- Orange: MASONS COVE
- Pink: MOUNT PLEASANT
- Light green: MOUNTAIN VIEW
- Dark purple: OAK GROVE
- Yellow: PENN FOREST
- Blue: W E CUNDIFF

CLEARBROOK ELEMENTARY	
Total Enrollment	353
Matched	353
Unmatched	0
Out of District	1
Total Live-In (K-5th)	360
Live and Attend In	346
Live Out, Attend In	7
Live In, Attend Out	14



Data Sources: Roanoke County Public Schools, VA
 Cartographer: ATC, January 2016.

CropperGIS

Roanoke County Public Schools, VA

Fort Lewis Elementary 2015-16 Live Attend Analysis



Legend

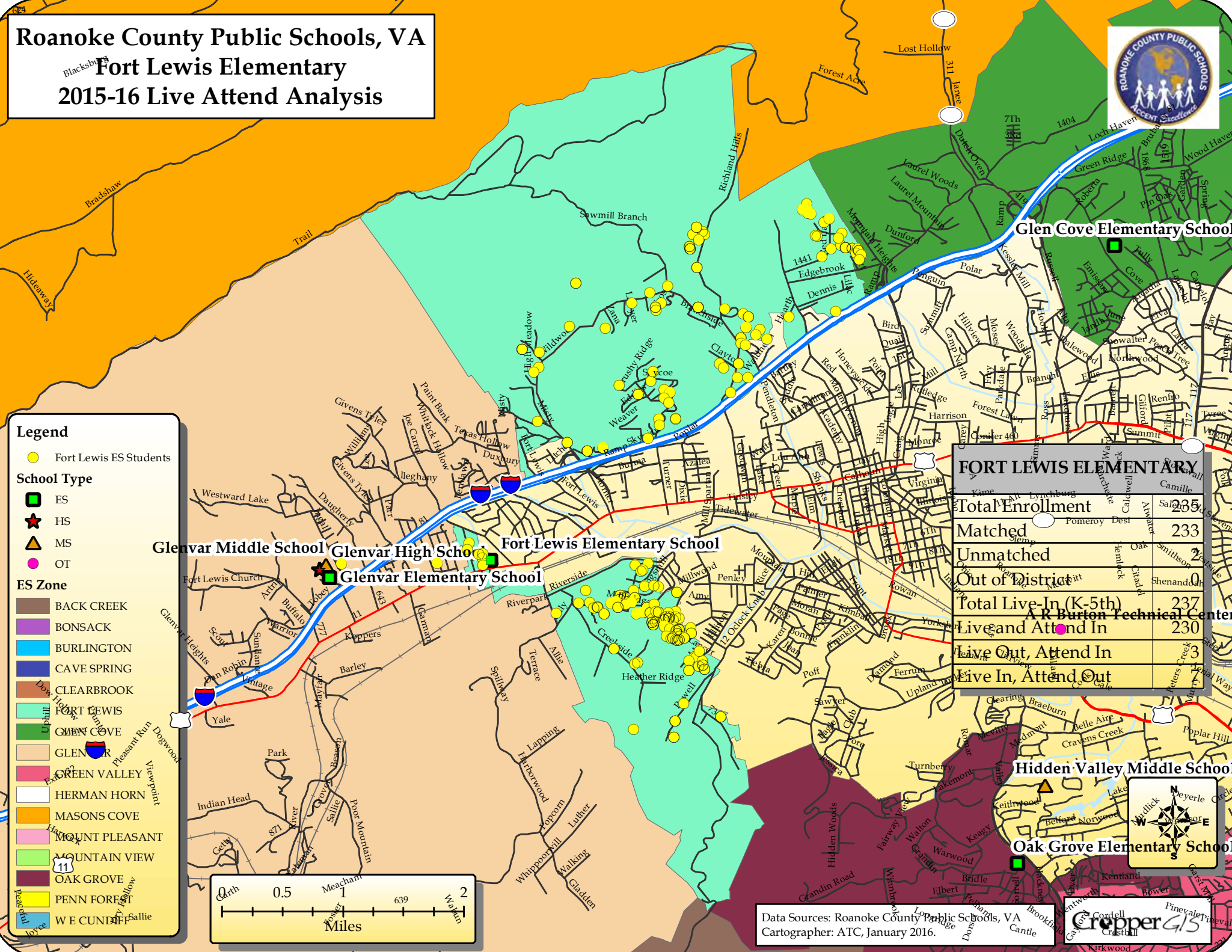
- Yellow circle: Fort Lewis ES Students

School Type

- Green square: ES
- Red star: HS
- Yellow triangle: MS
- Pink circle: OT

ES Zone

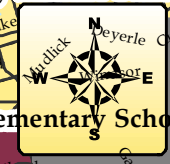
- BACK CREEK
- BONSACK
- BURLINGTON
- CAVE SPRING
- CLEARBROOK
- FORT LEWIS
- GLEN COVE
- GLEN HORN
- GREEN VALLEY
- HERMAN HORN
- MASONS COVE
- MOUNT PLEASANT
- MOUNTAIN VIEW
- OAK GROVE
- PENN FORD
- WE CUNDIFF



FORT LEWIS ELEMENTARY	
Total Enrollment	235
Matched	233
Unmatched	
Out of District	
Total Live-In (K-5th)	237
Live and Attend In	230
Live Out, Attend In	3
Live In, Attend Out	



Data Sources: Roanoke County Public Schools, VA
 Cartographer: ATC, January 2016.



Roanoke County Public Schools, VA

Glen Cove Elementary

2015-16 Live Attend Analysis



Legend

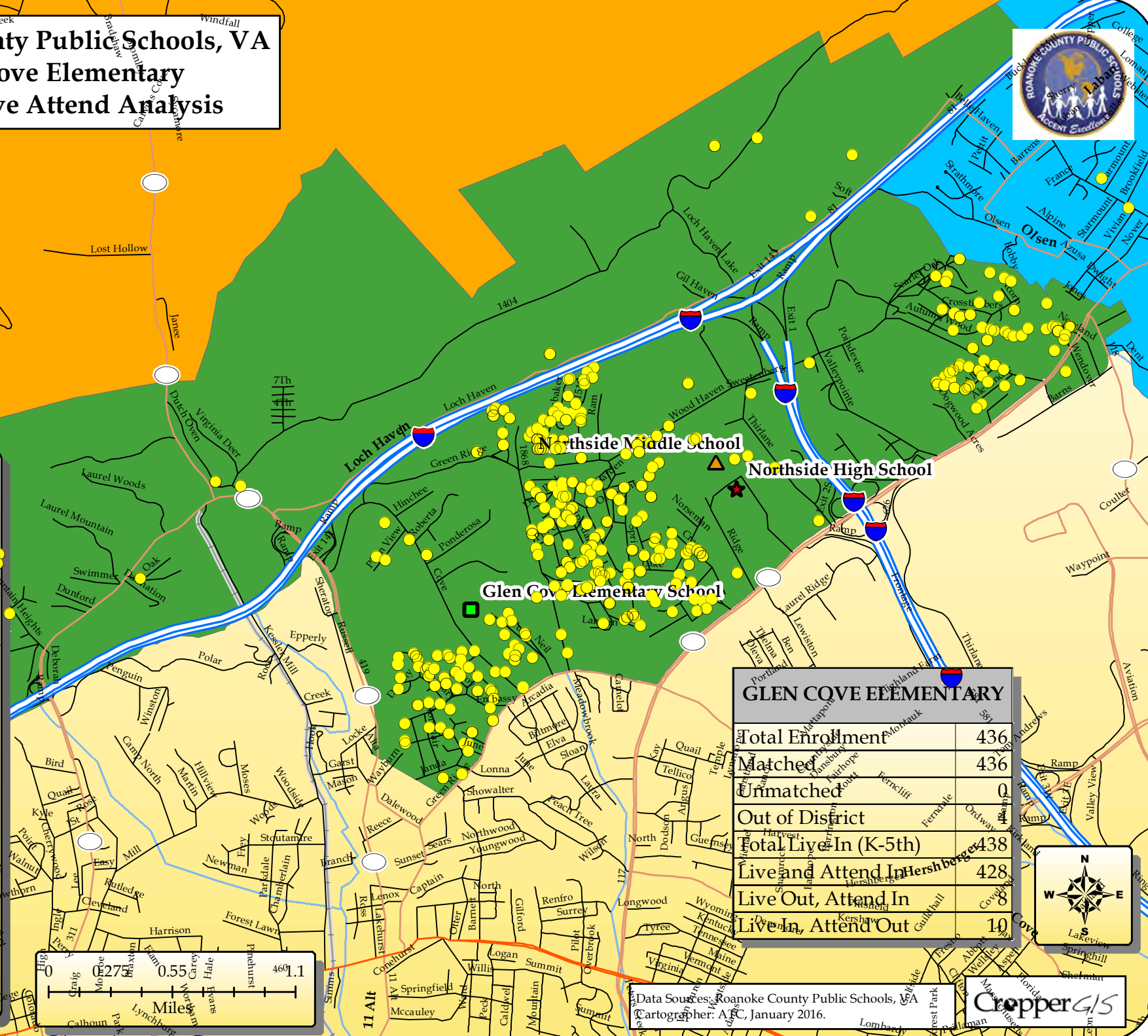
- Glen Cove ES Students

School Type

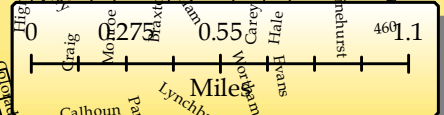
- ES (Green square)
- HS (Red star)
- MS (Yellow triangle)
- OT (Pink circle)

ES Zone

- BACK CREEK
- BONSACK
- BURLINGTON
- CAVE SPRING
- CLEARBROOK
- FORT LEWIS
- GLEN COVE
- GLENVAR
- GREEN VALLEY
- HERMAN HORN
- MASON'S COVE
- MOUNT PLEASANT
- MOUNTAIN VIEW
- OAK GROVE
- PENNINGTON
- WELLSVILLE



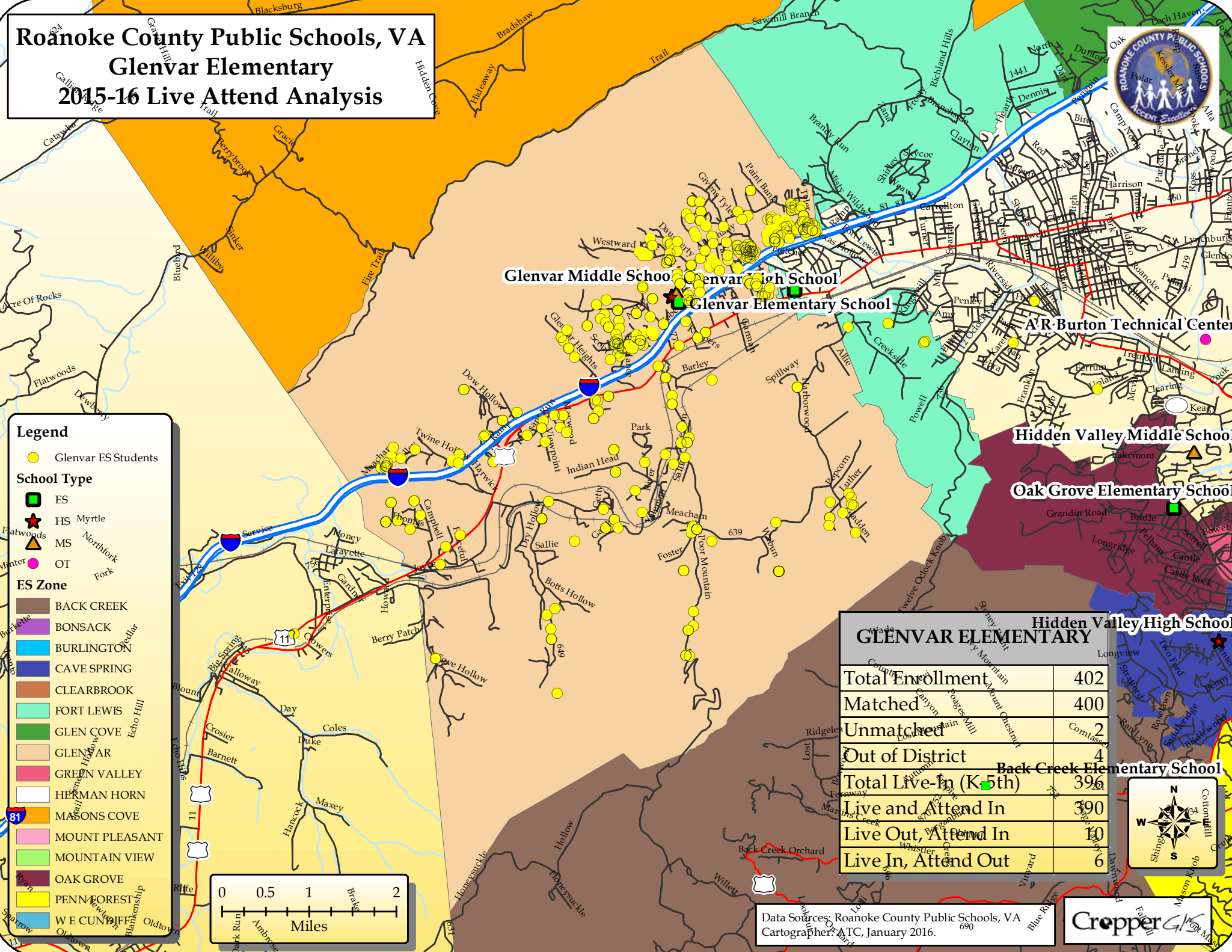
GLEN COVE ELEMENTARY	
Total Enrollment	436
Matched	436
Unmatched	0
Out of District	4
Total Live-In (K-5th)	438
Live and Attend In	428
Live Out, Attend In	8
Live In, Attend Out	10



Roanoke County Public Schools, VA

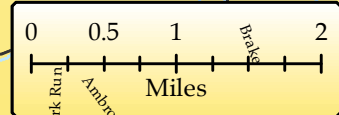
Glenvar Elementary

2015-16 Live Attend Analysis

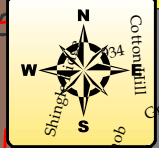


- Legend**
- Glenvar ES Students
- School Type**
- ES
 - ★ HS Myrtle
 - ▲ MS
 - OT
- ES Zone**
- BACK CREEK
 - BONSACK
 - BURLINGTON
 - CAVE SPRING
 - CLEARBROOK
 - FORT LEWIS
 - GLEN COVE
 - GLENVAR
 - GREEN VALLEY
 - HERMAN HORN
 - MASON'S COVE
 - MOUNT PLEASANT
 - MOUNTAIN VIEW
 - OAK GROVE
 - PENN FOREST
 - W E CUNIFF

GLENVAR ELEMENTARY	
Total Enrollment	402
Matched	400
Unmatched	2
Out of District	4
Total Live-In (K-5th)	396
Live and Attend In	390
Live Out, Attend In	10
Live In, Attend Out	6

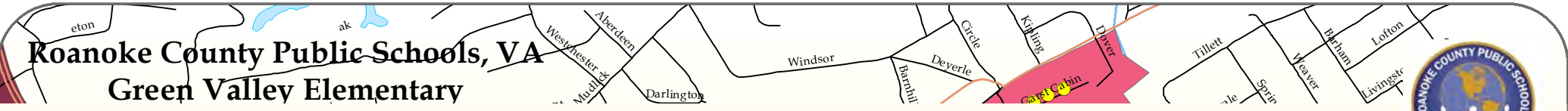


Data Sources: Roanoke County Public Schools, VA
 Cartographer: ATC, January 2016.



Roanoke County Public Schools, VA

Green Valley Elementary



Legend

● Green Valley ES Students

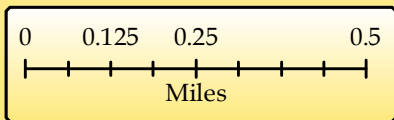
School Type

- ES
- ★ HS
- ▲ MS
- OT

ES Zone

- BACK CREEK
- BONSACK
- BURLINGTON
- CAVE SPRING
- CLEARBROOK
- FORT LEWIS
- GLEN COVE
- GLENVAR
- GREEN VALLEY
- HERMAN HORN
- MASONS COVE
- MOUNT PLEASANT
- MOUNTAIN VIEW
- OAK GROVE
- PENN FOREST
- W E CUNDIFF

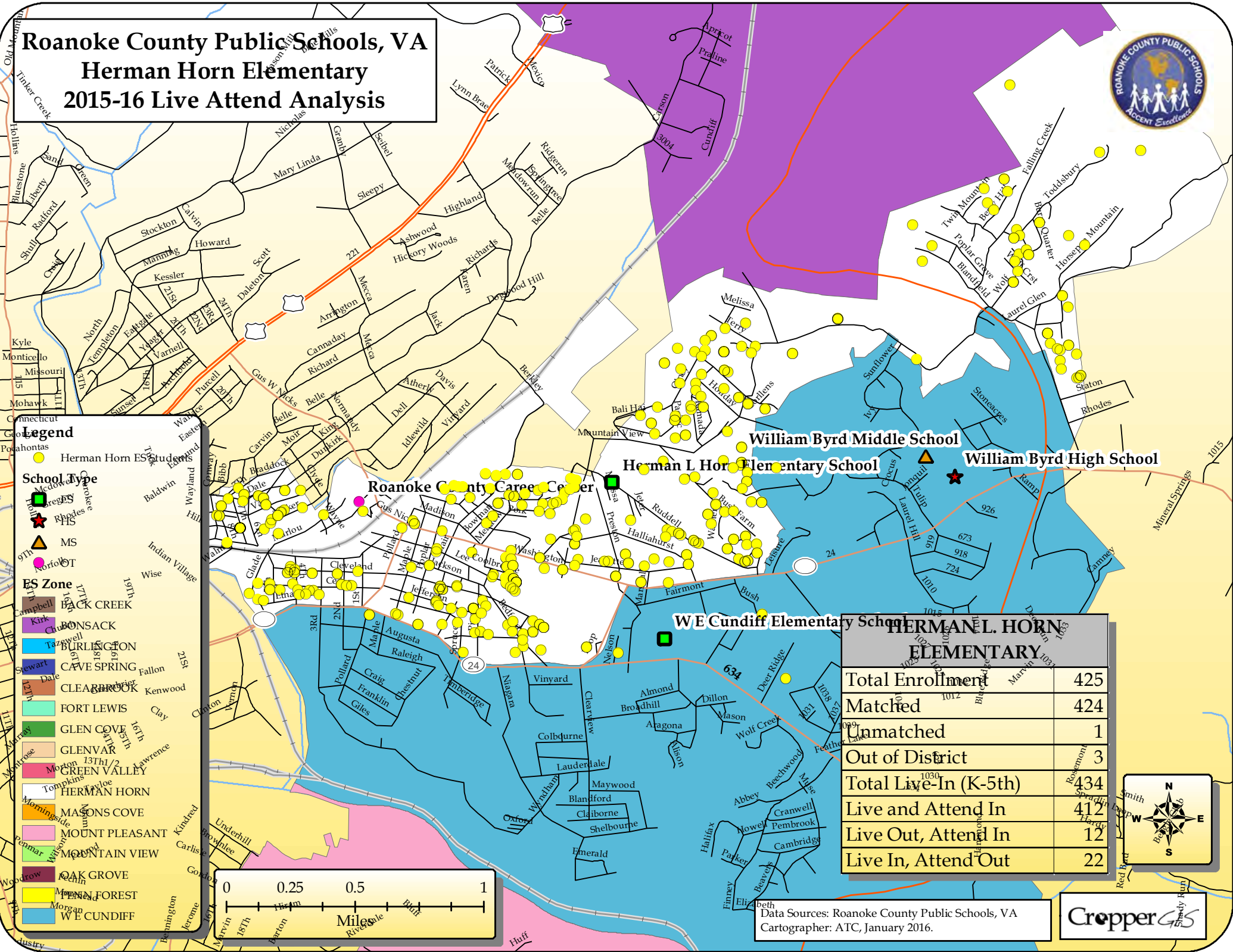
Total Enrollment	510
Matched	509
Unmatched	1
Out of District	5
Total Live-In (K-5th)	512
Live and Attend In	491
Live Out, Attend In	18
Live In, Attend Out	21



Roanoke County Public Schools, VA

Herman Horn Elementary

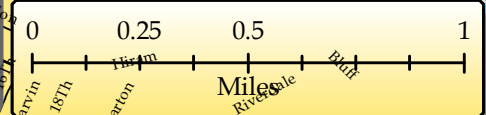
2015-16 Live Attend Analysis



Legend

- Yellow dot: Herman Horn ES Students
- School Type**
 - Green square: ES
 - Red star: MS
 - Orange triangle: HS
- ES Zone**
 - Campbell
 - Kirk
 - Tazewell
 - Stewart
 - Dale
 - Green Valley
 - Glenvar
 - Green Valley
 - Herman Horn
 - Morningside
 - Pennington
 - Woodrow
 - WE CUNDIFF

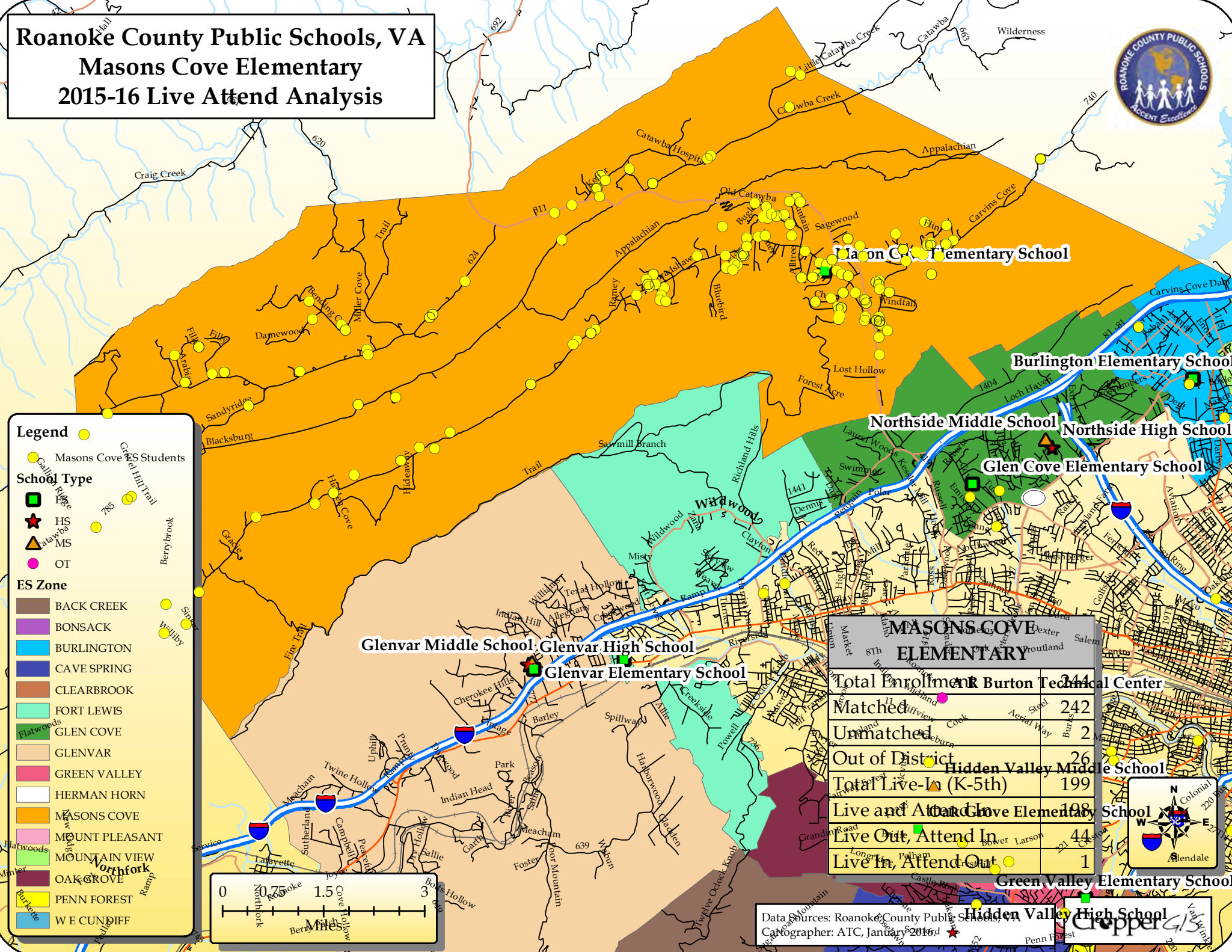
HERMAN L. HORN ELEMENTARY	
Total Enrollment	425
Matched	424
Unmatched	1
Out of District	3
Total Live-In (K-5th)	434
Live and Attend In	412
Live Out, Attend In	12
Live In, Attend Out	22



Data Sources: Roanoke County Public Schools, VA
 Cartographer: ATC, January 2016.



Roanoke County Public Schools, VA Masons Cove Elementary 2015-16 Live Attend Analysis



Legend

- Masons Cove ES Students
- Gallia Ridge
- Green Hill Trail
- 765
- Berrybrook
- Sully
- Wolfcreek

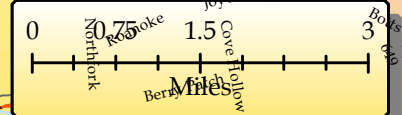
School Type

- ES
- ★ HS
- ▲ MS
- OT

ES Zone

- BACK CREEK
- BONSACK
- BURLINGTON
- CAVE SPRING
- CLEARBROOK
- FORT LEWIS
- FLATWOODS
- GLEN COVE
- GLENVAR
- GREEN VALLEY
- HERMAN HORN
- MASONS COVE
- MOUNT PLEASANT
- MOUNTAIN VIEW
- MOUNTAIN VIEW NORTHFORK
- OAK GROVE
- PENN FOREST
- W E CUNDIFF

MASONS COVE ELEMENTARY	
Total Enrollment	244
Matched	242
Unmatched	2
Out of District	26
Total Live-In (K-5th)	199
Live and Attend In	144
Live Out, Attend In	44
Live In, Attend Out	1



Data Sources: Roanoke County Public Schools
Cartographer: ATC, January 2016

Roanoke County Public Schools, VA

Mountain View Elementary

2015-16 Live Attend Analysis



MOUNTAIN VIEW ELEMENTARY		
Total Enrollment		381
Matched		381
Unmatched		0
Out of District		2
Total Live-In (K-5th)		374
Live and Attend In		367
Live Out, Attend In		14
Live In, Attend Out		7

Legend

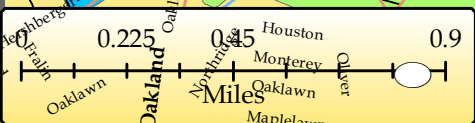
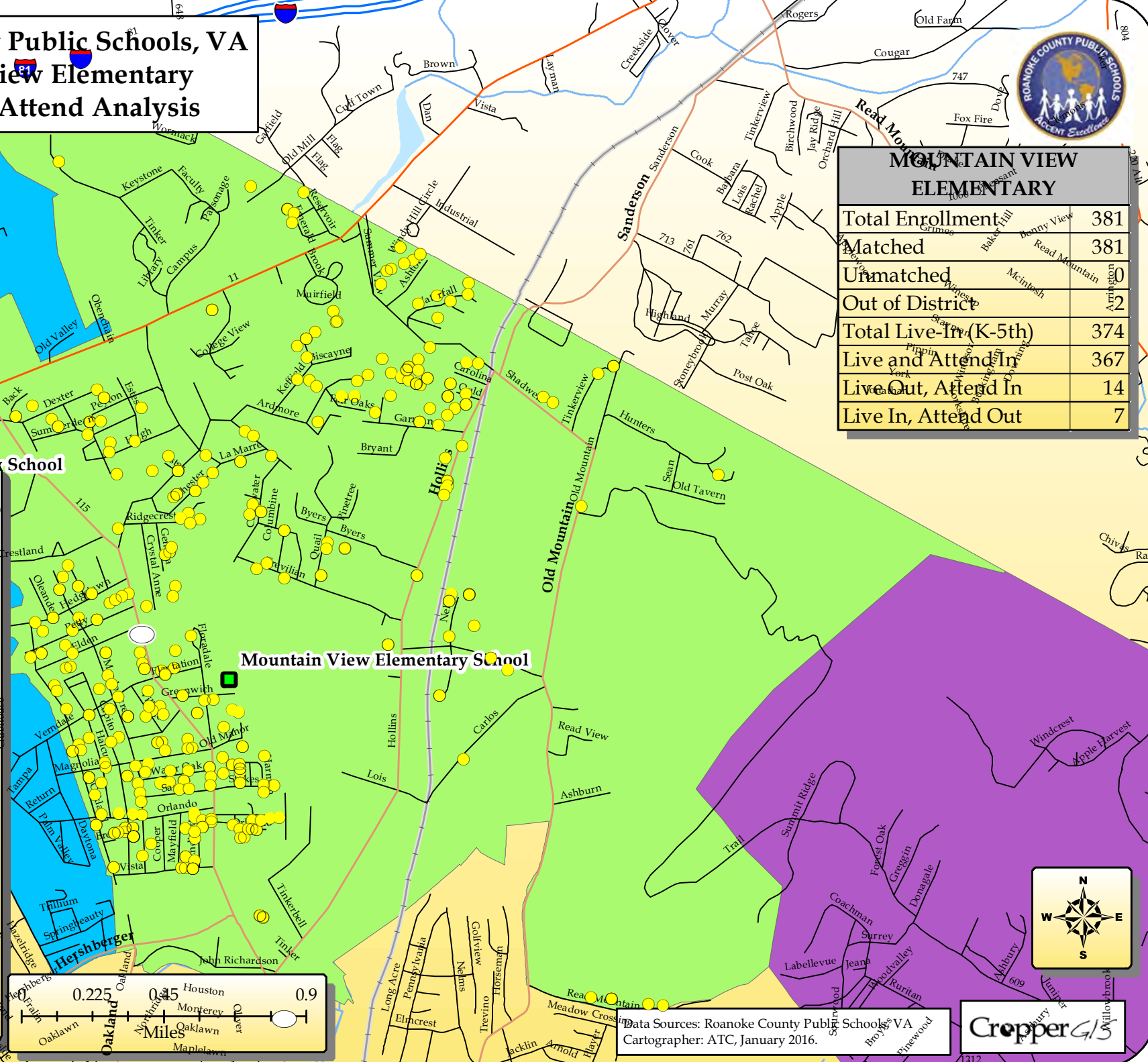
- Mountain View ES Student

School Type

- ES
- HS
- MS
- OT

ES Zone

- BACK CREEK
- BONSACK
- BURLINGTON
- CAMP SPRING
- CLYDE BROOK
- FORT LEWIS
- GLEN COVE
- GLEN LAKE
- GREEN VALLEY
- HERMAN HORN
- MASONS COVE
- MOUNT PLEASANT
- MOUNTAIN VIEW
- OAK GROVE
- PENN FOREST
- W E CUNDIFF



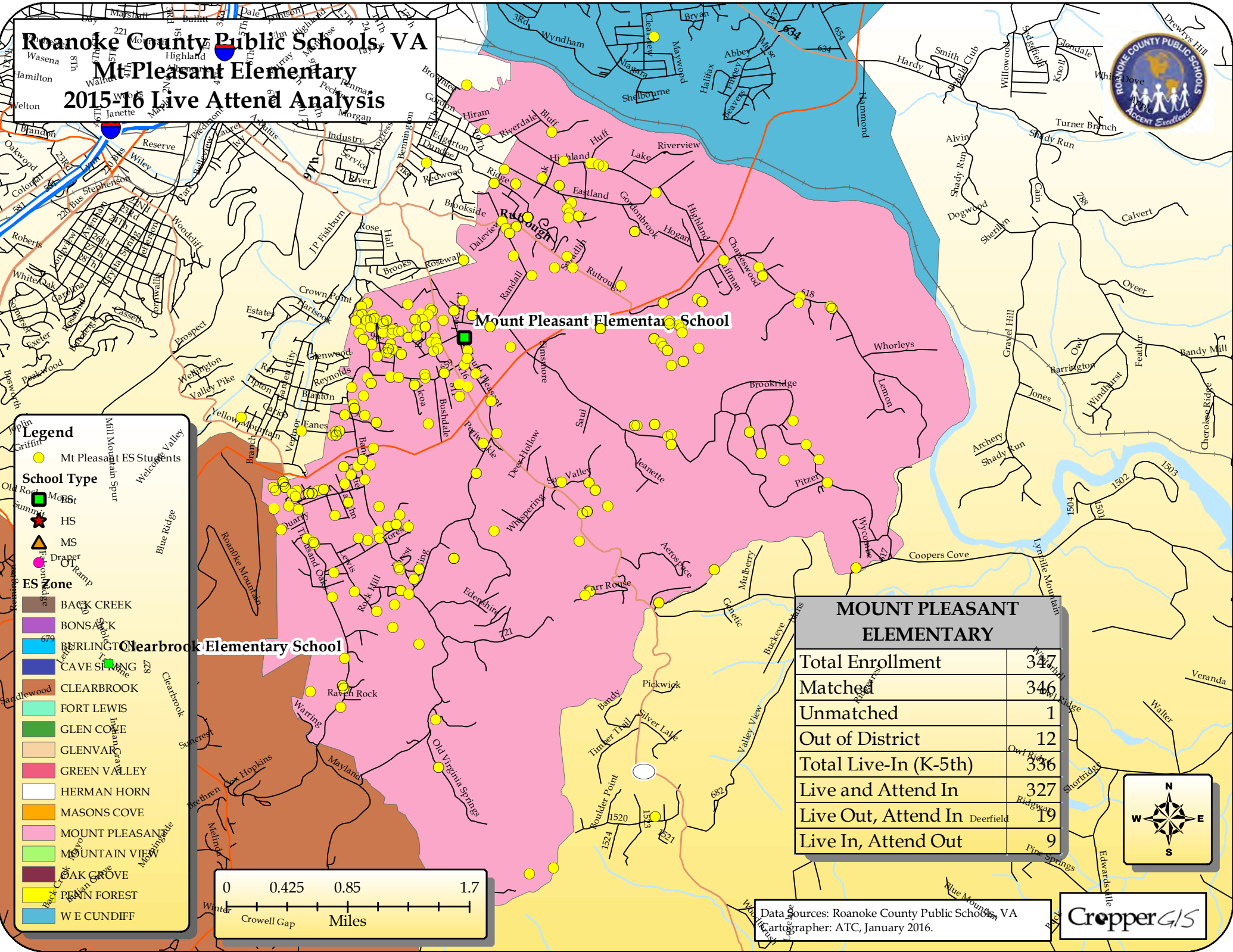
Data Sources: Roanoke County Public Schools, VA
 Cartographer: ATC, January 2016.



Roanoke County Public Schools, VA

Mt Pleasant Elementary

2015-16 Live Attend Analysis



Legend

- Mt Pleasant ES Students
- Most
- ★ HS
- ▲ MS
- Draper
- Ramp

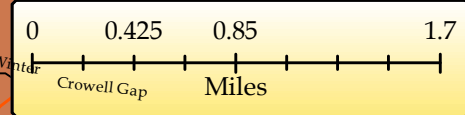
School Type

- Most
- ★ HS
- ▲ MS
- Draper
- Ramp

ES Zone

- BACK CREEK
- BONAACK
- BURLINGAME
- CAVE SPRING
- CLEARBROOK
- FORT LEWIS
- GLEN COVE
- GLENVAR
- GREEN VALLEY
- HERMAN HORN
- MASON'S COVE
- MOUNT PLEASANT
- MOUNTAIN VIEW
- OAK GROVE
- PENN FOREST
- WE CUNDIFF

MOUNT PLEASANT ELEMENTARY	
Total Enrollment	347
Matched	346
Unmatched	1
Out of District	12
Total Live-In (K-5th)	336
Live and Attend In	327
Live Out, Attend In	19
Live In, Attend Out	9



Data Sources: Roanoke County Public Schools, VA
 Cartographer: ATC, January 2016.



Roanoke County Public Schools, VA

Oak Grove Elementary



Legend

● Oak Grove ES Students

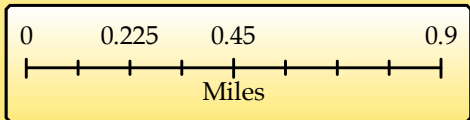
School Type

- ES
- ★ HS
- ▲ MS
- OT

ES Zone

- BACK CREEK
- BONSACK
- BURLINGTON
- CAVE SPRING
- CLEARBROOK
- FORT LEWIS
- GLEN COVE
- GLENVAR
- GREEN VALLEY
- HERMAN HORN
- MASONS COVE
- MOUNT PLEASANT
- MOUNTAIN VIEW
- OAK GROVE
- PENN FOREST
- W E CUNDIFF

Total Enrollment	460
Matched	460
Unmatched	0
Out of District	7
Total Live-In (K-5th)	449
Live and Attend In	436
Live Out, Attend In	24
Live In, Attend Out	13



Roanoke County Public Schools, VA

Penn Forest Elementary

2015-16 Live Attend Analysis



Hidden Valley High School

Cave Spring Middle School

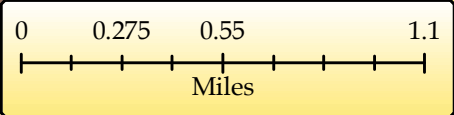
Cave Spring Elementary School Cave Spring High School

Penn Forest Elementary School

Legend

- Penn Forest ES Students
- School Type**
- ES
- HS
- MS
- OT
- ES Zone**
- BACK CREEK
- BONSACK
- BURLINGTON
- CAVE SPRING
- CLEARBROOK
- FORT LEWIS
- GLEN COVE
- GLENVAR
- GREEN VALLEY
- HERMAN HORN
- MASONS COVE
- MOUNT PLEASANT
- MOUNTAIN VIEW
- OAK GROVE
- PENN FOREST
- W E CUNDIFF

PENN FOREST ELEMENTARY	
Total Enrollment	460
Matched	458
Unmatched	2
Out of District	14
Total Live-In (K-5th)	421
Live and Attend In	413
Live Out, Attend In	45
Live In, Attend Out	8



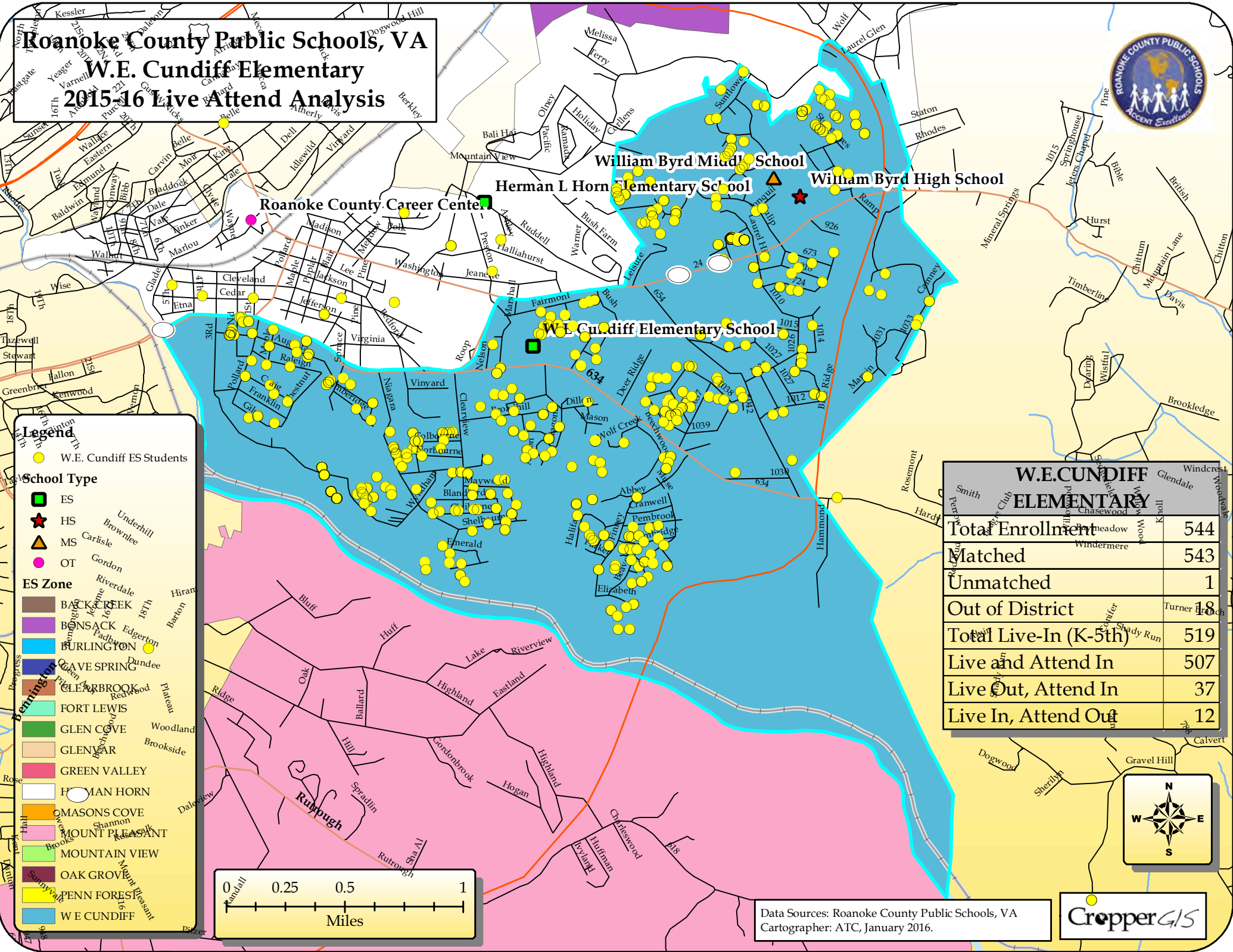
Data Sources: Roanoke County Public Schools, VA
Cartographer: ATC, January 2016.



Roanoke County Public Schools, VA

W.E. Cundiff Elementary

2015-16 Live Attend Analysis



Legend

- W.E. Cundiff ES Students

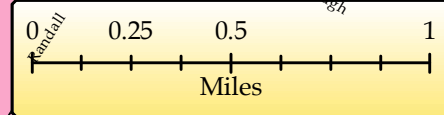
School Type

- ES
- ★ HS
- ▲ MS
- OT

ES Zone

- BACK CREEK
- BONSACK
- BURLINGTON
- CAVE SPRING
- CLEARBROOK
- FORT LEWIS
- GLEN COVE
- GLENSIDE
- GREEN VALLEY
- HUMAN HORN
- MASONS COVE
- MOUNT PLEASANT
- MOUNTAIN VIEW
- OAK GROVE
- PENN FOREST
- W E CUNDIFF

W.E.CUNDIFF ELEMENTARY	
Total Enrollment	544
Matched	543
Unmatched	1
Out of District	18
Total Live-In (K-5th)	519
Live and Attend In	507
Live Out, Attend In	37
Live In, Attend Out	12



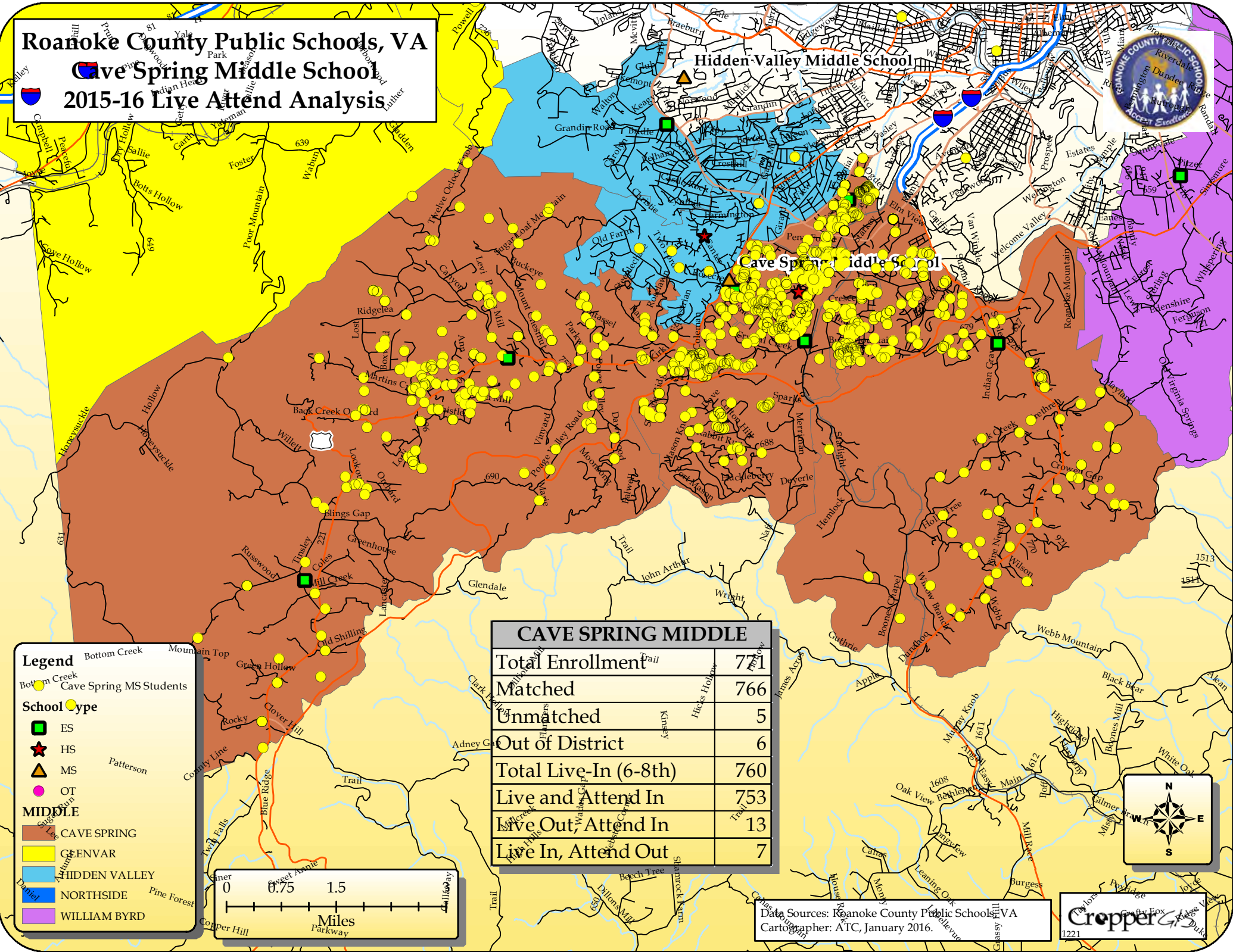
Data Sources: Roanoke County Public Schools, VA
 Cartographer: ATC, January 2016.



Roanoke County Public Schools, VA

Cave Spring Middle School

2015-16 Live Attend Analysis



Legend

- Bottom Creek
- Bottom Creek
- Cave Spring MS Students

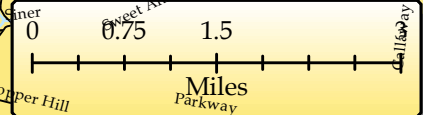
School Type

- ES
- ★ HS
- ▲ MS
- OT

MIDDLE

- CAVE SPRING
- GREENVAR
- HIDDEN VALLEY
- NORTHSIDE
- WILLIAM BYRD

CAVE SPRING MIDDLE	
Total Enrollment	771
Matched	766
Unmatched	5
Out of District	6
Total Live-In (6-8th)	760
Live and Attend In	753
Live Out, Attend In	13
Live In, Attend Out	7



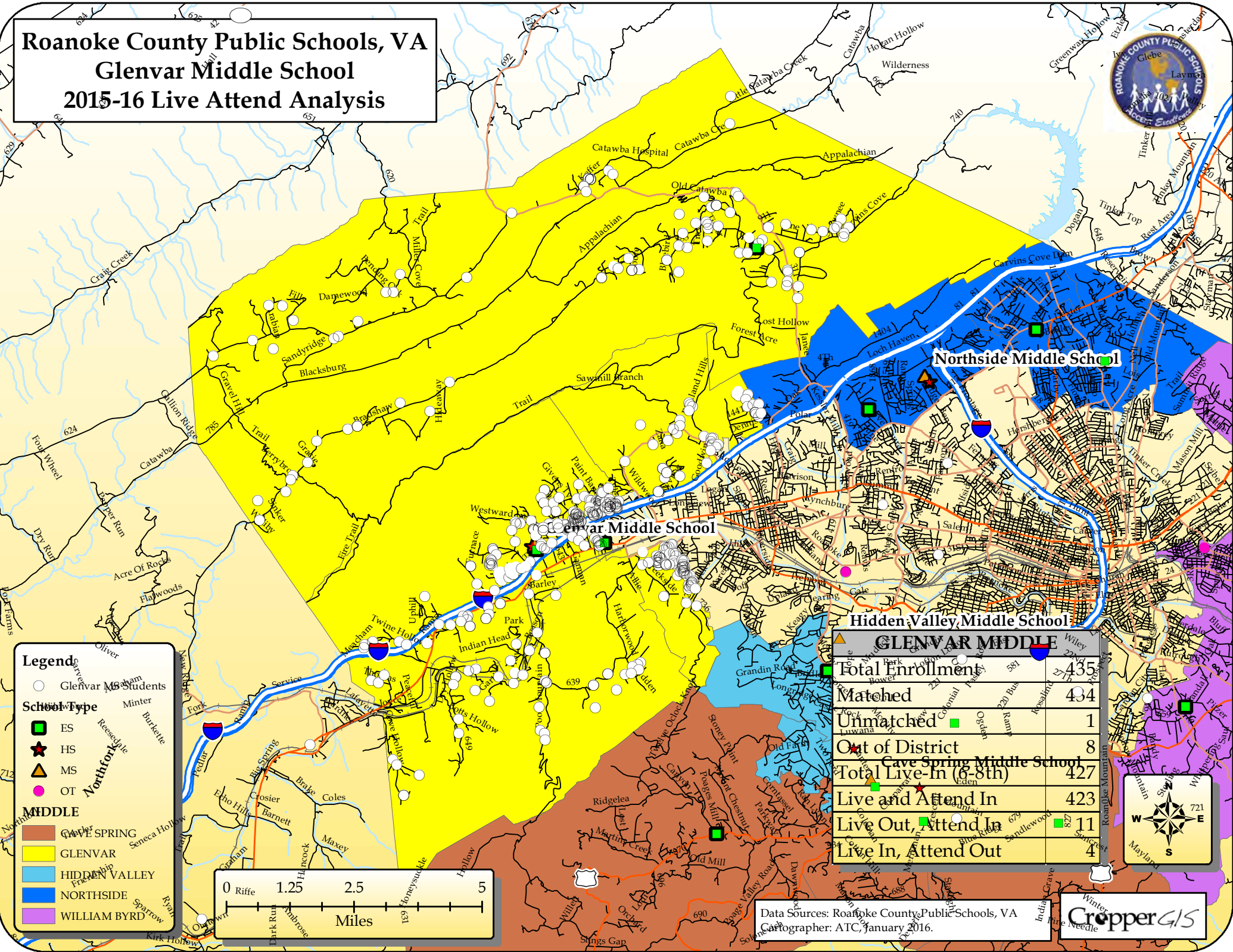
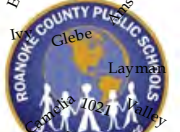
Data Sources: Roanoke County Public Schools, VA
 Cartographer: ATC, January 2016.



Roanoke County Public Schools, VA

Glenvar Middle School

2015-16 Live Attend Analysis



Legends

- Glenvar MS Students

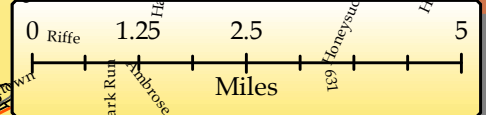
School Type

- ES
- ★ HS
- ▲ MS
- OT

MIDDLE

- CAVE SPRING
- GLENVAR
- HIDDEN VALLEY
- NORTHSIDE
- WILLIAM BYRD

GLENVAR MIDDLE	
Total Enrollment	435
Matched	434
Unmatched	1
Out of District	8
Cave Spring Middle School	
Total Live-In (6-8th)	427
Live and Attend In	423
Live Out, Attend In	11
Live In, Attend Out	4



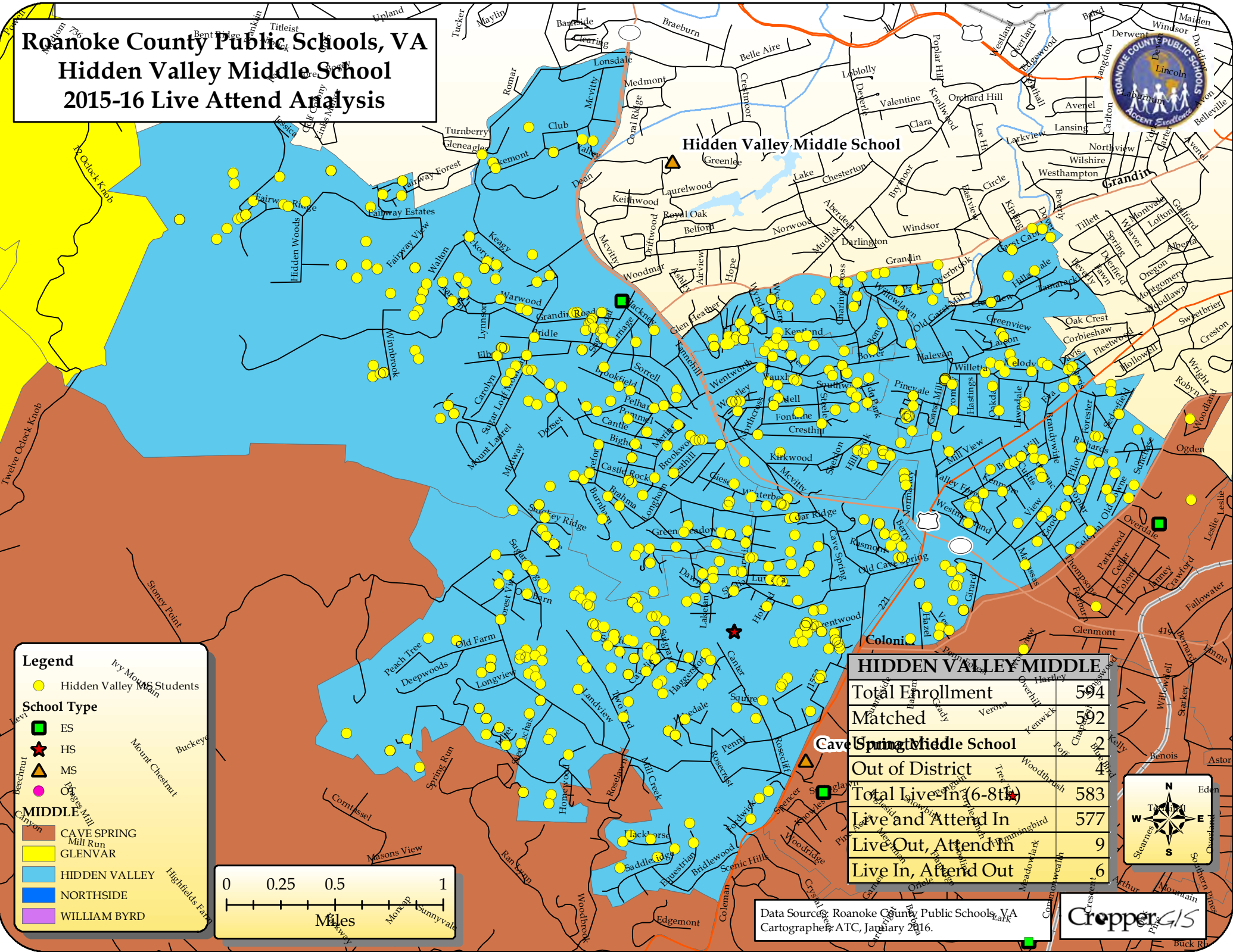
Roanoke County Public Schools, VA

Hidden Valley Middle School

2015-16 Live Attend Analysis



Hidden Valley Middle School



Legend

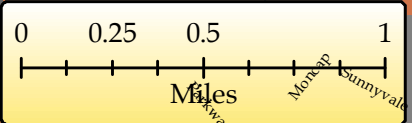
- Hidden Valley Middle Students

School Type

- ES
- ★ HS
- ▲ MS
- Other

MIDDLE

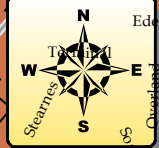
- CAVE SPRING
- MILL RUN
- GLENVAR
- HIDDEN VALLEY
- NORTHSIDE
- WILLIAM BYRD



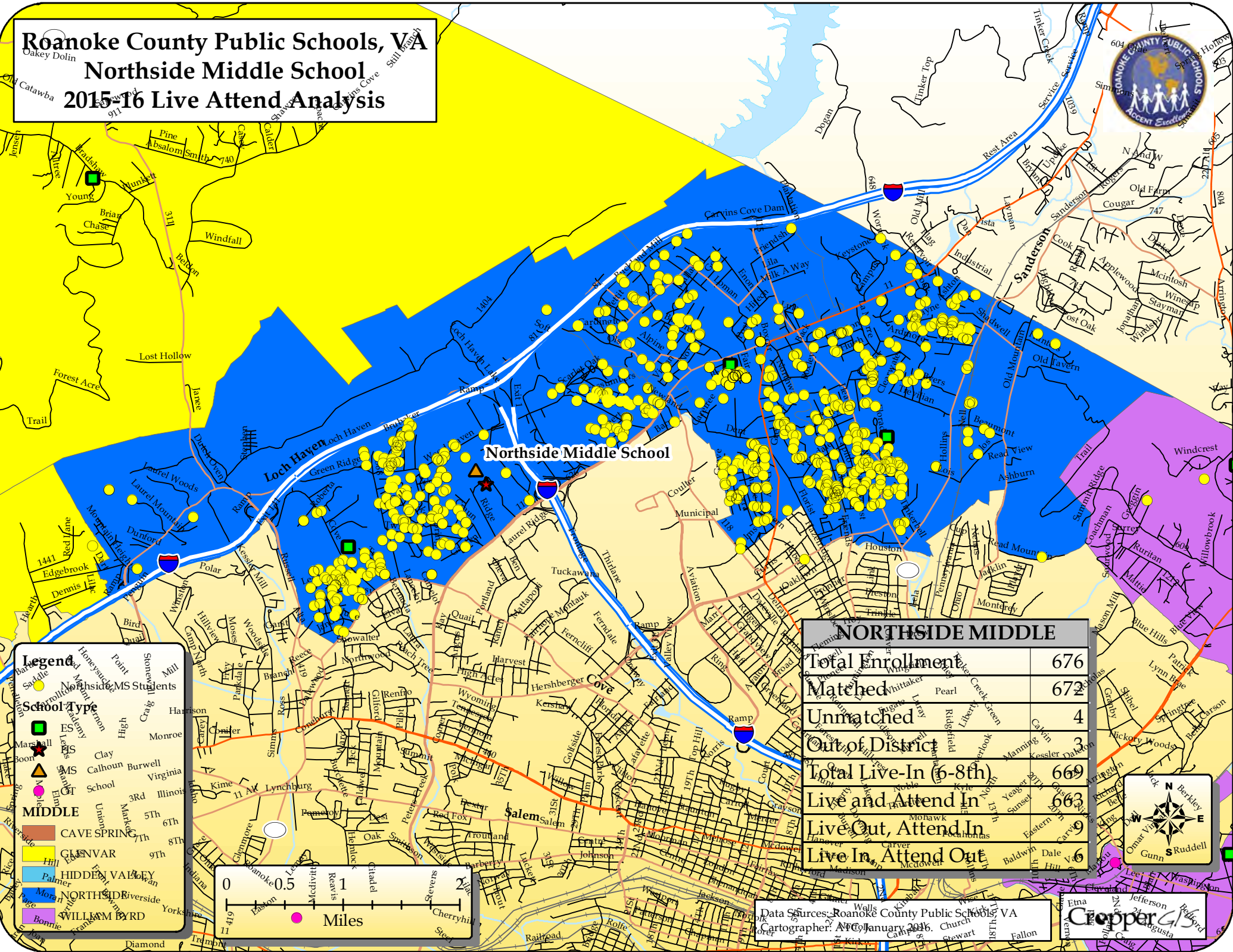
HIDDEN VALLEY MIDDLE	
Total Enrollment	594
Matched	592
Out of District	2
Total Live In (6-8th)	583
Live and Attend In	577
Live Out, Attend In	9
Live In, Attend Out	6

Cave Spring Middle School

Data Source: Roanoke County Public Schools, VA
 Cartographer: ATC, January 2016.



Roanoke County Public Schools, VA
Northside Middle School
2015-16 Live Attend Analysis



Legend

● Northside MS Students
■ ES
★ MS
● School
● Middle

School Type

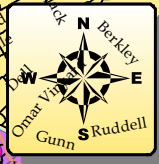
■ ES
★ MS
● School
● Middle

MIDDLE

■ CAVE SPRING
■ GLENVAR
■ HIDDEN VALLEY
■ NORTHSIDE
■ WILLIAM BYRD



NORTHSIDE MIDDLE	
Total Enrollment	676
Matched	672
Unmatched	4
Out of District	3
Total Live-In (6-8th)	669
Live and Attend In	663
Live Out, Attend In	9
Live In, Attend Out	6

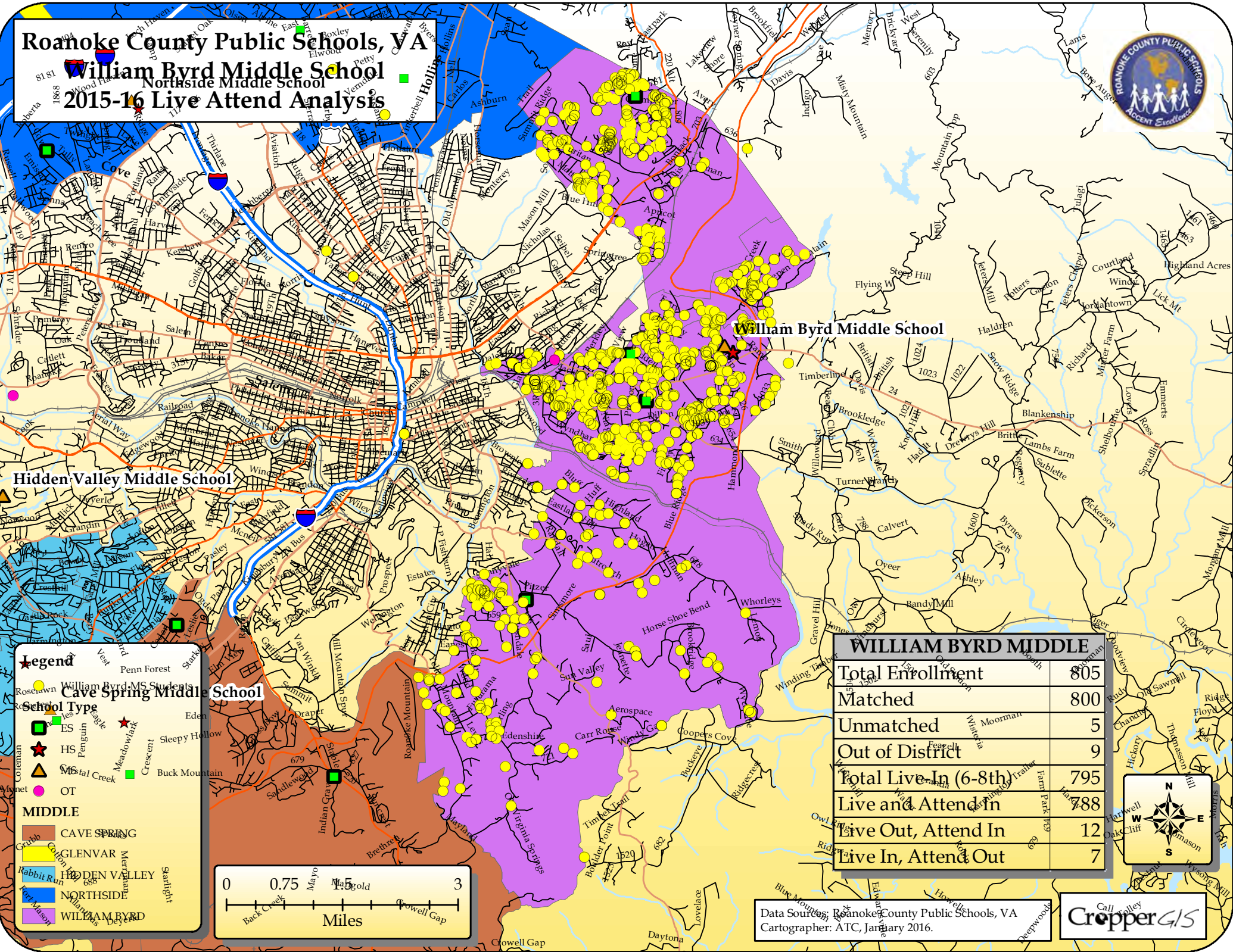


Data Sources: Roanoke County Public Schools, VA
 Cartographer: [Name] January 2016



Roanoke County Public Schools, VA

William Byrd Middle School Northside Middle School 2015-16 Live Attend Analysis



Legend

- Yellow circle: William Byrd MS Students
- Green square: ES
- Red star: HS
- Yellow triangle: MS
- Pink circle: OT

School Type

- Green square: ES
- Red star: HS
- Yellow triangle: MS
- Pink circle: OT

MIDDLE

- Brown: CAVE SPRING
- Yellow: GLENVAR
- Blue: HIDDEN VALLEY
- Purple: NORTHSIDE
- Purple: WILLIAM BYRD

WILLIAM BYRD MIDDLE	
Total Enrollment	805
Matched	800
Unmatched	5
Out of District	9
Total Live-In (6-8th)	795
Live and Attend In	788
Live Out, Attend In	12
Live In, Attend Out	7



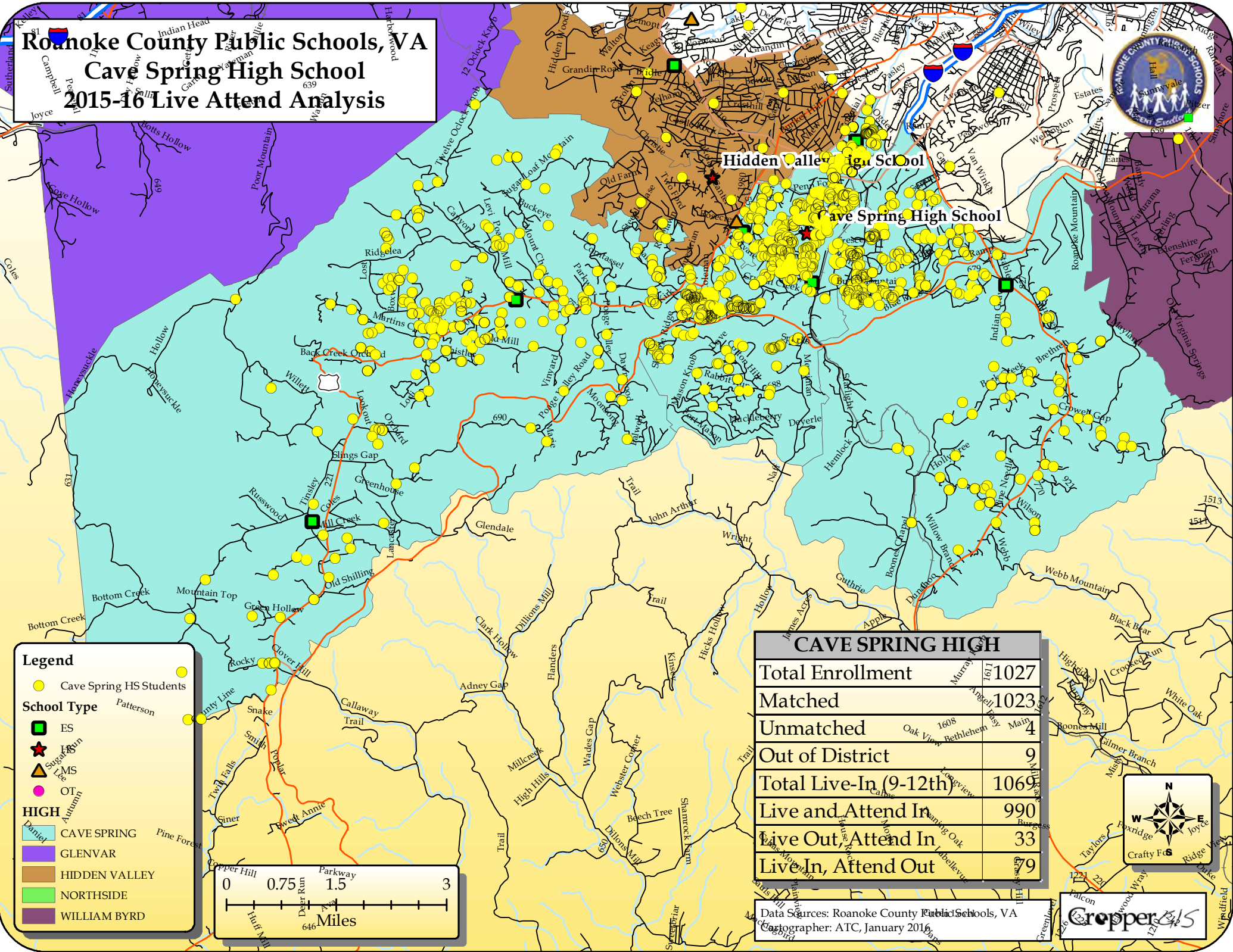
Data Source: Roanoke County Public Schools, VA
Cartographer: ATC, January 2016.



Roanoke County Public Schools, VA

Cave Spring High School

2015-16 Live Attend Analysis



Legend

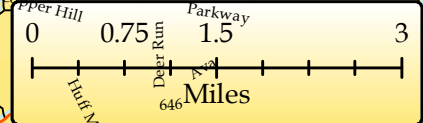
- Cave Spring HS Students

School Type

- ES
- ★ Middle
- ▲ MS
- OT

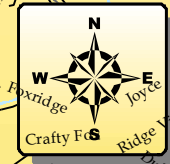
HIGH

- DANIEL
- GLENVAR
- HIDDEN VALLEY
- NORTHSIDE
- WILLIAM BYRD



CAVE SPRING HIGH	
Total Enrollment	1027
Matched	1023
Unmatched	4
Out of District	9
Total Live-In (9-12th)	1069
Live and Attend In	990
Live Out, Attend In	33
Live In, Attend Out	79

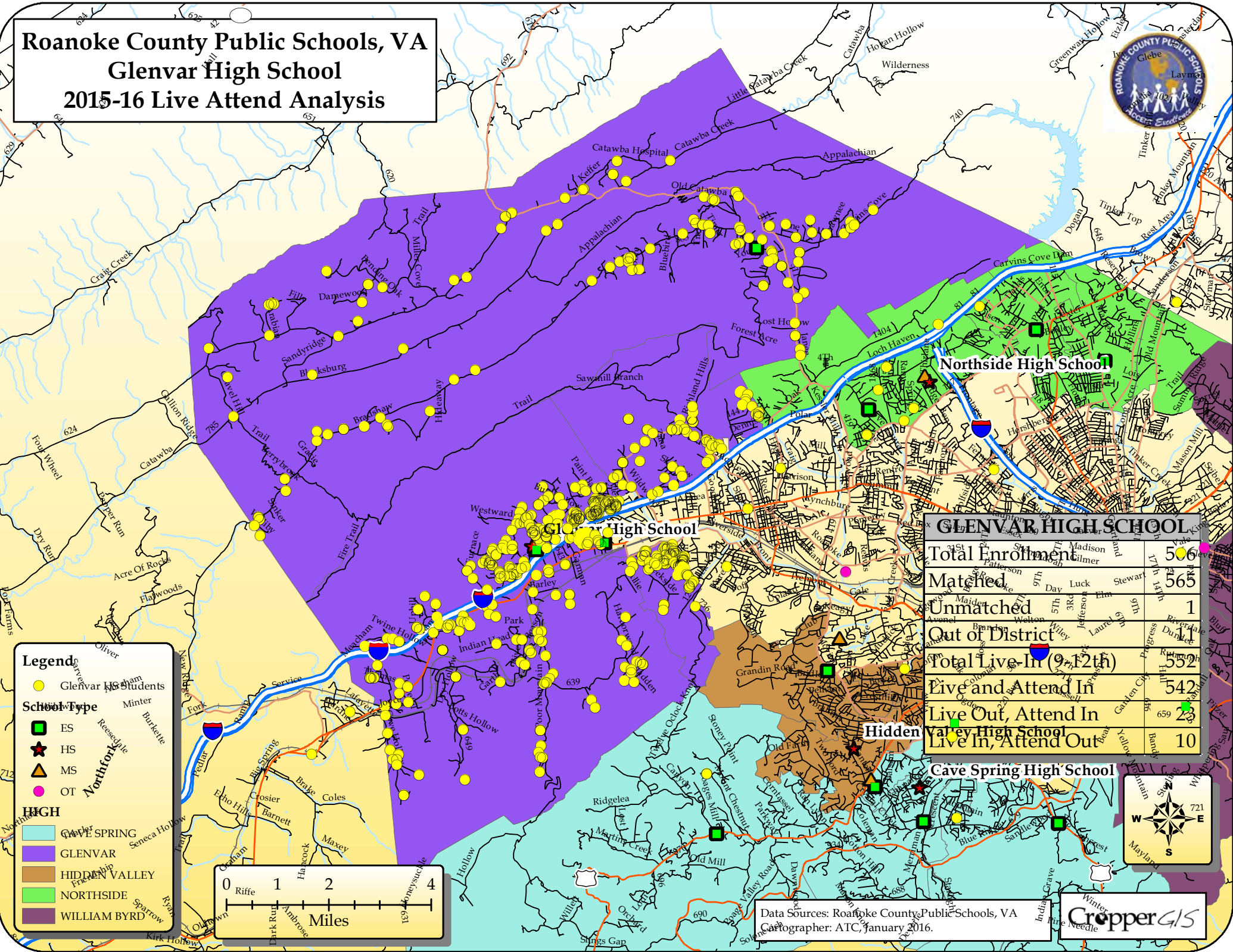
Data Sources: Roanoke County Public Schools, VA
 Cartographer: ATC, January 2016



Roanoke County Public Schools, VA

Glenvar High School

2015-16 Live Attend Analysis



Legends

- Yellow Circle: Glenvar HS Students
- Green Square: ES
- Red Star: HS
- Brown Triangle: MS
- Pink Circle: OT

School Type

- Green Square: ES
- Red Star: HS
- Brown Triangle: MS
- Pink Circle: OT

HIGH

- Light Blue: CAVE SPRING
- Purple: GLENVAR
- Brown: HIDDEN VALLEY
- Green: NORTHSIDE
- Dark Purple: WILLIAM BYRD

GLENVAR HIGH SCHOOL	
Total Enrollment	506
Matched	565
Unmatched	1
Out of District	
Total Live-In (9-12th)	552
Live and Attend In	542
Live Out, Attend In	23
Live In, Attend Out	10

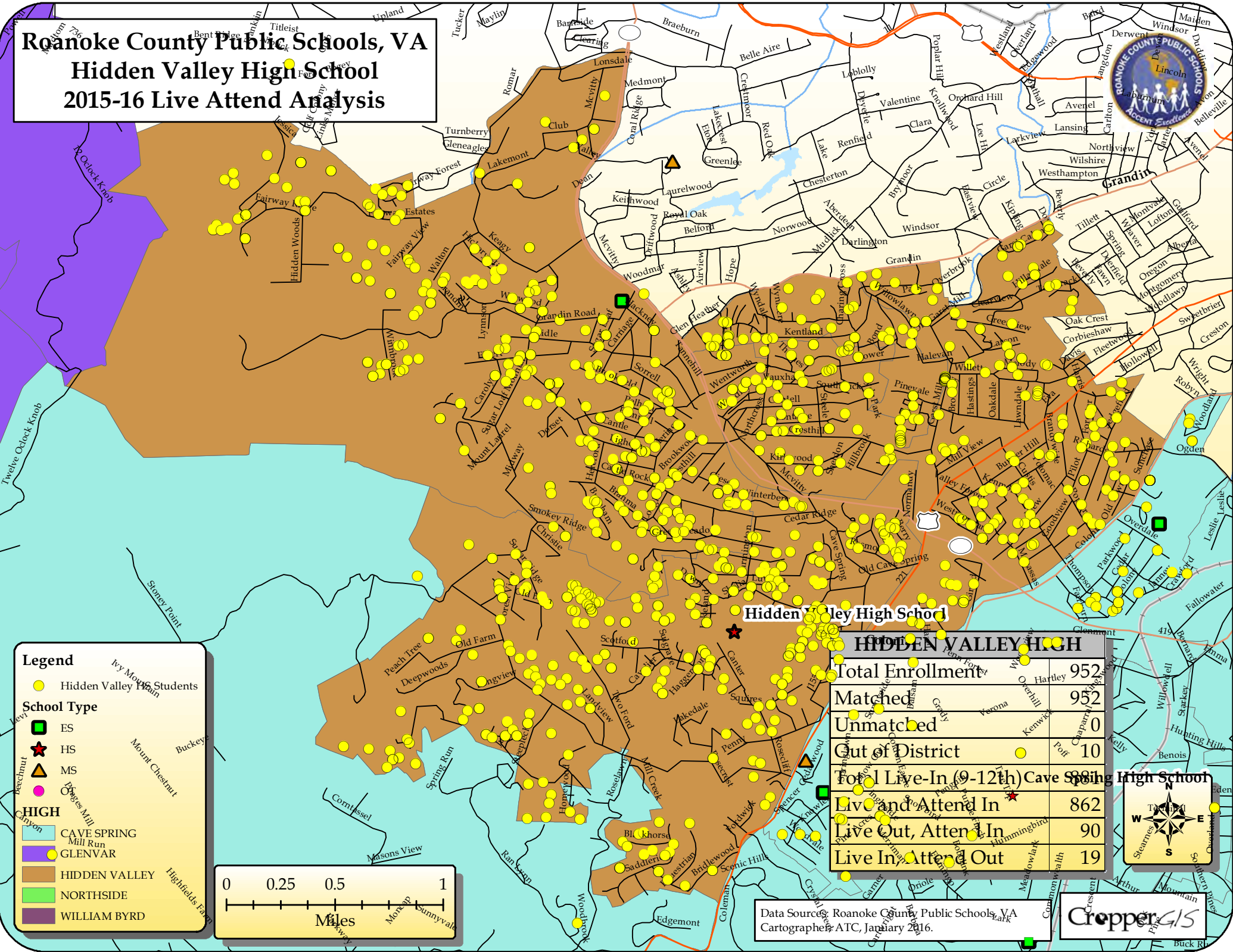
Data Sources: Roanoke County Public Schools, VA
 Cartographer: ATC, January 2016.



Roanoke County Public Schools, VA

Hidden Valley High School

2015-16 Live Attend Analysis



Legend

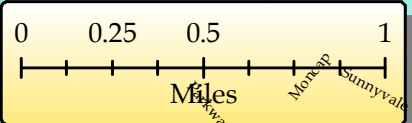
- Hidden Valley Students

School Type

- ES
- ★ HS
- ▲ MS
- Other

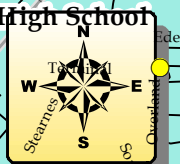
HIGH

- CAVE SPRING
- MILL RUN
- GLENVAR
- HIDDEN VALLEY
- NORTHSIDE
- WILLIAM BYRD

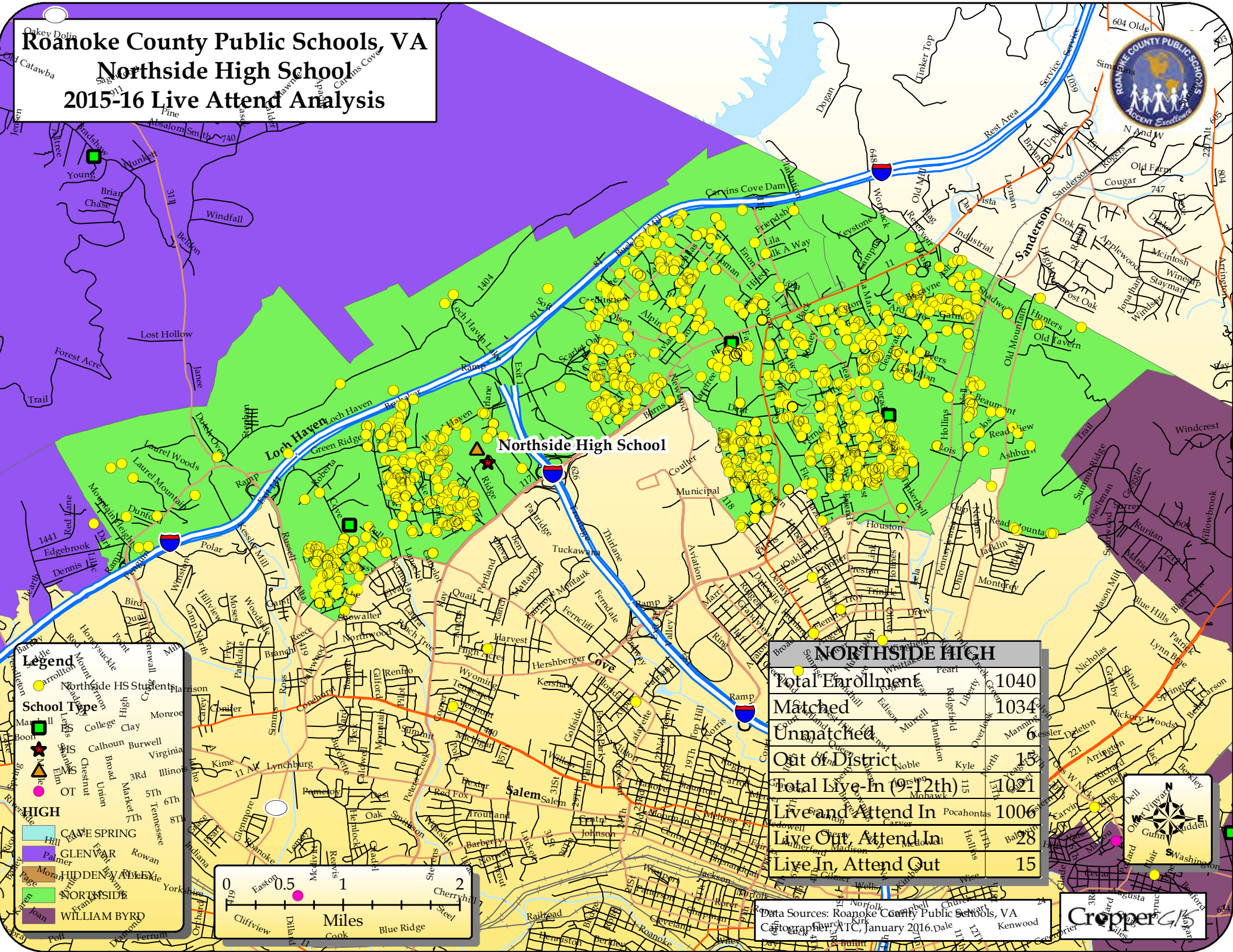


HIDDEN VALLEY HIGH	
Total Enrollment	952
Matched	952
Unmatched	0
Out of District	10
Total Live-In (9-12th)	882
Live and Attend In	862
Live Out, Attend In	90
Live In, Attend Out	19

Data Source: Roanoke County Public Schools, VA
 Cartographer: ATC, January 2016.



Roanoke County Public Schools, VA
Northside High School
 2015-16 Live Attend Analysis



Legend

- Yellow dot: Northside HS Student
- Green square: Middle School
- Red star: High School
- Black triangle: Elementary
- Pink circle: Other

School Type

- Blue square: Middle School
- Red star: High School
- Black triangle: Elementary
- Pink circle: Other

HIGH

- Light blue: CAVE SPRING
- Light green: HILL
- Light purple: GLENVAIR
- Light yellow: HIDDEN VALLEY
- Light orange: NORTHSIDE
- Light pink: WILLIAM BYRD

NORTHSIDE HIGH	
Total Enrollment	1040
Matched	1034
Unmatched	6
Out of District	15
Total Live-In (9-12th)	1021
Live and Attend In	1006
Live Out, Attend In	28
Live In, Attend Out	15



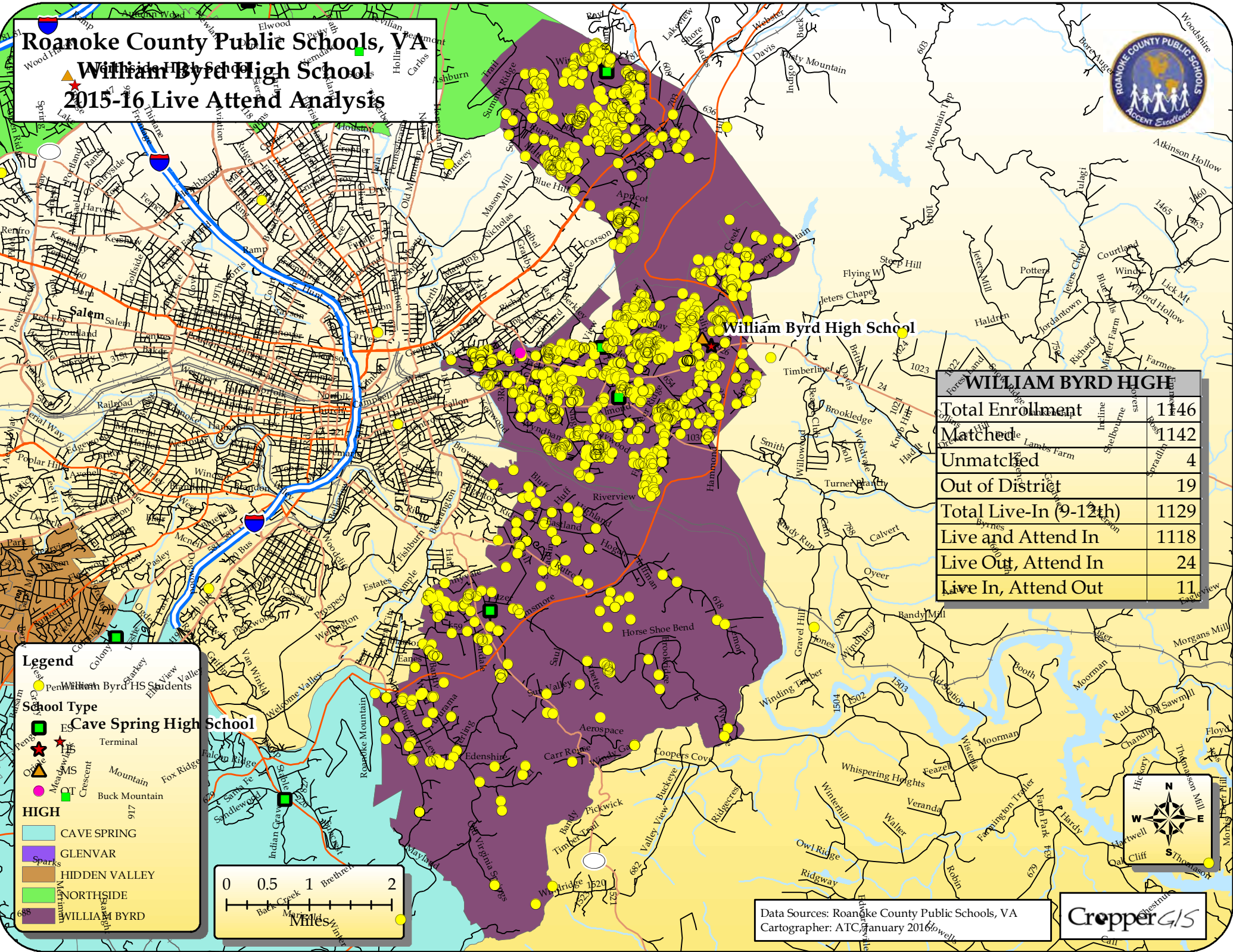
Data Sources: Roanoke County Public Schools, VA
 Cartographer: ATC, January 2016, Dale



Roanoke County Public Schools, VA

William Byrd High School

2015-16 Live Attend Analysis



WILLIAM BYRD HIGH	
Total Enrollment	1146
Matched	1142
Unmatched	4
Out of District	19
Total Live-In (9-12th)	1129
Live and Attend In	1118
Live Out, Attend In	24
Live In, Attend Out	11

Legend

- Yellow Circle: Pennington Byrd HS Students

School Type

- Green Square: Cave Spring High School
- Red Star: Terminal
- Orange Triangle: Meadows High School
- Pink Circle: Mountain
- Purple Square: Buck Mountain

HIGH

- Light Blue: CAVE SPRING
- Pink: GLENVAR
- Brown: HIDDEN VALLEY
- Green: NORTHSIDE
- Purple: WILLIAM BYRD



Data Sources: Roanoke County Public Schools, VA
 Cartographer: ATC, January 2016

