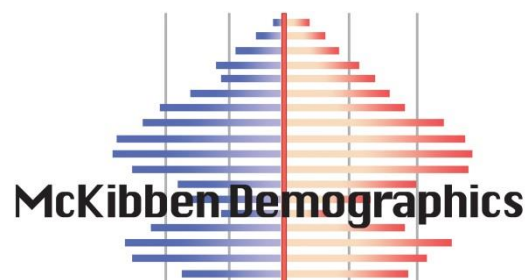




# Carmel Clay Schools, IN Demographic Study

October 2016





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Executive Summary

1. The resident total fertility rate for Carmel-Clay School District over the life of the forecasts is below replacement level. (1.87 vs. the replacement level of 2.1)
2. Most in-migration to the district continues to occur in the 0-to-9 and 25-to-44 year old age groups.
3. The local 18-to-24 year old population continues to leave the district, going to college or moving to other urbanized areas. This population group accounts for the largest segment of the district's out migration flow.
4. The primary factors causing the district's enrollment to decrease after 2018 is the slowdown in the number of new homes being constructed, a limited existing homes sales market in the district and a rapidly increasing number of "empty nest" households.
5. Changes in year-to-year enrollment over the next 10 years will primarily be due to smaller cohorts entering and moving through the school system in conjunction with larger cohorts leaving the system.
6. The elementary enrollment will begin a slight, but persistent decline after the 2019-20 school year. This will be due primarily to the fact that the rising 5<sup>th</sup> grade cohorts most years will be greater than 1,150 students in size.
7. The median age of the population will increase from 39.1 in 2010 to 43.7 in 2025.
8. Even if the district continues to have a significant level of annual new home construction, the rate, magnitude and price of existing home sales will become the increasingly dominant factor affecting the amount of population and enrollment change.
9. Total district enrollment is forecasted to decrease by 209 students, or -1.3%, between 2016-17 and 2021-22. Total enrollment will decline by 759 students, or -4.8%, from 2021-22 to 2026-27.



## INTRODUCTION

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

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

To calculate population forecasts of any type, particularly for smaller populations such as a school district, realistic suppositions must be made as to what the future will bring in terms of age specific fertility rates and residents' demographic behavior at certain points of the life course. The demographic history of the school district and its interplay with the social and economic history of the

area is the starting point and basis of most of these suppositions particularly on key factors such as the age structure of the area. The unique nature of each district's and attendance area's demographic composition and rate of change over time must be assessed and understood to be factors throughout the life of the forecast series. Moreover, no two populations, particularly at the school district and attendance area level, have exactly the same characteristics.

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

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



forecast are meant to represent the most likely scenario for changes over the next 10 years in the district and its attendance areas.

The first part of the report will examine the assumptions made in calculating the population forecasts for the Carmel Clay Schools. 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 Carmel Clay Schools provided enrollments by grade and attendance center for the school years 2010-2011 to 2016-17. Birth and death data for the years 2000 through 2014 were obtained from the Indiana Department of Health. The net migration values were calculated using Internal Revenue Service migration reports for the years 2000 through 2013. 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 930 of the over 31,000 current households in the district would have been included. For comparison 4,200 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 Carmel Clay Schools 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 any 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 1.87 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 Carmel Clay Schools over the course of the forecast period.

A close examination of data for the Carmel Clay Schools 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 Carmel Clay

Schools (and will change again over the next 10 years), the basic age pattern of the migrants has stayed nearly the same over the last 30 years. Based on the analysis of data it is safe to assume this age specific migration trend will remain unchanged into the future. This pattern of migration shows most of the local out-migration occurring in the 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 25-44 age groups (the bulk of the which come from areas within 75 miles of the Carmel Clay Schools) primarily consisting of younger adults and their children.

As the Hamilton 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 Carmel Clay Schools and its attendance areas will remain the same through the year 2026. Below is a list of assumptions and issues that are specific to the Carmel Clay Schools 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 Carmel Clay Schools 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 Hamilton 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 Hamilton County and the Indianapolis Metropolitan Area will remain below 6.5% for the 10 years of the forecasts;
  - h. The intra district student transfer policy remains unchanged over the next 10 years;
  - i. The rate of students transferring into and out of the Carmel Clay Schools will remain at the 2011-12 to 2015-16 average;
  - j. The Carmel Clay Schools does not adopt an "open enrollment" policy any time over the next 10 years;
  - k. The inflation rate for gasoline will stay below 5% per year for the 10 years of the forecasts;
  - l. There will be no building moratorium

- within the district;
- m. Businesses within the Indianapolis Metropolitan Area and the Carmel Clay Schools will remain viable;
  - n. 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;
  - o. 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 60;
  - p. Private school and home school attendance rates will remain constant;
  - q. The rate of foreclosures for commercial property remains at the 2004-2008 average for Hamilton County;

If a major employer in the district or in the Greater Indianapolis 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 Carmel Clay Schools 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 the Carmel Clay Schools 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;
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 Carmel Clay Schools is classified as a "small area" population (as compared to the population of the state of Indiana 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 Carmel Clay Schools were calculated using a cohort-component method with the populations divided into male and female groups by five-year age cohorts that range from 0-to-4 years of age to 85 years of age and older (85+). Age- and sex-specific fertility, mortality, and migration models were constructed to specifically reflect the unique demographic characteristics of each of the attendance areas in the Carmel Clay Schools.

The enrollment forecasts were calculated using a modified average survivorship method. Average survivor rates (i.e., the proportion of students who progress from one grade level to the next given the average amount of net migration for that grade level) over the previous six 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 Carmel Clay Schools for the period 2010 to 2016. 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 2016 to 2021. The survivorship rates were adjusted again for the period 2021 to 2026 to reflect the predicted

changes in the amount of age-specific migration in the district for the period.

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



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**Appendix A: Additional Tables**

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

	2010	2015	2010-2015 Change	2020	2015-2020 Change	2010-2020 Change
Carmel ES	8,331	8,580	2.9%	8,730	1.7%	4.8%
Cherry Tree ES	8,383	8,720	3.9%	9,050	3.8%	8.0%
College Wood ES	3,814	4,150	8.1%	4,420	6.5%	15.9%
Forest Dale ES	8,675	8,960	3.2%	9,090	1.5%	4.8%
Mohawk Trails ES	6,713	6,840	1.9%	6,900	0.9%	2.8%
Orchard Park ES	13,088	13,240	1.1%	13,350	0.8%	2.0%
Prairie Trace ES	5,727	5,990	4.4%	6,150	2.7%	7.4%
Smoky Row ES	6,854	7,220	5.1%	7,470	3.5%	9.0%
Towne Meadow ES	8,578	8,780	2.3%	8,920	1.6%	4.0%
West Clay ES	6,006	6,290	4.5%	6,480	3.0%	7.9%
Woodbrook ES	7,126	7,270	2.0%	7,340	1.0%	3.0%
<b>District Total</b>	<b>83,293</b>	<b>86,040</b>	<b>3.2%</b>	<b>87,900</b>	<b>2.2%</b>	<b>5.5%</b>

**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
Carmel ES	1,129	32.2%	3,510	8,315	2.37
Cherry Tree ES	1,343	49.0%	2,740	8,383	3.06
College Wood ES	755	66.1%	1,142	3,809	3.34
Forest Dale ES	1,217	36.1%	3,369	8,619	2.56
Mohawk Trails ES	977	41.0%	2,384	6,681	2.80
Orchard Park ES	1,438	23.6%	6,104	12,595	2.06
Prairie Trace ES	991	52.6%	1,883	5,727	3.04
Smoky Row ES	1,278	63.0%	2,029	6,854	3.38
Towne Meadow ES	1,432	49.5%	2,893	8,578	2.96
West Clay ES	1,091	56.1%	1,945	6,006	3.09
Woodbrook ES	1,052	40.9%	2,571	7,119	2.77
<b>District Total</b>	<b>12,702</b>	<b>41.6%</b>	<b>30,570</b>	<b>82,685</b>	<b>2.70</b>



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

	Percentage of Householders aged 35-54	Percentage of Householders aged 65+	Percentage of Householders Who Own Homes
Carmel ES	45.1%	14.8%	65.3%
Cherry Tree ES	55.8%	12.4%	92.2%
College Wood ES	66.9%	6.0%	95.5%
Forest Dale ES	41.8%	19.8%	70.9%
Mohawk Trails ES	45.5%	26.6%	96.3%
Orchard Park ES	37.3%	22.7%	57.1%
Prairie Trace ES	59.2%	14.3%	94.6%
Smoky Row ES	67.5%	6.9%	97.5%
Towne Meadow ES	55.3%	15.6%	95.2%
West Clay ES	63.3%	11.3%	87.5%
Woodbrook ES	47.2%	24.6%	95.2%
<b>District Total</b>	<b>49.6%</b>	<b>17.4%</b>	<b>80.9%</b>

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

	Percentage of Single Person Households	Percentage of Single Person Households and are 65+
Carmel ES	30.2%	6.8%
Cherry Tree ES	9.0%	2.7%
College Wood ES	7.7%	1.4%
Forest Dale ES	23.0%	7.1%
Mohawk Trails ES	14.9%	8.6%
Orchard Park ES	40.9%	13.2%
Prairie Trace ES	11.3%	3.7%
Smoky Row ES	6.3%	1.3%
Towne Meadow ES	12.0%	4.0%
West Clay ES	13.1%	5.5%
Woodbrook ES	15.6%	7.2%
<b>District Total</b>	<b>20.8%</b>	<b>6.8%</b>



**Table 5: Elementary Enrollment (K-5), 2016, 2021, 2026**

	2016	2021	2016-2021 Change	2026	2021-2026 Change	2016-2026 Change
Carmel ES	518	523	1.0%	499	-4.6%	-3.7%
Cherry Tree ES	694	768	10.7%	732	-4.7%	5.5%
College Wood ES	719	720	0.1%	695	-3.5%	-3.3%
Forest Dale ES	593	523	-11.8%	516	-1.3%	-13.0%
Mohawk Trails ES	574	644	12.2%	564	-12.4%	-1.7%
Orchard Park ES	654	635	-2.9%	582	-8.3%	-11.0%
Prairie Trace ES	631	592	-6.2%	550	-7.1%	-12.8%
Smoky Row ES	679	583	-14.1%	542	-7.0%	-20.2%
Towne Meadow ES	653	617	-5.5%	575	-6.8%	-11.9%
West Clay ES	754	774	2.7%	701	-9.4%	-7.0%
Woodbrook ES	479	452	-5.6%	424	-6.2%	-11.5%
<b>District Total</b>	<b>6,940</b>	<b>6,840</b>	<b>-1.4%</b>	<b>6,380</b>	<b>-6.7%</b>	<b>-8.1%</b>

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

	Under 1 year	1 year	2 years	3 years	4 years	5 years	6 years	7 years	8 years	9 years	10 years
Carmel ES	112	103	92	117	123	103	117	107	107	104	115
Cherry Tree ES	74	77	88	104	108	137	128	140	130	153	188
College Wood ES	83	90	92	109	110	89	106	91	99	99	81
Forest Dale ES	86	106	98	116	126	130	116	135	113	145	125
Mohawk Trails ES	56	67	69	76	94	99	95	121	123	123	109
Orchard Park ES	127	136	146	166	104	137	144	145	137	130	138
Prairie Trace ES	70	76	69	103	101	111	121	114	138	122	152
Smoky Row ES	88	86	117	128	118	141	147	170	135	167	156
Towne Meadow ES	88	106	94	105	128	137	149	167	164	176	207
West Clay ES	91	90	93	110	114	129	136	146	155	140	136
Woodbrook ES	66	57	93	72	108	104	105	109	132	134	118
<b>District Total</b>	<b>941</b>	<b>993</b>	<b>1,050</b>	<b>1,205</b>	<b>1,235</b>	<b>1,318</b>	<b>1,366</b>	<b>1,444</b>	<b>1,434</b>	<b>1,493</b>	<b>1,526</b>



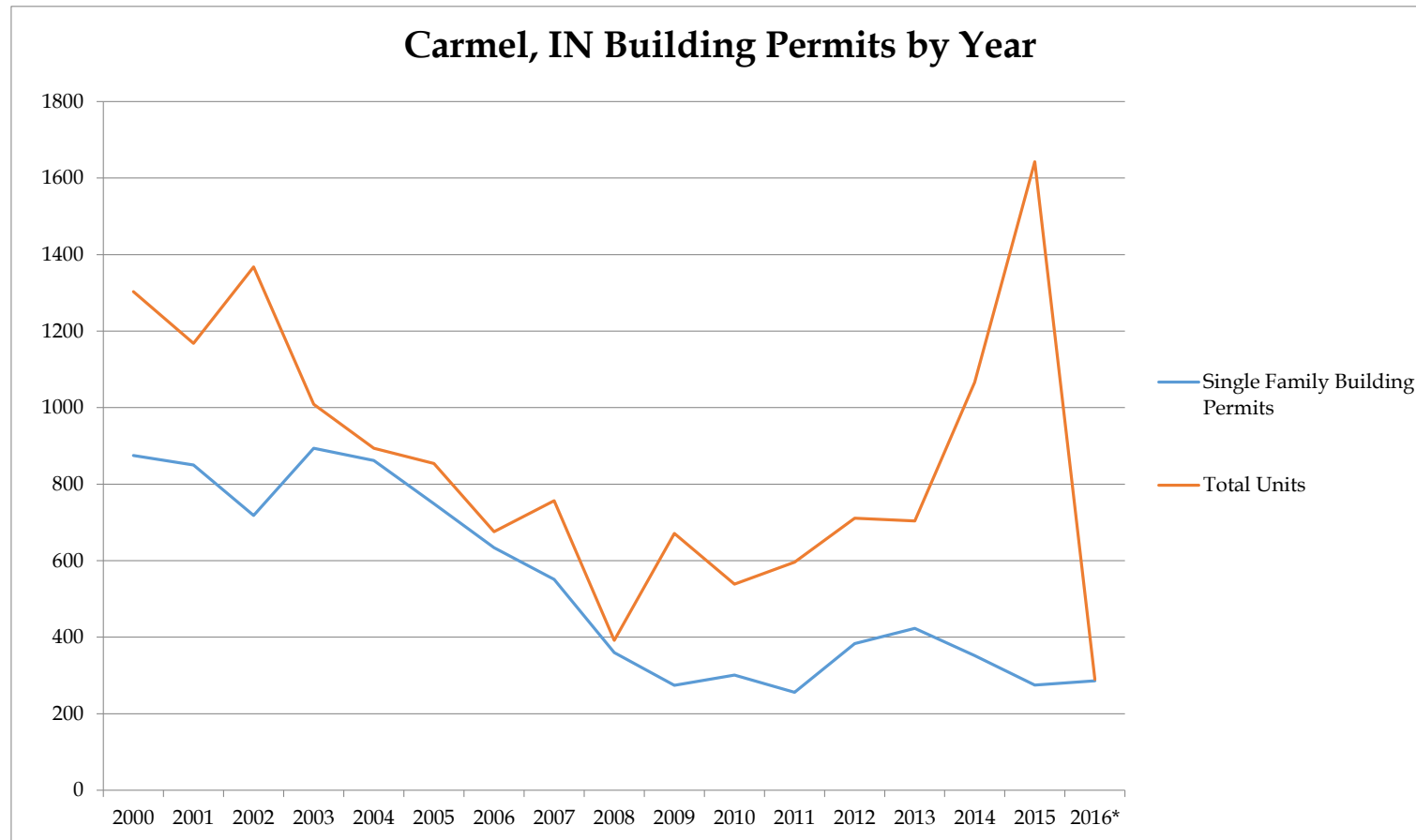
**Table 7: Comparison of District Enrollment by Grade with 2010 Census Counts by Age, 2011-2016**

2010 Census	Under 1 year	1 year	2 years	3 years	4 years	5 years	6 years	7 years	8 years	9 years	10 years	11 years	12 years	13 years
<b>Carmel Clay Schools Total</b>	<b>941</b>	<b>993</b>	<b>1,050</b>	<b>1,205</b>	<b>1,235</b>	<b>1,318</b>	<b>1,366</b>	<b>1,444</b>	<b>1,434</b>	<b>1,493</b>	<b>1,526</b>	<b>1,550</b>	<b>1,563</b>	<b>1,414</b>
2016 Enrollment	1,100	1,156	1,138	1,263	1,228	1,295	1,355	1,360	1,279	1,297	1,163	1,245		
	116.90%	110.78%	110.10%	94.44%	102.27%	93.17%	94.80%	93.84%	94.84%	85.67%	84.99%	75.03%		
2015 Enrollment	1,030	1,104	1,101	1,249	1,188	1,268	1,339	1,341	1,304	1,289	1,177	1,210	1,265	
	109.46%	111.18%	104.86%	103.65%	96.19%	96.21%	98.02%	92.87%	90.93%	86.34%	77.13%	78.06%	80.93%	
2014 Enrollment		1,056	1,075	1,214	1,168	1,234	1,315	1,319	1,288	1,369	1,174	1,223	1,220	1,213
		106.34%	102.38%	100.75%	94.57%	93.63%	96.27%	91.34%	89.82%	91.69%	76.93%	78.90%	78.06%	85.79%
2013 Enrollment			1,018	1,192	1,139	1,237	1,287	1,290	1,300	1,352	1,247	1,217	1,215	1,159
			96.95%	98.92%	92.23%	93.85%	94.22%	89.34%	90.66%	90.56%	81.72%	78.52%	77.74%	81.97%
2012 Enrollment				1,120	1,107	1,210	1,256	1,259	1,255	1,315	1,236	1,275	1,216	1,143
				92.95%	89.64%	91.81%	91.95%	87.19%	87.52%	88.08%	81.00%	82.26%	77.80%	80.83%
2011 Enrollment					1,049	1,170	1,242	1,243	1,254	1,299	1,219	1,279	1,317	1,139
					84.94%	88.77%	90.92%	86.08%	87.45%	87.01%	79.88%	82.52%	84.26%	80.55%
2010 Enrollment						1,054	1,214	1,214	1,224	1,291	1,204	1,294	1,315	1,220
						79.97%	88.87%	84.07%	85.36%	86.47%	78.90%	83.48%	84.13%	86.28%



**Table 8: Carmel, IN Building Permits By Year**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016*
Single Family Building Permits	875	850	718	894	862	749	634	551	360	274	301	256	383	423	352	275	286
Total Units	1303	1168	1368	1009	894	854	676	757	392	671	539	596	711	704	1066	1643	290
*2016 Building Permits as of August 2016																	





**Appendix B: Population Forecasts**

**Carmel Clay Schools: Total Population**

Males	2010	2015	2020	2025	Females	2010	2015	2020	2025	Total	2010	2015	2020	2025		2010 to 2015	2015 to 2020	2020 to 2025	
0-4	2,775	2,530	2,390	2,180	0-4	2,649	2,440	2,320	2,120	0-4	5,424	4,970	4,710	4,300	Births	3,640	3,510	3,320	
5-9	3,562	3,490	3,380	3,160	5-9	3,493	3,380	3,310	3,090	5-9	7,055	6,870	6,690	6,250	Deaths	2,700	3,120	3,660	
10-14	3,889	3,660	3,570	3,430	10-14	3,700	3,570	3,420	3,360	10-14	7,589	7,230	6,990	6,790	Natural Increase	940	390	-340	
15-19	3,092	3,300	3,080	3,090	15-19	2,822	3,130	3,020	2,960	15-19	5,914	6,430	6,100	6,050	Net Migration	1,720	1,600	1,350	
20-24	1,414	1,480	1,380	1,260	20-24	1,365	1,200	1,190	1,190	20-24	2,779	2,680	2,570	2,450	Change	2,660	1,990	1,010	
25-29	1,722	2,000	2,000	1,920	25-29	1,957	1,970	1,740	1,760	25-29	3,679	3,970	3,740	3,680	Differences between period Totals may not equal Change due to rounding.				
30-34	1,994	2,150	2,420	2,430	30-34	2,262	2,410	2,410	2,170	30-34	4,256	4,560	4,830	4,600					
35-39	2,865	2,590	2,740	2,930	35-39	3,207	2,870	2,990	2,910	35-39	6,072	5,460	5,730	5,840					
40-44	3,441	3,020	2,760	2,910	40-44	3,705	3,390	3,080	3,190	40-44	7,146	6,410	5,840	6,100					
45-49	3,719	3,380	2,970	2,760	45-49	4,010	3,670	3,360	3,070	45-49	7,729	7,050	6,330	5,830					
50-54	3,419	3,630	3,300	2,940	50-54	3,579	3,960	3,640	3,340	50-54	6,998	7,590	6,940	6,280					
55-59	2,714	3,280	3,530	3,210	55-59	2,792	3,480	3,880	3,550	55-59	5,506	6,760	7,410	6,760					
60-64	2,214	2,540	3,130	3,360	60-64	2,217	2,680	3,390	3,780	60-64	4,431	5,220	6,520	7,140					
65-69	1,412	2,010	2,360	2,890	65-69	1,582	2,010	2,460	3,150	65-69	2,994	4,020	4,820	6,040					
70-74	908	1,190	1,730	2,020	70-74	1,055	1,420	1,820	2,240	70-74	1,963	2,610	3,550	4,260					
75-79	658	750	1,000	1,420	75-79	818	940	1,270	1,680	75-79	1,476	1,690	2,270	3,100					
80-84	494	490	570	760	80-84	680	680	810	1,090	80-84	1,174	1,170	1,380	1,850					
85+	328	440	490	570	85+	780	910	990	1,140	85+	1,108	1,350	1,480	1,710					
<b>Total</b>	<b>40,620</b>	<b>41,930</b>	<b>42,800</b>	<b>43,240</b>	<b>Total</b>	<b>42,673</b>	<b>44,110</b>	<b>45,100</b>	<b>45,790</b>	<b>Total</b>	<b>83,293</b>	<b>86,040</b>	<b>87,900</b>	<b>89,030</b>	<b>Median Age</b>	<b>39.1</b>	<b>40.7</b>	<b>42.2</b>	<b>43.7</b>

**Carmel Elementary**

Males	2010	2015	2020	2025	Females	2010	2015	2020	2025	Total	2010	2015	2020	2025		2010 to 2015	2015 to 2020	2020 to 2025	
0-4	287	260	260	230	0-4	259	250	250	220	0-4	547	510	510	450	Births	480	490	430	
5-9	267	260	250	250	5-9	272	240	240	240	5-9	538	500	490	490	Deaths	380	460	540	
10-14	302	270	260	250	10-14	265	270	240	240	10-14	568	540	500	490	Natural Increase	100	30	-110	
15-19	301	260	230	230	15-19	265	220	240	210	15-19	565	480	470	440	Net Migration	150	120	100	
20-24	236	240	210	190	20-24	207	200	170	190	20-24	443	440	380	380	Change	250	150	-10	
25-29	291	310	300	260	25-29	311	280	260	220	25-29	602	590	560	480	Differences between period Totals may not equal Change due to rounding.				
30-34	301	330	340	330	30-34	293	360	320	290	30-34	594	690	660	620					
35-39	272	340	360	360	35-39	286	330	380	340	35-39	558	670	740	700					
40-44	310	280	340	360	40-44	305	300	340	390	40-44	615	580	680	750					
45-49	360	320	290	350	45-49	377	320	310	350	45-49	737	640	600	700					
50-54	348	350	320	290	50-54	397	370	320	310	50-54	745	720	640	600					
55-59	275	340	340	310	55-59	332	390	370	310	55-59	607	730	710	620					
60-64	211	260	320	330	60-64	234	320	380	360	60-64	445	580	700	690					
65-69	121	200	250	300	65-69	153	180	240	290	65-69	274	380	490	590					
70-74	83	70	120	150	70-74	91	110	130	170	70-74	175	180	250	320					
75-79	61	60	50	80	75-79	68	70	80	100	75-79	129	130	130	180					
80-84	44	50	40	40	80-84	59	60	60	70	80-84	103	110	100	110					
85+	23	40	50	60	85+	62	70	70	80	85+	86	110	120	140					
<b>Total</b>	<b>4,093</b>	<b>4,240</b>	<b>4,330</b>	<b>4,370</b>	<b>Total</b>	<b>4,238</b>	<b>4,340</b>	<b>4,400</b>	<b>4,380</b>	<b>Total</b>	<b>8,331</b>	<b>8,580</b>	<b>8,730</b>	<b>8,750</b>	<b>Median Age</b>	<b>37.8</b>	<b>39.0</b>	<b>40.4</b>	<b>42.2</b>





Cherry Tree Elementary

Males	2010	2015	2020	2025	Females	2010	2015	2020	2025	Total	2010	2015	2020	2025
0-4	224	230	250	220	0-4	227	220	240	210	0-4	451	450	490	430
5-9	346	340	360	350	5-9	344	340	350	340	5-9	689	680	710	690
10-14	487	350	340	360	10-14	453	340	340	350	10-14	940	690	680	710
15-19	387	390	260	250	15-19	379	360	250	250	15-19	765	750	510	500
20-24	137	160	130	90	20-24	130	150	90	80	20-24	266	310	220	170
25-29	137	150	180	140	25-29	125	150	170	110	25-29	262	300	350	250
30-34	144	210	240	250	30-34	145	200	240	240	30-34	289	410	480	490
35-39	233	220	300	310	35-39	280	220	290	300	35-39	513	440	590	610
40-44	330	310	280	330	40-44	391	350	290	320	40-44	722	660	570	650
45-49	417	330	300	280	45-49	470	390	350	280	45-49	887	720	650	560
50-54	422	410	320	300	50-54	434	470	390	350	50-54	856	880	710	650
55-59	347	410	400	310	55-59	322	430	460	380	55-59	669	840	860	690
60-64	258	330	390	380	60-64	224	310	420	450	60-64	481	640	810	830
65-69	137	240	310	370	65-69	116	210	300	400	65-69	253	450	610	770
70-74	77	120	220	280	70-74	72	110	200	290	70-74	149	230	420	570
75-79	36	70	100	180	75-79	50	70	100	190	75-79	86	140	200	370
80-84	27	30	50	80	80-84	34	40	60	90	80-84	61	70	110	170
85+	15	20	30	40	85+	29	40	50	70	85+	44	60	80	110
<b>Total</b>	<b>4,160</b>	<b>4,320</b>	<b>4,460</b>	<b>4,520</b>	<b>Total</b>	<b>4,222</b>	<b>4,400</b>	<b>4,590</b>	<b>4,700</b>	<b>Total</b>	<b>8,383</b>	<b>8,720</b>	<b>9,050</b>	<b>9,220</b>
										<b>Median Age</b>	<b>40.1</b>	<b>42.5</b>	<b>44.3</b>	<b>46.0</b>

	2010 to 2015	2015 to 2020	2020 to 2025
<b>Births</b>	330	350	330
<b>Deaths</b>	200	250	330
<b>Natural Increase</b>	130	100	0
<b>Net Migration</b>	190	220	170
<b>Change</b>	320	320	170

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

College Wood Elementary

Males	2010	2015	2020	2025	Females	2010	2015	2020	2025	Total	2010	2015	2020	2025
0-4	257	150	130	130	0-4	226	150	120	120	0-4	483	300	250	250
5-9	243	330	300	300	5-9	242	300	300	290	5-9	484	630	600	590
10-14	186	260	350	320	10-14	174	260	320	310	10-14	360	520	670	630
15-19	86	150	200	290	15-19	105	140	200	260	15-19	191	290	400	550
20-24	34	30	40	40	20-24	35	50	30	40	20-24	68	80	70	80
25-29	51	50	40	70	25-29	79	50	60	60	25-29	130	100	100	130
30-34	127	90	80	70	30-34	161	120	80	90	30-34	288	210	160	160
35-39	227	150	100	90	35-39	274	180	130	100	35-39	501	330	230	190
40-44	214	220	140	100	40-44	207	270	180	130	40-44	421	490	320	230
45-49	173	200	210	140	45-49	134	200	260	170	45-49	307	400	470	310
50-54	96	160	190	200	50-54	94	120	190	260	50-54	190	280	380	460
55-59	71	90	160	190	55-59	66	90	120	180	55-59	137	180	280	370
60-64	54	70	90	150	60-64	57	60	90	120	60-64	111	130	180	270
65-69	33	50	60	80	65-69	25	50	60	90	65-69	58	100	120	170
70-74	14	30	50	60	70-74	15	20	50	60	70-74	29	50	100	120
75-79	14	10	30	40	75-79	14	10	20	50	75-79	28	20	50	90
80-84	8	10	10	20	80-84	12	10	10	20	80-84	19	20	20	40
85+	7	10	10	10	85+	3	10	10	20	85+	10	20	20	30
<b>Total</b>	<b>1,893</b>	<b>2,060</b>	<b>2,190</b>	<b>2,300</b>	<b>Total</b>	<b>1,921</b>	<b>2,090</b>	<b>2,230</b>	<b>2,370</b>	<b>Total</b>	<b>3,814</b>	<b>4,150</b>	<b>4,420</b>	<b>4,670</b>
										<b>Median Age</b>	<b>33.3</b>	<b>33.7</b>	<b>33.8</b>	<b>33.3</b>

	2010 to 2015	2015 to 2020	2020 to 2025
<b>Births</b>	230	190	170
<b>Deaths</b>	60	70	90
<b>Natural Increase</b>	170	120	80
<b>Net Migration</b>	190	150	130
<b>Change</b>	360	270	210

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



**Forest Dale Elementary**

Males	2010	2015	2020	2025	Females	2010	2015	2020	2025	Total	2010	2015	2020	2025
0-4	258	250	240	200	0-4	273	240	230	200	0-4	532	490	470	400
5-9	319	300	280	260	5-9	321	320	270	260	5-9	641	620	550	520
10-14	328	330	310	290	10-14	331	330	320	280	10-14	659	660	630	570
15-19	310	280	290	290	15-19	297	290	290	300	15-19	607	570	580	590
20-24	198	190	190	190	20-24	223	180	190	190	20-24	421	370	380	380
25-29	273	240	220	210	25-29	275	270	210	220	25-29	549	510	430	430
30-34	251	300	260	260	30-34	229	310	290	250	30-34	479	610	550	510
35-39	266	310	350	300	35-39	293	290	350	330	35-39	558	600	700	630
40-44	306	280	320	340	40-44	304	310	300	350	40-44	610	590	620	690
45-49	342	300	270	310	45-49	388	300	300	300	45-49	731	600	570	610
50-54	340	340	300	270	50-54	340	390	300	300	50-54	680	730	600	570
55-59	303	330	330	290	55-59	316	330	380	290	55-59	619	660	710	580
60-64	242	290	320	310	60-64	253	310	330	370	60-64	495	600	650	680
65-69	164	230	270	300	65-69	193	240	300	310	65-69	358	470	570	610
70-74	127	140	200	250	70-74	149	180	220	280	70-74	276	320	420	530
75-79	82	110	120	170	75-79	109	140	160	210	75-79	192	250	280	380
80-84	69	60	80	90	80-84	80	90	120	140	80-84	150	150	200	230
85+	40	60	60	80	85+	81	100	120	150	85+	121	160	180	230
<b>Total</b>	<b>4,219</b>	<b>4,340</b>	<b>4,410</b>	<b>4,410</b>	<b>Total</b>	<b>4,456</b>	<b>4,620</b>	<b>4,680</b>	<b>4,730</b>	<b>Total</b>	<b>8,675</b>	<b>8,960</b>	<b>9,090</b>	<b>9,140</b>
										<b>Median Age</b>	<b>39.0</b>	<b>40.4</b>	<b>42.1</b>	<b>43.9</b>

	2010 to 2015	2015 to 2020	2020 to 2025
<b>Births</b>	400	390	360
<b>Deaths</b>	300	350	400
<b>Natural Increase</b>	100	40	-40
<b>Net Migration</b>	150	120	100
<b>Change</b>	250	160	60

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

**Mohawk Trails Elementary**

Males	2010	2015	2020	2025	Females	2010	2015	2020	2025	Total	2010	2015	2020	2025
0-4	199	220	210	190	0-4	162	220	200	190	0-4	361	440	410	380
5-9	288	310	310	290	5-9	272	270	310	280	5-9	560	580	620	570
10-14	342	310	320	320	10-14	310	290	280	320	10-14	652	600	600	640
15-19	250	270	240	270	15-19	249	240	230	230	15-19	500	510	470	500
20-24	82	70	90	90	20-24	58	70	60	70	20-24	141	140	150	160
25-29	68	140	110	130	25-29	83	110	110	100	25-29	151	250	220	230
30-34	101	120	180	150	30-34	111	140	160	150	30-34	212	260	340	300
35-39	184	170	180	230	35-39	223	180	200	210	35-39	408	350	380	440
40-44	261	180	170	180	40-44	269	220	180	200	40-44	530	400	350	380
45-49	275	260	180	170	45-49	322	270	220	180	45-49	598	530	400	350
50-54	300	270	250	180	50-54	295	320	270	220	50-54	594	590	520	400
55-59	232	270	260	250	55-59	266	270	310	260	55-59	498	540	570	510
60-64	237	200	260	250	60-64	231	240	260	310	60-64	468	440	520	560
65-69	171	200	180	230	65-69	184	200	220	240	65-69	355	400	400	470
70-74	110	140	170	150	70-74	130	160	180	190	70-74	241	300	350	340
75-79	91	90	120	140	75-79	99	120	140	160	75-79	189	210	260	300
80-84	69	70	70	90	80-84	92	80	100	120	80-84	161	150	170	210
85+	32	50	60	70	85+	63	100	110	130	85+	95	150	170	200
<b>Total</b>	<b>3,292</b>	<b>3,340</b>	<b>3,360</b>	<b>3,380</b>	<b>Total</b>	<b>3,420</b>	<b>3,500</b>	<b>3,540</b>	<b>3,560</b>	<b>Total</b>	<b>6,713</b>	<b>6,840</b>	<b>6,900</b>	<b>6,940</b>
										<b>Median Age</b>	<b>43.5</b>	<b>43.6</b>	<b>43.7</b>	<b>43.3</b>

	2010 to 2015	2015 to 2020	2020 to 2025
<b>Births</b>	220	230	230
<b>Deaths</b>	270	300	340
<b>Natural Increase</b>	-50	-70	-110
<b>Net Migration</b>	180	150	130
<b>Change</b>	130	80	20

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



**Orchard Park Elementary**

Males	2010	2015	2020	2025	Females	2010	2015	2020	2025	Total	2010	2015	2020	2025		2010 to 2015	2015 to 2020	2020 to 2025
0-4	350	330	310	300	0-4	329	320	300	290	0-4	679	650	610	590	Births	620	610	600
5-9	365	330	330	310	5-9	327	310	320	300	5-9	692	640	650	610	Deaths	640	640	660
10-14	364	350	320	310	10-14	326	310	290	300	10-14	691	660	610	610	Natural Increase	-20	-30	-60
15-19	373	360	340	310	15-19	280	320	300	290	15-19	653	680	640	600	Net Migration	170	160	160
20-24	351	380	360	350	20-24	352	290	330	310	20-24	703	670	690	660	Change	150	130	100
25-29	577	660	670	660	25-29	678	670	580	620	25-29	1,255	1,330	1,250	1,280	Differences between period Totals may not equal Change due to rounding.			
30-34	475	480	570	580	30-34	520	580	580	490	30-34	995	1,060	1,150	1,070				
35-39	495	440	440	530	35-39	460	490	550	540	35-39	955	930	990	1,070				
40-44	433	440	380	390	40-44	442	410	440	500	40-44	875	850	820	890				
45-49	419	390	400	350	45-49	523	410	370	400	45-49	943	800	770	750				
50-54	425	410	390	390	50-54	563	520	400	370	50-54	987	930	790	760				
55-59	386	410	400	380	55-59	408	550	510	400	55-59	793	960	910	780				
60-64	321	370	400	380	60-64	355	400	540	500	60-64	676	770	940	880				
65-69	211	300	350	370	65-69	315	340	380	520	65-69	526	640	730	890				
70-74	158	190	270	310	70-74	234	300	320	360	70-74	392	490	590	670				
75-79	149	130	160	230	75-79	229	210	270	300	75-79	378	340	430	530				
80-84	134	110	100	120	80-84	225	190	180	230	80-84	359	300	280	350				
85+	134	140	130	120	85+	401	400	370	350	85+	535	540	500	470				
<b>Total</b>	<b>6,121</b>	<b>6,220</b>	<b>6,320</b>	<b>6,390</b>	<b>Total</b>	<b>6,967</b>	<b>7,020</b>	<b>7,030</b>	<b>7,070</b>	<b>Total</b>	<b>13,088</b>	<b>13,240</b>	<b>13,350</b>	<b>13,460</b>				
										<b>Median Age</b>	<b>39.6</b>	<b>40.0</b>	<b>40.5</b>	<b>41.3</b>				

**Prairie Trace Elementary**

Males	2010	2015	2020	2025	Females	2010	2015	2020	2025	Total	2010	2015	2020	2025		2010 to 2015	2015 to 2020	2020 to 2025
0-4	206	190	180	170	0-4	213	180	180	160	0-4	419	370	360	330	Births	230	210	220
5-9	305	290	260	250	5-9	301	300	260	250	5-9	606	590	520	500	Deaths	130	160	210
10-14	315	310	290	260	10-14	323	300	300	260	10-14	638	610	590	520	Natural Increase	100	50	10
15-19	213	270	270	260	15-19	186	280	270	270	15-19	399	550	540	530	Net Migration	140	150	140
20-24	52	70	60	50	20-24	54	50	70	50	20-24	105	120	130	100	Change	240	200	150
25-29	50	70	90	90	25-29	66	70	60	100	25-29	117	140	150	190	Differences between period Totals may not equal Change due to rounding.			
30-34	113	80	120	160	30-34	151	90	130	130	30-34	264	170	250	290				
35-39	212	140	140	180	35-39	270	180	150	180	35-39	482	320	290	360				
40-44	312	240	170	180	40-44	327	300	210	200	40-44	639	540	380	380				
45-49	306	310	230	170	45-49	289	330	290	210	45-49	594	640	520	380				
50-54	175	300	300	230	50-54	217	290	320	290	50-54	393	590	620	520				
55-59	155	170	290	290	55-59	139	210	280	320	55-59	294	380	570	610				
60-64	150	150	160	280	60-64	152	140	210	270	60-64	302	290	370	550				
65-69	109	140	140	150	65-69	125	150	130	200	65-69	234	290	270	350				
70-74	51	100	130	130	70-74	59	120	140	120	70-74	110	220	270	250				
75-79	32	40	80	110	75-79	29	50	110	130	75-79	61	90	190	240				
80-84	20	20	30	60	80-84	23	20	50	90	80-84	42	40	80	150				
85+	10	20	20	30	85+	17	20	30	50	85+	27	40	50	80				
<b>Total</b>	<b>2,786</b>	<b>2,910</b>	<b>2,960</b>	<b>3,050</b>	<b>Total</b>	<b>2,941</b>	<b>3,080</b>	<b>3,190</b>	<b>3,280</b>	<b>Total</b>	<b>5,727</b>	<b>5,990</b>	<b>6,150</b>	<b>6,330</b>				
										<b>Median Age</b>	<b>38.3</b>	<b>41.2</b>	<b>43.2</b>	<b>44.5</b>				



**Smoky Row Elementary**

Males	2010	2015	2020	2025	Females	2010	2015	2020	2025	Total	2010	2015	2020	2025		2010 to 2015	2015 to 2020	2020 to 2025					
0-4	261	250	210	190	0-4	277	240	210	190	0-4	538	490	420	380	Births	330	310	290					
5-9	403	330	310	270	5-9	357	340	310	260	5-9	760	670	620	530	Deaths	110	150	200					
10-14	398	420	340	320	10-14	405	370	350	310	10-14	803	790	690	630	Natural Increase	220	160	90					
15-19	308	340	370	300	15-19	298	350	330	320	15-19	605	690	700	620	Net Migration	130	110	90					
20-24	80	70	80	100	20-24	83	60	90	60	20-24	163	130	170	160	Change	350	270	180					
25-29	64	90	90	100	25-29	73	100	90	110	25-29	137	190	180	210	Differences between period Totals may not equal Change due to rounding.								
30-34	136	170	190	180	30-34	164	180	190	170	30-34	301	350	380	350									
35-39	247	240	250	280	35-39	298	270	260	280	35-39	545	510	510	560									
40-44	344	260	260	280	40-44	372	310	290	290	40-44	717	570	550	570									
45-49	368	340	250	270	45-49	383	370	310	310	45-49	750	710	560	580									
50-54	341	350	330	250	50-54	299	370	370	310	50-54	640	720	700	560									
55-59	203	320	340	320	55-59	195	280	360	360	55-59	398	600	700	680									
60-64	124	180	300	320	60-64	104	180	270	350	60-64	228	360	570	670									
65-69	67	120	170	280	65-69	53	100	170	260	65-69	121	220	340	540									
70-74	30	60	110	150	70-74	36	50	90	160	70-74	66	110	200	310									
75-79	15	30	50	90	75-79	23	30	50	90	75-79	38	60	100	180									
80-84	17	10	20	40	80-84	15	20	30	40	80-84	32	30	50	80									
85+	3	10	10	20	85+	8	10	20	30	85+	11	20	30	50									
<b>Total</b>	<b>3,410</b>	<b>3,590</b>	<b>3,680</b>	<b>3,760</b>	<b>Total</b>	<b>3,444</b>	<b>3,630</b>	<b>3,790</b>	<b>3,900</b>	<b>Total</b>	<b>6,854</b>	<b>7,220</b>	<b>7,470</b>	<b>7,660</b>									
															<b>Median Age</b>	<b>36.1</b>	<b>37.9</b>	<b>40.6</b>	<b>43.4</b>				

**Towne Meadow Elementary**

Males	2010	2015	2020	2025	Females	2010	2015	2020	2025	Total	2010	2015	2020	2025		2010 to 2015	2015 to 2020	2020 to 2025					
0-4	267	220	210	170	0-4	255	210	200	170	0-4	522	430	410	340	Births	290	250	220					
5-9	385	380	350	300	5-9	409	370	340	300	5-9	794	750	690	600	Deaths	220	270	340					
10-14	504	390	390	350	10-14	457	420	370	350	10-14	960	810	760	700	Natural Increase	70	-20	-120					
15-19	383	430	310	330	15-19	301	390	340	310	15-19	685	820	650	640	Net Migration	140	160	120					
20-24	98	120	80	50	20-24	77	30	30	70	20-24	175	150	110	120	Change	210	140	0					
25-29	86	110	130	90	25-29	109	90	50	50	25-29	195	200	180	140	Differences between period Totals may not equal Change due to rounding.								
30-34	125	140	170	180	30-34	182	170	150	100	30-34	308	310	320	280									
35-39	247	240	270	270	35-39	287	290	290	250	35-39	534	530	560	520									
40-44	350	300	310	330	40-44	445	340	370	350	40-44	795	640	680	680									
45-49	437	350	310	320	45-49	466	440	360	380	45-49	904	790	670	700									
50-54	424	430	340	310	50-54	398	460	440	350	50-54	823	890	780	660									
55-59	307	410	420	330	55-59	337	390	450	430	55-59	644	800	870	760									
60-64	251	290	390	400	60-64	257	330	380	440	60-64	508	620	770	840									
65-69	174	220	280	370	65-69	145	230	320	370	65-69	319	450	600	740									
70-74	92	150	190	240	70-74	80	130	210	290	70-74	172	280	400	530									
75-79	59	80	130	160	75-79	62	70	120	200	75-79	121	150	250	360									
80-84	33	40	60	100	80-84	36	50	60	100	80-84	69	90	120	200									
85+	18	30	40	50	85+	33	40	60	80	85+	51	70	100	130									
<b>Total</b>	<b>4,241</b>	<b>4,330</b>	<b>4,380</b>	<b>4,350</b>	<b>Total</b>	<b>4,336</b>	<b>4,450</b>	<b>4,540</b>	<b>4,590</b>	<b>Total</b>	<b>8,578</b>	<b>8,780</b>	<b>8,920</b>	<b>8,940</b>									
															<b>Median Age</b>	<b>40.7</b>	<b>43.0</b>	<b>45.7</b>	<b>48.2</b>				



**West Clay Elementary**

Males	2010	2015	2020	2025	Females	2010	2015	2020	2025	Total	2010	2015	2020	2025
0-4	272	240	210	200	0-4	226	230	210	200	0-4	498	470	420	400
5-9	346	370	380	340	5-9	360	330	370	340	5-9	706	700	750	680
10-14	318	360	390	390	10-14	308	380	340	390	10-14	626	740	730	780
15-19	206	250	300	340	15-19	224	240	310	290	15-19	430	490	610	630
20-24	62	40	40	30	20-24	59	50	30	50	20-24	121	90	70	80
25-29	47	80	50	60	25-29	71	80	70	60	25-29	118	160	120	120
30-34	111	100	130	110	30-34	184	120	120	130	30-34	296	220	250	240
35-39	270	160	140	160	35-39	301	240	170	160	35-39	571	400	310	320
40-44	302	280	180	180	40-44	333	320	250	210	40-44	634	600	430	390
45-49	306	300	280	170	45-49	302	330	310	250	45-49	608	630	590	420
50-54	240	300	290	280	50-54	232	300	330	310	50-54	471	600	620	590
55-59	177	230	290	280	55-59	167	230	290	320	55-59	344	460	580	600
60-64	126	150	210	270	60-64	101	150	210	270	60-64	227	300	420	540
65-69	52	100	130	180	65-69	69	80	120	190	65-69	121	180	250	370
70-74	41	30	80	100	70-74	31	50	60	110	70-74	72	80	140	210
75-79	17	30	30	60	75-79	30	30	40	50	75-79	47	60	70	110
80-84	19	10	30	20	80-84	38	30	20	40	80-84	56	40	50	60
85+	23	20	20	20	85+	38	50	50	40	85+	61	70	70	60
<b>Total</b>	<b>2,932</b>	<b>3,050</b>	<b>3,180</b>	<b>3,190</b>	<b>Total</b>	<b>3,074</b>	<b>3,240</b>	<b>3,300</b>	<b>3,410</b>	<b>Total</b>	<b>6,006</b>	<b>6,290</b>	<b>6,480</b>	<b>6,600</b>
										<b>Median Age</b>	<b>36.8</b>	<b>38.4</b>	<b>39.7</b>	<b>40.6</b>

	2010 to 2015	2015 to 2020	2020 to 2025
<b>Births</b>	230	200	190
<b>Deaths</b>	130	150	170
<b>Natural Increase</b>	100	50	20
<b>Net Migration</b>	170	160	120
<b>Change</b>	270	210	140

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

**Woodbrook Elementary**

Males	2010	2015	2020	2025	Females	2010	2015	2020	2025	Total	2010	2015	2020	2025
0-4	193	190	180	180	0-4	201	180	180	170	0-4	395	370	360	350
5-9	295	250	250	240	5-9	289	260	240	230	5-9	584	510	490	470
10-14	346	310	260	260	10-14	348	300	270	250	10-14	694	610	530	510
15-19	274	300	270	220	15-19	240	300	260	230	15-19	514	600	530	450
20-24	85	110	100	80	20-24	87	70	100	80	20-24	172	180	200	160
25-29	77	100	120	110	25-29	87	100	80	110	25-29	164	200	200	220
30-34	109	130	140	160	30-34	121	140	150	130	30-34	230	270	290	290
35-39	212	180	210	220	35-39	235	200	220	220	35-39	447	380	430	440
40-44	279	230	210	240	40-44	310	260	230	250	40-44	589	490	440	490
45-49	316	280	250	230	45-49	356	310	280	240	45-49	671	590	530	470
50-54	308	310	270	240	50-54	310	350	310	270	50-54	619	660	580	510
55-59	259	300	300	260	55-59	244	310	350	300	55-59	503	610	650	560
60-64	241	250	290	290	60-64	249	240	300	340	60-64	490	490	590	630
65-69	172	210	220	260	65-69	203	230	220	280	65-69	376	440	440	540
70-74	124	160	190	200	70-74	158	190	220	210	70-74	282	350	410	410
75-79	103	100	130	160	75-79	104	140	180	200	75-79	207	240	310	360
80-84	55	80	80	100	80-84	67	90	120	150	80-84	122	170	200	250
85+	22	40	60	70	85+	45	70	100	140	85+	68	110	160	210
<b>Total</b>	<b>3,472</b>	<b>3,530</b>	<b>3,530</b>	<b>3,520</b>	<b>Total</b>	<b>3,655</b>	<b>3,740</b>	<b>3,810</b>	<b>3,800</b>	<b>Total</b>	<b>7,126</b>	<b>7,270</b>	<b>7,340</b>	<b>7,320</b>
										<b>Median Age</b>	<b>43.1</b>	<b>45.2</b>	<b>46.9</b>	<b>48.0</b>

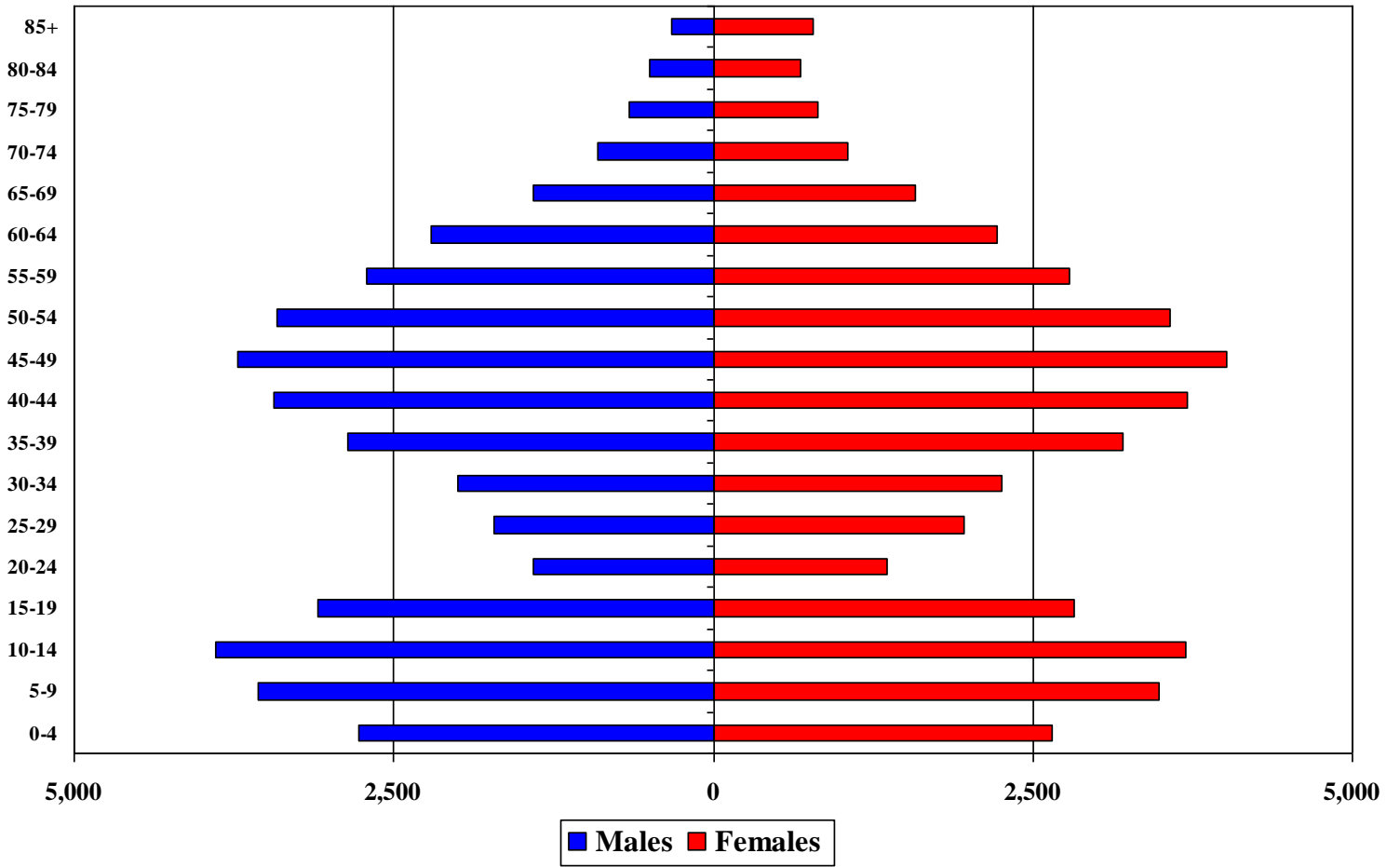
	2010 to 2015	2015 to 2020	2020 to 2025
<b>Births</b>	280	280	280
<b>Deaths</b>	260	320	380
<b>Natural Increase</b>	20	-40	-100
<b>Net Migration</b>	110	100	90
<b>Change</b>	130	60	-10

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



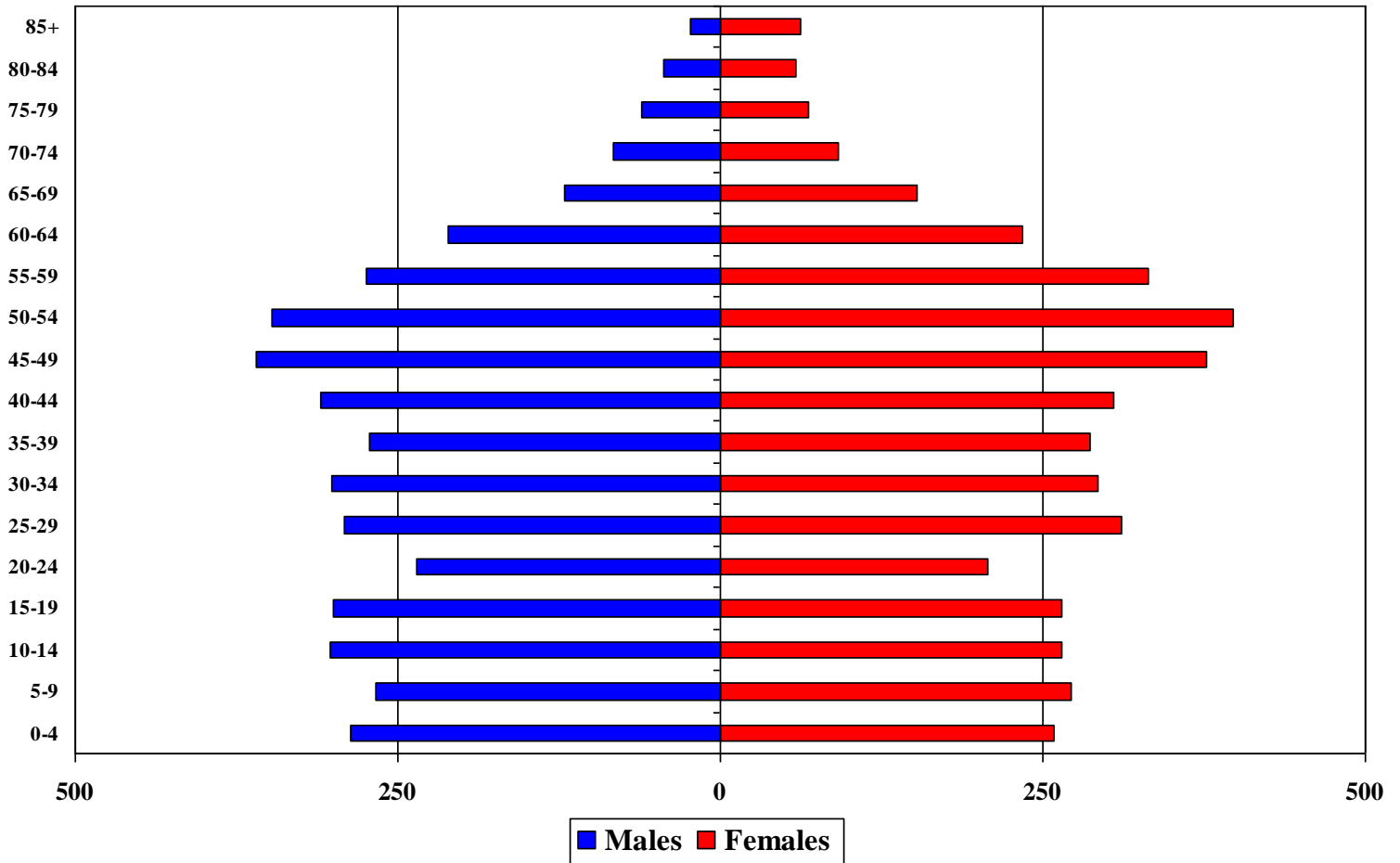
Appendix C: Population Pyramids

Carmel Clay Schools Total Population - 2010 Census



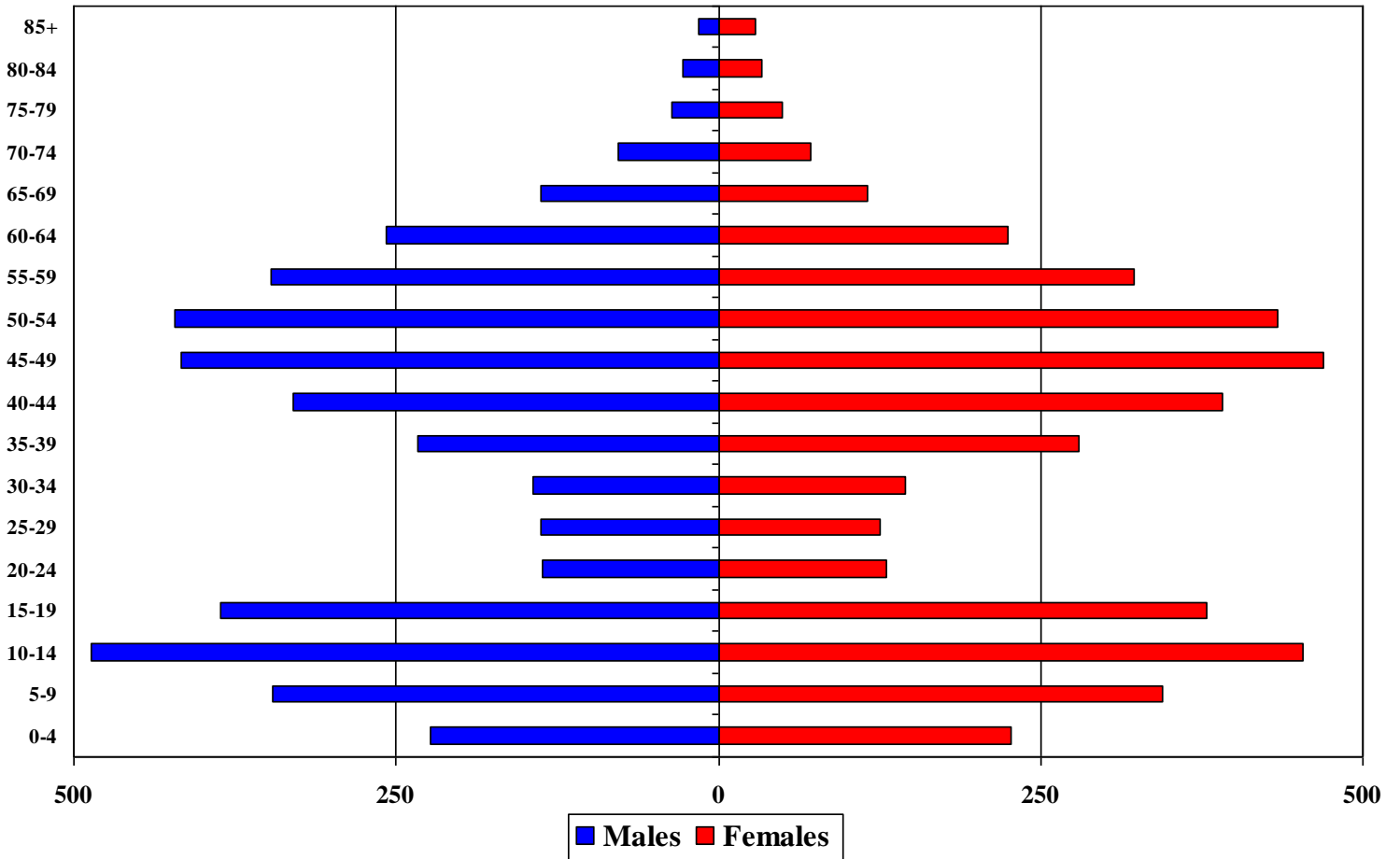


Carmel Elementary Total Population - 2010 Census





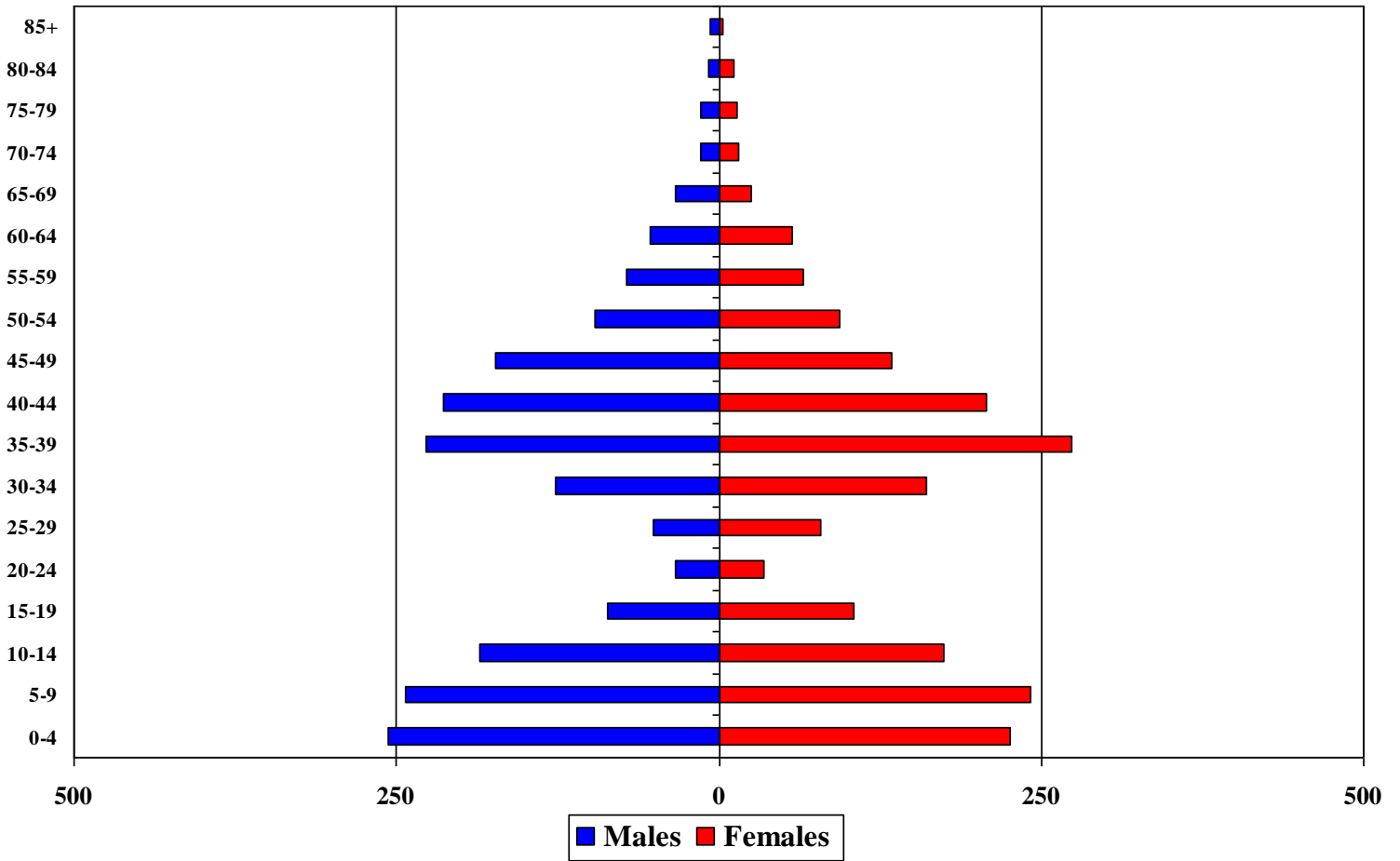
Cherry Tree Elementary Total Population - 2010 Census





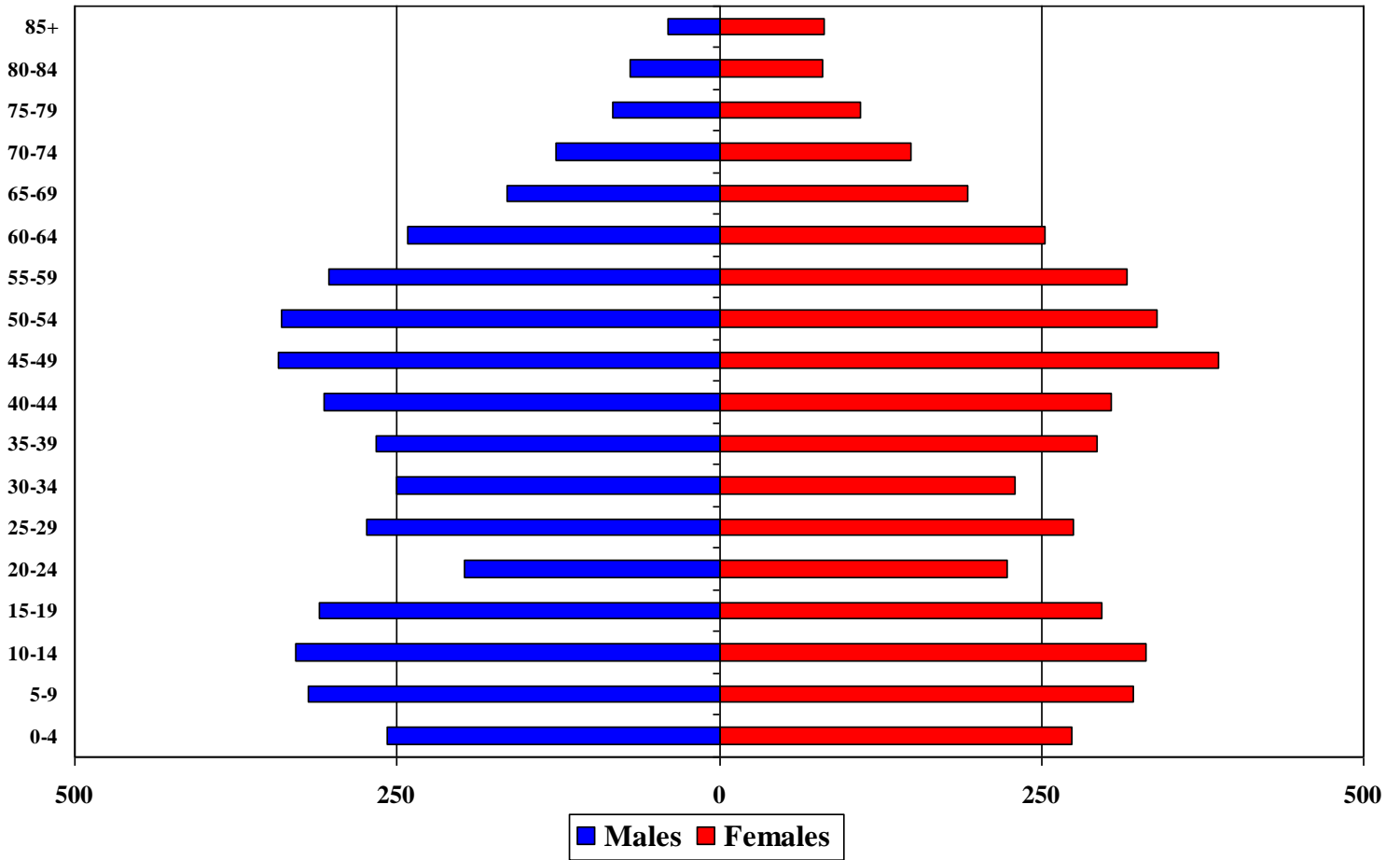


College Wood Elementary Total Population - 2010 Census



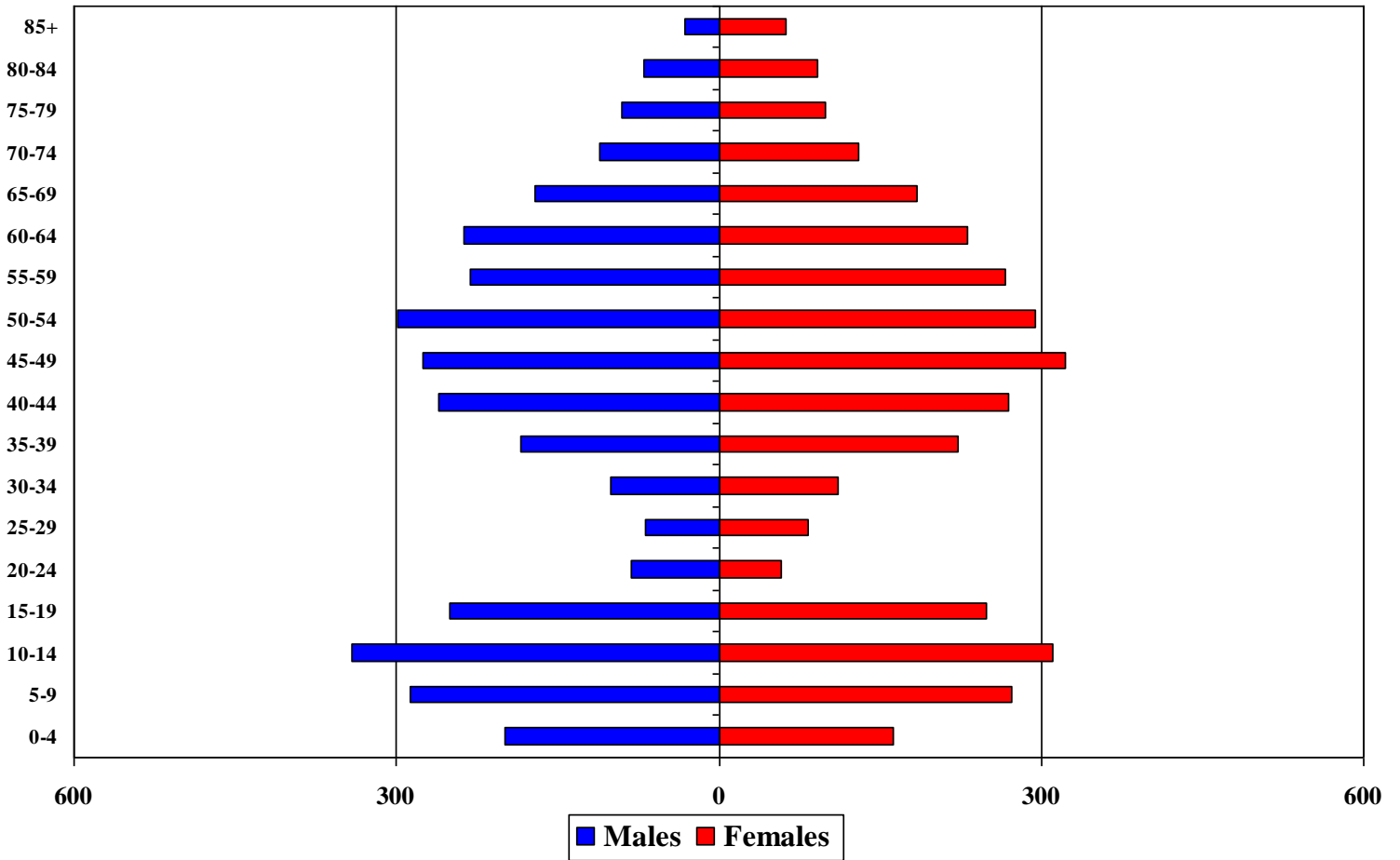


Forest Dale Elementary Total Population - 2010 Census



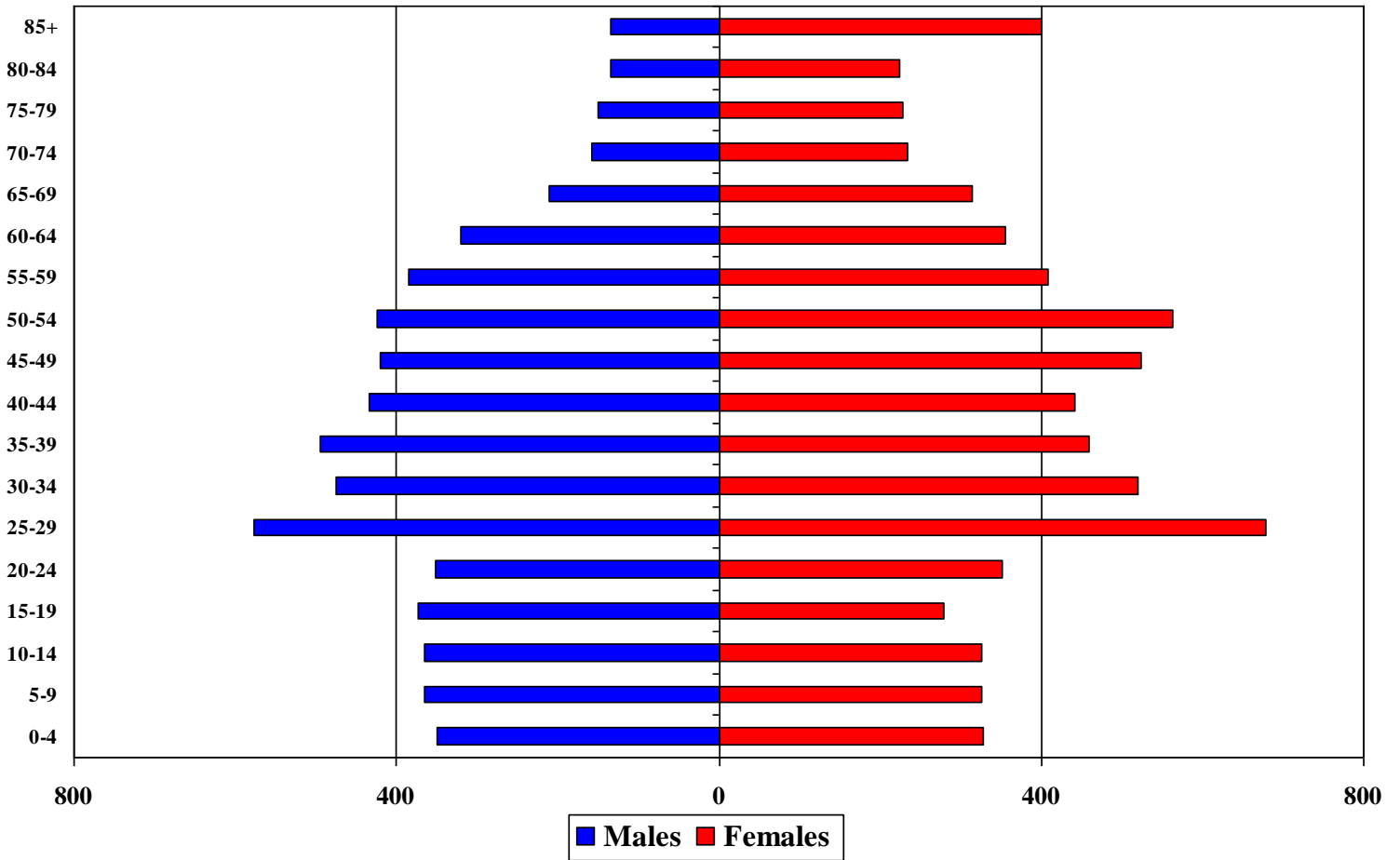


Mohawk Trails Elementary Total Population - 2010 Census



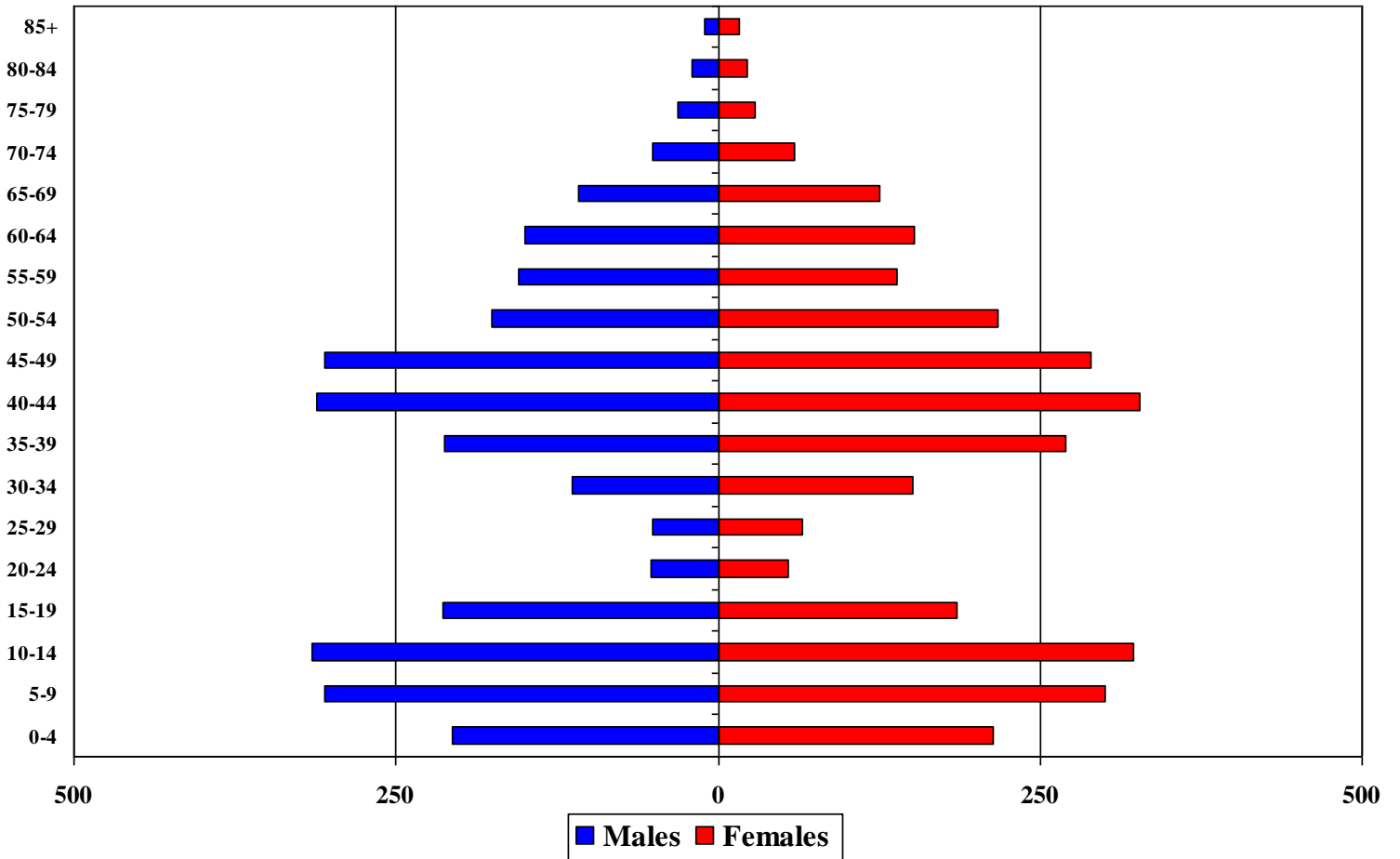


Orchard Park Elementary Total Population - 2010 Census



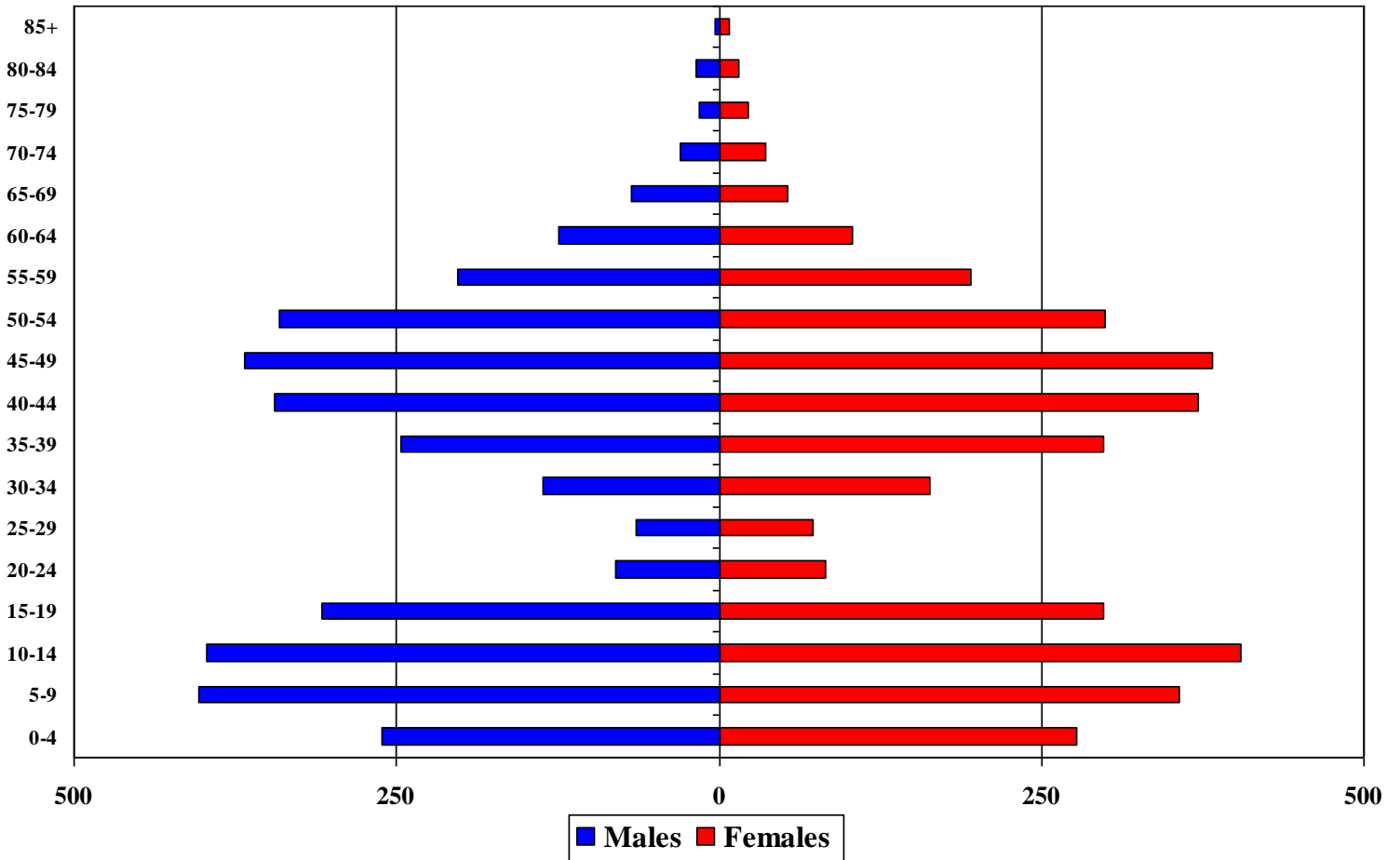


Prairie Trace Elementary Total Population - 2010 Census



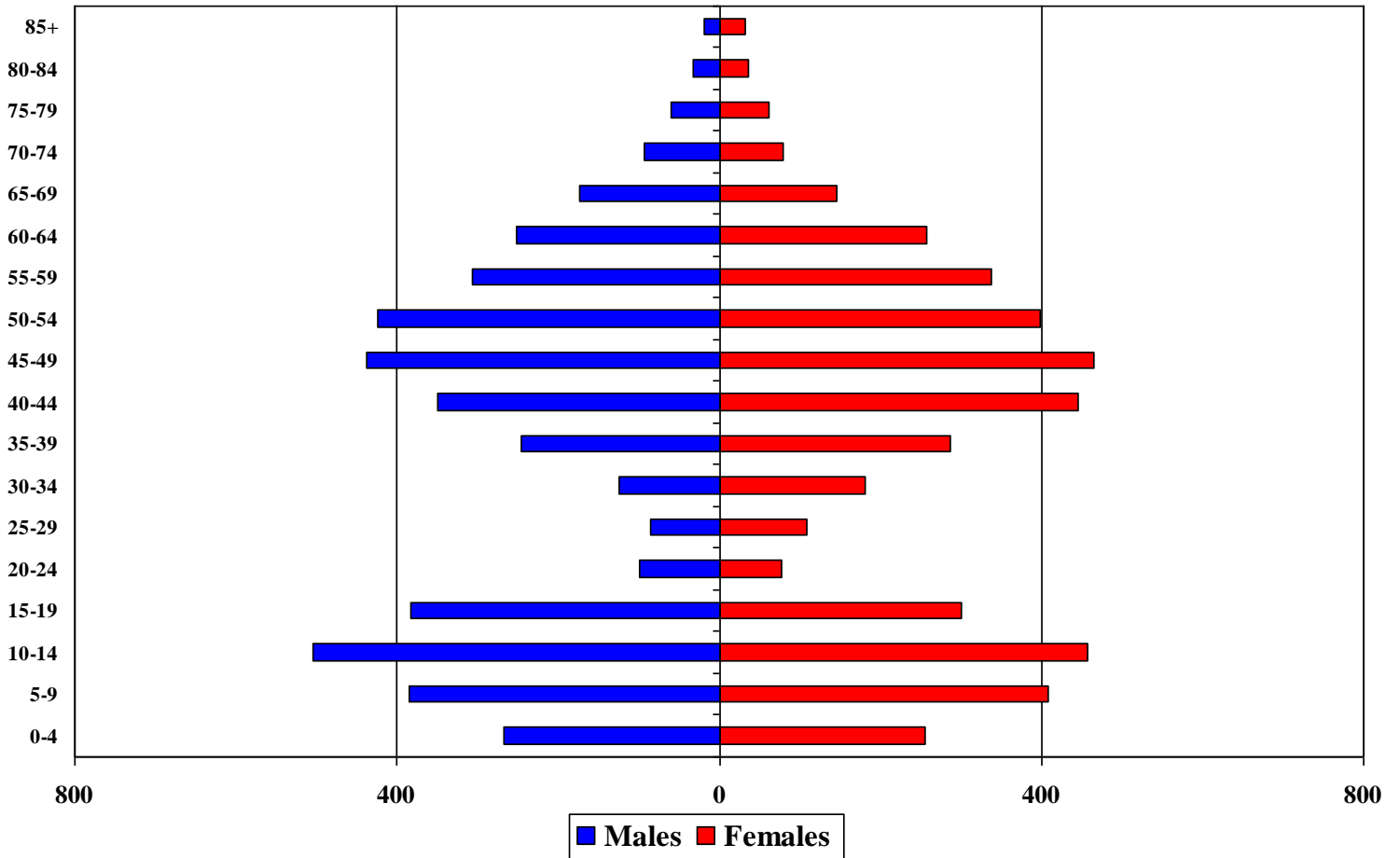


Smoky Row Elementary Total Population - 2010 Census



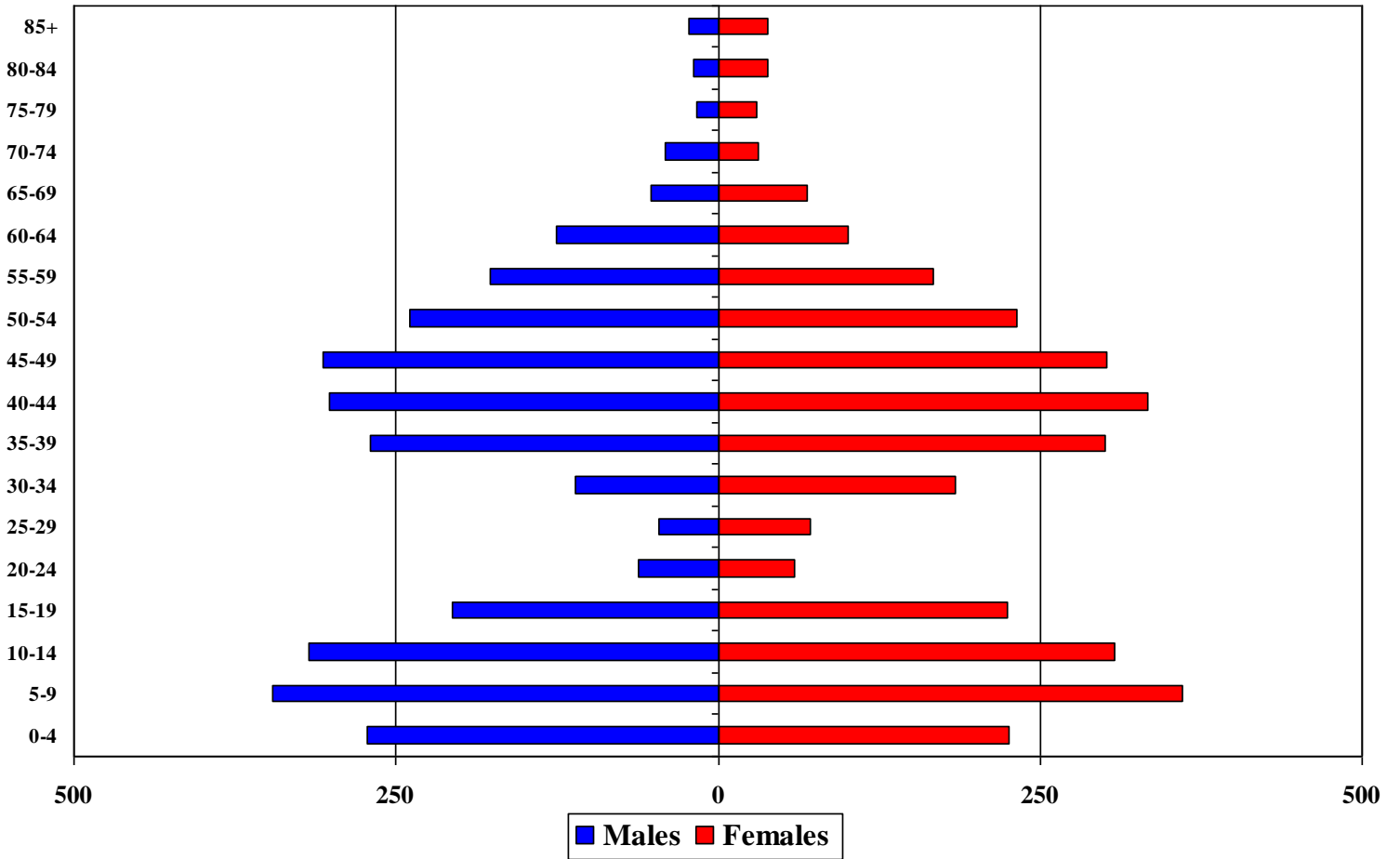


Towne Meadow Elementary Total Population - 2010 Census





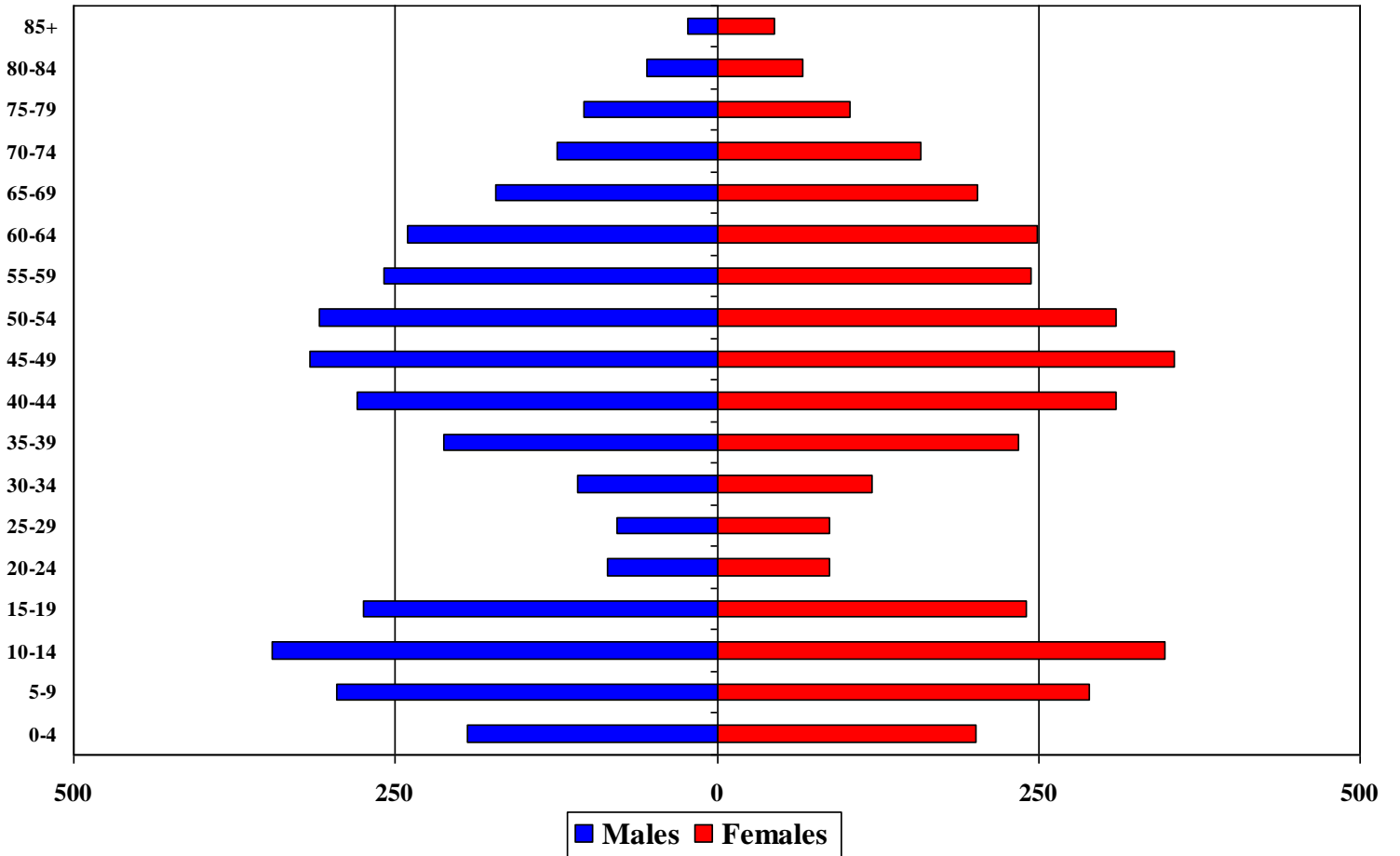
West Clay Elementary Total Population - 2010 Census







Woodbrook Elementary Total Population - 2010 Census





**Appendix D: Enrollment Forecasts**

**Carmel Clay Schools: Total District Enrollment**

	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
<b>K</b>	1054	1049	1120	1018	1056	1030	1063	1069	1061	1055	1046	1029	1014	999	983	960	971
<b>1</b>	1214	1170	1107	1192	1075	1104	1100	1135	1127	1118	1112	1096	1079	1061	1042	1026	1002
<b>2</b>	1214	1242	1210	1139	1214	1101	1156	1132	1167	1158	1143	1138	1122	1104	1086	1065	1048
<b>3</b>	1224	1243	1256	1237	1168	1249	1138	1179	1157	1190	1176	1161	1156	1140	1122	1104	1083
<b>4</b>	1291	1254	1259	1287	1234	1188	1263	1159	1200	1179	1207	1193	1178	1173	1157	1139	1121
<b>5</b>	1204	1299	1255	1290	1315	1268	1228	1286	1177	1220	1194	1223	1209	1194	1189	1173	1155
<b>Total: K-5</b>	<b>7201</b>	<b>7257</b>	<b>7207</b>	<b>7163</b>	<b>7062</b>	<b>6940</b>	<b>6948</b>	<b>6960</b>	<b>6889</b>	<b>6920</b>	<b>6878</b>	<b>6840</b>	<b>6758</b>	<b>6671</b>	<b>6579</b>	<b>6467</b>	<b>6380</b>
<b>6</b>	1294	1219	1315	1300	1319	1339	1295	1261	1321	1208	1253	1226	1255	1242	1226	1219	1204
<b>7</b>	1315	1279	1236	1352	1288	1341	1355	1307	1269	1330	1215	1260	1233	1262	1249	1233	1226
<b>8</b>	1220	1317	1275	1247	1369	1304	1360	1363	1314	1274	1334	1219	1264	1237	1266	1253	1237
<b>Total: 6-8</b>	<b>3829</b>	<b>3815</b>	<b>3826</b>	<b>3899</b>	<b>3976</b>	<b>3984</b>	<b>4010</b>	<b>3931</b>	<b>3904</b>	<b>3812</b>	<b>3802</b>	<b>3705</b>	<b>3752</b>	<b>3741</b>	<b>3741</b>	<b>3705</b>	<b>3667</b>
<b>9</b>	1171	1139	1216	1217	1174	1289	1279	1333	1336	1288	1249	1307	1195	1239	1212	1241	1228
<b>10</b>	1176	1147	1143	1215	1223	1177	1297	1273	1326	1329	1282	1243	1300	1189	1233	1206	1235
<b>11</b>	1073	1148	1153	1159	1220	1210	1163	1291	1267	1319	1322	1276	1237	1294	1183	1227	1200
<b>12</b>	1046	1045	1195	1195	1213	1265	1245	1198	1330	1305	1359	1362	1314	1274	1333	1218	1264
<b>Total: 9-12</b>	<b>4466</b>	<b>4479</b>	<b>4707</b>	<b>4786</b>	<b>4830</b>	<b>4941</b>	<b>4984</b>	<b>5095</b>	<b>5259</b>	<b>5241</b>	<b>5212</b>	<b>5188</b>	<b>5046</b>	<b>4996</b>	<b>4961</b>	<b>4892</b>	<b>4927</b>
<b>Total: K-12</b>	<b>15496</b>	<b>15551</b>	<b>15740</b>	<b>15848</b>	<b>15868</b>	<b>15865</b>	<b>15942</b>	<b>15986</b>	<b>16052</b>	<b>15973</b>	<b>15892</b>	<b>15733</b>	<b>15556</b>	<b>15408</b>	<b>15281</b>	<b>15064</b>	<b>14974</b>
<b>Change</b>		55	189	108	20	-3	77	44	66	-79	-81	-159	-177	-148	-127	-217	-90
<b>%-Change</b>		0.4%	1.2%	0.7%	0.1%	0.0%	0.5%	0.3%	0.4%	-0.5%	-0.5%	-1.0%	-1.1%	-1.0%	-0.8%	-1.4%	-0.6%
<b>Total: K-5</b>	<b>7201</b>	<b>7257</b>	<b>7207</b>	<b>7163</b>	<b>7062</b>	<b>6940</b>	<b>6948</b>	<b>6960</b>	<b>6889</b>	<b>6920</b>	<b>6878</b>	<b>6840</b>	<b>6758</b>	<b>6671</b>	<b>6579</b>	<b>6467</b>	<b>6380</b>
<b>Change</b>		56	-50	-44	-101	-122	8	12	-71	31	-42	-38	-82	-87	-92	-112	-87
<b>%-Change</b>		0.8%	-0.7%	-0.6%	-1.4%	-1.7%	0.1%	0.2%	-1.0%	0.4%	-0.6%	-0.6%	-1.2%	-1.3%	-1.4%	-1.7%	-1.3%
<b>Total: 6-8</b>	<b>3829</b>	<b>3815</b>	<b>3826</b>	<b>3899</b>	<b>3976</b>	<b>3984</b>	<b>4010</b>	<b>3931</b>	<b>3904</b>	<b>3812</b>	<b>3802</b>	<b>3705</b>	<b>3752</b>	<b>3741</b>	<b>3741</b>	<b>3705</b>	<b>3667</b>
<b>Change</b>		-14	11	73	77	8	26	-79	-27	-92	-10	-97	47	-11	0	-36	-38
<b>%-Change</b>		-0.4%	0.3%	1.9%	2.0%	0.2%	0.7%	-2.0%	-0.7%	-2.4%	-0.3%	-2.6%	1.3%	-0.3%	0.0%	-1.0%	-1.0%
<b>Total: 9-12</b>	<b>4466</b>	<b>4479</b>	<b>4707</b>	<b>4786</b>	<b>4830</b>	<b>4941</b>	<b>4984</b>	<b>5095</b>	<b>5259</b>	<b>5241</b>	<b>5212</b>	<b>5188</b>	<b>5046</b>	<b>4996</b>	<b>4961</b>	<b>4892</b>	<b>4927</b>
<b>Change</b>		13	228	79	44	111	43	111	164	-18	-29	-24	-142	-50	-35	-69	35
<b>%-Change</b>		0.3%	5.1%	1.7%	0.9%	2.3%	0.9%	2.2%	3.2%	-0.3%	-0.6%	-0.5%	-2.7%	-1.0%	-0.7%	-1.4%	0.7%

Forecasts Developed October 2016  
 Green Cells (2016-17 and earlier) are historical data  
 Blue Cells (2017-18 and later) are forecasted years



**Carmel 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	2026-27
K	89	91	90	74	74	70	91	89	87	85	84	83	82	81	80	79	80
1	115	79	104	92	74	80	67	93	91	89	87	86	85	84	83	82	81
2	88	102	82	98	94	72	86	68	94	92	90	88	87	86	85	84	83
3	88	67	97	78	102	86	74	83	66	91	90	88	86	85	84	83	82
4	89	76	72	99	75	100	91	75	84	67	93	92	90	88	87	86	85
5	87	83	76	79	95	83	109	93	77	86	69	95	94	92	90	89	88
<b>Total: K-5</b>	<b>556</b>	<b>498</b>	<b>521</b>	<b>520</b>	<b>514</b>	<b>491</b>	<b>518</b>	<b>501</b>	<b>499</b>	<b>510</b>	<b>513</b>	<b>532</b>	<b>524</b>	<b>516</b>	<b>509</b>	<b>503</b>	<b>499</b>
<b>Total: K-5</b>	<b>556</b>	<b>498</b>	<b>521</b>	<b>520</b>	<b>514</b>	<b>491</b>	<b>518</b>	<b>501</b>	<b>499</b>	<b>510</b>	<b>513</b>	<b>532</b>	<b>524</b>	<b>516</b>	<b>509</b>	<b>503</b>	<b>499</b>
<b>Change</b>		-58	23	-1	-6	-23	27	-17	-2	11	3	19	-8	-8	-7	-6	-4
<b>% Change</b>		-10.4%	4.6%	-0.2%	-1.2%	-4.5%	5.5%	-3.3%	-0.4%	2.2%	0.6%	3.7%	-1.5%	-1.5%	-1.4%	-1.2%	-0.8%

Forecasts Developed October 2016  
 Green Cells (2016-17 and earlier) are historical data  
 Blue Cells (2017-18 and later) are forecasted years

**Cherry Tree 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	2026-27
K	71	103	99	101	108	108	118	117	118	120	120	118	116	114	112	108	109
1	77	116	113	105	104	112	114	122	123	124	126	125	123	121	119	117	113
2	97	102	124	112	115	103	112	116	124	125	126	129	128	125	123	121	119
3	87	129	112	123	119	116	106	114	118	126	128	129	132	131	128	126	124
4	100	121	126	119	132	120	119	109	117	121	130	132	133	136	135	132	130
5	93	109	117	130	134	134	125	123	112	121	125	135	137	138	141	140	137
<b>Total: K-5</b>	<b>525</b>	<b>680</b>	<b>691</b>	<b>690</b>	<b>712</b>	<b>693</b>	<b>694</b>	<b>701</b>	<b>712</b>	<b>737</b>	<b>755</b>	<b>768</b>	<b>769</b>	<b>765</b>	<b>758</b>	<b>744</b>	<b>732</b>
<b>Total: K-5</b>	<b>525</b>	<b>680</b>	<b>691</b>	<b>690</b>	<b>712</b>	<b>693</b>	<b>694</b>	<b>701</b>	<b>712</b>	<b>737</b>	<b>755</b>	<b>768</b>	<b>769</b>	<b>765</b>	<b>758</b>	<b>744</b>	<b>732</b>
<b>Change</b>		155	11	-1	22	-19	1	7	11	25	18	13	1	-4	-7	-14	-12
<b>% Change</b>		29.5%	1.6%	-0.1%	3.2%	-2.7%	0.1%	1.0%	1.6%	3.5%	2.4%	1.7%	0.1%	-0.5%	-0.9%	-1.8%	-1.6%

Forecasts Developed October 2016  
 Green Cells (2016-17 and earlier) are historical data  
 Blue Cells (2017-18 and later) are forecasted years

**College Wood 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	2026-27
K	102	105	117	116	127	99	111	113	114	115	114	113	112	111	110	107	108
1	148	102	122	132	128	118	99	116	118	119	120	118	117	115	114	113	110
2	116	122	111	133	148	124	118	100	117	119	121	122	120	119	117	116	115
3	157	103	130	122	141	134	128	119	101	118	120	122	123	121	120	118	117
4	143	130	109	137	130	125	136	130	121	103	120	122	124	125	123	122	120
5	122	115	134	112	143	129	127	139	133	123	106	123	125	127	128	126	125
<b>Total: K-5</b>	<b>788</b>	<b>677</b>	<b>723</b>	<b>752</b>	<b>817</b>	<b>729</b>	<b>719</b>	<b>717</b>	<b>704</b>	<b>697</b>	<b>701</b>	<b>720</b>	<b>721</b>	<b>718</b>	<b>712</b>	<b>702</b>	<b>695</b>
<b>Total: K-5</b>	<b>788</b>	<b>677</b>	<b>723</b>	<b>752</b>	<b>817</b>	<b>729</b>	<b>719</b>	<b>717</b>	<b>704</b>	<b>697</b>	<b>701</b>	<b>720</b>	<b>721</b>	<b>718</b>	<b>712</b>	<b>702</b>	<b>695</b>
<b>Change</b>		-111	46	29	65	-88	-10	-2	-13	-7	4	19	1	-3	-6	-10	-7
<b>% Change</b>		-14.1%	6.8%	4.0%	8.6%	-10.8%	-1.4%	-0.3%	-1.8%	-1.0%	0.6%	2.7%	0.1%	-0.4%	-0.8%	-1.4%	-1.0%

Forecasts Developed October 2016  
 Green Cells (2016-17 and earlier) are historical data  
 Blue Cells (2017-18 and later) are forecasted years



**Forest Dale 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	2026-27
<b>K</b>	112	107	125	104	100	109	82	87	89	91	89	88	87	86	85	84	85
<b>1</b>	107	123	87	120	99	99	106	80	84	86	88	87	86	85	84	83	82
<b>2</b>	126	113	131	92	109	98	105	107	81	85	87	89	88	87	86	85	84
<b>3</b>	82	122	114	129	100	105	102	107	109	82	87	89	91	90	89	88	87
<b>4</b>	138	98	118	112	123	95	106	103	108	110	83	88	90	92	91	90	89
<b>5</b>	85	140	102	122	121	125	92	105	102	107	109	82	87	89	91	90	89
<b>Total: K-5</b>	<b>650</b>	<b>703</b>	<b>677</b>	<b>679</b>	<b>652</b>	<b>631</b>	<b>593</b>	<b>589</b>	<b>573</b>	<b>561</b>	<b>543</b>	<b>523</b>	<b>529</b>	<b>529</b>	<b>526</b>	<b>520</b>	<b>516</b>
<b>Total: K-5</b>	<b>650</b>	<b>703</b>	<b>677</b>	<b>679</b>	<b>652</b>	<b>631</b>	<b>593</b>	<b>589</b>	<b>573</b>	<b>561</b>	<b>543</b>	<b>523</b>	<b>529</b>	<b>529</b>	<b>526</b>	<b>520</b>	<b>516</b>
<b>Change</b>		53	-26	2	-27	-21	-38	-4	-16	-12	-18	-20	6	0	-3	-6	-4
<b>% Change</b>		8.2%	-3.7%	0.3%	-4.0%	-3.2%	-6.0%	-0.7%	-2.7%	-2.1%	-3.2%	-3.7%	1.1%	0.0%	-0.6%	-1.1%	-0.8%

Forecasts Developed October 2016  
 Green Cells (2016-17 and earlier) are historical data  
 Blue Cells (2017-18 and later) are forecasted years

**Mohawk Trails 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	2026-27
<b>K</b>	81	88	83	74	86	69	98	98	96	94	92	90	87	85	83	79	80
<b>1</b>	92	99	79	91	78	91	84	107	104	102	100	97	95	92	89	87	83
<b>2</b>	92	97	98	84	92	84	101	89	113	110	107	105	102	100	97	93	91
<b>3</b>	106	97	101	100	88	97	89	106	93	118	114	111	109	106	104	101	97
<b>4</b>	99	116	99	103	101	91	105	93	110	97	122	117	114	112	109	107	104
<b>5</b>	86	104	114	104	101	107	97	108	96	113	99	124	119	116	114	111	109
<b>Total: K-5</b>	<b>556</b>	<b>601</b>	<b>574</b>	<b>556</b>	<b>546</b>	<b>539</b>	<b>574</b>	<b>601</b>	<b>612</b>	<b>634</b>	<b>634</b>	<b>644</b>	<b>626</b>	<b>611</b>	<b>596</b>	<b>578</b>	<b>564</b>
<b>Total: K-5</b>	<b>556</b>	<b>601</b>	<b>574</b>	<b>556</b>	<b>546</b>	<b>539</b>	<b>574</b>	<b>601</b>	<b>612</b>	<b>634</b>	<b>634</b>	<b>644</b>	<b>626</b>	<b>611</b>	<b>596</b>	<b>578</b>	<b>564</b>
<b>Change</b>		45	-27	-18	-10	-7	35	27	11	22	0	10	-18	-15	-15	-18	-14
<b>% Change</b>		8.1%	-4.5%	-3.1%	-1.8%	-1.3%	6.5%	4.7%	1.8%	3.6%	0.0%	1.6%	-2.8%	-2.4%	-2.5%	-3.0%	-2.4%

Forecasts Developed October 2016  
 Green Cells (2016-17 and earlier) are historical data  
 Blue Cells (2017-18 and later) are forecasted years

**Orchard Park 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	2026-27
<b>K</b>	99	104	122	115	109	107	112	110	107	105	105	103	102	100	98	97	98
<b>1</b>	119	95	117	111	120	109	115	118	115	111	109	108	106	105	103	101	100
<b>2</b>	131	129	97	109	103	118	107	113	116	113	108	106	105	103	102	100	98
<b>3</b>	117	129	129	99	97	113	119	106	112	115	111	106	104	103	101	100	98
<b>4</b>	109	118	133	119	96	100	101	115	103	109	110	107	102	100	99	97	96
<b>5</b>	100	110	121	126	115	85	100	97	110	99	104	105	102	97	95	94	92
<b>Total: K-5</b>	<b>675</b>	<b>685</b>	<b>719</b>	<b>679</b>	<b>640</b>	<b>632</b>	<b>654</b>	<b>659</b>	<b>663</b>	<b>652</b>	<b>647</b>	<b>635</b>	<b>621</b>	<b>608</b>	<b>598</b>	<b>589</b>	<b>582</b>
<b>Total: K-5</b>	<b>675</b>	<b>685</b>	<b>719</b>	<b>679</b>	<b>640</b>	<b>632</b>	<b>654</b>	<b>659</b>	<b>663</b>	<b>652</b>	<b>647</b>	<b>635</b>	<b>621</b>	<b>608</b>	<b>598</b>	<b>589</b>	<b>582</b>
<b>Change</b>		10	34	-40	-39	-8	22	5	4	-11	-5	-12	-14	-13	-10	-9	-7
<b>% Change</b>		1.5%	5.0%	-5.6%	-5.7%	-1.3%	3.5%	0.8%	0.6%	-1.7%	-0.8%	-1.9%	-2.2%	-2.1%	-1.6%	-1.5%	-1.2%

Forecasts Developed October 2016  
 Green Cells (2016-17 and earlier) are historical data  
 Blue Cells (2017-18 and later) are forecasted years



**Prairie Trace 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	2026-27
<b>K</b>	105	96	112	74	99	79	94	91	90	89	88	87	86	84	83	82	84
<b>1</b>	98	126	103	122	82	109	85	99	98	97	96	94	93	91	89	88	87
<b>2</b>	120	104	125	96	125	95	114	88	102	101	99	98	96	95	93	91	90
<b>3</b>	120	122	98	131	96	133	92	116	90	104	102	100	99	97	96	94	92
<b>4</b>	107	119	124	95	129	103	138	95	119	93	106	104	102	101	99	98	96
<b>5</b>	135	112	122	122	104	134	108	144	99	124	96	109	107	105	104	102	101
<b>Total: K-5</b>	<b>685</b>	<b>679</b>	<b>684</b>	<b>640</b>	<b>635</b>	<b>653</b>	<b>631</b>	<b>633</b>	<b>598</b>	<b>608</b>	<b>587</b>	<b>592</b>	<b>583</b>	<b>573</b>	<b>564</b>	<b>555</b>	<b>550</b>
<b>Total: K-5</b>	<b>685</b>	<b>679</b>	<b>684</b>	<b>640</b>	<b>635</b>	<b>653</b>	<b>631</b>	<b>633</b>	<b>598</b>	<b>608</b>	<b>587</b>	<b>592</b>	<b>583</b>	<b>573</b>	<b>564</b>	<b>555</b>	<b>550</b>
<b>Change</b>		-6	5	-44	-5	18	-22	2	-35	10	-21	5	-9	-10	-9	-9	-5
<b>% Change</b>		-0.9%	0.7%	-6.4%	-0.8%	2.8%	-3.4%	0.3%	-5.5%	1.7%	-3.5%	0.9%	-1.5%	-1.7%	-1.6%	-1.6%	-0.9%

Forecasts Developed October 2016  
 Green Cells (2016-17 and earlier) are historical data  
 Blue Cells (2017-18 and later) are forecasted years

**Smoky Row 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	2026-27
<b>K</b>	101	101	97	90	83	121	84	89	88	87	87	85	84	83	82	81	82
<b>1</b>	127	103	100	97	98	97	129	95	94	93	92	91	89	88	86	85	84
<b>2</b>	101	135	99	99	103	111	104	135	100	99	97	96	95	93	92	89	88
<b>3</b>	111	110	133	106	100	126	117	108	140	104	102	100	99	98	96	95	92
<b>4</b>	107	117	107	129	106	118	127	121	111	144	106	104	102	101	100	98	97
<b>5</b>	139	131	112	114	123	119	118	130	123	113	145	107	105	103	102	101	99
<b>Total: K-5</b>	<b>686</b>	<b>697</b>	<b>648</b>	<b>635</b>	<b>613</b>	<b>692</b>	<b>679</b>	<b>678</b>	<b>656</b>	<b>640</b>	<b>629</b>	<b>583</b>	<b>574</b>	<b>566</b>	<b>558</b>	<b>549</b>	<b>542</b>
<b>Total: K-5</b>	<b>686</b>	<b>697</b>	<b>648</b>	<b>635</b>	<b>613</b>	<b>692</b>	<b>679</b>	<b>678</b>	<b>656</b>	<b>640</b>	<b>629</b>	<b>583</b>	<b>574</b>	<b>566</b>	<b>558</b>	<b>549</b>	<b>542</b>
<b>Change</b>		11	-49	-13	-22	79	-13	-1	-22	-16	-11	-46	-9	-8	-8	-9	-7
<b>% Change</b>		1.6%	-7.0%	-2.0%	-3.5%	12.9%	-1.9%	-0.1%	-3.2%	-2.4%	-1.7%	-7.3%	-1.5%	-1.4%	-1.4%	-1.6%	-1.3%

Forecasts Developed October 2016  
 Green Cells (2016-17 and earlier) are historical data  
 Blue Cells (2017-18 and later) are forecasted years

**Towne Meadow 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	2026-27
<b>K</b>	92	92	96	81	100	89	94	92	91	90	90	88	87	86	85	83	84
<b>1</b>	104	126	90	122	94	107	99	103	101	100	99	98	96	95	93	92	90
<b>2</b>	130	120	135	109	119	97	120	104	108	106	104	103	102	100	99	97	96
<b>3</b>	115	138	125	140	115	119	100	124	107	111	108	106	105	104	102	101	99
<b>4</b>	127	123	143	138	133	117	119	102	126	109	112	109	107	106	105	103	102
<b>5</b>	132	122	118	151	137	133	121	120	103	127	110	113	110	108	107	106	104
<b>Total: K-5</b>	<b>700</b>	<b>721</b>	<b>707</b>	<b>741</b>	<b>698</b>	<b>662</b>	<b>653</b>	<b>645</b>	<b>636</b>	<b>643</b>	<b>623</b>	<b>617</b>	<b>607</b>	<b>599</b>	<b>591</b>	<b>582</b>	<b>575</b>
<b>Total: K-5</b>	<b>700</b>	<b>721</b>	<b>707</b>	<b>741</b>	<b>698</b>	<b>662</b>	<b>653</b>	<b>645</b>	<b>636</b>	<b>643</b>	<b>623</b>	<b>617</b>	<b>607</b>	<b>599</b>	<b>591</b>	<b>582</b>	<b>575</b>
<b>Change</b>		21	-14	34	-43	-36	-9	-8	-9	7	-20	-6	-10	-8	-8	-9	-7
<b>% Change</b>		3.0%	-1.9%	4.8%	-5.8%	-5.2%	-1.4%	-1.2%	-1.4%	1.1%	-3.1%	-1.0%	-1.6%	-1.3%	-1.3%	-1.5%	-1.2%

Forecasts Developed October 2016  
 Green Cells (2016-17 and earlier) are historical data  
 Blue Cells (2017-18 and later) are forecasted years



**West Clay 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	2026-27
K	121	95	107	101	103	104	107	112	111	110	108	106	104	102	99	96	96
1	129	112	116	115	107	119	125	126	124	123	122	119	117	114	112	109	105
2	123	123	121	116	122	114	125	133	134	131	129	128	125	123	120	118	114
3	132	130	121	119	120	133	124	131	140	141	136	134	133	130	128	125	123
4	150	119	134	132	124	128	136	128	135	144	144	139	137	136	133	131	128
5	119	147	123	138	134	134	137	141	133	140	148	148	143	141	140	137	135
<b>Total: K-5</b>	<b>774</b>	<b>726</b>	<b>722</b>	<b>721</b>	<b>710</b>	<b>732</b>	<b>754</b>	<b>771</b>	<b>777</b>	<b>789</b>	<b>787</b>	<b>774</b>	<b>759</b>	<b>746</b>	<b>732</b>	<b>716</b>	<b>701</b>
<b>Total: K-5</b>	<b>774</b>	<b>726</b>	<b>722</b>	<b>721</b>	<b>710</b>	<b>732</b>	<b>754</b>	<b>771</b>	<b>777</b>	<b>789</b>	<b>787</b>	<b>774</b>	<b>759</b>	<b>746</b>	<b>732</b>	<b>716</b>	<b>701</b>
<b>Change</b>		-48	-4	-1	-11	22	22	17	6	12	-2	-13	-15	-13	-14	-16	-15
<b>% Change</b>		-6.2%	-0.6%	-0.1%	-1.5%	3.1%	3.0%	2.3%	0.8%	1.5%	-0.3%	-1.7%	-1.9%	-1.7%	-1.9%	-2.2%	-2.1%

Forecasts Developed October 2016  
 Green Cells (2016-17 and earlier) are historical data  
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**Woodbrook 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	2026-27
K	81	67	72	88	67	75	72	71	70	69	69	68	67	67	66	64	65
1	98	89	76	85	91	63	77	76	75	74	73	73	72	71	70	69	67
2	90	95	87	91	84	85	64	79	78	77	75	74	74	73	72	71	70
3	109	96	96	90	90	87	87	65	81	80	78	76	75	75	74	73	72
4	122	117	94	104	85	91	85	88	66	82	81	79	77	76	76	75	74
5	106	126	116	92	108	85	94	86	89	67	83	82	80	78	77	77	76
<b>Total: K-5</b>	<b>606</b>	<b>590</b>	<b>541</b>	<b>550</b>	<b>525</b>	<b>486</b>	<b>479</b>	<b>465</b>	<b>459</b>	<b>449</b>	<b>459</b>	<b>452</b>	<b>445</b>	<b>440</b>	<b>435</b>	<b>429</b>	<b>424</b>
<b>Total: K-5</b>	<b>606</b>	<b>590</b>	<b>541</b>	<b>550</b>	<b>525</b>	<b>486</b>	<b>479</b>	<b>465</b>	<b>459</b>	<b>449</b>	<b>459</b>	<b>452</b>	<b>445</b>	<b>440</b>	<b>435</b>	<b>429</b>	<b>424</b>
<b>Change</b>		-16	-49	9	-25	-39	-7	-14	-6	-10	10	-7	-7	-5	-5	-6	-5
<b>% Change</b>		-2.6%	-8.3%	1.7%	-4.5%	-7.4%	-1.4%	-2.9%	-1.3%	-2.2%	2.2%	-1.5%	-1.5%	-1.1%	-1.1%	-1.4%	-1.2%

Forecasts Developed October 2016  
 Green Cells (2016-17 and earlier) are historical data  
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**Carmel Middle School**

	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
6	394	389	379	367	392	479	425	425	424	382	398	410	421	418	413	411	407
7	410	387	398	398	368	469	481	429	429	428	384	400	412	423	420	415	413
8	397	424	390	406	399	390	464	486	433	433	430	386	402	414	425	422	417
<b>Total: 6-8</b>	<b>1201</b>	<b>1200</b>	<b>1167</b>	<b>1171</b>	<b>1159</b>	<b>1338</b>	<b>1370</b>	<b>1340</b>	<b>1286</b>	<b>1243</b>	<b>1212</b>	<b>1196</b>	<b>1235</b>	<b>1255</b>	<b>1258</b>	<b>1248</b>	<b>1237</b>
<b>Total: 6-8</b>	<b>1201</b>	<b>1200</b>	<b>1167</b>	<b>1171</b>	<b>1159</b>	<b>1338</b>	<b>1370</b>	<b>1340</b>	<b>1286</b>	<b>1243</b>	<b>1212</b>	<b>1196</b>	<b>1235</b>	<b>1255</b>	<b>1258</b>	<b>1248</b>	<b>1237</b>
<b>Change</b>		-1	-33	4	-12	179	32	-30	-54	-43	-31	-16	39	20	3	-10	-11
<b>% Change</b>		-0.1%	-2.8%	0.3%	-1.0%	15.4%	2.4%	-2.2%	-4.0%	-3.3%	-2.5%	-1.3%	3.3%	1.6%	0.2%	-0.8%	-0.9%

Forecasts Developed October 2016  
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**Creekside Middle School**

	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
6	501	454	504	525	543	418	404	475	487	469	482	461	482	473	466	463	456
7	467	498	459	517	515	428	419	400	470	482	467	480	459	480	471	464	461
8	433	451	496	468	524	494	431	415	396	465	480	465	478	457	478	469	462
<b>Total: 6-8</b>	<b>1401</b>	<b>1403</b>	<b>1459</b>	<b>1510</b>	<b>1582</b>	<b>1340</b>	<b>1254</b>	<b>1290</b>	<b>1353</b>	<b>1416</b>	<b>1429</b>	<b>1406</b>	<b>1419</b>	<b>1410</b>	<b>1415</b>	<b>1396</b>	<b>1379</b>
<b>Total: 6-8</b>	<b>1401</b>	<b>1403</b>	<b>1459</b>	<b>1510</b>	<b>1582</b>	<b>1340</b>	<b>1254</b>	<b>1290</b>	<b>1353</b>	<b>1416</b>	<b>1429</b>	<b>1406</b>	<b>1419</b>	<b>1410</b>	<b>1415</b>	<b>1396</b>	<b>1379</b>
<b>Change</b>		2	56	51	72	-242	-86	36	63	63	13	-23	13	-9	5	-19	-17
<b>% Change</b>		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.9%	4.9%	4.7%	0.9%	-1.6%	0.9%	-0.6%	0.4%	-1.3%	-1.2%

Forecasts Developed October 2016  
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**Clay Middle School**

	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
6	399	376	432	408	384	442	466	361	410	357	373	355	352	351	347	345	341
7	438	394	379	437	405	444	455	478	370	420	364	380	362	359	358	354	352
8	390	442	389	373	446	420	465	462	485	376	424	368	384	366	363	362	358
<b>Total: 6-8</b>	<b>1227</b>	<b>1212</b>	<b>1200</b>	<b>1218</b>	<b>1235</b>	<b>1306</b>	<b>1386</b>	<b>1301</b>	<b>1265</b>	<b>1153</b>	<b>1161</b>	<b>1103</b>	<b>1098</b>	<b>1076</b>	<b>1068</b>	<b>1061</b>	<b>1051</b>
<b>Total: 6-8</b>	<b>1227</b>	<b>1212</b>	<b>1200</b>	<b>1218</b>	<b>1235</b>	<b>1306</b>	<b>1386</b>	<b>1301</b>	<b>1265</b>	<b>1153</b>	<b>1161</b>	<b>1103</b>	<b>1098</b>	<b>1076</b>	<b>1068</b>	<b>1061</b>	<b>1051</b>
<b>Change</b>		-15	-12	18	17	71	80	-85	-36	-112	8	-58	-5	-22	-8	-7	-10
<b>% Change</b>		-1.2%	-1.0%	1.5%	1.4%	5.7%	6.1%	-6.1%	-2.8%	-8.9%	0.7%	-5.0%	-0.5%	-2.0%	-0.7%	-0.7%	-0.9%

Forecasts Developed October 2016  
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**Carmel 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	2026-27
9	1171	1139	1216	1217	1174	1289	1279	1333	1336	1288	1249	1307	1195	1239	1212	1241	1228
10	1176	1147	1143	1215	1223	1177	1297	1273	1326	1329	1282	1243	1300	1189	1233	1206	1235
11	1073	1148	1153	1159	1220	1210	1163	1291	1267	1319	1322	1276	1237	1294	1183	1227	1200
12	1046	1045	1195	1195	1213	1265	1245	1198	1330	1305	1359	1362	1314	1274	1333	1218	1264
<b>Total: 9-12</b>	<b>4466</b>	<b>4479</b>	<b>4707</b>	<b>4786</b>	<b>4830</b>	<b>4941</b>	<b>4984</b>	<b>5095</b>	<b>5259</b>	<b>5241</b>	<b>5212</b>	<b>5188</b>	<b>5046</b>	<b>4996</b>	<b>4961</b>	<b>4892</b>	<b>4927</b>
<b>Total: 9-12</b>	<b>4466</b>	<b>4479</b>	<b>4707</b>	<b>4786</b>	<b>4830</b>	<b>4941</b>	<b>4984</b>	<b>5095</b>	<b>5259</b>	<b>5241</b>	<b>5212</b>	<b>5188</b>	<b>5046</b>	<b>4996</b>	<b>4961</b>	<b>4892</b>	<b>4927</b>
<b>Change</b>		13	228	79	44	111	43	111	164	-18	-29	-24	-142	-50	-35	-69	35
<b>% Change</b>		0.3%	5.1%	1.7%	0.9%	2.3%	0.9%	2.2%	3.2%	-0.3%	-0.6%	-0.5%	-2.7%	-1.0%	-0.7%	-1.4%	0.7%

Forecasts Developed October 2016  
 Green Cells (2016-17 and earlier) are historical data  
 Blue Cells (2017-18 and later) are forecasted years