Carlisle Area School District, PA

Demographic Study Findings

October 2015

Who We Are

Who We Are

Cropper GIS Consulting, LLC

K-12 school planning is our business and our passion. Our specialty is redistricting, demographics and boundary studies.

Cropper GIS works with K-12 school districts to:

- develop redistricting plans,
- develop demographic studies,
- facilitate community engagement,
- prepare long-range facility master plans,
- author site feasibility studies,
- conduct & publish housing impact and yield factor studies, and
- provide GIS implementation & training.

Cropper GIS is an ESRI Authorized Business Partner

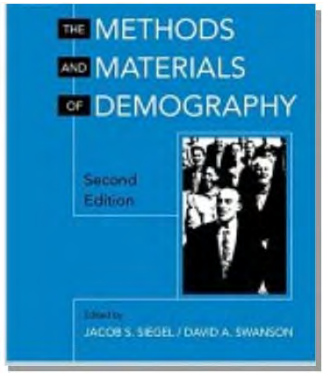
Principal & Project Manager

Who We Are

Matthew Cropper, GISP, Cropper GIS

- 15+ years experience providing consulting servicesto school districts and other clients.
- Manages and Facilitates rezoning/planning projects across the U.S.
- One of the only certified GIS Professionals (GISP) in the educational planning industry.
- Trained school district personnel across the U.S. how to use & apply GIS.
- Published numerous papers regarding boundary planning and master planning.

Jerome McKibben, PhD



Experience

- PhD in Demography, Bowling Green University
- Taught demography, statistics, sociology within US & Europe
- Served as a State Demographer of Indiana for 6 years
- Fulbright Scholar Award Recipient, Germany 2002
- Testified before state legislatures, courts, and the US Congress regarding census and population issues

Notable Publications

"School District Planning Needs and the 2010 Census". *In Journal of Economic and Social Measurement*, Vol. 33, No. 2, May 2007

"The Impact of Policy Changes on Forecasting for School Districts". *Population Research and Policy* Review. Vol. 15, No.5, December 1996, P. 527-536

"Race and Ethnicity." *In Methods and Materials of Demography, Second Edition*. Edited by Jacob Siegel and David Swanson. Academic Press, Boston, March 2004

"Population Distribution - Classification of Residence." *In Methods and Materials of Demography, Second Edition.* Edited Jacob Siegel and David Swanson. Co-authored with Kimberly Faust. Academic Press, Boston, March 2004

Who We Are

Recent Planning Projects:

- Reading School District, PA
- Baltimore County Public Schools, MD
- Frederick County Public Schools, MD
- Henrico County Public Schools, VA
- Richmond Public Schools, VA
- Billings Public Schools, MT
- Morton School District 509, IL
- Schenectady City Schools, NY
- Charleston County Schools, SC
- DeKalb District 428, IL
- U.S. Department of Justice, Civil Rights Div.
- Akron Public Schools, OH

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McKibben Demographics

Why We're Here

Project Objectives

Why We're Here

Cropper GIS Consulting was hired by the Carlisle Area School District to facilitate and manage the project. Our firm is tasked to:

A. ***Develop*** population forecasts by school attendance area by grade for the next 10 years (i.e. 2015-16 through 2024-25).

B. ***Develop*** enrollment forecasts for 2015-2016 to 2024-25 inclusive, by grade level for each elementary, middle school and high school attendance area.

C. Study the impact of the Army War College on Carlisle Area School district enrollment.

D. ***Analyze*** current and future demographic dynamics of the district and attendance areas.

E. ***Develop*** a written report that summarizes demographic study findings.

Demographic Study
&
Enrollment Forecasts

Data Collected from multiple sources including:

- School District– Official enrollment counts by school by grade, along with enrollment databases by address

- County and Township Offices – Local area maps data on housing activity.

- Internal Revenue Service (IRS) – In/Out Migration data.

- U.S. Census Bureau – 2010 Population/Housing data

- U.S. Army War College– Population/Housing data

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Live Attend Analysis

Live Attend Analysis

Live Attend Matrices

Where 2014-15 K-5th Students Live

Where 2014-15 K-5th Students Attend

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

Live Attend Analysis

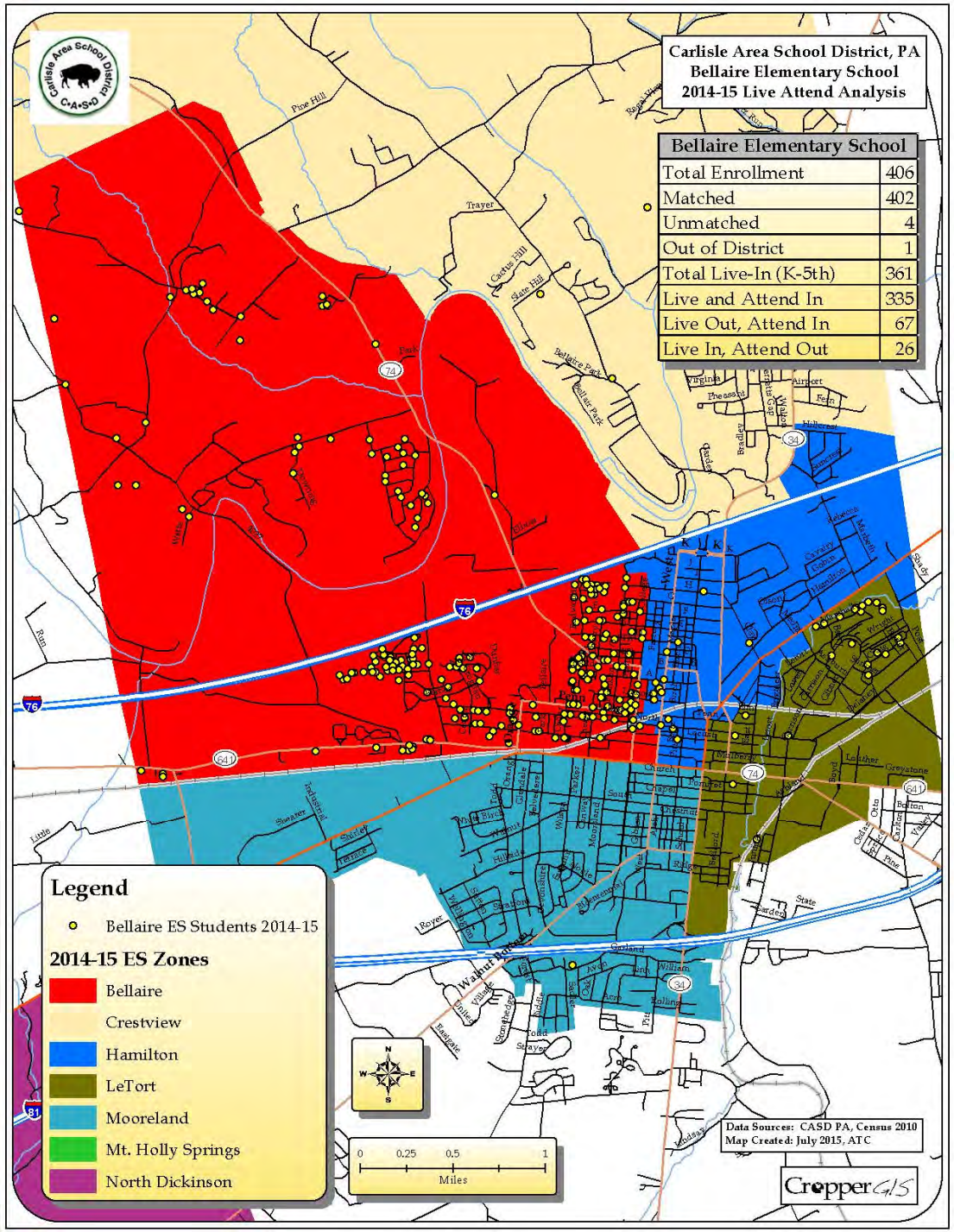
6-8th Grades Live Attend Table

Where 2014-15 6-8th Students Live

Where 2014-15 6-8th Students Attend

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

Live-Attend Analysis



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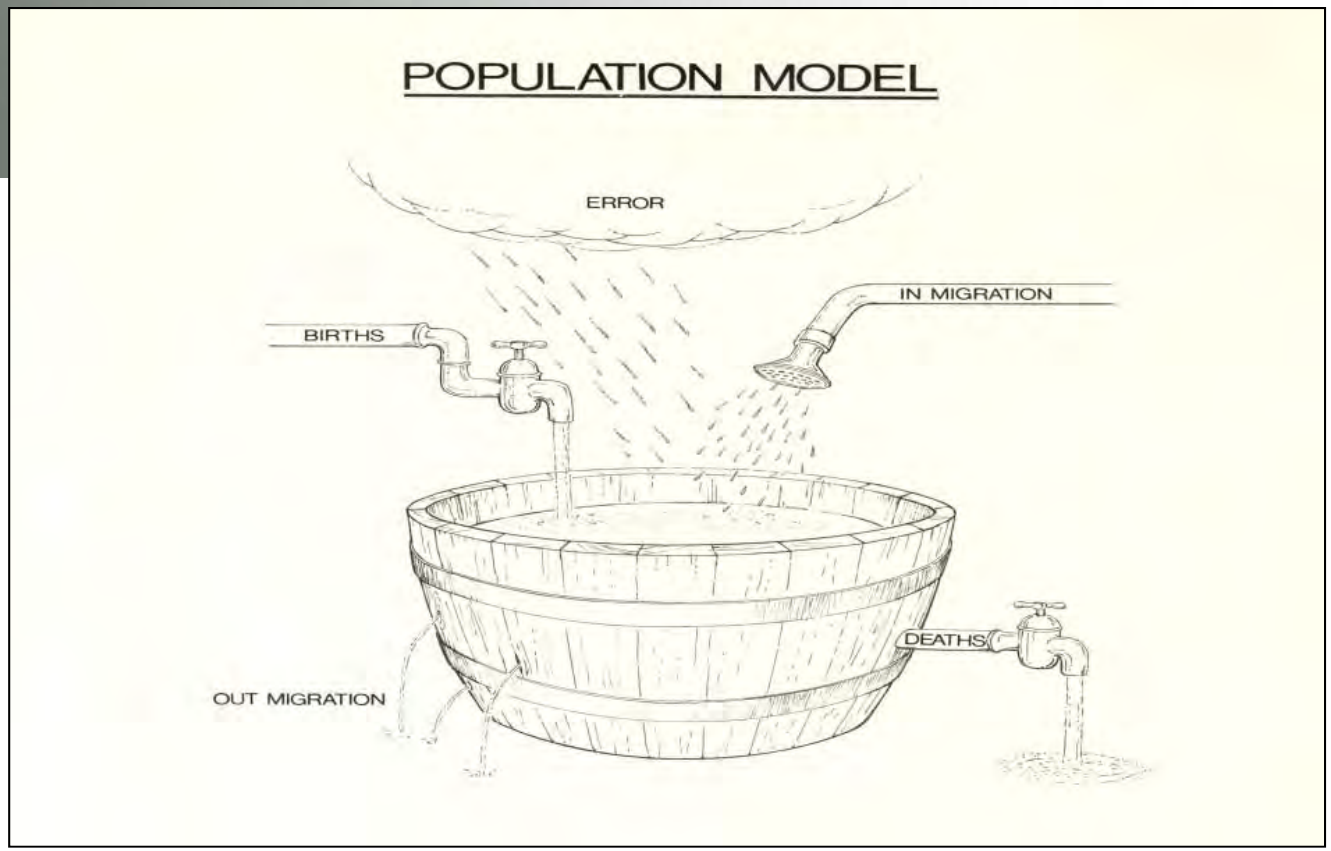
Forecast Methodology

"In order to understand what will happen with enrollment, you first must understand what will happen to the entire population"

Methodology



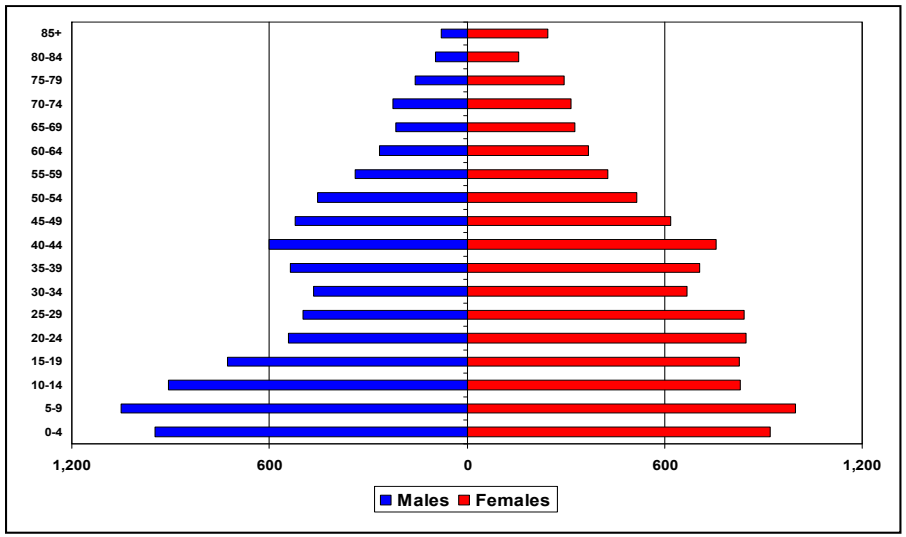
Three Main Steps:

1. Identify pertinent census blocks to collect necessary SF1, SF3 and SF4 detailed Census demographic information
2. Calculate a total population forecast for geographic study area with the Cohort-Component Method
3. Calculate enrollment forecast using modified average survivorship methods

Methodology, continued

Factors Considered in Forecasts Include

1. Number of women in child bearing age
2. Change in area mortality rates
3. Magnitude & prevalence of out migration patterns by age
4. Magnitude & prevalence of in migration patterns
5. Considerations determined by local neighborhood factors



Demographic Study

The population forecasts in the demographic study are developed by using the Cohort-Component Method of population forecasting. Five data sets are required to generate population and enrollment forecasts. These five data sets are:

- A base-year population (here, the 2010 Census population for the CASD Schools and all of its geographical areas i.e. School Attendance Areas);
- A set of age-specific fertility rates for each small area to be used over the forecast period;
- A set of age-specific survival (mortality) rates for each small area;
- A set of age-specific migration rates for each small area;
- Historical enrollment figures by grade for all facilities to be projected.
- Historical enrollment databases were used to calculate student populations by small area regardless of where they attend.

Forecast Assumptions

A. There will be no short term economic recovery in the next 18 months and the national, state or regional economy does not go into deep recession at anytime during the 10 years of the forecasts; (Deep recession is defined as four consecutive quarters where the GDP contracts greater than 1% per quarter)

B. Interest rates have reached an historic low and will not fluctuate more than one percentage point in the short term; the interest rate for a 30 year fixed home mortgage stays below 5.0%;

C. The rate of mortgage approval stays at 1999-2003 levels and lenders do not return to "sub-prime" mortgage practices;

D. There are no additional restrictions placed on home mortgage lenders or additional bankruptcies of major credit providers;

E. The rate of housing foreclosures does not exceed 125% of the 2005-2007 average of Cumberland County for any year in the forecasts;

Forecast Assumptions

F. All currently planned, platted, and approved housing developments are built out and completed by 2023. All housing units constructed are occupied by 2024.

G. The unemployment rates for the Cumberland County will remain below 6% for the 10 years of the forecasts

H. The rate of students transferring into and out of the Carlisle Area School District will remain at the 2010-11 to 2014-15 average

I. The inflation rate for gasoline will stay below 5% per year for the 10 years of the forecasts

J. There will be no building moratorium within the district .

K. Businesses within the district and the Cumberland County area will remain viable

Forecast Assumptions

L. The number of existing home sales in the district that are a result of "distress sales" (homes worth less than the current mortgage value) will not exceed 20% of total homes sales in the district for any given year;

M. Housing turnover rates (sale of existing homes in the district) will remain at their current levels. The majority of existing home sales are made by home owners over the age of 55;

N. Private school and home school attendance rates will remain constant;

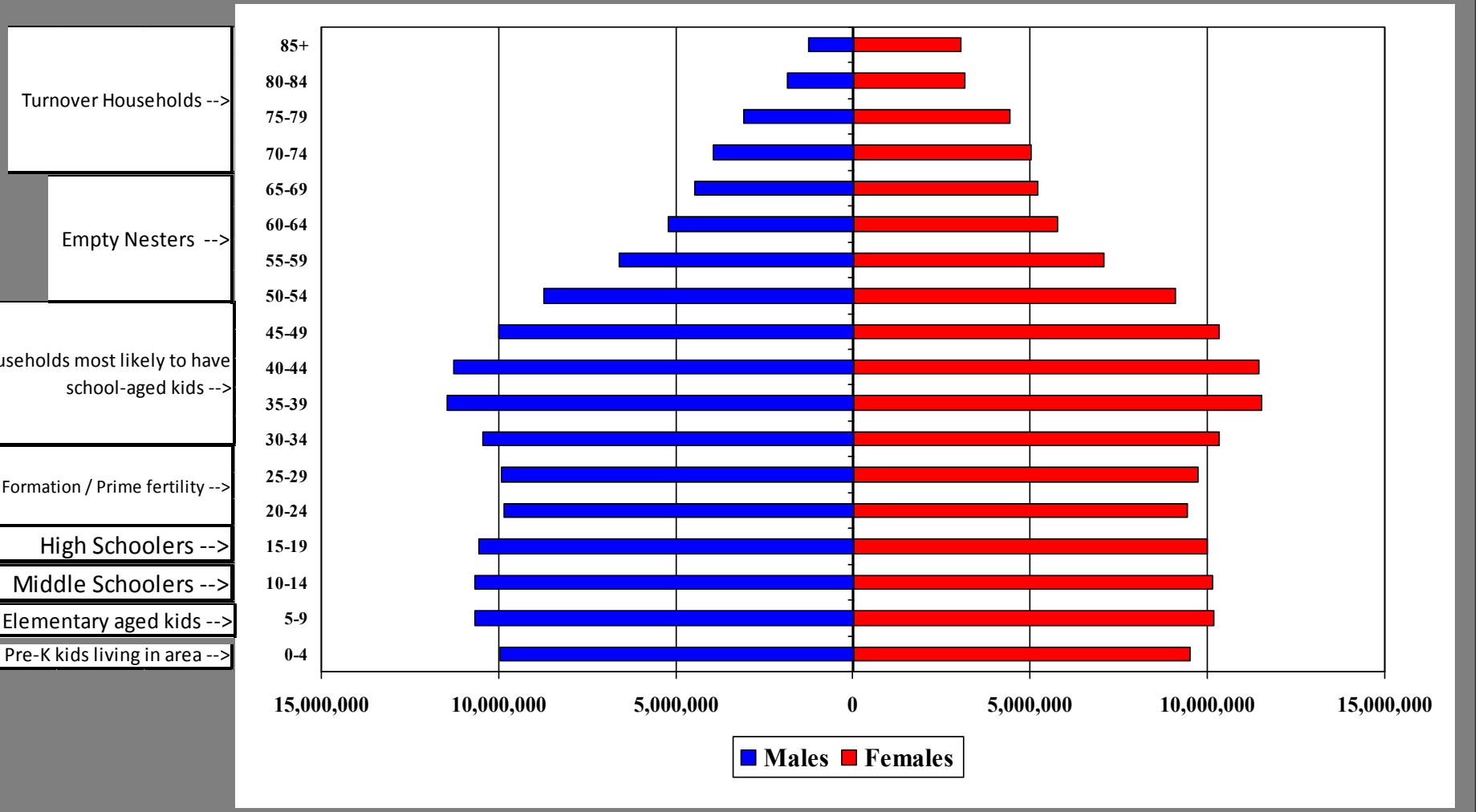
O. The recent decline in new home construction has ended and building rates have stabilized;

P. The rate of foreclosures for commercial property remains at the 2004-2008 average for Cumberland County;

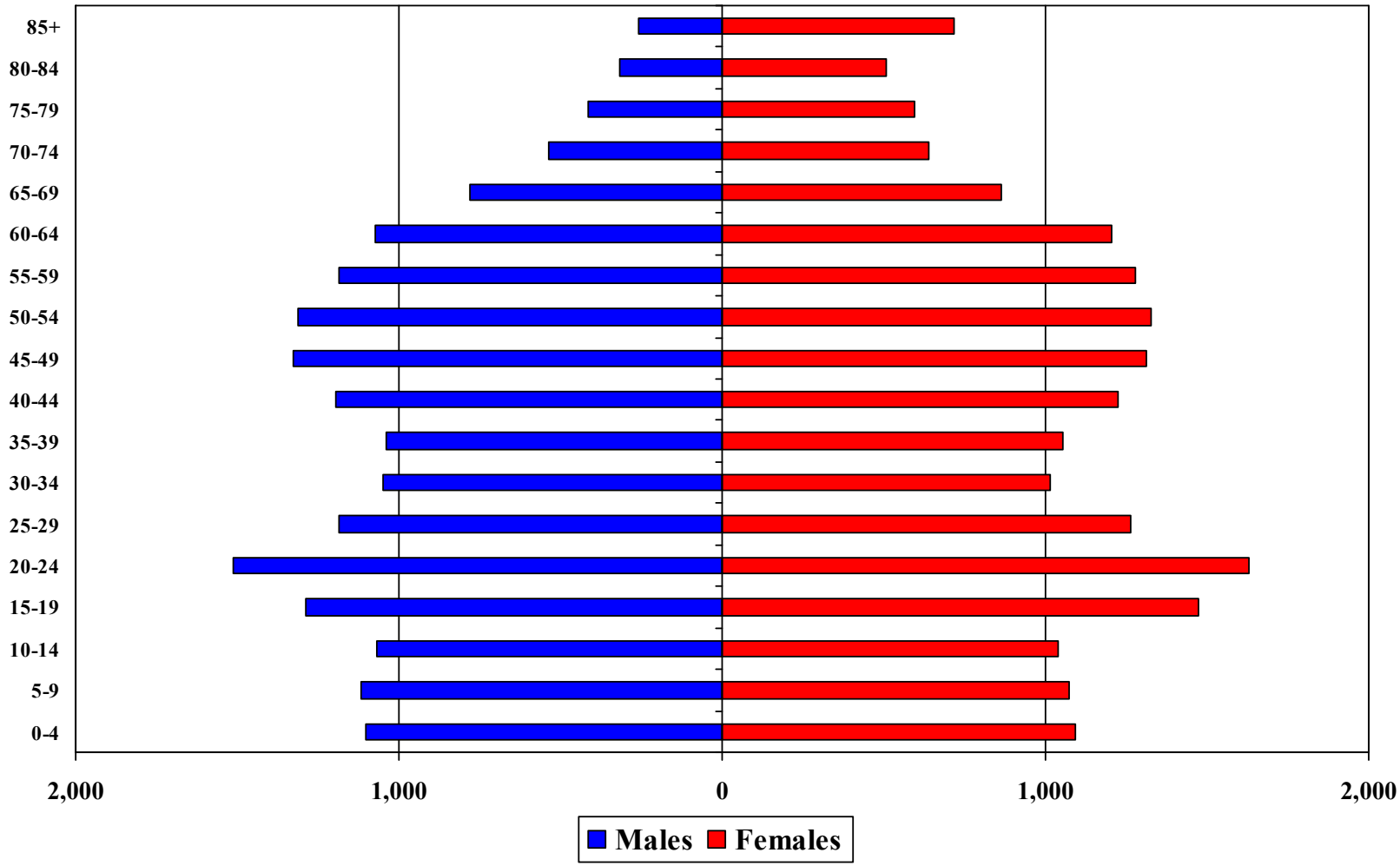
Population Pyramids

Proof is in the pyramid – Population Pyramids

- Pop pyramids are graphic representations showing age-sex distribution of a geographic area.
- Demographic fingerprint.
- Can be placed into broad typologies, but no 2 areas have the same exact characteristics.



Carlisle Area School District, PA – Total Population, Census 2010



Population Forecast Results

What We've Found: Population

Carlisle Area School District

Males	2010	2015	2020	2025
0-4	1,102	1,150	1,100	1,030
5-9	1,119	1,110	1,140	1,110
10-14	1,066	1,120	1,120	1,160
15-19	1,289	1,340	1,390	1,410
20-24	1,514	1,530	1,590	1,620
25-29	1,183	1,240	1,240	1,300
30-34	1,050	1,160	1,190	1,200
35-39	1,038	1,060	1,170	1,220
40-44	1,196	1,040	1,070	1,180
45-49	1,326	1,180	1,030	1,050
50-54	1,310	1,310	1,160	1,000
55-59	1,186	1,280	1,270	1,120
60-64	1,075	1,140	1,210	1,220
65-69	781	940	1,010	1,110
70-74	537	670	830	880
75-79	417	440	530	680
80-84	317	320	340	440
85+	260	300	330	330
Total	17,766	18,330	18,720	19,060

Females	2010	2015	2020	2025
0-4	1,092	1,100	1,060	1,020
5-9	1,075	1,110	1,110	1,060
10-14	1,040	1,090	1,110	1,110
15-19	1,473	1,430	1,460	1,500
20-24	1,627	1,610	1,560	1,590
25-29	1,263	1,330	1,310	1,250
30-34	1,016	1,230	1,300	1,280
35-39	1,054	1,020	1,270	1,330
40-44	1,222	1,070	1,030	1,270
45-49	1,312	1,220	1,060	1,030
50-54	1,329	1,300	1,200	1,050
55-59	1,280	1,300	1,270	1,180
60-64	1,205	1,250	1,280	1,250
65-69	865	1,100	1,140	1,180
70-74	639	790	1,010	1,070
75-79	593	550	690	920
80-84	507	510	490	610
85+	716	780	830	850
Total	19,308	19,790	20,180	20,550

Total	2010	2015	2020	2025
0-4	2,194	2,250	2,160	2,050
5-9	2,194	2,220	2,250	2,170
10-14	2,106	2,210	2,230	2,270
15-19	2,762	2,770	2,850	2,910
20-24	3,141	3,140	3,150	3,210
25-29	2,446	2,570	2,550	2,550
30-34	2,066	2,390	2,490	2,480
35-39	2,092	2,080	2,440	2,550
40-44	2,418	2,110	2,100	2,450
45-49	2,638	2,400	2,090	2,080
50-54	2,639	2,610	2,360	2,050
55-59	2,466	2,580	2,540	2,300
60-64	2,280	2,390	2,490	2,470
65-69	1,646	2,040	2,150	2,290
70-74	1,176	1,460	1,840	1,950
75-79	1,010	990	1,220	1,600
80-84	824	830	830	1,050
85+	976	1,080	1,160	1,180
Total	37,074	38,120	38,900	39,610
Median Age	38.9	38.6	38.6	39.2

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

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

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What We've Found: Population

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

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

Table 2: Household Characteristics by Elementary Area, 2010 Census

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

What We've Found: Population

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
Bellaire	34.90%	24.20%	68.60%
Crestview	40.20%	22.40%	79.20%
Hamilton	33.60%	23.30%	45.00%
Le Tort	44.00%	13.60%	32.10%
Mooreland	28.80%	31.20%	57.80%
Mt. Holly Springs	40.20%	22.50%	74.90%
North Dickinson	44.60%	21.30%	90.80%
Total	37.00%	23.40%	63.40%

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

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

What We've Found: Population

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

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

What We've Found: Population

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

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

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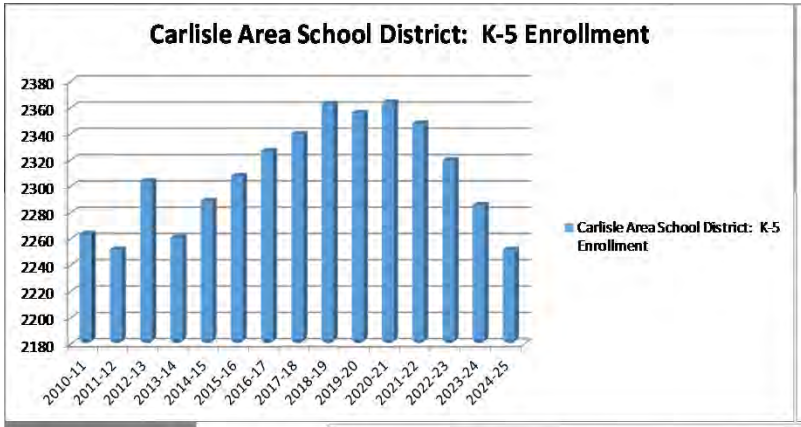
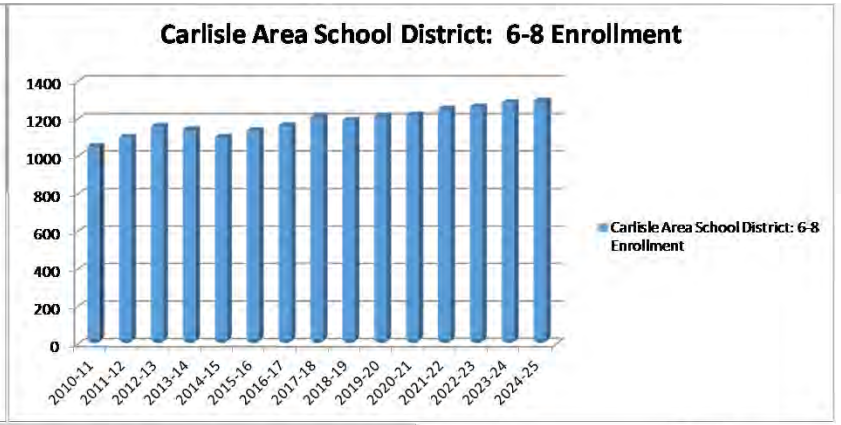
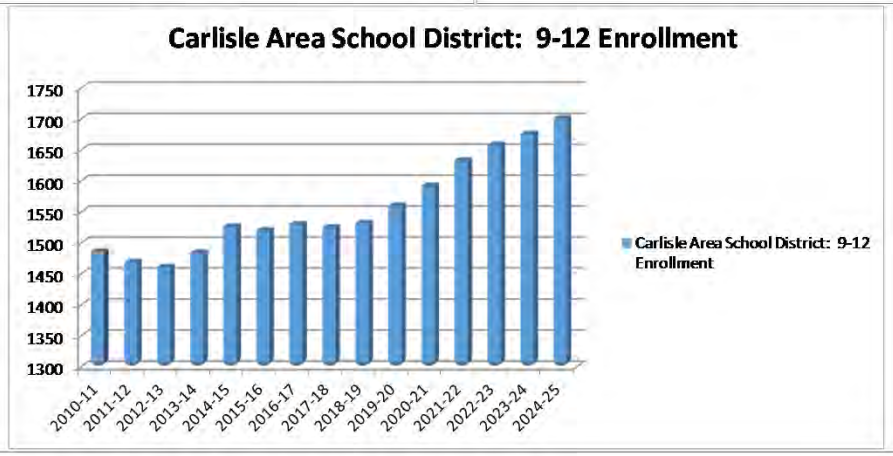
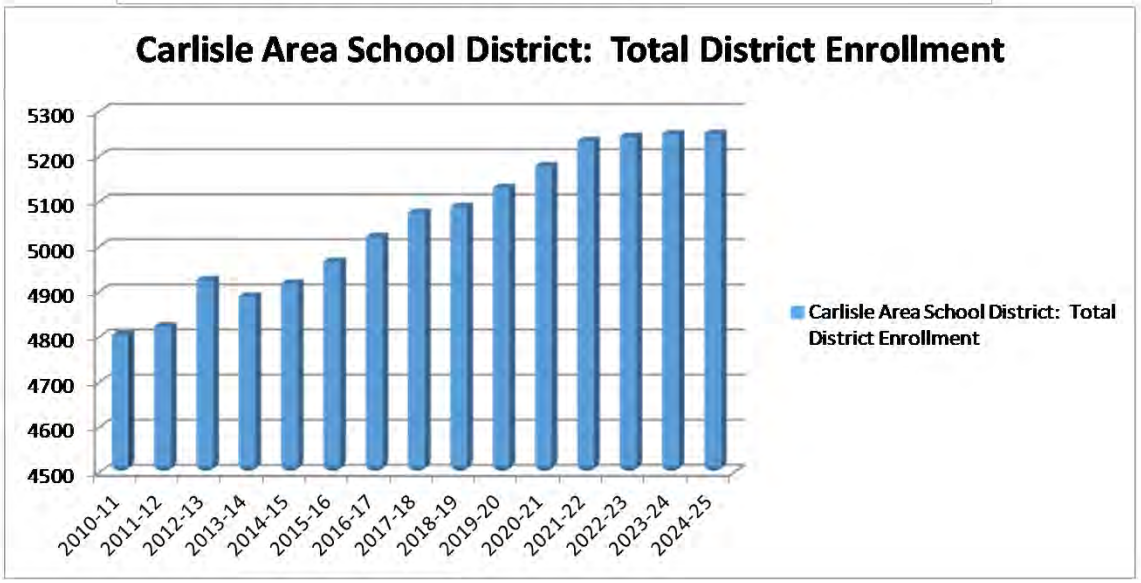
Enrollment Forecast Results









- K-5 grade enrollment peaks at 2020-21, then ends at 37 less than 2014-15 at the end of the forecast.
- 6-8 grade enrollment is stable up through 2018-19, then increases through the end of the forecast.
- 9-12 grade enrollment increases through the life of the forecast, ending up 175 students from 2014-15 to 2024-25.
- Total enrollment will increase up to until 2021-22, then increases are slight through 2024-25. Enrollment will end at 5,251 students at the end of the forecast, which is 332 higher than 2014-15.

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Enrollment Forecasts

Carlisle Area School District: Total District Enrollment

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

Forecasts Developed August 2015

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

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

Cropper GIS

McKibben Demographics

Summary of Findings

Summary of Findings

- The total fertility rate for the Carlisle Area School District over the life of the forecasts is above replacement level. (1.82 versus replacement level of 2.1)

- Most in-migration to the district continues to occur in the 0-to-4 and 25-to-34 year old age groups.

- 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 service area's out migration flow.

- The primary factor causing the district's enrollment to increase is the sustained level of in-migration of young households/families and a moderation in the number of households that are "empty nest".

- Changes in year-to-year enrollment will primarily be due to larger cohorts entering and moving through the school system in conjunction with smaller cohorts leaving the system.

Cropper GIS

McKibben Demographics

Summary of Findings

- The elementary enrollment will begin a slight decline after 2019.

- The median age of the population will increase from 38.9 in 2010 to 39.2 in 2025.

- The primary cause in the rise of the high school enrollment after 2019 is due to the wave of relatively large grade cohorts currently in the elementary and middle school grades.

- Even if the district continues to have a modest level of annual new housing unit construction, the rate, magnitude and price of existing home sales will become the increasingly dominant factor affecting the amount of population and enrollment change.

- Total district enrollment is forecasted to increase by 212 students, or 4.3%, between 2014-15 and 2019-20. Total enrollment will grow by 120 students, or 2.3%, from 2019-20 to 2024-25.

Questions?

Population and Enrollment forecasts by school available if requested

Forecast Evaluation

Carlisle Area School District Comparison of 2015 ADM Enrollment With 2014 forecasts				
School	2015 ADM Enrollment	2014 Forecast of 2015 Enrollment	Difference	Percent Difference
BELLAIRE	438	389	-49	-11.2%
CRESTVIEW	464	527	63	13.6%
HAMILTON	388	365	-23	-5.9%
LETORT	277	291	14	5.1%
MOORELAND	311	318	7	2.3%
MT. HOLLY	226	220	-6	-2.7%
N. DICKINSON	185	175	-10	-5.4%
ELEMENTARY TOTAL	**2289**	**2285**	**-4**	**-0.2%**
LAMBERTON	554	565	11	2.0%
WILSON	566	552	-14	-2.5%
MIDDLE SCHOOL TOTAL	**1120**	**1117**	**-3**	**-0.3%**
CARLISLE HIGH SCHOOL	**1516**	**1467**	**-49**	**-3.2%**
TOTAL	**4925**	**4869**	**-56**	**-1.1%**

Source: Comparison of 2014 Cropper Enrollment forecast for 2015 to Fall 2015 CASD ADM Counts.

School Level Enrollment Forecast Results

Enrollment Forecasts

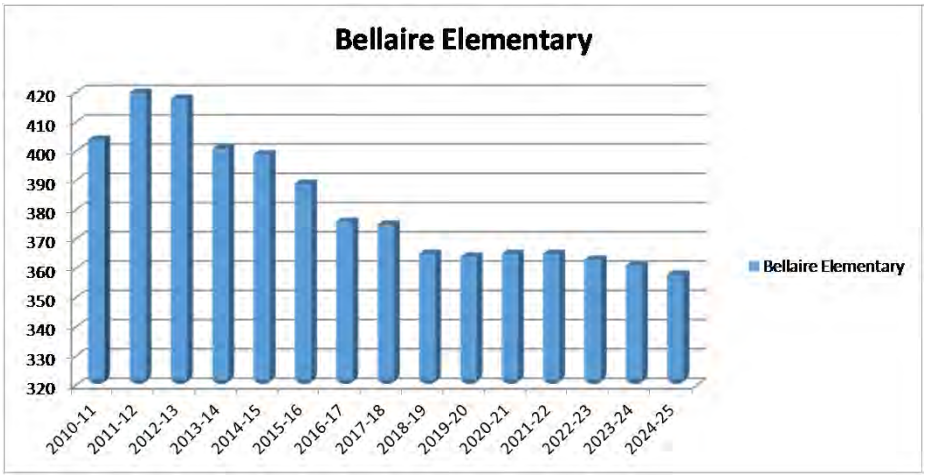
Bellaire Elementary

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

Forecasts Developed August 2015

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

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



Enrollment Forecasts

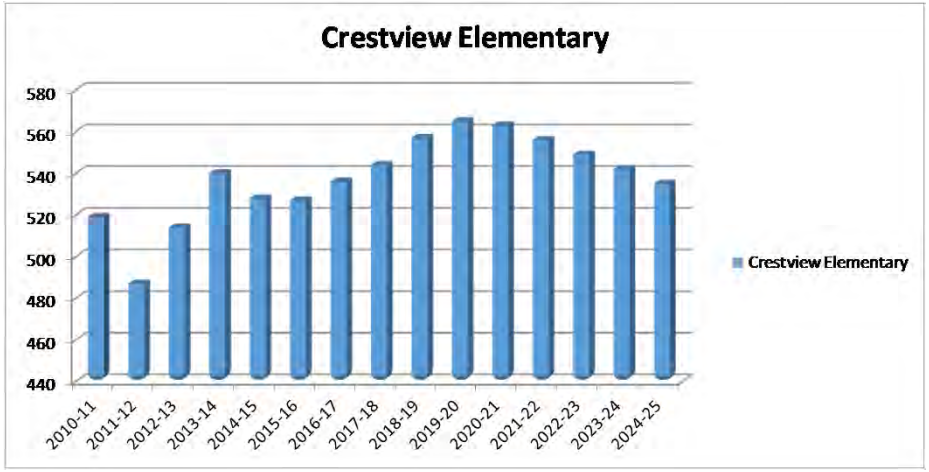
Crestview Elementary

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

Forecasts Developed August 2015

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

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



Enrollment Forecasts

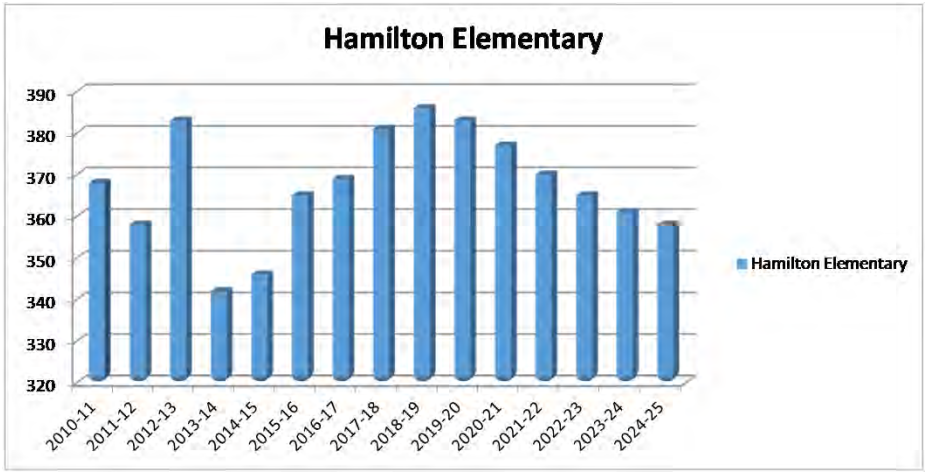
Hamilton Elementary

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

Forecasts Developed August 2015

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

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



Enrollment Forecasts

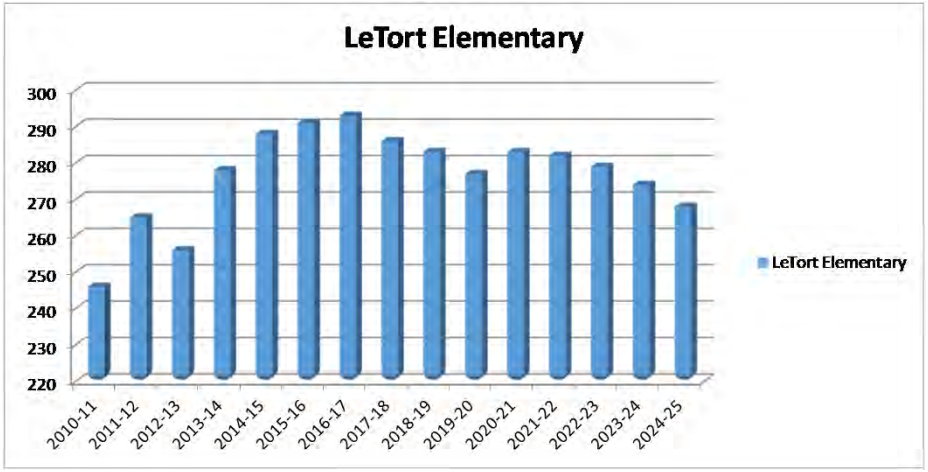
LeTort Elementary

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

Forecasts Developed August 2015

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

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



Enrollment Forecasts

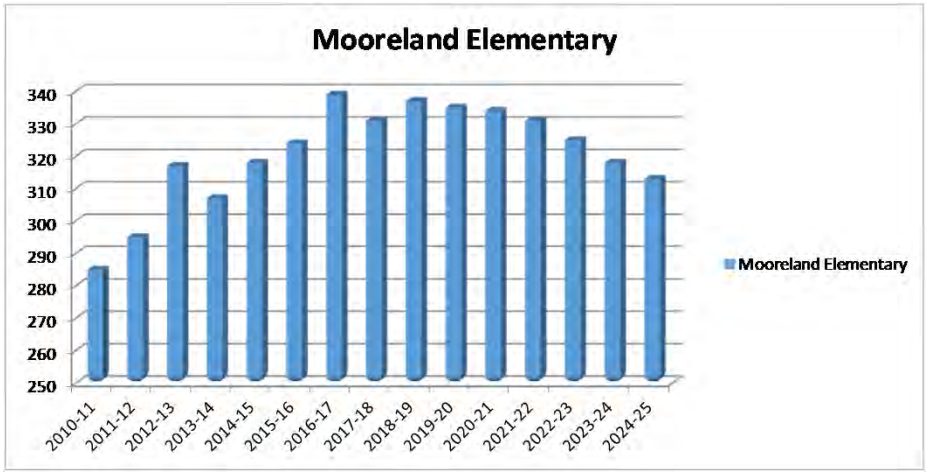
Mooreland Elementary

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

Forecasts Developed August 2015

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

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



Enrollment Forecasts

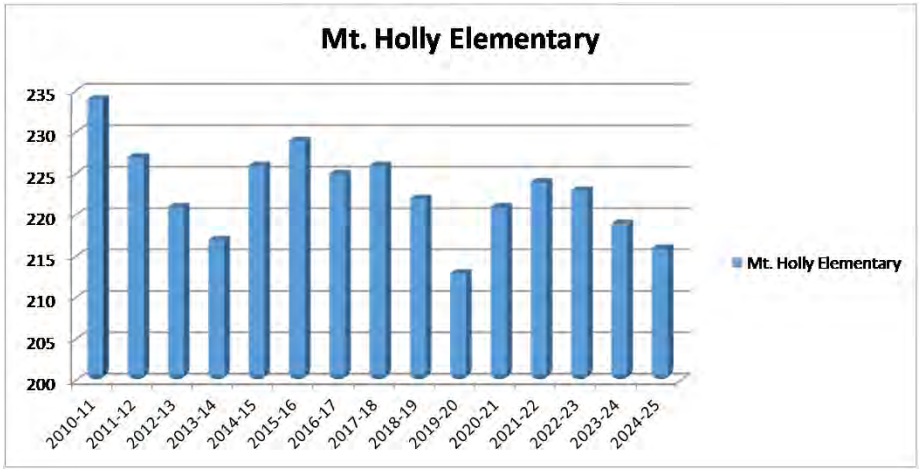
Mt. Holly Elementary

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

Forecasts Developed August 2015

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

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



Enrollment Forecasts

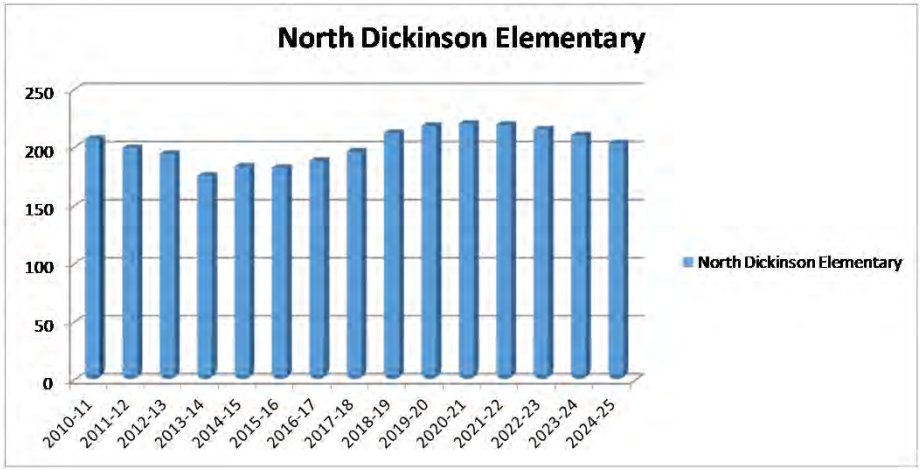
North Dickinson Elementary

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

Forecasts Developed August 2015

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

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



CropperGIS

McKibbenDemographics

Enrollment Forecasts

Lamberton Middle School

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

Forecasts Developed August 2015

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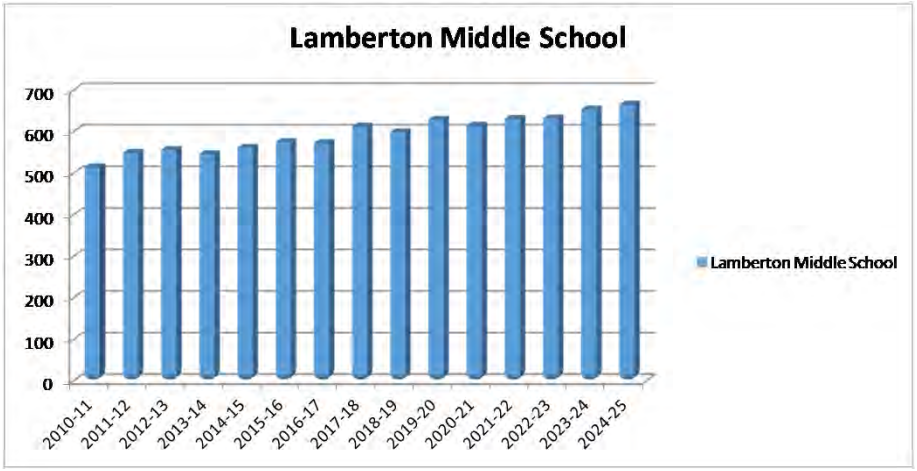

Enrollment Forecasts

Wilson Middle School

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

Forecasts Developed August 2015

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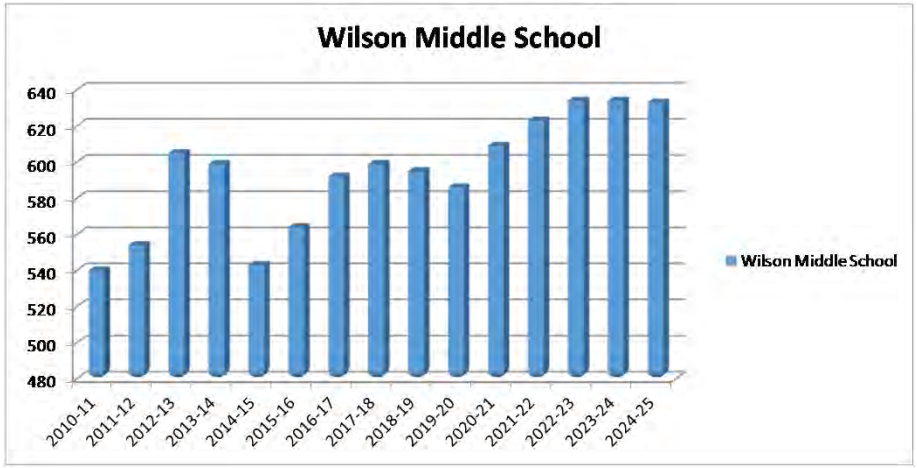
Blue cells (2015-16 and later) are forecasted years



Enrollment Forecasts

Carlisle High School

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

Forecasts Developed August 2015

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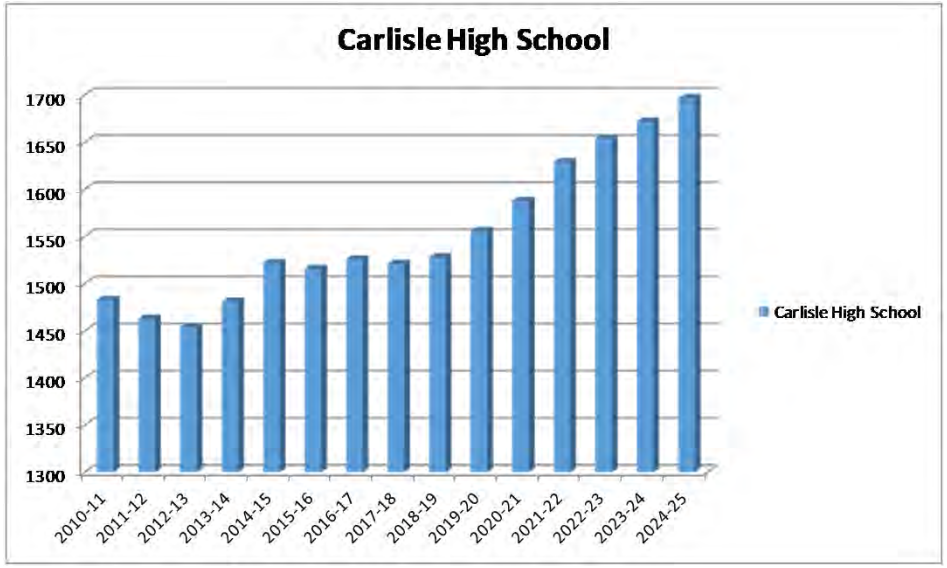
Blue cells (2015-16 and later) are forecasted years



School Level Population Forecast Results

Population Forecasts

Bellaire Elementary

Males	2010	2015	2020	2025
0-4	166	170	160	160
5-9	170	160	160	150
10-14	123	160	150	150
15-19	302	320	360	350
20-24	423	400	420	460
25-29	191	220	200	220
30-34	164	170	200	180
35-39	138	140	160	190
40-44	164	140	140	160
45-49	158	160	140	140
50-54	180	160	160	130
55-59	165	170	150	150
60-64	152	160	170	140
65-69	108	140	150	160
70-74	93	100	130	130
75-79	53	80	80	110
80-84	55	40	60	60
85+	22	40	40	50
Total	2,828	2,930	3,030	3,090

Females	2010	2015	2020	2025
0-4	183	160	150	150
5-9	158	170	150	140
10-14	142	150	160	140
15-19	371	340	350	360
20-24	428	470	440	450
25-29	201	230	270	240
30-34	158	180	210	250
35-39	148	140	170	200
40-44	162	150	140	170
45-49	190	160	150	140
50-54	163	190	160	150
55-59	181	160	180	160
60-64	187	180	160	180
65-69	139	180	170	150
70-74	89	130	170	160
75-79	91	80	120	160
80-84	75	80	70	100
85+	51	80	100	100
Total	3,115	3,230	3,320	3,400

Total	2010	2015	2020	2025
0-4	349	330	310	310
5-9	328	330	310	290
10-14	265	310	310	290
15-19	673	660	710	710
20-24	851	870	860	910
25-29	392	450	470	460
30-34	322	350	410	430
35-39	286	280	330	390
40-44	326	290	280	330
45-49	348	320	290	280
50-54	343	350	320	280
55-59	346	330	330	310
60-64	339	340	330	320
65-69	248	320	320	310
70-74	181	230	300	290
75-79	143	160	200	270
80-84	130	120	130	160
85+	73	120	140	150
Total	5,943	6,160	6,350	6,490
Median Age	31.8	31.9	32.5	33.2

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

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

Crestview Elementary

Males	2010	2015	2020	2025
0-4	222	230	220	200
5-9	271	260	270	260
10-14	241	270	260	270
15-19	217	200	230	220
20-24	187	180	170	200
25-29	207	220	220	200
30-34	229	230	240	240
35-39	264	250	250	260
40-44	255	260	250	250
45-49	280	250	260	240
50-54	284	280	250	250
55-59	275	280	270	240
60-64	238	260	260	260
65-69	179	210	230	240
70-74	118	150	180	200
75-79	81	90	110	140
80-84	55	60	70	90
85+	34	50	60	60
Total	3,637	3,730	3,800	3,820

Females	2010	2015	2020	2025
0-4	212	230	220	200
5-9	228	250	260	250
10-14	221	230	250	260
15-19	183	190	190	210
20-24	191	150	150	160
25-29	223	230	180	180
30-34	198	250	250	200
35-39	250	220	270	270
40-44	261	250	220	270
45-49	313	260	250	220
50-54	297	310	260	250
55-59	284	290	310	250
60-64	266	280	280	300
65-69	203	240	250	260
70-74	134	180	220	230
75-79	103	110	150	190
80-84	74	90	90	130
85+	51	80	100	120
Total	3,693	3,840	3,900	3,950

Total	2010	2015	2020	2025
0-4	435	460	440	400
5-9	499	510	530	510
10-14	463	500	510	530
15-19	400	390	420	430
20-24	378	330	320	360
25-29	430	450	400	380
30-34	427	480	490	440
35-39	514	470	520	530
40-44	516	510	470	520
45-49	593	510	510	460
50-54	581	590	510	500
55-59	559	570	580	490
60-64	504	540	540	560
65-69	382	450	480	500
70-74	252	330	400	430
75-79	183	200	260	330
80-84	129	150	160	220
85+	85	130	160	180
Total	7,329	7,570	7,700	7,770
Median Age	41.2	41.9	42.3	42.9

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

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

Population Forecasts

Hamilton Elementary

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

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

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

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

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

LeTort Elementary

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

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

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

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

Population Forecasts

Mooreland Elementary

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

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

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

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

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

Mt. Holly Springs Elementary

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

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

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

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

Population Forecasts

North Dickinson Elementary

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

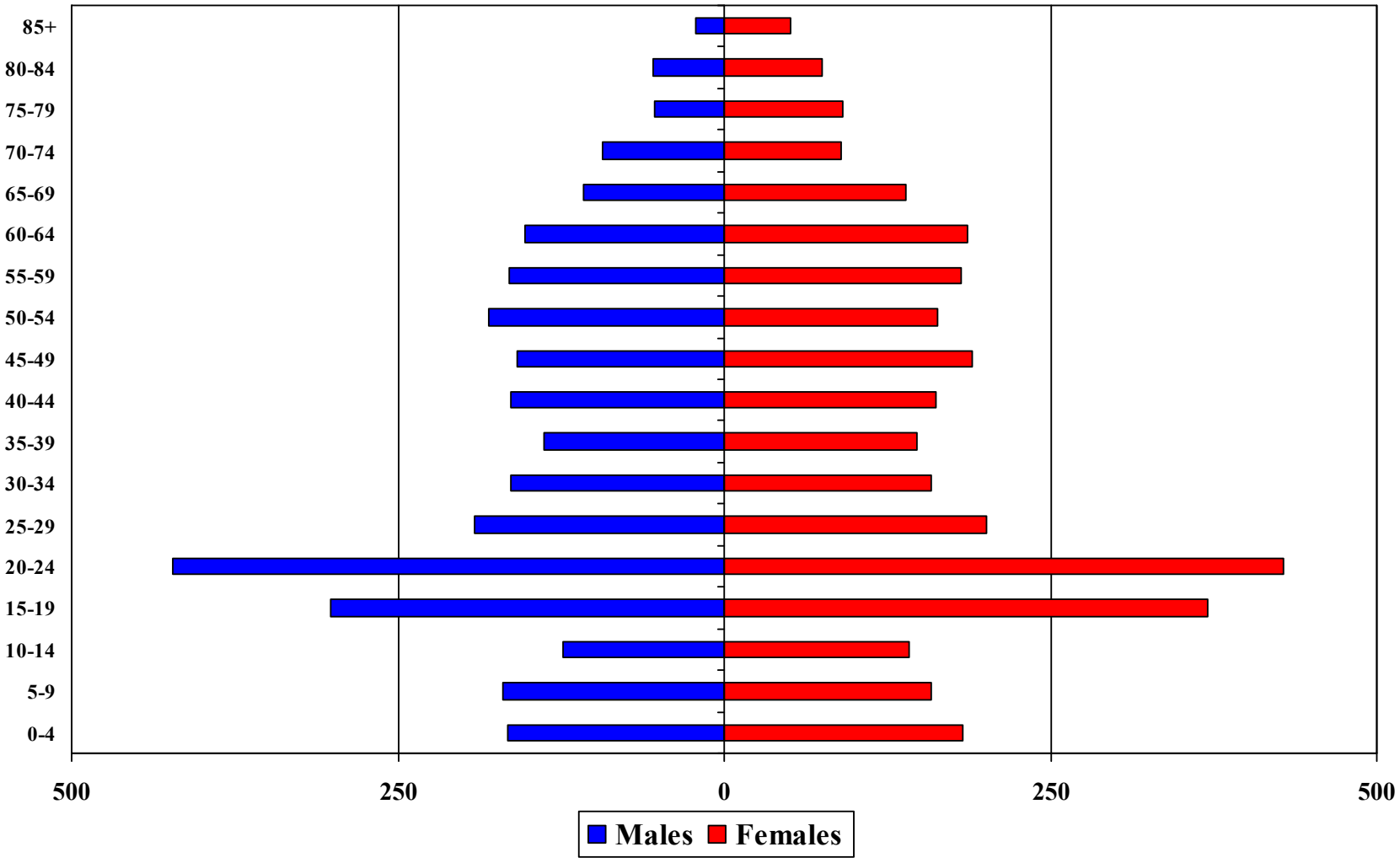
Females	2010	2015	2020	2025
0-4	98	90	90	90
5-9	107	110	120	110
10-14	138	120	120	130
15-19	119	130	100	110
20-24	67	90	100	70
25-29	53	80	110	120
30-34	81	70	110	130
35-39	90	100	90	130
40-44	167	110	120	110
45-49	158	170	110	120
50-54	196	160	160	110
55-59	176	190	150	160
60-64	155	170	190	150
65-69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

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

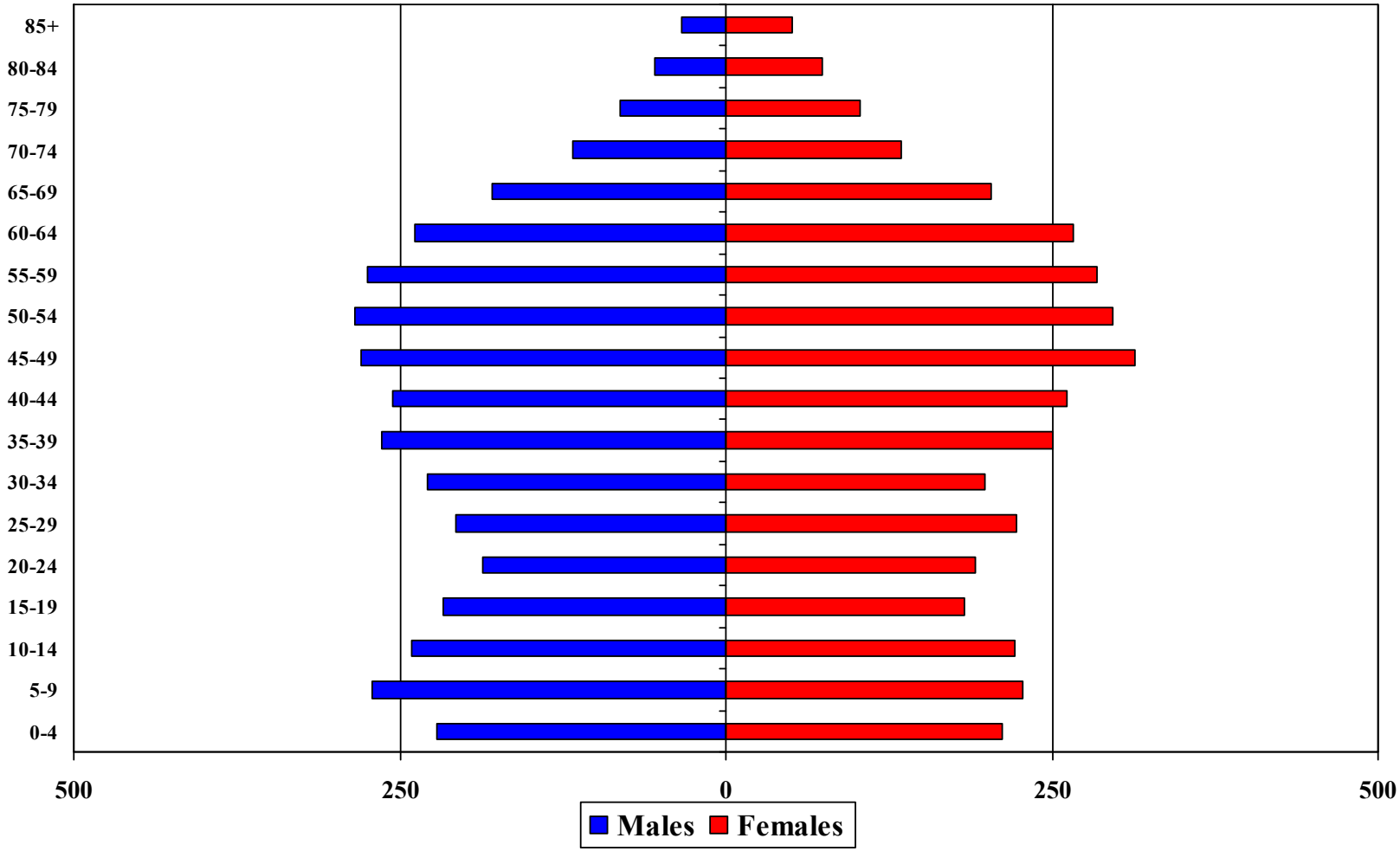
	2010 to 2015	2015 to 2020	2020 to 2025
Births	160	170	170
Deaths	130	160	180
Natural Increase	30	10	-10
Net Migration	90	110	100
Change	120	120	90

School Level Population Pyramids

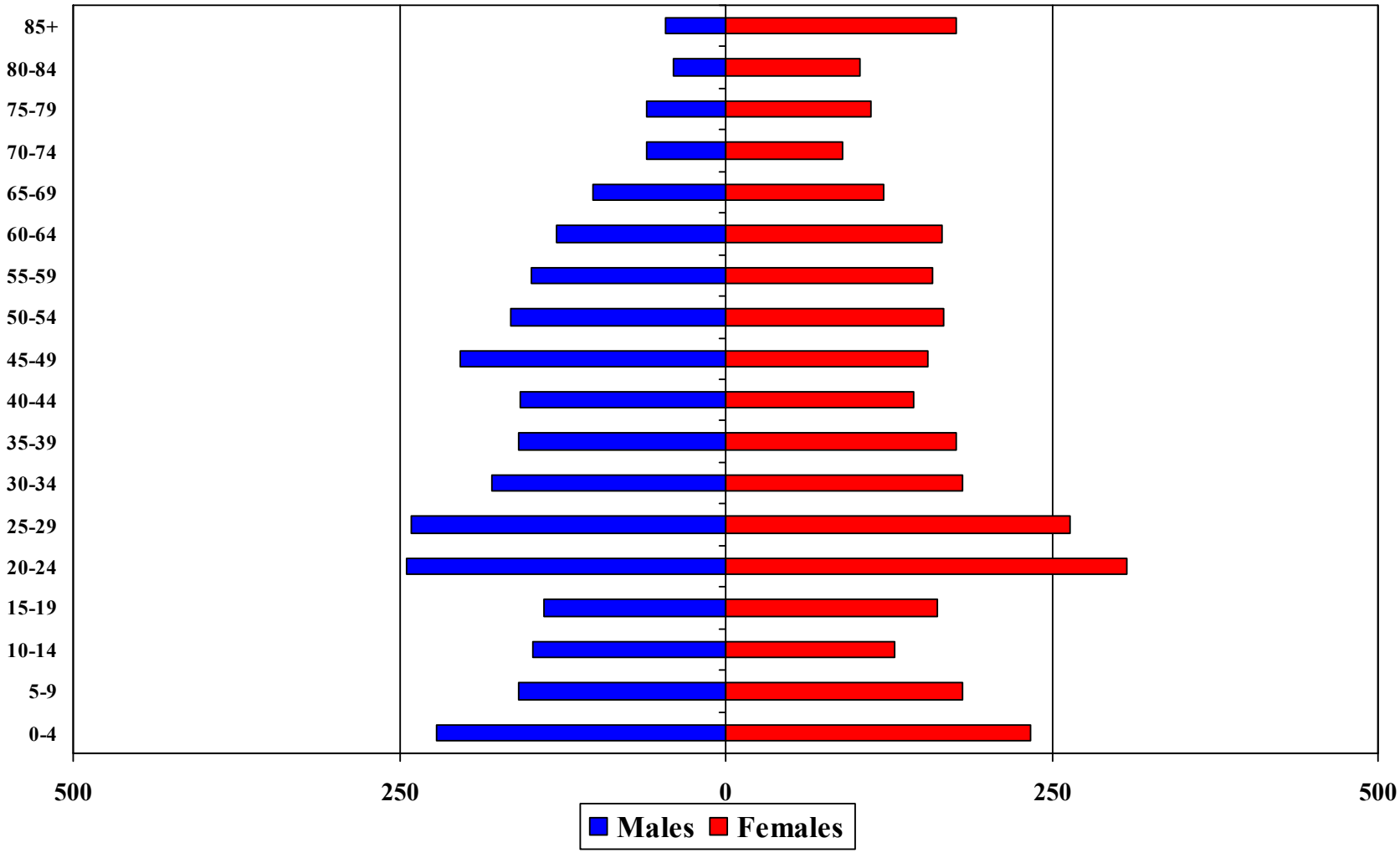
Bellaire ES Total Population – 2010 Census



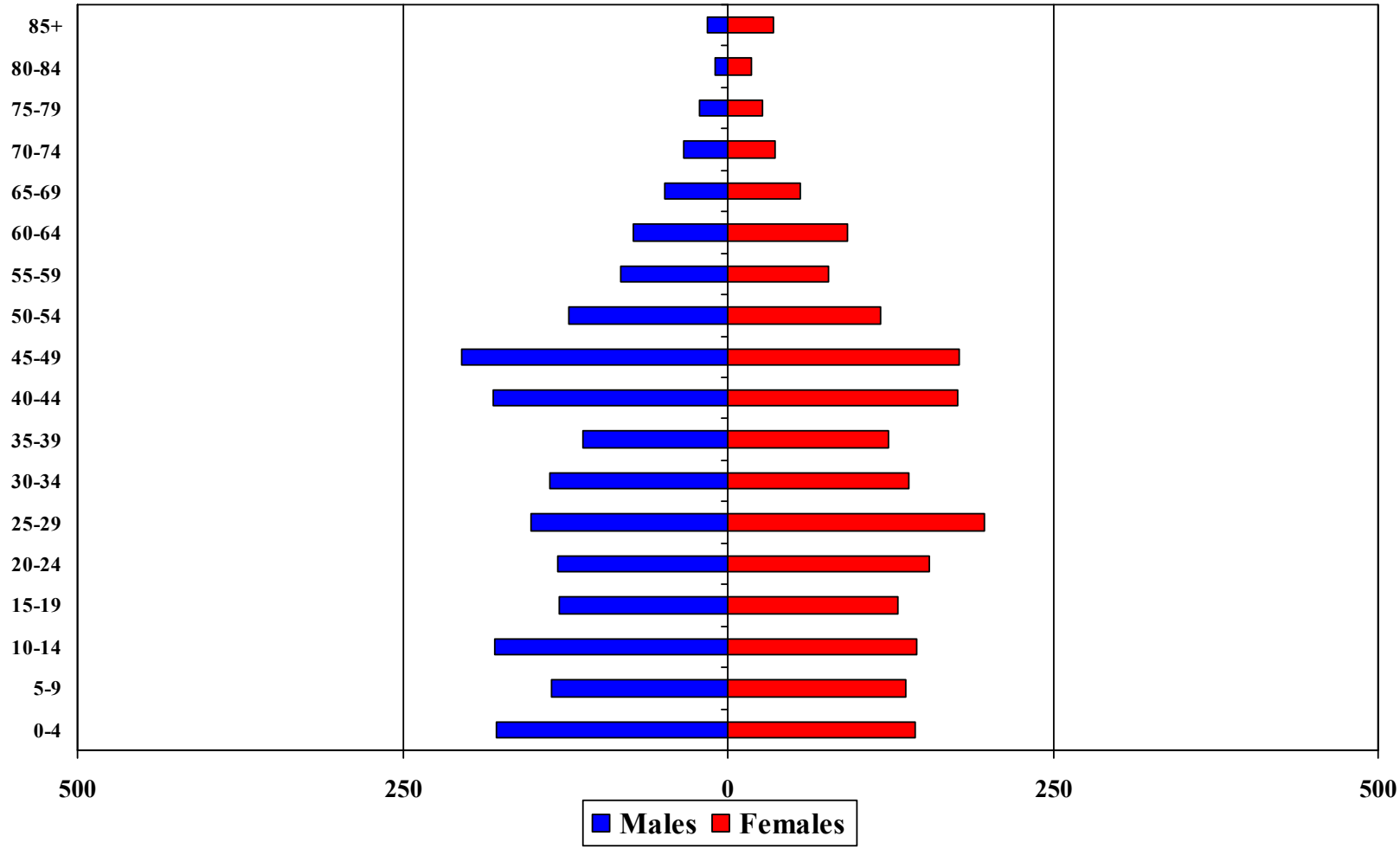
Crestview ES Total Population – 2010 Census



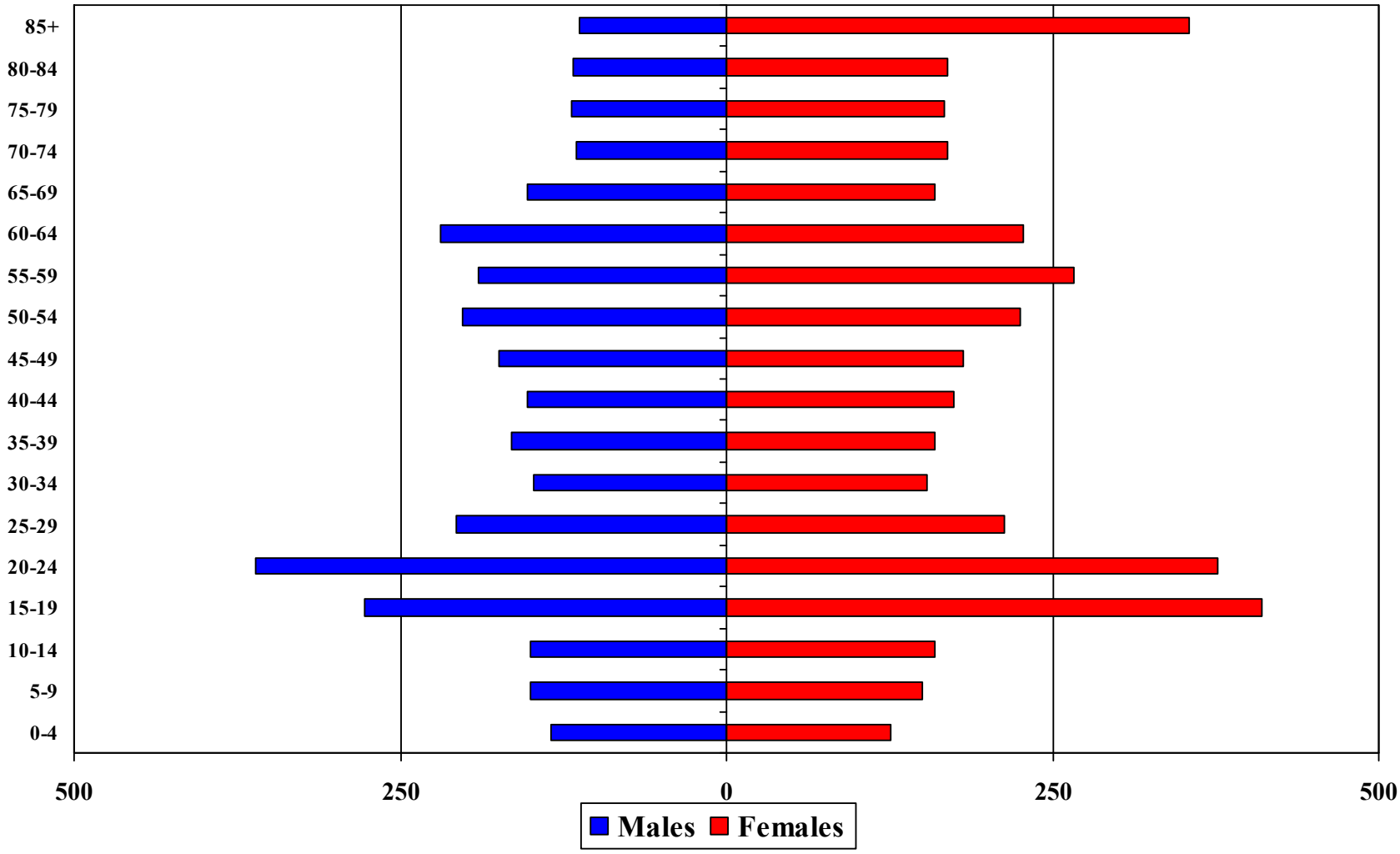
Hamilton ES Total Population – 2010 Census



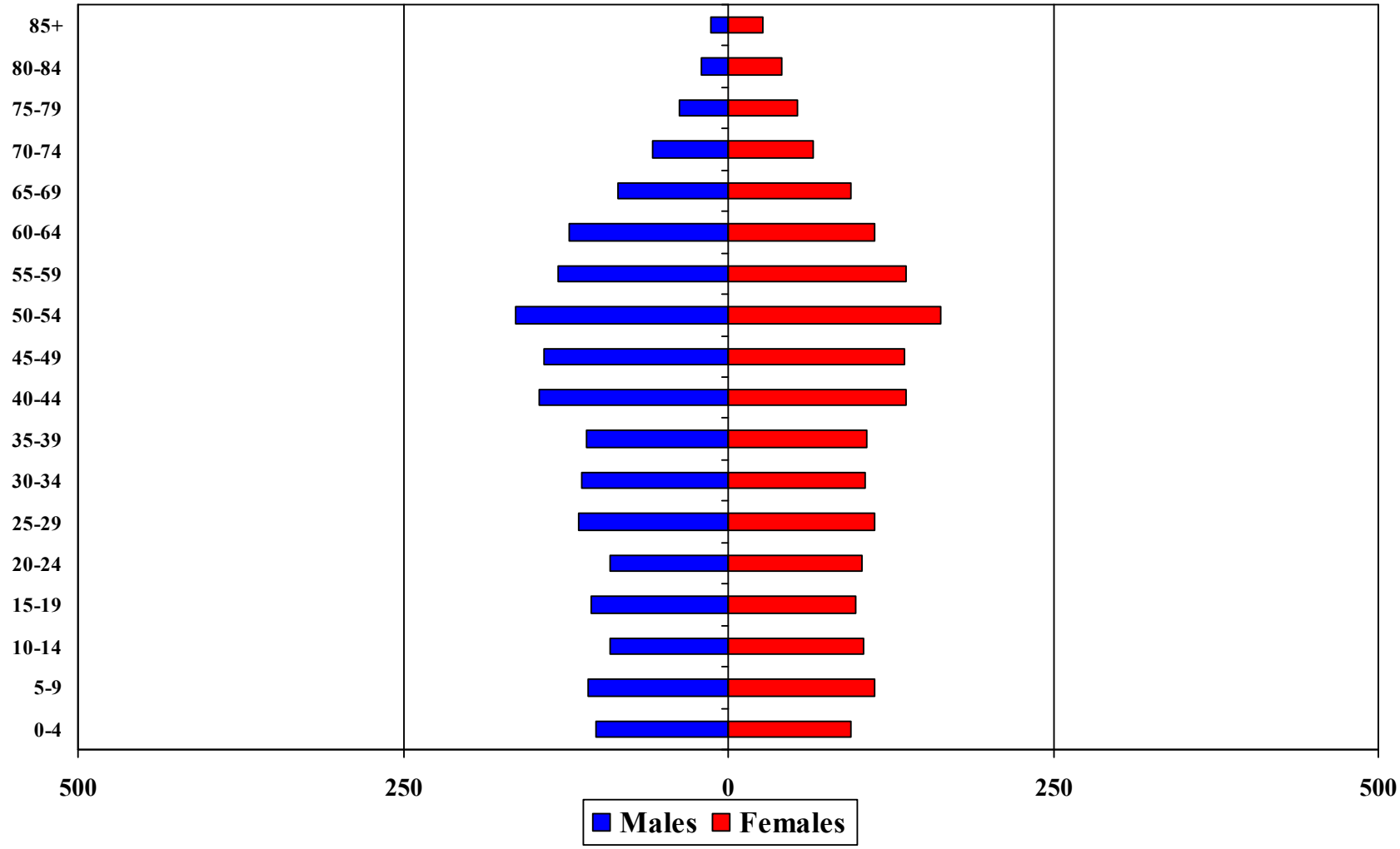
LeTort ES Total Population – 2010 Census



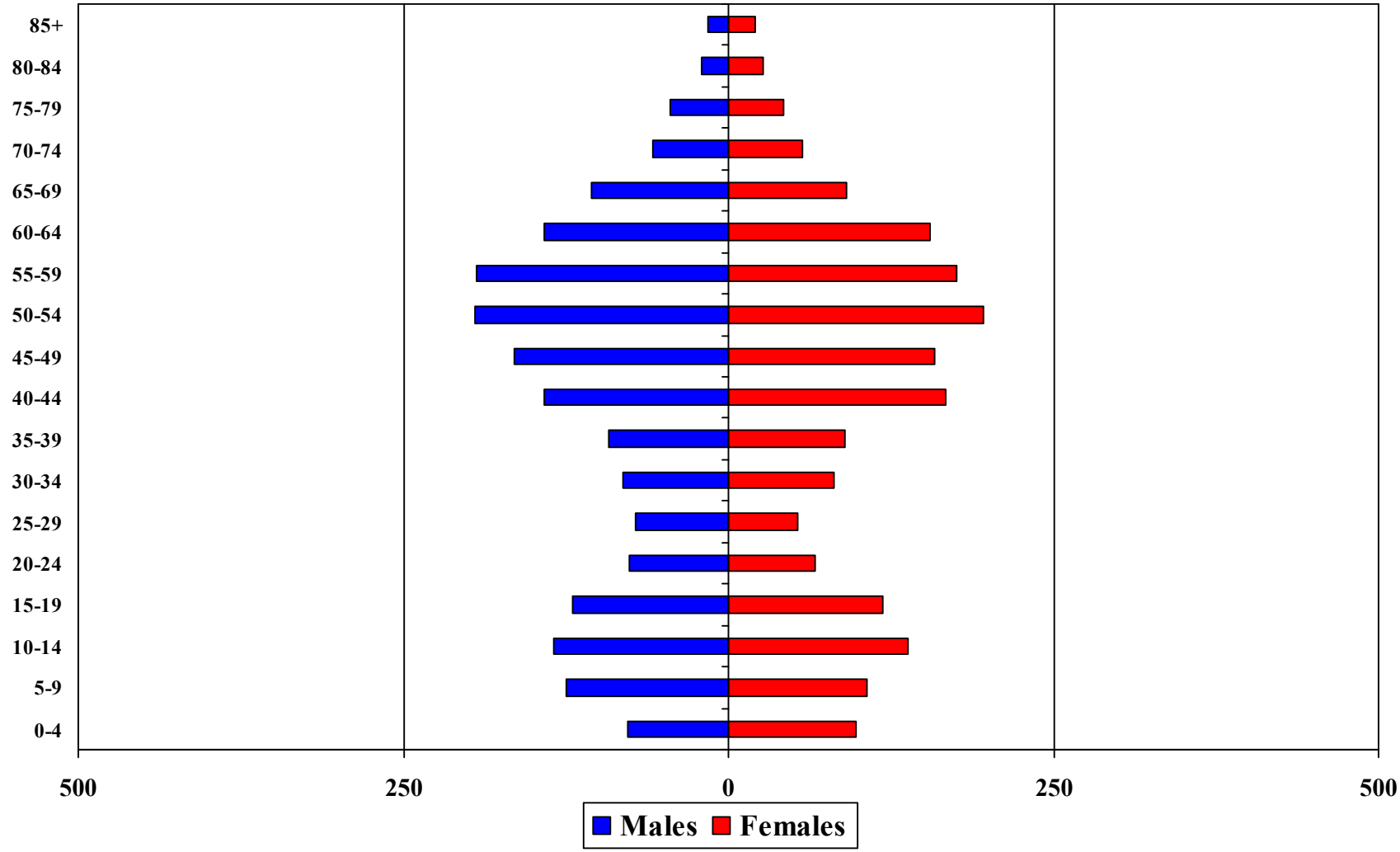
Mooreland ES Total Population – 2010 Census



Mt. Holly Springs ES
Total Population – 2010 Census

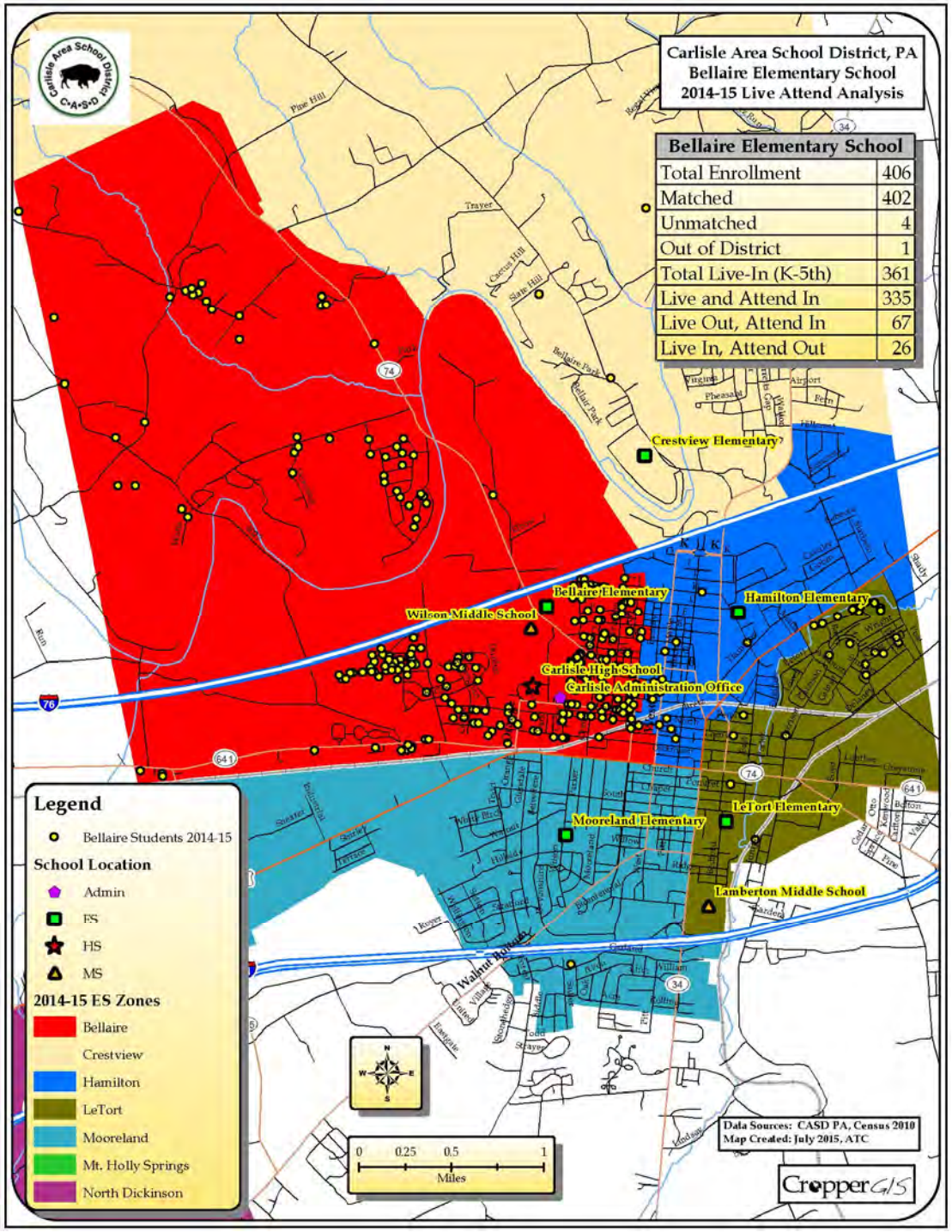


North Dickinson ES
Total Population – 2010 Census



Individual Live-Attend Maps

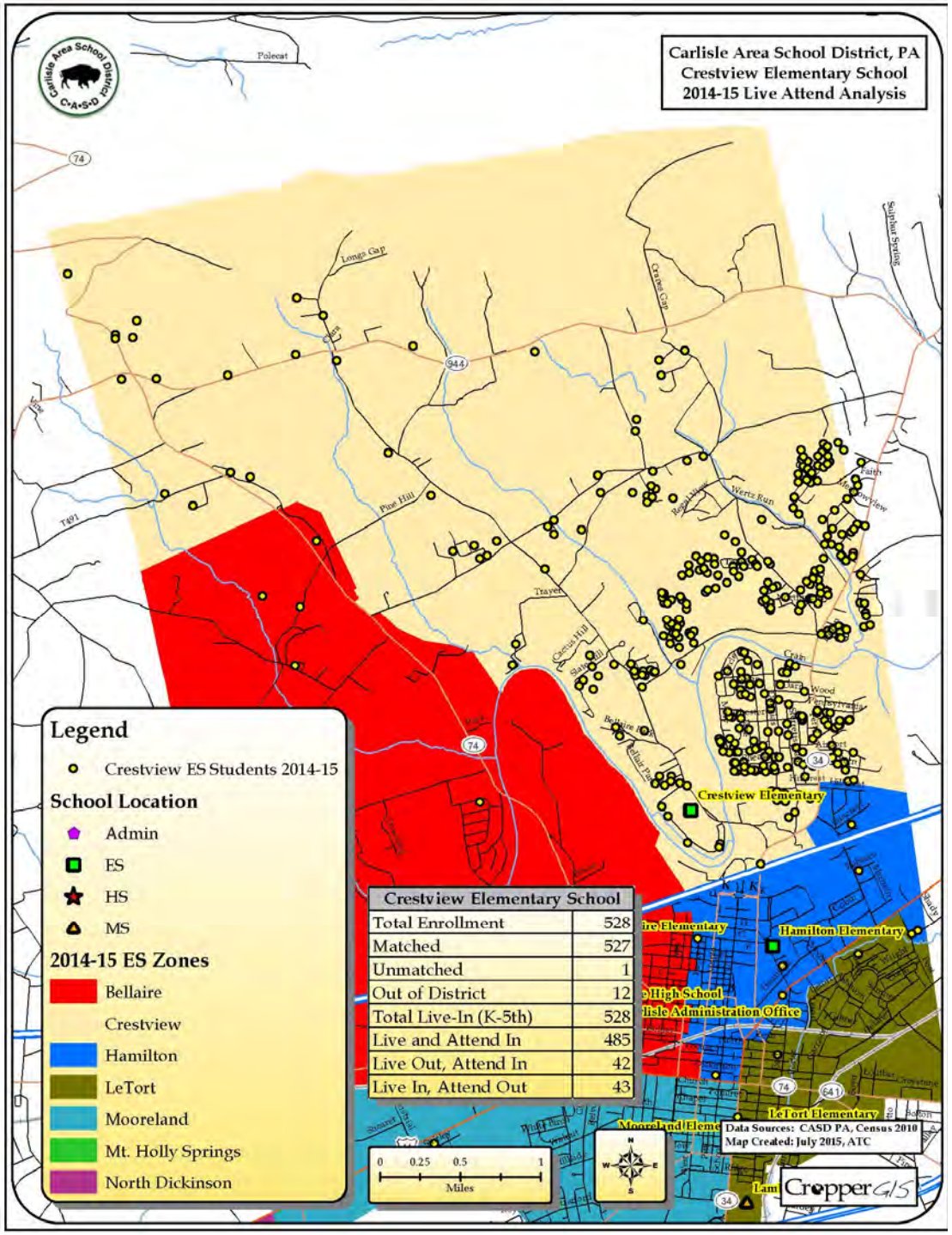
Live-Attend Analysis



CropperGIS

McKibbenDemographics

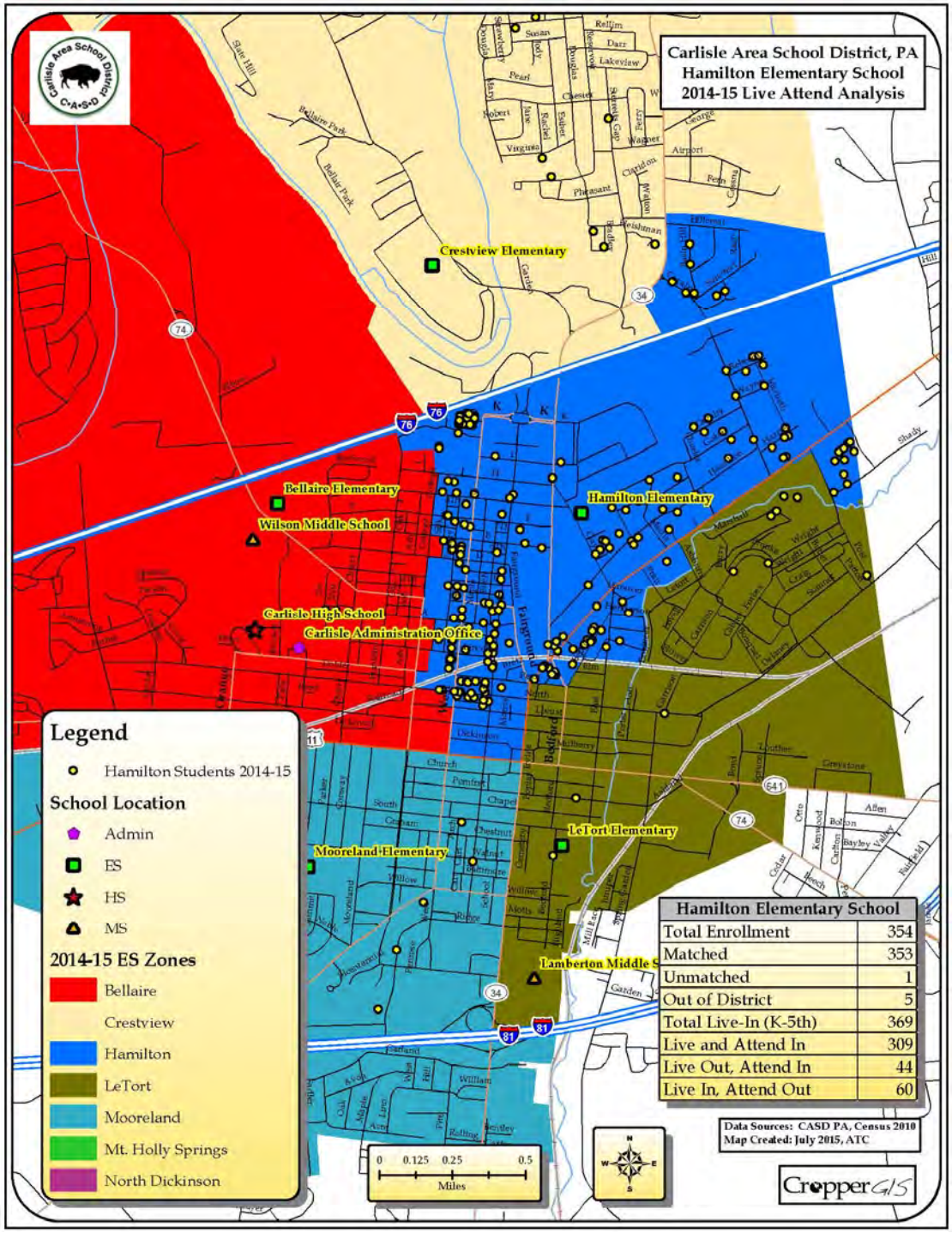
Live-Attend Analysis



Cropper GIS

McKibben Demographics

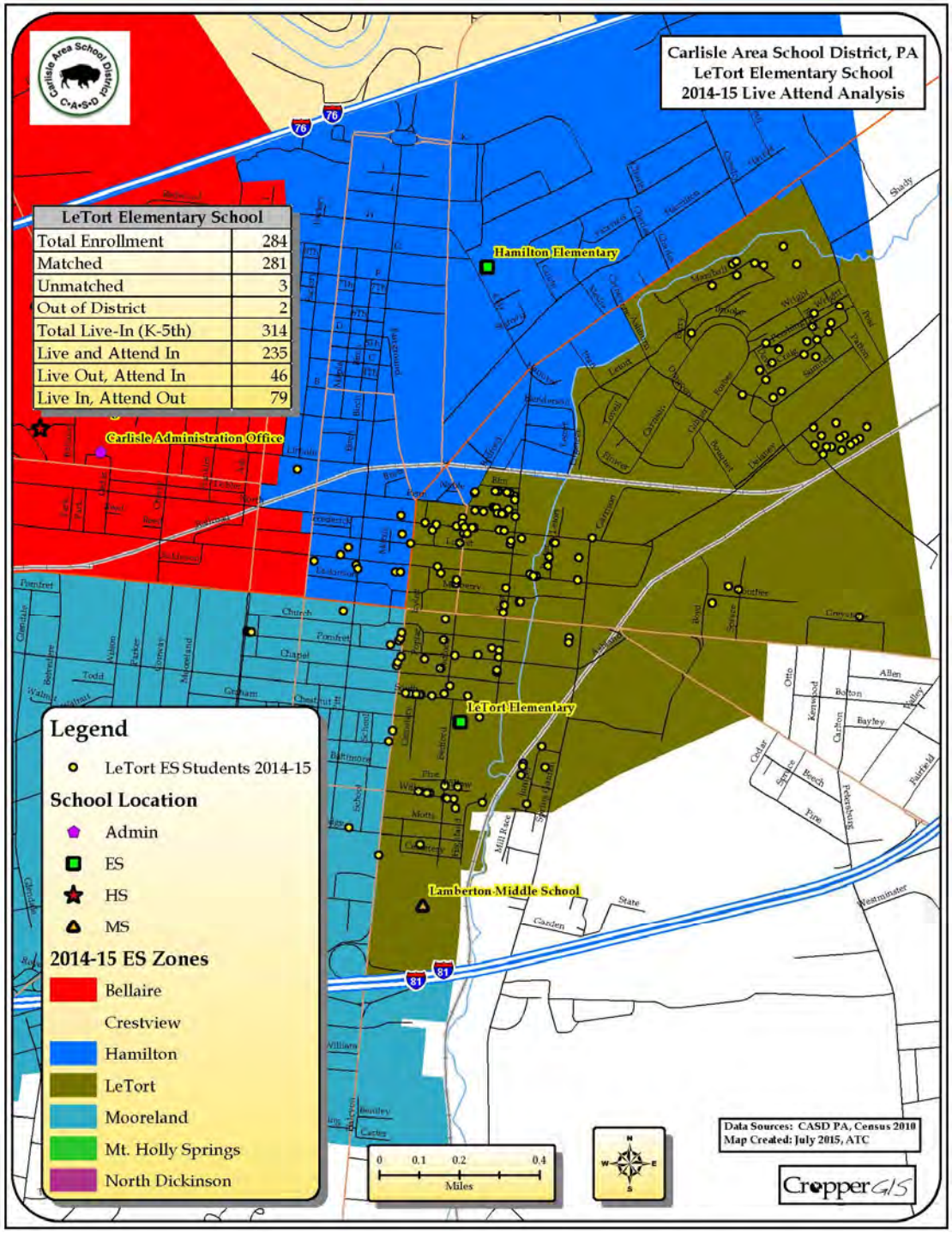
Live-Attend Analysis



Cropper GIS

McKibben Demographics

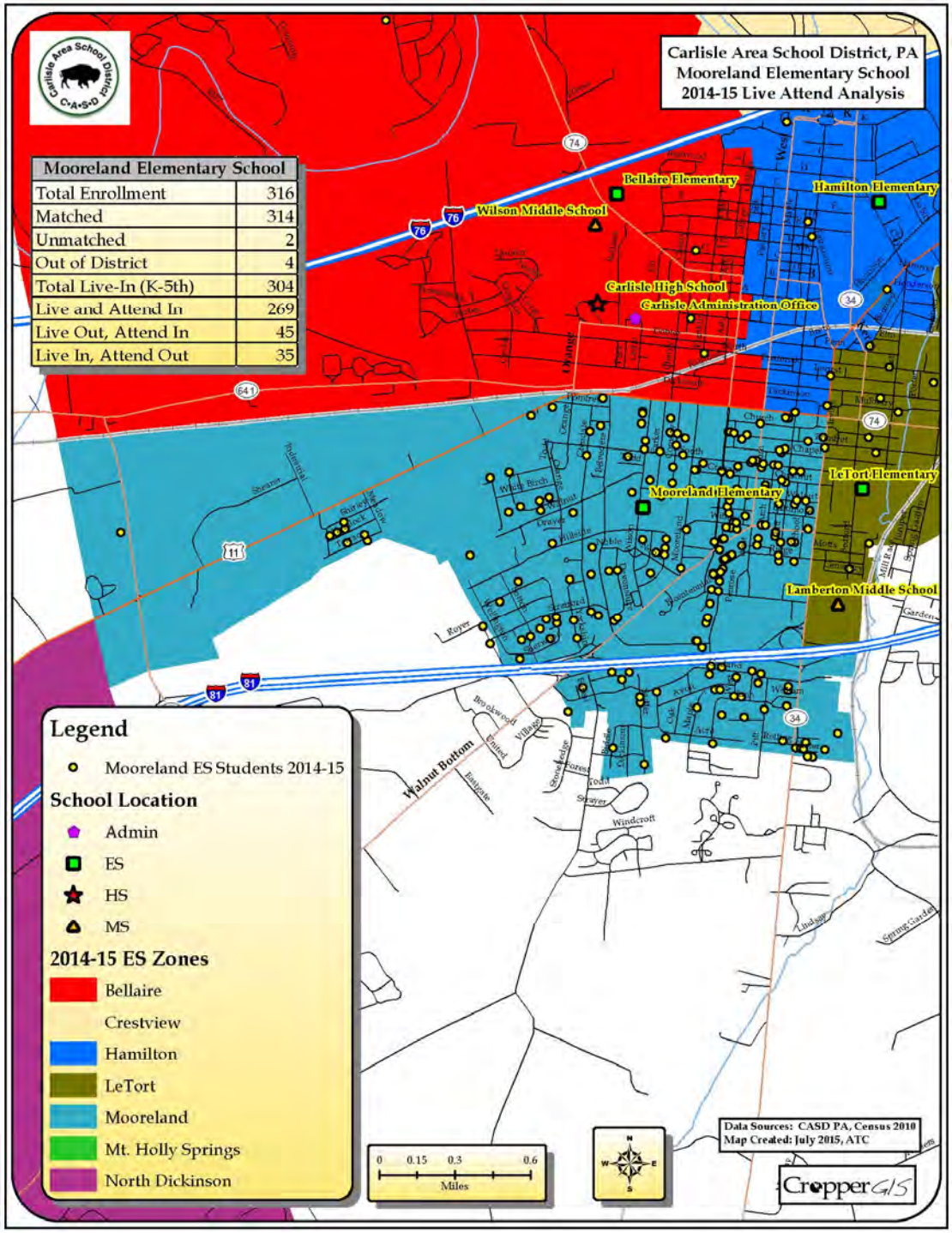
Live-Attend Analysis



Cropper GIS

McKibben Demographics

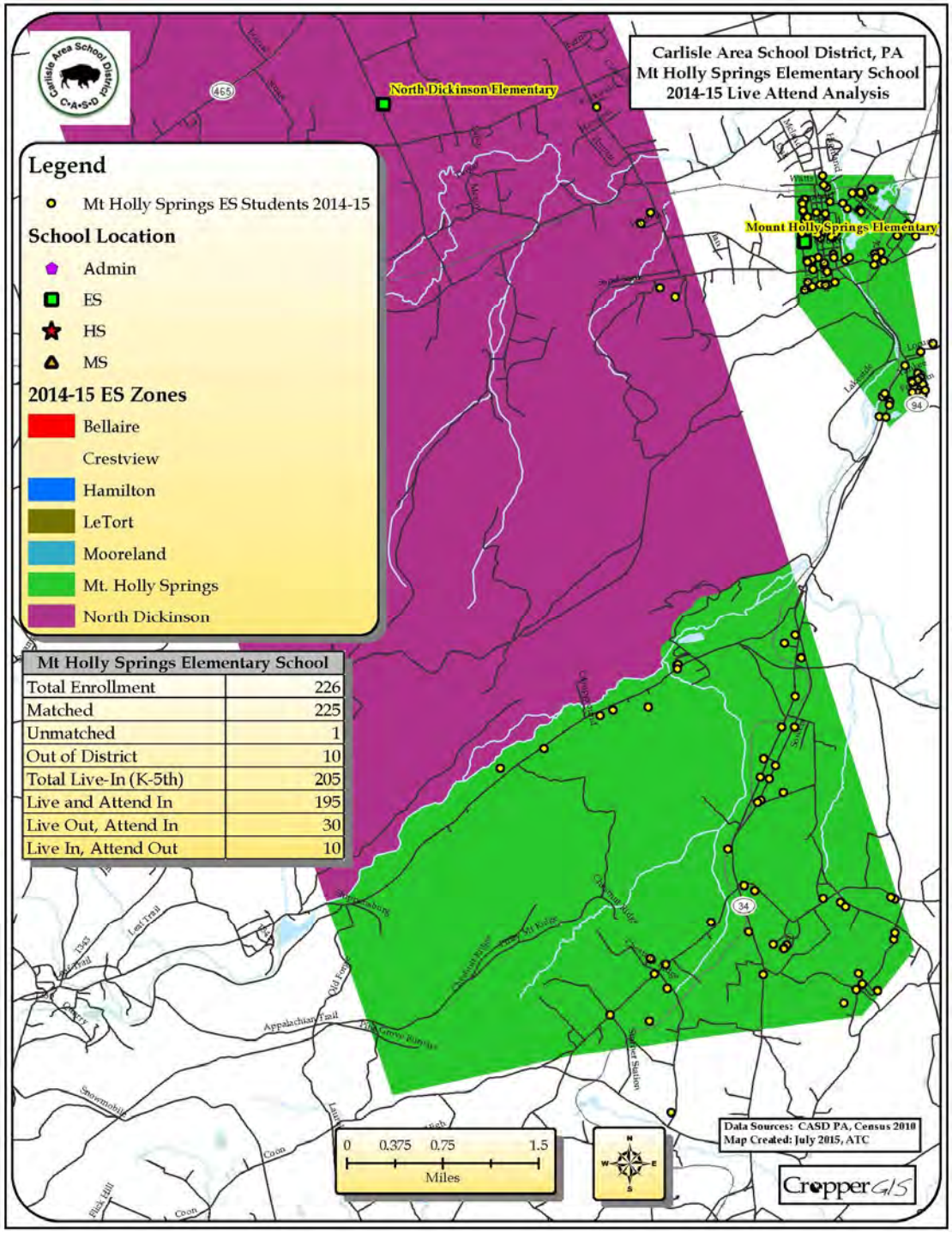
Live-Attend Analysis



CropperGIS

McKibbenDemographics

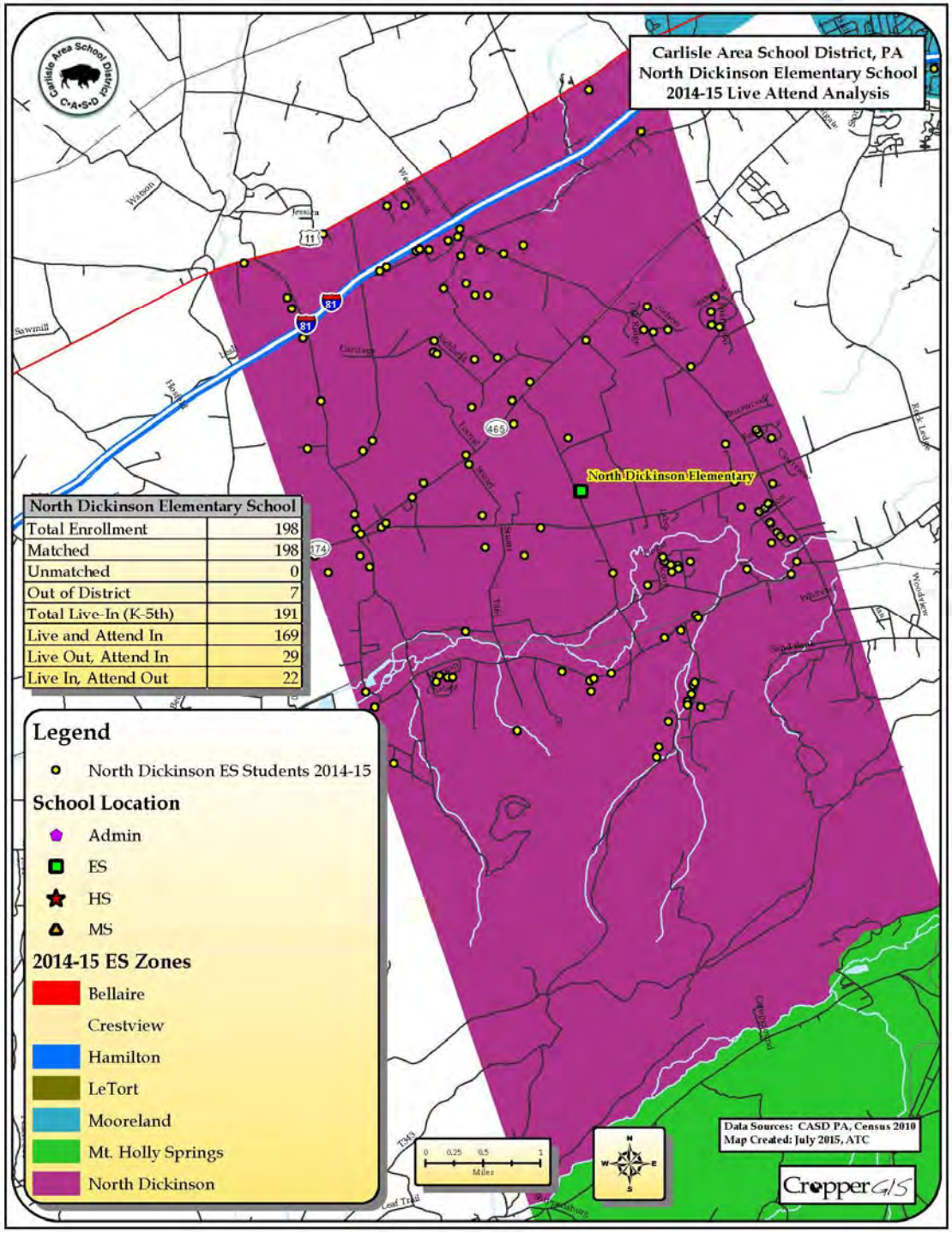
Live-Attend Analysis



Cropper GIS

McKibben Demographics

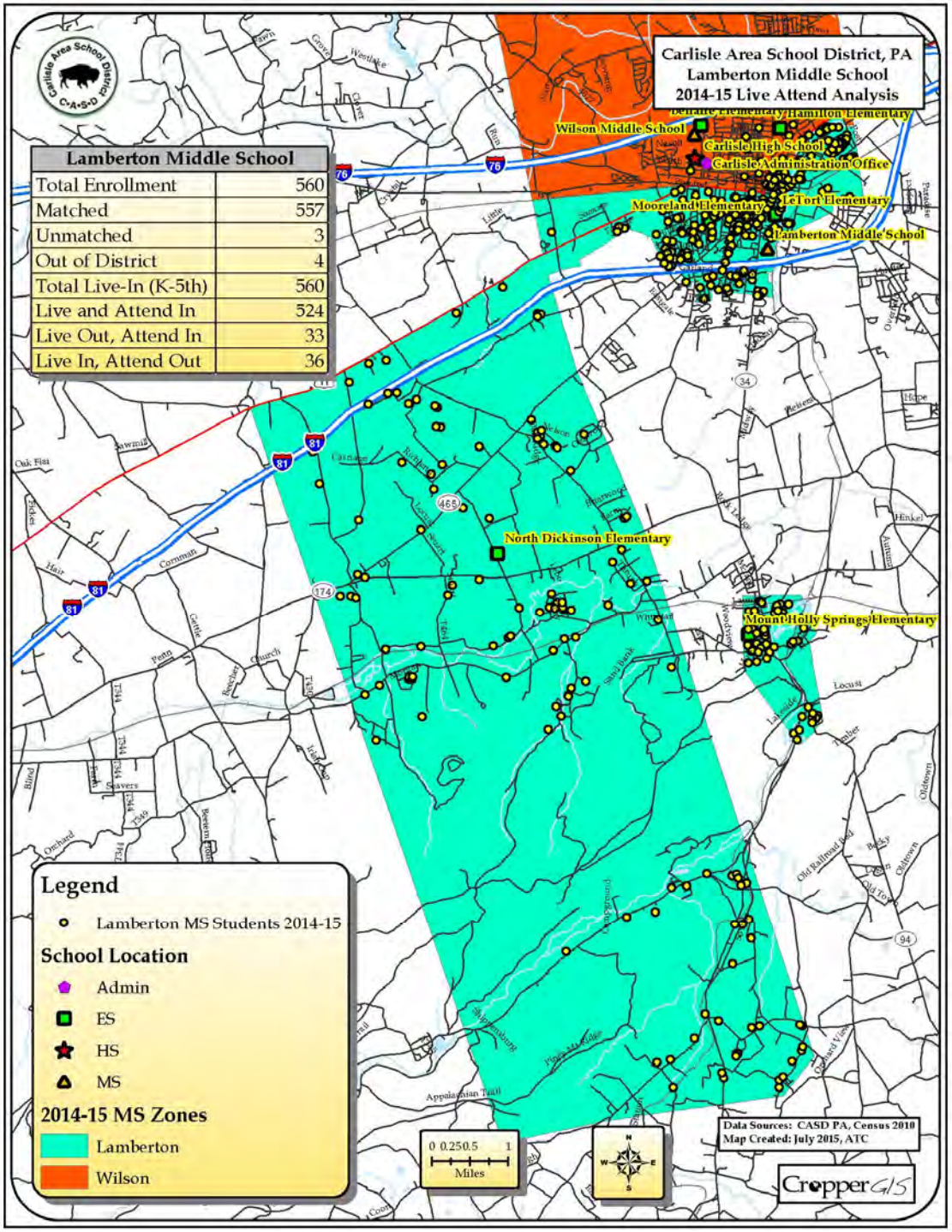
Live-Attend Analysis



Cropper GIS

McKibben Demographics

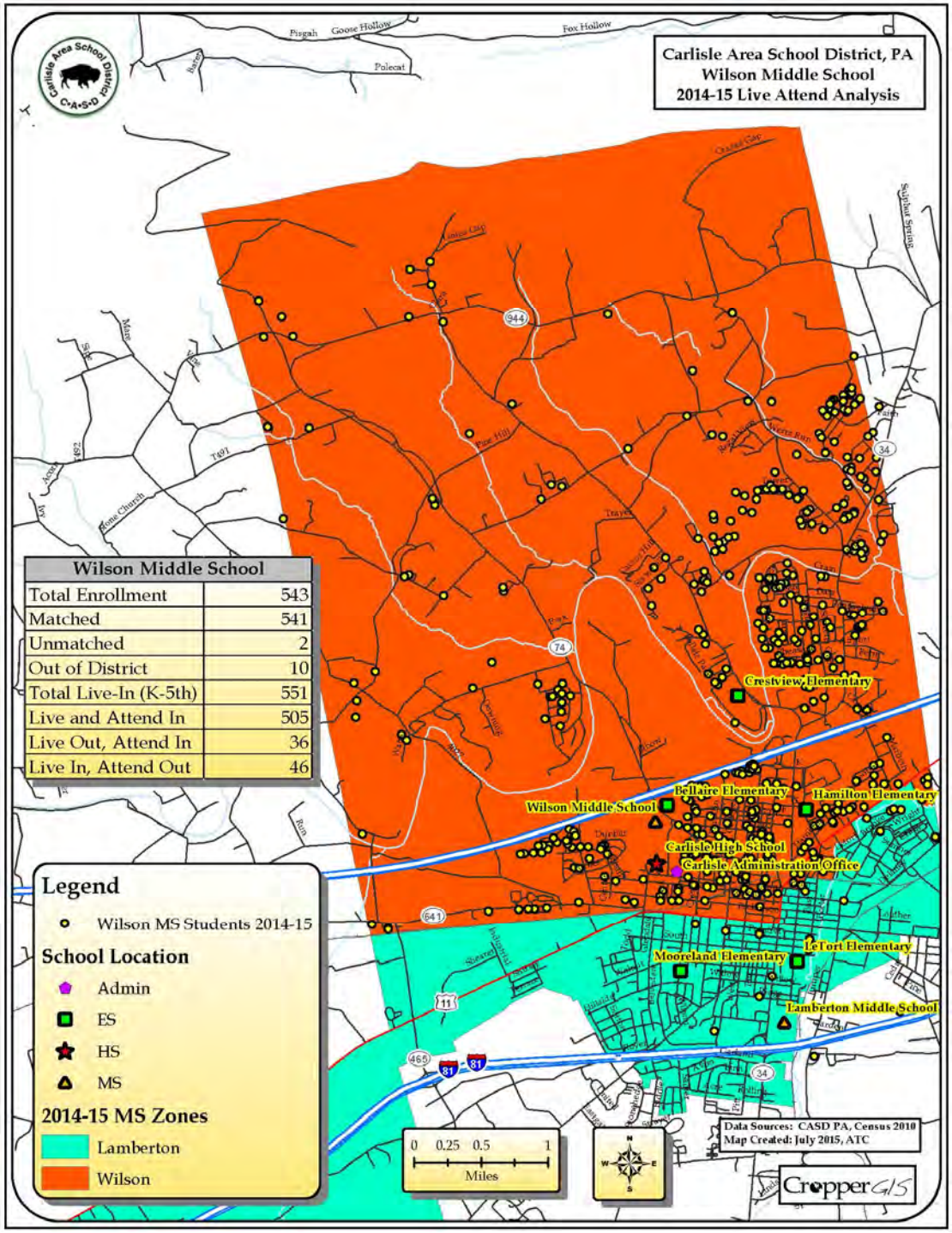
Live-Attend Analysis



CropperGIS

McKibbenDemographics

Live-Attend Analysis



CropperGIS

McKibbenDemographics

Army War College Findings

Army War College Findings

AWC Permanent Party Team

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

AWC Students

- 433 US & International Students attend full-time Resident courses each year. Approximately the same number turns over annually.
- 811 US & International Distance Education Course Students (one month in residence)
- ~ 300 Students attend War College courses of less than 4 weeks in length each year

Total: up to 3247 Students, Faculty, Staff/Workforce at Carlisle at any one time

- AWC Families On and Off Post
- 1,703 Permanent Party Family members (On and Off Post)
- 1,668 Students & Family members make their homes in local Communities
- 739 Students & Family members living on-post

Army War College Findings

AWC Families On and Off Post

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

AWC Economic Impact

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

Army War College Findings

- Student-yields from on-post housing have been stable from 2009-10 through 2014-15.

2009-10 Carlisle Area School District Students - Living on the Army War College Base

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

Source: CASD 2009-10 Student database

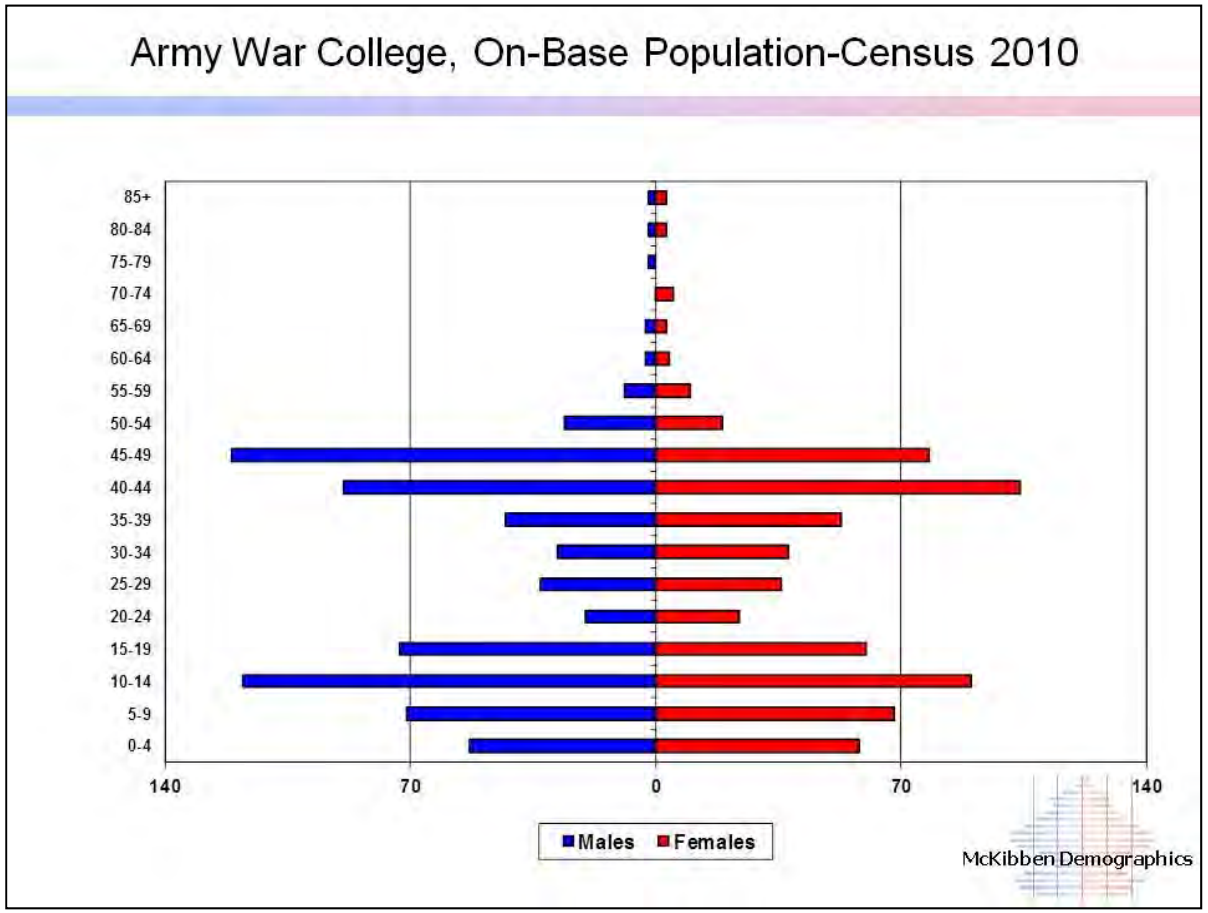
2014-15 Carlisle Area School District Students - Living on the Army War College Base

Attending School	Grades													
	KG	1	2	3	4	5	6	7	8	9	10	11	12	Total
Bellaire ES		6	6	5	3	10								30
Crestview ES		1		2	1	1								5
Hamilton ES	6	3	3	2	6	1								21
LeTort ES	5	11	10	8	19	16								69
Mooreland ES			1		1									2
Lamberton MS							23	36	25					84
Wilson MS							7	3	3					13
Carlisle HS										38	36	22	16	112
Total	11	21	20	17	30	28	30	39	28	38	36	22	16	336

Source: CASD 2014-15 Student database

Army War College Findings

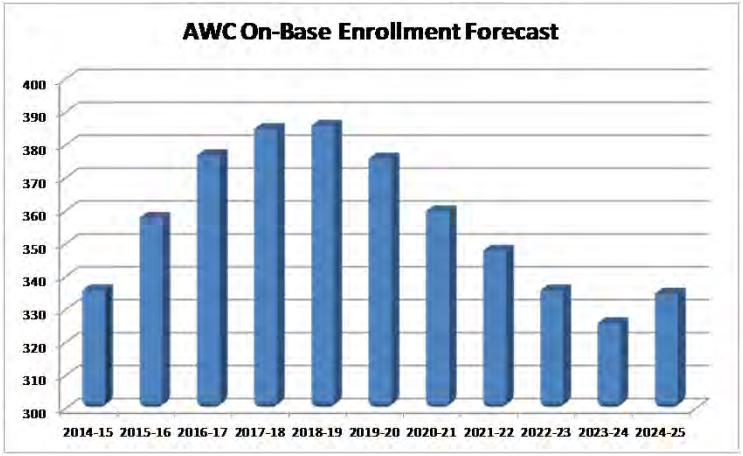
- Average age of AWC enrollment is 42 years old, where faculty median age is 45.



Army War College Findings

- Students from AWC are forecasted to increase slightly up to 2018-19, then to drop by 50 students by 2024-25.

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



Cropper GIS

McKibben Demographics

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