Enrollment Projection/ Demographic Study

for the

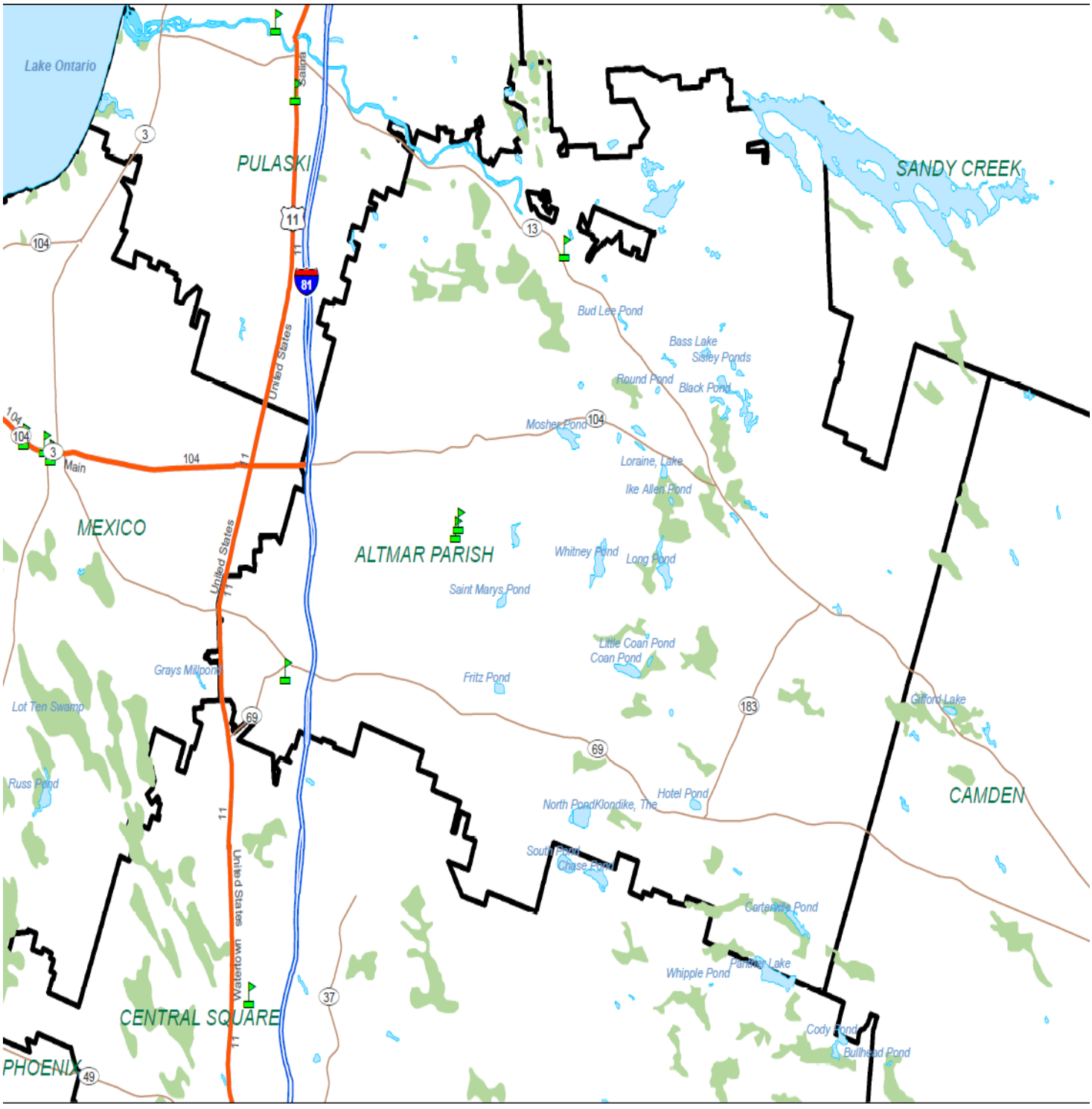
Altmar-Parish-Williamstown Central School District

Parish, New York

A Tool to Help Plan and Discuss the Future

MARCH 12, 2018

"Custom tools and research to aid a school district in defining a vision and decision options for serving students in the future."



"Custom tools and research to aid a school district in defining a vision and decision options for serving students in the future."

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PURPOSE AND USE OF THE ENROLLMENT PROJECTION STUDY

This demographic/enrollment projection study provides historical and current Altmar-Parish-Williamstown Central School District enrollment data and suggests enrollment projection scenarios based on the trending of historical data patterns. The Altmar-Parish-Williamstown Central School District has 167.99 square miles within its enrollment boundaries.

The main purpose of the study is to provide a tool to help school district decision-making. The study provides projected pupil enrollments based on different assumptions about the future. The study is a tool to engage a community in identifying what they believe about the future of the school district and the community it serves. The study also enables the school district to comply with Commissioner's Regulation Section 155.1. The Regulation requires long-range planning of program requirements, pupil capacity of existing facilities, and a plan for repair or modernization of facilities and/or provision for additional facilities to support the delivery of the program Kindergarten through Grade 12. Planning for a Pre-kindergarten program component is a separate element and analysis. Unlike Kindergarten, which has evolved into a defacto 'compulsory' enrollment grade for which State attendance aid is given to a district, Pre-kindergarten enrollment rests solely on the availability of such a program at the discretion of a school district and the volition of the parents or guardians. The enrollment projection study combined with the values, intuition, and vision of school district officials can frame planning discussions as the school district projects its facilities, staffing and program needs into the future.

VARIABLES THAT INFLUENCE FUTURE SCHOOL DISTRICT ENROLLMENTS

The six sources of current and projected school district enrollment are:

- live births within the school district and their eventual kindergarten enrollment in the district;
- new household population with children who move to the district;
- new population who move to the district who are at child-bearing age and plan to begin a family;
- enrollment of students from non-public schools or from home-schooling settings;
- school program and academic intervention changes that may increase the success of the school district in keeping existing enrollment as long as possible to culminate in high school graduation;
- a change by other public schools, if any, who tuition students to attend the Altmar-Parish-Williamstown Central School District.

If there are data to suggest that one or more of the variables listed above will not continue into the near future of the next five years in the same historical pattern, then the baseline enrollment projections results are modified to estimate the potential impact the variable(s) may have on future school district enrollments.

As a result of a discussion about various local variables that may influence estimated future enrollments, the district identified the following as a basis for the enrollment projection calculations of the study:

- ✓ Historical live birth data and patterns
- ✓ Historical patterns of enrollment at the various grade levels
- ✓ Private school enrollments
- ✓ Historical pattern of other school districts, if any, that tuition students to the district

METHODOLOGY TO PROJECT BASELINE ENROLLMENT FORECASTS

Compilation of Data

The study collects the following data to execute the cohort survival statistic to project ***baseline*** future enrollments of the school district:

- Student enrollments of the Altmar-Parish-Williamstown Central School District by grade level from 2012-2013 through 2017-2018 are compiled from data provided by district personnel. All public school enrolled children including special needs students regardless of current school year program location of program, and temporarily home-bound pupils are included in the estimates.
- Annual kindergarten class enrollments are compared to the total school district enrollment area live births five years earlier.
- Live birth numbers in the school district since 2002 as reported by the New York State Department of Health are analyzed.

Application of the Baseline Cohort Survival Statistic

The cohort survival statistic identifies a 'percentage of survival' ratio that describes the relationship of a grade level enrollment in a given year compared to the grade enrollment in the next lower grade from the previous year. If a ratio falls below 1.0, the ratio signifies that the enrollment of students in a grade level decreased or did not 'survive' enrollment into the next grade level of the next year. If a ratio rises above 1.0, the ratio then signifies that new enrollment has moved to the district or a significant change in grade-to-grade promotion policy.

Calculating the survival ratios from 2012-2013 through 2017-2018 for each of the grade enrollments provides the basis for a set of average grade-to-grade survival ratios that can be used to estimate future *baseline* grade enrollments in the Altmar-Parish-Williamstown Central School District.

Limitations of the Study

- The future enrollments predicted using the cohort survival statistic should be adjusted if there is evidence that one or more of the study assumptions have changed.
- Enrollment projection totals for K-6 and for 7-12 are more reliable than are those for specific grade levels in specific years. Primary focus should be given to estimates five years into the future for grades K-6, and ten years into the future for grades 7-12.

- The cohort survival statistic is a linear calculation. As such, sporadic fluctuations of historical enrollment data from year-to-year could affect the estimated projections of future enrollment

HISTORICAL PERSPECTIVE OF ANNUAL ENROLLMENTS

Total K-12 enrollment in the six enrollment years since 2012-2013 has changed from 1301 pupils to 1159 in the current school year. One hundred and forty-two fewer pupils equate to a -10.9% change over the past six years. The six-year average is 1220 pupils and the median is 1213. The close relationship between the average and the median over the past six years of annual enrollments suggests a linear decline and not a decrease influenced by an unforeseen 'atypical' demographic/economic variable in the district.

CHART ONE: APW CSD
HISTORICAL K-12 ENROLLMENT
2012-2017

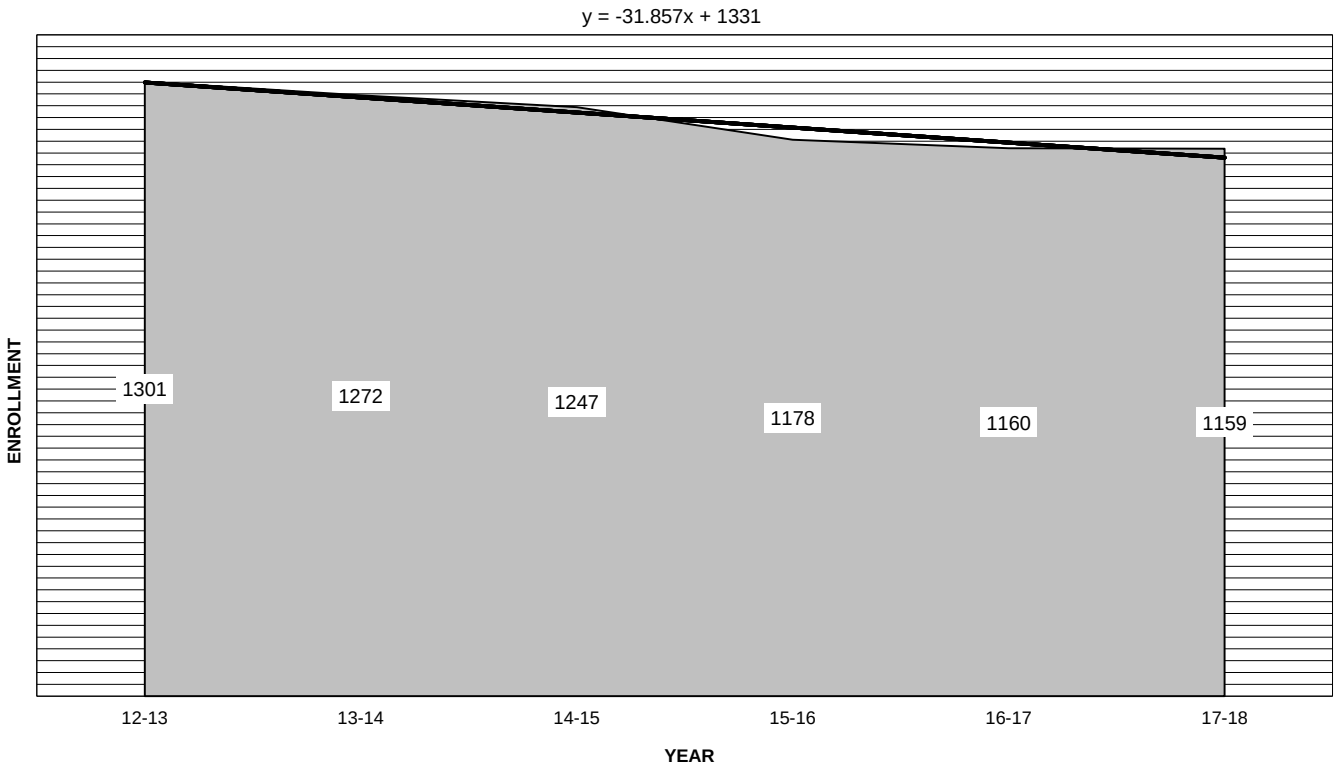
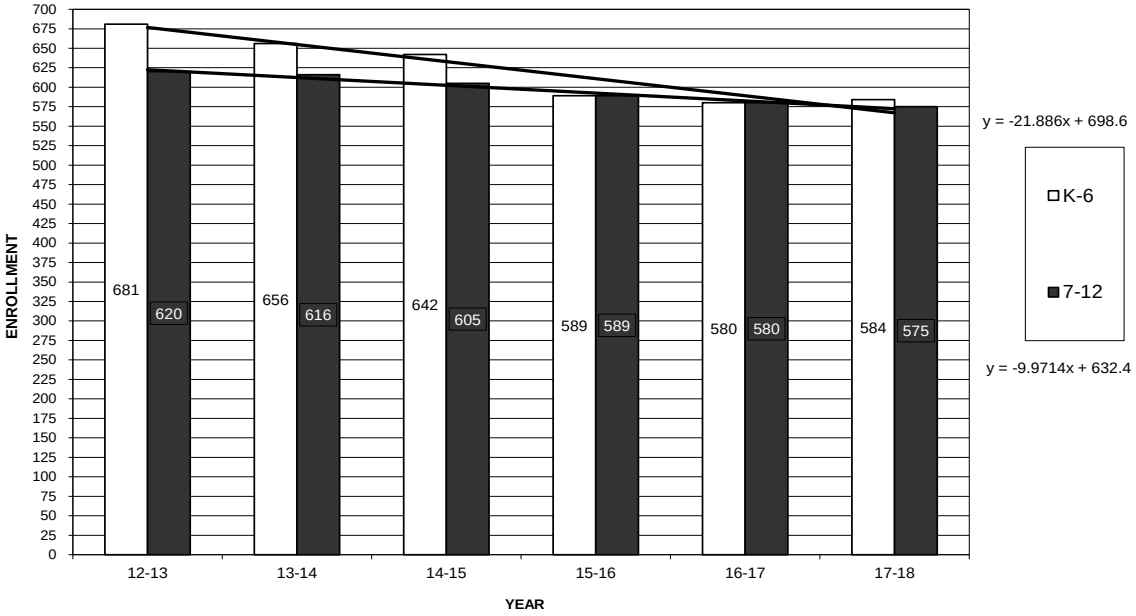


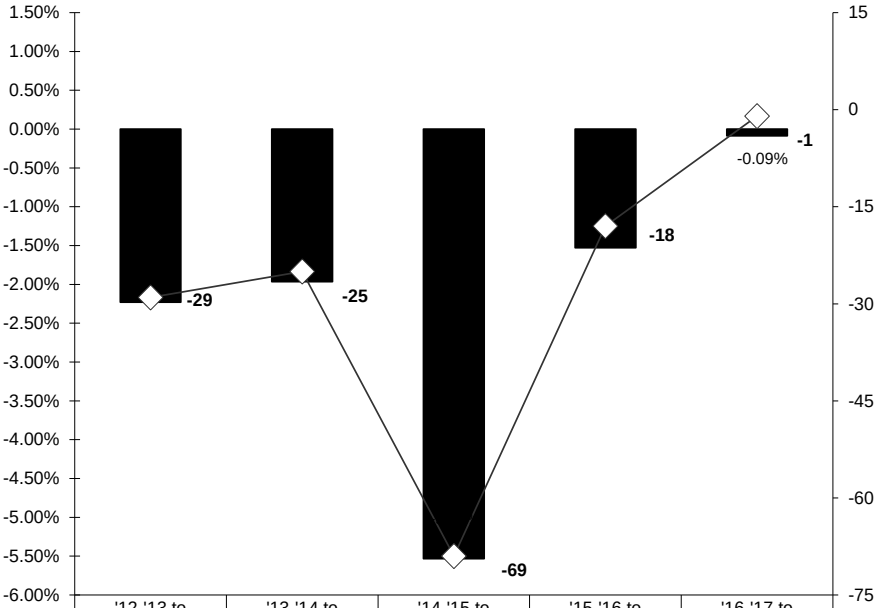
Chart Two on the next page illustrates the historical pattern of K-6, and 7-12 enrollments since 2012. Note the steeper decline in grades K-6 enrollments compared to secondary enrollments over the six years. It is likely, then, that the secondary grades 7-12 will experience a steeper decline in enrollment over at least the next five years compared to the past six years.

CHART TWO: APW CSD
HISTORICAL K-6, 7-12 ENROLLMENT
2012-2017



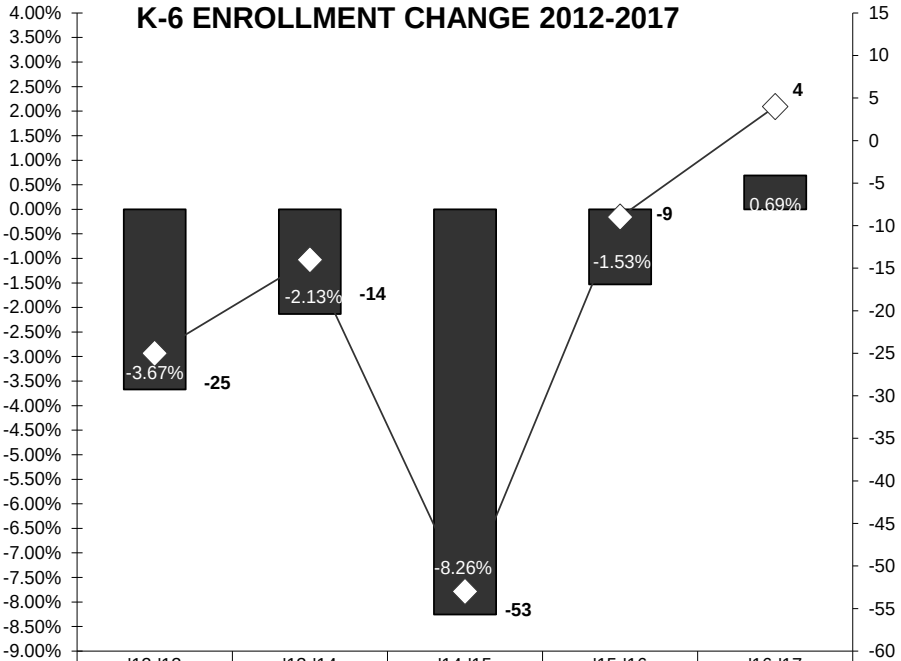
Charts Three, Four, and Five graphically represent the net percentage changes in enrollment from 2012 through 2017 for grades K-12, K-6, and 7-12 enrollments respectively.

CHART THREE: APW CSD
K-12 ENROLLMENT CHANGE 2012-2017



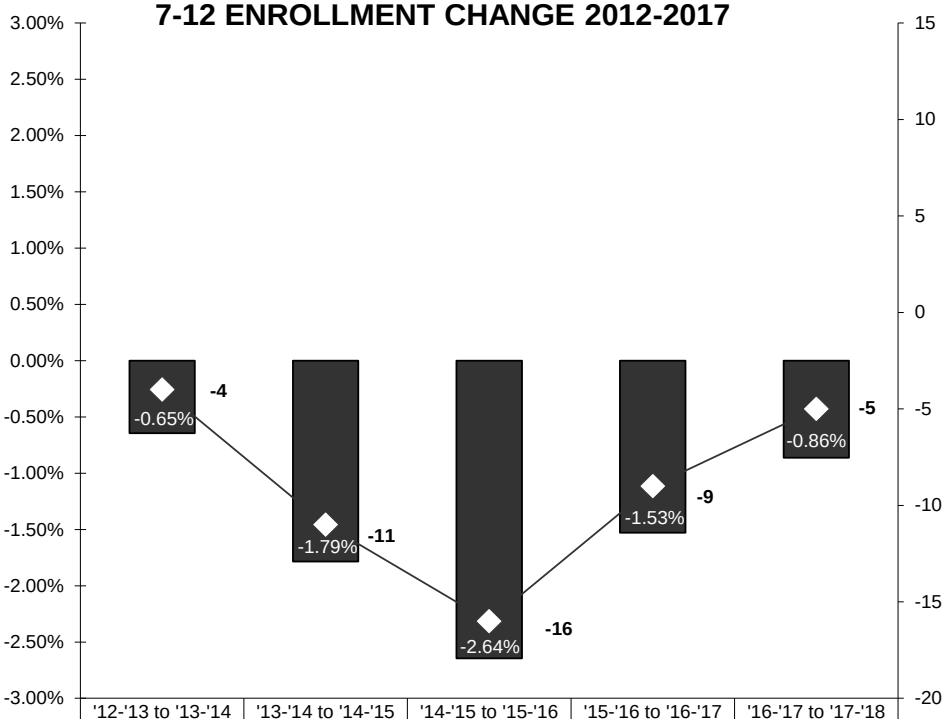
	'12-'13 to '13-'14	'13-'14 to '14-'15	'14-'15 to '15-'16	'15-'16 to '16-'17	'16-'17 to '17-'18
Year-to-Year % Change in Total K-12 Enrollment	-2.23%	-1.97%	-5.53%	-1.53%	-0.09%
Year-to-Year Student Enrollment Change K-12	-29	-25	-69	-18	-1

CHART FOUR: APW CSD
K-6 ENROLLMENT CHANGE 2012-2017



	'12-'13 to '13-'14	'13-'14 to '14-'15	'14-'15 to '15-'16	'15-'16 to '16-'17	'16-'17 to '17-'18
Year-to-Year % Change in Total K-6 Enrollment	-3.67%	-2.13%	-8.26%	-1.53%	0.69%
Year-to-Year Student Enrollment Change K-6	-25	-14	-53	-9	4

CHART FIVE: APW CSD GRADES
7-12 ENROLLMENT CHANGE 2012-2017



	'12-'13 to '13-'14	'13-'14 to '14-'15	'14-'15 to '15-'16	'15-'16 to '16-'17	'16-'17 to '17-'18
Year-to-Year % Change in Total 7-12 Enrollment	-0.65%	-1.79%	-2.64%	-1.53%	-0.86%
Year-to-Year Student Enrollment Change 7-12	-4	-11	-16	-9	-5

DISTRICT ENROLLMENT AREA AND DISTRICT LIVE BIRTHS

Table 1 below lists live birth data from 2002 through 2016 for the geographic area of the Altmar-Parish-Williamstown Central School District; Oswego County; and of the towns that make up the 'catchment area' of the school district. The New York State Health Department geocodes annual live birth data for the State based on the permanent residence location of the mother. The data support a trend analysis of the pattern of the ten-year set of yearly live birth totals attributed to the school district. ***Table 2*** lists the annual Altmar-Parish-Williamstown kindergarten enrollments since 2002.

TABLE 1
LIVE BIRTHS IN THE CATCHMENT AREA SERVED BY THE ALTMAR-PARISH-WILLIAMSTOWN CENTRAL SCHOOL DISTRICT AS REPORTED BY THE NEW YORK STATE DEPARTMENT OF HEALTH 2002-2016

TOWN	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	*2016*	*TOTAL*
															PRELIM.	
BIRTHS IN EACH MUNICIPALITY																
Oswego County																
Albion	25	25	27	22	20	22	29	19	24	17	32	32	27	23	25	**369**
Amboy	13	12	19	16	15	14	17	11	16	18	8	15	16	10	16	**216**
Hastings	88	102	92	107	83	96	96	114	89	102	84	90	97	75	91	**1,406**
Mexico	68	66	63	71	66	46	62	68	65	56	57	51	56	54	61	**910**
Orwell	12	18	11	11	17	17	14	17	21	19	19	16	19	4	9	**224**
Parish	33	32	28	28	27	25	25	21	29	29	26	23	30	24	29	**409**
Richland	77	65	69	61	81	67	79	61	67	53	65	75	56	58	70	**1,004**
West Monroe	63	48	49	46	38	41	32	42	41	46	36	39	40	31	51	**643**
Williamstown	27	18	22	19	28	20	25	18	15	19	17	28	13	26	24	**319**
Parish Village	2	7	7	3	7	9	5	3	7	7	3	8	6	2	**6**	**82**
TOTAL BIRTHS IN CATCHMENT AREA	**408**	**393**	**387**	**384**	**382**	**357**	**384**	**374**	**374**	**366**	**347**	**377**	**360**	**307**	**382**	**5,582**
TOWNS																
NYS HEALTH DEPARTMENT																
'LIVE BIRTHS BY SCHOOL DISTRICT'	**106**	**89**	**99**	**85**	**105**	**91**	**104**	**75**	**95**	**89**	**87**	**102**	**91**	**74**	**98**	**1,390**
DISTRICT/CATCHMENT AREA																
LIVE BIRTH RATIO	25.98%	22.65%	25.58%	22.14%	27.49%	25.49%	27.08%	20.05%	25.40%	24.32%	25.07%	27.06%	25.28%	24.10%	25.65%	24.90%
														SIX YEAR RATIO:		**25.25%**
OSWEGO COUNTY																
TOTAL BIRTHS	1,490	1,545	1,478	1,500	1,518	1,525	1,511	1,547	1,465	1,473	1,469	1,472	1,397	1,312	1,439	**22,141**

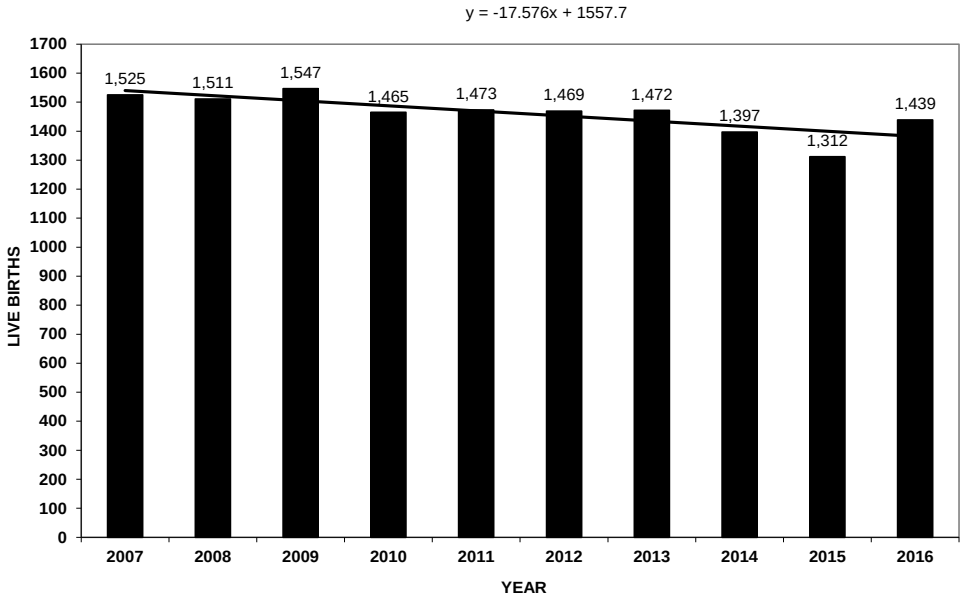
TABLE 2
KINDERGARTEN ENROLLMENT OF THE ALTMAR-PARISH-WILLIAMSTOWN CENTRALSCHOOL DISTRICT 2002-2017

2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
107	119	103	112	98	104	89	81	86	95	96	87	79	71	73	88

Figure One on the next page charts the live birth data for Oswego County since 2007. The annual totals of live births in Oswego County have trended slightly downward from 2007 to 2016; slope of -17.576.

The range over ten years is from a high of 1547 in 2009 to a low of 1312 in 2015. A comparison of the live births total in 2016 with the total in 2007 shows a change over ten years of -86 or -5.6%.

FIGURE ONE: OSWEGO COUNTY
LIVE BIRTHS 2007-2016



The pattern of live births in the enrollment area of the Altmar-Parish-Williamstown Central School District from 2007 through 2016 is 'stable'. The range over ten years is from a high 104 in 2008 to a low of 74 in 2015. Comparing the live births total in 2016 with the total in 2007, the change is +7 or +7.7%. Will the historical pattern of live births in the Altmar-Parish-Williamstown Central School District service area shown in ***Figure Two*** below for the ten years since 2007 continue for the next five years from 2017 through 2021?

FIGURE TWO: LIVE BIRTHS IN THE APW CENTRAL SCHOOL DISTRICT ENROLLMENT AREA 2007-2016

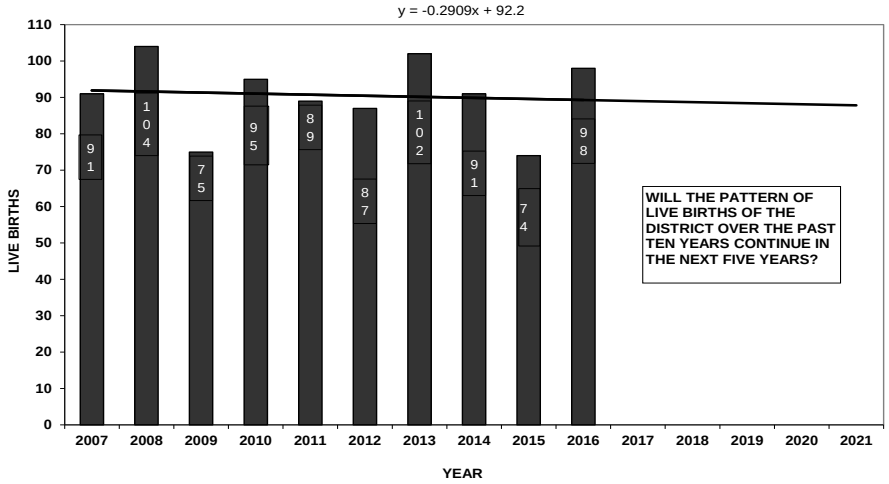


Figure Two-A below illustrates the pattern of live births in the Altmar-Parish-Williamstown Central School District over the past six years from 2011-2016. Viewing the live birth data over the past six years instead of ten illustrates the most current influence of demographic variables that may affect the annual number of live births in the school district. A six year view of district live births suggests a 'stable' pattern similar to the ten year view of the live birth data for the district in ***Chart Two***. In 2011 there were 89 live births within the boundaries of the Altmar-Parish-Williamstown Central School District. In 2016 there were 98 representing an increase of 6 or +6.7% over 2011. Will the historical pattern of live births since 2011 in the Altmar-Parish-Williamstown School District service area shown in ***Figure Two-A*** continue for the next five years through 2021?

FIGURE TWO-A: LIVE BIRTHS IN THE APW CENTRAL SCHOOL DISTRICT ENROLLMENT AREA 2011-2016

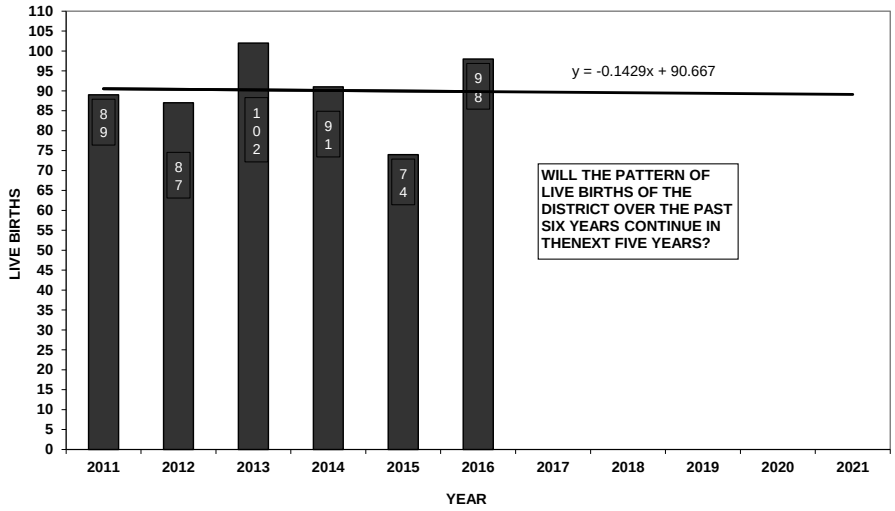
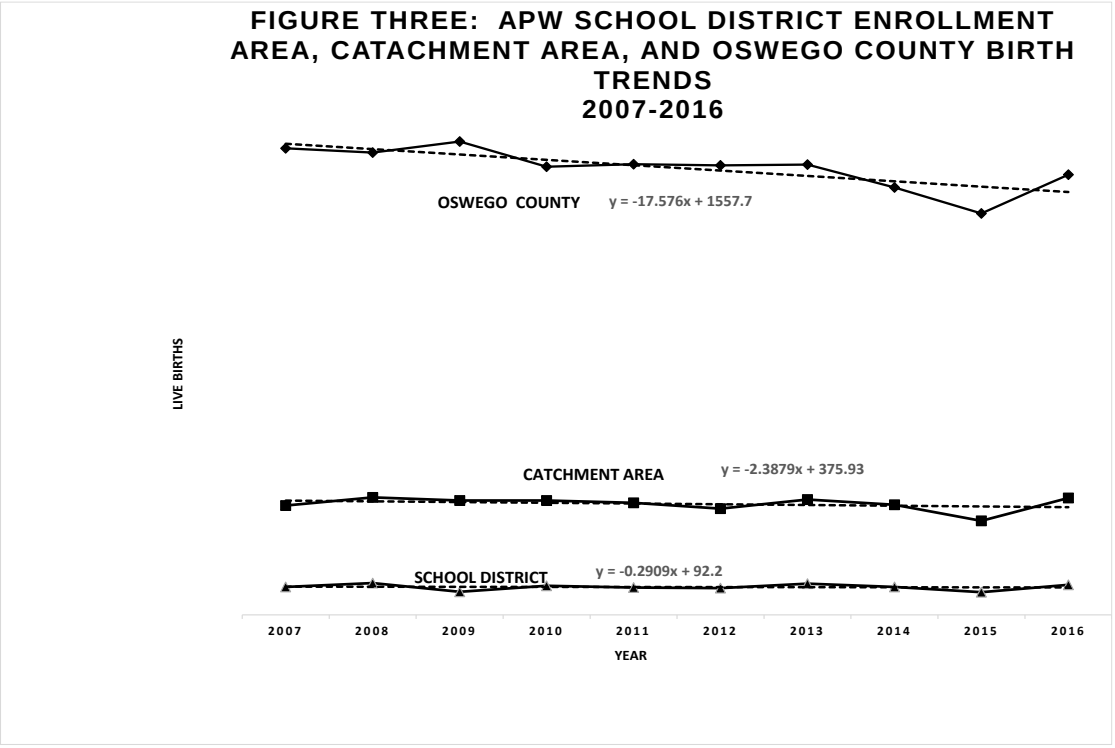


Figure Three on the next page charts the pattern of live births over the past ten years for Oswego County, the number of live births for the school district enrollment area, and for the 'catchment area' of the district over the same ten year period in one illustration. The trend lines demonstrate the difference in the rates of live birth patterns in the school district, the towns in which the district is located, and the County as a whole. The live births over the past ten years in the district *enrollment area* are declining at a lower rate compared to the decreasing patterns of live birth patterns in the County and charted for the school district "catchment area" (towns in which Altmar-Parish-Williamstown is located).

FIGURE THREE: APW SCHOOL DISTRICT ENROLLMENT AREA, CATACHMENT AREA, AND OSWEGO COUNTY BIRTH TRENDS 2007-2016



DISTRICT KINDERGARTEN ENROLLMENTS AND DISTRICT LIVE BIRTHS

Figure Four below charts the Altmar-Parish-Williamstown Central School District kindergarten enrollment from 2008 through 2017. The pattern illustrates a slightly decreasing kindergarten enrollment pattern over 10 years; -1.1939 slope. The range of change over the ten years is from a low of 71 kindergarten enrollments in 2015 to a high of 96 kindergarten enrollments in 2012. Comparing the kindergarten enrollments in 2008 with the total in 2016, the change is -1 or -1.1%.

FIGURE FOUR: APW SCHOOL DISTRICT KINDERGARTEN ENROLLMENT 2008-2017

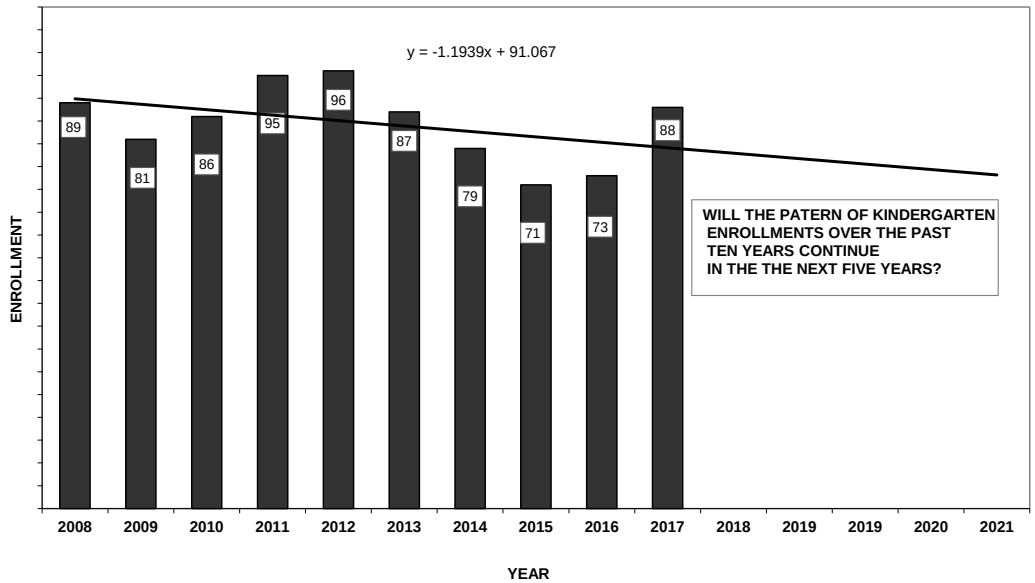
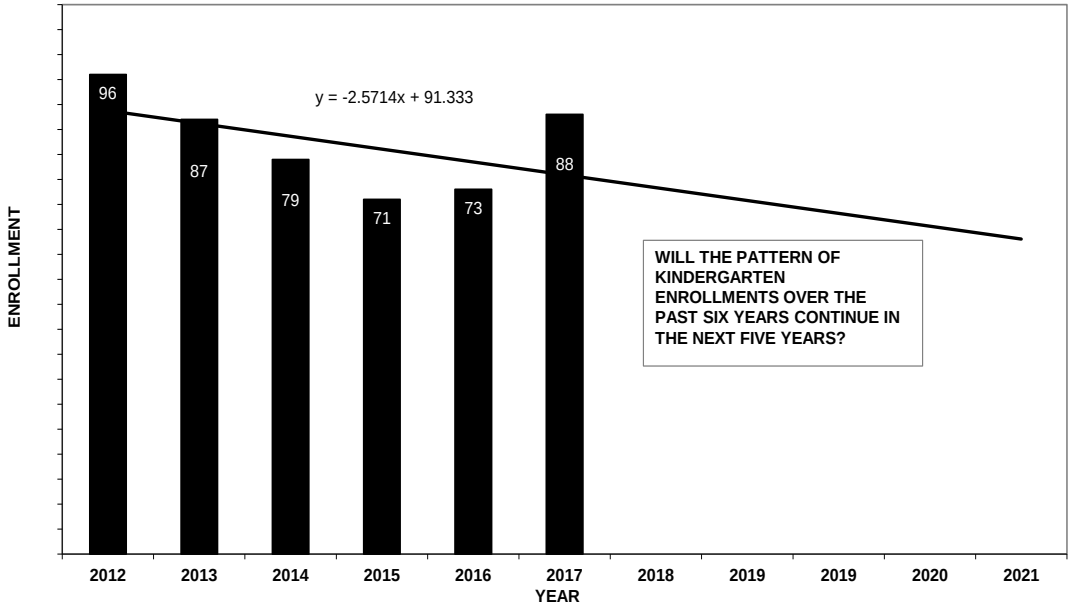


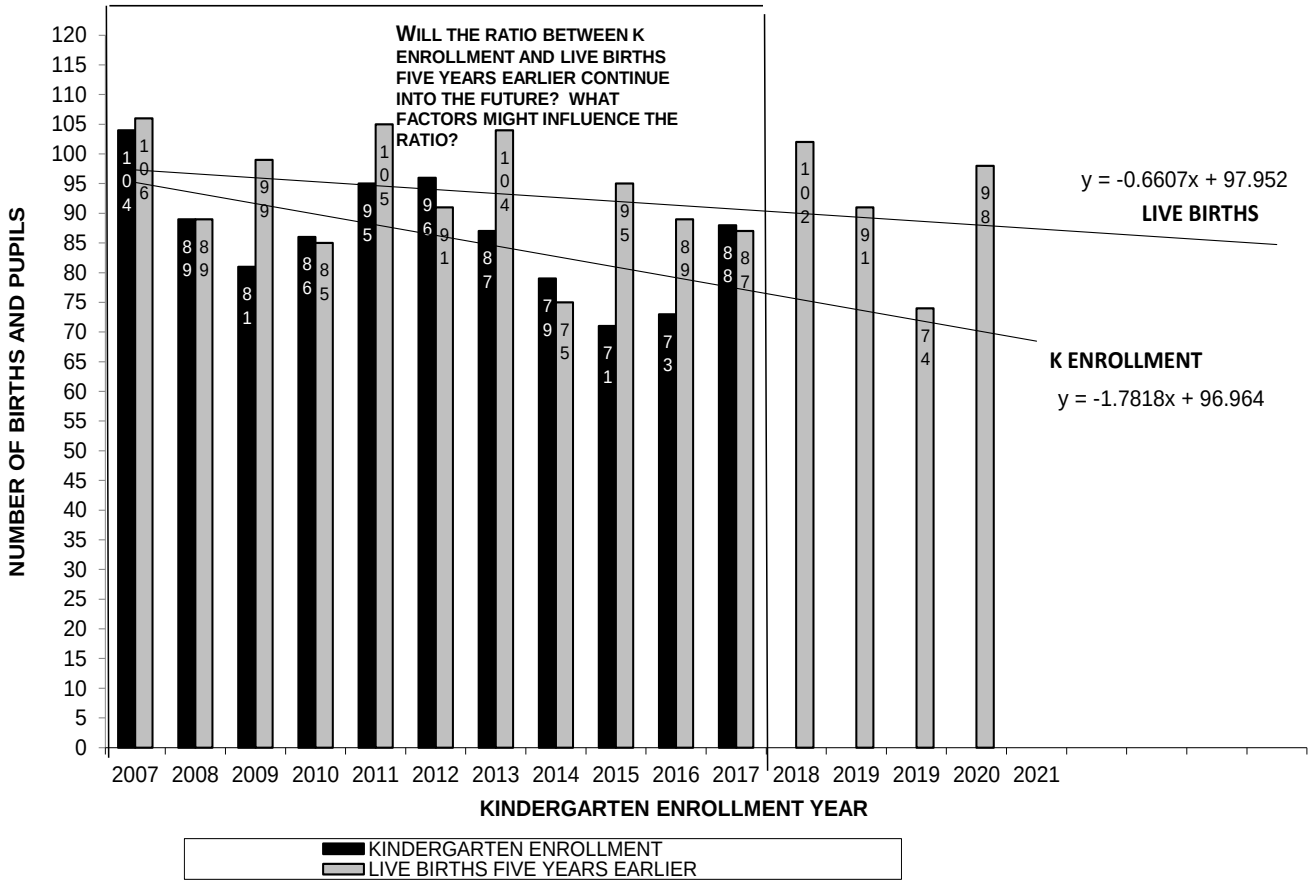
Figure Five below charts the Altmar-Parish-Williamstown Central School District kindergarten enrollment from 2012 through 2017. A decreasing pattern of annual kindergarten enrollments continues over the past six school years at a higher rate (slope -2.5714) compared to viewing enrollment data over the past ten years (slope of -1.1939). Will the pattern of ten years of decreasing kindergarten enrollment in the Altmar-Parish-Williamstown Central School District continue into the future? Will the continued decreasing pattern of kindergarten enrollment over the past six years since 2012 continue into the future?

FIGURE FIVE: APW SCHOOL DISTRICT
KINDERGARTEN ENROLLMENT 2012-2017



One way to suggest possible answers to the questions is to compare the pattern of kindergarten enrollments at Altmar-Parish-Williamstown with the documented live births recorded for the school district enrollment area five years earlier each kindergarten enrollment year. ***Figure Six*** below illustrates the pattern of kindergarten enrollments and the pattern of live births five years earlier each enrollment year. Note that in seven out of the eleven years charted there are fewer kindergarteners who enrolled five years after the number of live births five years earlier. The pattern documents that from 2007 to 2017 the district kindergarten annual enrollments (-1.7818 slope) are decreasing faster than the total live births (-.6607 slope) in the district from 2002 through 2012. The illustrated historical pattern suggests that the impact of any kindergarten enrollments of children who were not born in the district is not likely impacting the pattern of annual kindergarten enrollments since 2007. The illustrated historical pattern also suggests the ongoing influence of children born in the district, but who do not enroll in APW kindergarten when it is time to start school.

FIGURE SIX: PATTERN OF KINDERGARTEN ENROLLMENT AND THE PATTERN OF LIVE BIRTHS FIVE YEARS EARLIER IN THE APW SCHOOL DISTRICT



Annual live birth data for the school district does not exist before 2002. Therefore, comparing kindergarten enrollment numbers with births five years earlier in the district can only reliably be done for ten years from 2007-2016. Given the annual kindergarten-live-birth ratios from 2007-2016, can the pattern of those ratios suggest what might be the kindergarten enrollments in years 2018 through 2022?

The live birth data officially recorded by the New York State Health Department for Oswego County, the towns that make up the Altmar-Parish-Williamstown Central School District, and for the School District enrollment area do provide a documented population factor that can be charted and statistically used to forecast estimated future kindergarten enrollments in the school district. There are no data to identify which specific kindergarten enrollments from 2008 through 2017 were of children not born in the enrollment area served by the school district. Similarly, there are no data to determine specifically how many children born in the school district enrollment area in the years 2003-2012 moved from the area and, therefore, did not enroll in Altmar-Parish-Williamstown kindergarten classes for each year from 2008

through 2017. The study initially assumes that the migration of students both into and out of the town and the district will continue in a similar manner as it has during the years since 2002.

The ***base cohort*** enrollment projection calculations of the study assume the live birth trends and kindergarten trends described above will continue in the same pattern into the future.

KINDERGARTEN ENROLLMENT FORECASTS

Estimating future kindergarten enrollments is the most speculative aspect of projecting K-12 enrollments. However, analyzing historical annual kindergarten enrollments in concert with historical annual live birth data and patterns do reveal a set of defendable estimates of future kindergarten enrollments. These estimated future kindergarten enrollments can be included in the base cohort survival statistic application to project future K-12 enrollments.

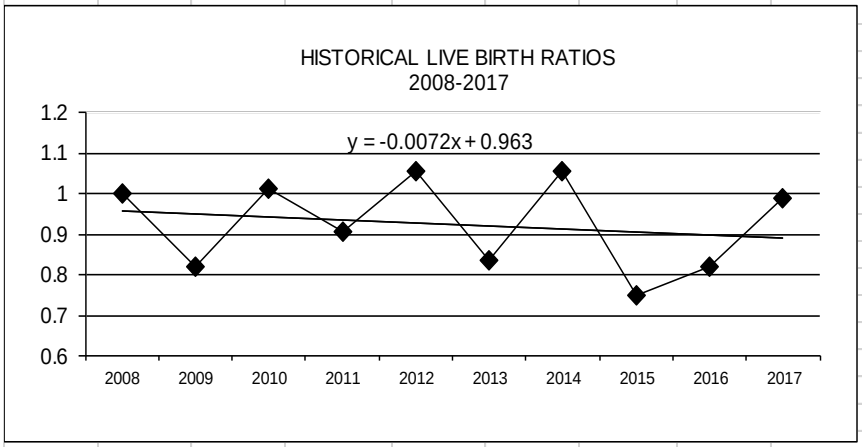
In order to forecast future kindergarten enrollments, ***Table 3*** on the next page first compares the Altmar-Parish-Williamstown kindergarten annual enrollments from 2007 to 2016 to the annual live births in the school district from 2002 to 2012. Ratios are calculated to determine the annual historical pattern of kindergarten enrollment in the Altmar-Parish-Williamstown Central School District compared to all the children born five years earlier in the enrollment area served by the school district. The mathematical comparison of each annual kindergarten enrollment with the total live births five years earlier in the Altmar-Parish-Williamstown enrollment area results in a set of ratios. For example, in 2016 there were 73 students enrolled in the kindergarten class. In 2011, there were 89 live births in the enrollment area of the school district. A ratio of .820225 results from comparing the 2016 kindergarten enrollment of 73 students with the 89 total live births five years earlier. That is, about 82% of the year 2011 live births in the Altmar-Parish-Williamstown enrollment area became Altmar-Parish-Williamstown kindergarten pupils in 2016. From 2003 through 2012, there were 919 births in the Altmar-Parish-Williamstown enrollment area. From 2008 through 2017, there were 843 kindergarten enrollments. The live-birth-kindergarten ratio for this ten-year period is .917301. That is, there were about 8% fewer children enrolled as kindergarten pupils at Altmar-Parish-Williamstown from 2008-2017 than were born in the district from 2003 to 2012. The mean ratio over the ten year period is .923562. The median ratio is .946634. The annual live-birth-kindergarten ratios are subject to at least four variables: one, the number of live births resident in the district; two, the number of preschoolers born in the district who move from the district and do not enroll at APW; three, the number of preschoolers who move to the district and

enroll in the district for kindergarten; and four, the number of preschoolers born in the district or move to the district who do not attend public school for kindergarten.

TABLE 3

**RATIOS OF KINDERGARTEN ENROLLMENTS (2007-2017)
OF THE ALTMAR-PARISH-WILLIAMSTOWN SCHOOL DISTRICT
AND LIVE BIRTHS FIVE YEARS EARLIER (2002-2012)
IN THE ENROLLMENT AREA
OF THE DISTRICT**

COMPARISON YEARS	K ENROLL	LIVE BIRTHS ENROLLMENT AREA	KIND/ BIRTHS RATIO
2007 K STUDENTS TO 2002 BIRTHS	104	106	**0.981132**
2008 K STUDENTS TO 2003 BIRTHS	89	89	**1**
2009 K STUDENTS TO 2004 BIRTHS	81	99	**0.818182**
2010 K STUDENTS TO 2005 BIRTHS	86	85	**1.011765**
2011 K STUDENTS TO 2006 BIRTHS	95	105	**0.904762**
2012 K STUDENTS TO 2007 BIRTHS	96	91	**1.054945**
2013 K STUDENTS TO 2008 BIRTHS	87	104	**0.836538**
2014 K STUDENTS TO 2009 BIRTHS	79	75	**1.053333**
2015 K STUDENTS TO 2010 BIRTHS	71	95	**0.747368**
2016 K STUDENTS TO 2011 BIRTHS	73	89	**0.820225**
2017 K STUDENTS TO 2012 BIRTHS	86	87	**0.988506**



Low, Mid, and High Kindergarten Enrollment Estimates

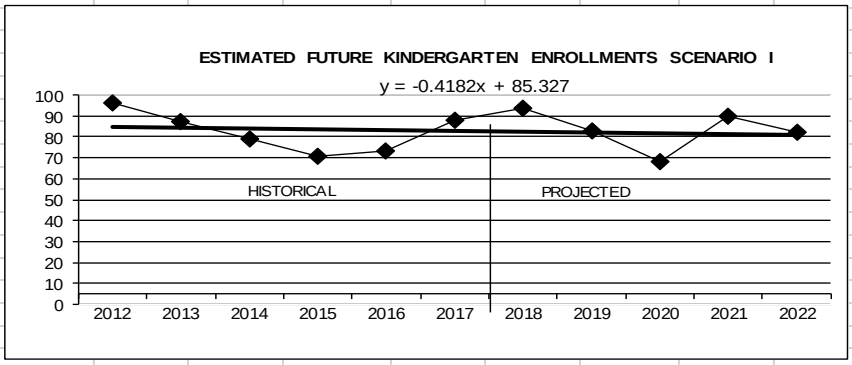
The historical kindergarten enrollments of the Altmar-Parish-Williamstown Central School District and historical live birth data are analyzed three ways. The three analyses form the basis for three kindergarten enrollment forecasts. The three kindergarten forecasts are used to develop Low, Mid, and High K-12 enrollment projection calculations. One forecast (***Table 4***) of future kindergarten enrollments assumes that the live births in the school district enrollment area will continue in the same pattern as it has for the past ten years since 2007. It also assumes that the ratio of total number of enrolled kindergarteners from 2008-2017 with the total number of district live births from 2003-2012 (1.022648) is a historically based

ratio that is possible to expect in the future. Forecast scenario one is the basis for the *high range* enrollment projection calculations *with a view* of *five years into the future for the elementary grades.*

TABLE 4

PROJECTED ALTMAR-PARISH-WILLIAMSTOWN SCHOOL DISTRICT 2018-2027 KINDERGARTEN ENROLLMENTS BASED UPON (A) THE EXPONENTIAL TREND ANALYSIS OF THE TEN YEAR HISTORICAL PATTERN OF ENROLLMENT AREA LIVE BIRTHS FROM 2007 THROUGH 2016 AND (B) THE RATIO DERIVED FROM TOTAL ENROLLMENT AREA LIVE BIRTHS ('03-'12) AND TOTAL DISTRICT KINDERGARTEN

YEAR	PROJECTED K-ENROLL.	YEAR	LIVE BIRTHS ENROLL. AREA	K-ENROLL TO LIVE BIRTH RATIO '08-'17
2018	94	2013	102	0.917301
2019	83	2014	91	0.917301
2020	68	2015	74	0.917301
2021	90	2016	98	0.917301
			PROJECTED LIVE BIRTHS	
2022	82	2017	89	0.917301
2023	81	2018	89	0.917301
2024	81	2019	88	0.917301
2025	81	2020	88	0.917301
2026	81	2021	88	0.917301
2027	80	2022	88	0.917301



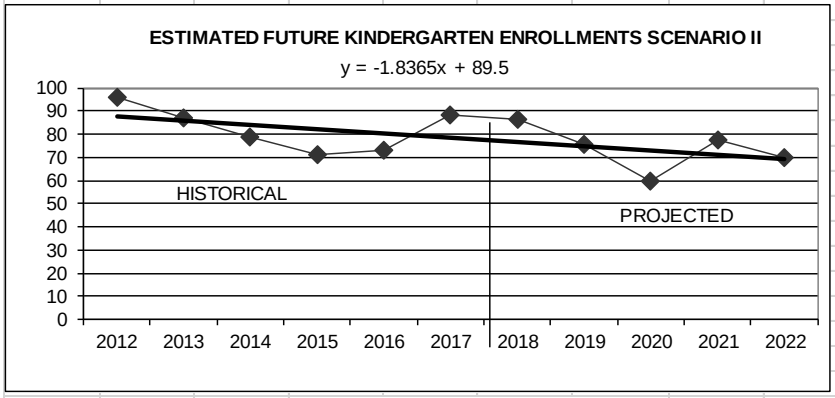
PREMISE FOR HIGH RANGE ESTIMATE

A second forecast of estimated future kindergarten enrollments (***Table 5)*** assumes that the live births in the school district enrollment area will continue in the same pattern as it has for the past six years from 2011-2016. The forecast also assumes that the historical pattern of kindergarten-to-live-birth ratios for the years 2012 through 2017 will reflect the pattern of the kindergarten/live birth ratios from 2018-2022. Forecast scenario two is the basis for the *mid-range* enrollment projection calculations *with a view of five years into the future for the elementary grades.*

TABLE 5

PROJECTED ALTMAR-PARISH-WILLIAMSTOWN SCHOOL DISTRICT 2018-2027 KINDERGARTEN ENROLLMENTS BASED UPON (A) THE EXPONENTIAL TREND ANALYSIS OF THE SIX YEAR HISTORICAL PATTERN OF ENROLLMENT AREA LIVE BIRTHS FROM 2011 THROUGH 2016, AND (B) THE EXPONETIAL ANALYSIS OF THE OF THE KINDERGARTEN-LIVE BIRTH RATIOS FROM 2012-2017

YEAR	PROJECTED K-ENROLL.	YEAR	LIVE BIRTHS ENROLL. AREA	K-ENROLL TO LIVE BIRTH EST. RATIO
2018	86	2013	102	0.84501
2019	75	2014	91	0.82762
2020	60	2015	74	0.81060
2021	78	2016	98	0.79393
			PROJECTED LIVE BIRTHS	
2022	70	2017	90	0.77759
2023	68	2018	90	0.76160
2024	67	2019	89	0.74593
2025	65	2020	89	0.73059
2026	64	2021	89	0.71556
2027	62	2022	89	0.70084

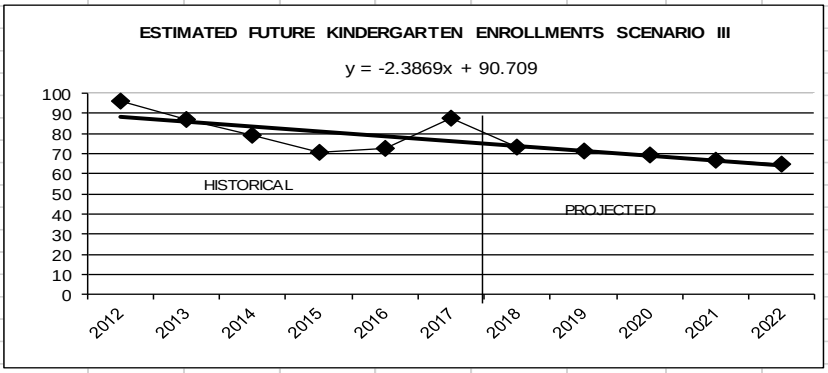


PREMISE FOR THE MID-ESTIMATE

A third forecast of kindergarten enrollments assumes that future kindergarten enrollments will follow the historical pattern of kindergarten enrollments from 2011 through 2016 *without* reference to historical live birth trends or kindergarten-to-live-birth ratio patterns (***Table 6***). Forecast scenario three on the next page is the basis for the *low range* enrollment projection *calculations with a view of five years into the future for the elementary grades.*

TABLE 6
PROJECTED ALTMAR-PARISH-WILLIAMSTOWN SCHOOL DISTRICT
2018-2027 KINDERGARTEN ENROLLMENTS
BASED UPON AN EXPONENTIAL TREND ANALYSIS
OF THE HISTORICAL PATTERN OF KINDERGARTEN ENROLLMENT
DATA FOR THE PAST SIX YEARS 2012-2017

YEAR	PROJECTED K-ENROLL.	YEAR	LIVE BIRTHS ENROLL. AREA	EST. K-ENROLL TO ENROLL. AREA LIVE BIRTH RATIO
2018	74	2013	102	0.721257
2019	71	2014	91	0.784142
2020	69	2015	74	0.935298
2021	67	2016	98	0.685017
			PROJECTED LIVE BIRTHS	
2022	65	2017		
2023	63	2018		
2024	61	2019		
2025	59	2020		
2026	58	2021		
2027	56	2022		



PREMISE FOR THE LOW ESTIMATE

Summary of the Low, Mid, and High* Kindergarten Enrollment Baseline Estimates

Historical Kindergarten Enrollments		Estimated Kindergarten Enrollment Estimate Scenarios			
		School Year	LOW*	MID*	HIGH*
2013	87	**2018**	*74*	*86*	*94*
2014	79	**2019**	*71*	*75*	*83*
2015	71	**2020**	*69*	*60*	*68*
2016	73	**2021**	*67*	*78*	*90*
2017	88	**2022**	*65*	*70*	*82*
Five Year Average	80		69	74	83
Five Year Median	79		69	75	83

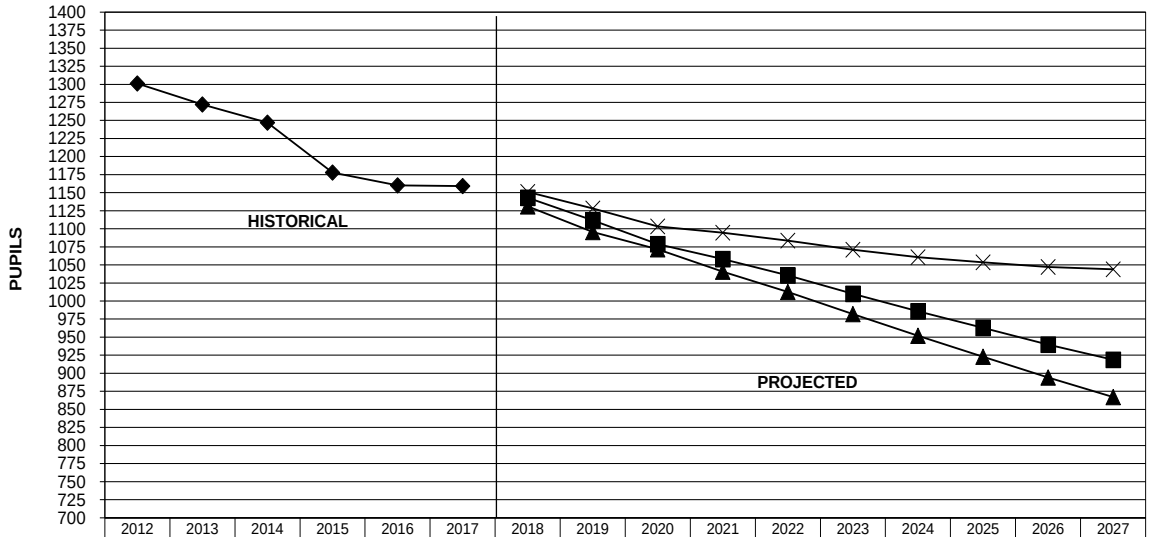
***Note: Low, Mid, High refers to and are defined by the estimates for <u>total K-6</u> enrollment five years from now; see page 31 summary.**

BASELINE K-12 ENROLLMENT PROJECTIONS

Tables 7A, B, and ***C*** in *Appendix B* present Low, Mid, and High range K-12 enrollment projections calculated using the cohort survival statistic. Each calculation is based on historical K-12 enrollments as reported by the school district for each of the school years 2012-2013 through 2016-2017. The historical enrollment data are used to calculate 'percentage of survival' ratios for each grade level K-12. The ratios quantify the rate of change in number of students in a particular grade level compared to the number of students in the next higher grade level in the following year. The 'survival ratios' are averaged for each grade level from 2012-2013 through 2017-2018. The six-year average ratios for each grade level are used to calculate estimated future grade 1-12 enrollments through 2027-28. As noted earlier in the study, the best tools for planning are the enrollment projections for grades K-6 over the next five years, and for grades 9-12 over the next ten years.

The chart below illustrates the low, mid, and high K-12 enrollment projections for the years 2018-2019 through 2027-2028 applying the cohort survival statistic and the three forecast scenarios to estimate future kindergarten enrollments. Please note that since the validity of kindergarten through grade 6 enrollment estimates extends only to five years into the future. The validity of K-12 estimates for 2023-2027 are not as strong as the K-12 estimates for 2018-2022.

GRADES K-12 ESTIMATED BASELINE COHORT ENROLLMENT PROJECTIONS 2018-2027 ALTMAR-PARISH-WILLIAMSTOWN CENTRAL SCHOOL DISTRICT



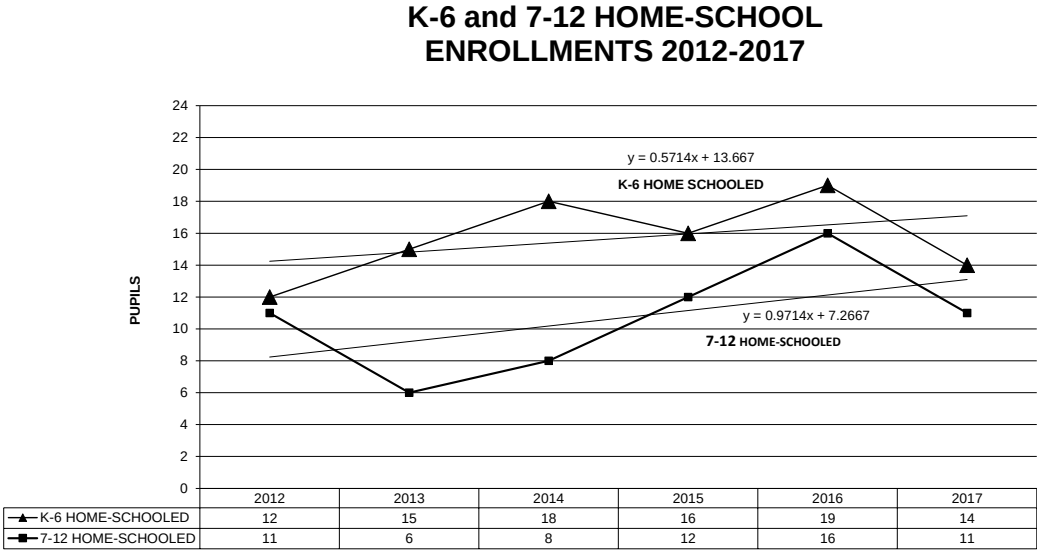
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
HISTORICAL	1301	1272	1247	1178	1160	1159										
BASELINE COHORT LOW RANGE							1131	1095	1072	1041	1012	982	952	923	894	867
BASELINE COHORT MID RANGE							1143	1112	1079	1058	1035	1010	986	963	940	919
BASELINE COHORT HIGH RANGE							1151	1128	1103	1094	1084	1071	1061	1054	1047	1044

DISTRICT ENROLLMENT AND HOME-SCHOOL/NON-PUBLIC/CHARTER SCHOOL ENROLLMENT

The district reports the following *historical non-public school enrollment data and home schooled data* for the school years 2012-2013 through 2017-2018.

SCHOOL YEAR	NON-PUBLIC PRIVATE SCHOOL ENROLLMENT		
	K-12		
2012	na		
2013	na		
2014	na		
2015	7		
2016	5		
2017	5		
SCHOOL YEAR	**HOME SCHOOLED ENROLLMENT**		
	K-6	**7-12**	**TOTAL ENROLLMENT**
2012	12	11	26
2013	15	6	21
2014	18	8	26
2015	16	12	28
2016	19	16	35
2017	14	11	25
SCHOOL YEAR	**CHARTER SCHOOL ENROLLMENT**		
	K-6	**7-12**	**TOTAL ENROLLMENT**
2012	None		
2013			
2014			
2015			
2016			
2017			

The six year historical set of home schooled annual enrollment data suggests the following pattern.



Annual enrollment in private schools is very low for APW since there are very few located within 15 miles of the district. The patterns of home-schooled enrollments at the elementary and secondary level have increased slightly over the past six school years.

No changes, at this time, are made to the baseline enrollment projection calculations because of the pattern of non-public or home schooled enrollments historical pattern since 2012. The district may wish to take a conservative approach in looking at future enrollment of new school-aged population generated by any future estimated influence of the family residence market in the district. On average about 27 APW resident school-age children are home-schooled. A conservative assumption based on the pattern of home schooled enrollment over the past six years is that about 2 to 3% of any new school-aged population expected or estimated to move to the district might be home-schooled instead of enrolling in the public school system.

ENROLLED NON-RESIDENT STUDENTS

No non-resident tuition pupils attend APW.

MIGRATION TO AND OUT OF THE DISTRICT

The historical 'percentage of survival ratios' from grade-to-grade in Tables *7A, B, and C* are reflective of the historical pattern of migration to and out of the school district. Charted below are the school year **net** 'transferred in' and 'transferred out' during the school year K-12 pupil enrollment data for the past six years as provided by the school district. The net change in enrollment during the school year is very small as a percentage. The enrollment changes due to migration are reflected in the enrollment estimated calculations based on the historical pattern of grade level enrollments since 2012 and the rates of 'survival' of the total number of pupils in one grade level into the next grade level the next school year.

	2013-2014			2014-2015			2015-2016			2016-2017		
Grade	**In**	**Out**	**Net**	**In**	**Out**	**Net**	**In**	**Out**	**Net**	**In**	**Out**	**Net**
K-6	49	84	-35	64	74	-10	59	60	-1	56	56	0
7-12	47	57	-10	46	50	-4	37	64	-27	39	57	-18
Totals:	**96**	**141**	**-45**	**110**	**124**	**-14**	**96**	**124**	**-28**	**95**	**113**	**-18**
	1272 K-12 enrollment			**1247 K-12 enrollment**			**1178 K-12 enrollment**			**1160 K-12 enrollment**		
% Rate of transfer in and transfer out	**7.5**	**-11.1**	**-3.5**	**8.8**	**9.9**	**-1.1**	**8.1**	**-10.5**	**-2.4**	**8.2**	**-9.7**	**-1.6**

	Total K-12 Migration				
	IN	**OUT**	**Chg**	**K-12 Enrollment**	***Rate of Annual Migration***
2013-2014	96	141	-45	1272	18.6%
2014-2015	110	124	-14	1247	18.7%
2015-2016	96	124	-28	1178	18.7%
2016-2017	95	113	-18	1160	17.9%
Total over Four School Years	397	502	-105	Average	18.5%

	Total K-6 Migration				
	IN	**OUT**	**Chg**	**K-6 Enrollment**	***Rate of Annual Migration***
2013-2014	49	84	-35	656	20.3%
2014-2015	64	74	-10	642	21.5%
2015-2016	59	60	-1	589	20.2%
2016-2017	56	56	0	580	19.3%
Total over Four School Years	228	274	-46	Average	20.3%

	Total 7-12 Migration				
	IN	**OUT**	**Chg**	**7-12 Enrollment**	***Rate of Annual Migration***
2013-2014	47	57	-10	616	16.9%
2014-2015	46	50	-4	605	15.9%
2015-2016	37	64	-27	589	17.1%
2016-2017	39	57	-18	580	16.6%
Total over Four School Years	169	228	-59	Average	16.6%

Observations and possible discussion questions:

- The net impact of 'transfers in' and 'transfers out' on the total end-of-the-year K-12 enrollment of the district ranges from -14 pupils to -45 pupils over the past four years.
- There is a 'turnover' of about 19 out of each 100 enrolled pupils annually over the past four years at Altmar-Parish-Williamstown K-12.
- On-average, Altmar-Parish-Williamstown has about 19% of its annual K-12 pupil enrollment changing from after school starts in September through the end of the school year on June 30. What are the resources necessary to achieve the logistics of such an estimated in-out migration of pupils annually? What is the impact on pedagogy, program delivery, and resources to serve in-migration pupils after the school year starts? What is the impact on pedagogy, program delivery, and resources to serve out-migration pupils after the school year starts?
- There is a 'turnover' of about 21 out of each 100 enrolled pupils over the past four years at grades K-6. The 7-12 turnover is about 17 out of each 100 enrolled pupils. How does the pupil 'turnover' influence the delivery of the program at the various grade levels particularly at grades K-6 with the highest average annual turnover rate of over 20%?

- The historical data suggest that resident pupils are not leaving the public school for non-public settings and vice-versa. The high school drop-out rates for Altmar-Parish-Williamstown do not suggest a changed pattern of non-completers as a factor in the out-migration of 7-12 pupils. The district may want to begin to chart the reasons for out-migration and in-migration at K-6 and 7-12 in order to analyze possible opportunities/challenges for the district regarding population/enrollment changes in the future.

DISTRICT ENROLLMENT AND DROPOUT RATES/NON-COMPLETION RATES

Charted on the next page are the non-completion rates since 2011-2012 for the Altmar-Parish-Williamstown Central School District as published by the New York State Education Department.

HIGH SCHOOL NON-COMPLETION RATES FOR ALL ALTMAR-PARISH-WILLIAMSTOWN STUDENTS*

YEAR	# DROPPED OUT	# ENTERED GED PROGRAM	TOTAL NON-COMPLETERS
16-17	10	0	10
15-16	15	0	15
14-15	9	0	9
13-14	14	1	15
12-13	17	0	17
11-12	14	1	15
Totals over six years	**79**	**2**	**81**

*Non-completion and GED rates are also recorded for 'Students with Disabilities' and 'General Education Students' separately by the SED. The rates are combined in this summary chart and are reflective of 'All Students'.

The dropout rate and the 'non-completer' rate protocol are factors to review as part of enrollment projection studies. The factors give insight about how many students leave enrollment before they become high school completers. A source of added school district enrollment is the success of the school district through program and academic intervention efforts in keeping existing enrollment as long as possible to culminate in high school graduation. Enrollment of students in a GED course of study is not viewed by SED as a program and academic intervention to keep enrollees in the 'public school system' since such GED enrollees are identified as 'noncompleters.' The State Education Department graduation data charted above for the past six years shows that Altmar-Parish-Williamstown has about 14 non-completers per school year. The district provides ongoing coordinated efforts to help all pupils complete graduation requirements. Such efforts include 'Response to Intervention' processes at the elementary school level. Student data are analyzed by a team to diagnose any academic gaps that a student might have and to offer strategies to teachers to help fill the instructional gap for that student. Communication

with parents including home visits take place to encourage consistent school attendance. Academic Intervention Services are tailored to address student learning difficulties. At the secondary level there are alternative education programs provided regionally. Online opportunities such as APEX and GradPoint are available to students needing to achieve missing graduation credits. On-going communication efforts with parents to keep them knowledgeable of the progress of their pupils. The high school is reviewing the use of a 'child study team' approach to ensure the identification of all students at-risk to develop specific interventions for each pupil to help each pupil graduate.

No changes, at this time, are made to the baseline enrollment projection calculations because of the potential of decreasing the number of non-completers in the future. There are about 90 to 100 pupils yearly in the senior class at APW. Over the past six years almost the equivalent of one annual senior class total enrollment has not completed with a high school diploma. The ongoing discussion in the district about how to help all pupils succeed may identify other elements of the Academic Intervention Program K-12 that may reduce the on-average 14 non-completers annually, and thus increase the enrollment at the high school.

PERSPECTIVE OF THE CURRENT HOUSING MARKET IN THE SCHOOL DISTRICT

A step in preparing this study is to interview one or more realtors referred by the school district as community respected real estate professionals knowledgeable about the housing market in the APW School District.

The Board recommended that Mr. Russell Partrick of Land and Trust Realty be contacted. Mr. Partrick shared that over the past few years there has been a low inventory of housing for sale in central Oswego County including the Altmar-Parish-School District area. He describes that the primary home buyer are those who are already residents wishing to make a lateral move. The bulk of the clients are those who wish to move from 'big' to 'smaller' in the same community. The also include households who wish to move from 'small' to 'larger' due to a growing family. Very few house buying or selling clients are those wishing to move in from another area or wishing to move out from their existing APW community. The low inventory of houses for sale to be sold usually quickly. Homes with good infrastructure in the $110,000 to $130,000 range have been the best-selling niche for the district and area.

Mr. Partrick's time and insights as a realtor are sincerely appreciated as assets to the study.

POTENTIAL IMPACT OF EXPECTED NEW UNITS TO THE HOUSING MARKET ON FUTURE SCHOOL DISTRICT ENROLLMENTS

The Planning/Codes Officials from the nine Towns and one Village in which APW is located were interviewed. The study sincerely thanks the respective Planning/Codes Officials for their time, accessibility, and information. Charted below is the current information about residential construction in the Altmar-Parish-Williamstown geographical attendance area.

Town	
Albion	2 seasonal unit applications received; no residential applications on record
Amboy	No unique permits, projects in review or discussed.
Hastings	No permits in review, approved, or started.
Mexico	No unique permits, projects in review or discussed.
Orwell	No permits in review, approved or started.
Parish (including village)	No permits in review; usually 2 to 3 housing permits a year; no outlook for major residential construction. If someday municipal water is available, it may influence housing starts. There is discussion, but no formal plan of implementation is in place at this time.
Richland	No permits in review, approved or started.
West Monroe	Possibly one residential unit at border on County Rt. 11
Williamstown	Some discussion about converting the old school to apartments. It is 'an off and on' discussion. No planning application or other step in process. There are about 3 to 7 residential permits granted in a typical year.

An enrollment projection study needs to take a conservative in estimating the potential influence of the new residential market on future enrollments. *Long-Range Facilities Plans-Reference Guide #A.6,* published by the State Education Department, counsels that:

> *Any extensive change in new local housing construction within the school district will inevitably influence student enrollment projections. However, a word of caution is raised here. Only evidence of sales or contracted construction should modify any basic enrollment projection.*

As of March 1, 2018 there are no documented data about the addition of additional residential units in large volume that may influence future enrollments of the APW School District. Therefore, the baseline enrollment projections provided by the study are unchanged due to documented new residential construction and the possible influx of new population to the district because of new housing availability. If large future housing developments (50 plus units) are built in a fast paced manner (three years or less), then a case can be made that such new residential unit construction is not 'normal and usual' for the district. If large, fast paced projects become documented, then it is suggested that the Baseline Cohort Survival calculations be recalculated to reflect the estimated new school age population influenced by a robust housing market as ***'added'*** *new school-age population* ***above*** *the baseline enrollment projection estimates.*

A simple approach to discuss the possible impact of new large scale residential unit construction, before analyzing the potential construction impact over time in a comprehensive manner, is based on the current demographics of the district assuming those demographic characteristics will continue into the near future.

For example, the Census demographics of APW suggest that each household in the district on-average includes about .5 public school students. About one-third of all APW households have one or more people under age 18. On-average such households have 1.27 residents 18 years of age or younger. About 30% of all households in APW are family households with own children under 18. APW family households have on-average 1.47 children under age 18. Each future major residential construction development should be evaluated at the time of permit issuance as to its possible impact on the enrollment of the School District over time K-6 and 7-12.

SNAPSHOT OF SCHOOL DISTRICT DEMOGRAPHICS

The boundaries of the Altmar-Parish-Williamstown Central School District include 167.99 square miles. Listed below are demographics about the geographic area and 'school district community' served by the school district. The demographic data can be helpful in the short-range and long-range planning discussions of the district. The data are from the 2011 and 2016 American Community Survey 5-year estimates specific to the Altmar-Parish-Williamstown Central School District geographic service area. The American Community Survey provides estimates over a period of time which describe the average characteristics of a population of a specific locale over a set period of data collection.

Demographic Characteristic	**Altmar-Parish-Williamstown CSD (2007-2011)**	**Altmar-Parish-Williamstown CSD (2012-2016)**	
Total Population	7589	7393	About 200 fewer residents; -2.6%
Median age	37.3	40.8	Under what is considered 'childbearing years'
Under 5	6.7%	6.1%	All child-age population cohorts smaller.
5 to 9	7.4%	7.2%	
10 to 14	8.1%	6.5%	
15 to 19	7.7%	5.9%	
20 to 44	30.9%	29.9%	Slightly smaller population in prime childbearing years.
45 to 64	28.9%	31.1%	
65 to 84	9.5%	12.2%	Noticeable increase
85 and over	.8%	1%	
Total Households	2738	2664	2012 public school enrollment of 1301; on average .48 public school pupils per household 2017 public school enrollment of 1159; on average .44 public school pupils per household

Demographic Characteristic	**Altmar-Parish-Williamstown CSD (2007-2011)**	**Altmar-Parish-Williamstown CSD (2012-2016)**	**Demographic Characteristic**
Family Households	1995	1896	72.9% of all households in 2011; 71.2% in 2016. 2012 public school enrollment of 1301; on average .65 public school pupils per family household 2017 public school enrollment of 1159; on average .61 public school pupils per family household
Family households with own children under 18 years	954	789	34.8% of all households in 2011; 29.6% in 2016. 2012 public school enrollment of 1301; on average 1.36 public school pupils per family household with own children under 18 years. 2017 public school enrollment of 1159; on average 1.47 public school pupils per family household with own children under 18 years.
All of households with one or more people under 18 years	1078	912	39.4% of all households in 2011; 34.2% in 2016. 2012 public school enrollment of 1301; on average 1.21 public school pupils per household with one or more children under 18 years. 2017 public school enrollment of 1159; on average 1.27 public school pupils per household with one or more children under 18 years.
Non-family households	743	768	27.1% of the total households in 2011; 28.8% in 2016
Householder living alone	578	508	21.1% of the total households in 2011; 19.1% in 2015
Householder living alone 65 years and older	205	183	7.5% of the total households in 2011; 6.9% in 2016
All of households with one or more people 65 years and older	584	732	21.3% of the total households in 2011; 27.5% in 2016
Average household size	2.77	2.78	'Same' household sizes
Average family size	3.20	3.12	Smaller family household sizes.
Number of women 15 to 50 years old who had a birth in the past 12 months	132	130	
% high school graduate or higher	84.5%	82.8%	
% bachelor's degree or higher	9.7%	11.6%	
Place of birth of total population; Foreign Born	.7%	1.1%	Slight increase in foreign born school district population.
Speak English 'less than very well' population 5 years and older	.6%	1.1%	Speak English 'less than very well' population 5 years and older

Demographic Characteristic	**Altmar-Parish-Williamstown CSD (2007-2011)**	**Altmar-Parish-Williamstown CSD (2012-2016)**	
Speak English 'less than very well' population 5 years and older	.6%	1.1%	
Total housing units	3580	3538	
1 unit attached and detached	71.1%	69.2%	
2 units	2.3%	2.2%	
3 or 4 units	.9%	1.1%	
5 to 9 units	.6%	1.1%	
10 to 19 units	0	0	
20 or more units	.1%	.1%	
Housing units with 3 or more bedrooms	2214	2282	Increase in what traditionally has been considered 'family sized' housing units.
Owner occupied	84.4%	83.9%	Slight decrease in owner occupied housing.
Housing Units with a mortgage	59.8%	60.1%	
Housing Units without a mortgage	40.2%	39.9%	
Renter occupied	15.6%	16.1%	Slight increase in rental housing.
Average size of owner occupied units	2.73	2.71	
Average size of renter occupied units	3.01	3.13	Larger rental households.
Percentage of owner occupied units with a value of $50,000 to $149,999	80.8%	78.3%	
Percentage of owner occupied units with a value of $150,000 to $199,999	10.9%	12.1%	
Demographic Characteristic	**Altmar-Parish-Williamstown CSD (2007-2011)**	**Altmar-Parish-Williamstown CSD (2012-2016)**	
Occupation: Management, business, science, and arts occupations **24.9%** Sales and office occupations **22.8%** Production, transportation and material moving occupations **21.7%** **Industry:** Educational services, and health care and social assistance **20.9%** Manufacturing **15.6%** Retail trade **13.2%**		**Occupation:** Management, business, science, and arts occupations **25.5%** Sales and office occupations **22%** Production, transportation and material moving occupations **21.5%** **Industry:** Educational services, and health care and social assistance **23.4%** Manufacturing **15.8%** Retail trade **14.6%**	

Demographic Characteristic	Altmar-Parish-Williamstown CSD (2007-2011)	Altmar-Parish-Williamstown CSD (2012-2016)	
Median household income	$49,877	$50,758	
Mean household income	$57,490	$62,547	
Median family income	$54,406	$52,329	Lower median family income.
Mean family income	$62,021	$67,171	
Median non-family income	$30,375	$37,222	
Mean non-family income	$39,942	$44,446	
Population with health insurance	na	90.4%	
PERCENTAGE OF FAMILIES AND PEOPLE WHOSE INCOME IN THE PAST 12 MONTHS IS BELOW THE POVERTY LEVEL			
All families	8.9%	13.8%	Over a 50% increase.
With related children under 18 years	15.6%	24.8%	
Families in poverty with female householder, no husband present	24.9%	38.2%	
With related children under 18 years	35.4%	53.3%	
All people	12.2%	18.5%	
Under 18 years	20.2%	29.6%	Almost a 50% increase.

Listed below are ***example*** discussion questions based on the Census data that Altmar-Parish-Williamstown might include in its deliberations as it plans for the future.

- About 29.9% of the school district population is at prime childbearing age. In 2011 about 30.9% of the population was at prime childbearing age. What are some possible impacts on the school district if the population continues to transition to include a larger child-bearing aged cohort? A smaller child-bearing cohort? Short Term? Long term? What changes in the housing market might influence the child-bearing age cohort in the school district?
- The estimated median age of the district is 40.8 years, which is below what is considered prime childbearing years (44 years of age). In 2011, the median age was 37.3 years. What are some possible impacts on the school district if the housing market does not encourage residents in their prime child-bearing years to move to the district or remain residents of the district? What are some possible impacts on the school district if the median age of residents increases? Decreases?
- In 2011, 21.3% of the total households in the Altmar-Parish-Williamstown Central School District have one or more persons 65 years or older. In 2016, 27.5% of total households in Altmar-Parish-Williamstown have one or more persons 65 years or older. What do these data suggest about community programs offered and communication efforts with these stakeholder households in the school district?

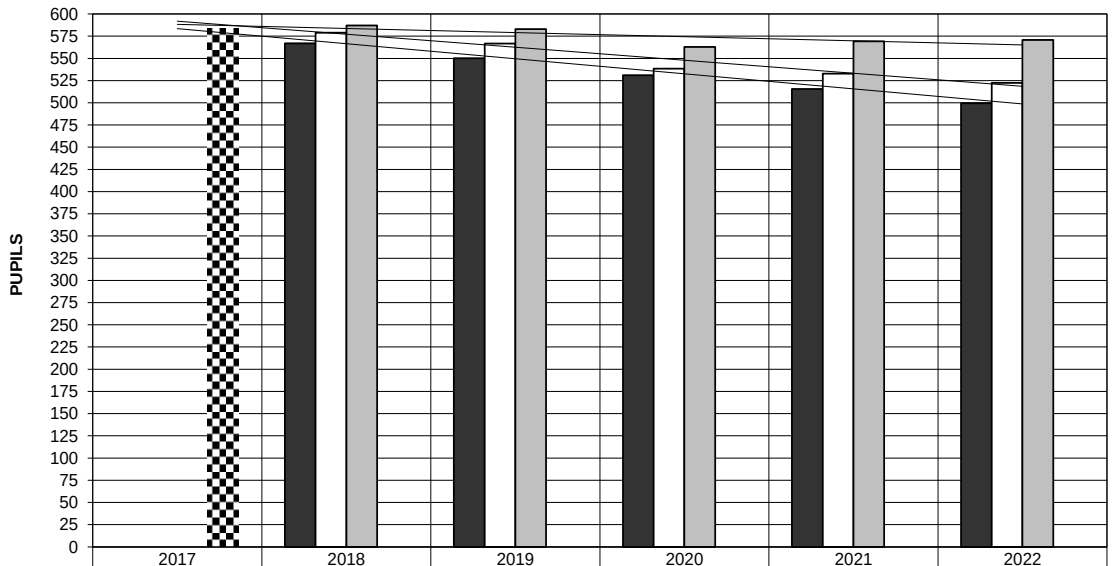
- Are there any noticeable dichotomies of opinions about the school district by the 34 out of 100 households with children under 18 and the 66 out of 100 households with no children under 18?
- The median household income is about 8% lower than the median family income in the Altmar-Parish-Williamstown School District. The average household income is about 7% lower than the average family income in the Altmar-Parish-Williamstown School District. The average non-family income is about 35% lower than the average family income. Has this disparity in family and non-family incomes caused a noticeable difference in expectations for education by segments of the community? If not, what communication or program efforts by the district have proven successful in nurturing support by stakeholders across the economic spectrum?
- How might the following demographic differences between 2011 and 2016 influence such school district topics as: general public communication about programs/goals of the district? Programs and projects for non-school age residents? Information and outreach to all taxpayers, especially to households without a direct service connection with the school district?
    - ✓ The 2016 data have the number of households in the district decreasing compared to 2011. The number of public school pupils per household in 2016 is smaller compared to the 2011 data. (.48 per household in 2011; .44 in 2016).
    - ✓ The 2016 data have the number of family households decreasing and the number of public school pupils per family households is also decreasing compared to the 2011 data.(.65 vs. .61)
    - ✓ The 2016 data have the number of family households with own children under 18 years of age decreasing by 5.2% and the number of public school pupils per such households is increasing to 1.47 compared to the 2011 data of 1.36.
    - ✓ The 2016 data have the number of all households with one or more people under 18 years of age decreasing and the number of public school pupils per such households increasing compared to the 2011 data. (1.27 vs. 1.21)
    - ✓ The 2016 data have the number of nonfamily households increasing slightly compared to the 2011 data. (28.8% vs. 27.1%)
    - ✓ The 2016 data have the number of householders living alone decreasing by about 2% compared to the 2011 data.
    - ✓ Twenty out of every 100 residents under 18 years were in poverty in 2011. About thirty out of every 100 residents under 18 years were in poverty in 2016. How might school programs and services delivery be influenced if the rate of poverty increases among the school-aged population?

SUMMARY OF K-12 ENROLLMENT PROJECTION DATA CALCULATIONS

The charts that follow summarize the enrollment projection calculations through 2027-2028 undertaken in this study. The estimates are based on the application of the cohort survival statistic and annual total live birth analysis to project potential kindergarten enrollments in the future. The enrollment estimates are projections and not predictions. Projections for the immediate future are more reliable than those for years further in the future. Enrollment projection totals for K-6 and for 7-12 are more reliable than are those for specific grade levels in specific years. Primary focus should be given to estimates five years into the future for grades K-6, and ten years into the future for grades 7-12. The projections do offer a starting point for analyzing and understanding the elements of future school district demographic change.

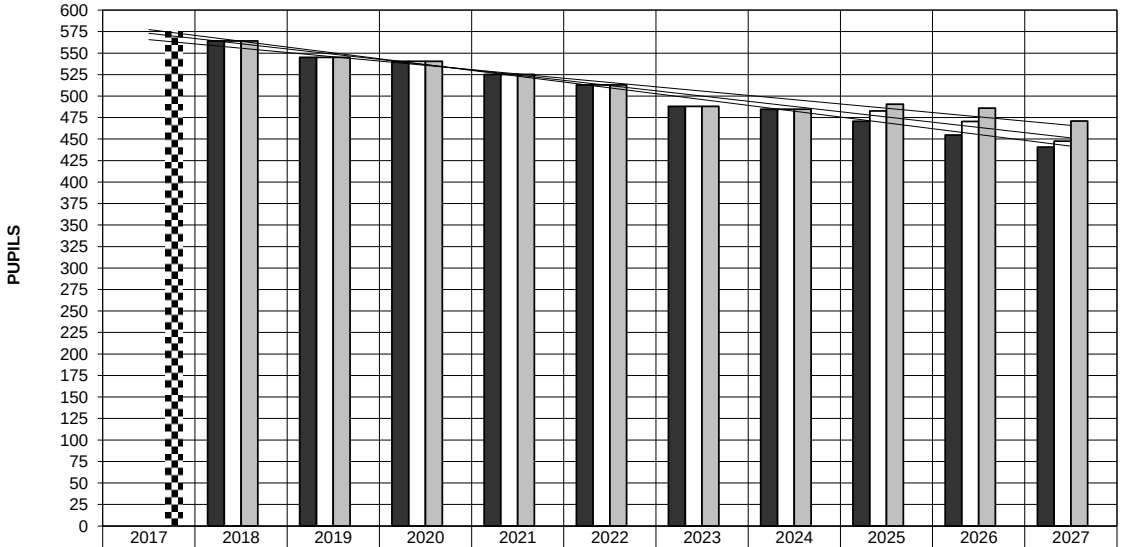
BASELINE COHORT ENROLLMENT ESTIMATES

GRADES K-6 ESTIMATED ENROLLMENT SCENARIOS 2018-2022



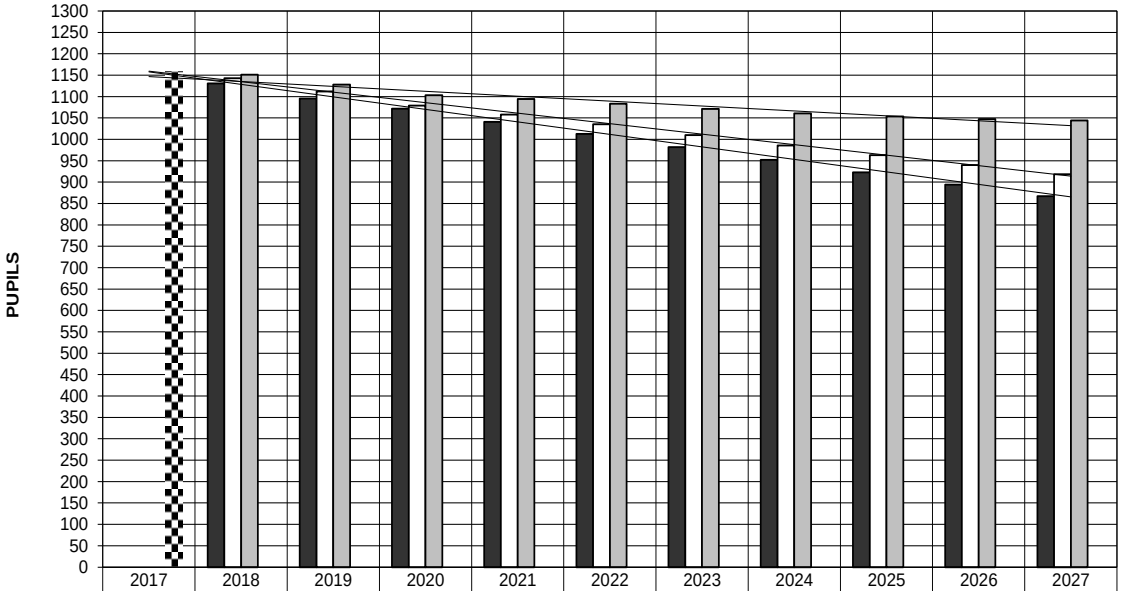
	2017	2018	2019	2020	2021	2022
BASE COHORT LOW RANGE		567	550	531	515	500
BASE COHORT MID RANGE		579	567	538	533	523
BASE COHORT HIGH RANGE		587	583	563	569	571
CURRENT 2017-2018 ENROLLMENT	584					

GRADES 7-12 ESTIMATED ENROLLMENT SCENARIOS 2018-2027



	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
BASE COHORT LOW RANGE		564	545	540	525	513	488	485	471	455	441
BASE COHORT MID RANGE		564	545	540	525	513	488	485	483	470	447
BASE COHORT HIGH RANGE		564	545	540	525	513	488	485	491	486	471
CURRENT 2017-2018 ENROLLMENT	575										

GRADES K-12 ESTIMATED ENROLLMENT SCENARIOS 2018-2027



	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
BASE COHORT LOW RANGE		1131	1095	1072	1041	1012	982	952	923	894	867
BASE COHORT MID RANGE		1143	1112	1079	1058	1035	1010	986	963	940	919
BASE COHORT HIGH RANGE		1151	1128	1103	1094	1084	1071	1061	1054	1047	1044
CURRENT 2017-2018 ENROLLMENT	1159										

The tables below are a helpful resource as the district undertakes its ongoing short and long-range planning efforts regarding its vision for the educational program to be delivered and the use of the school building assets of the district. The highlighted estimates follow SED planning guidelines with regard to applying enrollment projections to anticipated space needs in the future. **Commissioner's Regulation 155.1 requires districts to match facility planning with the estimated grades K-6 enrollment five years into the future, 7-8 enrollment (if served in a separate building from 9-12) eight years into the future, and estimated grades 9-12 or 7-12 enrollment ten years into the future.** Building Aid Units for State building aid on approved capital projects are based on the enrollment estimates outlined in the Regulations. It is suggested that the high range projections be used to base pupil capacity need in the future with facility planning. The low enrollment projection estimates can be a tool to estimate conservatively potential impact on existing staff and program offerings in the short term if enrollments decrease. The mid-range projection (with an eye on the high range projection) often can be a good tool to project potential impacts on district financials. In summary, the projections suggest that:

	BASE COHORT ENROLLMENT PROJECTIONS
K-6	○ **Grades K-6 enrollment** may decrease by about 15 pupils over **the next 5 years** per the most optimistic estimate. The most conservative estimate suggests an enrollment of about 84 fewer pupils in five years compared to 2017-2018.
Grades 7-12	○ **Grades 7-12 total enrollment** may decrease by about 100 pupils over **the next 10 years** per the most optimistic estimate. The most conservative estimate suggests 7-12 enrollment may decrease by about 135 pupils in ten years compared to 2017-2018.

***Note: Low, Mid, High refers to and are defined by the estimates for <u>total K-6</u> enrollment five years from now in 2022-2023.**

Calculation	Year	K-6	Grades 7-12
CURRENT ENROLLMENT	2017-2018	584	575
Baseline Cohort Low Range*	2020-2021	531	540
	2022-2023	500	513
	2025-2026		471
	2027-2028		441
Baseline Cohort Mid-Range*	2020-2021	538	540
	2022-2023	523	513
	2025-2026		483
	2027-2028		447
Baseline Cohort High Range*	2020-2021	563	540
	2022-2023	571	513
	2025-2026		491
	2027-2028		471

Highlighted estimates in the chart on the previous page follow SED planning guidelines with regard to applying enrollment projections to plan anticipated space needs in the future and the estimated Building Aid Units that may be applied to calculate State Building Aid to help financially support a capital project.

Side Note Regarding Pre-K Enrollment

Unlike Kindergarten, which has evolved into a defacto 'compulsory' enrollment grade for which State attendance aid is given to a district, Pre-kindergarten program enrollment rests solely on the availability of such a program at the discretion of a school district and the volition of the parents or guardians to have their children attend.

Altmar-Parish-Williamstown has valued and offered a Pre-Kindergarten program since 2007. Listed below are the historical enrollments since 2009.

	2007	**2008**	**2009**	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**
UPK-4 year olds	31	28	30	24	22	36	36	36	18	18	36
Pre-K									17	20	20
TOTAL SERVED	**21**	**28**	**30**	**24**	**22**	**36**	**36**	**36**	**45**	**38**	**56**
Estimated 4 year old population based on District live birth history four years earlier Pre-K enrollment (new residents not born in the district are not included in the live birth numbers recorded.)	*89*	*99*	*85*	*105*	*91*	*104*	*75*	*95*	*89*	*87*	*102*

In 2017-2018 the district is serving an estimated 50% (56/102) of the estimated eligible four year old residents based on historical live birth data for the district enrollment area. If sufficient resources and class sections are available, setting a service goal for a Pre-Kindergarten program to serve about 70% of eligible resident pupils is suggested to be reasonable and diligent since participation is at the sole choice of the parents/guardians. Seldom do *all* eligible Pre-K pupils enroll in an available Pre-K program opportunity.

ESTIMATED FUTURE ENROLLMENTS COMPARED TO EXISTING PUPIL CAPACITY OF THE SCHOOL BUILDINGS

The enrollment projection estimates suggest the ranges of pupil capacity that may likely be needed into the future. Pupil capacity is benchmarked to how the APW program is implemented in 2017-2018 (see the *APW CSD Pupil Capacity Analysis Study, March, 2018).* The tables below estimate the potential impact on current pupil capacity using the ***baseline*** enrollment projections for grades K-6 five years into the future, and for grades 9-12 ten years into the future.

Estimated K-5 Enrollments and Pupil Capacity in 2022-2023; five years from now			
Grades K-6 *(October 2017 enrollment)*	**Functional Operating Capacity Given how the Program is Implemented/Deployed Guided by the Local District Class Size GOALS**	**Estimated Enrollment in 2022-2023 (low to high projections):**	**Estimated Unused Pupil Capacity in five years in 2022-23 with the <u>current</u> grade level and school building configurations:**
APW Elementary K-6 *(584)*	687	500 - 571	**<u>Under</u> available operating pupil capacity <u>by</u> <u>116 to 187 or by 16.9% to 27.2%</u>**

Estimated 7-12 Enrollments and Pupil Capacity in 2027-2028; ten years from now			
Grades 7-12 *(Sept. 2017 enrollment)*	**Functional Operating Capacity Given how the Program is Implemented/Deployed Guided by the Local District Class Size GOALS**	**Estimated Enrollment In 2027-2028 (low to high projections):**	**Estimated Unused Pupil Capacity in ten years in 2027-2028 with the <u>current</u> grade level and school building configurations:**
APW Junior/Senior High School 7-12 *(576)*	721	441 - 471	**<u>Under</u> available operating pupil capacity <u>by</u> <u>250 to 280 or by 34.7% to 38.8%</u>**

CAUTIONS CONCERNING ENROLLMENT PROJECTION ESTIMATES

All enrollment projections for more than five years into the future have inherent uncertainties because the assumptions on which they are based can be affected by changes in human behavior, by the economy, or by other events. Elementary age enrollment estimates *more than five years* into the future, in particular, have lower reliability than estimates for grades 7-12. Key factors of population change relating to school enrollments are often interrelated and can multiply as one or more factors unexpectedly change or change significantly from their status at the time of this study. Future enrollments are positively affected by:

- Added births in the district and the resulting added kindergarten enrollments.
- The reductions or increases in private school/home-school/charter school enrollments.
- The increase in the enrollment retention of students through grade 12 as completers of a diploma program.
- A robust employment market that can attract new residents with children and/or who are at childbearing age.
- A robust housing market that can attract new residents with children and/or who are at childbearing age.
- Increased enrollment of tuition students from other school districts.

Similarly, future enrollment projections can be negatively affected by the antitheses of the same variables. Therefore, the enrollment projection estimates should be revisited and updated yearly if there are any major changes in: the assumptions that base the methodology of this study; the annual live birth data for the district; major shifts in the housing market and employment market opportunities from what has been

expected; changes in the educational program offered; and/or changes in the non-public school, charter school, or out of school district enrollments by Altmar-Parish-Williamstown School District residents; or major immediate changes to the numbers of pupils tuition from other school districts.

USE OF THE ENROLLMENT PROJECTION DATA FOR PLANNING

The *Enrollment Projection Calculations* provide sets of estimates about future K-12 enrollments ranging from 'low' to 'high' based on defined assumptions and historical patterns of population and enrollment data. It is suggested that the Board of Education and the school district leadership team discuss the projection scenarios and come to consensus with the community about what the *school district and the community* believe about the local future—will the "glass be filled, half-filled or half empty?" with regard to such items as increased numbers of tuition pupils, new residential construction, new population to the district, and increased jobs within commuting distance of the district.

Most critical to successful long range school program and facility planning is defining the vision of the program the Board and community expect to provide to the students of the district. Facility form follows program function. A successful long-range facility plan occurs when the planning is viewed as a 'curriculum project' that defines and plans the program for delivery to all pupils regardless of the total enrollment size of the district. Once the curriculum vision is defined, a facility plan is only then a 'brick and mortar' plan. What are the implications of the Board and community's pupil program vision on the current facilities of the school district? With stable future student enrollments? With likely decreasing student enrollments over at least the next five years?

Is there a gap between the current pupil capacities of the school buildings and the estimated enrollments to be served five, eight and ten years into the future? Is there a gap between the Board's future vision for the pupil program, the pupil capacity of the facilities, and the values that guide how the program is implemented currently?

Appendix A:

DEMOGRAPHIC-ECONOMIC CHARACTERISTICS PROFILE BASED ON CENSUS BUREAU DATA:

A TOOL TO HELP PLAN AND DISCUSS THE FUTURE

for the

ALTMAR-PARISH-WILLIAMSTOWN CENTRAL SCHOOL DISTRICT

Prepared by: Dr. Paul M. Seversky

"Custom tools and research to aid a school district in defining a vision and decision options for serving students in the future."

Introduction and Overview

This report provides a summary of demographic-economic characteristics for the Altmar-Parish-Williamstown Central School District.

Demographic-economic data in this report provide insights into "where we are now." The selection, scope, organization, and content of these data provide a basis for examining challenges and opportunities that lie ahead. The data provide information for decision-makers and stakeholders to determine how they might benefit from plans and actions implemented now or scheduled for the future. The data provide a basis for collaborative planning among community/business stakeholders and leaders. These data can provide measures of how things have changed since an earlier point in time – often based on data from Census 2010. Assessing this change, and considering current and prospective change, provide insights into the future – how much might things change, at what time, by how much and where – and how might this change impact us?

The demographic-economic behavior of an area does not happen in a vacuum. It is important to understand the make-up and dynamics of the area around us. What is similar or dissimilar in the broader or adjacent area? Which of these patterns or characteristics might impose challenges or limitations on reaching goals? What are reasonable goals, suggested by analyzing these data that might be achieved? In what time frame?

Data presented in this report are based on the most recent demographic-economic data released in December 2012 and December 2017 for all U.S. political/statistical geographic areas. The report provides data on more than 600 demographic-economic subject matter items, a comprehensive overview, for the area organized into four structured Demographic-Economic Profiles (DP). Selected highlights from each of these four profiles are presented.

Using this Report. This comparative analysis report is provided to facilitate strategic planning and comparison of school district demographics over time.

Sources. This report is based on data from the Census Bureau American Community Survey (ACS) 2016 five-year (2012-2016) estimates published in December 2017, and the American Community Survey (ACS) 2011 five-year (2007-2011) estimates published in December 2012. The estimates are subject to sampling and other errors of estimation. The ACS estimates are period estimates that describe the average characteristics of population and housing over a period of data collection.

APPENDIX A: TABLE OF CONTENTS

The demographic estimates are reported to encourage community discussion about the demographic characteristics of the Altmar-Parish-Williamstown School District. The compilation of the Census data is a tool to help the community and school leaders discuss and suggest insights about the school district community as long-range plans are developed. Census data for the Altmar-Parish-Williamstown School District are charted from two Census documents profiling the demographics of the school district from 2007-2016. In this way, comparative discussion/analysis is supported to identify similar and dissimilar demographic characteristics of the Altmar-Parish-Williamstown School District over time.

SOURCE OF DATA:
Federal Census Bureau 2007-2011 American Community Survey
5- Year Estimates (public release December 2012)
Federal Census Bureau 2012-2016 American Community Survey
5-Year Estimates (public release December 2017)

To maintain confidentiality, the Census Bureau applies statistical procedures that introduce some uncertainty into data for geographic areas with small population groups. The data in these tables contain sampling error and nonsampling error. Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented with a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error). The effect of nonsampling error is not represented in these tables. Additional information on the design and methodology of the American Community Survey, including data collection and processing, can be found at http://www.census.gov/acs/www/methodology/methodology main/

The shaded demographic characteristics in the charts that follow suggest data that are often reviewed and discussed by school districts as part of long-range planning effort.

2007-2011 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District		2012-2016 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District	
DEMOGRAPHIC CHARACTERISTICS	**Estimate**	**Percent**	**DEMOGRAPHIC CHARACTERISTICS**	**Estimate**	**Percent**
SEX AND AGE			SEX AND AGE		
Total population	7,589	7,589	Total population	7,393	7,393
Male	3,784	49.9%	Male	3,795	51.3%
Female	3,805	50.1%	Female	3,598	48.7%
Under 5 years	510	6.7%	Under 5 years	452	6.1%
5 to 9 years	564	7.4%	5 to 9 years	535	7.2%
10 to 14 years	613	8.1%	10 to 14 years	479	6.5%
15 to 19 years	587	7.7%	15 to 19 years	439	5.9%
20 to 24 years	383	5.0%	20 to 24 years	371	5.0%
25 to 34 years	907	12.0%	25 to 34 years	836	11.3%
35 to 44 years	1,057	13.9%	35 to 44 years	1,009	13.6%
45 to 54 years	1,401	18.5%	45 to 54 years	1,194	16.2%
55 to 59 years	429	5.7%	55 to 59 years	549	7.4%
60 to 64 years	354	4.7%	60 to 64 years	554	7.5%
65 to 74 years	496	6.5%	65 to 74 years	649	8.8%
75 to 84 years	231	3.0%	75 to 84 years	251	3.4%
85 years and over	57	0.8%	85 years and over	75	1.0%
Median age (years)	37.3	(X)	Median age (years)	40.8	(X)
18 years and over	5,483	72.2%	18 years and over	5,584	75.5%
21 years and over	5,237	69.0%	21 years and over	5,416	73.3%
62 years and over	980	12.9%	62 years and over	1,355	18.3%
65 years and over	784	10.3%	65 years and over	975	13.2%
18 years and over	5,483	5,483	18 years and over	5,584	5,584
Male	2,751	50.2%	Male	2,852	51.1%
Female	2,732	49.8%	Female	2,732	48.9%
65 years and over	784	784	65 years and over	975	975
Male	348	44.4%	Male	528	54.2%
Female	436	55.6%	Female	447	45.8%
RACE			RACE		
Total population	7,589	7,589	Total population	7,393	7,393
One race	7,455	98.2%	One race	7,279	98.5%
Two or more races	134	1.8%	Two or more races	114	1.5%
One race	7,455	98.2%	One race	7,279	98.5%
White	7,412	97.7%	White	7,239	97.9%
Black or African American	1	0.0%	Black or African American	7	0.1%
American Indian and Alaska Native	25	0.3%	American Indian and Alaska Native	4	0.1%
Cherokee tribal grouping	0	0.0%	Cherokee tribal grouping	0	0.0%
Chippewa tribal grouping	0	0.0%	Chippewa tribal grouping	0	0.0%
Navajo tribal grouping	0	0.0%	Navajo tribal grouping	0	0.0%

2007-2011 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District		2012-2016 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District	
DEMOGRAPHIC CHARACTERISTICS	**Estimate**	**Percent**	**DEMOGRAPHIC CHARACTERISTICS**	**Estimate**	**Percent**
Sioux tribal grouping	0	0.0%	Sioux tribal grouping	0	0.0%
Asian	12	0.2%	Asian	10	0.1%
Asian Indian	6	0.1%	Asian Indian	0	0.0%
Chinese	0	0.0%	Chinese	0	0.0%
Filipino	6	0.1%	Filipino	0	0.0%
Japanese	0	0.0%	Japanese	0	0.0%
Korean	0	0.0%	Korean	10	0.1%
Vietnamese	0	0.0%	Vietnamese	0	0.0%
Other Asian	0	0.0%	Other Asian	0	0.0%
Native Hawaiian and Other Pacific Islander	0	0.0%	Native Hawaiian and Other Pacific Islander	0	0.0%
Native Hawaiian	0	0.0%	Native Hawaiian	0	0.0%
Guamanian or Chamorro	0	0.0%	Guamanian or Chamorro	0	0.0%
Samoan	0	0.0%	Samoan	0	0.0%
Other Pacific Islander	0	0.0%	Other Pacific Islander	0	0.0%
Some other race	5	0.1%	Some other race	19	0.3%
Two or more races	134	1.8%	Two or more races	114	1.5%
White and Black or African American	4	0.1%	White and Black or African American	29	0.4%
White and American Indian and Alaska Native	94	1.2%	White and American Indian and Alaska Native	57	0.8%
White and Asian	12	0.2%	White and Asian	8	0.1%
Black or African American and American Indian and Alaska Native	0	0.0%	Black or African American and American Indian and Alaska Native	0	0.0%
Race alone or in combination with one or more other races			Race alone or in combination with one or more other races		
Total population	7,589	7,589	Total population	7,393	7,393
White	7,546	99.4%	White	7,343	99.3%
Black or African American	26	0.3%	Black or African American	43	0.6%
American Indian and Alaska Native	140	1.8%	American Indian and Alaska Native	66	0.9%
Asian	24	0.3%	Asian	30	0.4%
Native Hawaiian and Other Pacific Islander	0	0.0%	Native Hawaiian and Other Pacific Islander	5	0.1%
Some other race	8	0.1%	Some other race	28	0.4%
HISPANIC OR LATINO AND RACE			HISPANIC OR LATINO AND RACE		
Total population	7,589	7,589	Total population	7,393	7,393
Hispanic or Latino (of any race)	44	0.6%	Hispanic or Latino (of any race)	91	1.2%
Mexican	20	0.3%	Mexican	0	0.0%
Puerto Rican	18	0.2%	Puerto Rican	29	0.4%
Cuban	0	0.0%	Cuban	20	0.3%
Other Hispanic or Latino	6	0.1%	Other Hispanic or Latino	42	0.6%
Not Hispanic or Latino	7,545	99.4%	Not Hispanic or Latino	7,302	98.8%

2007-2011 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District		2012-2016 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District	
DEMOGRAPHIC CHARACTERISTICS	Estimate	Percent	DEMOGRAPHIC CHARACTERISTICS	Estimate	Percent
White alone	7,375	97.2%	White alone	7,168	97.0%
Black or African American alone	1	0.0%	Black or African American alone	7	0.1%
American Indian and Alaska Native alone	25	0.3%	American Indian and Alaska Native alone	4	0.1%
Asian alone	10	0.1%	Asian alone	10	0.1%
Native Hawaiian and Other Pacific Islander alone	0	0.0%	Native Hawaiian and Other Pacific Islander alone	0	0.0%
Some other race alone	0	0.0%	Some other race alone	7	0.1%
Two or more races	134	1.8%	Two or more races	106	1.4%
Two races including Some other race	3	0.0%	Two races including Some other race	0	0.0%
Two races excluding Some other race, and Three or more races	131	1.7%	Two races excluding Some other race, and Three or more races	106	1.4%
Total housing units	3,580	(X)	Total housing units	3,538	(X)

2007-2011 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District		2012-2016 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District	
SOCIAL CHARACTERISTICS	Estimate	Percent	SOCIAL CHARACTERISTICS	Estimate	Percent
HOUSEHOLDS BY TYPE			HOUSEHOLDS BY TYPE		
Total households	2,738	2,738	Total households	2,664	2,664
Family households (families)	1,995	72.9%	Family households (families)	1,896	71.2%
With own children under 18 years	954	34.8%	With own children of the householder under 18 years	789	29.6%
Married-couple family	1,523	55.6%	Married-couple family	1,432	53.8%
With own children under 18 years	661	24.1%	With own children of the householder under 18 years	527	19.8%
Male householder, no wife present, family	151	5.5%	Male householder, no wife present, family	205	7.7%
With own children under 18 years	93	3.4%	With own children of the householder under 18 years	116	4.4%
Female householder, no husband present, family	321	11.7%	Female householder, no husband present, family	259	9.7%
With own children under 18 years	200	7.3%	With own children of the householder under 18 years	146	5.5%
Nonfamily households	743	27.1%	Nonfamily households	768	28.8%
Householder living alone	578	21.1%	Householder living alone	508	19.1%
65 years and over	205	7.5%	65 years and over	183	6.9%
Households with one or more people under 18 years	1,078	39.4%	Households with one or more people under 18 years	912	34.2%
Households with one or more people 65 years and over	584	21.3%	Households with one or more people 65 years and over	732	27.5%
Average household size	2.77	(X)	Average household size	2.78	(X)

2007-2011 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District		2012-2016 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District	
SOCIAL CHARACTERISTICS	Estimate	Percent	SOCIAL CHARACTERISTICS	Estimate	Percent
Average family size	3.20	(X)	Average family size	3.12	(X)
RELATIONSHIP			RELATIONSHIP		
Population in households	7,582	7,582	Population in households	7,393	7,393
Householder	2,738	36.1%	Householder	2,664	36.0%
Spouse	1,518	20.0%	Spouse	1,439	19.5%
Child	2,463	32.5%	Child	2,235	30.2%
Other relatives	416	5.5%	Other relatives	340	4.6%
Nonrelatives	447	5.9%	Nonrelatives	715	9.7%
Unmarried partner	284	3.7%	Unmarried partner	338	4.6%
MARITAL STATUS			MARITAL STATUS		
Males 15 years and over	2,942	2,942	Males 15 years and over	3,025	3,025
Never married	715	24.3%	Never married	954	31.5%
Now married, except separated	1,593	54.1%	Now married, except separated	1,534	50.7%
Separated	120	4.1%	Separated	117	3.9%
Widowed	111	3.8%	Widowed	31	1.0%
Divorced	403	13.7%	Divorced	389	12.9%
Females 15 years and over	2,380	2,380	Females 15 years and over	2,902	2,902
Never married	352	14.8%	Never married	756	26.1%
Now married, except separated	1,351	56.8%	Now married, except separated	1,460	50.3%
Separated	72	3.0%	Separated	54	1.9%
Widowed	354	14.9%	Widowed	263	9.1%
Divorced	251	10.5%	Divorced	369	12.7%
FERTILITY			FERTILITY		
Number of women 15 to 50 years old who had a birth in the past 12 months	132	132	Number of women 15 to 50 years old who had a birth in the past 12 months	130	130
Unmarried women (widowed, divorced, and never married)	61	46.2%	Unmarried women (widowed, divorced, and never married)	90	69.2%
Per 1,000 unmarried women	71	(X)	Per 1,000 unmarried women	106	(X)
Per 1,000 women 15 to 50 years old	68	(X)	Per 1,000 women 15 to 50 years old	82	(X)
Per 1,000 women 15 to 19 years old	41	(X)	Per 1,000 women 15 to 19 years old	14	(X)
Per 1,000 women 20 to 34 years old	159	(X)	Per 1,000 women 20 to 34 years old	177	(X)
Per 1,000 women 35 to 50 years old	19	(X)	Per 1,000 women 35 to 50 years old	30	(X)
GRANDPARENTS			GRANDPARENTS		
Number of grandparents living with own grandchildren under 18 years	205	205	Number of grandparents living with own grandchildren under 18 years	189	189
Grandparents Responsible for grandchildren	103	50.2%	Grandparents responsible for grandchildren	82	43.4%

2007-2011 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District		2012-2016 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District	
SOCIAL CHARACTERISTICS	**Estimate**	**Percent**	**SOCIAL CHARACTERISTICS**	**Estimate**	**Percent**
Years responsible for grandchildren			Years responsible for grandchildren		
Less than 1 year	28	13.7%	Less than 1 year	9	4.8%
1 or 2 years	22	10.7%	1 or 2 years	19	10.1%
3 or 4 years	19	9.3%	3 or 4 years	18	9.5%
5 or more years	34	16.6%	5 or more years	36	19.0%
Number of grandparents responsible for own grandchildren under 18 years	103	103	Number of grandparents responsible for own grandchildren under 18 years	82	82
Who are female	54	52.4%	Who are female	35	42.7%
Who are married	77	74.8%	Who are married	53	64.6%
EDUCATIONAL ATTAINMENT			EDUCATIONAL ATTAINMENT		
Population 25 years and over	4,932	4,932	Population 25 years and over	5,117	5,117
Less than 9th grade	174	3.5%	Less than 9th grade	244	4.8%
9th to 12th grade, no diploma	589	11.9%	9th to 12th grade, no diploma	638	12.5%
High school graduate (includes equivalency)	2,321	47.1%	High school graduate (includes equivalency)	2,192	42.8%
Some college, no degree	928	18.8%	Some college, no degree	897	17.5%
Associate's degree	441	8.9%	Associate's degree	551	10.8%
Bachelor's degree	312	6.3%	Bachelor's degree	343	6.7%
Graduate or professional degree	167	3.4%	Graduate or professional degree	252	4.9%
Percent high school graduate or higher	(X)	84.5%	Percent high school graduate or higher	(X)	82.8%
Percent bachelor's degree or higher	(X)	9.7%	Percent bachelor's degree or higher	(X)	11.6%
VETERAN STATUS			VETERAN STATUS		
Civilian population 18 years and over	5,479	5,479	Civilian population 18 years and over	5,571	5,571
Civilian veterans	683	12.5%	Civilian veterans	645	11.6%
RESIDENCE 1 YEAR AGO			RESIDENCE 1 YEAR AGO		
Population 1 year and over	7,455	7,455	Population 1 year and over	7,292	7,292
Same house	6,680	89.6%	Same house	6,489	89.0%
Different house in the U.S.	764	10.2%	Different house in the U.S.	803	11.0%
Same county	492	6.6%	Same county	385	5.3%
Different county	272	3.6%	Different county	418	5.7%
Same state	193	2.6%	Same state	310	4.3%
Different state	79	1.1%	Different state	108	1.5%
Abroad	11	0.1%	Abroad	0	0.0%
PLACE OF BIRTH			PLACE OF BIRTH		
Total population	7,589	7,589	Total population	7,393	7,393

2007-2011 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District		2012-2016 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District	
SOCIAL CHARACTERISTICS	Estimate	Percent	SOCIAL CHARACTERISTICS	Estimate	Percent
Native	7,533	99.3%	Native	7,313	98.9%
Born in United States	7,468	98.4%	Born in United States	7,276	98.4%
State of residence	6,661	87.8%	State of residence	6,394	86.5%
Different state	807	10.6%	Different state	882	11.9%
Born in Puerto Rico, U.S. Island areas, or born abroad to American parent(s)	65	0.9%	Born in Puerto Rico, U.S. Island areas, or born abroad to American parent(s)	37	0.5%
Foreign born	56	0.7%	Foreign born	80	1.1%
U.S. CITIZENSHIP STATUS			U.S. CITIZENSHIP STATUS		
Foreign-born population	56	56	Foreign-born population	80	80
Naturalized U.S. citizen	38	67.9%	Naturalized U.S. citizen	40	50.0%
Not a U.S. citizen	18	32.1%	Not a U.S. citizen	40	50.0%
YEAR OF ENTRY			YEAR OF ENTRY		
Population born outside the United States	121	121	Population born outside the United States	117	117
Native	65	65	Native	37	37
Entered 2000 or later	2	3.1%	Entered 2010 or later	8	21.6%
Entered before 2000	63	96.9%	Entered before 2010	29	78.4%
Foreign born	56	56	Foreign born	80	80
Entered 2000 or later	10	17.9%	Entered 2010 or later	11	13.8%
Entered before 2000	46	82.1%	Entered before 2010	69	86.3%
WORLD REGION OF BIRTH OF FOREIGN BORN			WORLD REGION OF BIRTH OF FOREIGN BORN		
Foreign-born population, excluding population born at sea	56	56	Foreign-born population, excluding population born at sea	80	80
Europe	26	46.4%	Europe	13	16.3%
Asia	12	21.4%	Asia	10	12.5%
Africa	0	0.0%	Africa	0	0.0%
Oceania	0	0.0%	Oceania	1	1.3%
Latin America	14	25.0%	Latin America	29	36.3%
Northern America	4	7.1%	Northern America	27	33.8%
LANGUAGE SPOKEN AT HOME			LANGUAGE SPOKEN AT HOME		
Population 5 years and over	7,079	7,079	Population 5 years and over	6,941	6,941
English only	6,859	96.9%	English only	6,698	96.5%
Language other than English	220	3.1%	Language other than English	243	3.5%
Speak English less than "very well"	45	0.6%	Speak English less than "very well"	76	1.1%
Spanish	69	1.0%	Spanish	97	1.4%
Speak English less than "very well"	28	0.4%	Speak English less than "very well"	25	0.4%
Other Indo-European languages	96	1.4%	Other Indo-European languages	139	2.0%

2007-2011 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District		2012-2016 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District	
SOCIAL CHARACTERISTICS	**Estimate**	**Percent**	**SOCIAL CHARACTERISTICS**	**Estimate**	**Percent**
Speak English less than "very well"	17	0.2%	Speak English less than "very well"	49	0.7%
Asian and Pacific Islander languages	6	0.1%	Asian and Pacific Islander languages	7	0.1%
Speak English less than "very well"	0	0.0%	Speak English less than "very well"	2	0.0%
Other languages	49	0.7%	Other languages	0	0.0%
Speak English less than "very well"	0	0.0%	Speak English less than "very well"	0	0.0%
ANCESTRY			ANCESTRY		
Total population	7,589	7,589	Total population	7,393	7,393
American	479	6.3%	American	712	9.6%
Arab	0	0.0%	Arab	0	0.0%
Czech	6	0.1%	Czech	38	0.5%
Danish	0	0.0%	Danish	3	0.0%
Dutch	261	3.4%	Dutch	236	3.2%
English	1,233	16.2%	English	1,056	14.3%
French (except Basque)	925	12.2%	French (except Basque)	572	7.7%
French Canadian	290	3.8%	French Canadian	230	3.1%
German	1,730	22.8%	German	1,504	20.3%
Greek	45	0.6%	Greek	13	0.2%
Hungarian	37	0.5%	Hungarian	57	0.8%
Irish	1,626	21.4%	Irish	1,360	18.4%
Italian	640	8.4%	Italian	576	7.8%
Lithuanian	25	0.3%	Lithuanian	11	0.1%
Norwegian	67	0.9%	Norwegian	33	0.4%
Polish	416	5.5%	Polish	566	7.7%
Portuguese	5	0.1%	Portuguese	5	0.1%
Russian	18	0.2%	Russian	21	0.3%
Scotch-Irish	260	3.4%	Scotch-Irish	51	0.7%
Scottish	154	2.0%	Scottish	124	1.7%
Slovak	0	0.0%	Slovak	4	0.1%
Subsaharan African	0	0.0%	Subsaharan African	0	0.0%
Swedish	23	0.3%	Swedish	19	0.3%
Swiss	33	0.4%	Swiss	15	0.2%
Ukrainian	99	1.3%	Ukrainian	21	0.3%
Welsh	122	1.6%	Welsh	76	1.0%
West Indian (excluding Hispanic origin groups)	0	0.0%	West Indian (excluding Hispanic origin groups)	4	0.1%

2007-2011 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District		2012-2016 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District	
ECONOMIC CHARACTERISTICS	**Estimate**	**Percent**	**ECONOMIC CHARACTERISTICS**	**Estimate**	**Percent**
EMPLOYMENT STATUS			EMPLOYMENT STATUS		
Population 16 years and over	5,779	5,779	Population 16 years and over	5,806	5,806
In labor force	3,754	65.0%	In labor force	3,356	57.8%
Civilian labor force	3,750	64.9%	Civilian labor force	3,343	57.6%
Employed	3,381	58.5%	Employed	3,043	52.4%
Unemployed	369	6.4%	Unemployed	300	5.2%
Armed Forces	4	0.1%	Armed Forces	13	0.2%
Not in labor force	2,025	35.0%	Not in labor force	2,450	42.2%
Civilian labor force	3,750	3,750	Civilian labor force	3,343	3,343
Percent Unemployed	(X)	9.8%	Unemployment Rate	(X)	9.0%
Females 16 years and over	2,924	2,924	Females 16 years and over	2,860	2,860
In labor force	1,711	58.5%	In labor force	1,533	53.6%
Civilian labor force	1,711	58.5%	Civilian labor force	1,533	53.6%
Employed	1,579	54.0%	Employed	1,390	48.6%
Own children under 6 years	598	598	Own children of the householder under 6 years	512	512
All parents in family in labor force	378	63.2%	All parents in family in labor force	313	61.1%
Own children 6 to 17 years	1,406	1,406	Own children of the householder 6 to 17 years	1,199	1,199
All parents in family in labor force	997	70.9%	All parents in family in labor force	715	59.6%
COMMUTING TO WORK			COMMUTING TO WORK		
Workers 16 years and over	3,271	3,271	Workers 16 years and over	2,979	2,979
Car, truck, or van -- drove alone	2,694	82.4%	Car, truck, or van -- drove alone	2,396	80.4%
Car, truck, or van -- carpooled	412	12.6%	Car, truck, or van -- carpooled	387	13.0%
Public transportation (excluding taxicab)	8	0.2%	Public transportation (excluding taxicab)	34	1.1%
Walked	50	1.5%	Walked	41	1.4%
Other means	23	0.7%	Other means	32	1.1%
Worked at home	84	2.6%	Worked at home	89	3.0%
Mean travel time to work (minutes)	31.1	(X)	Mean travel time to work (minutes)	32.8	(X)
OCCUPATION			OCCUPATION		
Civilian employed population 16 years and over	3,381	3,381	Civilian employed population 16 years and over	3,043	3,043
Management, business, science, and arts occupations	843	24.9%	Management, business, science, and arts occupations	776	25.5%
Service occupations	522	15.4%	Service occupations	548	18.0%
Sales and office occupations	770	22.8%	Sales and office occupations	668	22.0%

2007-2011 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District		2012-2016 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District	
ECONOMIC CHARACTERISTICS	**Estimate**	**Percent**	**ECONOMIC CHARACTERISTICS**	**Estimate**	**Percent**
Natural resources, construction, and maintenance occupations	514	15.2%	Natural resources, construction, and maintenance occupations	398	13.1%
Production, transportation, and material moving occupations	732	21.7%	Production, transportation, and material moving occupations	653	21.5%
INDUSTRY			INDUSTRY		
Civilian employed population 16 years and over	3,381	3,381	Civilian employed population 16 years and over	3,043	3,043
Agriculture, forestry, fishing and hunting, and mining	84	2.5%	Agriculture, forestry, fishing and hunting, and mining	66	2.2%
Construction	366	10.8%	Construction	261	8.6%
Manufacturing	529	15.6%	Manufacturing	482	15.8%
Wholesale trade	92	2.7%	Wholesale trade	111	3.6%
Retail trade	447	13.2%	Retail trade	444	14.6%
Transportation and warehousing, and utilities	234	6.9%	Transportation and warehousing, and utilities	202	6.6%
Information	32	0.9%	Information	24	0.8%
Finance and insurance, and real estate and rental and leasing	194	5.7%	Finance and insurance, and real estate and rental and leasing	90	3.0%
Professional, scientific, and management, and administrative and waste management services	215	6.4%	Professional, scientific, and management, and administrative and waste management services	213	7.0%
Educational services, and health care and social assistance	706	20.9%	Educational services, and health care and social assistance	711	23.4%
Arts, entertainment, and recreation, and accommodation and food services	237	7.0%	Arts, entertainment, and recreation, and accommodation and food services	251	8.2%
Other services, except public administration	100	3.0%	Other services, except public administration	71	2.3%
Public administration	145	4.3%	Public administration	117	3.8%
CLASS OF WORKER			CLASS OF WORKER		
Civilian employed population 16 years and over	3,381	3,381	Civilian employed population 16 years and over	3,043	3,043
Private wage and salary workers	2,647	78.3%	Private wage and salary workers	2,375	78.0%
Government workers	550	16.3%	Government workers	494	16.2%
Self-employed in own not incorporated business workers	172	5.1%	Self-employed in own not incorporated business workers	168	5.5%
Unpaid family workers	12	0.4%	Unpaid family workers	6	0.2%
INCOME AND BENEFITS (IN 2011 INFLATION-ADJUSTED DOLLARS)			INCOME AND BENEFITS (IN 2016 INFLATION-ADJUSTED DOLLARS)		
Total households	2,738	2,738	Total households	2,664	2,664
Less than $10,000	115	4.2%	Less than $10,000	155	5.8%
$10,000 to $14,999	69	2.5%	$10,000 to $14,999	163	6.1%
$15,000 to $24,999	340	12.4%	$15,000 to $24,999	272	10.2%

2007-2011 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District		2012-2016 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District	
ECONOMIC CHARACTERISTICS	Estimate	Percent	ECONOMIC CHARACTERISTICS	Estimate	Percent
$25,000 to $34,999	379	13.8%	$25,000 to $34,999	278	10.4%
$35,000 to $49,999	469	17.1%	$35,000 to $49,999	437	16.4%
$50,000 to $74,999	627	22.9%	$50,000 to $74,999	571	21.4%
$75,000 to $99,999	347	12.7%	$75,000 to $99,999	403	15.1%
$100,000 to $149,999	341	12.5%	$100,000 to $149,999	281	10.5%
$150,000 to $199,999	34	1.2%	$150,000 to $199,999	67	2.5%
$200,000 or more	17	0.6%	$200,000 or more	37	1.4%
Median household income (dollars)	49,877	(X)	Median household income (dollars)	50,758	(X)
Mean household income (dollars)	57,490	(X)	Mean household income (dollars)	62,547	(X)
With earnings	2,201	75.1%	With earnings	1,992	74.8%
Mean earnings (dollars)	56,382	(X)	Mean earnings (dollars)	61,666	(X)
With Social Security	866	37.9%	With Social Security	985	37.0%
Mean Social Security income (dollars)	16,068	(X)	Mean Social Security income (dollars)	17,984	(X)
With retirement income	613	27.7%	With retirement income	574	21.5%
Mean retirement income (dollars)	15,992	(X)	Mean retirement income (dollars)	28,932	(X)
With Supplemental Security Income	105	4.8%	With Supplemental Security Income	243	9.1%
Mean Supplemental Security Income (dollars)	11,613	(X)	Mean Supplemental Security Income (dollars)	11,186	(X)
With cash public assistance income	73	2.1%	With cash public assistance income	67	2.5%
Mean cash public assistance income (dollars)	3,599	(X)	Mean cash public assistance income (dollars)	3,922	(X)
With Food Stamp/SNAP benefits in the past 12 months	325	9.9%	With Food Stamp/SNAP benefits in the past 12 months	477	17.9%
Families	1,588	1,588	Families	1,420	1,420
Less than $10,000	61	3.1%	Less than $10,000	101	5.3%
$10,000 to $14,999	34	1.7%	$10,000 to $14,999	65	3.4%
$15,000 to $24,999	190	9.5%	$15,000 to $24,999	186	9.8%
$25,000 to $34,999	230	11.5%	$25,000 to $34,999	210	11.1%
$35,000 to $49,999	397	19.9%	$35,000 to $49,999	318	16.8%
$50,000 to $74,999	423	21.2%	$50,000 to $74,999	402	21.2%
$75,000 to $99,999	315	15.8%	$75,000 to $99,999	289	15.2%
$100,000 to $149,999	304	15.2%	$100,000 to $149,999	245	12.9%
$150,000 to $199,999	34	1.7%	$150,000 to $199,999	56	3.0%
$200,000 or more	7	0.4%	$200,000 or more	24	1.3%
Median family income (dollars)	54,406	(X)	Median family income (dollars)	52,329	(X)
Mean family income (dollars)	62,021	(X)	Mean family income (dollars)	67,171	(X)
Per capita income (dollars)	21,035	(X)	Per capita income (dollars)	23,278	(X)

2007-2011 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District		2012-2016 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District	
ECONOMIC CHARACTERISTICS	Estimate	Percent	ECONOMIC CHARACTERISTICS	Estimate	Percent
Nonfamily households	743	743	Nonfamily households	768	768
Median nonfamily income (dollars)	30,375	(X)	Median nonfamily income (dollars)	37,222	(X)
Mean nonfamily income (dollars)	39,942	(X)	Mean nonfamily income (dollars)	44,446	(X)
Median earnings for workers (dollars)	26,320	(X)	Median earnings for workers (dollars)	30,256	(X)
Median earnings for male full-time, year-round workers (dollars)	42,794	(X)	Median earnings for male full-time, year-round workers (dollars)	42,312	(X)
Median earnings for female full-time, year-round workers (dollars)	30,019	(X)	Median earnings for female full-time, year-round workers (dollars)	36,354	(X)
HEALTH INSURANCE COVERAGE			HEALTH INSURANCE COVERAGE		
Civilian noninstitutionalized population	(X)	(X)	Civilian noninstitutionalized population	7,380	7,380
With health insurance coverage	(X)	(X)	With health insurance coverage	6,669	90.4%
With private health insurance	(X)	(X)	With private health insurance	4,352	59.0%
With public coverage	(X)	(X)	With public coverage	3,196	43.3%
No health insurance coverage	(X)	(X)	No health insurance coverage	711	9.6%
Civilian noninstitutionalized population under 18 years	(X)	(X)	Civilian noninstitutionalized population under 18 years	1,809	1,809
No health insurance coverage	(X)	(X)	No health insurance coverage	91	5.0%
Civilian noninstitutionalized population 18 to 64 years	(X)	(X)	Civilian noninstitutionalized population 18 to 64 years	4,596	4,596
In labor force:	(X)	(X)	In labor force:	3,168	3,168
Employed:	(X)	(X)	Employed:	2,901	2,901
With health insurance coverage	(X)	(X)	With health insurance coverage	2,555	88.1%
With private health insurance	(X)	(X)	With private health insurance	2,210	76.2%
With public coverage	(X)	(X)	With public coverage	405	14.0%
No health insurance coverage	(X)	(X)	No health insurance coverage	346	11.9%
Unemployed:	(X)	(X)	Unemployed:	267	267
With health insurance coverage	(X)	(X)	With health insurance coverage	175	65.5%
With private health insurance	(X)	(X)	With private health insurance	56	21.0%
With public coverage	(X)	(X)	With public coverage	124	46.4%
No health insurance coverage	(X)	(X)	No health insurance coverage	92	34.5%
Not in labor force:	(X)	(X)	Not in labor force:	1,428	1,428

2007-2011 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District		2012-2016 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District	
ECONOMIC CHARACTERISTICS	**Estimate**	**Percent**	**ECONOMIC CHARACTERISTICS**	**Estimate**	**Percent**
With health insurance coverage	(X)	(X)	With health insurance coverage	1,246	87.3%
With private health insurance	(X)	(X)	With private health insurance	596	41.7%
With public coverage	(X)	(X)	With public coverage	804	56.3%
No health insurance coverage	(X)	(X)	No health insurance coverage	182	12.7%
PERCENTAGE OF FAMILIES AND PEOPLE WHOSE INCOME IN THE PAST 12 MONTHS IS BELOW THE POVERTY LEVEL			PERCENTAGE OF FAMILIES AND PEOPLE WHOSE INCOME IN THE PAST 12 MONTHS IS BELOW THE POVERTY LEVEL		
All families	(X)	8.9%	All families	(X)	13.8%
With related children under 18 years	(X)	15.6%	With related children of the householder under 18 years	(X)	24.8%
With related children under 5 years only	(X)	24.8%	With related children of the householder under 5 years only	(X)	35.9%
Married couple families	(X)	2.8%	Married couple families	(X)	9.1%
With related children under 18 years	(X)	4.2%	With related children of the householder under 18 years	(X)	17.1%
With related children under 5 years only	(X)	6.7%	With related children of the householder under 5 years only	(X)	16.7%
Families with female householder, no husband present	(X)	24.9%	Families with female householder, no husband present	(X)	38.2%
With related children under 18 years	(X)	35.4%	With related children of the householder under 18 years	(X)	53.3%
With related children under 5 years only	(X)	38.5%	With related children of the householder under 5 years only	(X)	79.2%
All people	(X)	12.2%	All people	(X)	18.5%
Under 18 years	(X)	20.2%	Under 18 years	(X)	29.6%
Related children under 18 years	(X)	19.0%	Related children of the householder under 18 years	(X)	29.6%
Related children under 5 years	(X)	21.1%	Related children of the householder under 5 years	(X)	43.9%
Related children 5 to 17 years	(X)	18.3%	Related children of the householder 5 to 17 years	(X)	25.0%
18 years and over	(X)	9.1%	18 years and over	(X)	15.0%
18 to 64 years	(X)	9.5%	18 to 64 years	(X)	16.6%
65 years and over	(X)	6.8%	65 years and over	(X)	7.6%
People in families	(X)	10.4%	People in families	(X)	16.7%
Unrelated individuals 15 years and over	(X)	21.9%	Unrelated individuals 15 years and over	(X)	25.9%

2007-2011 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District		2012-2016 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District	
HOUSING CHARACTERISTICS	**Estimate**	**Percent**	**HOUSING CHARACTERISTICS**	**Estimate**	**Percent**
HOUSING OCCUPANCY			HOUSING OCCUPANCY		
Total housing units	3,580	3,580	Total housing units	3,538	3,538
Occupied housing units	2,738	76.5%	Occupied housing units	2,664	75.3%
Vacant housing units	842	23.5%	Vacant housing units	874	24.7%
Homeowner vacancy rate	2.2	(X)	Homeowner vacancy rate	1.6	(X)
Rental vacancy rate	2.2	(X)	Rental vacancy rate	4.4	(X)
UNITS IN STRUCTURE			UNITS IN STRUCTURE		
Total housing units	3,580	3,580	Total housing units	3,538	3,538
1-unit, detached	2,521	70.4%	1-unit, detached	2,412	68.2%
1-unit, attached	26	0.7%	1-unit, attached	37	1.0%
2 units	83	2.3%	2 units	79	2.2%
3 or 4 units	33	0.9%	3 or 4 units	38	1.1%
5 to 9 units	22	0.6%	5 to 9 units	38	1.1%
10 to 19 units	0	0.0%	10 to 19 units	0	0.0%
20 or more units	2	0.1%	20 or more units	3	0.1%
Mobile home	882	24.6%	Mobile home	931	26.3%
Boat, RV, van, etc.	11	0.3%	Boat, RV, van, etc.	0	0.0%
ROOMS			ROOMS		
Total housing units	3,580	3,580	Total housing units	3,538	3,538
1 room	94	2.6%	1 room	97	2.7%
2 rooms	109	3.0%	2 rooms	159	4.5%
3 rooms	246	6.9%	3 rooms	248	7.0%
4 rooms	573	16.0%	4 rooms	456	12.9%
5 rooms	792	22.1%	5 rooms	802	22.7%
6 rooms	712	19.9%	6 rooms	679	19.2%
7 rooms	378	10.6%	7 rooms	441	12.5%
8 rooms	385	10.8%	8 rooms	326	9.2%
9 rooms or more	291	8.1%	9 rooms or more	330	9.3%
Median rooms	5.5	(X)	Median rooms	5.5	(X)
BEDROOMS			BEDROOMS		
Total housing units	3,580	3,580	Total housing units	3,538	3,538
No bedroom	94	2.6%	No bedroom	97	2.7%
1 bedroom	250	7.0%	1 bedroom	331	9.4%
2 bedrooms	1,022	28.5%	2 bedrooms	828	23.4%
3 bedrooms	1,591	44.4%	3 bedrooms	1,712	48.4%
4 bedrooms	447	12.5%	4 bedrooms	484	13.7%
5 or more bedrooms	176	4.9%	5 or more bedrooms	86	2.4%
HOUSING TENURE			HOUSING TENURE		
Occupied housing units	2,738	2,738	Occupied housing units	2,664	2,664
Owner-occupied	2,310	84.4%	Owner-occupied	2,234	83.9%
Renter-occupied	428	15.6%	Renter-occupied	430	16.1%

2007-2011 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District		2012-2016 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District	
HOUSING CHARACTERISTICS	**Estimate**	**Percent**	**HOUSING CHARACTERISTICS**	**Estimate**	**Percent**
Average household size of owner-occupied unit	2.73	(X)	Average household size of owner-occupied unit	2.71	(X)
Average household size of renter-occupied unit	3.01	(X)	Average household size of renter-occupied unit	3.13	(X)
YEAR HOUSEHOLDER MOVED INTO UNIT			YEAR HOUSEHOLDER MOVED INTO UNIT		
Occupied housing units	2,738	2,738	Occupied housing units	2,664	2,664
Moved in 2005 or later	656	24.0%	Moved in 2015 or later	102	3.8%
Moved in 2000 to 2004	660	24.1%	Moved in 2010 to 2014	534	20.0%
Moved in 1990 to 1999	668	24.4%	Moved in 2000 to 2009	881	33.1%
Moved in 1980 to 1989	298	10.9%	Moved in 1990 to 1999	497	18.7%
Moved in 1970 to 1979	250	9.1%	Moved in 1980 to 1989	305	11.4%
Moved in 1969 or earlier	206	7.5%	Moved in 1979 and earlier	345	13.0%
VEHICLES AVAILABLE			VEHICLES AVAILABLE		
Occupied housing units	2,738	2,738	Occupied housing units	2,664	2,664
No vehicles available	107	3.9%	No vehicles available	178	6.7%
1 vehicle available	816	29.8%	1 vehicle available	851	31.9%
2 vehicles available	1,193	43.6%	2 vehicles available	1,032	38.7%
3 or more vehicles available	622	22.7%	3 or more vehicles available	603	22.6%
HOUSE HEATING FUEL			HOUSE HEATING FUEL		
Occupied housing units	2,738	2,738	Occupied housing units	2,664	2,664
Utility gas	21	0.8%	Utility gas	55	2.1%
Bottled, tank, or LP gas	834	30.5%	Bottled, tank, or LP gas	699	26.2%
Electricity	115	4.2%	Electricity	202	7.6%
Fuel oil, kerosene, etc.	936	34.2%	Fuel oil, kerosene, etc.	741	27.8%
Coal or coke	32	1.2%	Coal or coke	91	3.4%
Wood	737	26.9%	Wood	772	29.0%
Solar energy	0	0.0%	Solar energy	0	0.0%
Other fuel	60	2.2%	Other fuel	95	3.6%
No fuel used	3	0.1%	No fuel used	9	0.3%
Occupied housing units	2,738	2,738	Occupied housing units	2,664	2,664
Lacking complete plumbing facilities	3	0.1%	Lacking complete plumbing facilities	23	0.9%
Lacking complete kitchen facilities	3	0.1%	Lacking complete kitchen facilities	22	0.8%
No telephone service available	81	3.0%	No telephone service available	56	2.1%
OCCUPANTS PER ROOM			OCCUPANTS PER ROOM		
Occupied housing units	2,738	2,738	Occupied housing units	2,664	2,664
1.00 or less	2,682	98.0%	1.00 or less	2,592	97.3%
1.01 to 1.50	42	1.5%	1.01 to 1.50	53	2.0%
1.51 or more	14	0.5%	1.51 or more	19	0.7%

2007-2011 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District		2012-2016 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District	
HOUSING CHARACTERISTICS	**Estimate**	**Percent**	**HOUSING CHARACTERISTICS**	**Estimate**	**Percent**
VALUE			VALUE		
Owner-occupied units	2,310	2,310	Owner-occupied units	2,234	2,234
Less than $50,000	519	22.5%	Less than $50,000	442	19.8%
$50,000 to $99,999	874	37.8%	$50,000 to $99,999	745	33.3%
$100,000 to $149,999	473	20.5%	$100,000 to $149,999	563	25.2%
$150,000 to $199,999	252	10.9%	$150,000 to $199,999	270	12.1%
$200,000 to $299,999	141	6.1%	$200,000 to $299,999	164	7.3%
$300,000 to $499,999	30	1.3%	$300,000 to $499,999	19	0.9%
$500,000 to $999,999	18	0.8%	$500,000 to $999,999	16	0.7%
$1,000,000 or more	3	0.1%	$1,000,000 or more	15	0.7%
Median (dollars)	84,500	(X)	Median (dollars)	94,200	(X)
MORTGAGE STATUS			MORTGAGE STATUS		
Owner-occupied units	2,310	2,310	Owner-occupied units	2,234	2,234
Housing units with a mortgage	1,381	59.8%	Housing units with a mortgage	1,342	60.1%
Housing units without a mortgage	929	40.2%	Housing units without a mortgage	892	39.9%
SELECTED MONTHLY OWNER COSTS (SMOC)			SELECTED MONTHLY OWNER COSTS (SMOC)		
Housing units with a mortgage	1,381	1,381	Housing units with a mortgage	1,342	1,342
Less than $300	0	0.0%	Less than $500	19	1.4%
$300 to $499	19	1.4%	$500 to $999	430	32.0%
$500 to $699	131	9.5%	$1,000 to $1,499	620	46.2%
$700 to $999	375	27.2%	$1,500 to $1,999	196	14.6%
$1,000 to $1,499	533	38.6%	$2,000 to $2,499	56	4.2%
$1,500 to $1,999	228	16.5%	$2,500 to $2,999	18	1.3%
$2,000 or more	95	6.9%	$3,000 or more	3	0.2%
Median (dollars)	1,154	(X)	Median (dollars)	1,138	(X)
Housing units without a mortgage	929	929	Housing units without a mortgage	892	892
Less than $100	14	1.5%	Less than $250	73	8.2%
$100 to $199	18	1.9%	$250 to $399	310	34.8%
$200 to $299	137	14.7%	$400 to $599	291	32.6%
$300 to $399	254	27.3%	$600 to $799	147	16.5%
$400 or more	506	54.5%	$800 to $999	46	5.2%
Median (dollars)	430	(X)	$1,000 or more	25	2.8%
			Median (dollars)	435	(X)
SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME (SMOCAPI)			SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME (SMOCAPI)		
Housing units with a mortgage (excluding units where SMOCAPI cannot be computed)	1,378	1,378	Housing units with a mortgage (excluding units where SMOCAPI cannot be computed)	1,342	1,342
Less than 20.0 percent	557	40.4%	Less than 20.0 percent	587	43.7%

2007-2011 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District		2012-2016 American Community Survey 5-Year Estimates	Altmar-Parish-Williamstown Central School District	
HOUSING CHARACTERISTICS	**Estimate**	**Percent**	**HOUSING CHARACTERISTICS**	**Estimate**	**Percent**
20.0 to 24.9 percent	202	14.7%	20.0 to 24.9 percent	233	17.4%
25.0 to 29.9 percent	209	15.2%	25.0 to 29.9 percent	157	11.7%
30.0 to 34.9 percent	73	5.3%	30.0 to 34.9 percent	110	8.2%
35.0 percent or more	337	24.5%	35.0 percent or more	255	19.0%
Not computed	3	(X)	Not computed	0	(X)
Housing unit without a mortgage (excluding units where SMOCAPI cannot be computed)	926	926	Housing unit without a mortgage (excluding units where SMOCAPI cannot be computed)	855	855
Less than 10.0 percent	233	25.2%	Less than 10.0 percent	271	31.7%
10.0 to 14.9 percent	230	24.8%	10.0 to 14.9 percent	199	23.3%
15.0 to 19.9 percent	132	14.3%	15.0 to 19.9 percent	116	13.6%
20.0 to 24.9 percent	100	10.8%	20.0 to 24.9 percent	69	8.1%
25.0 to 29.9 percent	61	6.6%	25.0 to 29.9 percent	39	4.6%
30.0 to 34.9 percent	53	5.7%	30.0 to 34.9 percent	26	3.0%
35.0 percent or more	117	12.6%	35.0 percent or more	135	15.8%
GROSS RENT			GROSS RENT		
Occupied units paying rent	376	376	Occupied units paying rent	359	359
Less than $200	0	0.0%	Less than $500	72	20.1%
$200 to $299	0	0.0%	$500 to $999	230	64.1%
$300 to $499	46	12.2%	$1,000 to $1,499	51	14.2%
$500 to $749	191	50.8%	$1,500 to $1,999	4	1.1%
$750 to $999	86	22.9%	$2,000 to $2,499	2	0.6%
$1,000 to $1,499	53	14.1%	$2,500 to $2,999	0	0.0%
$1,500 or more	0	0.0%	$3,000 or more	0	0.0%
Median (dollars)	672	(X)	Median (dollars)	753	(X)
No rent paid	52	(X)	No rent paid	71	(X)
GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME (GRAPI)			GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME (GRAPI)		
Occupied units paying rent (excluding units where GRAPI cannot be computed)	376	376	Occupied units paying rent (excluding units where GRAPI cannot be computed)	359	359
Less than 15.0 percent	53	14.1%	Less than 15.0 percent	67	18.7%
15.0 to 19.9 percent	97	25.8%	15.0 to 19.9 percent	27	7.5%
20.0 to 24.9 percent	19	5.1%	20.0 to 24.9 percent	71	19.8%
25.0 to 29.9 percent	30	8.0%	25.0 to 29.9 percent	17	4.7%
30.0 to 34.9 percent	35	9.3%	30.0 to 34.9 percent	22	6.1%
35.0 percent or more	142	37.8%	35.0 percent or more	155	43.2%
Not computed	52	(X)	Not computed	71	(X)

Definition of Demographic Terms

Housing Unit. A housing unit may be a house, an apartment, a mobile home, a group of rooms or a single room that is occupied (or, if vacant, intended for occupancy) as separate living quarters. Separate living quarters are those in which the occupants live separately from any other individuals in the building and which have direct access from outside the building or through a common hall. For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants.

Occupied Housing Unit. A housing unit is classified as occupied if it is the current place of residence of the person or group of people living in it at the time of interview, or if the occupants are only temporarily absent from the residence for two months or less, that is, away on vacation or a business trip. If all the people staying in the unit at the time of the interview are staying there for two months or less, the unit is considered to be temporarily occupied and classified as "vacant". The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated people who share living quarters. The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered group quarters.

Group Quarters (GQs). GQs are places where people live or stay, in a group living arrangement that is owned or managed by an entity or organization providing housing and/or services for the residents. These services may include custodial or medical care, as well as other types of assistance, and residency is commonly restricted to those receiving these services. People living in GQs usually are not related to each other. GQs include such places as college residence halls, residential treatment centers, skilled nursing facilities, group homes, military barracks, correctional facilities, workers' dormitories, and facilities for people experiencing homelessness. GQs are defined according to the housing and/or services provided to residents, and are identified by census GQ type codes.

Vacant Housing Unit. A housing unit is vacant if no one is living in it at the time of interview. Units occupied at the time of interview entirely by persons who are staying two months or less and who have a more permanent residence elsewhere are considered to be temporarily occupied, and are classified as "vacant."

Vacancy Status. Vacancy status is a housing market indicator and provides information on the stability and quality of housing for certain areas. The data are used to assess the demand for housing, to identify housing turnover within areas, and to understand better the population within the housing market over time. These data also serve to aid in the development of housing programs to meet the needs of persons at different economic levels.

Homeowner Vacancy Rate The homeowner vacancy rate is the proportion of the homeowner inventory that is vacant "for sale". It is computed by dividing the number of vacant units "for sale only" by the sum of the owner-occupied units, vacant units that are "for sale only," and vacant units that have been sold but not yet occupied, and then multiplying by 100.
Rental Vacancy Rate The rental vacancy rate is the proportion of the rental inventory that is vacant "for rent". It is computed by dividing the number of vacant units "for rent" by the sum of the renter-occupied units, vacant units that are "for rent", and vacant units that have been rented but not yet occupied, and then multiplying by 100.

Tenure. Tenure provides a measurement of home ownership, which has served as an indicator of the nation's economy for decades. These data are used to aid in the distribution of funds for programs such as those involving mortgage insurance, rental housing, and national defense housing. Data on tenure allows planners to evaluate the overall viability of housing markets and to assess the stability of neighborhoods. The data also serve in understanding the characteristics of owner occupied and renter occupied units to aid builders, mortgage lenders, planning officials, government agencies, etc., in the planning of housing programs and services.

Owner Occupied. A housing unit is owner occupied if the owner or co-owner lives in the unit even if it is mortgaged or not fully paid for. The owner or co-owner must live in the unit and usually is Person 1 on the questionnaire. The unit is "Owned by you or someone in this household with a mortgage or loan" if it is being purchased with a mortgage or some other debt arrangement such as a deed of trust, trust deed, contract to purchase, land contract, or purchase agreement. The unit also is considered owned with a mortgage if it is built on leased land and there is a mortgage on the unit. Mobile homes occupied by owners with installment loan balances also are included in this category.

Renter Occupied. All occupied housing units which are not owner occupied, whether they are rented or occupied without payment of rent, are classified as renter occupied. "No rent paid" units are separately identified in the rent tabulations. Such units are generally provided free by friends or relatives or in exchange for services such as resident manager, caretaker, minister, or tenant farmer. Housing units on military bases also are classified in the "No rent paid" category. "Rented" includes units in continuing care, sometimes called life care arrangements. These arrangements usually involve a contract between one or more individuals and a health services provider guaranteeing the individual shelter, usually a house

or apartment, and services, such as meals or transportation to shopping or recreation.

Value Value is the respondent estimate of how much the property (house and lot, mobile home and lot, or condominium unit) would sell for if it were for sale. If the house or mobile home was owned or being bought, but the land on which it sits was not, the respondent was asked to estimate the combined value of the house or mobile home and the land. For vacant units, value was the price asked for the property. Value was tabulated separately for all owner-occupied and vacant-for-sale housing units, as well as owner-occupied and vacant-for-sale mobile homes.
The value of a home provides information on neighborhood quality, housing affordability, and wealth. These data provide socioeconomic information not captured by household income and comparative information on the state of local housing markets. The data also serve to aid in the development of housing programs designed to meet the housing needs of persons at different economic levels.

Ancestry. Ancestry refers to a person's ethnic origin, heritage, descent, or roots, which may reflect their place of birth or that of previous generations of their family. Some ethnic identities, such as "Egyptian" or "Polish" can be traced to geographic areas outside the United States, while other ethnicities such as "Pennsylvania German" or "Cajun" evolved in the United States. The intent of the ancestry question was not to measure the degree of attachment the respondent had to a particular ethnicity, but simply to establish that the respondent had a connection to and self-identified with a particular ethnic group.

Educational Attainment. Educational attainment data are used to assess the socioeconomic condition of the U.S. population. Some government agencies require these data for funding allocations and program planning and implementation. These data are needed to determine the extent of illiteracy rates of citizens in language minorities in order to meet statutory requirements under the Voting Rights Act. Based on data about educational attainment, school districts are allocated funds to provide classes in basic skills to adults who have not completed high school. Educational attainment data are tabulated for people 18 years old and over.

Employment Status. Employment status is key to understanding work and unemployment patterns and the availability of workers. Based on labor market areas and unemployment levels, the U.S. Department of Labor identifies service delivery areas and determines amounts to be allocated to each for job training. The impact of immigration on the economy and job markets is determined partially by labor force data, and this information is included in required reports to Congress. OMB uses data about employed workers as part of the criteria for defining metropolitan areas. The Bureau of Economic Analysis uses these data to develop its state per capita income estimates used in the allocation formulas and eligibility criteria for many federal programs such as Medicaid.

Employed. The employed population includes all civilians 16 years old and over who either (1) were "at work," that is, those who did any work at all during the reference week as paid employees, worked in their own business or profession, worked on their own farm, or worked 15 hours or more as unpaid workers on a family farm or in a family business; or (2) were "with a job but not at work," that is, those who did not work during the reference week but had jobs or businesses from which they were temporarily absent due to illness, bad weather, industrial dispute, vacation, or other personal reasons. Excluded from the employed are people whose only activity consisted of work around the house or unpaid volunteer work for religious, charitable, and similar organizations; also excluded are all institutionalized people and people on active duty in the United States Armed Forces. Employed and Civilian Employed are synonymous.

Unemployed. The employed population includes all civilians 16 years old and over are classified as unemployed if they (1) were neither "at work" nor "with a job but not at work" during the reference week, and (2) were actively looking for work during the last 4 weeks, and (3) were available to start a job. Also included as unemployed are civilians who did not work at all during the reference week, were waiting to be called back to a job from which they had been laid off, and were available for work except for temporary illness.

Civilian Labor Force. The sum of people employed or unemployed in accordance with the criteria described above.

Unemployment Rate. The unemployment rate is the number of unemployed people as a percentage of the civilian labor force. For example, if the civilian labor force equals 100 people and seven people are unemployed, then the unemployment rate would be 7 percent.

Labor Force The labor force is the sum of the civilian labor force plus members of the U.S. Armed Forces (people on active duty with the United States Army, Air Force, Navy, Marine Corps, or Coast Guard).

Labor Force Participation Rate. The labor force participation rate is the proportion of the population that is in the labor force. For example, if there are 100 people in the population 16 years and over, and 64 of them are in the labor force, then the labor force participation rate for the population 16 years and over would be 64 percent.

Not in Labor Force. All people 16 years old and over who are not classified as members of the labor force. This category consists mainly of students, homemakers, retired workers, seasonal workers interviewed in an off-season who were not

looking for work, institutionalized people, and people doing only incidental unpaid family work (less than 15 hours during the reference week).

Worker. Workers appear in connection with several subjects: employment status, journey-to-work questions, class of worker, weeks worked in the past 12 months, and number of workers in family in the past 12 months. The meaning varies and, therefore, should be determined in each case by referring to the definition of the subject in which it appears. When used in the concepts "workers in family" and "full-time, year-round workers", the term "worker" relates to the meaning of work defined for the "work experience" subject.

Fertility. Fertility measures are useful to determine geographies with high numbers of women with births and the characteristics of these women, such as age and marital status. When fertility was not reported, it was imputed according to the woman's age and marital status and the possibility there was an infant in the household. Data are most frequently presented in terms of the aggregate number of women who had a birth in the past 12 months in the specified category, and in terms of the rate per 1,000 women.

Total Fertility Rate. This measure estimates the number of children a group of 1,000 women would have by the end of their childbearing years if they all experienced the same-age specific birth rates between ages 15-50 in a given year. This rate is used for comparisons among different population groups--for example, women in different geographical areas--as the rate accounts for differences in the age distribution in those areas. It is calculated by summing the age-specific birth rates for women in 5-year age groups between ages 15-19 and 40-44 and ages 45-50 and multiplying these rates by 5--or by 6 for the final age group--representing the number of years in each age group. The sum of these individual rates is then multiplied by 1,000 to represent the numbers of births per 1,000 women.

Hispanic or Latino Origin. The data on the Hispanic or Latino population were derived from answers to a question that was asked of all people. The terms "Hispanic", "Latino", and "Spanish" are used interchangeably. Origin can be viewed as the heritage, nationality group, lineage, or country of birth of the person or the person's parents or ancestors before their arrival in the United States. People who identify their origin as Hispanic, Latino, or Spanish may be of any race.

Household Type and Relationship. The data on relationship to householder are tabulated for all people in housing units. Relationship data are essential for classifying the population info families and other groups. Information about changes in the composition of the American family, from the number of people living alone to the number of children living with only one parent, is essential for planning and carrying out a number of federal programs, such as families in poverty.

Household. A household includes all the people who occupy a housing unit. People not living in households are classified as living in group quarters. A housing unit is a house, an apartment, a mobile home, a group of rooms, or a single room that is occupied (or if vacant, is intended for occupancy) as separate living quarters. Separate living quarters are those in which the occupants live separately from any other people in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated people who share living arrangements.

Appendix B: Tables Illustrating the Baseline Enrollment Projection Estimates

TABLE 7-A: LOW RANGE BASELINE COHORT SURVIVAL STATISTIC ENROLLMENT PROJECTIONS GRADES K-12

ALTMAR-PARISH-WILLIAMSTOWN CENTRAL SCHOOL DISTRICT

YEAR	KNDG	R	1ST	R	2ND	R	3RD	R	4TH	R	5TH	R	6TH	R	7TH	R	8TH	R	9TH	R	10TH	R	11TH	R	12TH	TOTAL
12-13	96		97		96		91		105		90		106		96		104		98		102		119		101	1301
13-14	87	1.01	97	0.93	90	0.95	91	1.05	96	0.98	103	1.02	92	0.98	104	1.00	96	1.01	105	0.99	97	1.00	102	0.94	112	1272
14-15	79	1.07	93	0.95	92	0.94	85	1.03	94	1.07	103	0.93	96	1.03	95	0.97	101	1.05	101	1.03	108	1.09	106	0.92	94	1247
15-16	71	0.95	75	0.97	90	0.95	87	0.96	82	0.90	85	0.96	99	0.95	91	0.98	93	0.98	99	0.91	92	1.01	109	0.99	105	1178
16-17	73	1.17	83	1.07	80	0.98	88	0.98	85	1.02	84	1.02	87	1.02	101	1.05	96	1.02	95	1.02	101	1.02	94	0.85	93	1160
17-18	88	0.97	71	0.99	82	1.01	81	0.98	86	1.01	86	1.07	90	1.07	93	0.90	91	1.01	97	0.94	89	1.07	108	1.03	97	1159
Average Ratio		1.034		0.980		0.966		1.001		0.999		1.002		1.010		0.981		1.015		0.977		1.039		0.948		
18-19	74		91		70		79		81		86		86		91		91		92		95		92		102	1131
19-20	71		77		89		67		79		81		86		87		89		93		90		98		88	1095
20-21	69		73		75		86		67		79		81		87		85		91		90		94		93	1072
21-22	67		71		72		72		86		67		79		82		85		87		88		94		89	1041
22-23	65		69		70		69		72		86		67		80		80		87		85		92		89	1012
23-24	63		67		68		68		70		72		86		68		79		82		85		88		87	982
24-25	61		65		66		66		68		69		73		87		67		80		80		88		83	952
25-26	59		63		64		64		66		68		70		73		86		68		78		83		83	923
26-27	58		61		62		62		64		66		68		70		72		87		66		81		79	894
27-28	56		60		60		60		62		64		66		68		69		73		85		69		77	867

TABLE 7-B: MID RANGE BASELINE COHORT SURVIVAL STATISTIC ENROLLMENT PROJECTIONS GRADES K-12

ALTMAR-PARISH-WILLIAMSTOWN CENTRAL SCHOOL DISTRICT

YEAR	KNDG	R	1ST	R	2ND	R	3RD	R	4TH	R	5TH	R	6TH	R	7TH	R	8TH	R	9TH	R	10TH	R	11TH	R	12TH	TOTAL
12-13	96		97		96		91		105		90		106		96		104		98		102		119		101	1301
13-14	87	1.01	97	0.93	90	0.95	91	1.05	96	0.98	103	1.02	92	0.98	104	1.00	96	1.01	105	0.99	97	1.00	102	0.94	112	1272
14-15	79	1.07	93	0.95	92	0.94	85	1.03	94	1.07	103	0.93	96	1.03	95	0.97	101	1.05	101	1.03	108	1.09	106	0.92	94	1247
15-16	71	0.95	75	0.97	90	0.95	87	0.96	82	0.90	85	0.96	99	0.95	91	0.98	93	0.98	99	0.91	92	1.01	109	0.99	105	1178
16-17	73	1.17	83	1.07	80	0.98	88	0.98	85	1.02	84	1.02	87	1.02	101	1.05	96	1.02	95	1.02	101	1.02	94	0.85	93	1160
17-18	88	0.97	71	0.99	82	1.01	81	0.98	86	1.01	86	1.07	90	1.07	93	0.90	91	1.01	97	0.94	89	1.07	108	1.03	97	1159
Average Ratio		1.034		0.980		0.966		1.001		0.999		1.002		1.010		0.981		1.015		0.977		1.039		0.948		
18-19	86		91		70		79		81		86		86		91		91		92		95		92		102	1143
19-20	75		89		89		67		79		81		86		87		89		93		90		98		88	1112
20-21	60		78		87		86		67		79		81		87		85		91		90		94		93	1079
21-22	78		62		76		84		86		67		79		82		85		87		88		94		89	1058
22-23	70		81		61		73		84		86		67		80		80		87		85		92		89	1035
23-24	68		72		79		59		73		84		86		68		79		82		85		88		87	1010
24-25	67		70		71		76		59		73		84		87		67		80		80		88		83	986
25-26	65		69		69		68		76		59		74		85		86		68		78		83		83	963
26-27	64		67		68		67		69		76		59		74		84		87		66		81		79	940
27-28	62		66		66		66		67		68		76		59		73		85		85		69		77	919

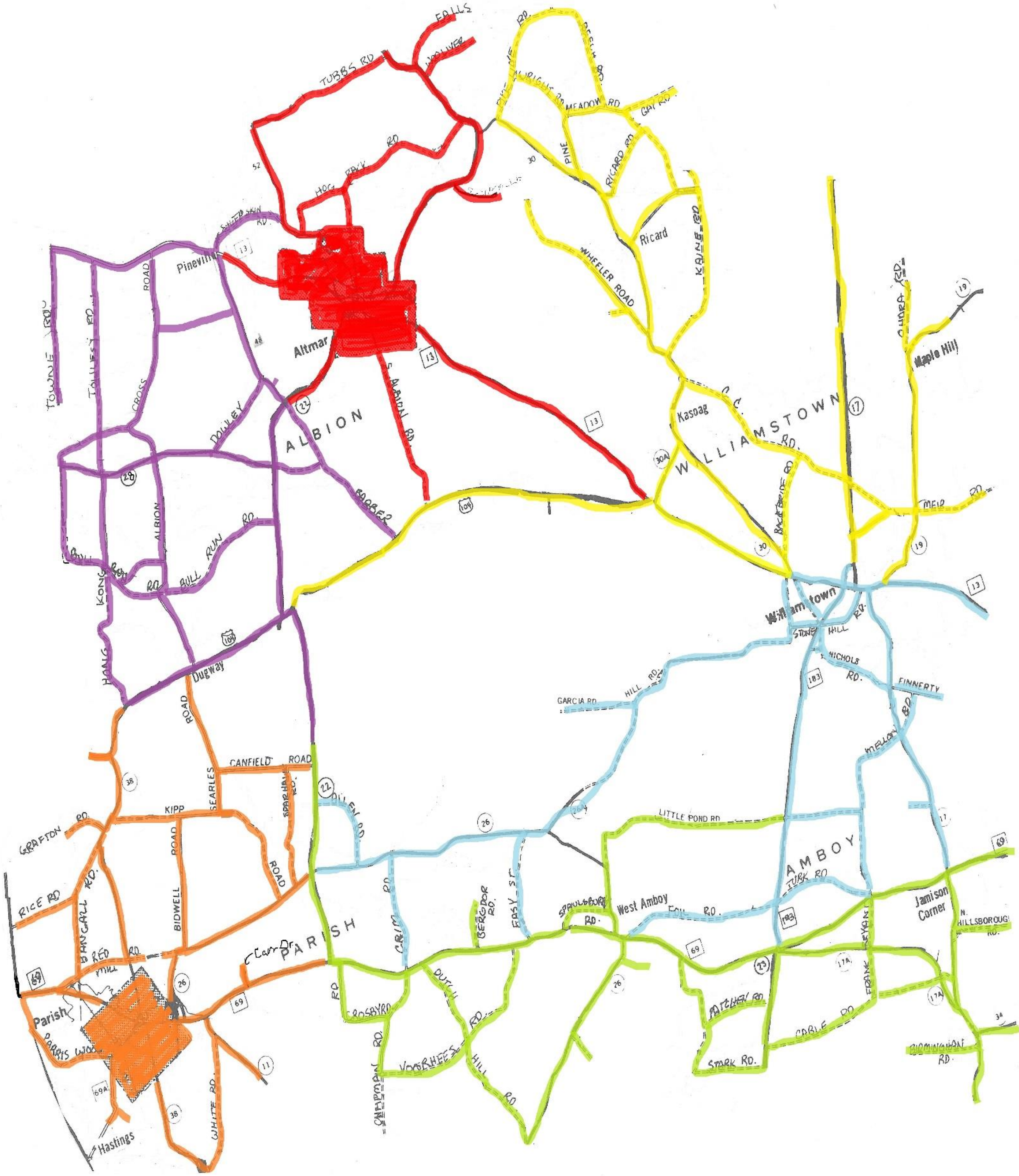
TABLE 7-C: HIGH RANGE BASELINE COHORT SURVIVAL STATISTIC ENROLLMENT PROJECTIONS GRADES K-12

ALTMAR-PARISH-WILLIAMSTOWN CENTRAL SCHOOL DISTRICT

YEAR	KNDG	R	1ST	R	2ND	R	3RD	R	4TH	R	5TH	R	6TH	R	7TH	R	8TH	R	9TH	R	10TH	R	11TH	R	12TH	TOTAL
12-13	96		97		96		91		105		90		106		96		104		98		102		119		101	1301
13-14	87	1.01	97	0.93	90	0.95	91	1.05	96	0.98	103	1.02	92	0.98	104	1.00	96	1.01	105	0.99	97	1.00	102	0.94	112	1272
14-15	79	1.07	93	0.95	92	0.94	85	1.03	94	1.07	103	0.93	96	1.03	95	0.97	101	1.05	101	1.03	108	1.09	106	0.92	94	1247
15-16	71	0.95	75	0.97	90	0.95	87	0.96	82	0.90	85	0.96	99	0.95	91	0.98	93	0.98	99	0.91	92	1.01	109	0.99	105	1178
16-17	73	1.17	83	1.07	80	0.98	88	0.98	85	1.02	84	1.02	87	1.02	101	1.05	96	1.02	95	1.02	101	1.02	94	0.85	93	1160
17-18	88	0.97	71	0.99	82	1.01	81	0.98	86	1.01	86	1.07	90	1.07	93	0.90	91	1.01	97	0.94	89	1.07	108	1.03	97	1159
Average Ratio		1.034		0.980		0.966		1.001		0.999		1.002		1.010		0.981		1.015		0.977		1.039		0.948		
18-19	94		91		70		79		81		86		86		91		91		92		95		92		102	1151
19-20	83		97		89		67		79		81		86		87		89		93		90		98		88	1128
20-21	68		86		95		86		67		79		81		87		85		91		90		94		93	1103
21-22	90		70		84		92		86		67		79		82		85		87		88		94		89	1094
22-23	82		93		69		81		92		86		67		80		80		87		85		92		89	1084
23-24	81		85		91		67		81		92		86		68		79		82		85		88		87	1071
24-25	81		84		83		88		67		81		92		87		67		80		80		88		83	1061
25-26	81		84		82		80		88		67		81		93		86		68		78		83		83	1054
26-27	81		84		82		79		80		88		67		82		91		87		66		81		79	1047
27-28	80		84		82		79		79		80		88		67		81		93		85		69		77	1044

BASE COHORT ENROLLMENT PROJECTIONS SUMMARY FOR ALTMAR-PARISH-WILLIAMSTOWN CENTRAL SCHOOL DISTRICT

	LOW RANGE PROJECTION			MID RANGE PROJECTION			HIGH RANGE PROJECTION		
YEAR	**K-6**	**7-12**	***TOTAL K-12***	**K-6**	**7-12**	***TOTAL K-12***	**K-6**	**7-12**	***TOTAL K-12***
2018	*567*	*564*	***1131***	*579*	*564*	***1143***	*587*	*564*	***1151***
2019	*550*	*545*	***1095***	*567*	*545*	***1112***	*583*	*545*	***1128***
2020	*531*	*540*	***1072***	*538*	*540*	***1079***	*563*	*540*	***1103***
2021	*515*	*525*	***1041***	*533*	*525*	***1058***	*569*	*525*	***1094***
2022	*500*	*513*	***1012***	*523*	*513*	***1035***	*571*	*513*	***1084***
2023	*494*	*488*	***982***	*522*	*488*	***1010***	*583*	*488*	***1071***
2024	*467*	*485*	***952***	*501*	*485*	***986***	*576*	*485*	***1061***
2025	*452*	*471*	***923***	*480*	*483*	***963***	*563*	*491*	***1054***
2026	*439*	*455*	***894***	*469*	*470*	***940***	*561*	*486*	***1047***
2027	*426*	*441*	***867***	*471*	*447*	***919***	*573*	*471*	***1044***


TUBBS RD
MEADOW RD
PINE
RICARD RD
Ricard
WHEELER ROAD
Pineville
Altmar
ALBION
DOWLEY
CROSS
ROAD
ALBION
BULL RUN RD
Dugway
WILLIAMSTOWN
Kasoag
Maple Hill
MEIR RD
Williamstown
STONE HILL RD
NICHOLS RD
FINNERTY
GARCIA RD
HILL RD
CANFIELD ROAD
KIPP
SEARLES
GRAFTON RD
RICE RD
BIDWELL
ROAD
LITTLE POND RD
AMBOY
TURK RD
West Amboy
Jamison Corner
PARISH
Parish
Hastings
WHITE RD
VOORHEES RD
DUTCH HILL RD
STARK RD.
CABLE RD
FOIL RD.