

Enrollment Projection Update
for the
Marple Newtown School District

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November 28, 2018

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The Methodology used in projecting enrollments is the recommended method of the PDE and is known as “Cohort Survival” or “Grade Level Progression”.

Historic Enrollments are from the annual October reports as provided on the PDE website.

School Year Live Births in the district have been generally increasing from a low of 267 Births in 2012-13, to a recent high of 335 Births in year 2017-18.

The 6-year average of 305 Births is used in the projection for those years not yet available but required for the projection.

The 6-year trend in the District is for 12 more births each year.

Historic Residential permitting for new construction (2004-18) peaked at 210 units in year 2016. Permitting in the last 6 years has averaged 164 units skewed by large increases in the 5 most recent years..

Proposed New Housing includes seven single and multi-family projects totaling 871 units over 5 years. 418 (47%) of the units are not approved at this date, but are included in the impact assessment.

Occupancies levels during the projection period are anticipated to be less than the recent historic 164 average units per year such that NO ADJUSTMENT is made to the standard Cohort Survival projection.

Students from New Housing is projected at a total of 274 of which 219 (80%) would attend the Marple Newtown Schools. 80% of those students are in the Culbertson Attendance area.

Increases from these students, and from resale of existing housing, are “built into” the standard projection.

Historic Enrollments in the District were generally decreasing for 3 years and then increasing for 3 years coincident with new housing and with recovery from the recession in existing housing. Total Enrollment increased 110 students in the last 3 years.

District-wide Enrollments will increase in the projection period, by 275 students, to 3,659 in year 2023 at the end of the projection.

Elementary Enrollments for Grades K-5, which were at a low of 1350 students in year 2014 increased to 1,534 in 2018, all in the historic period. Elementary enrollments will increase by 106 students to 1640 students in year 2023 at the end of the 5-year projection period.

Culbertson ES peaks at 505 students in year 2022, about 100 students above capacity.

Loomis ES peaks at 409 students in year 2021, at the 408 student capacity. If the Diocesan property is developed, enrollment could peak at 520 students in 2023

Elementary enrollments will peak in year 2023 at the end of the 5-year projection period.

Only Culbertson ES enrollments will exceed capacity.

Executive Summary

Russell ES peaked in the historic period in year 2016 at 375 students, and remains substantially under capacity.

Worrall ES peaks at 408 students in year 2022, 7 students above the 401 student capacity.

Middle School Enrollments for Grades 6-8, which decreased to 757 students in the historic period, will peak at 872 students in year 2023 at the end of the projection period.

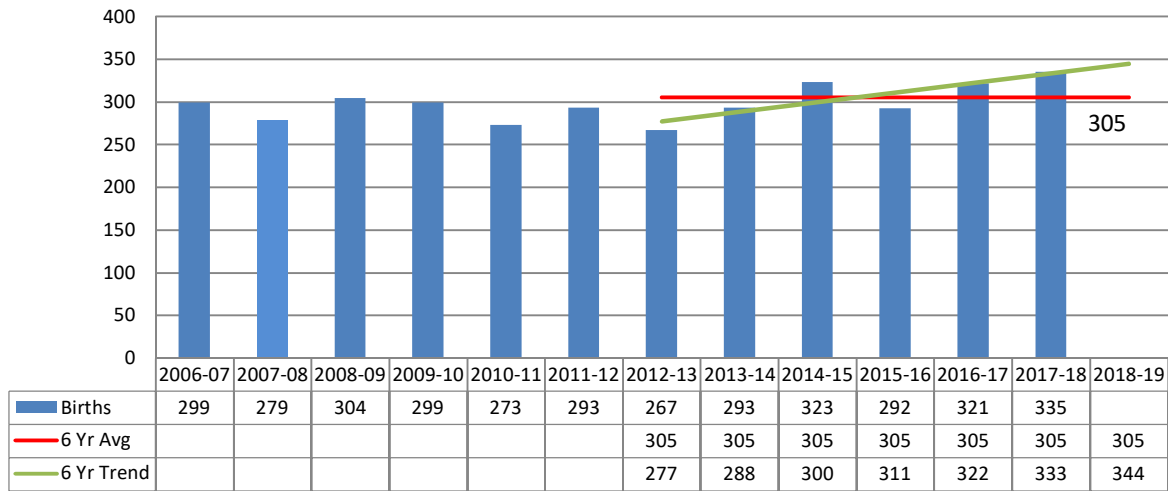
High School Enrollments for Grades 9-12, which were at 1,163 students at the beginning of the historic period, decreased by 70 students to 1,093 students in 2018 at the end of the historic period, and will begin to increase to 1,047 in year 2019 in the projection period, before increasing to 1,147 in year 2023 at the end of the projection period.

Middle School will peak in year 2023 at the end of the projection after increasing 115 students

High School enrollments will peak in year 2023 at the end of the projection period after increasing 54 students.



MNSD Combined School Year Births



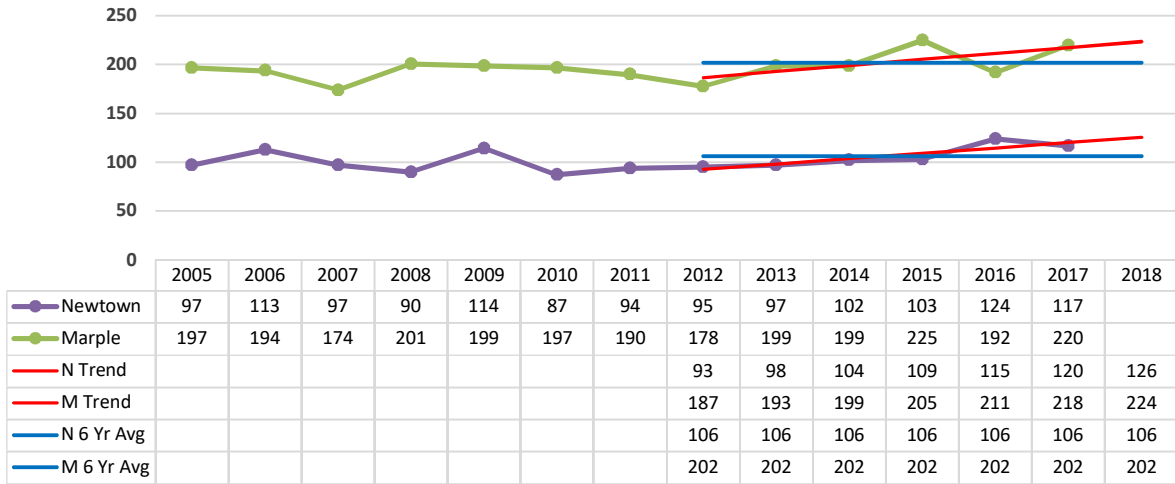
The combined 6-year average of the "School Year" Births of 305 is used in the projection for future years for which Births are not yet available.

The average 2 years ago was 290.

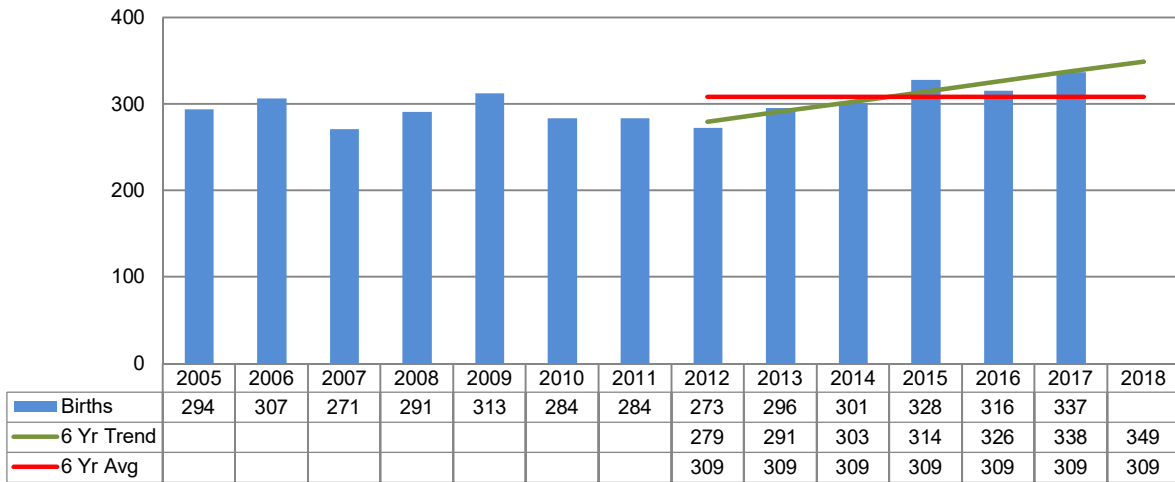
The 6-year trend is for an increase of 12 births every year.

School Year Births, Sept-August, correlate with enrollments better than Calendar Year births.

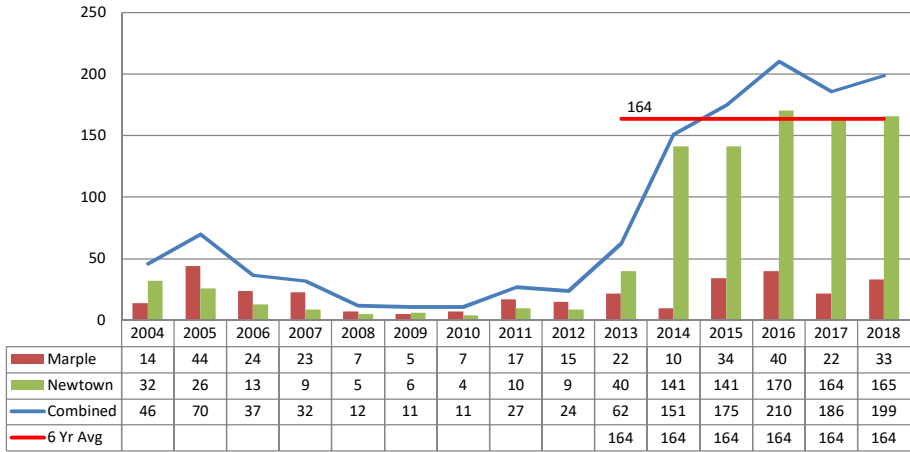
MNSD Births by Municipality & Calendar Year



MNSD Combined Calendar Year Births



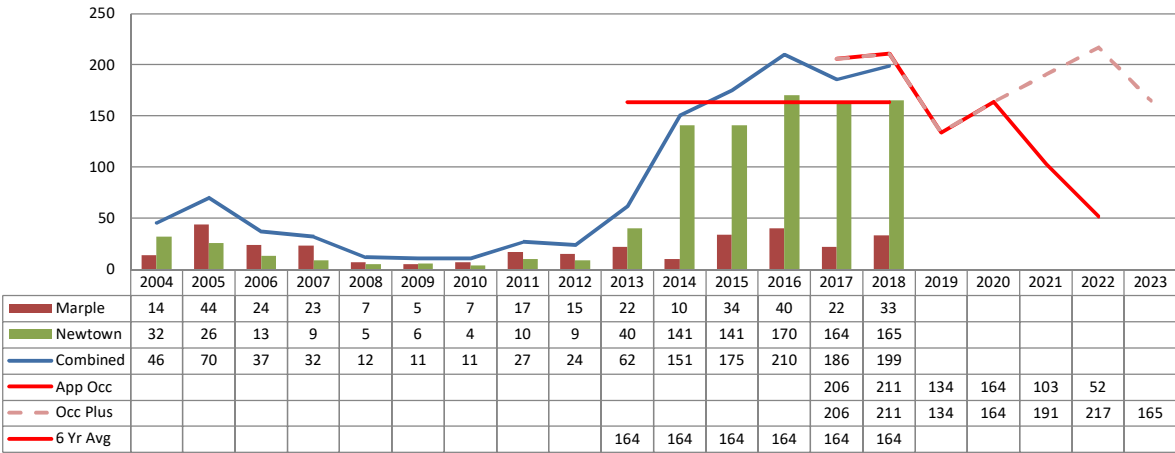
Historic Residential Building Permits 2004-18



< The average of new Permits over the last 6 years is 164 units annually.

Adjustments to standard Cohort Survival projections, for New Housing, are only made when the future Occupancies are above that 6-year Permitting Average, and they are not.

Residential Building Permits and Projected Occupancies to 2023



Marple Newtown SD: Impact of New Housing on the Resident Population

Future Housing

	Type	Bdrms	Unit Count	2017	2018	2019	2020	2021	2022	2023	Total Remain
Liseter <i>303 Orchard Lane, NSq</i>	SF Carriage	3-4 Bdrm	449	50	50	50	50	39			139
	& SF Twins		449	50	50	50	50	39			139
Ellis Preserve <i>400 Charles Ellis Dr. Newtown Square</i>	Apt	1 Bdrm	126	63	63						0
	Apt	2 Bdrm	126	63	63						0
	TH	2 Bdrm	33			11	11	11			33
	TH	3 Bdrm	43			11	11	11	10		43
			328	126		22	22	22	10		76
Grand at Muirwood Hill <i>3596 Muirwood Dr., NSq</i>	TH	3 Brdm	137	20							0
	Sold Out		137	20							0
Ravenscliff at Media <i>301 Corvus Circle, Media</i>	TH-Ph2	3 Bdrm		4							0
	TH-Ph3	3 Bdrm	138		50	50	38				88
				4	50	50	38				88
Fox Hollow <i>10 Gamma Dr, Broomall</i>	SF	3-4 Bdrm	12	6	6						0
			12	6	6						0
Vill of Four Seasons <i>Media Line Rd. & SR 252, Media</i>	SF	3-4 Bdrm	36		12	12	12				24
			36		12	12	12				24
Langford Run MXD <i>WChPk & Lawrence Rd. Marple Assoc</i>	THs	2 Bdrm	90				30	30	30		90
		3 Bdrm	36				12	12	12		36
			126				42	42	42		126
Langford Gardens <i>287 Langford Age Restricted</i>	THs	1 Bdrm	10		10						0
		2 Bdrm	20		20						0
			126		30						0
			Approved	206	211	134	164	103	52	0	453
Newtown Golf Village <i>4600 West Chester Pike</i>	Condo/Flat	1 Bdrm	48					12	18	18	48
		2 Bdrm	272					68	102	102	272
		3 Bdrm	32					8	12	12	32
			352					88	132	132	352
James Nolan <i>Whitehorse & Wayland</i>	SF	3-4 Bdrm	28						14	14	28
	Clustered	2-3 Bdrm	38						19	19	38
			66						33	33	66
			NOT Approved					88	165	165	418
			TOTAL	206	211	134	164	191	217	165	871

453 units of Approved housing are planned for occupancy from 2019 to 2023, the 5-year period of the projection. An additional 418 units, from 2 projects, are not yet approved, but have been submitted for review.

ALL School Age Children

	Type	Bdrms	SAC/ Unit	2017	2018	2019	2020	2021	2022	2023	Total
Liseter <i>303 Orchard Lane, NSq</i>	SF Carriage	3-4 Bdrm	1.02	51.0	51.0	51.0	51.0	39.8	0.0	0.0	142
	& SF Twins			51.0	51.0	51.0	51.0	39.8	0.0	0.0	142
Ellis Preserve <i>400 Charles Ellis Dr. Newtown Square</i>	Apt	1 Bdrm	0.04	2.5	2.5	0.0	0.0	0.0	0.0	0.0	0
	Apt	2 Bdrm	0.07	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0
	TH	2 Bdrm	0.06	0.0	0.0	0.7	0.7	0.7	0.0	0.0	2
	TH	3 Bdrm	0.21	0.0	0.0	2.3	2.3	2.3	2.1	0.0	9
				6.9	6.9	3.0	3.0	3.0	2.1	0.0	11
Grand at Muirwood Hill <i>3596 Muirwood Dr., NSq</i>	TH	3 Bdrm	0.21	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0
				4.2	0.0	0.0	0.0	0.0	0.0	0.0	0
Ravenscliff at Media <i>301 Corvus Circle, Media</i>	TH-Ph2	3 Bdrm	0.21	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0
	TH-Ph3	3 Bdrm	0.21	0.0	10.5	10.5	8.0	0.0	0.0	0.0	18
				0.8	10.5	10.5	8.0	0.0	0.0	0.0	18
Fox Hollow <i>10 Gamma Dr, Broomall</i>	SF	3-4 Bdrm	0.21	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0
				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
Vill of Four Seasons <i>Media Line Rd. & SR 252, Media</i>	SF	3-4 Bdrm	0.21	0.0	2.5	2.5	2.5	0.0	0.0	0.0	5
				0.0	0.0	2.5	2.5	0.0	0.0	0.0	5
Langford Run mxD <i>WChPk & Lawrence Rd. Marple Assoc</i>	TH	2 Bdrm	0.06	0.0	0.0	0.0	1.8	1.8	1.8	0.0	5
	TH	3 Bdrm	0.21	0.0	0.0	0.0	2.5	2.5	2.5	0.0	8
				0.0	0.0	0.0	4.3	4.3	4.3	0.0	13
Langford Gardens <i>287 Langford Age Restricted at 30%</i>	TH	1 Bdrm	0.02	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0
	TH	2 Bdrm	0.06	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0
				0.0	1.4	0.0	0.0	0.0			0
			Approved	63.6	71.8	67.0	68.8	47.1	6.4	0.0	189
Newtown Golf Village <i>4600 West Chester Pike</i>	Condo/Flat	1 Bdrm	0.17	0.0	0.0	0.0	0.0	2.0	3.1	3.1	8
	Condo/Flat	2 Bdrm	0.16	0.0	0.0	0.0	0.0	10.9	16.3	16.3	44
	Condo/Flat	3 Bdrm	0.16	0.0	0.0	0.0	0.0	1.3	1.9	1.9	5
				0.0	0.0	0.0	0.0	14.2	21.3	21.3	57
James Nolan <i>Whitehorse & Wayland</i>	SF	3-4 Bdrm	0.75	0.0	0.0	0.0	0.0	0.0	10.5	10.5	21
	Clustered	3 Bdrm	0.19	0.0	0.0	0.0	0.0	0.0	3.6	3.6	7
				0.0	0.0	0.0	0.0	0.0	14.1	14.1	28
			Proposed-NOT Approved	0.0	0.0	0.0	0.0	14.2	35.4	35.4	85
			TOTAL								274

PUBLIC School Age Children at 80% SAC

	Type	Bdrms	PSAC/ Unit <i>not used</i>	2017	2018	2019	2020	2021	2022	2023	Total
Liseter <i>303 Orchard Lane, NSq</i>	SF Carriage & SF Twins	3-4 Bdrm	0.75	40.8	40.8	40.8	40.8	31.8	0.0	0.0	113
				40.8	40.8	40.8	40.8	31.8	0.0	0.0	113
Ellis Preserve <i>400 Charles Ellis Dr. Newtown Square</i>	Apt Apt TH TH	1 Bdrm 2 Bdrm 2 Bdrm 3 Bdrm	0.05 0.09 0.05 0.19	2.0 3.5 0.0 0.0	2.0 3.5 0.0 0.0	0.0 0.0 0.5 1.8	0.0 0.0 0.5 1.8	0.0 0.0 0.5 1.8	0.0 0.0 0.0 1.7	0.0 0.0 0.0 0.0	0 0 2 7 9
Grand at Muirwood Hill <i>3596 Muirwood Dr., NSq</i>	TH	3 Bdrm	0.19	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0
				3.4	0.0	0.0	0.0	0.0	0.0	0.0	0
Ravenscliff at Media <i>301 Corvus Circle, Media</i>	TH-Ph2 TH-Ph3	3 Bdrm 3 Bdrm	0.19 0.19	0.7 0.0	0.0 8.4	0.0 8.4	0.0 6.4	0.0 0.0	0.0 0.0	0.0 0.0	0 15 15
Fox Hollow <i>10 Gamma Dr, Broomall</i>	SF	3-4 Bdrm	0.75	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0
				1.0	1.0	0.0	0.0	0.0	0.0	0.0	0
Vill of Four Seasons <i>Media Line Rd. & SR 252, Media</i>	SF	3-4 Bdrm	0.75	0.0	2.0	2.0	2.0	0.0	0.0	0.0	4
				0.0	2.0	2.0	2.0	0.0	0.0	0.0	4
Langford Run mxD <i>WChPk & Lawrence Rd. Marple Assoc</i>	TH TH	2 Bdrm 3 Bdrm	0.05 0.19	0.0 0.0	0.0 0.0	0.0 0.0	1.4 2.0	1.4 2.0	1.4 2.0	0.0 0.0	4 6 10
Langford Gardens <i>287 Langford Age Restricted</i>	TH TH	1 Bdrm 2 Bdrm	0.00 0.05	0.0 0.0	0.0 1.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0 0 0
				0.0	1.0	0.0	0.0	0.0	0.0	0.0	0
			Approved	51.4	58.8	53.6	55.0	37.7	5.1	0.0	151
Newtown Golf Village <i>4600 West Chester Pike</i>	Condo/Flat Condo/Flat Condo/Flat	1 Bdrm 2 Bdrm 3 Bdrm	0.11 0.03 0.16	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	1.6 8.7 1.0	2.4 13.1 1.5	2.4 13.1 1.5	7 35 4 45
				0.0	0.0	0.0	0.0	11.4	17.0	17.0	45
James Nolan <i>Whitehorse & Wayland</i>	SF Clustered	3-4 Bdrm 2-3 Bdrm	1.02 0.21	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	8.4 2.9	8.4 2.9	17 6 23
				0.0	0.0	0.0	0.0	0.0	11.3	11.3	23
			NOT Approved	0.0	0.0	0.0	0.0	11.4	28.3	28.3	68
			TOTAL	51.4	58.8	53.6	55.0	49.0	33.5	28.3	219

80%

PUBLIC School Age Children by Year and Elementary School (80% SAC)

	2017	2018	2019	2020	2021	2022	2023	Total
CULBERTSON								
Ellis Preserve	5.5	5.5	2.4	2.4	2.4	1.7	0.0	9
Grand at Muirwood Hill	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0
Liseter	40.8	40.8	40.8	40.8	31.8	0.0	0.0	113
APPROVED	49.7	46.3	43.2	43.2	34.2	1.7	0.0	122
James Nolan	0.0	0.0	0.0	0.0	0.0	11.3	11.3	23
Newtown Golf	0.0	0.0	0.0	0.0	11.4	17.0	17.0	45
NOT APPROVED	0.0	0.0	0.0	0.0	11.4	28.3	28.3	68
TOTAL	49.7	46.3	43.2	43.2	45.6	30.0	28.3	190
LOOMIS								
Ravenscliff at Media	0.7	8.4	8.4	6.4	0.0	0.0	0.0	15
	0.7	8.4	8.4	6.4	0.0	0.0	0.0	15
RUSSELL								
Fox Hollow	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0
Langford Gardens	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0
Langford Run MXD	0.0	0.0	0.0	3.5	3.5	3.5	0.0	10
	1.0	2.0	0.0	3.5	3.5	3.5	0.0	10
WORRALL								
Vill of Four Seasons	0.0	2.0	2.0	2.0	0.0	0.0	0.0	4
	0.0	2.0	2.0	2.0	0.0	0.0	0.0	4
TOTAL APPROVED	76.2	81.9	96.8	98.2	83.2	35.1	28.3	151
NOT APPROVED	0.0	0.0	0.0	0.0	11.4	28.3	28.3	68
TOTAL	109.9	120.2	96.8	98.2	94.6	63.5	56.7	219

Between 150 and 220 students will be generated by New Housing in the next 5 years.

Culbertson will experience growth between 122 and 190 dependent upon approval of the two "Not Approved" projects.

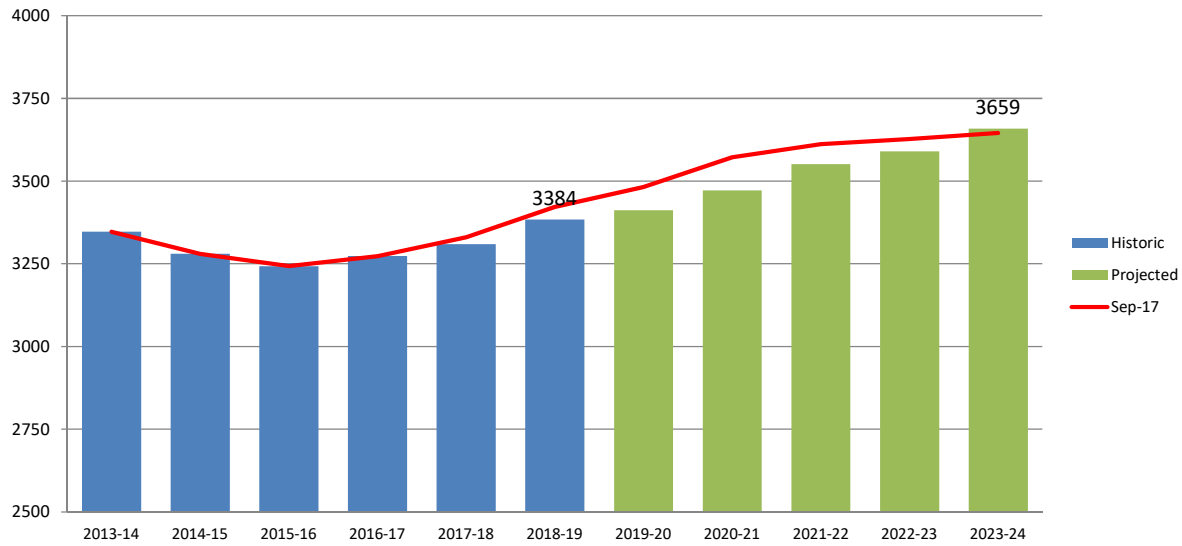
NO students from New Housing are added to the Standard Projection since the projected Occupancy level is less than the recent historic permitting/occupancy level. The historic levels have impacted the historic Survival Rates such that the recent level of growth is "built into" the standard projection.

Marple Newtown
District Wide

150-220 new students to Public Schools...No Adjustments are made to Standard Projection

All Schools														Period to Period			Sept 2017		
		K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	Average	Change	%	Report
Historic	2013-14	223	239	218	216	240	241	251	277	279	280	322	283	278	3,347				3,347
	2014-15	189	244	247	220	217	233	242	249	279	264	288	307	301	3,280				3,280
	2015-16	185	226	243	257	223	221	234	239	249	281	266	296	323	3,243				3,243
	2016-17	181	244	250	259	269	236	227	244	246	257	292	269	300	3,274	3,306			3,274
	2017-18	230	249	251	258	264	276	240	233	243	255	264	279	267	3,309				3,331
	2018-19	209	279	258	254	261	273	277	241	239	279	265	264	285	3,384		37	1.1%	3,423
Projected	2019-20	203	259	290	266	259	267	276	280	244	247	287	262	272	3,412				3,482
	2020-21	224	252	269	299	271	264	270	279	283	252	254	284	270	3,472				3,572
	2021-22	233	277	262	278	305	277	267	272	282	293	259	251	292	3,551	3,537			3,612
	2022-23	213	289	288	271	283	312	280	270	276	292	301	257	259	3,590				3,627
	2023-24	213	263	301	297	276	289	315	283	273	285	300	298	264	3,659		275	8.0%	3,645

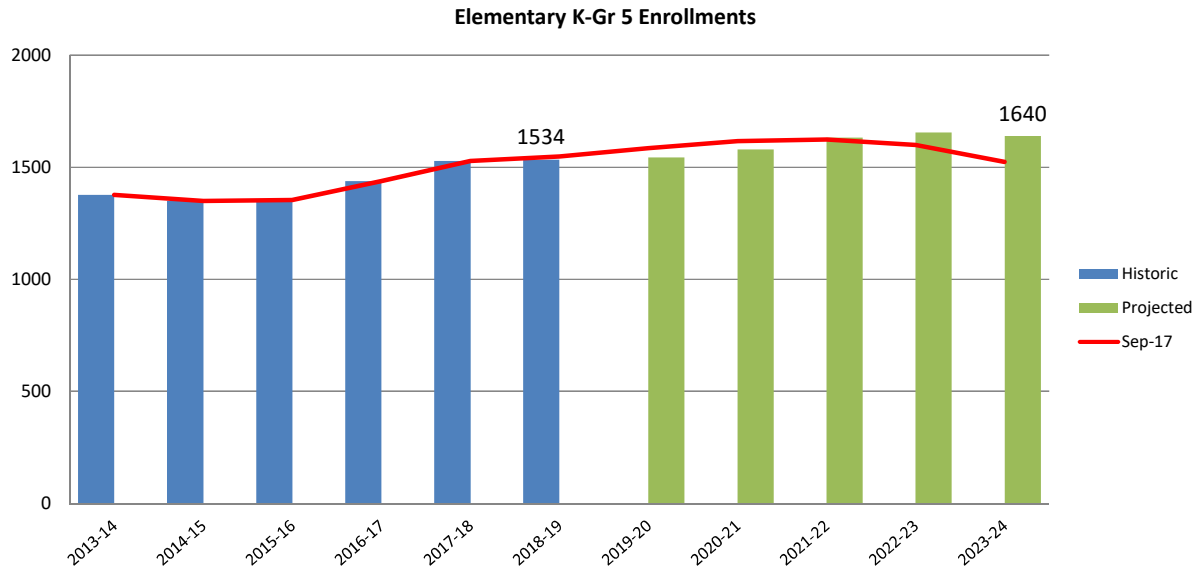
District Wide Comparative Enrollments K-12



Marple Newtown
Elementary K-Grade 5 Enrollments

No adjustment for students from new housing

		K	1	2	3	4	5	K-5 TOTAL	Period to Period			Sept 2017 Report
									Average	Change	%	
Historic	2013-14	223	239	218	216	240	241	1,377				1,377
	2014-15	189	244	247	220	217	233	1,350				1,350
	2015-16	185	226	243	257	223	221	1,355				1,355
	2016-17	181	244	250	259	269	236	1,439	1,431			1,439
	2017-18	230	249	251	258	264	276	1,528				1,529
	2018-19	209	279	258	254	261	273	1,534		157	11.4%	1,548
Projected	2019-20	203	259	290	266	259	267	1,544				1,585
	2020-21	224	252	269	299	271	264	1,580				1,618
	2021-22	233	277	262	278	305	277	1,633	1,611			1,625
	2022-23	213	289	288	271	283	312	1,656				1,599
	2023-24	213	263	301	297	276	289	1,640		106	6.8%	1,524

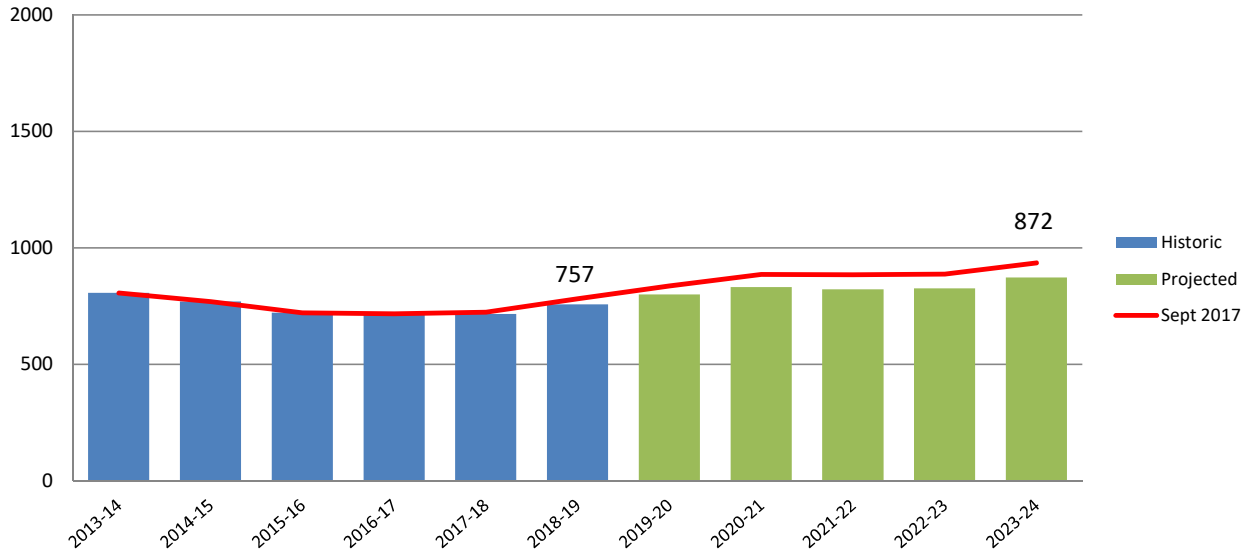


**Marple Newtown
Middle School Grade 6-8 Enrollments**

No adjustment for students from new housing

		Gr 5-8			Period to Period			Sept 2017 Report
		6	7	8	Average	Change	%	
Historic	2013-14	251	277	279	807			807
	2014-15	242	249	279	770			770
	2015-16	234	239	249	722			722
	2016-17	227	244	246	717	748		717
	2017-18	240	233	243	716			724
	2018-19	277	241	239	757		-50	-6.2%
Projected	2019-20	276	280	244	800			837
	2020-21	270	279	283	832			886
	2021-22	267	272	282	822	830		885
	2022-23	280	270	276	826			887
	2023-24	315	283	273	872		115	14.4%

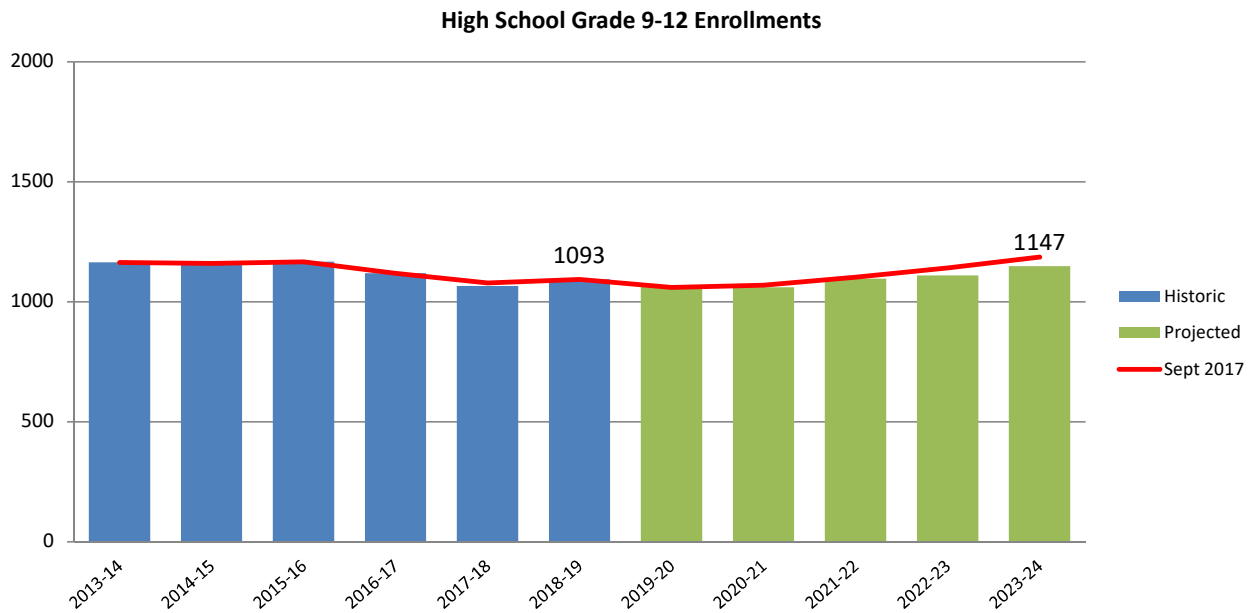
Middle School Gr 6-8 Enrollments



Marple Newtown
High School Grade 9-12 Enrollments

No adjustment for students from new housing

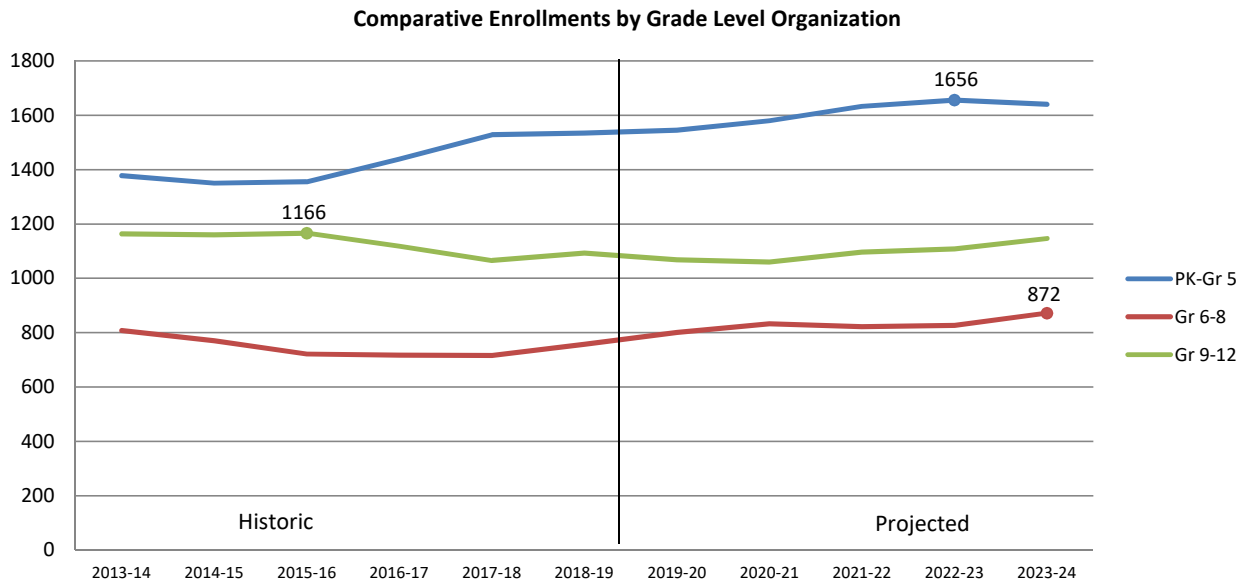
		9	10	11	12	Gr 9-12	Period to Period			Sept 2017
						TOTAL	Average	Change	%	Report
Historic	2013-14	280	322	283	278	1,163				1,163
	2014-15	264	288	307	301	1,160				1,160
	2015-16	281	266	296	323	1,166				1,166
	2016-17	257	292	269	300	1,118	1,128			1,118
	2017-18	255	264	279	267	1,065				1,078
	2018-19	279	265	264	285	1,093		-70	-6.0%	1,092
Projected	2019-20	247	287	262	272	1,068				1,059
	2020-21	252	254	284	270	1,060				1,069
	2021-22	293	259	251	292	1,096	1,096			1,103
	2022-23	292	301	257	259	1,108				1,140
	2023-24	285	300	298	264	1,147		54	5.1%	1,186



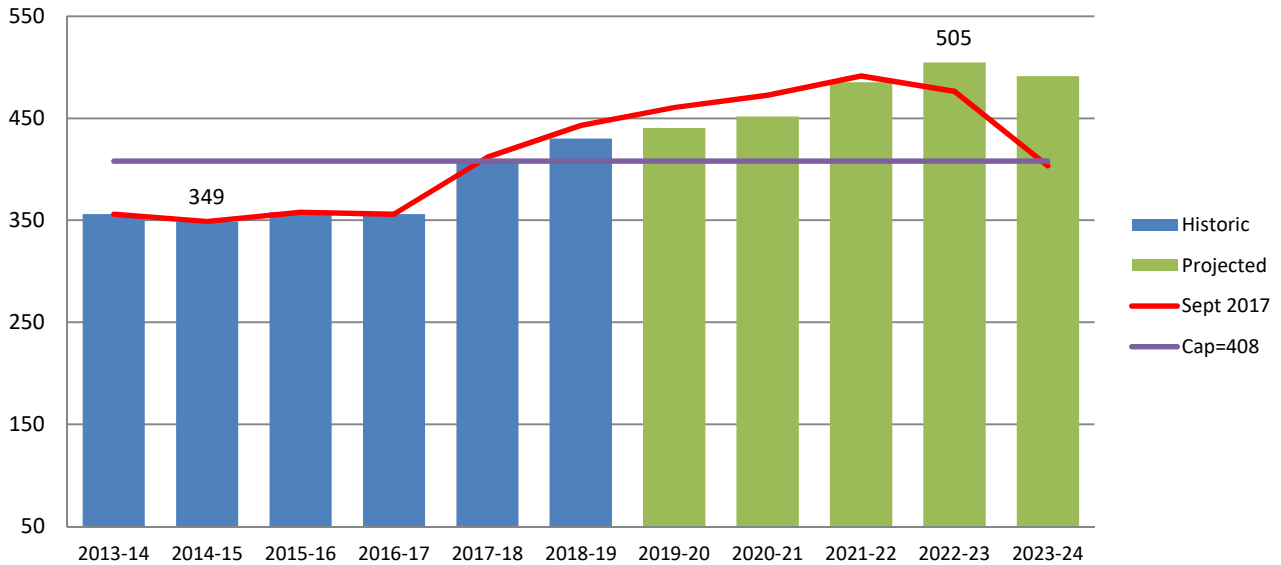
Marple Newtown
Comparative Enrollments by Grade Level Organization

		K-5	Gr 6-8	Gr 9-12	TOTAL
Historic	2013-14	1377	807	1163	3347
	2014-15	1350	770	1160	3280
	2015-16	1355	722	1166	3243
	2016-17	1439	717	1118	3274
	2017-18	1528	716	1065	3309
	2018-19	1534	757	1093	3384
Projected	2019-20	1544	800	1068	3412
	2020-21	1580	832	1060	3472
	2021-22	1633	822	1096	3551
	2022-23	1656	826	1108	3590
	2023-24	1640	872	1147	3659

■ HIGH
 ■ LOW



Culbertson ES Enrollment by Year



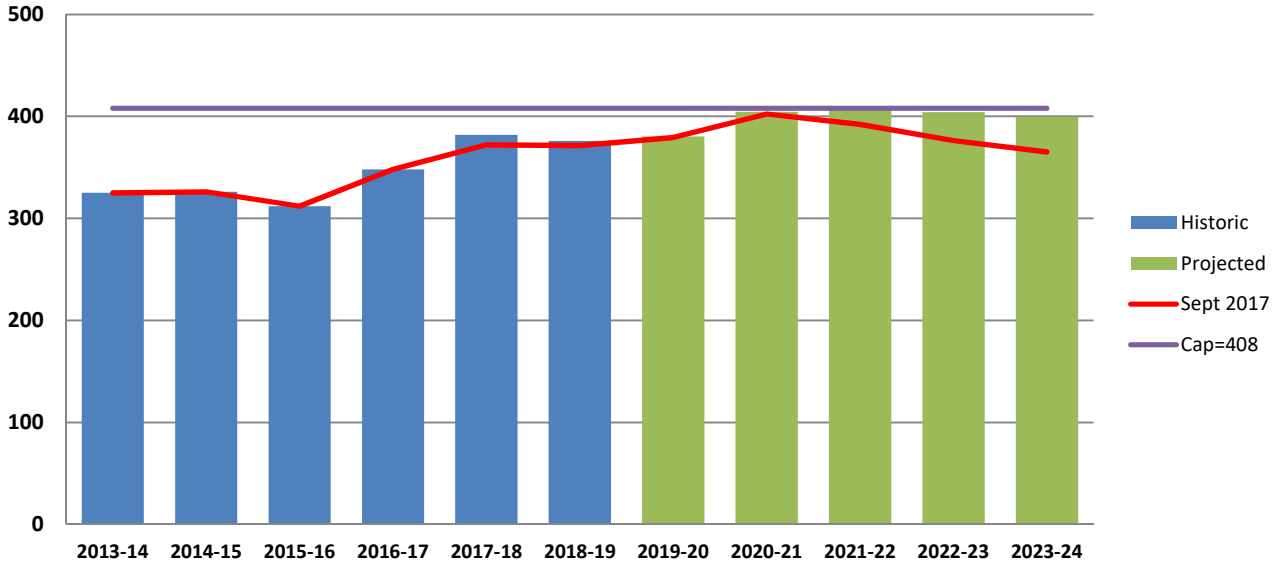
Culbertson Elementary School

		K	1	2	3	4	5	TOTAL	Period to Period			Sept 2017 Report
									Average	Change	%	
Historic	2013-14	41	73	59	49	69	65	356				356
	2014-15	40	64	72	61	51	61	349				349
	2015-16	39	64	66	76	60	53	358				358
	2016-17	35	46	72	67	72	64	356	376			356
	2017-18	73	64	53	74	72	73	409				412
	2018-19	75	88	64	55	74	74	430		74	20.8%	443
Projected	2019-20	50	102	93	66	55	74	440				461
	2020-21	55	72	108	95	66	56	452				473
	2021-22	57	79	76	110	96	67	485	475			492
	2022-23	52	82	83	78	112	97	505				477
	2023-24	52	75	87	86	79	113	491		61	13.9%	404

Growth of 61 students at the elementary level is consistent with the overall growth of 122 new students in the Culbertson attendance area projected at all grade levels.

More than 80% of all new housing is in the Culbertson attendance area.

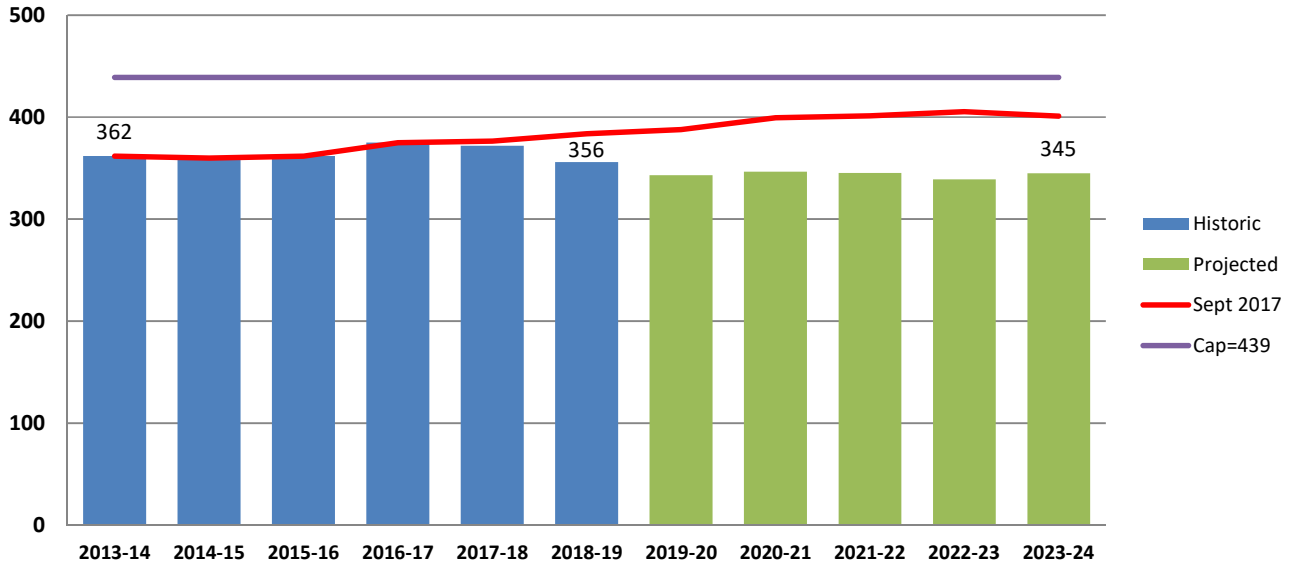
Loomis ES Enrollment by Year



Loomis Elementary School

		K	1	2	3	4	5	TOTAL	Period to Period			Sept 2017 Report
									Average	Change	%	
Historic	2013-14	41	58	59	49	61	57	325				325
	2014-15	36	63	61	58	45	63	326				326
	2015-16	34	41	60	67	63	47	312				312
	2016-17	36	74	45	64	69	60	348	345			348
	2017-18	45	75	75	51	63	73	382				372
	2018-19	41	72	77	73	49	64	376		51	15.7%	372
Projected	2019-20	39	65	74	81	73	50	380				379
	2020-21	43	64	66	77	80	74	405				402
	2021-22	45	71	66	69	77	82	409	400			392
	2022-23	41	74	73	69	69	79	404				376
	2023-24	41	67	76	76	69	71	400		24	6.2%	365

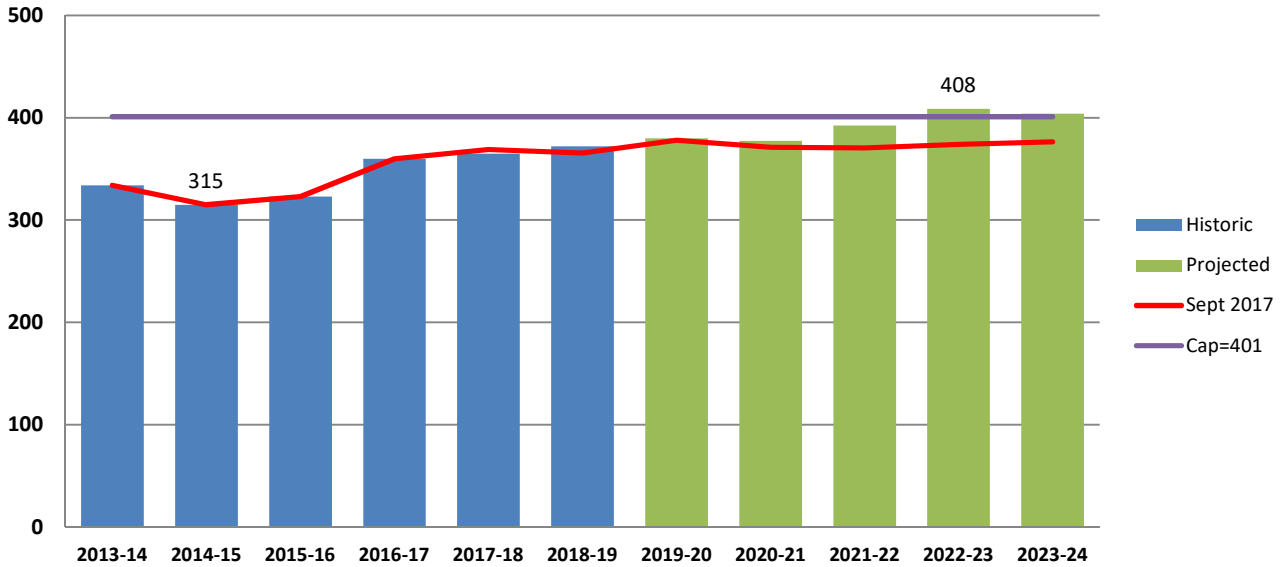
Russell ES Enrollment by Year



Russell Elementary School

		K	1	2	3	4	5	TOTAL	Period to Period			Sept 2017 Report
									Average	Change	%	
Historic	2013-14	74	53	59	63	55	58	362				362
	2014-15	75	62	52	53	65	53	360				360
	2015-16	76	52	64	51	53	66	362				362
	2016-17	73	60	55	68	58	61	375	365			375
	2017-18	72	54	61	55	70	60	372				377
	2018-19	54	48	59	62	59	74	356		-6	-1.7%	384
Projected	2019-20	71	37	49	58	65	61	343				388
	2020-21	79	52	38	49	61	68	347				400
	2021-22	82	57	53	38	51	64	345	344			401
	2022-23	75	59	59	53	40	54	339				405
	2023-24	75	54	61	58	56	42	345		-11	-3.2%	401

Worrall ES Enrollment by Year



Worrall Elementary School

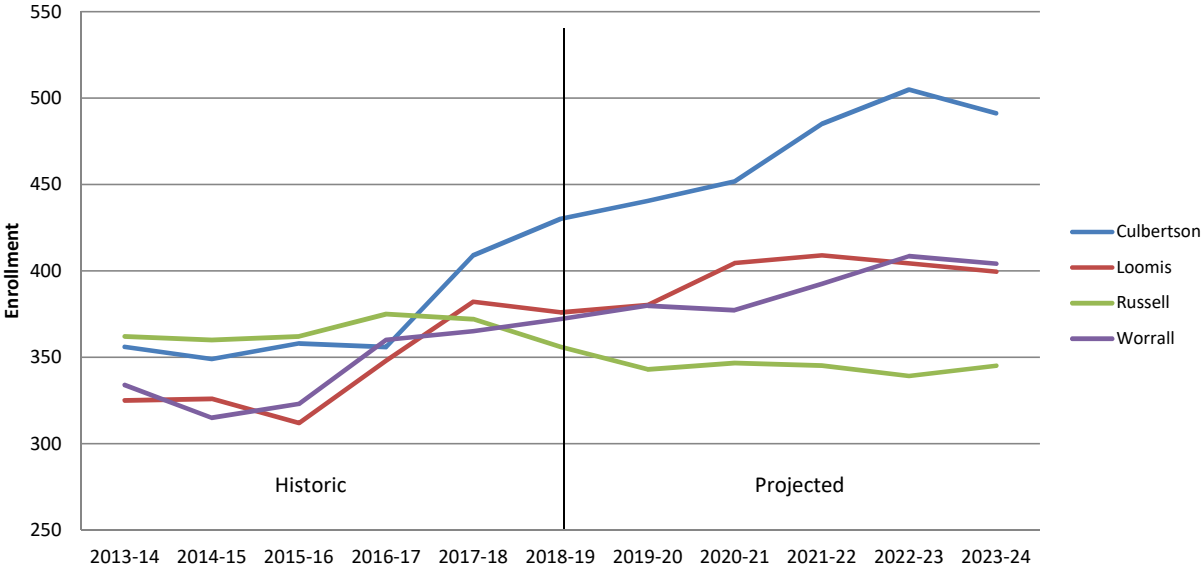
		K	1	2	3	4	5	TOTAL	Period to Period			Sept 2017 Report
									Average	Change	%	
Historic	2013-14	67	55	41	55	55	61	334				334
	2014-15	38	55	62	48	56	56	315				315
	2015-16	36	69	53	63	47	55	323				323
	2016-17	37	64	78	60	70	51	360	345			360
	2017-18	40	56	62	78	59	70	365				369
	2018-19	39	71	58	64	79	61	372		38	11.4%	366
Projected	2019-20	43	55	74	62	65	81	380				378
	2020-21	47	64	58	79	63	67	377				371
	2021-22	49	71	67	61	80	64	392	392			371
	2022-23	45	74	74	71	63	82	408				374
	2023-24	45	67	77	78	73	64	404		32	8.4%	376

Comparative Elementary School Enrollments

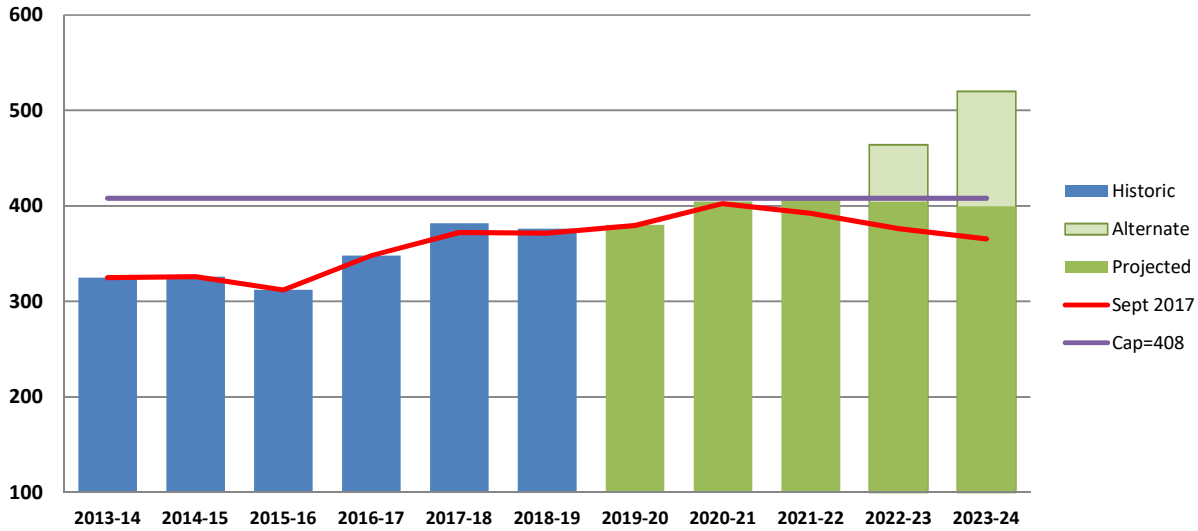
		Culbertson	Loomis	Russell	Worrall
Historic	2013-14	356	325	362	334
	2014-15	349	326	360	315
	2015-16	358	312	362	323
	2016-17	356	348	375	360
	2017-18	409	382	372	365
	2018-19	430	376	356	372
Projected	2019-20	440	380	343	380
	2020-21	452	405	347	377
	2021-22	485	409	345	392
	2022-23	505	404	339	408
	2023-24	491	400	345	404

Low
High

Comparative Enrollments: Elementary Schools



Loomis ES Enrollment by Year



Loomis Elementary School

		K	1	2	3	4	5	TOTAL	Period to Period			Sept 2017 Report	Alt
									Average	Change	%		
Historic	2013-14	41	58	59	49	61	57	325				325	
	2014-15	36	63	61	58	45	63	326				326	
	2015-16	34	41	60	67	63	47	312				312	
	2016-17	36	74	45	64	69	60	348	345			348	
	2017-18	45	75	75	51	63	73	382				372	
	2018-19	41	72	77	73	49	64	376		51	15.7%	372	
Projected	2019-20	39	65	74	81	73	50	380				379	
	2020-21	43	64	66	77	80	74	405				402	
	2021-22	45	71	66	69	77	82	409	400			392	
	2022-23	41	74	73	69	69	79	404				376	464
	2023-24	41	67	76	76	69	71	400		24	6.2%	365	520
Alternate	2022-23	51	84	83	79	79	89	464					
	2023-24	61	87	96	96	89	91	520		115	28.1%		

At the Loomis School, an **Alternate Projection** is made for the the Diocesan Property on which there is a "by right" claim for 230 single-family and twin homes on the 212 acre site that could generate 124 students, half of which, or 62, would attend Loomis Elementary School.

Over the 6 elementary grades and as an approximation, 10 students are added to each grade in 2022 and 20 students are added to each grade in 2023

UNIT COUNT

Type	Bdrms	#	2017	2018	2019	2020	2021	2022	2023	Total
SF Attached	2 Bdrm	50						25	25	50
SF Attached	3 Bdrm	50						25	25	50
SF Detached	3 Bdrm	40						20	20	40
SF Detached	4 Bdrm	90						45	45	90
TOTAL		230						115	115	230

PSAC

Type	Bdrms	Mult	2017	2018	2019	2020	2021	2022	2023	Total
SF Attached	2 Bdrm	0.15						4	4	8
SF Attached	3 Bdrm	0.36						9	9	18
SF Detached	3 Bdrm	0.56						11	11	22
SF Detached	4 Bdrm	0.84						38	38	76
TOTAL								62	62	124

Standard Cohort-Survival Enrollment Projection Worksheet

DISTRICT NAME: **Marple Newtown**

COUNTY: **Delaware**

DATA ISSUES: **Enrollments are from the Oct 1 reports.**

"s" = survival rate

School Year	Births 5 Sch Yrs Ago	Births "s"	K	1st Gr.	2nd Gr.	3rd Gr.	4th Gr.	5th Gr.	K-5 Subt.	EUG	K-5 Total (excl. PK)	PK SCSE	PK 3 yrs.	PK 4 yrs.	PK-5 Total	6th Gr.	7th Gr.	8th Gr.	6-8 Subt.	MUG	6-8 Total	9th Gr.	10th Gr.	11th Gr.	12th Gr.	9-12 Subt.	SUG	9-12 Total	PK Subt.	K-12 Subt.	K-12 Total	PK-12 Total
2013-14	299	0.746	223	239	218	216	240	241	1377	0	1377	0	0	0	1377	251	277	279	807	0	807	280	322	283	278	1163	0	1163	0	3347	3347	3347
2014-15	273	0.692	189	244	247	220	217	233	1350	0	1350	0	0	0	1350	242	249	279	770	0	770	264	288	307	301	1160	0	1160	0	3280	3280	3280
2015-16	293	0.631	185	226	243	257	223	221	1355	0	1355	0	0	0	1355	234	239	249	722	0	722	281	266	296	323	1166	0	1166	0	3243	3243	3243
2016-17	267	0.678	181	244	250	259	269	236	1439	0	1439	0	0	0	1439	227	244	246	717	0	717	257	292	269	300	1118	0	1118	0	3274	3274	3274
2017-18	293	0.785	230	249	251	258	264	276	1528	0	1528	0	0	0	1528	240	233	243	716	0	716	255	264	279	267	1065	0	1065	0	3309	3309	3309
2018-19	323	0.647	209	279	258	254	261	273	1534	0	1534	0	0	0	1534	277	241	239	757	0	757	279	265	264	285	1093	0	1093	0	3384	3384	3384
6 Yr Avg SR	0.697		1.240	1.040	1.032	1.019	1.022									1.011	1.011	1.012				1.034	1.028	0.990	1.029							

Change # Students: 157, 157, 157, -50, -50, -70, -70, 37
 Change % Students: 11%, 11%, 11%, -6%, -6%, -6%, -6%, 1%

5-YR PROJECTIONS	2019-20	2020-21	2021-22	6 Yr Average	2022-23	2023-24																										
2019-20	292	0.697	203	259	290	266	259	267	1544	0	1544	0	0	0	1544	276	280	244	800	0	800	247	287	262	272	1068	0	1068	0	3412	3412	3412
2020-21	321	0.697	224	252	269	299	271	264	1580	0	1580	0	0	0	1580	270	279	283	832	0	832	252	254	284	270	1060	0	1060	0	3472	3472	3472
2021-22	335	0.697	233	277	262	278	305	277	1633	0	1633	0	0	0	1633	267	272	282	822	0	822	293	259	251	292	1096	0	1096	0	3551	3551	3551
6 Yr Average	305	0.697	213	289	288	271	283	312	1656	0	1656	0	0	0	1656	280	270	276	826	0	826	292	301	257	259	1108	0	1108	0	3590	3590	3590
2023-24	305	0.697	213	263	301	297	276	289	1640	0	1640	0	0	0	1640	315	283	273	872	0	872	285	300	298	264	1147	0	1147	0	3659	3659	3659

Change # Students: 106, 106, 106, 115, 115, 54, 54, 275
 Change % Students: 7%, 7%, 7%, 15%, 15%, 5%, 5%, 8.1%

KEY to Number Colors

- 99 Standard number with no modifications to methodology
- 99 Provisional, but uncertified births from the PA Department of Health
- 99 Births projected as an average of the prior 6 years, including provisional data...and projected students resulting from this "less accurate" average
- 99 Students per Grade Level added for residential development

The above information is prepared and certified by a qualified demographer.

Firm Name: Sundance Associates 117 Greenvale Ct. Cherry Hill NJ 08034

Name: George B. Sundell Tel 856-755-0174 Email: GSundell@sundanceassoc.com

Signature: *George B. Sundell* Date: November 14, 2018

