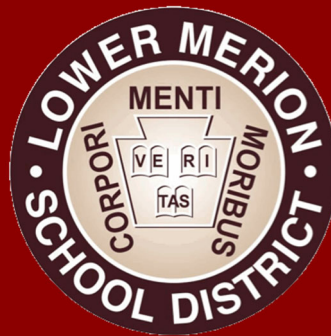


Lower Merion School District Enrollment Projections

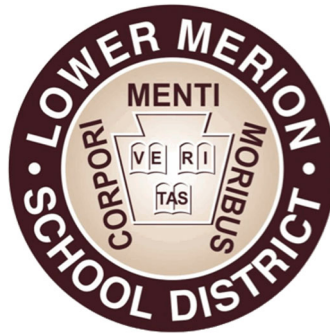
2023-24 Update



Prepared by the Montgomery County Planning Commission

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Lower Merion School District Enrollment Projections 2023-24 Update



Prepared by the
Montgomery County Planning Commission



This report is the eighth report, including the original enrollment study prepared in April 2015, studying LMSD enrollment. It represents a supplement to the original study, but incorporates new data where available and recalibrates the projection model to reflect the most recent trends and expected demographic activity affecting future enrollment, including the potential for full day kindergarten in the future.

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Table of Contents

Introduction	1
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School District Characteristics

Population	3
Age Cohorts.....	4
Birth Patterns.....	5
Enrollment History	6
Private School Enrollment.....	8

Housing Activity

Impacts of Housing	11
Housing Units Built.....	18
Housing Units Proposed.....	20
Housing Sales	24

District Enrollment Projections

Progression Rates	27
Projection Scenario.....	28
Projection Results	29
Projection Results: Full Day Kindergarten Model	32

Conclusion	36
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Appendix—Building Projections.....	37
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Introduction

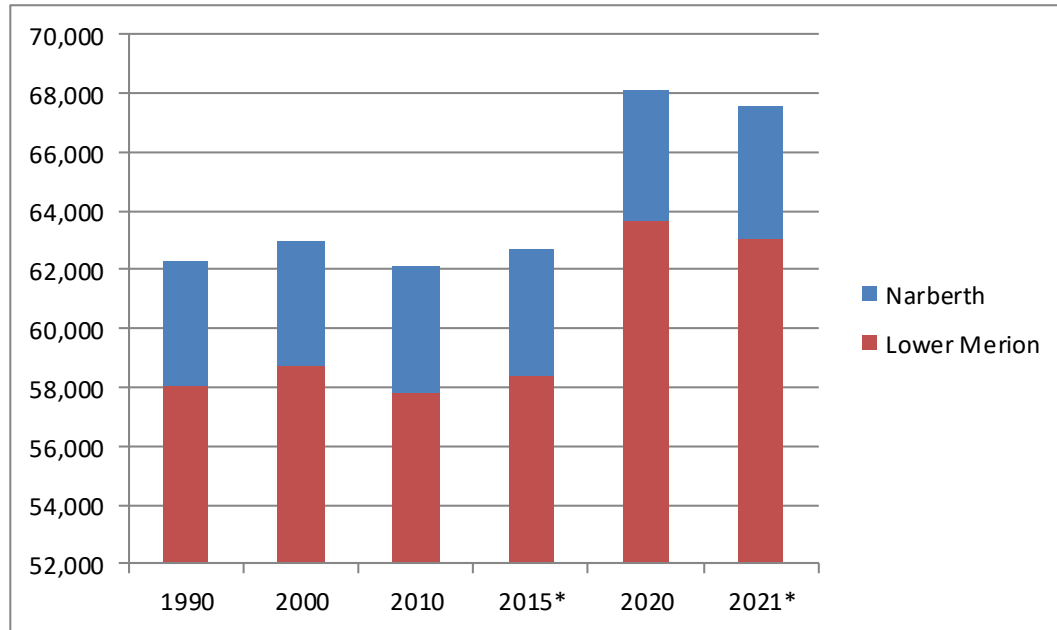
With another year of data to analyze, post-pandemic, enrollment in the Lower Merion School District has stabilized as students have returned to public school. This report is another complete update utilizing the most recent enrollment data (2023-24 tenth day) and updated data for all research factors. Enrollment peaked in the 2019-2020 school year at 8,800 students and dropped to 8,495 this school year. The district has realized some of the growth we anticipated in our original study in the spring of 2015. That original study identified several factors driving this growth, including a decline in families choosing private school over public school, an increase in students coming from existing multifamily developments, and a rebound in housing sales resulting in more students from household turnover. This all points to the fact that the Lower Merion School District continues to draw in people who are moving to the Main Line.

This report continues to explore the potential effect that a full day kindergarten class might have on future kindergarten and first grade enrollment across the district. Impacts in comparable school districts that recently implemented full day kindergarten were observed and utilized to estimate the potential impact in the Lower Merion School District. Kindergarten students will expectedly increase in number, but some of the increase will then be balanced by a more moderate progression of new students who enter (for the first time) in the 1st grade. There are many factors that go into an enrollment decision that are impossible for MCPC to quantify—that ultimately affect final enrollment numbers—such as the cost of before and aftercare or care needs for other siblings. We are confident that LMSD is provided with the best available information for making future administrative decisions.

*PART 1—SCHOOL DISTRICT
CHARACTERISTICS*

1A. School District Characteristics—Population

FIGURE 1: *Population of Lower Merion School District, 1990-2021*



Source: U.S. Census Bureau (1990, 2000, 2010 and 2020 Show Decennial Census data while 2015 and 2021 show 5 year ACS data).

FIGURE 2: *Population Totals, 2000-2030*

	2000			2010			2020			2030 Forecasted		
	Total	1990-2000 Change	1990-2000 Percent	Total	2000-2010 Change	2000-2010 Percent	Total	2010-2020 Change	2010-2020 Percent	Total	2020-2030 Change	2020-2030 Percent
Lower Merion	58,740	737	1.27%	57,825	-915	-1.56%	63,633	5,808	10.04%	66,980	3,347	5.26%
Narberth	4,233	(45)	-1.05%	4,282	49	1.16%	4,492	210	4.90%	4,605	113	2.51%
District	62,973	692	1.11%	62,107	-866	-1.38%	68,125	6,018	9.69%	71,585	3,460	5.08%
Montgomery County	748,987	70,876	10.50%	799,874	50,887	6.79%	856,553	56,679	7.09%	892,298	35,745	4.17%

Source: U.S. Census Bureau, 2030 population forecast from DVRPC and MCPC

- Population in the LMSD grew quickly between 2010 and 2020. Generally, new construction and redevelopment has been balanced by reductions in average household size. However, average household size went up very slightly in Lower Merion (and went down very slightly in Narberth) between 2010 and 2020.
- The initial DVRPC population forecast for 2030 was calculated before the data from the 2020 census was released and was artificially low; the forecasted 2030 population numbers have been amended (by MCPC) to take the actual 2020 Census numbers into account.

1B. School District Characteristics—Age Cohorts

FIGURE 3: *Age Cohorts, Lower Merion School District, 2000-2020*

Age Cohort	2000		2010		2020	
	Total	1990-2000 Change	Total	2000-2010 Change	Total	2010-2020 Change
0-4	3,207	-289	3,251	44	3,624	373
5-17	10,737	1,866	10,709	-28	11,966	1,257
18-24	5,491	-894	5,933	442	5,067	-866
25-34	6,639	-809	5,360	-1,279	4,956	-404
35-44	8,599	-1,293	7,448	-1,151	8,311	863
45-54	10,028	2,194	9,195	-833	8,328	-867
55-64	6,692	146	8,899	2,207	8,289	-610
65-74	5,282	-907	5,391	109	7,044	1,653
75 and over	6,298	678	5,921	-377	6,241	320

PRE-SCHOOL AGES

SCHOOL AGES

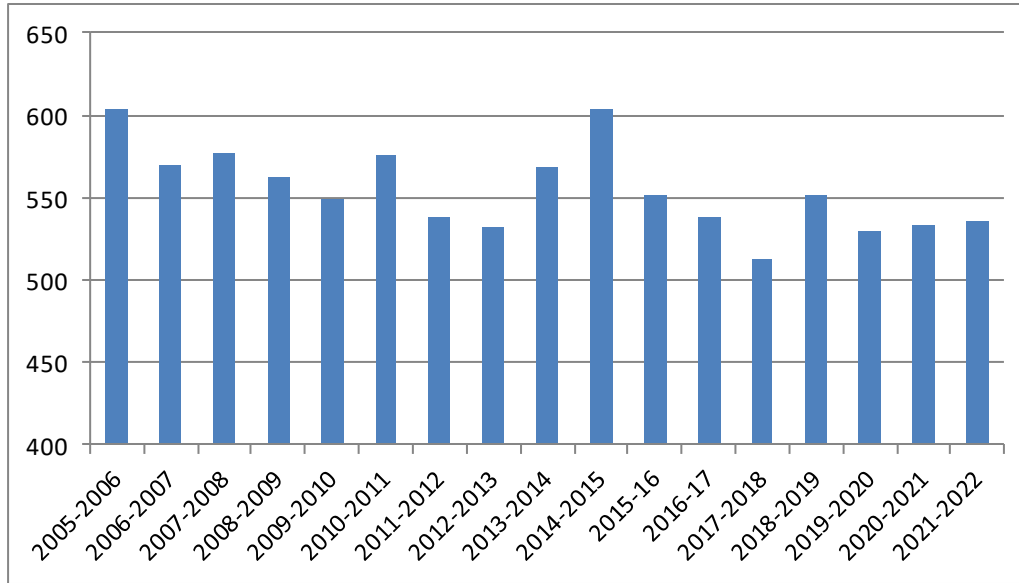
HIGHEST FERTILITY AGES

Source: U.S. Census Bureau

- The school-age population (ages 5-17 when using the Census) remained steady from 2000 to 2010, and grew by nearly 12 percent between 2010 and 2020.
- The largest (numerical) adult cohorts are the 35-44 and 45-54 year olds, though the actual number of 45-54 year olds in the township has dropped since 2000. The largest numerical increase between 2010 and 2020 came in the 65-74 year age group, as baby boomers age and start to enter into a time of life in which many consider moving or downsizing, opening opportunities for younger families to move into the district.
- The 25-34 year old cohort has the highest fertility rates and represents the group most likely to give birth. But as shown above, this age group continues to decline as a part of the district's population.

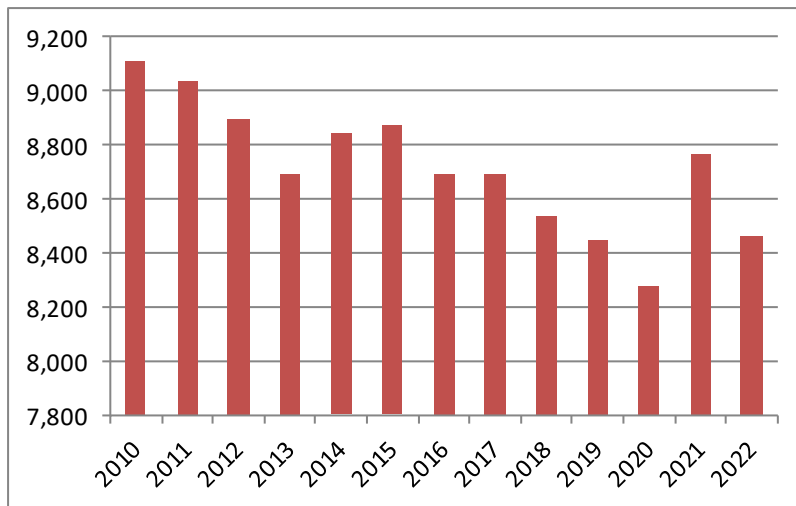
1C. School District Characteristics—Birth Patterns

FIGURE 4: Number of Live Births in Lower Merion SD by School Calendar Year (Sept.-Aug.)



Source: Pennsylvania Department of Health

FIGURE 6: Montgomery County Live Births, Annually



- Birth activity provides a window into the potential size of kindergarten classes six years later. Activity has declined slightly over time (aside from a peak in 2021), but at a slower rate than most area districts and the county as a whole (Fig. 6).
- Recent birth data from the last few years is relatively steady but down overall.
- All district birth data have been calculated to match the school calendar year (Sept.—Aug.) for greater correlation accuracy.

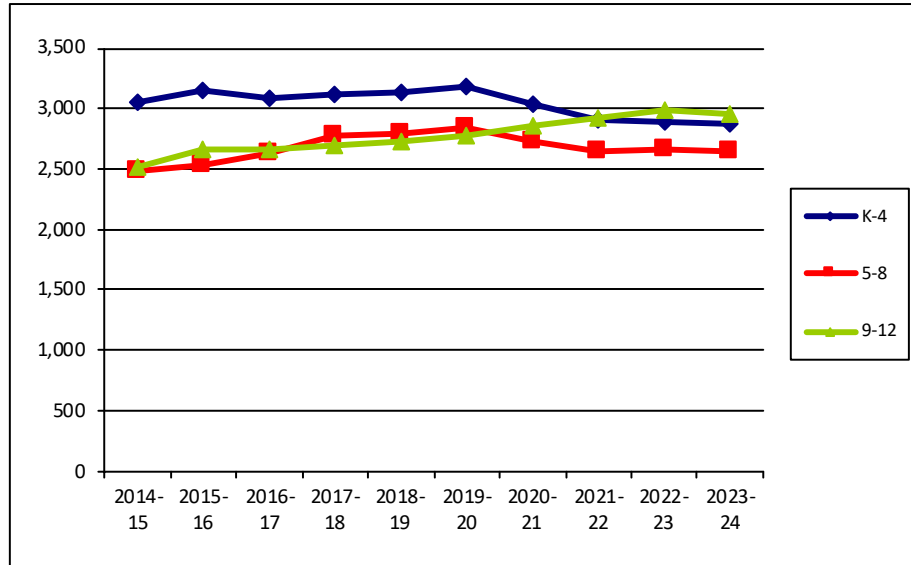
FIGURE 5: Number of Live Births in LMSD by School Calendar Year (Sept.-Aug.)

School Year	LMSD
2006-07	566
2007-08	573
2008-09	560
2009-10	543
2010-11	569
2011-12	536
2012-13	532
2013-14	569
2014-15	604
2015-16	551
2016-17	538
2017-18	513
2018-19	552
2019-20	530
2020-21	533
2021-22	536

Source: Pennsylvania Department of Health

1D. School District Characteristics—Enrollment History

FIGURE 7: School District Enrollment by Grade Divisions, 2014-2024



Source: Lower Merion School District (enrollment as of the 10th day of each school year)

FIGURE 8: District Enrollment by Division, 2013-2024

Year	Total K-12	Number Change from Previous Year	Percent Change from Previous Year	Grade K-4	Grade 5-8	Grade K-5	Grade 6-8	Grade 9-12
2013-14	7,859	177	2.3%	2,920	2,454	3,508	1,866	2,485
2014-15	8,053	194	2.5%	3,053	2,480	3,659	1,874	2,520
2015-16	8,341	288	3.6%	3,143	2,530	3,830	1,843	2,668
2016-17	8,382	41	0.5%	3,089	2,623	3,779	1,933	2,670
2017-18	8,590	208	2.5%	3,123	2,777	3,839	2,061	2,690
2018-19	8,660	70	0.8%	3,137	2,799	3,804	2,132	2,724
2019-20	8,800	140	1.6%	3,181	2,842	3,909	2,114	2,777
2020-21	8,626	-174	-2.0%	3,041	2,731	3,709	2,063	2,854
2021-22	8,479	-147	-1.7%	2,906	2,651	3,545	2,012	2,922
2022-23	8,531	152	0.6%	2,891	2,658	—	—	2,982
2023-24	8,495	-36	-0.4%	2,883	2,639	—	—	2,973

Source: Lower Merion School District (enrollment as of the 10th day of each school year)

- Enrollment in the district dropped during the pandemic and continues to level off, with small fluctuations in enrollment over the last 4 years.
- Elementary school enrollment has dropped from its earlier peak, perhaps hastened by the virtual schooling utilized during the pandemic. Middle school enrollment contracted slightly, and high school enrollment has levelled off. The larger elementary classes seen earlier in this data set continue to move into the higher grades.
- The district was reconfigured to a K-4, 5-8, 9-12 distribution with the opening of Black Rock Middle School in September 2022. Figure 8 below reflects both the traditional enrollment distribution and the new distribution had it been in effect over the last ten years. This provides another perspective of the growth trends.

1D. School District Characteristics—Enrollment History *Continued***FIGURE 9:** *School District Enrollment by Grade, 2013-2023*

School Year	K	1	2	3	4	5	6	7	8	9	10	11	12
2013-14	449	630	616	640	585	588	603	662	601	614	677	587	607
2014-15	454	621	658	660	660	606	610	604	660	642	610	671	597
2015-16	465	672	647	678	681	687	620	611	612	711	648	628	681
2016-17	402	661	687	659	680	690	693	626	614	661	725	645	639
2017-18	437	622	693	704	667	716	703	718	640	647	677	707	659
2018-19	440	643	646	693	715	667	715	705	712	664	668	683	709
2019-20	413	705	683	677	703	728	678	716	720	754	678	670	675
2020-21	427	607	680	674	653	668	712	653	698	739	747	677	691
2021-22	373	597	611	671	654	639	669	690	653	723	743	761	695
2022-23	353	575	646	642	675	662	649	663	683	694	731	767	783
2023-24	344	630	601	652	656	656	676	648	659	733	702	742	796

Source: Lower Merion School District (enrollment as of the 10th day of each school year)

1E. School District Characteristics—Private School Enrollments

FIGURE 10: *Private School Enrollment According to U.S. Census Bureau*

Year	Private School Students	Percent in Private School	Dataset
2000	4,174	38.7%	Decennial Census
2010*	4,905	42.8%	ACS 5 Year Estimates, 2006-2010
2021*	4,624	33.2%	ACS 5 Year Estimates, 2017-2021

* 5 Year Estimates from the ACS are an average of 5 years worth of sampling data

FIGURE 11: *Private School, Home School, and Charter School Enrollment According to LMSD Records*

School Year	Private School Students	Home School Students	Charter School Students
2013-14	2,674	43	43
2014-15	2,719	55	37
2015-16	2,604	47	36
2016-17	2,591	48	33
2017-18	2,540	53	50
2018-19	2,441	50	57
2019-20	2,397	42	56
2020-21	2,381	121	118
2021-22	2,627	114	88
2022-23	2,729	76	36
2023-24	2,720	59	25

Source: Lower Merion School District Records

- Private school enrollment had been declining until the pandemic contributed to more students choosing private school options. Within the district, records show nearly 350 more students chose private school over the last three years. That private school enrollment stayed relatively steady (and is the highest it's been in the ten years of bus records shown in Figure 11) may indicate a preference to not disrupt an academic setting that's working for these particular students. The available Census data in Figure 10 still reflects estimates that includes pandemic-era enrollment decisions .
- Home school students continue to show a decrease in enrollment and are nearly at pre-pandemic levels.
- Figure 12 shows an increase in the number of new student transfers into the school district from local private schools. The last two years show larger than usual numbers of transfer students.
- Despite the hiccups in the data, we still maintain that people are moving into Lower Merion with the intention of enrolling in public school as opposed to private school at a greater ratio than they have in the past.

FIGURE 12: *New Transfers into LMSD Coming From Private Schools*

School Year	New Grade 2-12 Students from Private Schools	Percent of Total New Transfer Students
2018-19	117	20.49%
2019-20	102	18.12%
2020-21	87	15.43%
2021-22	134	12.62%
2022-23	204	18.18%
2023-24	170	16.38%

Source: Lower Merion School District

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PART 2—HOUSING ACTIVITY

2A. Housing Activity—Impacts of Housing—School Age Children by Type, 2010 Census Analysis

- Figure 13 shows the results of a 2010 countywide study on the characteristics of households based on housing types (the census data to update this to 2020 has not yet been released). The numbers show the average number of school-age children based on single family detached, attached (townhomes and twins), and multifamily units (apartment or condo stacked units). The study defined new units as those built between 2000 and 2010, while existing units were those built before 2000.
- Detached homes typically contain the most children per unit, while multifamily units contain far fewer children than many people expect. New detached units are more likely to have greater numbers of children than existing units, but the opposite is true for attached and multifamily homes.
- Figures from the study were isolated for just the LMSD. The results for existing units in the district were consistent with countywide statistics. However, detached homes had more children than the county's rate, while attached and multifamily homes had fewer. Data for new units in the LMSD was not available due to a lack of new census blocks containing just one housing type in the 2010 Census.

FIGURE 13: Average Number of School Aged Children by Housing Unit Type

Montgomery County			
	Single Family Detached	Single Family Attached	Multifamily
School Age Children per Household in Existing Units	0.55	0.41	0.18
School Age Children per Household in New Units	0.93	0.21	0.06

Lower Merion School District			
	Single Family Detached	Single Family Attached	Multifamily
School Age Children per Household in Existing Units	0.64	0.31	0.06**
School Age Children per Household in New Units *	NA	NA	NA

- The study does not look at every home, only census blocks that have a single housing type are able to be characterized.
- Figures 14-17 on the following pages show more detailed information for multifamily homes in the district.

* There were no Census blocks with new homogenous development in the LMSD from 2000-2010, so data is not available for new units.

** The 0.06 factor for school-age children is based on 2010 data and presented here as a comparison to the countywide factors. However, that factor has increased since 2010. The analysis on page 12 shows that the rate is now around 0.9 for existing and new units combined as more students are coming from older multifamily developments.

Source: Montgomery County Planning Commission

2B. Housing Activity—Impacts of Housing—Multifamily Housing

- MCPC analyzed student records matching the addresses of all multifamily properties in the district with 20 or more units.
- The results in Figure 14 confirm the relatively low student numbers per units as shown in the countywide study. The rate over the last three years has dropped slightly, but hovered around 0.1 for apartment rentals this year. Students are about twice as likely to be found in rental apartments compared to condos. (Fig. 15)
- We also looked at smaller multifamily buildings with only 10 to 19 total units (Fig. 16). While these buildings account for only 531 units, they typically have a slightly higher rate of children than the overall average for multifamily buildings.

FIGURE 14: Actual LMSD Data for All Multifamily Developments with 20 Units or More

School Year	LMSD Students	Units	Students / Unit
2018-19	584	6,494	0.089
2019-20	618	6,494	0.095
2020-21	614	6,957	0.088
2021-22	599	7,335	0.082
2022-23	607	7,387	0.082
2023-24	634	7,387	0.086

Note: Only includes public students and ratio is based on units, not households

FIGURE 15: Students in Multifamily Units by Tenure in 2023-24 School Year

Tenure	LMSD Students	Units	Students / Unit
Rental	478	4,486	0.107
Condo	207	3,407	0.061

FIGURE 16: Actual LMSD Data for All Existing Multifamily Developments with 10-19 Units

School Year	LMSD Students	Units	Students / Unit
2010-11	45	531	0.085
2021-22	63	531	0.118
2022-23	56	531	0.105
2023-24	52	531	0.097

- Figure 17 on the following pages lists public school student totals for each multifamily development with 10 or more units.
- This shows that developments vary widely in terms of student/unit ratio. Older developments with a garden apartment layout tend to have more students, while developments with higher density that are closer to the employment centers in the district often have fewer children. These data points provide an estimate of the impact from future housing proposals based on the type of units being proposed.
- Both the Royal Athena and the Palmer Seminary apartments showed an increase in students in the last few school years. The Maybrook Apartments initially held 30 students across 250 units but currently has about 20 students. The Cynwyd complex houses similar numbers of students in Bala Cynwyd. Denser buildings with higher rents and a lack of family amenities are generally expected to have fewer students, and new developments of this type in other municipalities have upheld this assumption. The expected impact from future multifamily projects has been considered in each case to identify those that might house more students in Lower Merion.

FIGURE 17: Multifamily Development with 20 or More Units and LMSD Students in 2019-20 through 2023-24 showing students/units for 2023-24 school year

Name	Unit Type	Street Address	Units	Date Built	Students/ unit	2023-24 Student Count	2022-23 Student Count	2021-22 Student Count	2020-21 Student Count	2019-20 Student Count
Oak Hill/Tower at Oak Hill	Multifamily Condo	1637-1655 Oakwood Dr, 1700-1750 Oakwood Terr, 1600 Hagys Ford Rd,	753	1969	0.058	44	53	57	55	56
Green Hill	Multifamily Condo	1001 City Ave.	543	1960	0.112	61	56	55	44	38
Royal Athena	Multifamily Rental	600 Righters Ferry Rd	275	2016	0.145	40	38	34	34	28
Maybrook	Multifamily Rental	325 Penn Rd	250	2017	0.080	20	20	11	20	33
191 Condominium	Multifamily Condo	191 Presidential Blvd	228	1963	0.035	8	5	4	4	2
Wynnewood Park Apartments	Multifamily Rental	150 E Wynnewood Rd	224	1945	0.232	52	52	52	57	59
Thomas Wynne Apartments	Multifamily Rental	200 N Wynnewood Ave	215	1950	0.000	0	18	25	28	35
335 Bala	Multifamily Rental	335 Righters Ferry Rd	211	2020	0.085	18	14	10	3	0
The Cynwyd	Multifamily Condo	130 Monument Rd	205	2021	0.117	24	22	2	0	0
Luxor	Multifamily Rental	9 Presidential Blvd	173	2021	0.075	13	13	10	0	0
Sutton Terrace	Multifamily Condo	50 Belmont Ave	172	1974	0.023	4	4	3	2	2
Brynwood Apartments	Multifamily Rental	250 E Wynnewood Rd	150	1950	0.240	36	30	36	39	38
Ardmore One	Multifamily Rental	24 Cricket Ave	110	2019	0.064	7	5	0	4	5
Palmer Seminary	Multifamily Rental	18 E Lancaster Ave	110	2015	0.245	27	21	23	21	19
The Kelly	Multifamily Rental	10 Union Ave	109	2019	0.193	21	10	17	15	10
Corinthian	Multifamily Condo	190 Presidential Blvd	108	2006	0.019	2	0	0	0	1
Fairmont	Multifamily Condo	41 Conshohocken State Rd	100	1976	0.000	0	0	0	0	0
Twelve Nineteen Condominium	Multifamily Condo	1219 W Wynnewood Rd	96	1976	0.010	1	0	0	0	0
Suburban Court Apartments	Multifamily Rental	113 Cricket Ave	95	1926	0.000	0	1	1	1	1
Wynnewood House	Multifamily Rental	300 E Lancaster Ave	88	1956	0.045	4	3	0	0	0
Whitehall Apartments	Multifamily Rental	410 Lancaster Ave	88	1926	0.000	0	1	1	1	0
The Delwyn	Multifamily Rental	121 City Ave	87	2020	0.000	0	0	0	0	0
Oakwynne House Apartments	Multifamily Rental	1209 W Wynnewood Rd	84	1961	0.060	5	3	6	3	5
Wynnewood Plaza Condominium	Multifamily Condo	346 E Lancaster Ave	83	1945	0.012	1	0	0	1	0
Latch's Lane Condominiums	Multifamily Condo	40 Old Lancaster Rd	81	1948	0.049	4	6	4	3	4
Conwyn Arms	Multifamily Rental	830 W Montgomery Ave (830 Montgomery Ave)	80	1954	0.138	11	7	7	12	14
Cricket Flats	Multifamily Rental	65 Cricket Ave	77	2020	0.000	0	0	2	0	0
Trianon Apartments	Multifamily Rental	20 Conshohocken State Rd	73	1976	0.000	0	1	0	0	0
Montgomery Court	Multifamily Rental	214 Price Ave	73	1940	0.123	9	12	14	11	11
Tedwyn Apartments	Multifamily Rental	840 W Montgomery Ave	72	1959	0.014	1	2	1	1	0
Benson House	Multifamily Condo	930 W Montgomery Ave (930 Montgomery Ave)	67	1977	0.030	2	3	4	4	6
The Grant	Multifamily Rental	1 Cynwyd Rd	66	2020	0.212	14	6	6	0	0
429 Apartments	Multifamily Rental	429 Montgomery Ave (429 W Montgomery Ave)	66	1940	0.121	8	7	8	7	7
The Mermont	Multifamily Rental	906 W Montgomery Ave	66	1940	0.000	0	0	0	0	0

FIGURE 17 Continued: Multifamily Development with 20 or More Units and LMSD Students in 2019-20 through 2023-24 showing students/units for 2023-24 school year

Name	Unit Type	Street Address	Units	Date Built	Students/ unit	2023-24 Student Count	2022-23 Student Count	2021-22 Student Count	2020-21 Student Count	2019-20 Student Count
Wyndon Apartments	Multifamily Rental	625 E Lancaster Ave	65	1948	0.169	11	11	15	23	13
Montgomery Plaza	Multifamily Rental	120 E Montgomery Ave	64	1964	0.031	2	3	1	5	4
101 Apartments	Multifamily Rental	101 Mill Creek Rd	62	1963	0.177	11	8	6	7	10
Mayflower Square	Multifamily Condo	922 W Montgomery Ave (922 Montgomery Ave)	62	1952	0.032	2	2	2	3	3
Saint George's Apartments	Multifamily Rental	119 Mill Creek Rd	60	1930	0.050	3	4	4	2	4
Narberth Hall Apartments	Multifamily Rental	300 N Essex Ave	60	1929	0.033	2	2	1	1	2
Hampshires at Haverford Condos	Multifamily Condo	104 Woodside Rd	59	1939	0.068	4	4	2	1	2
Llanfair House Apartments	Multifamily Rental	17 Llanfair Rd	58	1966	0.034	2	2	3	2	3
Mermont Plaza	Multifamily Rental	901 Montgomery Ave	55	1940	0.055	3	1	2	4	11
The Elm	Multifamily Rental	114 Forrest Ave	52	2022	0.000	0	1	0	0	0
Grays Lane House	Multifamily Condo	100 Grays Lane & Montgomery Ave.	52	1975	0.000	0	0	0	0	1
The Greenhouse	Multifamily Condo	19 Rock Hill Rd	50	1976	0.060	3	2	2	2	4
Dunfern Apartments	Multifamily Rental	10 Montgomery Ave	50	1924	0.100	5	7	6	6	6
Hunter House	Multifamily Condo	449 W Montgomery Ave	49	1967	0.020	1	0	0	0	0
Merion Court Apartments	Multifamily Rental	118 Montgomery Ave	49	1954	0.245	12	13	11	13	17
Bryn Mawr Gables	Multifamily Rental	806 W Montgomery Ave	48	1930	0.000	0	3	0	1	0
The Athens Apartments	Multifamily Rental	9-11 E Athens Ave	47	2016	0.021	1	0	2	1	1
The Square	Multifamily Rental	110 Sibley Ave	46	2016	0.087	4	4	5	7	8
One Montgomery Avenue	Multifamily Rental	1 Montgomery Ave	46	1964	0.196	9	4	4	5	5
Lakeside Apartments	Multifamily Rental	170 Lakeside Rd	45	1975	0.289	13	15	21	19	18
Argyle Court Apartments	Multifamily Rental	126 Argyle Rd	44	1920	0.182	8	6	6	6	4
Churchill Court	Multifamily Condo	237 W Montgomery Ave	42	1920	0.071	3	2	2	1	2
Cynwyd Court	Multifamily Condo	42 Conshohocken State Rd	38	1948	0.132	5	4	6	6	3
Edgehill Court Apartments	Multifamily Rental	25 Old Lancaster Rd	37	1960	0.162	6	5	3	4	7
101 Cheswold Lane Condominiums	Multifamily Condo	101 Cheswold Ln	33	1982	0.000	0	0	0	0	0
Pennmount Apartments	Multifamily Rental	34 W Montgomery Ave	32	1965	0.063	2	4	6	5	7
Wynmont	Multifamily Condo	1334 Montgomery Ave	32	1960	0.094	3	5	4	6	2
Yorklynne Manor	Multifamily Condo	415 City Ave	31	1926	0.290	9	8	12	11	10
Merion Manor	Multifamily Condo	212 Idris Rd	31	1925	0.161	5	4	4	2	2
100 St. Georges	Multifamily Condo	100 St. Georges	30	2017	0.000	0	0	0	0	0
Cambridge Square	Multifamily Condo	120 Sibley Ave	28	2007	0.000	0	0	0	1	2
Summit Court Apartments	Multifamily Rental	101 Summit Ln	28	1952	0.464	13	11	9	15	17
Hardie Apartments	Multifamily Rental	1 Oakland Ter	28	1925	0.000	0	0	0	1	1
Waterford Condos	Multifamily Condo	383 Lakeside Rd	27	1989	0.111	3	1	1	5	3
Pennswood Condos	Multifamily Condo	601 W Montgomery Ave	27	1960	0.000	0	0	0	0	0

FIGURE 17 Continued: Multifamily Development with 20 or More Units and LMSD Students in 2019-20 through 2023-24 showing students/units for 2023-24 school year

Name	Unit Type	Street Address	Units	Date Built	Students/ unit	2023-24 Student Count	2022-23 Student Count	2021-22 Student Count	2020-21 Student Count	2019-20 Student Count
Haverford Apartments	Multifamily Rental	409 and 411 Lancaster Ave	26	1920	0.038	1	1	0	1	2
No Name	Multifamily Rental	11-15 E Athens Ave	25	2014	0.080	2	1	2	1	1
Cricket Club	Multifamily Condo	103 W Montgomery Ave	25	1972	0.000	0	0	0	0	0
Bryn Mawr Court	Multifamily Rental	805 W Montgomery Ave	25	1922	0.000	0	0	0	0	0
Ardmore Square Apartments	Multifamily Rental	37 E Montgomery Ave	24	1965	0.042	1	3	3	4	5
Breton Hall Apartments	Multifamily Rental	117 N Essex Ave	24	1961	0.083	2	2	2	2	0
(NONE)	Multifamily Rental	859 Old Lancaster Rd	24	1960	0.000	0	0	0	0	0
Beechwood Apartments	Multifamily Rental	509 -513 Conway Ave	24	1956	0.000	0	0	0	0	1
Sevilla Court	Multifamily Rental	32 Conshohocken State Rd	24	1940	0.375	9	10	10	10	8
Narberth Station Apartments	Multifamily Rental	280 Haverford Ave	24	1929	0.000	0	5	5	8	8
Bernola Apartments	Multifamily Rental	87 Rittenhouse Pl	24	1900	0.000	0	0	0	1	0
Essex Manor Apartments	Multifamily Rental	205 N Essex Ave	23	1962	0.000	0	0	0	0	0
Haverford Gables Apartments	Multifamily Rental	312 W Montgomery Ave	23	1920	0.217	5	4	3	7	7
Palmer West	Multifamily Rental	30 Lancaster Ave	22	2020	0.136	3	1	2	1	0
Essex House	Multifamily Condo	226 N Essex Ave	21	1973	0.048	1	2	2	2	3
Tremaine Apartments	Multifamily Rental	15 Montgomery Ave	21	1966	0.333	7	2	6	7	4
Ardglen Apartments	Multifamily Rental	16 W Montgomery Ave	21	1962	0.000	0	0	0	0	1
Coach House	Multifamily Condo	1011 W Montgomery Ave and 100-108 N. Roberts Rd	21	1957	0.048	1	4	3	3	2
Llanberris Apartments	Multifamily Rental	101 Conshohocken State Rd	21	1950	0.333	7	12	11	15	15
La Chanterelle	Multifamily Condo	414 Old Lancaster Rd	20	1982	0.000	0	0	0	0	0
Llanalew Condos	Multifamily Condo	100 Llanalew Rd	20	1977	0.050	1	3	4	3	5
Mansard House	Multifamily Condo	264 W Montgomery Ave	20	1972	0.000	0	0	0	0	0
Merioneth Apartments	Multifamily Rental	20 Montgomery Ave	20	1962	0.300	6	7	8	5	2
Llanfair Court Apartments	Multifamily Rental	200 E Montgomery Ave	20	1960	0.250	5	1	5	9	8
Cricket Square	Multifamily Condo	50 Woodside Road (50 Woodside Ave)	19	1986	0.105	2	3	5	6	3
Harrison House	Multifamily Condo	222 East Montgomery Ave	19	1972	0.000	0	0	0	0	0
Sycamore Court	Multifamily Condo	304 Old Lancaster Road	18	2007	0.000	0	2	1	1	1
Ivyside	Multifamily Condo	919 West Montgomery Ave	18	1972	0.000	0	0	0	1	2
Main Line Court Apartments	Multifamily Rental	97 Ashland Ave	18	1966	0.333	6	8	7	7	7
The Claremont Apartments	Multifamily Rental	438 West Montgomery Ave	18	1962	0.000	0	1	1	1	1
Mermont Gardens	Multifamily Rental	909 West Montgomery Ave	17	1920	0.000	0	0	7	8	9
23 Cricket Avenue Apartments	Multifamily Rental	23 Cricket Ave	17	1910	0.000	0	0	0	0	1
Haverford Hunt Club	Multifamily Condo	432 West Montgomery Ave	16	1976	0.000	0	0	0	0	0
Pembroke East Apartments	Multifamily Rental	121 Montgomery Ave	16	1961	0.313	5	2	1	2	1
Suburban Square Apartments	Multifamily Rental	101 Valley Rd	16	1950	0.188	3	3	3	2	1
Elm Garden Apartments	Multifamily Rental	1301 Montgomery Ave	16	1930	0.063	1	1	0	0	0
Graystone Condominium	Multifamily Condo	424-428 W. Montgomery Ave	16	1918	0.000	0	0	0	0	0

FIGURE 17 Continued: Multifamily Development with 20 or More Units and LMSD Students in 2018-19 through 2022-23

Name	Unit Type	Street Address	Units	Date Built	Students/ unit	2023-24 Student Count	2022-23 Student Count	2021-22 Student Count	2020-21 Student Count	2019-20 Student Count
Red Leaf Manor	MF coop	510-514 East Lancaster Ave	16	1881	0.125	2	5	6	6	5
Haverford Tower	Multifamily Condo	260 West Montgomery Ave	15	1972	0.000	0	0	0	0	0
Main Line Apartments	Multifamily Rental	240 East Montgomery Ave	15	1969	0.533	8	8	10	10	11
Woodside Apartments	Multifamily Rental	105 S Narberth	15	1941	0.067	1	1	1	1	1
Hampden Manor	Multifamily Rental	325 Haverford Ave	14	1963	0.071	1	1	0	0	1
Pembroke Terrace Apartments	Multifamily Rental	125 Montgomery Ave	14	1962	0.500	7	5	3	3	5
(NONE)	Multifamily Rental	45 West Athens Ave	14	1925	0.000	0	0	0	0	0
(NONE)	Multifamily Rental	11 East Lancaster Ave	14	1920	0.000	0	0	0	1	0
Walton Apartments	Multifamily Rental	15 East Athens Ave	14	1920	0.000	0	1	0	0	0
Llanfair Townhouse Condos	Multifamily Condo	10 Llanfair Road (Circle)	13	1982	0.154	2	2	2	3	5
Bienville Apartments	Multifamily Rental	256 West Montgomery Ave	13	1970	0.000	0	0	0	2	2
Merion Arms	Multifamily Condo	61 Llanfair Road	13	1962	0.077	1	1	1	1	2
Windsor Arms	Multifamily Condo	302 Windsor Ave	12	1977	0.000	0	0	0	0	0
Centennial Village	Multifamily Condo	100 West Montgomery Ave	12	1971	0.167	2	2	2	2	2
Suburban Square Condominiums	Multifamily Condo	48 Llanfair Road	12	1967	0.083	1	2	3	2	2
244 East Apartments	Multifamily Rental	244 East Montgomery Ave	12	1960	0.333	4	1	1	0	2
Suburban Apartments	Multifamily Rental	53 Llanfair Rd	12	1960	0.083	1	1	1	2	3
401 South Narberth Avenue Apartments	Multifamily Rental	401 South Narberth Ave	12	1950	0.000	0	0	2	2	1
Austin Park Place	Multifamily Condo	7 Norwood Ave	11	2002	0.000	0	0	0	0	0
Greenleaf Condos	Multifamily Condo	102 Llanfair Road	11	1998	0.000	0	1	1	1	1
Cricket Place	Multifamily Condo	142 Cricket Ave	11	1970	0.364	4	3	4	3	1
Carriage Arms	Multifamily Condo	105 Glenn Road	11	1969	0.091	1	1	1	0	0
(NONE)	Multifamily Rental	36 East Lancaster Ave	11	1910	0.000	0	0	0	0	0
Ardleigh	Multifamily Condo	115 East Montgomery Ave	10	2010	0.000	0	1	0	0	0

2C. Housing Activity—Impacts of Housing—Migration

FIGURE 18: *Impact of Housing Units Sold on Enrollment*

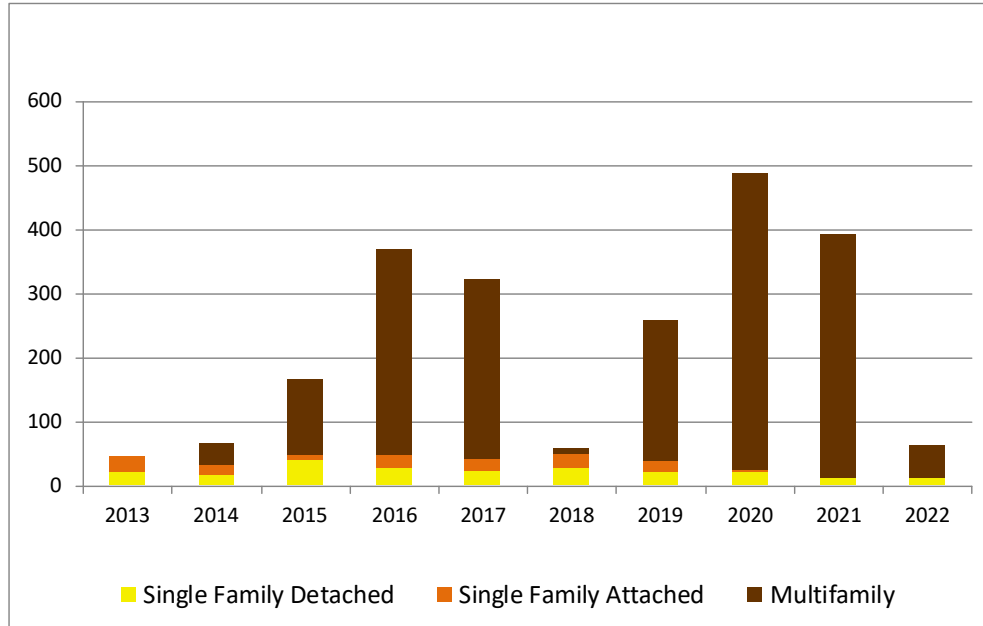
Year of Housing Units Sold	2014	2015	2016	2017	2018	2019	2020	2021	2022
Number of Units Sold	901	886	948	1,053	964	1,017	995	1,123	925
Incoming Students at Address of Units Sold	320	324	315	347	386	393	342	372	305
Outgoing Students at Address of Units Sold	314	350	183	293	221	238	215	265	182
<i>Net Change in Students from Sales Activity</i>	<i>+ 6</i>	<i>-26</i>	<i>+ 132</i>	<i>+54</i>	<i>+165</i>	<i>+155</i>	<i>+127</i>	<i>+107</i>	<i>+123</i>

Note: While units sold include condos, no student activity, incoming or outgoing, was registered in this data

- MCPC compared detailed sales transactions with student address records to identify the actual number of students leaving a home as compared to those who entered after the same home was sold.
- Over the last nine years, all but one year has resulted in the net gain of children increasing with sales activity.
- The net gain of children has been consistently high over the last four years, although it has declined in each of those years.
- An increase of sales does not appear to drive the net gain or loss of children up or down. In the most recent year of sales data available, more students shifted into the district than out of the district than the year prior (despite the drop in the total number of home sales).

2D. Housing Activity—Housing Units Built

FIGURE 19: *Housing Units Built in the LMSD by Housing Type, 2013-2022*



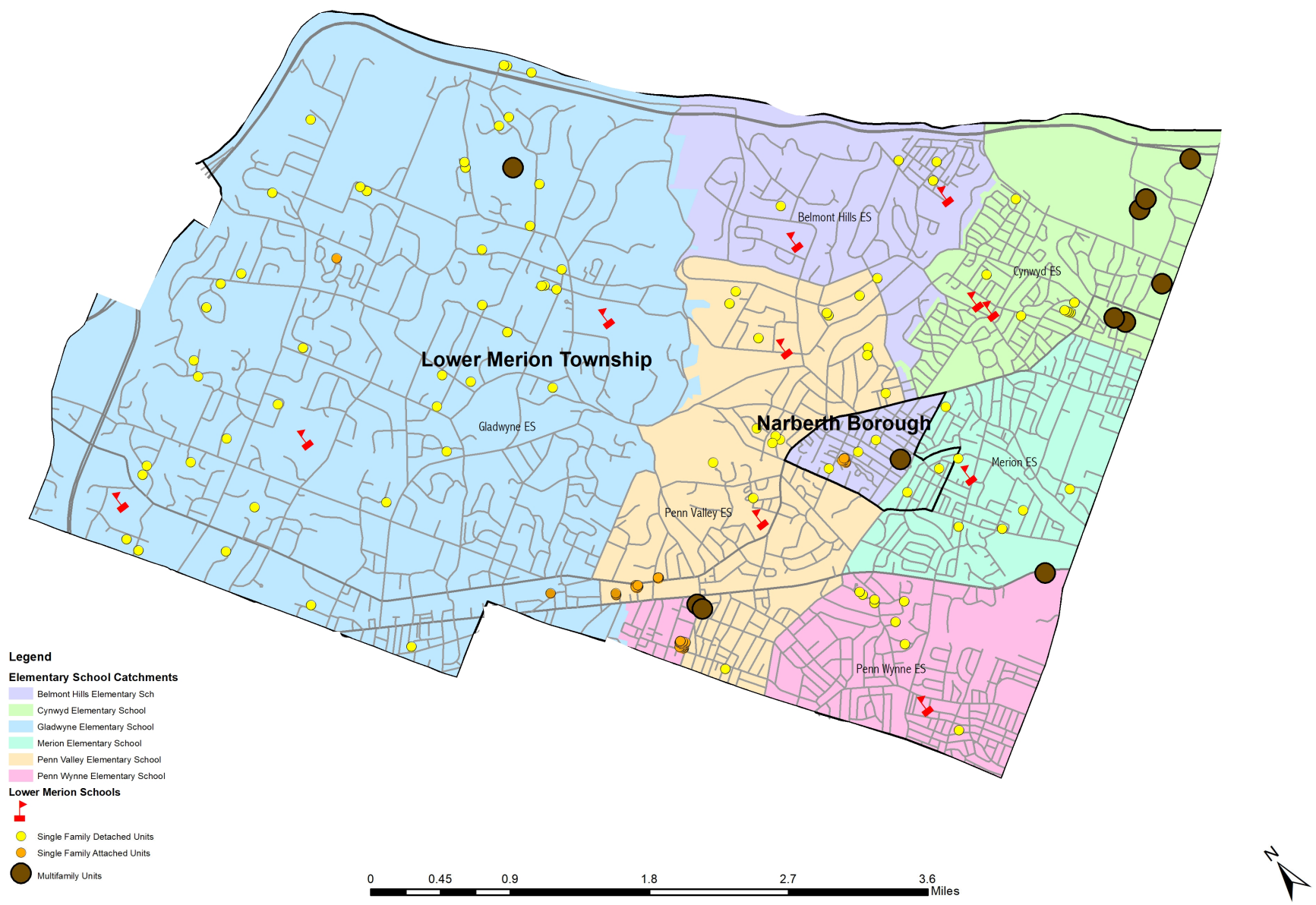
- The past five years of housing construction in the district shows an average of about 250 units per year, an decrease from what the district had seen in the five years prior. 2018 and 2022 were particularly quiet years for new construction, but the years in between had sizeable amounts of new multifamily development.
- Other development includes smaller townhome clusters as infill or the subdivision of a larger estate lot into three or four single family lots.
- The map on the following page identifies all units built from 2018 to 2022.

FIGURE 20: *Housing Units Built by Elementary School Boundary Areas, 2018-2022*

ES School Boundary	2018	2019	2020	2021	2022	Total 18-22
Belmont Hills	5	8	3	1	52	69
Cynwyd	5	111	364	379	0	859
Gladwyne	19	12	12	6	6	55
Merion	1	1	3	2	1	8
Penn Valley	9	14	82	3	1	109
Penn Wynne	19	112	24	0	3	158
Total	58	258	488	391	63	1,258

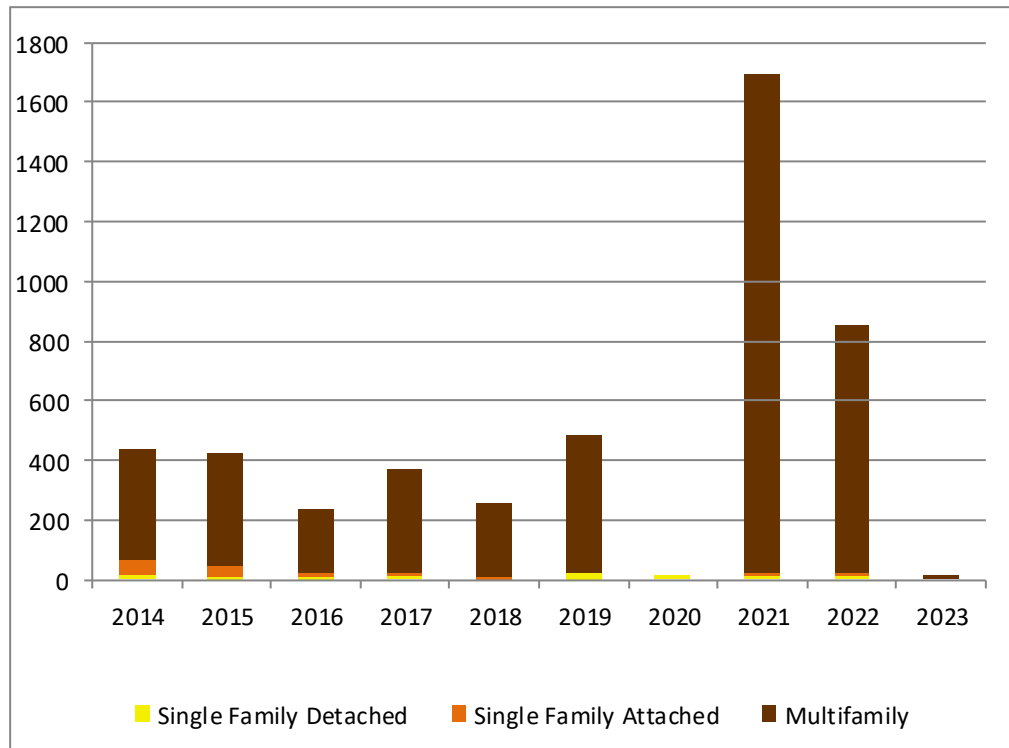
Source: Montgomery County Planning Commission

FIGURE 21: *Housing Units Built in the LMSD by Housing Type, 2018-2022*



2E. Housing Activity—Housing Units Proposed

FIGURE 22: *Housing Units Proposed in the LMSD, 2013-2023 (YTD)*



Source: Montgomery County Planning Commission

- Figure 22 shows the official count of new submissions received by the Montgomery County Planning Commission over the last ten years, with a year-to-date estimate for 2023. Not all of these units will get built and some proposals will be revised before being approved.
- Lower Merion Township had the most multifamily units proposed in 2021 of any municipality in the county, a year in which the county had the most multifamily proposals submitted in the last 10 years. 757 multifamily units were proposed at One, Two, and Three Bala Plaza, 279 units were proposed at the Piazza development, and 220 units were proposed at 121 East City Avenue. An additional 425 multifamily units were proposed in Lower Merion at 111 Presidential Boulevard in 2022.
- Lower Merion Township adopted a new zoning ordinance in 2020, which may have prompted the higher amount of proposals seen in 2021 (submitted as sketch plans prior to the new zoning ordinance being finalized).

2E. Housing Activity—Housing Units Proposed

FIGURE 23: *Timeline of Proposed Projects by Units*

Development	ES Area	Total Units	2024	2025	2026	2027	2028	Total Students
21&25 Rock Hill Rd	BH	55	55					4.95
650 Montgomery Ave amended final plan NARBERTH	BH	25	25					2.25
203 Haverford Ave NARBERTH	BH	16	16					1.44
714 Montgomery Ave NARBERTH	BH	10		10				0.9
100 Forrest Ave NARBERTH	BH	8	8					0.72
230 Haverford Ave NARBERTH	BH	33				33		2.97
111 Presidential Blvd	CW	425			213	212		38.25
1 Belmont Ave	CW	272			136	136		24.48
121 E City Ave	CW	220		110	110			19.8
333 E. City Avenue, Two Bala Plaza, Bala Cynwyd	CW	190					190	17.1
206-216 Bala Avenue & 5-9 N. Highland Avenue, Bala Cynwyd	CW	86			86			7.74
2, 6 & 10 S Bryn Mawr	GW	110			55	55		9.9
268 W. Montgomery Ave	GW	11		11				0.99
198 Elmwood Avenue NARBERTH	ME	20			20			1.8
Suburban Square 125 Coulter	PV	131	131					11.79
355 W Lancaster Ave	PV	121			61	60		10.89
39-41 East Montgomery Avenue & 108 Glenn Road, Ardmore	PV	21	21					1.89
23 & 27 Llanfair Rd	PV	10		10				0.9
Piazza 104,108,114,120,124,130,150&198 W. Lancaster Ave.	PW	279			140	139		25.11

- Figure 23, and the map on the following page, show current proposals with a strong likelihood of going to construction over the next 5-6 years. Timelines are estimates.
- Figure 24 represents the factors used to estimate the actual number of public school children that could result from these projects. Upcoming development projects are expected to bring in 184 students over five years.
- New multifamily and townhome development has already occurred (as charted on prior pages). A portion of impacts from future housing is already recognized in the progression rates that are used in the projection model. Therefore, a trend of recent impacts from only multifamily and attached housing projects is subtracted from the future housing impact. The final net adjustment to the model is 76 students after accounting for trends.

FIGURE 24: *Public School Children Impact Factors and Calculations*

	2024	2025	2026	2027	2028	Total
Total Public School Children Across All Proposed Units	23.04	12.69	73.89	57.15	17.10	183.87
<i>Subtract</i> Multifamily / Attached Trend Development Impact	21.65	21.65	21.65	21.65	21.65	108.25
NET Public School Children Added to Projections	1.39	-8.96	52.24	35.50	-4.55	75.62

*All multifamily developments assumed to have an impact of 0.09 children per unit.
All single family attached developments assumed to have an impact of 0.21 children per unit.*

2E. Housing Activity—Housing Units Proposed

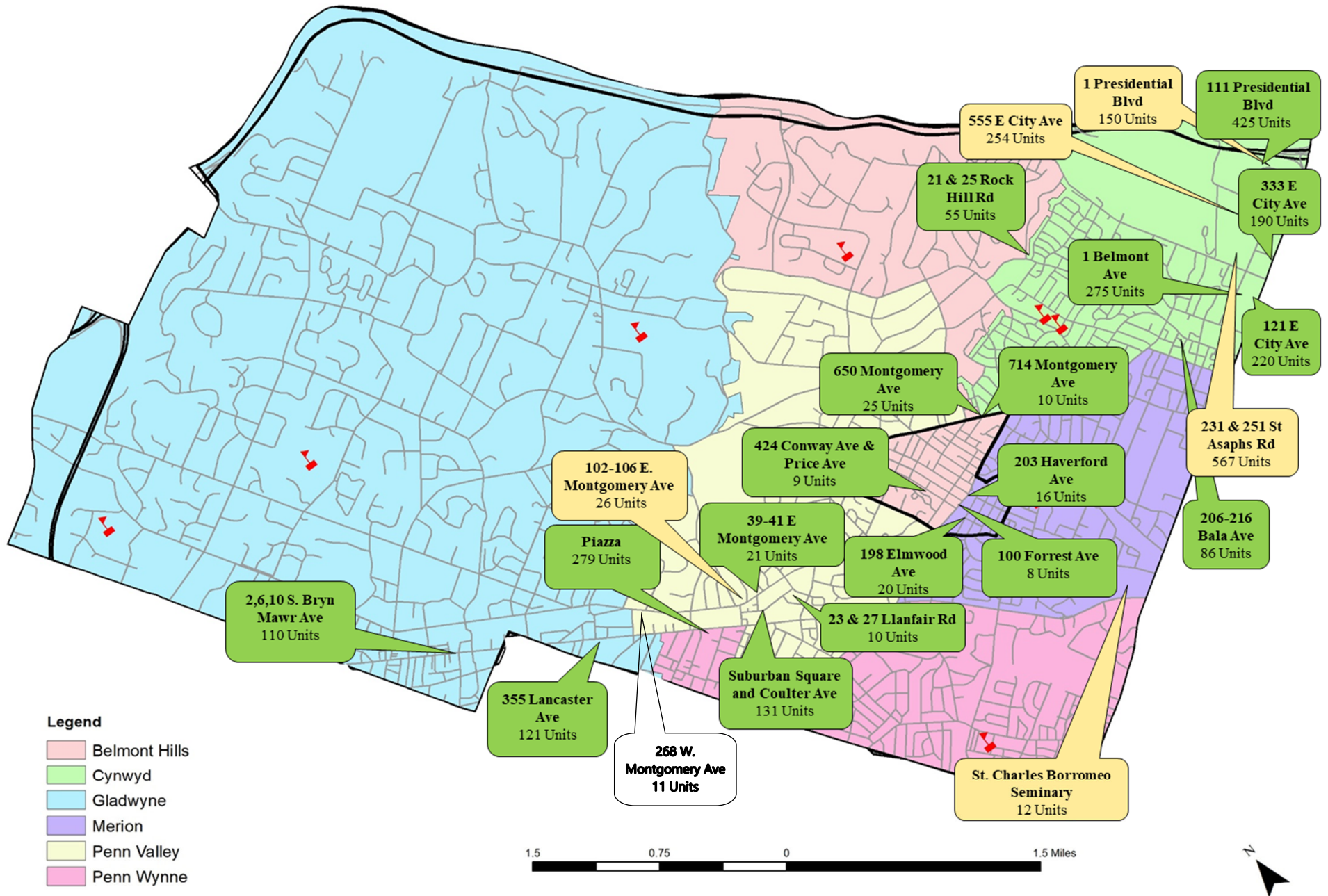
FIGURE 25: *Less Certain Projects by Units and Potential Number of Public Students*

Development	ES Area	Total Units	Type	Public Students
231 & 251 St Asaphs Rd & 333 E City Ave	CW	567	MF	51.03
St. Charles Borromeo Seminary	ME	12	SFD	10.92
102-106 E Montgomery Avenue	PV	26	MF	2.34
1 Presidential Blvd	CW	150	MF	13.5
555 E. City Avenue	CW	254	MF	22.86

The developments use the same public student factors as shown on the previous page in Figure 24, based upon the number of asterisks. St. Charles Borromeo Seminary is a development for single family homes and uses the county average of 0.91 students per home.

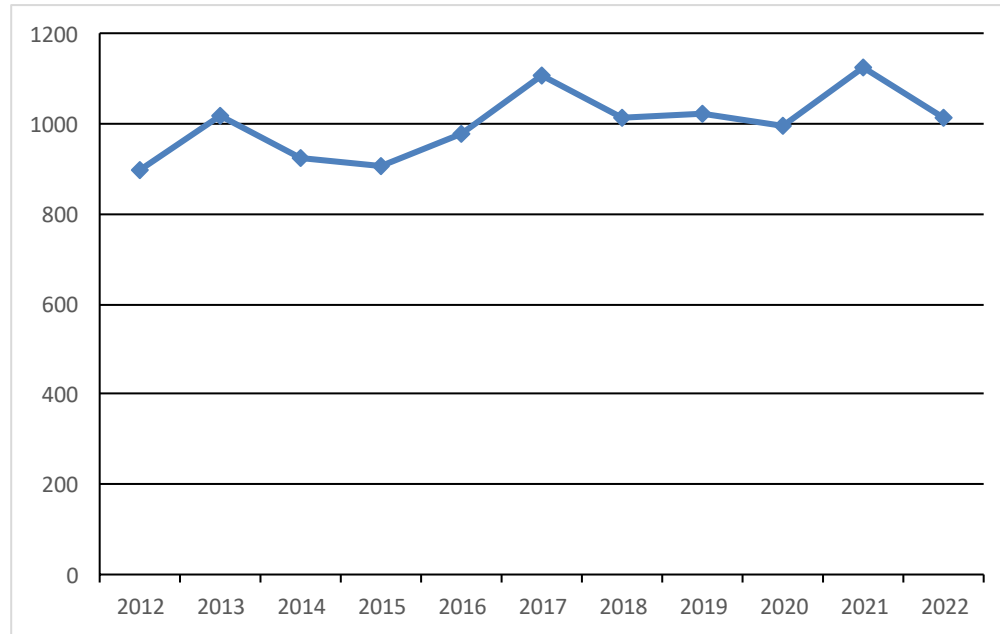
- Lower Merion and Narberth continue to see developer interest for potential infill projects, especially with midrise multifamily or mixed-use development. Figure 25 identifies additional projects that are newer to the development application process and have a less certain prognosis for actual development. Many of the larger submissions came in as sketch plans and were likely hastened by Lower Merion's rewriting of its zoning code, which reduced some multifamily density in areas such as Ardmore and the Bala Cynwyd Office Park along City Avenue.
- It is unlikely that all of these projects will get built in their current proposed form, and most have not yet been approved. However, if every one of them were to be built (at the moment, 1,009 units), approximately 100 additional students could be the result of this construction. The projections model in this study accommodates an additional 132 students from new development projects in the second five year period, so the model would not see any additional adjustment upwards if they were actually all built.

FIGURE 26: *Proposed Multifamily and Townhome Housing Developments Expected to be Constructed*



2F. Housing Activity—Housing Sales Activity

FIGURE 27: Total Housing Units Sold (New & Existing) at Market Rate in the LMSD, 2013-2022



Source: Montgomery County Planning Commission

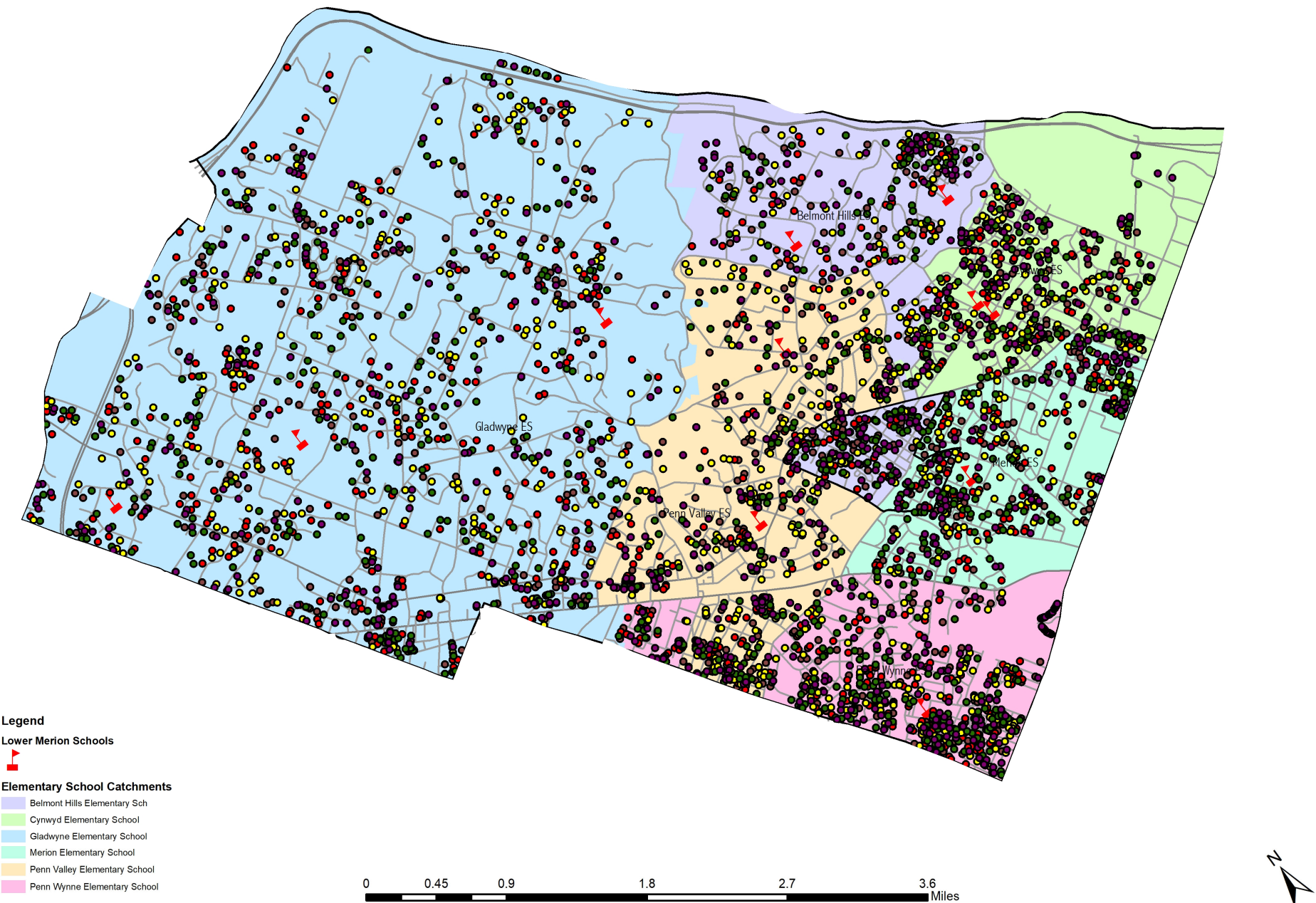
FIGURE 28: Existing Housing Units Sold by Elementary School Boundary Areas, 2017-2022

ES School Boundary	Total Housing Units— 2020	Market Rate Unit Sales—Existing Units Only							Sales as a Percent of 2020 Housing Units
		2017	2018	2019	2020	2021	2022	Total 17-22	
Belmont Hills	3,870	145	136	144	139	181	153	898	23.2%
Cynwyd	3,794	134	126	132	124	146	118	780	20.6%
Gladwyne	6,758	255	262	289	260	277	242	1,585	23.5%
Merion	3,473	145	122	109	111	116	92	695	20.0%
Penn Valley	5,363	187	157	161	197	194	156	1,052	19.6%
Penn Wynne	4,554	184	161	182	164	203	164	1,058	23.2%
Total	27,812	1,050	964	1,017	995	1,117	925	6,068	

Source: Montgomery County Planning Commission

- Housing sales continue to stay relatively strong. With a slight dip during the peak of the pandemic, sales are at the highest numbers seen in the last 10 years. With some fluctuation, it has averaged around 950 existing units per year since 2014. With interest rates again on the rise, it's possible that we'll see sales numbers fall somewhat in 2022 and 2023.
- Sales have also been analyzed at the elementary school level as shown in Figure 28.

FIGURE 29: *Housing Units Sold by Elementary School Boundary Areas, 2018-2022*



PART 3—DISTRICT ENROLLMENT PROJECTIONS

3A. Projections—Progression Rates with a Cohort Progression Model

A cohort progression model is a commonly used method that relies on recent trend data to forecast the future. It uses “Progression Rates” to establish ratios that reflect what happens to a class size as it advances from one grade to the next. All grades over multiple years are calculated and averages are used to program future class sizes over the next ten years. These rates will account for most recent trends and assumes that they will continue. Adjustments can be made when warranted. For more details on the background and structure of the traditional cohort progression model, please see Part 3 of the original 2015 MCPC study.

The pandemic and its unpredictable impacts to enrollment across the years of 2020 through 2022, have negated the reliability of utilizing recent progression rates for longer-term trends. Therefore, the choice was made to rely on trend progression rates observed in the four year period from 2018-20 and 2022-24. While this reduces overall confidence in the projection results, it still presents more predictable results based on other expectations and data. Over the next several years, it’s anticipated the pandemic will have less of an influence and more accurate post-pandemic trends can be identified and incorporated into subsequent models.

FIGURE 30: *Grade Progression Rates Over the Last Nine Years*

School Year	B-K	K-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
2015-16	0.856	1.480	1.042	1.030	1.032	1.041	1.023	1.002	1.013	1.077	1.009	1.030	1.015
2016-17	0.707	1.422	1.022	1.019	1.003	1.013	1.009	1.010	1.005	1.080	1.020	0.995	1.018
2017-18	0.815	1.547	1.048	1.025	1.012	1.053	1.019	1.036	1.022	1.054	1.024	0.975	1.022
2018-19	0.827	1.471	1.039	1.000	1.016	1.000	0.999	1.003	0.992	1.038	1.032	1.009	1.003
2019-20	0.726	1.602	1.062	1.048	1.014	1.018	1.016	1.001	1.021	1.059	1.021	1.003	0.988
2020-21	0.707	1.470	0.965	0.987	0.965	0.950	0.978	0.963	0.975	1.026	0.991	0.999	1.031
2021-22	0.677	1.398	1.007	0.987	0.970	0.979	1.001	0.969	1.000	1.036	1.005	1.019	1.027
2022-23	0.656	1.542	1.082	1.051	1.006	1.012	1.017	0.994	0.987	1.064	1.017	1.034	1.030
2023-24	0.671	1.785	1.045	1.009	1.022	0.972	1.021	0.997	0.991	1.076	1.010	1.010	1.036
<i>4 Year Avg</i>	0.720	1.600	1.057	1.027	1.014	1.001	1.013	0.999	0.998	1.059	1.020	1.014	1.014

- A ratio larger than 1.0 means that the class is growing that year due to new students entering the district.
- These rates reflect all the trends that have been discussed in this study.

3B. Projection Scenario

A single recommended scenario has been developed for this study update.

- The recommended scenario features:
 - 4 year progression rate average straddling the two years of enrollment most affected by the pandemic.
 - Estimated future births calculated as an average of the last 6 years.
 - Use of the Birth to Kindergarten ratio as the most consistent predictor of early grade classes over the last five years.
 - An adjustment for future residential development projects using modified school-children factors and balanced by the trend development that has already occurred in recent years.

The model represents our best estimate as to how the progression model should reflect school enrollments over the next ten years. Building projections for elementary schools naturally present less confident projections due to the smaller populations and greater variability that can occur. Final building projections were also calibrated to fit within the established districtwide projections for the K-4 grade levels.

3C. Projection Results —All Grades Assuming Half Day Kindergarten (HDK) Model

FIGURE 31: Half Day K (HDK)—Projected Enrollments by Grade, 2023-2033

School Year	Births 6 Years Ago*	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
2023-24 (Actual)	513	344	630	601	652	656	656	676	648	659	733	702	742	796	8,495
2024-25	552	397	551	666	617	662	656	665	675	647	698	748	712	753	8,447
2025-26	530	381	635	581	683	626	661	665	663	673	684	711	757	721	8,443
2026-27	533	387	614	675	601	697	630	674	668	666	717	702	725	772	8,529
2027-28	536	392	620	651	696	612	700	641	676	669	708	734	714	738	8,553
2028-29	534	390	623	655	669	706	612	709	640	674	708	722	744	724	8,576
2029-30	534	390	621	658	672	678	706	620	708	638	714	722	731	754	8,615
2030-31	534	390	621	656	676	682	678	716	620	707	676	728	732	742	8,624
2031-32	534	390	621	656	674	686	682	687	715	618	748	689	738	742	8,647
2032-33	534	390	621	656	674	683	686	691	687	713	655	763	699	748	8,666
2033-34	534	390	621	656	674	683	684	695	691	685	755	668	774	709	8,683

* The birth figure for each row does not pertain to births during that year, but rather the births that occurred six years prior to the projected year and would be a kindergarten student in the year identified. Births affecting 2028-2033 are estimates based on an average of the last six years.

FIGURE 32: Half Day K (HDK)—Districtwide Enrollment Projection Summary

Year	Total Students	Annual Change
2023-24 (Actual)	8,495	
2024-25	8,447	-48
2025-26	8,443	-4
2026-27	8,529	86
2027-28	8,553	24
2028-29	8,576	23
2029-30	8,615	39
2030-31	8,624	9
2031-32	8,647	23
2032-33	8,666	19
2033-34	8,683	17
Total Change (with HDK)		188

3D. Projection Results —School Level Summaries

FIGURE 33: Half Day K (HDK)—Grades K-4
Elementary School Enrollment Projections

Year	Total Students	Annual Change
2023-24 (Actual)	2,883	
2024-25	2,893	10
2025-26	2,906	13
2026-27	2,975	69
2027-28	2,972	-3
2028-29	3,043	71
2029-30	3,020	-23
2030-31	3,025	5
2031-32	3,026	1
2032-33	3,024	-2
2033-34	3,024	0
<i>Total Change 2023-2033</i>		<i>141</i>

FIGURE 34: Half Day K (HDK)—Grades 5-8
Middle School Enrollment Projections

Year	Total Students	Annual Change
2023-24 (Actual)	2,639	
2024-25	2,643	4
2025-26	2,662	19
2026-27	2,638	-24
2027-28	2,686	48
2028-29	2,636	-50
2029-30	2,674	38
2030-31	2,721	47
2031-32	2,703	-18
2032-33	2,777	74
2033-34	2,754	-23
<i>Total Change 2023-2033</i>		<i>115</i>

FIGURE 35: Half Day K (HDK)—Grades 9-12
High School Enrollment Projections

Year	Total Students	Annual Change
2023-24 (Actual)	2,973	
2024-25	2,911	-62
2025-26	2,875	-36
2026-27	2,917	42
2027-28	2,895	-22
2028-29	2,898	3
2029-30	2,922	24
2030-31	2,878	-44
2031-32	2,918	40
2032-33	2,865	-53
2033-34	2,905	40
<i>Total Change 2023-2033</i>		<i>-68</i>

3D. Projection Results —Building Summaries

FIGURE 36: Half Day K (HDK)—Summary for Elementary School Buildings (Peak years in red)

Year	Belmont Hills	Cynwyd	Gladwyne	Merion	Penn Valley	Penn Wynne
2023-24 (Actual)	343	441	546	440	506	607
2024-25	329	433	557	431	561	582
2025-26	320	426	554	433	597	576
2026-27	300	441	585	436	637	574
2027-28	290	465	622	415	630	550
2028-29	290	483	629	432	633	576
2029-30	289	498	638	422	621	551
2030-31	285	517	640	431	607	545
2031-32	287	499	636	438	610	556
2032-33	292	481	610	439	635	567
2033-34	292	481	610	439	635	567
Total Change (with HDK)	-51	40	64	-1	129	-40

FIGURE 37: Half Day K (HDK)—Summary for Middle and High School Buildings (Peak years in red)

Year	Bala Cynwyd MS	Black Rock MS	Welsh Valley MS		Harriton HS	Lower Merion HS
2023-24 (Actual)	793	1,028	818		1,207	1,766
2024-25	804	1,051	788		1,174	1,736
2025-26	820	1,066	776		1,173	1,702
2026-27	820	1,052	766		1,204	1,712
2027-28	848	1,053	785		1,216	1,679
2028-29	821	1,010	805		1,217	1,680
2029-30	830	1,011	832		1,227	1,695
2030-31	814	1,042	864		1,209	1,669
2031-32	813	1,033	857		1,226	1,692
2032-33	858	1,078	842		1,203	1,662
2033-34	863	1,061	830		1,221	1,685
Total Change (with HDK)	70	33	12		14	-81

3E. Projection Results —All Grades Assuming Full Day Kindergarten Model

Theoretically, when more families enroll in public school for kindergarten instead of a private option (if both offer a full school day), that increase in kindergarten enrollment is partially countered by a reduction in the incoming students at the first grade level. This dynamic is exaggerated in the LMSD as it has always had uniquely high progression rates into the first grade.

Some of the more comparable school districts that implemented full day kindergarten in recent years were used to identify averages for the impact to both kindergarten and first grade class sizes before and after full day kindergarten was initiated (See Figure 37). We added Garnet Valley's enrollment data as a very recent switch to full day kindergarten. In all cases, the increase in kindergarten has not been entirely offset by a decrease in first grade progression, thus resulting in overall increased enrollments for each district due to full day kindergarten.

We chose just one enrollment model to project the result of a full day kindergarten. This model substitutes the averages from the example districts without further adjustment.

This model stills indicates growth. However, we believe that LMSD is still unique and is less likely to not have some of its growth offset by other factors. The results on the following pages suggest that the district's projected growth over ten years could be 600 students, more students than the base projected increase of 188 students.

Full Day Kindergarten Model

- Average increase of example districts implementing Full Day Kindergarten is 19.55%
- Average decrease of K-1 progression rate for example districts implementing Full Day Kindergarten is -11.74%

FIGURE 38: *Full Day Kindergarten Implementation Impacts in Comparable School Districts*

School District	Year Full Day K Implemented	Kindergarten Enrollment Year Prior to Full Day	Kindergarten Enrollment Year Implemented	Percent Change K Enrollment	Progression Rate K-1 before Full Day Implementation	Progression Rate K-1 after Full Day Implementation	K-1 Progression Rate Percent Change
Garnet Valley	2022-2023	249	270	8.43%	1.265	1.089	-13.93%
North Penn	2019-2020	799	995	24.53%	1.164	0.999	-14.17 %
Great Valley	2019-2020	251	308	22.71%	1.259	1.097	-12.83 %
Upper Merion	2018-2019	290	356	22.76%	1.090	0.972	-10.81 %
Radnor	2014-2015	202	241	19.31%	1.183	1.104	-6.71 %
Average				19.55%	1.192	1.052	-11.74 %

FIGURE 39: Full Day K (FDK) Model—Projected Enrollments by Grade, 2024-2033

School Year	Births 6 Years Ago	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	Annual Change
2023-24 (Actual)	513	344	630	601	652	656	656	676	648	659	733	702	742	796	8,495	—
2024-25	552	475	551	666	617	662	656	665	675	647	698	748	712	753	8,524	29
2025-26	530	456	670	581	683	626	661	665	663	673	684	711	757	721	8,553	29
2026-27	533	462	648	713	601	697	630	674	668	666	717	702	725	772	8,675	122
2027-28	536	467	654	687	734	612	700	641	676	669	708	734	714	738	8,736	61
2028-29	534	465	657	691	705	745	612	709	640	674	708	722	744	724	8,796	60
2029-30	534	465	655	694	709	715	745	620	708	638	714	722	731	754	8,873	77
2030-31	534	465	655	692	713	719	716	755	620	707	676	728	732	742	8,919	46
2031-32	534	465	655	692	710	723	720	725	754	618	748	689	738	742	8,981	62
2032-33	534	465	655	692	710	721	724	729	724	752	655	763	699	748	9,037	56
2033-34	534	465	655	692	710	721	721	733	728	723	797	668	774	709	9,095	58
Total Change (with FDK)		121	25	91	58	65	65	57	80	64	64	-34	32	-87	600	
Base Projection Change		46	-9	55	22	27	28	19	43	26	22	-34	32	-87	188	

FIGURE 40: Full Day K (FDK) Model—Projections by Individual School Compared to Base Projection

Year	Belmont Hills ES	Cynwyd ES	Gladwyne ES	Merion ES	Penn Valley ES	Penn Wynne ES	Bala Cynwyd MS	Black Rock MS	Welsh Valley MS	Harrington HS*	Lower Merion HS*
2023-24 (Actual)	343	441	546	440	506	607	793	1,028	818	1,207	1,766
2024-25	337	442	573	443	576	600	804	1,051	788	1,174	1,736
2025-26	332	439	577	448	620	600	820	1,066	776	1,173	1,702
2026-27	315	462	616	457	668	603	820	1,052	766	1,204	1,712
2027-28	307	492	663	441	666	585	848	1,053	785	1,216	1,679
2028-29	311	516	676	463	678	619	821	1,010	805	1,217	1,680
2029-30	311	532	685	454	665	593	842	1,026	845	1,227	1,695
2030-31	306	552	687	463	651	586	836	1,072	889	1,209	1,669
2031-32	308	533	683	470	654	597	847	1,077	893	1,226	1,692
2032-33	313	514	655	471	680	609	905	1,137	888	1,203	1,662
2033-34	313	514	655	471	680	609	910	1,119	876	1,238	1,709
Total Change (with FDK)	-30	73	109	31	174	2	117	91	58	31	-57
Base Projection Change	-51	40	64	-1	129	-40	70	33	12	14	-81

* The high school figures do not include the adjustments for the High School Choice Program.

FIGURE 41: Full Day K Model—Districtwide Enrollment Projection Summary

Year	Total Students	Annual Change
2023-24 (Actual)	8,495	
2024-25	8,524	26
2025-26	8,553	30
2026-27	8,675	122
2027-28	8,736	64
2028-29	8,796	57
2029-30	8,873	75
2030-31	8,919	44
2031-32	8,981	59
2032-33	9,037	54
2033-34	9,095	53
Total Change (with FDK)		600

FIGURE 42: Full Day K Model—Grades K-4 Elementary School Enrollment Projections

Year	Total Students	Annual Change
2023-24 (Actual)	2,883	
2024-25	2,971	88
2025-26	3,016	45
2026-27	3,120	105
2027-28	3,155	35
2028-29	3,263	108
2029-30	3,239	-24
2030-31	3,244	5
2031-32	3,246	1
2032-33	3,243	-3
2033-34	3,243	0
Total Change 2023-2033		360

FIGURE 43: Full Day K Model—Grades 5-8 Middle School Enrollment Projections

Year	Total Students	Annual Change
2023-24 (Actual)	2,639	
2024-25	2,643	4
2025-26	2,662	19
2026-27	2,638	-25
2027-28	2,686	49
2028-29	2,636	-51
2029-30	2,712	77
2030-31	2,797	85
2031-32	2,817	20
2032-33	2,929	112
2033-34	2,905	-24
Total Change 2023-2033		266

FIGURE 44: Full Day K Model—Grades 9-12 High School Enrollment Projections

Year	Total Students	Annual Change
2023-24 (Actual)	2,973	
2024-25	2,911	-62
2025-26	2,875	-36
2026-27	2,917	42
2027-28	2,895	-22
2028-29	2,898	3
2029-30	2,922	24
2030-31	2,878	-44
2031-32	2,918	40
2032-33	2,865	-53
2033-34	2,947	82
Total Change 2023-2033		-26

FIGURE 45: Full Day K Model—Summary for Elementary School Buildings (Peak years in red)

Year	Belmont Hills	Cynwyd	Gladwyne	Merion	Penn Valley	Penn Wynne
2023-24 (Actual)	343	441	546	440	506	607
2024-25	337	442	573	443	576	600
2025-26	332	439	577	448	620	600
2026-27	315	462	616	457	668	603
2027-28	307	492	663	441	666	585
2028-29	311	516	676	463	678	619
2029-30	311	532	685	454	665	593
2030-31	306	552	687	463	651	586
2031-32	308	533	683	470	654	597
2032-33	313	514	655	471	680	609
2033-34	313	514	655	471	680	609
Total Change	-30	73	109	31	174	2

FIGURE 46: Full Day K Model—Summary for Middle and High School Buildings (Peak years in red)

Year	Bala Cynwyd MS	Black Rock MS	Welsh Valley MS		Harrington HS	Lower Merion HS
2023-24 (Actual)	793	1,028	818		1,207	1,766
2024-25	804	1,051	788		1,174	1,736
2025-26	820	1,066	776		1,173	1,702
2026-27	820	1,052	766		1,204	1,712
2027-28	848	1,053	785		1,216	1,679
2028-29	821	1,010	805		1,217	1,680
2029-30	842	1,026	845		1,227	1,695
2030-31	836	1,072	889		1,209	1,669
2031-32	847	1,077	893		1,226	1,692
2032-33	905	1,137	888		1,203	1,662
2033-34	910	1,119	876			1,709
Total Change	117	91	58	1,238	31	57

Conclusion

This is the eighth enrollment projections study conducted by the Montgomery County Planning Commission since 2015. Though the pandemic has affected enrollment trends, it will not forever add to the uncertainty in the projections study process. This study still includes the best data available to give the district a good understanding of what likely lies ahead.

Our previous studies recognized some major factors driving growth in the District's enrollment—reduced private school attendance, more students coming out of existing multifamily developments, and more students from the sale of homes. These are still relevant factors, but even before the pandemic, their impact appeared to be on the verge of stabilizing, or at least seeing more moderate growth on the horizon. The district had been growing every year without exception since 2008 until the pandemic started in 2020 and the 2020-21 enrollment saw its first decline. With several years of data to look at post-pandemic, it appears that enrollment continues to stabilize.

The projection identifies that the district's enrollment will grow slightly overall. The district is expected to gain just shy of 200 students over the next ten years. Declines in birth activity and a slowed rate of new construction help to rationalize this result. These projections show the elementary and middle school levels growing slightly over the next 10 years. And at this point, the high school enrollment numbers encompass the growth from these lower school levels from the years prior. The 10 year projection number is below what enrollment at the high school level is today.

The district continues to work toward a goal of adding full day kindergarten, and an alternative model has been provided to show how that could change enrollment. Based upon the experiences of other districts, the impact could be significant. Total growth over ten years could potentially rise to about 600 additional students with the implementation of full day kindergarten.

APPENDIX—BUILDING PROJECTIONS

Belmont Hills ES
Half Day KG

YEAR	BIRTHS 6 years prior	KDG	GRADE				TOTAL STUDENTS
			1	2	3	4	
2014-15	83	54	89	82	71	94	390
2015-16	64	55	92	92	80	74	393
2016-17	91	64	78	93	90	83	408
2017-18	58	51	98	87	94	89	419
2018-19	69	50	82	96	90	89	407
2019-20	75	42	85	88	96	83	394
2020-21	70	49	77	76	84	93	379
2021-22	67	54	76	75	76	79	360
2022-23	61	40	79	76	72	80	347
2023-24	59	37	69	84	74	79	343

4 year avg.
2018-19,
2022-23

0.642 1.624 1.029 0.992 1.005

PROJECTED ENROLLMENT—HALF DAY KG MODEL

YEAR	BIRTHS	KDG	GRADE				TOTAL STUDENTS
			1	2	3	4	
2024-25	60	39	60	71	84	75	329
2025-26	65	42	63	62	70	84	320
2026-27	57	37	68	64	61	71	300
2027-28	55	36	59	70	64	62	290
2028-29	60	39	57	61	69	64	290
2029-30	60	39	62	59	60	69	289
2030-31	60	39	62	64	58	61	285
2031-32	60	38	62	64	63	59	287
2032-33	60	39	62	64	63	64	292
2033-34	60	39	62	64	63	64	292

Note: The birth figures affecting school years through 2027-28 are actual geocoded data. Birth figures for 2028-29 through 2033-34 are estimates based on the average of the last 6 years.

Belmont Hills ES
Full Day KG

YEAR	BIRTHS 6 YEARS PRIOR	GRADE					TOTAL STUDENTS
		KDG	1	2	3	4	
2014-15	83	54	89	82	71	94	390
2015-16	64	55	92	92	80	74	393
2016-17	91	64	78	93	90	83	408
2017-18	58	51	98	87	94	89	419
2018-19	69	50	82	96	90	89	407
2019-20	75	42	85	88	96	83	394
2020-21	70	49	77	76	84	93	379
2021-22	67	54	76	75	76	79	360
2022-23	61	40	79	76	72	80	347
2023-24	59	37	69	84	74	79	343

Progression		B-K	K-1	1-2	2-3	3-4
Rate	4 year avg.	0.642	1.624	1.029	0.992	1.005

PROJECTED ENROLLMENT—FULL DAY KG MODEL

YEAR	BIRTHS 6 YEARS PRIOR	GRADE					TOTAL STUDENTS
		KDG	1	2	3	4	
2024-25	60	46	60	71	84	75	337
2025-26	65	50	66	62	70	83	332
2026-27	57	44	71	68	61	71	315
2027-28	55	42	63	73	67	62	307
2028-29	60	46	60	64	73	67	311
2029-30	60	46	66	62	64	73	311
2030-31	60	46	66	68	62	64	306
2031-32	60	46	66	67	67	62	308
2032-33	60	46	66	67	67	67	313
2033-34	60	46	66	67	67	67	313

Note: The birth figures affecting school years through 2027-28 are actual geocoded data. Birth figures for 2028-29 through 2033-34 are estimates based on the average of the last 6 years.

**Cynwyd ES
Half Day KG**

YEAR	BIRTHS 6 years prior	KDG	GRADE				TOTAL STUDENTS
			1	2	3	4	
2014-15	82	71	86	102	104	85	448
2015-16	72	60	107	88	107	109	471
2016-17	83	39	92	108	87	113	439
2017-18	84	50	83	90	118	88	429
2018-19	81	74	96	88	93	120	471
2019-20	66	41	112	103	93	94	443
2020-21	87	69	80	112	111	96	468
2021-22	75	53	91	84	110	108	446
2022-23	83	37	91	93	95	112	428
2023-24	66	46	92	100	100	103	441
4 year avg. 2018-19, 2022-23			0.669	1.909	1.064	1.074	1.033

PROJECTED ENROLLMENT—HALF DAY KG MODEL

YEAR	BIRTHS	KDG	GRADE				TOTAL STUDENTS
			1	2	3	4	
2024-25	67	43	86	96	106	102	433
2025-26	65	41	83	91	102	108	426
2026-27	87	59	83	91	100	108	441
2027-28	88	60	112	89	99	104	465
2028-29	76	52	113	119	96	102	483
2029-30	76	52	98	120	128	99	498
2030-31	76	53	98	105	129	132	517
2031-32	76	52	98	104	112	133	499
2032-33	76	52	98	104	112	115	481
2033-34	76	52	98	104	112	115	481

Note: The birth figures affecting school years through 2027-28 are actual geocoded data. Birth figures for 2028-29 through 2033-34 are estimates based on the average of the last 6 years.

Cynwyd ES
Full Day KG

YEAR	BIRTHS 6 years prior	KDG	1	2	3	4	TOTAL STUDENTS
2015-16	72	60	107	88	107	109	471
2016-17	83	39	92	108	87	113	439
2017-18	84	50	83	90	118	88	429
2018-19	81	74	96	88	93	120	471
2019-20	66	41	112	103	93	94	443
2020-21	87	69	80	112	111	96	468
2021-22	75	53	91	84	110	108	446
2022-23	83	37	91	93	95	112	428
2023-24	66	46	92	100	100	103	441

Progression		B-K	K-1	1-2	2-3	3-4
Rate	4 year avg.	0.669	1.909	1.064	1.074	1.033

PROJECTED ENROLLMENT—FULL DAY KG MODEL

GRADE							
YEAR	BIRTHS 6 years prior	KDG	1	2	3	4	TOTAL STUDENTS
2024-25	67	52	86	96	106	102	442
2025-26	65	50	88	91	102	108	439
2026-27	87	70	88	96	100	108	462
2027-28	88	72	118	94	104	104	492
2028-29	76	62	119	126	101	108	516
2029-30	76	62	104	127	135	104	532
2030-31	76	62	104	110	136	139	552
2031-32	76	62	103	110	118	140	533
2032-33	76	62	103	110	118	121	514
2033-34	76	62	103	110	118	121	514

Note: The birth figures affecting school years through 2027-28 are actual geocoded data. Birth figures for 2028-29 through 2033-34 are estimates based on the average of the last 6 years.

Gladwyne ES
Half Day KG

YEAR	BIRTHS 6 years prior	KDG	GRADE				TOTAL STUDENTS
			1	2	3	4	
2014-15	112	90	103	112	145	137	587
2015-16	104	86	129	117	121	142	595
2016-17	110	82	130	137	118	116	583
2017-18	92	83	124	140	143	116	606
2018-19	100	90	110	130	130	146	606
2019-20	97	91	138	115	136	129	609
2020-21	110	89	109	131	116	140	585
2021-22	95	77	119	110	137	119	562
2022-23	78	64	96	131	117	133	541
2023-24	100	87	107	103	134	115	546

4 year avg.
2018-19,
2022-23

0.882 1.444 1.067 1.015 0.992

PROJECTED ENROLLMENT—HALF DAY KG MODEL

YEAR	BIRTHS	KDG	GRADE				TOTAL STUDENTS
			1	2	3	4	
2024-25	93	82	125	114	104	132	557
2025-26	98	86	117	133	115	103	554
2026-27	98	86	124	126	135	114	585
2027-28	118	104	124	132	128	134	622
2028-29	98	86	149	132	135	127	629
2029-30	98	86	124	159	135	133	638
2030-31	98	86	125	133	162	134	640
2031-32	98	86	124	132	134	160	636
2032-33	98	86	124	132	134	133	610
2033-34	98	86	124	132	134	133	610

Note: The birth figures affecting school years through 2027-28 are actual geocoded data. Birth figures for 2028-29 through 2033-34 are estimates based on the average of the last 6 years.

Gladwyne ES
Full Day KG

		GRADE					
YEAR	BIRTHS	KDG	1	2	3	4	TOTAL STUDENTS
2014-15	112	90	103	112	145	137	587
2015-16	104	86	129	117	121	142	595
2016-17	110	82	130	137	118	116	583
2017-18	92	83	124	140	143	116	606
2018-19	100	90	110	130	130	146	606
2019-20	97	91	138	115	136	129	609
2020-21	110	89	109	131	116	140	585
2021-22	95	77	119	110	137	119	562
2022-23	78	64	96	131	117	133	541
2023-24	100	87	107	103	134	115	546

Progression		B-K	K-1	1-2	2-3	3-4
Rate	4 year avg.	0.882	1.444	1.067	1.015	0.992

PROJECTED ENROLLMENT—FULL DAY KG MODEL

			GRADE				
YEAR	BIRTHS	KDG	1	2	3	4	TOTAL STUDENTS
2024-25	93	98	125	114	104	132	573
2025-26	98	102	124	133	115	103	577
2026-27	98	103	131	133	135	114	616
2027-28	118	124	131	140	135	134	663
2028-29	98	103	158	140	142	134	676
2029-30	98	103	131	168	142	141	685
2030-31	98	103	131	140	171	141	687
2031-32	98	103	131	139	142	169	683
2032-33	98	103	131	139	142	140	655
2033-34	98	103	131	139	142	140	655

Note: The birth figures affecting school years through 2027-28 are actual geocoded data. Birth figures for 2028-29 through 2033-34 are estimates based on the average of the last 6 years.

**Merion ES
Half Day KG**

YEAR	BIRTHS 6 years prior	KDG	GRADE				TOTAL STUDENTS
			1	2	3	4	
2014-15	97	75	94	103	114	102	488
2015-16	100	77	105	97	109	118	506
2016-17	100	65	107	105	106	111	494
2017-18	103	77	82	111	105	108	483
2018-19	104	58	99	90	118	108	473
2019-20	140	78	106	112	96	117	509
2020-21	121	49	110	108	113	92	472
2021-22	117	56	88	104	100	103	451
2022-23	118	63	89	97	102	96	447
2023-24	112	47	105	88	92	108	440

4 year avg.
2018-19,
2022-23

0.517 1.592 1.080 1.015 1.010

PROJECTED ENROLLMENT—HALF DAY KG MODEL

YEAR	BIRTHS	KDG	GRADE				TOTAL STUDENTS
			1	2	3	4	
2024-25	120	62	75	113	89	93	431
2025-26	101	52	98	80	114	89	433
2026-27	100	51	82	106	81	115	436
2027-28	109	56	81	89	107	82	415
2028-29	110	56	89	88	90	108	432
2029-30	110	56	90	96	89	91	422
2030-31	110	56	90	97	98	90	431
2031-32	110	56	89	97	98	98	438
2032-33	110	56	89	97	98	99	439
2033-34	110	56	89	97	98	99	439

Note: The birth figures affecting school years through 2027-28 are actual geocoded data. Birth figures for 2028-29 through 2033-34 are estimates based on the average of the last 6 years.

Merion ES
Full Day KG

YEAR	BIRTHS	KDG	GRADE				TOTAL STUDENTS
			1	2	3	4	
2014-15	97	75	94	103	114	102	488
2015-16	100	77	105	97	109	118	506
2016-17	100	65	107	105	106	111	494
2017-18	103	77	82	111	105	108	483
2018-19	104	58	99	90	118	108	473
2019-20	140	78	106	112	96	117	509
2020-21	121	49	110	108	113	92	472
2021-22	117	56	88	104	100	103	451
2022-23	118	63	89	97	102	96	447
2023-24	112	47	105	88	92	108	440

Progression		B-K	K-1	1-2	2-3	3-4
Rate	4 year avg.	0.517	1.592	1.080	1.015	1.010

PROJECTED ENROLLMENT—FULL DAY KG MODEL

YEAR	BIRTHS	KDG	GRADE				TOTAL STUDENTS
			1	2	3	4	
2024-25	120	74	75	113	89	93	443
2025-26	101	62	103	80	114	89	448
2026-27	100	61	87	112	81	115	457
2027-28	109	67	86	94	113	82	441
2028-29	110	67	94	93	95	114	463
2029-30	110	67	95	101	94	96	454
2030-31	110	67	95	102	103	95	463
2031-32	110	67	94	102	103	103	470
2032-33	110	67	94	102	103	104	471
2033-34	110	67	94	102	103	104	471

Note: The birth figures affecting school years through 2027-28 are actual geocoded data. Birth figures for 2028-29 through 2033-34 are estimates based on the average of the last 6 years.

Penn Valley ES
Half Day KG

YEAR	BIRTHS 6 years prior	KDG	GRADE				TOTAL STUDENTS
			1	2	3	4	
2014-15	80	63	133	131	112	125	564
2015-16	97	80	101	140	133	122	576
2016-17	73	55	115	108	138	132	548
2017-18	95	76	108	126	104	138	552
2018-19	74	77	124	114	124	108	547
2019-20	82	54	133	135	118	137	577
2020-21	109	74	89	120	130	103	516
2021-22	89	48	105	92	118	123	486
2022-23	99	76	104	113	99	122	514
2023-24	91	67	126	105	114	94	506

4 year avg.
2018-19,
2022-23

0.801 1.796 1.058 1.026 1.032

PROJECTED ENROLLMENT—HALF DAY KG MODEL

YEAR	BIRTHS	KDG	GRADE				TOTAL STUDENTS
			1	2	3	4	
2024-25	99	80	121	134	108	118	561
2025-26	101	81	142	127	136	111	597
2026-27	88	71	145	150	130	141	637
2027-28	76	62	127	153	154	135	630
2028-29	92	74	109	134	157	159	633
2029-30	92	74	132	116	137	162	621
2030-31	92	74	132	140	119	142	607
2031-32	92	74	132	139	143	122	610
2032-33	92	74	132	139	143	147	635
2033-34	92	74	132	139	143	147	635

Note: The birth figures affecting school years through 2027-28 are actual geocoded data. Birth figures for 2028-29 through 2033-34 are estimates based on the average of the last 6 years.

Penn Valley ES
Full Day KG

YEAR	BIRTHS	KDG	GRADE				TOTAL STUDENTS
			1	2	3	4	
2014-15	80	63	133	131	112	125	564
2015-16	97	80	101	140	133	122	576
2016-17	73	55	115	108	138	132	548
2017-18	95	76	108	126	104	138	552
2018-19	74	77	124	114	124	108	547
2019-20	82	54	133	135	118	137	577
2020-21	109	74	89	120	130	103	516
2021-22	89	48	105	92	118	123	486
2022-23	99	76	104	113	99	122	514
2023-24	91	67	126	105	114	94	506

Progression		B-K	K-1	1-2	2-3	3-4
Rate	4 year avg.	0.801	1.796	1.058	1.026	1.032

PROJECTED ENROLLMENT—FULL DAY KG MODEL

YEAR	BIRTHS	KDG	GRADE				TOTAL STUDENTS
			1	2	3	4	
2024-25	99	95	121	134	108	118	576
2025-26	101	97	150	127	136	111	620
2026-27	88	85	153	159	131	141	668
2027-28	76	73	133	162	163	135	666
2028-29	92	88	115	141	166	168	678
2029-30	92	88	139	122	145	171	665
2030-31	92	89	140	148	125	149	651
2031-32	92	88	139	147	151	129	654
2032-33	92	88	139	147	151	155	680
2033-34	92	88	139	147	151	155	680

Note: The birth figures affecting school years through 2027-28 are actual geocoded data. Birth figures for 2028-29 through 2033-34 are estimates based on the average of the last 6 years.

Penn Wynne ES
Half Day KG

YEAR	BIRTHS 6 years prior	KDG	GRADE				TOTAL STUDENTS
			1	2	3	4	
2014-15	106	101	116	128	114	117	576
2015-16	106	107	138	113	128	116	602
2016-17	112	97	139	136	120	125	617
2017-18	104	100	127	139	140	128	634
2018-19	104	91	132	128	138	144	633
2019-20	109	107	131	130	138	143	649
2020-21	109	97	142	133	120	129	621
2021-22	109	85	118	146	130	122	601
2022-23	99	73	116	136	157	132	614
2023-24	85	60	131	121	138	157	607

4 year avg.
2018-19,
2022-23

0.825 1.480 1.047 1.040 1.020

PROJECTED ENROLLMENT—HALF DAY KG MODEL

YEAR	BIRTHS	KDG	GRADE				TOTAL STUDENTS
			1	2	3	4	
2024-25	113	93	88	136	125	140	582
2025-26	100	81	136	92	141	127	576
2026-27	85	70	121	143	96	144	574
2027-28	87	72	103	127	149	98	550
2028-29	95	78	106	108	132	152	576
2029-30	95	78	115	111	112	135	551
2030-31	95	78	116	121	115	115	545
2031-32	95	78	115	120	125	117	556
2032-33	95	78	115	120	125	128	567
2033-34	95	78	115	120	125	128	567

Note: The birth figures affecting school years through 2027-28 are actual geocoded data. Birth figures for 2028-29 through 2033-34 are estimates based on the average of the last 6 years.

Penn Wynne ES
Full Day KG

YEAR	BIRTHS	KDG	GRADE				TOTAL STUDENTS
			1	2	3	4	
2014-15	106	101	116	128	114	117	576
2015-16	106	107	138	113	128	116	602
2016-17	112	97	139	136	120	125	617
2017-18	104	100	127	139	140	128	634
2018-19	104	91	132	128	138	144	633
2019-20	109	107	131	130	138	143	649
2020-21	109	97	142	133	120	129	621
2021-22	109	85	118	146	130	122	601
2022-23	99	73	116	136	157	132	614
2023-24	85	60	131	121	138	157	607

Progression		B-K	K-1	1-2	2-3	3-4
Rate	4 year avg.	0.825	1.480	1.047	1.040	1.020

PROJECTED ENROLLMENT—FULL DAY KG MODEL

YEAR	BIRTHS	KDG	GRADE				TOTAL STUDENTS
			1	2	3	4	
2024-25	113	111	88	136	125	140	600
2025-26	100	97	144	92	141	127	600
2026-27	85	83	128	151	96	144	603
2027-28	87	86	109	134	158	98	585
2028-29	95	93	111	114	139	161	619
2029-30	95	93	122	117	119	142	593
2030-31	95	94	122	128	122	121	586
2031-32	95	93	121	127	132	124	597
2032-33	95	93	121	127	132	135	609
2033-34	95	93	121	127	132	135	609

Note: The birth figures affecting school years through 2027-28 are actual geocoded data. Birth figures for 2028-29 through 2033-34 are estimates based on the average of the last 6 years.

Bala Cynwyd MS
Half Day KG

- Due to the reconfiguration of middle schools from 6-8 to 5-8 grades in 2022-23, progression rates are not identifiable at the individual school level. Districtwide progression rates for middle school grades are used instead.

YEAR	4th Grade*	GRADE				TOTAL STUDENTS
		5	6	7	8	
2014-15			280	299	322	901
2015-16			288	280	298	866
2016-17			339	298	278	915
2017-18			353	354	305	1,012
2018-19			365	353	345	1,063
2019-20		240	325	368	360	1,053
2020-21		205	377	314	359	1,050
2021-22	211	183	344	358	317	1,019
2022-23	208	209	180	211	211	811
2023-24	211	201	214	181	197	793

Districtwide 4 year avg.
2018-19,
2022-23

1.001 1.013 0.999 0.998

PROJECTED ENROLLMENT—HALF DAY KG MODEL

YEAR	4th Grade*	GRADE				TOTAL STUDENTS
		5	6	7	8	
2024-25	194	210	202	213	179	804
2025-26	197	194	212	202	212	820
2026-27	223	201	200	215	205	820
2027-28	186	226	205	201	216	848
2028-29	210	187	229	205	200	821
2029-30	190	210	189	228	204	830
2030-31	222	189	212	188	226	814
2031-32	231	222	192	212	188	813
2032-33	214	230	225	192	211	858
2033-34	214	214	233	225	191	863

** Unlike the births column on ES models, the 4th grade pertains to the year designated. For example, the predicted 197 4th graders in 2025-26 will become the 201 5th graders in 2026-27.*

Bala Cynwyd MS
Full Day KG

Progression		4-5	5-6	6-7	7-8
Rate	4 year avg.	1.001	1.013	0.999	0.998

- Due to the reconfiguration of middle schools from 6-8 to 5-8 grades in 2022-23, progression rates are not identifiable at the individual school level. Districtwide progression rates for middle school grades are used instead.

YEAR	GRADE					TOTAL STUDENTS
	4th Grade*	5	6	7	8	
2014-15			280	299	322	901
2015-16			288	280	298	866
2016-17			339	298	278	915
2017-18			353	354	305	1012
2018-19			365	353	345	1063
2019-20		240	325	368	360	1053
2020-21		205	377	314	359	1050
2021-22	211	183	344	358	317	1019
2022-23	208	209	180	211	211	811
2023-24	211	201	214	181	197	793

PROJECTED ENROLLMENT—FULL DAY KG MODEL

YEAR	GRADE					TOTAL STUDENTS
	4th Grade*	5	6	7	8	
2024-25	194	210	202	213	179	804
2025-26	197	194	212	202	212	820
2026-27	224	201	200	215	205	820
2027-28	186	226	205	201	216	848
2028-29	222	187	229	205	200	821
2029-30	201	222	189	228	203	842
2030-31	235	199	223	188	226	836
2031-32	244	234	202	223	188	847
2032-33	226	243	237	202	223	905
2033-34	226	225	246	237	202	910

** Unlike the births column on ES models, the 4th grade pertains to the year designated. For example, the predicted 197 4th graders in 2025-26 will become the 201 5th graders in 2026-27.*

Black Rock MS
Half Day KG

- Due to the reconfiguration of middle schools from 6-8 to 5-8 grades in 2022-23, progression rates are not identifiable at the individual school level. Districtwide progression rates for middle school grades are used instead.

YEAR	GRADE					TOTAL STUDENTS
	4th Grade*	5	6	7	8	
2014-15						0
2015-16						0
2016-17						0
2017-18						0
2018-19						0
2019-20						0
2020-21						0
2021-22	241	265				265
2022-23	265	252	263	242	275	1,032
2023-24	272	262	254	261	251	1,028
Districtwide	4 year avg. 2018-19, 2022-23	1.001	1.013	0.999	0.998	

PROJECTED ENROLLMENT

YEAR	GRADE					TOTAL STUDENTS
	4th Grade*	5	6	7	8	
2024-25	272	272	265	253	260	1,051
2025-26	229	273	276	265	253	1,066
2026-27	259	231	278	277	266	1,052
2027-28	233	261	236	279	278	1,053
2028-29	279	233	264	235	278	1,010
2029-30	268	279	236	263	234	1,011
2030-31	249	267	281	234	261	1,042
2031-32	277	248	271	281	234	1,033
2032-33	261	276	251	270	280	1,078
2033-34	261	260	280	251	270	1,061

** Unlike the births column on ES models, the 4th grade pertains to the year designated. For example, the predicted 229 4th graders in 2025-26 will become the 231 5th graders in 2026-27.*

Black Rock MS
Full Day KG

Progression		4-5	5-6	6-7	7-8
Rate	4 year avg.	1.001	1.013	0.999	0.998

FULL DAY KG MODEL A

YEAR	GRADE					TOTAL STUDENTS
	4th Grade*	5	6	7	8	
2014-15						0
2015-16						0
2016-17						0
2017-18						0
2018-19						0
2019-20						0
2020-21						0
2021-22	241	265				265
2022-23	265	252	263	242	275	1,032
2023-24	272	262	254	261	251	1,028

- Due to the reconfiguration of middle schools from 6-8 to 5-8 grades in 2022-23, progression rates are not identifiable at the individual school level. Districtwide progression rates for middle school grades are used instead.

PROJECTED ENROLLMENT—FULL DAY KG MODEL

YEAR	GRADE					TOTAL STUDENTS
	4th Grade*	5	6	7	8	
2024-25	272	272	265	253	260	1,051
2025-26	229	273	276	265	253	1,066
2026-27	259	231	278	277	266	1,052
2027-28	233	261	236	279	278	1,053
2028-29	294	233	264	235	278	1,010
2029-30	283	294	236	263	234	1,026
2030-31	262	281	296	234	261	1,072
2031-32	292	261	286	297	234	1,077
2032-33	275	291	265	285	296	1,137
2033-34	275	274	295	265	285	1,119

* Unlike the births column on ES models, the 4th grade pertains to the year designated. For example, the predicted 229 4th graders in 2025-26 will become the 231 5th graders in 2026-27.

Welsh Valley MS
Half Day KG

- Due to the reconfiguration of middle schools from 6-8 to 5-8 grades in 2022-23, progression rates are not identifiable at the individual school level. Districtwide progression rates for middle school grades are used instead.

YEAR	4th Grade*	GRADE				TOTAL STUDENTS
		5	6	7	8	
2014-15			330	305	338	973
2015-16			332	331	314	977
2016-17			354	328	336	1018
2017-18			350	364	335	1049
2018-19			350	352	367	1069
2019-20		198	353	348	360	1061
2020-21		206	335	339	339	1013
2021-22	202	191	325	332	336	993
2022-23	202	201	207	212	195	815
2023-24	173	193	208	206	211	818

Districtwide 4 year avg.
2018-20,
2022-24

1.001 1.013 0.999 0.998

PROJECTED ENROLLMENT—HALF DAY KG MODEL

YEAR	4th Grade*	GRADE				TOTAL STUDENTS
		5	6	7	8	
2024-25	193	175	197	209	207	788
2025-26	194	193	177	197	209	776
2026-27	211	195	196	177	197	766
2027-28	196	213	199	196	178	785
2028-29	223	197	215	198	196	805
2029-30	231	223	199	214	197	832
2030-31	203	230	225	197	213	864
2031-32	181	202	233	225	197	857
2032-33	211	180	204	233	224	842
2033-34	211	211	182	204	233	830

* Unlike the births column on ES models, the 4th grade pertains to the year designated. For example, the predicted 194 4th graders in 2025-26 will become the 195 5th graders in 2026-27.

Welsh Valley MS
Full Day KG

Progression		4-5	5-6	6-7	7-8
Rate	4 year avg.	1.001	1.013	0.999	0.998

- Due to the reconfiguration of middle schools from 6-8 to 5-8 grades in 2022-23, progression rates are not identifiable at the individual school level. Districtwide progression rates for middle school grades are used instead.

YEAR	GRADE					TOTAL STUDENTS
	4th Grade*	5	6	7	8	
2014-15			330	305	338	973
2015-16			332	331	314	977
2016-17			354	328	336	1018
2017-18			350	364	335	1049
2018-19			350	352	367	1069
2019-20		198	353	348	360	1061
2020-21		206	335	339	339	1013
2021-22	202	191	325	332	336	993
2022-23	202	201	207	212	195	815
2023-24	173	193	208	206	211	818

PROJECTED ENROLLMENT—FULL DAY KG MODEL

YEAR	GRADE					TOTAL STUDENTS
	4th Grade*	5	6	7	8	
2024-25	193	175	197	209	207	788
2025-26	194	193	177	197	209	776
2026-27	212	195	196	177	197	766
2027-28	196	213	199	196	178	785
2028-29	235	197	215	198	196	805
2029-30	244	235	198	214	197	845
2030-31	214	243	237	197	213	889
2031-32	190	213	246	237	197	893
2032-33	223	190	216	246	236	888
2033-34	223	222	192	216	246	876

** Unlike the births column on ES models, the 4th grade pertains to the year designated. For example, the predicted 194 4th graders in 2025-26 will become the 195 5th graders in 2026-27.*

Harriton HS Half Day KG

- Due to 8th grade classes coming from different middle schools (based on original elementary school catchment) a districtwide 8th grade class size is used for progression purposes.
- The HS CHOICE ADJUSTMENT was not made due to discrepancies in the data we received.

YEAR	GRADE					TOTAL STUDENTS
	8th Grade	9	10	11	12	
2014-15	660	295	283	300	292	1,170
2015-16	Districtwide* 612	341	287	289	308	1,225
2016-17	614	294	350	287	299	1,230
2017-18	640	277	304	338	288	1,207
2018-19	712	285	282	312	332	1,211
2019-20	720	359	295	282	306	1,242
2020-21	698	336	355	299	289	1,279
2021-22	653	296	331	356	304	1,287
2022-23	681	274	292	333	362	1,261
2023-24	659	289	277	299	342	1,207
4 year avg. 2018-20, 2022-24		0.448	1.013	1.014	1.002	

PROJECTED ENROLLMENT—HALF DAY KG MODEL

YEAR	GRADE					TOTAL STUDENTS	WITH HS CHOICE ADJUSTMENT
	8th Grade Districtwide*	9	10	11	12		
2024-25	647	297	294	282	301	1,174	
2025-26	673	291	301	298	283	1,173	
2026-27	666	304	296	305	299	1,204	
2027-28	669	300	309	301	307	1,216	
2028-29	674	300	303	313	301	1,217	
2029-30	638	302	304	308	313	1,227	
2030-31	707	286	306	308	308	1,209	
2031-32	618	317	290	310	308	1,226	
2032-33	713	277	321	294	311	1,203	
2033-34	685	320	281	325	294	1,221	

* Unlike the births column on ES models, the 8th grade pertains to the year designated. For example, the projected 673 8th graders in 2025-26 become the 304 9th graders in 2026-27.

Harriton HS
Full Day KG

Progression		8-9	9-10	10-11	11-12
Rate	4 year avg.	0.448	1.013	1.014	1.002

- Due to 8th grade classes coming from different middle schools (based on original elementary school catchment) a districtwide 8th grade class size is used for progression purposes.
- The HS CHOICE ADJUSTMENT was not made due to discrepancies in the data we received.

YEAR	8th Grade Districtwide*	GRADE				TOTAL STUDENTS
		9	10	11	12	
2014-15	660	295	283	300	292	1,170
2015-16	612	341	287	289	308	1,225
2016-17	614	294	350	287	299	1,230
2017-18	640	277	304	338	288	1,207
2018-19	712	285	282	312	332	1,211
2019-20	720	359	295	282	306	1,242
2020-21	698	336	355	299	289	1,279
2021-22	653	296	331	356	304	1,287
2022-23	681	274	292	333	362	1,261
2023-24	659	289	277	299	342	1,207

PROJECTED ENROLLMENT—FULL DAY KG MODEL

YEAR	8th Grade Districtwide*	GRADE				TOTAL STUDENTS	WITH HS CHOICE ADJUSTMENT
		9	10	11	12		
2024-25	647	297	294	282	301	1,174	
2025-26	673	291	301	298	283	1,173	
2026-27	666	304	296	305	299	1,204	
2027-28	669	300	309	301	307	1,216	
2028-29	674	300	303	313	301	1,217	
2029-30	638	302	304	308	313	1,227	
2030-31	707	286	306	308	308	1,209	
2031-32	618	317	290	310	308	1,226	
2032-33	752	277	321	294	311	1,203	
2033-34	723	337	281	325	294	1,238	

* Unlike the births column on ES models, the 8th grade pertains to the year designated. For example, the projected 673 8th graders in 2025-26 become the 304 9th graders in 2026-27.

Lower Merion HS Half Day KG

- Due to 8th grade classes coming from different middle schools (based on original elementary school catchment) a districtwide 8th grade class size is used for progression purposes.
- The HS CHOICE ADJUSTMENT was not made due to discrepancies in the data we received.

YEAR	GRADE					TOTAL STUDENTS
	8th Grade	9	10	11	12	
2014-15	660	347	327	371	305	1,350
2015-16	612	370	361	339	373	1,443
2016-17	614	367	375	358	340	1,440
2017-18	640	370	373	369	371	1,483
2018-19	712	379	386	371	377	1,513
2019-20	720	395	383	388	369	1,535
2020-21	698	403	392	378	402	1,575
2021-22	653	427	412	405	391	1,635
2022-23	681	421	443	435	422	1,721
2023-24	659	444	425	443	454	1,766

4 year avg.
2016-2019

0.611 1.025 1.014 1.025

PROJECTED ENROLLMENT—HALF DAY KG MODEL

YEAR	GRADE					TOTAL STUDENTS	WITH HS CHOICE ADJUSTMENT
	8th Grade Districtwide	9	10	11	12		
2024-25	647	401	454	429	453	1,736	
2025-26	673	393	410	459	440	1,702	
2026-27	666	413	406	420	474	1,712	
2027-28	669	408	425	414	432	1,679	
2028-29	674	408	418	431	424	1,680	
2029-30	638	411	418	424	442	1,695	
2030-31	707	389	422	424	434	1,669	
2031-32	618	431	399	427	435	1,692	
2032-33	713	377	442	405	438	1,662	
2033-34	685	435	387	448	415	1,685	

* Unlike the births column on ES models, the 8th grade pertains to the year designated. For example, the projected 673 8th graders in 2025-26 become the 413 9th graders in 2026-27.

**Lower Merion HS
Full Day KG**

Progression		8-9	9-10	10-11	11-12
Rate	4 year avg.	0.611	1.025	1.014	1.025

- Due to 8th grade classes coming from different middle schools (based on original elementary school catchment) a districtwide 8th grade class size is used for progression purposes.
- The HS CHOICE ADJUSTMENT was not made due to discrepancies in the data we received.

GRADE						
YEAR	8th Grade Districtwide*	9	10	11	12	TOTAL STUDENTS
2014-15	660	347	327	371	305	1,350
2015-16	612	370	361	339	373	1,443
2016-17	614	367	375	358	340	1,440
2017-18	640	370	373	369	371	1,483
2018-19	712	379	386	371	377	1,513
2019-20	720	395	383	388	369	1,535
2020-21	698	403	392	378	402	1,575
2021-22	653	427	412	405	391	1,635
2022-23	681	421	443	435	422	1,721
2023-24	659	444	425	443	454	1,766

PROJECTED ENROLLMENT—FULL DAY KG MODEL

GRADE							WITH HS CHOICE ADJUSTMENT
YEAR	8th Grade Districtwide*	9	10	11	12	TOTAL STUDENTS	
2024-25	647	401	454	429	453	1,736	
2025-26	673	393	410	459	440	1,702	
2026-27	666	413	406	420	474	1,712	
2027-28	669	408	425	414	432	1,679	
2028-29	674	408	418	431	424	1,680	
2029-30	638	411	418	424	442	1,695	
2030-31	707	389	422	424	434	1,669	
2031-32	618	431	399	427	435	1,692	
2032-33	752	377	442	405	438	1,662	
2033-34	723	459	387	448	415	1,709	

* Unlike the births column on ES models, the 8th grade pertains to the year designated. For example, the projected 673 8th graders in 2025-26 become the 413 9th graders in 2026-27.

