# Spring-Ford Area School District

# Demographics and Enrollment Projections



# DEMOGRAPHICS & ENROLLMENT





# Demographics & Enrollment



- Population
- Birth Patterns
- Current Enrollment
- Housing
- Future Enrollment
- District Facility Profiles





- Population
- Birth Patterns
- School Enrollment



## Housing Activity



Image courtesy of aubis.com.au

- Impacts of Housing and Enrollment
- Housing Units Built
- Housing Units Proposed
- Age Restricted Housing
- Housing Sales



# District Enrollment Projections



Image courtesy of oneinabillionconsulting.blogspot.com

- Cohort Progression Model
- Projected Enrollment
- Indicators of Projection Change



### **School Profiles**



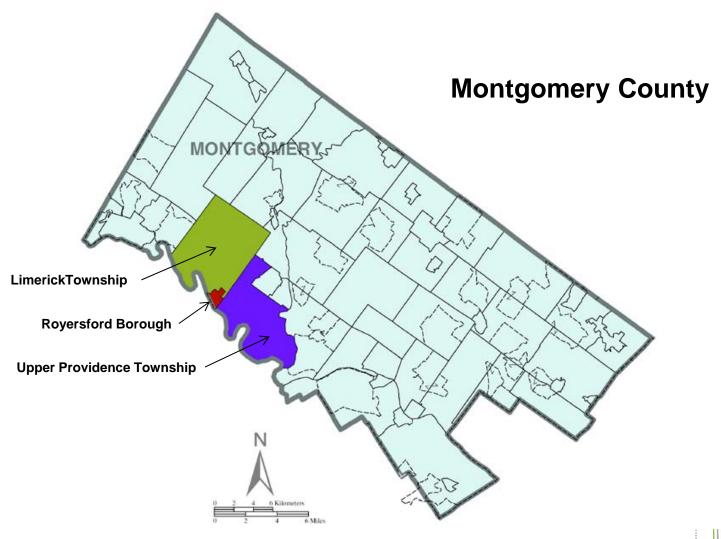
Image courtesy of www.cobbk12.org

- Housing Activity
- Birth Patterns
- Live Birth Rates
- Enrollment and Capacity

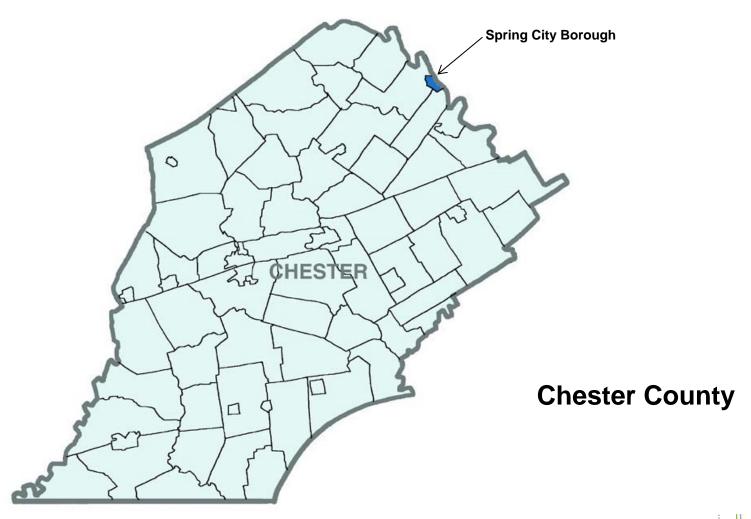














### Population



Image courtesy of www.telegraph.co.uk

- 50% population increase from 1990-2000
- 30% population increase from 2000-2010
- 6% population increase from 2010-2020

#### Population of SFASD Municipalities, 1990-2020

	1990	2000			2010			2020 (Forecasted)		
	Total	Total	1990-2000 Change	1990-2000 Percent	Total	2000-2010 Change	2000-2010 Percent	Total	2010-2020 Change	2010-2020 Percent
Spring City Borough	3,433	3,305	-128	-3.7%	3,323	18	0.5%	3,597	274	8.2%
Royersford Borough	4,458	4,246	-212	-4.8%	4,752	506	11.9%	4,915	163	3.4%
Limerick Township	6,691	13,534	6,843	102.3%	18,074	4,540	33.5%	19,167	1,093	6.0%
Upper Providence Township	9,682	15,398	5,716	59.0%	21,219	5,821	37.8%	22,681	1,462	6.9%
District Total	24,264	36,483	12,219	50.4%	47,368	10,885	29.8%	50,360	2,992	6.3%
Chester County	376,396	433,512	57,116	15.2%	498,886	65,374	15.1%	538,809	39,923	8.0%
Montgomery County	678,111	748,978	70,867	10.5%	799,874	50,896	6.8%	823,361	23,487	2.9%

Source: US Census Bureau. 2020 Forecast by MCPC



### Live Birth Rates

- 10% decrease in live births from 2000-2005
- 9% decrease in live births from 2005-2010
- 10% decrease in live births from 2010-2012

Live Births per Municipalities in SFASD

Calendar Year	Spring-City Borough	Royersford Borough	Limerick Township	Upper Providence Township	District Total
2000	41	66	291	298	696
2001	42	51	266	310	669
2002	34	60	287	287	668
2003	46	43	287	347	723
2004	44	70	268	284	666
2005	54	74	255	300	683
2006	56	82	248	295	681
2007	48	74	204	268	594
2008	55	58	226	266	605
2009	40	70	221	258	589
2010	41	83	222	257	603
2011	33	75	225	238	571
2012	39	63	245	223	572

Source: Pennsylvania Department of Health



- 82% increase in children ages 0-4 from 1990-2000
- 4% increase in children ages 0-4 from 2000-2010

#### Population of Children 1990-2010

	1990		2000		2010			
Ages 0-4	Total	Total 1990-2000 Change		1990-2000 Percent	Total	2000-2010 Change	2000-2010 Percent	
Spring City Borough	271	196	-75	-27.7%	177	-19	-9.7%	
Royersford Borough	337	217	-120	-35.6%	298	81	37.3%	
Limerick Township	479	1,257	778	162.4%	1,212	-45	-3.6%	
Upper Providence Township	630	1,463	833	132.2%	1,583	120	8.2%	
District Total	1,717	3,133	1,416	82.5%	3,270	137	4.4%	
Chester County	27,972	32,556	4,584	16.4%	31,126	-1,430	-4.4%	
Montgomery County	45,837	47,290	1,453	3.2%	47,305	15	0.0%	



- 68% increase in children ages 5-9 from 1990-2000
- 30% increase in children ages 5-9 from 2000-2010

#### Population of Children 1990-2010

	1990		2000		2010			
Ages 5-9	Total	Total	1990-2000 Change	1990-2000 Percent	Total	2000-2010 Change	2000-2010 Percent	
Spring City Borough	253	239	-14	-5.5%	168	-71	-29.7%	
Royersford Borough	287	273	-14	-4.9%	265	-8	-2.9%	
Limerick Township	473	1,040	567	119.9%	1,438	398	38.3%	
Upper Providence Township	703	1,340	637	90.6%	1,884	544	40.6%	
District Total	1,716	2,892	1,176	68.5%	3,755	863	29.8%	
Chester County	26,894	33,105	6,211	23.1%	34,929	1,824	5.5%	
Montgomery County	43,619	51,341	7,722	17.7%	50,305	-1,036	-2.0%	



- 57% increase in children ages 10-14 from 1990-2000
- **49%** increase in children ages 10-14 from 2000-2010

#### Population of Children 1990-2010

	1990		2000		2010			
Ages 10-14	Total	Total	1990-2000 Change	1990-2000 Percent	Total	2000-2010 Change	2000-2010 Percent	
Spring City Borough	186	225	39	21.0%	187	-38	-16.9%	
Royersford Borough	268	323	55	20.5%	269	-54	-16.7%	
Limerick Township	507	890	383	75.5%	1,406	516	58.0%	
Upper Providence Township	593	998	405	68.3%	1,775	777	77.9%	
District Total	1,554	2,436	882	56.8%	3,637	1,201	49.3%	
Chester County	24,333	29,600	5,267	21.6%	35,717	6,117	20.7%	
Montgomery County	39,570	52,874	13,304	33.6%	52,570	-304	-0.6%	



- **28%** increase in children ages 15-19 from 1990-2000
- **52%** increase in children ages 15-19 from 2000-2010

Population of Children 1990-2010

	1990		2000		2010			
Ages 15-19	Total	Total	1990-2000 Change	1990-2000 Percent	Total	2000-2010 Change	2000-2010 Percent	
Spring City Borough	179	213	34	19.0%	251	38	17.8%	
Royersford Borough	278	254	-24	-8.6%	288	34	13.4%	
Limerick Township	427	628	201	47.1%	1,087	459	73.1%	
Upper Providence Township	590	793	203	34.4%	1,249	456	57.5%	
District Total	1,474	1,888	414	28.1%	2,875	987	52.3%	
Chester County	26,055	23,410	-2,645	-10.2%	36,401	12,991	55.5%	
Montgomery County	39,910	45,759	5,849	14.7%	51,581	5,822	12.7%	



### School District Enrollment

#### District Enrollment by Grade 2007-2013

School Year	к	1	2	3	4	5	6	7	8	9	10	11	12	Total
2007-2008	540	592	654	587	587	598	601	610	587	524	555	477	460	7,372
2008-2009	568	611	599	652	586	585	607	595	610	576	520	519	483	7,511
2009-2010	570	642	609	587	657	596	591	632	579	607	576	522	543	7,711
2010-2011	520	633	659	620	587	664	590	591	629	571	581	558	527	7,730
2011-2012	554	581	637	654	625	590	656	603	584	607	577	579	571	7,818
2012-2013	522	623	592	641	673	620	606	661	593	565	600	568	595	7,859
2013-2014	499	614	631	600	659	674	633	609	653	587	541	587	562	7,849

School Year	Total K-12	Student Change from Previous Year	Percentage Change from Previous Year	
2007-2008	7372			
2008-2009	7511	139	1.9%	
2009-2010	7711	200	2.7%	
2010-2011	7730	19	0.2%	
2011-2012	7818	88	1.1%	
2012-2013	7859	41	0.5%	
2013-2014	7849	-10	-0.1%	

Grade K-4	Grade 5-7	Grade 8	Grade 9	Grade 10-12
2960	1809	587	524	1492
3016	1787	610	576	1522
3065	1819	579	607	1641
3019	1845	629	571	1666
3051	1849	584	607	1727
3051	1887	593	565	1763
3003	1916	653	587	1690

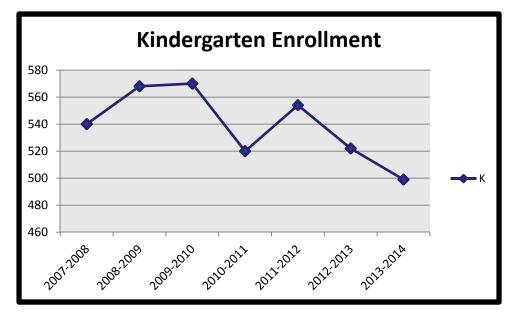
Source: Spring-Ford Area School District and Pennsylvania Department of Education



### School District Enrollment

- Kindergarten enrollment fallen below 10-year prior enrollment
- Eventual drop in upper grade levels is expected

SFASD Kindergarten Enrollment 2007-2013

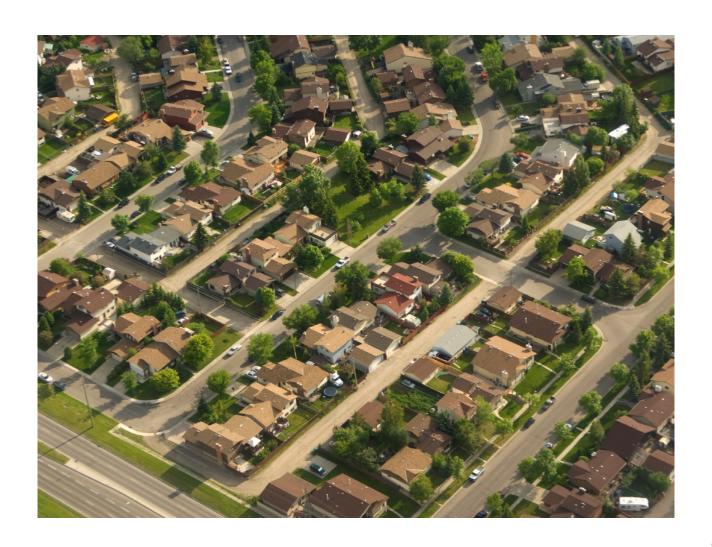


School Year	ĸ
2007-2008	540
2008-2009	568
2009-2010	570
2010-2011	520
2011-2012	554
2012-2013	522
2013-2014	499

Source: Spring-Ford Area School District



# Housing Activity





# Impacts of Housing and Enrollment

### Average Number of School-Age Children per Housing Unit

Montgomery County							
2010 Census Information Single Family Single Family Multifamily							
School Age Children per Existing Unit	0.55	0.41	0.18				
School Age Children per New Unit	0.93	0.21	0.05				

Source: Montgomery County Planning Commission / US Census Bureau

#### Percentage of School-Age Children per Housing Unit

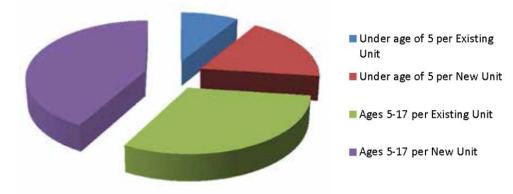
Montgomery County							
2010 Census Information	Single Family Detached	Single Family Attached	Multifamily				
Under age of 5 per Existing Unit	5.51%	7.36%	6.11%				
Under age of 5 per New Unit	11.47%	8.76%	5.05%				
Ages 5-17 per Existing Unit	19.39%	16.37%	10.07%				
Ages 5-17 per New Unit	26.37%	9.45%	3.80%				

Source: Montgomery County Planning Commission / US Census Bureau



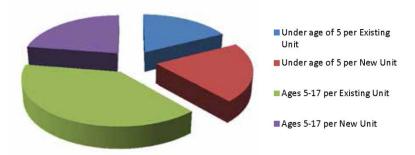
### Impacts of Housing and Enrollment

### **Single-Family Detached**

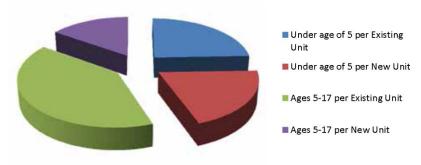


Source: Montgomery County Planning Commission / US Census Bureau

### **Single-Family Attached**



### **Multi-Family**





# Housing Units Built

### Housing Units Built per Municipality and County

	Uni	ts Constru	cted 2008-2	2012
Municipality	SFD	SFA	MF	Total
Spring City Borough	2	9	0	11
Royersford Borough	2	79	216	297
Limerick Township	167	37	0	204
Upper Providence Township	230	123	0	353
District Total	401	248	216	865
Chester County	3,596	2,555	1,264	7,415
Montgomery County	2,622	2,168	2,178	6,968

Source: Montgomery County Planning Commission / Chester County Planning Commission

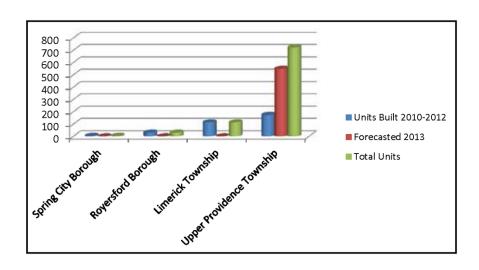


### Housing Units Built per Municipality and County

		2008		2009		2010		2011		2012			2013 (proposed)					
Municipality	SFD	SFA	MF	SFD	SFA	MF	SFD	SFA	MF	SFD	SFA	MF	SFD	SFA	MF	SFD	SFA	MF
Spring City Borough	1	1	0	0	1	0	1	3	0	0	3	0	0	1	0	0	0	0
Royersford Borough	1	30	0	0	19	216	0	30	0	1	0	0	0	0	0	0	0	0
Limerick Township	30	21	0	25	14	0	37	0	0	31	0	0	44	2	0	0	0	0
Upper Providence Township	45	61	0	38	35	0	39	2	0	31	0	0	77	25	0	94	152	304
District Total	77	113	0	63	69	216	77	35	0	63	3	0	121	28	0	94	152	304
Chester County	1,088	739	351	754	618	260	671	478	157	494	359	141	589	361	355	n/a	n/a	n/a
Montgomery County	774	567	562	509	354	407	516	351	688	394	441	445	429	455	76	723	938	2,041



# Housing Units Proposed





### Existing and Proposed Housing Units in SFASD 2010-2013

	Existing as of 2010	Units Built 2010- 2012	Forecasted 2013	Total Units
Spring City Borough	1,643	4	0	1,647
Royersford Borough	2,351	31	0	2,382
Limerick Township	7,199	114	0	7,313
Upper Providence Township	7,549	174	550	8,273



# Age-Restricted Housing

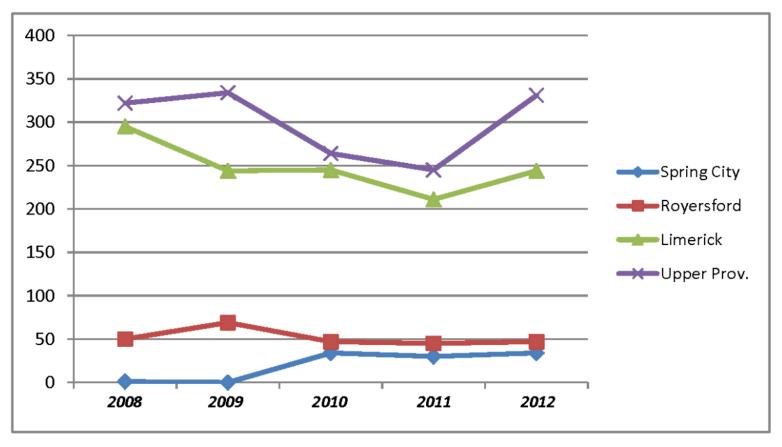
### Age-Restricted Housing in SFASD

Municipality	Development	Total Units	SFD	SFA	MF	Year Built
Spring City Borough	Bard Complex	62	0	0	62	2006
Spring City Borough	The Flag House	58	0	0	58	2000
Spring City Borough	Vincent Heights	91	0	0	91	1982
Royersford Borough	Golden Age Manor	85	0	0	85	1971
Limerick Township	Limerick Greene	80	0	0	80	2000
Limerick Township	Villas at Linfield Nat'l Golf Club	200	0	200	0	2005-2008
Limerick Township	Village of Willow Run	150	0	0	150	2002-2003
Limerick Township	William Penn Villas	87	29	58	0	2002-2003
Upper Providence Township	Regency Hills at Providence	106	106	0	0	2011-present
Upper Providence Township	Regency at Providence	335	335	0	0	2005-2010
Upper Providence Township	Ridgewood Communities	52	0	52	0	2006-present



# Housing Sales

### Housing Units Sold in 2008-2012





# District Enrollment Projections





## **Cohort Progression Model**

- Grade Progression Rates fairly consistent
- Largest increase in Progression Rates from K-2
- Stable Grade Progression Rates with minor decreases

#### Grade Progression Rates in SFASD 2007-2013

School Year	Birth - 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
2007-2008	0.807	1.096	1.105	0.898	1.000	1.019	1.005	1.015	0.962	0.893	1.059	0.859	0.964
2008-2009	0.850	1.076	0.980	1.088	0.899	0.998	1.038	0.980	1.025	0.944	0.903	0.998	0.931
2009-2010	0.788	1.126	0.949	0.964	1.119	0.907	0.992	1.069	0.916	1.048	0.949	0.906	1.040
2010-2011	0.781	1.217	1.041	0.941	0.947	1.131	0.889	1.002	1.064	0.908	1.018	0.960	0.944
2011-2012	0.811	1.049	1.096	1.027	0.956	0.944	1.112	0.919	0.968	1.039	0.951	1.003	0.986
2012-2013	0.767	1.193	0.950	1.083	1.050	0.921	0.977	1.091	0.897	0.953	1.062	0.947	1.048
2013-2014	0.840	1.230	1.028	0.951	1.098	1.023	0.939	0.962	1.072	0.899	0.922	1.085	0.957
7 Year Avg.	0.806	1.141	1.021	0.993	1.010	0.992	0.993	1.005	0.987	0.955	0.980	0.966	0.982

Source: Pennsylvania Department of Health



### Projected Enrollment Options

### **OPTION 1**

- Compares average live births from most recent three years
- Reflects current trends in birthrates and population
- Utilizes the lowest birth-rate average of the past decade

#### Projected Enrollment - Option 1

School Year	Births 6 Years Prior	К	1	2	3	4	5	6	7	8	9	10	11	12	Total
2014-2015	605	488	569	627	627	606	654	669	636	601	624	575	522	576	7,775
2015-2016	589	475	557	582	623	633	601	649	673	628	574	611	556	513	7,673
2016-2017	603	486	542	569	578	629	628	597	653	664	600	562	590	545	7,642
2017-2018	571	460	555	554	565	583	624	623	600	644	634	588	543	579	7,552
2018-2019	572	461	525	567	550	570	578	619	627	592	615	622	568	533	7,427
2019-2020	582	469	526	537	563	555	566	574	623	618	565	603	600	557	7,356
2020-2021	582	469	536	538	533	568	551	562	578	614	590	554	582	589	7,263
2021-2022	582	469	536	547	534	538	564	547	565	570	587	579	535	571	7,140
2022-2023	582	469	536	547	543	539	534	560	550	557	544	575	559	525	7,038
2023-2024	582	469	536	547	543	548	535	530	563	542	532	533	555	549	6,982



### Projected Enrollment Options

### **OPTION 2**

- Compares average live births from most recent five years
- Utilizes broader range in birthrates and population
- Reflects trends from potential improvement in economy

#### Projected Enrollment - Option 2

School Year	Births 6 Years Prior	К	1	2	3	4	5	6	7	8	9	10	11	12	Total
2014-2015	605	488	569	627	627	606	654	669	636	601	624	575	522	576	7,775
2015-2016	589	475	557	582	623	633	601	649	673	628	574	611	556	513	7,673
2016-2017	603	486	542	569	578	629	628	597	653	664	600	562	590	545	7,642
2017-2018	571	460	555	554	565	583	624	623	600	644	634	588	543	579	7,552
2018-2019	572	461	525	567	550	570	578	619	627	592	615	622	568	533	7,427
2019-2020	588	474	526	537	563	555	566	574	623	618	565	603	600	557	7,361
2020-2021	588	474	541	538	533	568	551	562	578	614	590	554	582	589	7,274
2021-2022	588	474	541	553	534	538	564	547	565	570	587	579	535	571	7,156
2022-2023	588	474	541	553	549	539	534	560	550	557	544	575	559	525	7,059
2023-2024	588	474	541	553	549	554	535	530	563	542	532	533	555	549	7,010



### Projected Enrollment Options

### **OPTION 3**

- Compares average live births from beginning of decade
- Utilizes larger percentage of birthrates and population
- Reflects trends from previously strong economy

#### Projected Enrollment - Option 3

School Year	Births 6 Years Prior	К	1	2	3	4	5	6	7	8	9	10	11	12	Total
2014-2015	605	488	569	627	627	606	654	669	636	601	624	575	522	576	7,775
2015-2016	589	475	557	582	623	633	601	649	673	628	574	611	556	513	7,673
2016-2017	603	486	542	569	578	629	628	597	653	664	600	562	590	545	7,642
2017-2018	571	460	555	554	565	583	624	623	600	644	634	588	543	579	7,552
2018-2019	572	461	525	567	550	570	578	619	627	592	615	622	568	533	7,427
2019-2020	640	516	526	537	563	555	566	574	623	618	565	603	600	557	7,403
2020-2021	640	516	589	538	533	568	551	562	578	614	590	554	582	589	7,363
2021-2022	640	516	589	601	534	538	564	547	565	570	587	579	535	571	7,295
2022-2023	640	516	589	601	597	539	534	560	550	557	544	575	559	525	7,246
2023-2024	640	516	589	601	597	603	535	530	563	542	532	533	555	549	7,246



### Total District Enrollment Projections 2013-2023

	Opti	on 1	Opti	on 2	Opti	on 3
School Year	Total Students	Annual Change	Total Students	Annual Change	Total Students	Annual Change
2013-2014 (Current)	7,849		7,849		7,849	
2014-2015	7,775	-74	7,775	-74	7,775	-74
2015-2016	7,673	-102	7,673	-102	7,673	-102
2016-2017	7,642	-31	7,642	-31	7,642	-31
2017-2018	7,552	-90	7,552	-90	7,552	-90
2018-2019	7,427	-125	7,427	-125	7,427	-125
2019-2020	7,356	-70	7,361	-66	7,403	-24
2020-2021	7,263	-93	7,274	-88	7,363	-40
2021-2022	7,140	-123	7,156	-117	7,295	-68
2022-2023	7,038	-103	7,059	-97	7,246	-49
2023-2024	6,982	-55	7,010	-49	7,246	0
Total Change 2013-2023	-867		-839		-603	



### **Elementary School Enrollment Projections**

	Opti	on 1	Opti	on 2	Opti	on 3
School Year	Total Students	Annual Change	Total Students	Annual Change	Total Students	Annual Change
2013-2014 (Current)	3,003		3,003		3,003	
2014-2015	2,917	-86	2,917	-86	2,917	-86
2015-2016	2,869	-48	2,869	-48	2,869	-48
2016-2017	2,803	-66	2,803	-66	2,803	-66
2017-2018	2,717	-87	2,717	-87	2,717	-87
2018-2019	2,673	-43	2,673	-43	2,673	-43
2019-2020	2,650	-23	2,655	-18	2,697	24
2020-2021	2,643	-7	2,654	-1	2,744	47
2021-2022	2,624	-20	2,640	-14	2,778	35
2022-2023	2,634	10	2,656	16	2,843	64
2023-2024	2,643	9	2,671	15	2,907	64
Total Change 2013-2023	-360		-332		-96	



### 5-6-7 Grade Enrollment Projections

School Year	Total Students	Annual Change
2013-2014 (Current)	1,916	
2014-2015	1,959	43
2015-2016	1,923	-36
2016-2017	1,877	-46
2017-2018	1,847	-30
2018-2019	1,824	-23
2019-2020	1,763	-62
2020-2021	1,690	-73
2021-2022	1,675	-15
2022-2023	1,643	-32
2023-2024	1,627	-16
Total Change 2013-2023	-289	

#### 8 Grade Enrollment Projections

School Year	Total Students	Annual Change
2013-2014 (Current)	653	
2014-2015	601	-52
2015-2016	628	27
2016-2017	664	36
2017-2018	644	-20
2018-2019	592	-52
2019-2020	618	26
2020-2021	614	-4
2021-2022	570	-45
2022-2023	557	-13
2023-2024	542	-15
Total Change 2013-2023	-111	



### 9 Grade Enrollment Projections

School Year	Total Students	Annual Change
2013-2014 (Current)	587	
2014-2015	624	37
2015-2016	574	-50
2016-2017	600	26
2017-2018	634	34
2018-2019	615	-19
2019-2020	565	-50
2020-2021	590	25
2021-2022	587	-4
2022-2023	544	-43
2023-2024	532	-12
Total Change 2013-2023	-55	

### 10-12 Grade Enrollment Projections

School Year	Total Students	Annual Change
2013-2014 (Current)	1,690	
2014-2015	1,674	-16
2015-2016	1,680	6
2016-2017	1,698	18
2017-2018	1,710	12
2018-2019	1,722	12
2019-2020	1,760	38
2020-2021	1,725	-35
2021-2022	1,685	-40
2022-2023	1,659	-26
2023-2024	1,637	-22
Total Change 2013-2023	-53	

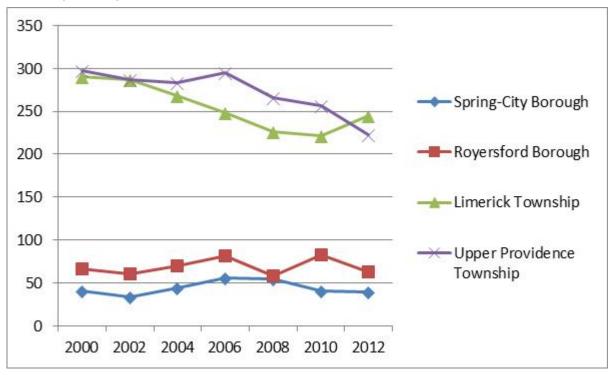


## Indicators of Projection Change

### **Birth Patterns**

- Live birth trends have direct impact on projected enrollments
- Fluctuations in birth trends apparent six years afterwards

#### Live Births per Municipalities in SFASD



Source: Pennsylvania Department of Health

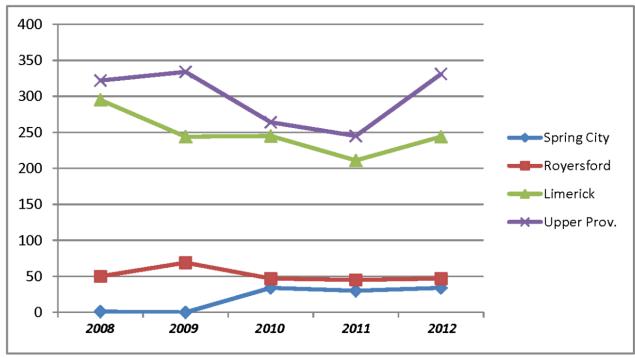


# Indicators of Projection Change

### **Housing Sales**

- Housing sales relatively level over the most recent five years
- Housing sales had minor increase in 2012

#### Housing Units Sold in 200-2012



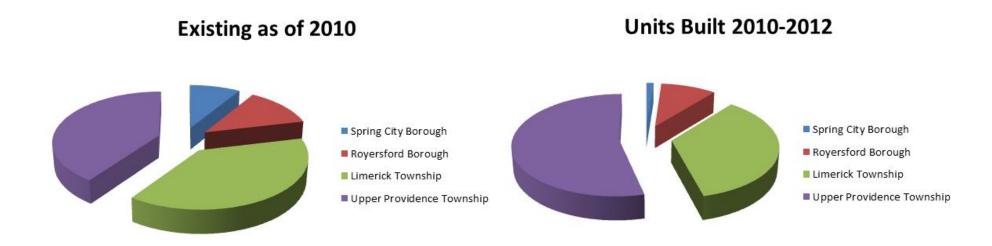
Source: Montgomery County Planning Commission



# Indicators of Projection Change

### **Housing Construction**

- Fluctuations in housing construction have direct impact on expected student enrollment
- New construction within the District is on the rise
- Continued construction trend could impact enrollment decline



Source: Montgomery County Planning Commission / Chester County Planning Commission







### Spring City Borough

### Spring City Elementary School

Spring City Elementary School is the smallest facility within the District. It serves a local community within the Spring City Borough and is the only facility located in Chester County, Enrollment has declined by 29% since 2008 and has had continual decline in enrollment over the past six years.



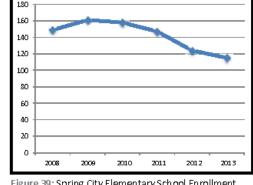


Figure 39: Spring City Elementary School Enrollment

### Housing

Residential construction within the Spring City Borough has been relatively flat with little construction activity over the past five years. Housing sales have increased since 2009 and have remained relatively stable. Currently, there are no active residential construction proposals within the Borough boundaries.

Figure 40: Spring City ES Enrollment by Grade 2008-2013

School Year	К	1	2	3	4	Special Education	Total	Annual Change
2008-2009	40	33	14	25	23	14	149	
2009-2010	28	39	38	13	26	17	161	12
2010-2011	25	27	39	39	12	16	158	-3
2011-2012	24	22	22	31	33	15	147	-11
2012-2013	19	23	18	22	27	15	124	-23
2013-2014	22	23	22	20	19	9	115	-9

Source: Spring-Ford Area School District

### PDE Capacity: 250

#### Birth Patterns

Birth rates within the Spring City Borough saw an apex at the 2006 mark. Rates have slowly began to fall each year thereafter, and rates from the 2011 and 2012 are the lowest for the entire decade.

### **Forecast**

Enrollment for the Spring City Elementary School is anticipated to continue dedining over the next five years. The live-birth rate has declined consistently over the past five years; therefore, the dedining enrollment trend is not expected reverse itself in the near future.

Figure 41: Housing Activity in Spring City Borough

	2008	2009	2010	2011	2012	Total
New Units Built	2	1	4	3	1	11
Existing Units Sold	1	0	34	30	34	99

Source: Chester County Planning Commission

Figure 42: Births in Spring City Borough

Source: I	Pennsylvania
De oa rtm	ent of Health

Calendar Year	Births
2000	41
2001	42
2002	34
2003	46
2004	44
2005	54
2006	56
2007	48
2008	55
2009	40
2010	41
2011	33
2012	39
2000-2005 Avg.	44
2006-2012 Avg.	45
	•



### Royersford Borough

### **Brooke Elementary School**

Brooke Elementary School serves a local community in the Royersford Borough, along with Royersford Elementary. The facility is moderately sized to serve the smaller community and has been experiencing a decline in enrollment over the past five years. However, the student enrollment has leveled off in the most recent 2013 school year.

### Housing

Residential construction within the Royersford Borough has been relatively flat with little construction activity over the past three years. The largest construction increase was in 2009, but the housing type was multifamily units, which typically house the lowest number of school-age children. Housing sales have also declined slightly, with the largest number of sales in 2009 as well, although sales have remained relatively stable over the past three years. Currently, there are no active residential construction proposals within the Borough boundaries.

### Birth Patterns

The live-birth rates in Royersford Borough seem to be fluctuating over a three-to-four year period with recent increases over the past three to four years.



Figure 44: Brooke ES Enrollment by Grade 2008-2013

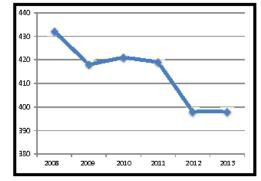


Figure 43: Brooke ES Enrollment

School Year	К	1	2	3	4	Special Education	Total	Annual Change
2008-2009	69	74	72	75	94	48	432	
2009-2010	67	77	73	68	74	59	4 18	-14
2010-2011	72	73	79	65	68	64	421	3
2011-2012	71	73	65	81	65	64	419	-2
2012-2013	74	61	69	57	74	63	398	-21
2013-2014	64	77	62	70	69	56	398	0

Saurce: Spring-Ford Area School District

PDE Capacity: 575

#### **Forecast**

Enrollment for the Brooke Elementary School is anticipated to continue to decline over the next two to three years but should see a gradual increase as students enter the school system from previous birth rate increases six years prior.

Figure 45: Housing Activity in Royersford Borough

	2008	2009	2010	2011	2012	Total
New Units Built	31	235	30	1	0	297
Existing Units Sold	50	69	47	45	47	258

Source: Mantgamery County Planning Commission

Figure 46: Births in Royersford Borough

Calendar Year	Births
2000	66
2001	51
2002	60
2003	43
2004	70
2005	74
2006	82
2007	74
2008	58
2009	70
2010	83
2011	75
2012	63
2000-2005 Avg.	61
2006-2012 Avg.	72



### Royersford Borough

### Royersford Elementary School

Royersford Elementary School serves a local community in the Royersford Borough, along with Brooke Elementary. The facility is moderately sized to serve the smaller community and has been experiencing a dedine in enrollment over the past five years. However, the student enrollment had experienced a large enrollment increase in the 2012 school year and a minor enrollment decline in the 2013 school year.

### Housing

Residential construction within the Royersford Borough has been relatively flat with little construction activity over the past three years. The largest construction increase was in 2009, but the housing type was multifamily units, which typically house the lowest number of school-age children. Housing sales have also declined slightly, with the largest number of sales in 2009 as well, although sales have remained relatively stable over the past three years. Currently, there are no active residential construction proposals within the Borough boundaries.

#### Birth Patterns

The live-birth rates in Royersford Borough seem to be fluctuating over a three-to-four year period with recent increases over the past three to four years.



Figure 48: Royersford ES Enrollment by Grade 2008-2013

470 -					-	
460 -					-	-
450 -						-
440 -		A		_/		
430 -	-		*	4		
420 -						
410 -						
400 -			1			
	2008	2009	2010	2011	2012	2013

Figure 47: Royersford ES Enrollment

School Year	К	1	2	3	4	Special Education	Total	Annual Change
2008-2009	87	75	92	81	64	28	427	
2009-2010	83	92	68	90	74	32	439	12
2010-2011	64	90	86	70	89	32	431	-8
2011-2012	85	76	83	83	69	33	429	-2
2012-2013	86	93	78	90	77	39	463	34
2013-2014	69	90	91	79	89	38	456	-7

Source: Spring-Ford Area School District

### PDE Capacity: 525

#### Forecast

Enrollment for the Royersford Elementary School is anticipated to continue to decline over the next two to three years but should see a gradual increase as students enter the school system from previous birth rate increases six years prior.

Figure 49: Housing Activity in Royersford Borough

	2008	2009	2010	2011	2012	Total
New Units Built	31	235	30	1	0	297
Existing Units Sold	50	69	47	45	47	258

Source: Mantgamery County Planning Commission

Figure 50: Births in Royersford Borough

Calendar Year	Births
2000	66
2001	51
2002	60
2003	43
2004	70
2005	74
2006	82
2007	74
2008	58
2009	70
2010	83
2011	75
2012	63
2000-2005 Avg.	61
2006-2012 Avg.	72



### **Limerick Township**

### **Evans Elementary School**

Evans Elementary School serves a local community in the northeastern part of Limerick Township. The facility is one of the larger elementary schools in the District and has been experiencing an increase in enrollment over the past five years, with a decline in enrollment in the latest 2013 school year.

#### Housing

Residential construction within Limerick Township has been relatively flat with moderate and consistent construction activity over the past four years. The largest construction increase was in 2008, and the majority of the housing type was single-family detached units, which typically house the largest number of school-age children. Housing sales have also declined slightly, with the largest number of sales in 2008 as well, although sales have increased in 2012. Currently, there are no active residential construction proposals within the Township boundaries.

#### Birth Patterns

The live-birth rates in Limerick Township have declined over the past six to seven years, when compared to the rates from the years 2000 to 2005 but have remained rather stable and are showing minor increases over the past two years.



Figure 52: Evans ES Enrollment by Grade 2008-2013

640				
630 -				
620 -			-	
610 -				
600 -				•
590 -	- 34			
580 -	*			
570 -				
560 -		-	-	

Figure 51: Evans ES Enrollment

School Year	к	1	2	3	4	Special Education	Total	Annual Change
2008-2009	69	74	72	75	94	48	432	
2009-2010	67	77	73	68	74	59	418	-14
2010-2011	72	73	79	65	68	64	421	3
2011-2012	71	73	65	81	65	64	419	-2
2012-2013	74	61	69	57	74	63	398	-21
2013-2014	64	77	62	70	69	56	398	0

Source: Spring-Ford Area School District

### Forecast

Enrollment for the Evans Elementary School is anticipated to increase next year in reaction to the live-birth spike in 2008 and remain relatively stable with minor fluctuations over the next five years.

Figure 54: Births in Limerick Township

Source: Pennsylvania Department of Health

Calendar Year	Births
2000	291
2001	266
2002	287
2003	287
2004	268
2005	255
2006	248
2007	204
2008	226
2009	221
2010	222
2011	225
2012	245
2000-2005 Avg.	276
2006-2012 Avg.	227
2006-2012 Avg.	227

PDE Capacity: 700

Figure 53: Housing Activity in Limerick Township

	2008	2009	2010	2011	2012	Total
New Units Built	51	39	37	31	46	204
Existing Units Sold	295	244	245	211	244	1,239

Source: Montgomery County Planning Commission



### Limerick Township

### Limerick Elementary School

Limerick Elementary School serves a local community in the northern part of Limerick Township. The facility is one of the smaller elementary schools in this township and has been experiencing a decrease in enrollment over the past five years, with large declines in enrollment in the 2011 and 2013 school years.

### Housing

Residential construction within Limerick Township has been relatively flat with moderate and consistent construction activity over the past four years. The largest construction increase was in 2008, and the majority of the housing type was single-family detached units, which typically house the largest number of school-age children. Housing sales have also declined slightly, with the largest number of sales in 2008 as well; although sales have increased in 2012. Currently, there are no active residential construction proposals within the Township boundaries.

### Birth Patterns

The live-birth rates in Limerick Township have declined over the past six to seven years, when compared to the rates from the years 2000 to 2005 but have remained rather stable and are showing minor increases over the past two years.



Figure 56: Limerick ES Enrollment by Grade 2008-2013

410 T						
400 +		4	No.			
390 +	-		$\rightarrow$			
380 +			$\rightarrow$			
370					A	
360				-		
350						-
340						
330 +						
320 +	2008	2009	2010	2011	201 2	2013
	2008	2009	2010	2011	2012	2.0.5

Figure 55: Limerick ES Enrollment

School Year	к	1	2	3	4	Special Education	Total	Annual Change
2008-2009	59	60	81	75	63	51	389	
2009-2010	73	63	59	77	71	59	402	13
2010-2011	54	85	66	60	74	57	396	-6
2011-2012	56	53	76	65	58	51	359	-37
2012-2013	60	63	50	78	70	50	371	12
2013-2014	53	63	57	52	80	44	349	-22

Source: Spring-Ford Area School District

### PDE Capacity: 525

### Forecast .

Enrollment for the Limerick Elementary School is anticipated to increase next year in reaction to the live birth spike in 2008 and remain relatively stable with minor fluctuations over the next five years.

Figure	57:	Hou sing	Activity	/in l	imerick	Townsh	١i١

	2008	2009	2010	2011	2012	Total
New Units Built	51	39	37	31	46	204
Existing Units Sold	295	244	245	211	244	1,239

Source: Mantgamery County Planning Commission

Figure 58: Births in Limerick Township

Calendar Year	Births
2000	291
2001	266
2002	287
2003	287
2004	268
2005	255
2006	248
2007	204
2008	226
2009	221
2010	222
2011	225
2012	245
2000-2005 Avg.	276
2006-2012 Avg.	227



### Limerick Township

### Eighth Grade Center

The Spring-Ford Area Eighth Grade Center serves the entire eighth grade curriculum for the District, and it is centrally located within Limerick Township. The facility is one of the oldest facilities still in operation within the District. Over the past five years, it has been experiencing fluctuations in enrollment due to enrollment changes in the elementary schools, with large declines in enrollment in the 2009 and 2011 school years and a large increase in enrollment in the latest 2013 school year.

### Housing

Residential construction within Limerick Township has been relatively flat with moderate and consistent construction activity over the past four years. The largest construction increase was in 2008, and the majority of the housing type was single-family detached units, which typically house the largest number of school-age children. Housing sales have also declined slightly, with the largest number of sales in 2008 as well, although sales have in creased in 2012. Currently, there are no active residential construction proposals within the Township boundaries.

### Birth Patterns

The live-birth rates in Limerick Township have declined over the past six to seven years, when compared to the rates from the years 2000 to 2005 but have remained rather stable and are showing minor increases over the past two years.



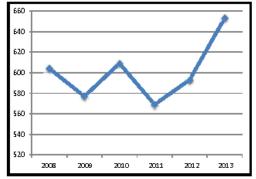


Figure 59: SFA Eighth Grade Center Enrollment

Figure 60: SFA Eighth Grade Center Enrollment 2008-2013

School Year	8	Special Education	Total	Annual Change
2008-2009	505	99	604	
2009-2010	487	90	577	-27
2010-2011	517	92	609	32
2011-2012	468	101	569	40
2012-2013	481	112	593	24
2013-2014	535	118	653	60

Source: Spring-Ford Area School District

PDE Capacity: 899

### Forecast

Enrollment for the Spring-Ford Area Eighth Grade Center is anticipated to increase next few years in reaction to the enrollment increases seen in the 5-7 Grade Center and remain relatively stable with minor fluctuations over the next five years.

Figure 61: Housing Activity in Limerick Township

		•				
	2008	2009	2010	2011	2012	Total
New Units Built	51	39	37	31	46	204
Existing Units Sold	295	244	245	211	244	1,239

Source: Mantgamery County Planning Commission

Figure 62: Births in Limerick Township

Calendar Year	Births
2000	291
2001	266
2002	287
2003	287
2004	268
2005	255
2006	248
2007	204
2008	226
2009	221
2010	222
2011	225
2012	245
2000-2005 Avg.	276
2006-2012 Avg.	227



### **Limerick Township**

#### Ninth Grade Center

The Spring-Ford Area Ninth Grade Center serves the entire ninth grade curriculum for the District, and it is centrally located within Limerick Township. The facility is located on the same campus as the Eighth Grade Center and is directly across Lewis Road from the 10-12 High School. Over the past five years, it has been experiencing fluctuations in enrollment due to enrollment changes in the elementary schools, with large declines in enrollment in the 2009 and 2011 school years and a large increase in enrollment in the latest 2013 school year.

### Housing

Residential construction within Limerick Township has been relatively flat with moderate and consistent construction activity over the past four years. The largest construction increase was in 2008, and the majority of the housing type was single-family detached units, which typically house the largest number of school-age children. Housing sales have also declined slightly, with the largest number of sales in 2008 as well, although sales have increased in 2012. Currently, there are no active residential construction proposals within the Township boundaries.

#### **Birth Patterns**

The live-birth rates in Limerick Township have declined over the past six to seven years, when compared to the rates from the years 2000 to 2005 but have remained rather stable and are showing minor increases over the past two years.



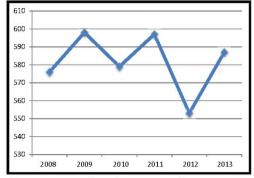


Figure 63: SFA Ninth Grade Center Enrollment

Figure 64: SFA Ninth Grade Center Enrollment 2008-2013

School Year	9	Special Education	Total	Annual Change
2008-2009	478	98	576	
2009-2010	489	109	598	22
2010-2011	477	102	579	-19
2011-2012	504	93	597	18
2012-2013	447	106	553	-44
2013-2014	481	106	587	34

Source: Spring-Ford Area School District

PDE Capacity: 926

### Forecast

Enrollment for the Spring-Ford Area Ninth Grade Center is anticipated to increase next few years in reaction to the enrollment increases seen in the Eighth Grade Center and remain relatively stable with minor fluctuations over the next five years.

Figure 65: Housing Activity in Limerick Township

	2008	2009	2010	2011	2012	Total
New Units Built	51	39	37	31	46	204
Existing Units Sold	295	244	245	211	244	1,239

Source: Montgomery County Planning Commission

Figure 66: Births in Limerick Township

Calendar Year	Births
2000	291
2001	266
2002	287
2003	287
2004	268
2005	255
2006	248
2007	204
2008	226
2009	221
2010	222
2011	225
2012	245
2000-2005 Avg.	276
2006-2012 Avg.	227



### **Limerick Township**

### 10-12 High School

The Spring-Ford Area Senior High School serves the entire 10-12 grade curriculum for the District, and it is centrally located within Limerick Township. The facility is located across Lewis Road from the Spring-Ford Area Eighth and Ninth Grade Centers. Over the past five years, it has been experiencing increases in enrollment due to the higher enrollments in the elementary schools from earlier in the decade, with declines in enrollment in the latest 2013 school year.

### Housing

Residential construction within Limerick Township has been relatively flat with moderate and consistent construction activity over the past four years. The largest construction increase was in 2008, and the majority of the housing type was single-family detached units, which typically house the largest number of school-age children. Housing sales have also declined slightly, with the largest number of sales in 2008 as well, although sales have increased in 2012. Currently, there are no active residential construction proposals within the Township boundaries.

### Birth Patterns

The live-birth rates in Limerick Township have declined over the past six to seven years, when compared to the rates from the years 2000 to 2005 but have remained rather stable and are showing minor increases over the past two years.



Figure 68: SFA 10-12 Grade HS Enrollment 2008-2013

1,750 -					_	
1,700 -				H		*
1,650 -			-			
1,600 -	-	4				
1,550 -						
1,500 -	2008	2009	2010	2011	2012	2013

Figure 67: SFA 10-12 Grade HS Enrollment

PDE Capacity: 2584

School Year	10-12	Special Education	Vo-Tech	Special Education	Total	Annual Change
2008-2009	1326	180	49	37	1,592	
2009-2010	1377	219	13	12	1,621	29
2010-2011	1263	259	52	60	1,634	13
2011-2012	1332	225	69	61	1,687	53
2012-2013	1365	224	77	59	1,725	38
2013-2014	1353	177	74	86	1,690	-35

Source: Spring-Ford Area School District

### **Forecast**

Enrollment for the Spring-Ford Area Senior High School is anticipated to increase next few years in reaction to the enrollment increases seen in the Eighth and Ninth Grade Centers and remain relatively stable with minor fluctuations over the next five years.

Figure 69: Housing Activity in Limerick Township

	2008	2009	2010	2011	2012	Total
New Units Built	51	39	37	31	46	204
Existing Units Sold	295	244	245	211	244	1,239

Source: Montgomery County Planning Commission

Figure 70: Births in Limerick Township

Calendar Year	Births
2000	291
2001	266
2002	287
2003	287
2004	268
2005	255
2006	248
2007	204
2008	226
2009	221
2010	222
2011	225
2012	245
2000-2005 Avg.	276
2006-2012 Avg.	227



### Upper Providence Township Oaks Elementary School

Oaks Elementary School serves a local community in the southern part of Upper Providence Township. The facility is one of the larger elementary schools in the District and has been experiencing an increase in enrollment over the past three years, with a large increase in the 2009 school year.

#### **Housing**

Residential construction within Upper Township has been decreasing over the past three years since 2008 but has seen a modest increase in 2012. The majority of the housing types constructed in the town ship were singlefamily detached units, which typically house the largest number of school-age children. Housing sales have also dedined slightly over the past three years since 2008, but similar to housing construction, sales have also increased in 2012 Currently, Upper Providence Township is the only township in the District that has active residential construction proposals within the Township boundaries. Approximately 550 new units are currently proposed, with slightly more than half of those units being singlefamily attached and detached units.

### Birth Patterns

The live-birth rates in Upper Providence Township have declined over the past six to seven years, when compared to the rates from the years 2000 to 2005 and appear to be continuing to decrease.



Figure 72: Oaks ES Enrollment 2008-2013

500 -		4	-		+	-
400 -	*					
300 -						
200 -						
100 -						
۰۰	2002	2009	2010	2011	2012	2013

Figure 71: Oaks ES Enrollment

School Year	к	1	2	3	4	Special Education	Total	Annual Change
2008-2009	94	96	85	99	61	37	472	
2009-2010	106	105	95	74	102	42	524	52
2010-2011	86	113	97	103	80	41	520	4
2011-2012	106	100	106	96	101	33	542	22
2012-2013	89	132	91	103	99	38	552	10
2013-2014	91	117	129	87	107	36	567	15

Source: Spring-Ford Area School District

Enrollment for Oaks Elementary is anticipated to remain stable over the next few years as birth rates had minor reductions six

years prior. Enrollment should remain relatively stable with only

min or decreases (if any) over the next five years, in response to

the minor decrease in recent birth rates. The facility is currently

approaching the PDE Capacity of 600; therefore, the proposed

new housing in the Township should be monitored, as it may potentially affect the live-birth rates and eventually student population as families move into the community.

Forecast

PDE Capacity: 600

258

257

238

223

304

258

Calendar Year	Birth
2000	298
2001	310
2002	287
2003	347
2004	284
2005	300
2006	295
2007	268
2008	266

2009

2010

2011

2012

2000-2005 Avg.

2006-2012 Avg.

Figure 73: Housing Activity in Upper Providence Township

	2008	2009	2010	2011	2012	Total
New Units Built	106	73	41	31	102	353
Existing Units Sold	322	334	264	245	331	1,496

Source: Mantgamery County Planning Commission

Figure 74: Births in Upper Providence Township



### Upper Providence Township

### Upper Providence Elementary School

Upper Providence Elementary School serves a local community in the central part of Upper Providence Township. The facility is located on the same campus as the 5-7 Grade Center and is one of the larger elementary schools in the District. The school has been experiencing decreases in enrollment over the past five years with a large decrease in the recent 2013 school year.

### Housing

Residential construction within Upper Township has been decreasing over the past three years since 2008 but has seen a modest in crease in 2012. The majority of the housing types constructed in the township were single-family detached units, which typically house the largest number of school-age children. Housing sales have also ded ined slightly over the past three years since 2008, but similar to housing construction, sales have also increased in 2012. Currently, Upper Providence Township is the only township in the District that has active residential construction proposals within the township boundaries. Approximately 550 new units are currently proposed, with slightly more than half of those units being single-family attached and detached units.

### Birth Patterns

The live birth rates in Upper Providence Township have declined over the past six to seven years when compared to the rates from the years 2000 to 2005 and appear to be continuing to decrease.



Figure 76: Upper Providence ES Enrollment 2008-2013

570 560						
550	-	4)				
540						
530			-	-	-	
520						
510						-
500						
490						
480	7000	2000	7010	7004		
	2008	2009	2010	2011	2012	2013

Figure 75: Upper Providence ES Enrollment

School Year	К	1	2	3	4	Special Education	Total	Annual Change
2008-2009	79	108	87	98	101	85	558	
2009-2010	81	100	102	78	102	89	552	-6
2010-2011	79	96	97	99	77	84	532	-20
2011-2012	74	86	83	92	97	101	533	1
2012-2013	65	102	84	84	91	105	531	-2
2013-2014	70	86	98	82	85	90	511	-20

Source: Spring-Ford Area School District

PDE Capacity: 725

#### Forecast

Enrollment for Upper Providence Elementary is antidipated to decrease slightly over the next few years as birth rates had minor reductions six years prior. Enrollment should remain relatively stable with minor decreases over the next five years in response to the minor decrease in recent birth rates. The proposed new housing in the Township should be monitored, as it may potentially affect the live-birth rates in coming years as families move into the community.

Figure 77: Housing Activity in Upper Providence Township

	2008	2009	2010	2011	2012	Total
New Units Built	106	73	41	31	102	353
Existing Units Sold	322	334	264	245	331	1,496

Source: Mantgamery County Planning Commission

Figure 78: Births in Upper Providence Township

Calendar Year	Births
2000	298
2001	310
2002	287
2003	347
2004	284
2005	300
2006	295
2007	268
2008	266
2009	258
2010	257
2011	238
2012	223
2000-2005 Avg.	304
2006-2012 Avg.	258



### Upper Providence Township

### 5-7 Grade Center

The 5-7 Grade Center serves a local community in the central part of Upper Providence Township. The facility is located on the same campus as Upper Providence Elementary and has been experiencing increases in enrollment over the past five years, with a large increase in the recent 2013 school year.

### **Housing**

Residential construction within Upper Township has been decreasing over the past three years since 2008 but has seen a modest increase in 2012. The majority of the housing types constructed in the township were single-family detached units, which typically house the largest number of school-age children. Housing sales have also dedined slightly over the past three years since 2008, but similar to housing construction, sales have also increased in 2012. Currently, Upper Providence Township is the only township in the District that has active residential construction proposals within the township boundaries. Approximately 550 new units are currently proposed, with slightly more than half of those units being single-family attached and detached units.

#### Birth Patterns

The live-birth rates in Upper Providence Township have declined over the past six to seven years when compared to the rates from the years 2000 to 2005 and appear to be continuing to decrease.



Figure 80: SFA 5-7 Grade Center Enrollment 2008-2013

1,940 T						
1,920 -						
1,900 -						
1,880 -					- 4	
1,860 -						
1,840 -			No.	*		
1,820 -		- 24				
1,800	44					
1,780 -						
1,760 -						
1,740 -						
1,720 -						
	2008	2009	2010	2011	201.2	2013

Figure 79: SFA 5-7 Grade Center Enrollment

School Year	5	6	7	Special Education	Total	Annual Change
2008-2009	479	516	509	290	1,794	
2009-2010	501	479	530	304	1,814	20
2010-2011	557	485	493	312	1,847	33
2011-2012	488	536	501	327	1,852	5
2012-2013	526	490	555	307	1,878	26
2013-2014	570	535	499	312	1.916	38

Source: Spring-Ford Area School District

### Forecast

Enrollment for 5-7 Grade Center is anticipated to decrease slightly over the next few years in relation to the enrollment decreases in the elementary schools. The proposed new housing in the Township should be monitored, as it may potentially affect the live birth rates in coming years, as families move into the community. The impact on the 5-7 Grade Center, however, is relatively low, as the enrollment changes would affect the elementary schools first.

Figure 81: Housing Activity in Upper Providence Township

	2008	2009	2010	2011	2012	Total
New Units Built	106	73	41	31	102	353
Existing Units Sold	322	334	264	245	331	1,496

Source: Montgomery County Planning Commission

Figure 82: Births in Upper Providence Township

Saurce: Pennsylvania Department of Health

Calendar Year	Births
2000	298
2001	310
2002	287
2003	347
2004	284
2005	300
2006	295
2007	268
2008	266
2009	258
2010	257
2011	238
2012	223
2000-2005 Avg.	304
2006-2012 Avg.	258

PDE Capacity: 2294



### Conclusion

## **Bad News**

- Current lull in housing construction, birth rates, and population growth throughout the District
- National economic downturn still creating uncertainty, with trends in housing and population in District remaining flat
- General decline in elementary school enrollment currently experienced throughout the District
- Potential enrollment decline is anticipated in secondary school facilities by the end of the decade



### Conclusion

## Good News

- New housing starts are currently proposed in the Upper Providence Township
- As housing trends continue to improve, live-birth rates and population should also trend upward
- Oaks Elementary school experienced consistent enrollment growth, in contrast to the general decline in the District's elementary school enrollment



# THANK YOU

