

March 31, 2014

Neshaminy School District Attn: Mr. Robert L. Copeland, Superintendent 2001 Old Lincoln Highway Langhorne, PA 19047

RE: Neshaminy School District

Demographic Study emphasizing K and Grade 1 Enrollments

Dear Mr. Copeland:

Thank you for the opportunity of exploring the impact of a possible change to full-day Kindergarten in the Neshaminy School District. We have based our projection on an analysis of the historic change of nearby districts, similar in enrollment and geography, who have previously completed that change. A narrative of the methodology, the findings of that analysis, and a projection of Kindergarten and Grade 1 enrollments are presented herein.

Because the Kindergarten and Grade 1 research effort relative to Enrollments, Births and Residential Building Permits, in the three comparative districts as well as Neshaminy, far outweighed the data collection for historic Neshaminy enrollments, we have proceeded with a full K-12 projection for the District.

#### Methodology

Historic enrollments for Public School Districts in the southeastern Pennsylvania counties of Berks, Bucks, Montgomery and Delaware were reviewed to determine which of those 66 Districts had Full Day Kindergarten Only (vs. AM/PM or AM/PM/Full) in October 2012. On average, 38% of the Districts had Full Day Kindergarten only with ranges from a low of 23% in Bucks County to a high of 47% in Montgomery County.

Full Day			
Kindergarten Review	Total	FDK	%
Bucks	13	3	23.1%
Montgomery	21	10	47.6%
Berks	17	7	41.2%
Delaware	15	5	33.3%
Combined	66	25	37.9%

Recent			
Transition	+6Yrs	-6Yrs	%
Bucks	12	1	
Montgomery	20	1	
Berks	14	3	
Delaware	15	0	
Combined	61	5	8.2%

Those 25 Districts that had Full Day Kindergarten Only were reviewed for Kindergarten status in October 2006 to determine which of the districts, had made the transition during that 6-year interval for which enrollment data was readily available.

Five of the Districts were recent transitions and were reviewed for further suitability to be included in the study.

Current Kindergarten enrollments were compared with the Neshaminy Kindergarten enrollment which had increased from 425 in year 2008 to 505 in year 2012.

Lower Moreland and Kutztown, with enrollments at 150 and 100, respectively, were eliminated from the study as being too small. Governor Mifflin, Bensalem and Wilson School Districts remained and were used in the study as comparative districts.

Recent Transitions		K
by K Enrollment	District	Enroll
Bucks	Bensalem	340
Montgomery	Lower Moreland	150
Berks	Gov. Mifflin	300
Berks	Kutztown	100
Berks	Wilson	400

------

Data regarding Live Births, Residential Building Permits and historical Kindergarten and Grade 1 enrollments was collected for each of these three school Districts. While Bensalem SD is a single municipality school district, Wilson SD is comprised of 4 municipalities and a small portion of a 5th; and Governor Mifflin SD is comprised of 5 municipalities. It is noted here for comparative purposes that Neshaminy is comprised of 6 municipalities. The Births and Permit data is documented in the Appendix.

For each school district a Cohort Survival analysis was made for 3 years before moving to Full Day Kindergarten and for 3 years after the change (except Neshaminy for which enrollment is only available for 2 years after). But this was not sufficiently accurate to account for in-migration due to New Housing, so a second Cohort Survival analysis was made that decreased each grades enrollment by a housing increment in each of the 6 years analyzed. This decrease ranged between 0 and 8 students per grade though the average was 2 per year in Governor Mifflin, 3 in Bensalem and 5 per year in Wilson.

From this Cohort Survival analysis, "before" and "after" Survival Ratios (S/R) were obtained for Birth to Kindergarten and for Kindergarten to Grade 1.

#### Results

Gov Mifflin	К	1st
S/R Before	0.891	1.169
S/R After	0.958	1.033
Change %	7.50%	-11.63%
Bensalem	K	1st
S/R Before	0.541	1.141
S/R After	0.632	1.002
Change %	16.74%	-12.20%
Wilson	К	1st
S/R Before	1.147	1.229
S/R After	1.247	1.123
Change %	8.72%	-8.65%
Combined Ave	rage	
Change %	10.99%	-10.83%

The findings are that, on average, a District that moves to Full Day Kindergarten will experience a 10.99% increase in their Birth to Kindergarten Survival Ratio; and a 10.83% decrease in their Kindergarten to Grade 1 Survival Ratio.

It is to be noted that this is **not** a percent increase/decrease in enrollment. It is a percent increase/decrease in the Survival Ratio.

Across the three comparative districts, changes in Birth to Kindergarten S/R ranged from 7.5% to 16.7%, and changes in Kindergarten to Grade 1 S/R ranged from -8.6% to -12.2%.

It is understood that, with analysis of even more "similar" districts, the "change" could be made more accurate. However, this Consultant is comfortable with moving forward with a projection for Neshaminy based on these results.

These changes indicate increases in Kindergarten enrollments and little change in Grade 1 enrollments.

The table at the right exhibits the projected October Kindergarten and Grade 1 enrollments for a 5-year and a 5-10 year extended period, in both an adjusted and a standard projection.

The Adjusted projection uses the S/R and New Housing changes resulting from the analysis and the Standard projection does not.

Kindergarten projections in the initial 5-year period are 47-56 students larger than the standard projection, the equivalent of 3 classrooms.

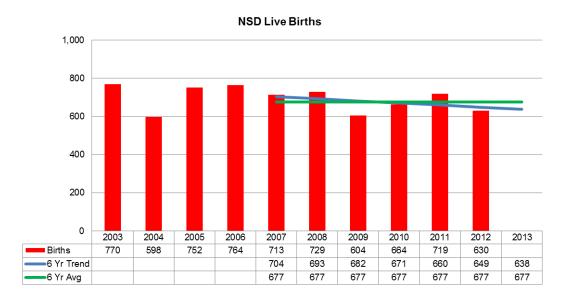
Grade 1 projections exhibit a 6 student increase by the end of the initial 5-year period. These students are likely from New Housing as discussed in greater detail on page 4.

		Kinder	garten	Grad	le 1
		Adj	Std	Adj	Std
Projected	2014	454	406	729	726
	2015	499	447	573	573
	2016	540	484	630	630
	2017	471	424	679	682
	2018	505	455	592	598
Extended	2019	505	455	635	642
	2020	505	455	635	642
	2021	505	455	635	642
	2022	505	455	635	642
	2023	506	455	635	642



#### Notes on Births (Five Years Earlier)

Live Births by the end of the initial 5-year projection period are estimates, these children are not yet born. The estimate used is the average of the prior 6 years (2007-12). This is the accepted practice for use of a Cohort Survival methodology for a school district enrollment projection.



The **average** of the last 6 years is 677 births per year, of which 75% would enroll five years later in the Neshaminy SD. However, the 6-year **trend**, with some volatility, has been for 11 births less each year. If that trend were to continue, the 2013 Births (officially unavailable at this time) would be at 638, not the 677 used in the projection.

Five years later, the October 2018 Kindergarten enrollment would be 476 and not the 505 as projected... *lower by nearly 30 students. This note on methodology is provided so the reader might understand the importance of staying abreast of the Live Births in the District.* Additional Live Births data by Municipality is available in the Appendix.

The October 2018 Kindergarten enrollment is the only projection in the initial 5 years that is based on an average and not a documented count. However each additional year of projection uses one additional year of an "average", such that the year 2023 K-Grade 5 elementary projection is based on averages in its' entirety. *This note on methodology is provided so the reader might understand the relatively poor accuracy of K-Grade 5 projections on an extended 5-10 year period.* 

### Adjustments for the Impact of New Housing

The Kindergarten and Grade 1 projection was also adjusted for New Housing. While there is no residential construction activity in Hulmeville Borough, Langhorn Borough or Langhorn Manor Borough, there is unusual activity in the other three municipalities.

In Penndell Borough, where permits have averaged 1.5 per year over the last 6 years, there are permits for a mix of 24 units this year. In Lower Southampton, a 131 unit Townhouse Project is approved and under construction, while in Middletown, a 143 unit Townhouse Project is approved and under construction. Neither municipality has experienced any multi-family permitting in the last 6 years. These 298 units are "above the average" that is "built into" the standard projection.



The projection will be adjusted in accordance with a schedule for completion over the next three years as follows:

<b>Proposed Housing (A</b>	bove Average)					
			2014	2015	2016	Total
Penndel Borough	Single Family	3 Bdrm	2			2
	Twins	3 Bdrm	10			10
	Apartments	2 Bdrm	12			12
Lower Southampton	<b>Emerald Walk THs</b>	3 Bdrm	31	50	50	131
Middletown	Big Oak Crossings THs	3 Bdrm	43	50	50	143
	_		98	100	100	298

This schedule of development is then translated into a schedule of additional Public School Age Children by applying multipliers for the specific unit type and number of bedrooms. These multipliers are found in Rutgers University, Center for Urban Policy Research, "Residential Demographic Multipliers for Pennsylvania" by Burchell, Listokin, et al, June 2006.

A total of 106 additional K-12 students will arrive from this proposed new housing. 34 new students will arrive in 2014, with 36 arriving in years 2015 and 2016.

<b>Public School Age Cl</b>	hildren					
		Mult.	2014	2015	2016	Total
Penndel Borough	Single Family	0.56	1.1			1
	Twins	0.36	3.6			4
	Apartments	0.19	2.3			2
Lower Southampton	Emerald Walk THs	0.36	11.2	18.0	18.0	47
Middletown	Big Oak Crossings THs	0.36	15.5	18.0	18.0	51
			34	36	36	106

Therefore, 2 to 3 students in each grade level, in each of these years are from new housing. These new students have been included in the K and Grade 1 Tables exhibited on page 2.

This concludes the projection for K and Grade 1 as commissioned.

Having completed the due diligence to project Kindergarten and Grade 1, there was little effort left to complete a District-wide projection and that also has been done. Those results are presented as Table 1.1 to 1.4, attached herewith and include the impacts of Full Day Kindergarten and New Housing.

Please feel free to telephone with questions, or to schedule a Presentation/Review meeting with the Board.

Very Truly Yours

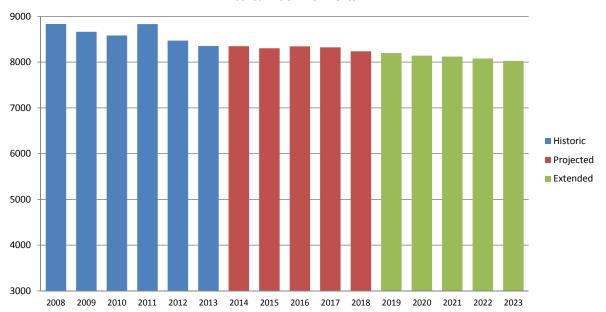
George B. Sundell Principal Consultant

SUNDANCE ASSOCIATES

Table 1.1

<b>All School</b>	s														UG			
	PK:KK	K	1	2	3	4	5	6	7	8	9	10	11	12	9-12 \$	TOTAL	Average	Change
Historic	2008	427	723	616	646	636	685	694	726	764	659	752	732	776	1	8,837		
	2009	449	630	655	635	669	617	711	704	701	708	708	745	734	0	8,666		
	2010	489	653	594	653	635	673	644	726	728	724	693	671	704	0	8,587		
	2011	510	699	627	605	661	651	703	654	716	780	715	786	718	8	8,833	8,625	
	2012	505	707	641	626	617	665	679	702	650	672	657	659	692	1	8,473		
	2013	515	659	667	637	641	617	682	675	709	618	629	653	654	0	8,356		-481
Projected	2014	454	729	618	675	651	645	644	691	676	700	598	630	641	0	8,352		
	2015	499	573	683	626	690	655	672	652	692	668	678	600	619	0	8,307		
	2016	540	630	538	691	640	694	683	681	653	684	647	679	589	0	8,349	8,314	
	2017	471	679	588	542	704	641	721	689	680	643	659	645	664	0	8,325		
	2018	505	592	634	593	552	705	666	727	688	669	620	657	631	0	8,238		-118
Extended	2019	505	635	552	639	603	553	733	672	726	677	645	618	643	0	8,201		
	2020	505	635	593	557	650	604	575	739	670	714	652	643	605	0	8,143		
	2021	505	635	593	598	567	651	628	580	738	659	688	651	629	0	8,122	8,115	
	2022	505	635	593	598	609	568	677	633	578	726	636	686	637	0	8,081		
	2023	506	635	593	598	609	610	590	683	632	569	699	634	671	0	8,029		-209

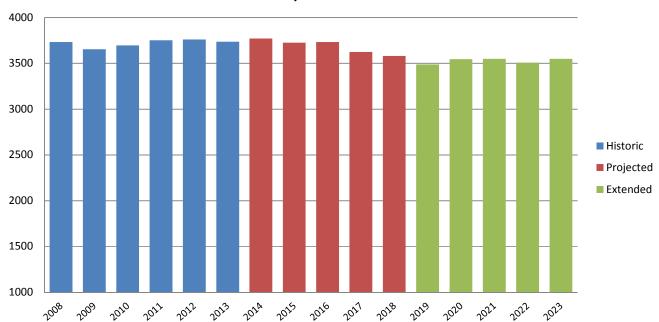
# **District Wide Enrollments K-12**



Neshaminy School District Elementary K -Grade 5 Enrollments

											PK-5	Period		
		PKSE	PK3	PK4	K	1	2	3	4	5	TOTAL	Average	Change	
Historic	2008	0	0	0	427	723	616	646	636	685	3,733			
	2009	0	0	0	449	630	655	635	669	617	3,655			
	2010	0	0	0	489	653	594	653	635	673	3,697			
	2011	0	0	0	510	699	627	605	661	651	3,753	3,723		
	2012	0	0	0	505	707	641	626	617	665	3,761			
	2013	0	0	0	515	659	667	637	641	617	3,736		3	0.1%
Projected	2014	0	0	0	454	729	618	675	651	645	3,771			
	2015	0	0	0	499	573	683	626	690	655	3,726			
	2016	0	0	0	540	630	538	691	640	694	3,733	3,687		
	2017	0	0	0	471	679	588	542	704	641	3,624			
	2018	0	0	0	505	592	634	593	552	705	3,581		-155	-4.1%
Extended	2019	0	0	0	505	635	552	639	603	553	3,488			
	2020	0	0	0	505	635	593	557	650	604	3,545			
	2021	0	0	0	505	635	593	598	567	651	3,550	3,528		
	2022	0	0	0	505	635	593	598	609	568	3,508			
	2023	0	0	0	506	635	593	598	609	610	3,550		-30	-0.9%

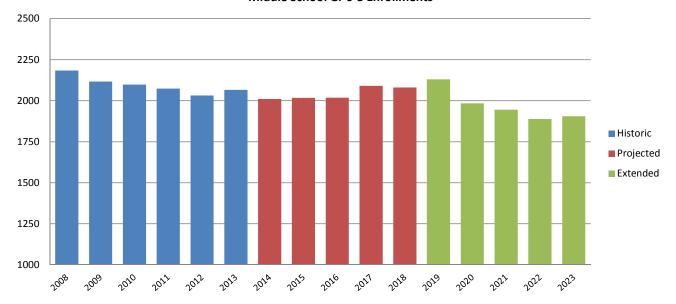
# **Elementary PreK-Gr 5 Enrollments**



Neshaminy School District
Middle School Grade 6-8 Enrollments

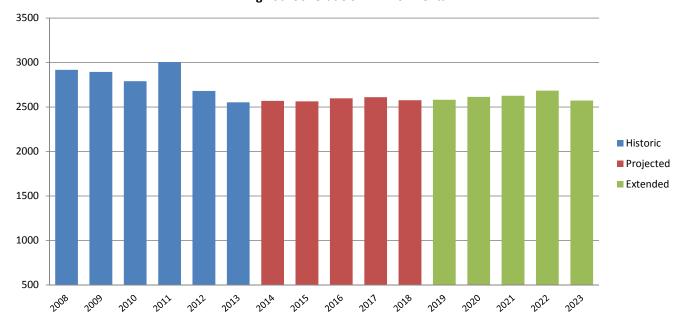
					Gr 5-6	Period	Period	
		6	7	8	TOTAL	Average	Change	
Historic	2008	694	726	764	2,184			
	2009	711	704	701	2,116			
	2010	644	726	728	2,098			
	2011	703	654	716	2,073	2095		
	2012	679	702	650	2,031			
	2013	682	675	709	2,066		-118	-5.4%
Projected	2014	644	691	676	2,010			
	2015	672	652	692	2,016			
	2016	683	681	653	2,018	2043		
	2017	721	689	680	2,090			
	2018	666	727	688	2,081		15	0.7%
Extended	2019	733	672	726	2,130			
	2020	575	739	670	1,984			
	2021	628	580	738	1,945	1970		
	2022	677	633	578	1,888			
	2023	590	683	632	1,905		-176	-8.3%

# Middle School Gr 6-8 Enrollments



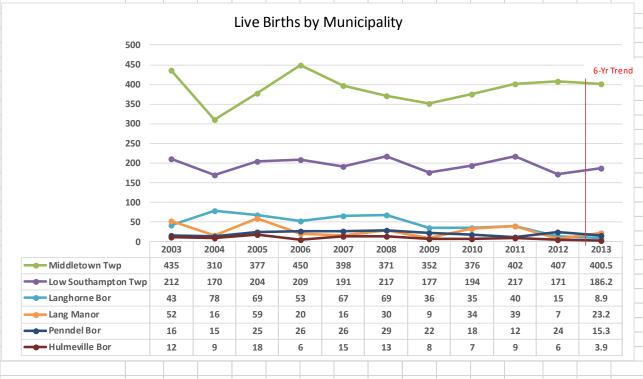
							Gr 7-8	Period	Period	
		9	10	11	<b>12</b> 9-1	2 UG	TOTAL	Average	Change	
Historic	2008	659	752	732	776	1	2,920			
	2009	708	708	745	734	0	2,895			
	2010	724	693	671	704	0	2,792			
	2011	780	715	786	718	8	3,007	2808		
	2012	672	657	659	692	1	2,681			
	2013	618	629	653	654	0	2,554		-366	-12.5%
Projected	2014	700	598	630	641	0	2,570			
	2015	668	678	600	619	0	2,565			
	2016	684	647	679	589	0	2,599	2584		
	2017	643	659	645	664	0	2,611			
	2018	669	620	657	631	0	2,577		23	0.9%
Extended	2019	677	645	618	643	0	2,583			
	2020	714	652	643	605	0	2,614			
	2021	659	688	651	629	0	2,628	2617		
	2022	726	636	686	637	0	2,684			
	2023	569	699	634	671	0	2,574		-3	-0.1%

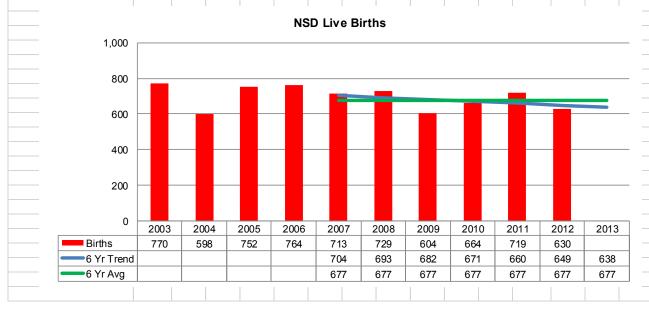
**High School Grade 9-12 Enrollments** 



# Base Data for Enrollment Projection-BIRTHS

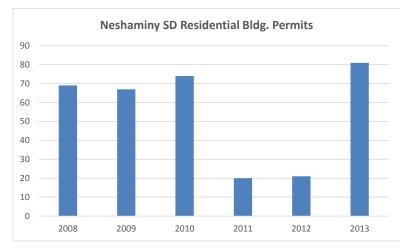
											trend		
BIRTHS										prel	est.		
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
Middletown Twp	435	310	377	450	398	371	352	376	402	407	400.5		
Low Southampton Twp	212	170	204	209	191	217	177	194	217	171	186.2		
Langhorne Bor	43	78	69	53	67	69	36	35	40	15	8.9		
Lang Manor	52	16	59	20	16	30	9	34	39	7	23.2		
Penndel Bor	16	15	25	26	26	29	22	18	12	24	15.3		
Hulmeville Bor	12	9	18	6	15	13	8	7	9	6	3.9		
	770	598	752	764	713	729	604	664	719	630	638.0		
													-





# **Neshaminy School District**

Base Data for Enrollment Projection-Residential Building Permits

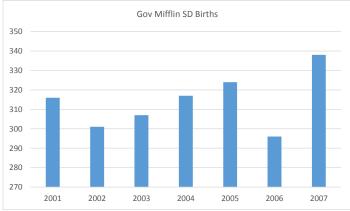


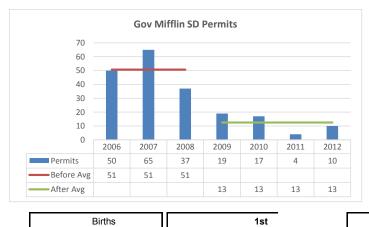
		Sum of	Neshar	miny SE	)		6-year
	2008	2009	2010	2011	2012	2013	Average
Total	69	67	74	20	21	81	55
Units	69	67	74	20	21	81	All
Units	0	0	0	0	0	0	Single
Units	0	0	0	0	0		Sirigie
	Housir	na Unit	Buildin	g Perm	its for:		
				ROUGH,			
		(Bucks (	County	)			6-year
	2008	2009	2010	2011	2012	2013	Average
Total	7	3	3	0	0	0	2.2
Units	7	3	3	0	0	0	
Units	0	0	0	0	0	0	
Omto	•			•	Ū	U	
				g Perm			
				ROUGH,	PA		
		(Bucks (					6-year
	2008	2009	2010	2011	2012	2013	Average
Total	0	0	0	0	0	0	0.0
Units	0	0	0	0	0	0	
Units	0	0	0	0	0	0	
	Housir	ng Unit	Buildin	g Perm	its for:		
					IGH, PA		
		(Bucks			- ,		6-year
	2008	2009	2010	2011	2012	2013	Average
Total	0	0	0	0	0	0	0.0
Units	0	0	0	0	0	0	0.0
Units		0	0	0	0		
	ı 0						
	0				0	0	
	,		Ruildin	a Perm		U	
	Housir	ng Unit		g Perm	its for:		
	Housir	ng Unit	MPTO	N TOWN			0
	Housir DWER S	ng Unit OUTHA (Bucks (	MPTOI County	N TOWN	its for: ISHIP, F	PA	
LO	Housin DWER S 2008	ng Unit OUTHA (Bucks (	MPTON County 2010	N TOWN ) 2011	its for: ISHIP, F	PA 2013	Average
LO	Housin DWER S 2008	ng Unit OUTHA (Bucks ( 2009 38	MPTON County 2010 39	N TOWN ) 2011 6	its for: ISHIP, F	PA 2013	Average
L(Control of the Control of the Cont	Housin DWER S 2008 5	g Unit GOUTHA (Bucks ( 2009 38 38	MPTON County 2010 39 39	N TOWN ) 2011 6 6	its for: ISHIP, F 2012 3 3	2013 55 55	Average
LO	Housin DWER S 2008	ng Unit OUTHA (Bucks ( 2009 38	MPTON County 2010 39	N TOWN ) 2011 6	its for: ISHIP, F	PA 2013	Average
L(Control of the Control of the Cont	Housin DWER S 2008 5 5 0	19 Unit 60UTHA (Bucks 0 2009 38 38 0	MPTON County 2010 39 39 0	N TOWN ) 2011 6 6	its for: ISHIP, F 2012 3 3 0	2013 55 55	Average
L(Control of the Control of the Cont	Housin  2008  5  0  Housin	ng Unit GOUTHA (Bucks ( 2009 38 38 0	MPTON County 2010 39 39 0	2011 6 6 0	its for: ISHIP, F 2012 3 3 0	2013 55 55	Average
L(Control of the Control of the Cont	Housin DWER S 5 5 0 Housin MIDI	ng Unit OUTHA (Bucks 0 2009 38 38 0	MPTON County 2010 39 39 0 Buildin	2011 6 6 0 ug Perm	its for: ISHIP, F 2012 3 3 0	2013 55 55	Average 24.3
L(Control of the Control of the Cont	Housin DWER S  2008 5 5 0  Housin MIDI	ng Unit GOUTHA (Bucks ( 2009 38 38 0 0 ng Unit DLETOV (Bucks (	MPTOr County 2010 39 0 0 Buildin VN TOV	2011 6 6 0 0 g Perm WNSHIP	its for: ISHIP, F 2012 3 3 0 its for:	2013 55 55 0	Average 24.3 6-year
Total Units Units	Housin DWER S  2008 5 5 0 Housin MIDI	ng Unit GOUTHA (Bucks ( 2009 38 38 0 0 Ing Unit DLETOV (Bucks ( 2009	MPTOP County 2010 39 39 0 Buildin VN TOV County 2010	2011 6 6 0 g Perm WNSHIP )	its for: ISHIP, F 2012 3 3 0 its for: p, PA	2013 55 55 0	Average 24.3 6-year Average
Total Units Units	Housin  2008  5  5  0  Housin  MIDI  2008  57	ng Unit 60UTHA (Bucks 0 2009 38 38 0 0 Unit DLETOV (Bucks 0 2009 26	MPTOI   2010   39   39   0	N TOWN	its for: ISHIP, F 2012 3 3 0 its for: p, PA 2012	2013 55 55 0 2013 2013	Average 24.3 6-year Average
Total Units Units Total Units	Housin DWER S  2008 5 0 Housin MIDI 2008 57	38 38 0 0 DIETOV (Bucks (2009) 26 26	MPTOI   County   2010   39   39   0	N TOWN ) 2011 6 6 0  g Perm WNSHIP ) 2011 10	its for: ISHIP, F 2012 3 3 0 its for: 7, PA 2012 17	2013 55 55 0 2013 24 24	Average 24.3 6-year Average
Total Units Units	Housin  2008  5  5  0  Housin  MIDI  2008  57	ng Unit 60UTHA (Bucks 0 2009 38 38 0 0 Unit DLETOV (Bucks 0 2009 26	MPTOI   2010   39   39   0	N TOWN	its for: ISHIP, F 2012 3 3 0 its for: p, PA 2012	2013 55 55 0 2013 2013	Average 24.3 6-year Average
Total Units Units Total Units	Housin DWER S 2008 5 5 0 Housin MIDI 2008 57 57 0 Housin Housin	ng Unit 60UTHA (Bucks 0 38 38 0 0 ng Unit DLETOV (Bucks 0 2009 26 26 0	MPTOI   County   2010   39   0	N TOWN	its for:  2012  3  3  0  its for:  , PA  2012  17  17  0  its for:	2013 55 55 0 2013 24 24	Average 24.3 6-year Average
Total Units Units Total Units	Housin MIDI 2008 5 5 0 Housin MIDI 57 57 0 Housin P	g Unit (Bucks (2009) 38 38 0 0 11 12 12 12 12 12 12 12 12 12 12 12 12	MPTOI   County   2010   39   39   0	2011 6 6 0 g Perm WNSHIP 10 10 0 g Perm	its for:  2012  3  3  0  its for:  , PA  2012  17  17  0  its for:	2013 55 55 0 2013 24 24	Average 24.3 6-year Average 27.3
Total Units Units Total Units	Housin P P	ng Unit (Bucks (2009) 38 38 0 0 ng Unit DLETOV (Bucks (2009) 26 26 0	MPTOI   County   2010   39   0	2011 6 6 0 g Perm WNSHIP 0 10 0 g Perm 0	its for: ISHIP, F 2012 3 0 its for: 7, PA 2012 17 17 0 its for:	2013 55 55 0 2013 24 24	6-year 27.3
Total Units Units  Total Units  Units  Units	Housin  2008  5  5  0  Housin  MIDI  2008  57  57  0  Housin  P	100 Unit 100	MPTOI   County   2010   39   39   0	N TOWN	2012 3 3 0 its for: 7, PA 2012 17 17 0 its for:	2013 55 55 0 2013 24 24 0 2013	6-year Average 24.3 6-year Average 27.3 6-year Average
Total Units	Housin  2008  5  5  0  Housin  MIDI  2008  57  57  0  Housin  P  2008  0	100 Unit 100	MPTOI   County   2010   39   39   0	N TOWN	its for: ISHIP, F 2012 3 3 0 its for: p, PA 2012 17 17 0 its for: PA	2013 55 55 0 2013 24 24 0 2013 2013	Average 24.3 6-year Average 27.3
Total Units Units  Total Units  Units  Units	Housin  2008  5  5  0  Housin  MIDI  2008  57  57  0  Housin  P	100 Unit 100	MPTOI   County   2010   39   39   0	N TOWN	2012 3 3 0 its for: 7, PA 2012 17 17 0 its for:	2013 55 55 0 2013 24 24 0 2013	6-year Average 27.3

# **Govenor Mifflin School District**

Base Data for K and Grade 1 Enrollment Projection

GOVERNO	R MIF	FLIN				all Berks
	Brecknock Twp	Cumru Twp	Mohnton Bor	Kenhorst Bor	Shillington Bor	TOTAL
2001	65	135	35	32	49	316
2002	40	131	41	27	62	301
2003	47	136	28	34	62	307
2004	39	143	40	35	60	317
2005	45	142	35	37	65	324
2006	40	126	40	24	66	296
2007	44	143	43	43	65	338





Gr.

Mohnton Bor	Kenhorst Bor	Shillington Bor			TOTAL	
35	32	49			316	
41	27	62			301	
28	34	62			307	
40	35	60			317	
35	37	65			324	
40	24	66			296	

		Sum of (	3ov Miff	lin SD				
	2006	2007	2008	2009	2010	2011	2012	
<b>Total Permits</b>	50	65	37	19	17	4	10	
Single-Family	50	60	37	19	17	4	5	
Multi-Family	0	5	0	0	0	0	5	
3-Yr Avg	51	51	51					
4-Yr Avg				13	13	13	13	
PSAC (.84)	42	55	31	16	14	3	8	
Single Grade	3.2	4.2	2.4	1.2	1.1	0.3	0.6	

	BRECKNOCK TOWNSHIP, PA									
(Berks County)										
2006 2007 2008 2009 2010 2011 2012										
Total Units	12	12	4	2	4	1	2			
Units in Single-	Units in Single- 12 12 4 2 4 1 2									
Units in All Multi-	0	0	0	0	0	0	0			

Housing Unit Building Permits for: CUMRU TOWNSHIP, PA (Berks County)										
	2006 2007 2008 2009 2010 2011 2012									
Total Units	37	51	33	17	13	2	3			
Units in Single-	37	46	33	17	13	2	3			
Units in All Multi-	0	5	0	0	0	0	0			

Housing Unit Building Permits for: KENHORST BOROUGH, PA (Berks County)											
	2006	2007	2008	2009	2010	2011	2012				
Total Units	0	1	0	0	0	0	0				
Units in Single-	<b>Units in Single-</b> 0 1 0 0 0 0 0										
Units in All Multi-	0	0	0	0	0	0	0				

Housing Unit Building Permits for: MOHNTON BOROUGH, PA (Berks County)										
	2006 2007 2008 2009 2010 2011 2012									
Total Units	1	0	0	0	0	1	0			
Units in Single-	1	0	0	0	0	1	0			
Units in All Multi-	0	0	0	0	0	0	0			

Housing Unit Building Permits for: SHILLINGTON BOROUGH, PA (Berks County)											
	2006 2007 2008 2009 2010 2011 2012										
Total Units	0	1	0	0	0	0	5				
Units in Single-	<b>Units in Single-</b> 0 1 0 0 0 0										
Units in All Multi-	0	0	0	0	0	0	5				

Year	Ago	"S"	"S"	
HISTORIC	DATA		AP	
2006-07	316	0.889	281	327
			1.224	
2007-08	301	0.897	270	344
			1.137	
2008-09	307	0.915	281	307
			<b>Full</b> 1.132	
2009-10	317	0.946	300	318
			1.027	
2010-11	324	0.963	312	308
			1.035	
2011-12	296	0.970	287	323
•		•		

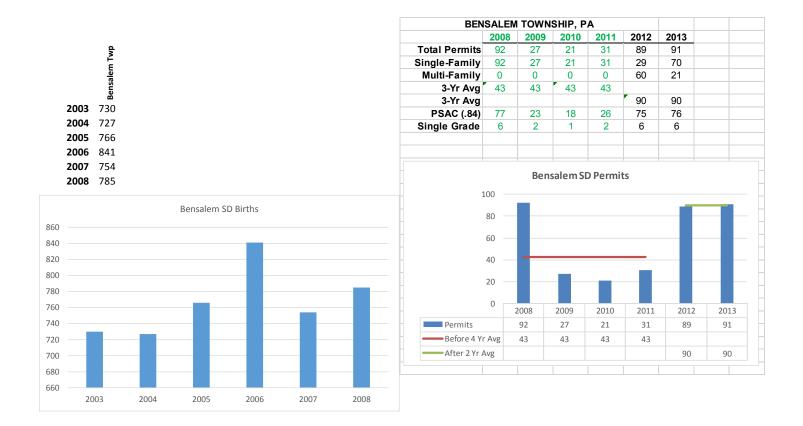
School

5 Yrs.

	Births				1st	New
School	5 Yrs.		K		Gr.	Housing
Year	Ago	"s"		"s"		Adjust
						per
Housing A	HISTOR	IC DATA		·		Grado

Housing Ad	dj HISTO	RIC DAT	A			Grade
2006-07	316	0.880	278		324	3
				1.223		
2007-08	301	0.884	266		340	4
				1.147		
2008-09	307	0.909	279		305	2
			Full	1.136		
2009-10	317	0.943	299		317	1
				1.027		
2010-11	324	0.960	311		307	1
				1.039		
2011-12	296	0.970	287		323	0
		-				

# Base Data for K and Grade 1 Enrollment Projection

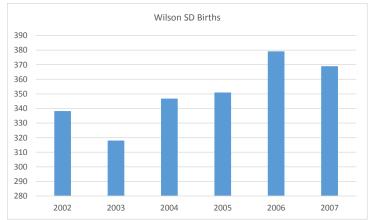


	Births				1st		Births				1s t	New
School	5 Yrs.		К		Gr.	School	5 Yrs.		к		Gr.	Housing
Year	Ago	"s"		"s"		Year	Ago	"s"		"s"		Adjust
												per
HISTORIC	DATA		APF			Housing	Adj HIS	TORIC	ATA			Grade
2009-10	727	0.538	391		495	2009-10	727	0.535	389		493	2
				1.194						1.198		
2010-11	766	0.563	431		467	2010-11	766	0.561	430		466	1
				1.162						1.160		
2 0 11-12	841	0.530	446		501	2011-12	841	0.528	444		499	2
		•	Full	1.074					Full	1.065		
2012-13	754	0.667	503		479	2012-13	754	0.659	497		473	6
		•		1.002						1.002		
2013-14	785	0.613	481		504	2013-14	785	0.605	475		498	6

# **Wilson School District**

# Base Data for K and Grade 1 Enrollment Projection

WILSON SD	)			dissolv	ed in 2006, to	Spring Twp.	Berks
	Low Heidelberg Twp	Sinking Spring Bor	Spring Twp	West Lawn	Wyomissing B 5%		TOTAL
2002	28	35	246	26	64		338
2003	34	23	230	28	60		318
2004	42	34	241	27	55		347
2005	41	39	240	27	79		351
2006	45	54	276		83		379
2007	43	61	261		80		369





	Su	m of Wi	ilson SC	)					
	Ingle-Family     127     116     36     72     43       Multi-Family     0     0     0     0     0       3-Yr Avg     93     93     93       3-Yr Avg     49     49								
Total Permits	127	116	36	72	43	33			
Single-Family	127	116	36	72	43	25			
Multi-Family	0	0	0	0	0	8			
3-Yr Avg	93	93	93						
3-Yr Avg				49	49	49			
PSAC (.84)	107	97	30	60	36	28			
Single Grade	8.2	7.5	2.3	4.7	2.8	2.1			

LOW	ER HEID	ELBER	G TOW	NSHIP,	PA						
(Berks County)											
	2007	2008	2009	2010	2011	2012					
Total Units	42	42	8	16	12	14					
Units in Single-	42	42	8	16	12	14					
Units in All Multi-	0	0	0	0	0	0					

Hou	ısing Ur	nit Build	ling Per	mits for	:							
SII	IKING S	PRING	BOROU	IGH, PA								
(Berks County)												
	2007	2008	2009	2010	2011	2012						
Total Units	35	12	4	3	0	8						
Units in Single-	35	12	4	3	0	0						
Units in All Multi-	0	0	0	0	0	8						

Hou			ling Per NSHIP,		:					
(Berks County)										
	2007	2008	2009	2010	2011	2012				
Total Units	50	62	24	53	31	11				
Units in Single-	50	62	24	53	31	11				
Units in All Multi-	0	0	0	0	0	0				

				:						
(Berks County)    2007   2008   2009   2010   2011   2012     Total Units   0   0   0   0   0   0										
2007	2008	2009	2010	2011	2012					
0	0	0	0	0	0					
0	0	0	0	0	0					
0	0	0	0	0	0					
	WEST L (1 2007 0	WEST LAWN Bo (Berks C 2007 2008 0 0 0 0	NEST LAWN BOROUG	NEST LAWN BOROUGH, PA   (Berks County)     2007   2008   2009   2010     0	County   C					

	Births					1st		Births				1st	New
School	5 Yrs.			K		Gr.	School	5 Yrs.		к		Gr.	Housing
Year	Ago	"s"			"s"		Year	Ago	"s"		"s"		A djust
													per
HISTORIC	DATA		1	APF			Housing	Adj HIST	ORIC D	ATA			Grade
2007-08	338	1.148		388		465	2007-08	338	1.124	380		457	8
					1.198						1.203		
2008-09	3 18	1.220		388		465	2008-09	3 18	1.195	380		457	8
					1.276						1.297		
2009-10	347	1.127		391		495	2009-10	347	1.121	389		493	2
				Full	1.194					Full	1.188		
2010-11	351	1.228		431		467	2010-11	351	1.214	426		462	5
					1.162						1.169		
2011-12	379	1.177		446		501	2 0 11-12	379	1.169	443		498	3
					1.074						1.077		
2012-13	369	1.363	Г	503		479	2012-13	369	1.358	501		477	2