

# Downingtown Area School District

**District Enrollment Projection Update**

## Enrollment Projections & Methods

### **Resident Enrollment Projections based on:**

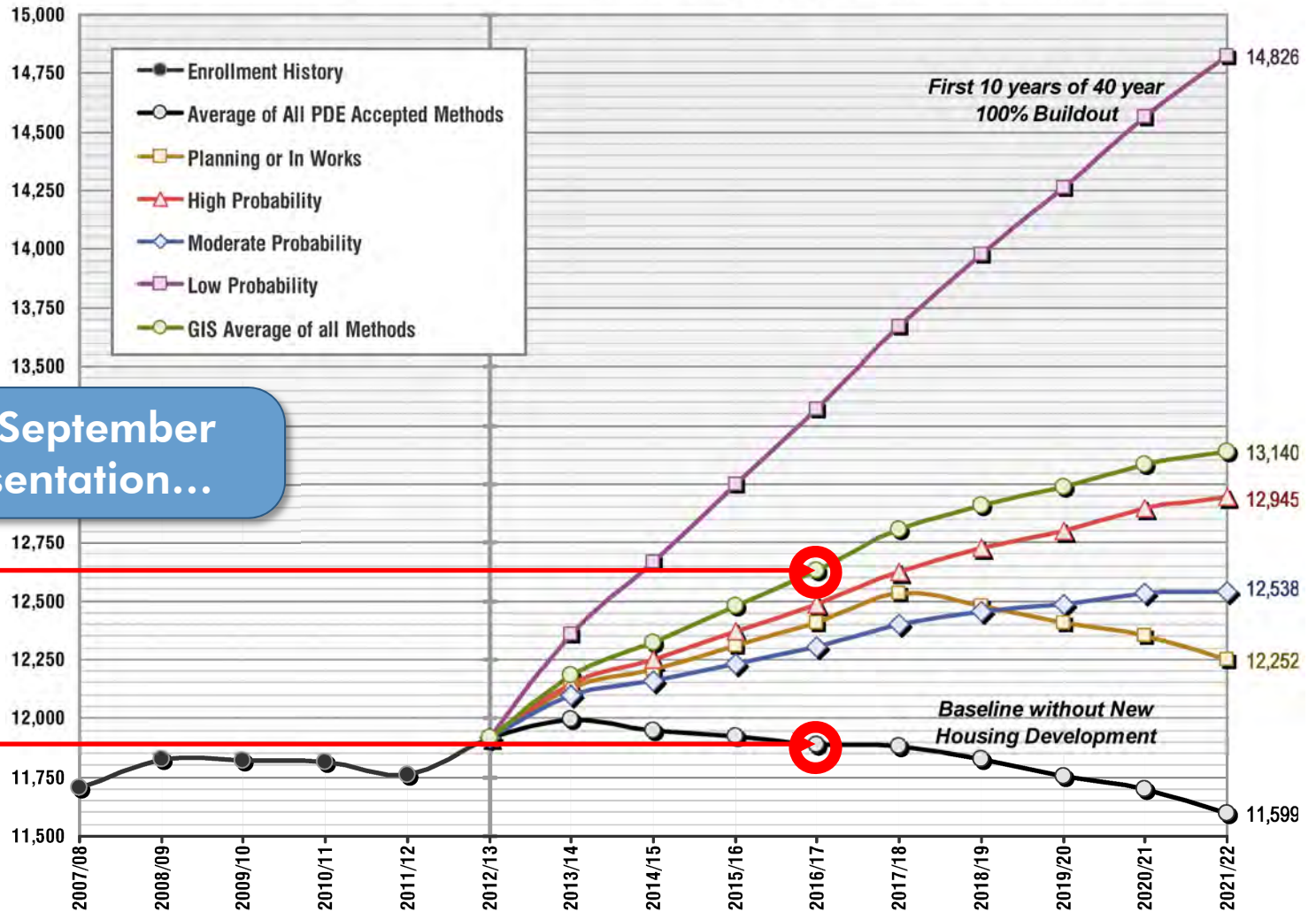
- Method for projecting birth rates
- Retention rates used for grade level progression

### **Migrating Students based on:**

- New developments
- Municipality location and student per household

# 2012 Study: Projections Very Close Using GIS Average

Enrollment Projections Adjusted for New Housing Development Scenarios

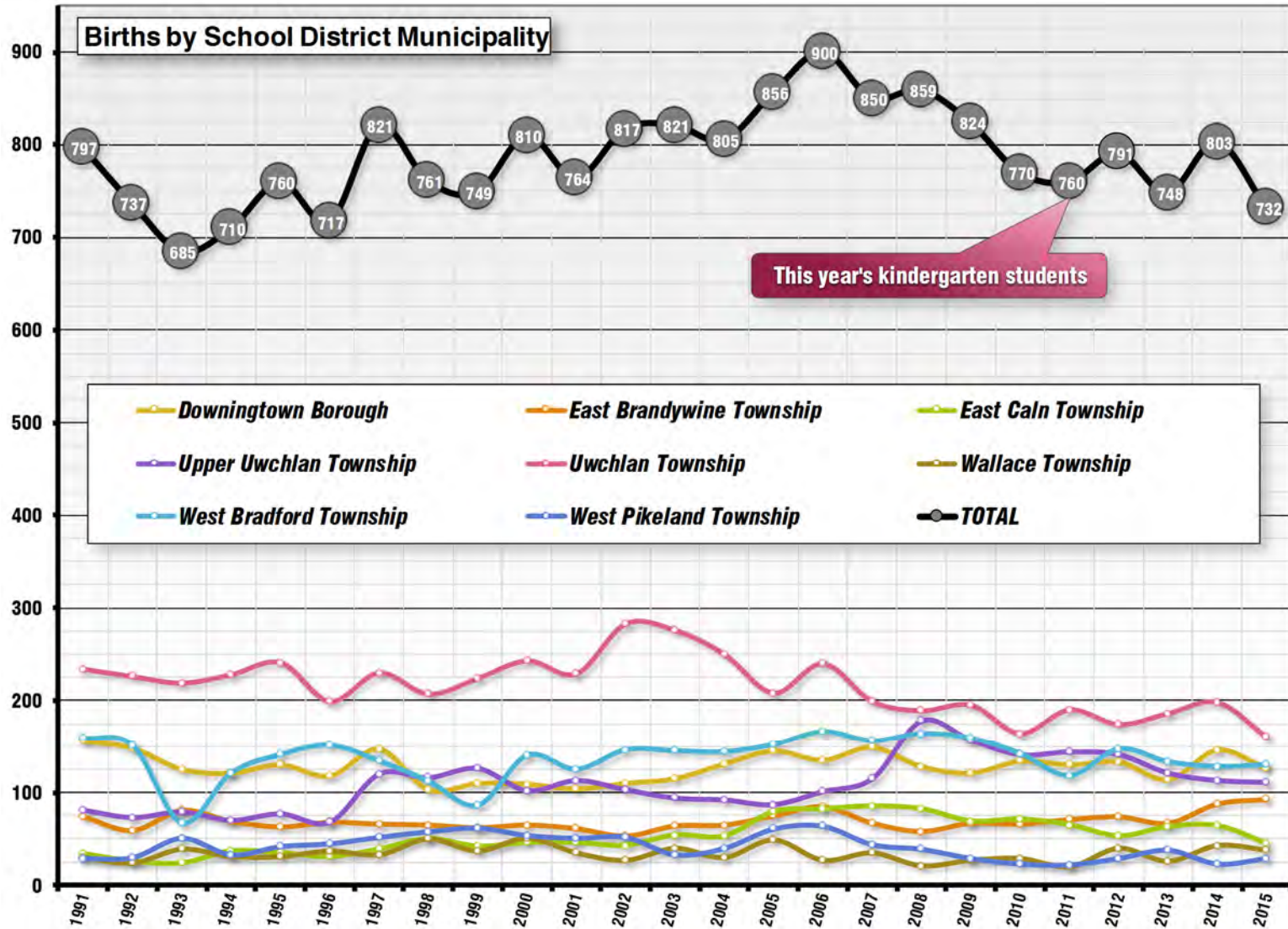


From the September 2012 Presentation...

12,630

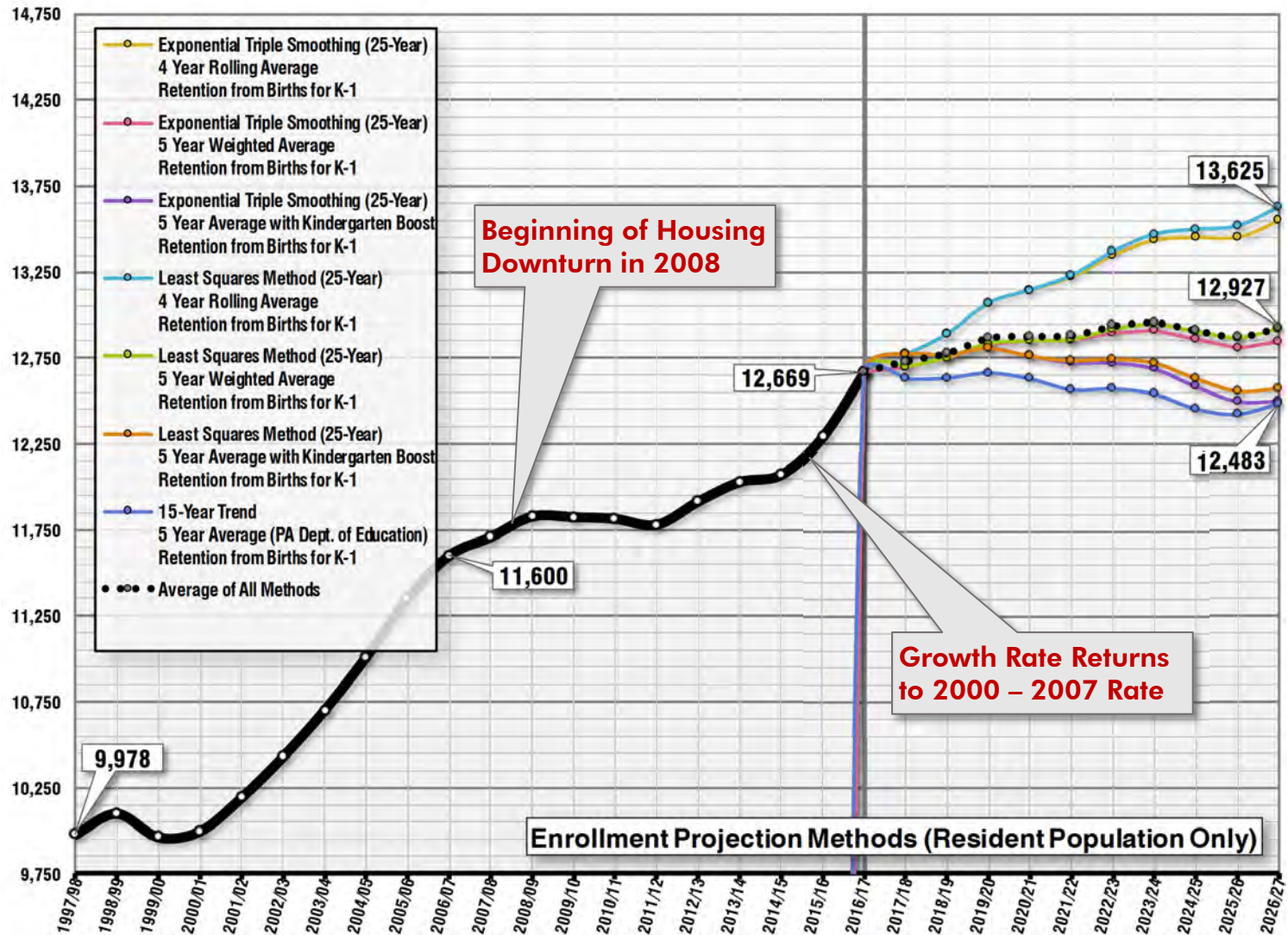
11,890

# Births by Municipality





# Enrollment Projections (Resident Only, No Growth)



# Enrollment Projections (Resident Only, without Growth)

## Average of All Methods

School Year	K	1	2	3	4	5	6	7	8	9	10	11	12	Total
2011/12	721	847	851	964	938	940	944	955	954	917	973	897	878	11,779
2012/13	694	878	879	876	990	933	978	969	964	962	922	971	899	11,915
2013/14	633	855	925	902	907	1,010	976	984	997	990	959	918	972	12,028
2014/15	641	776	922	955	935	933	1,047	994	996	1,007	989	957	918	12,070
2015/16	643	851	836	973	988	974	985	1,063	1,007	1,022	1,011	982	956	12,291
2016/17	732	847	919	904	1,008	1,050	1,034	1,022	1,077	1,037	1,027	1,016	996	12,669
2017/18	714	774	907	967	936	1,046	1,104	1,058	1,037	1,101	1,040	1,026	1,021	12,729
2018/19	677	809	829	956	1,001	972	1,100	1,129	1,073	1,060	1,104	1,038	1,031	12,778
2019/20	730	766	867	874	989	1,040	1,022	1,127	1,146	1,098	1,063	1,103	1,043	12,868
2020/21	664	821	821	913	904	1,028	1,094	1,046	1,143	1,171	1,101	1,062	1,108	12,877
2021/22	732	749	880	865	945	940	1,081	1,120	1,061	1,169	1,174	1,099	1,067	12,882
2022/23	738	826	802	928	895	982	988	1,107	1,136	1,085	1,172	1,173	1,105	12,937
2023/24	738	832	886	846	960	931	1,033	1,012	1,122	1,161	1,088	1,170	1,179	12,958
2024/25	742	833	892	934	875	998	979	1,057	1,027	1,148	1,164	1,086	1,176	12,911
2025/26	749	837	892	940	966	910	1,049	1,002	1,072	1,050	1,151	1,163	1,092	12,874
2026/27	751	846	897	940	972	1,004	957	1,074	1,017	1,097	1,053	1,149	1,169	12,927



**Highest Projected Enrollment: 2023/24 – 12,958 students**

# Enrollment Projections (Resident Only, without Growth)

## Average of All Methods

School Year	ELEM		INT		MIDDLE		HIGH		K-12
	K	1-5	K-1	2-5	K-5	6	7-8	9-12	
2014/15	641	4,521	1,417	3,745	5,162	1,047	1,990	3,871	12,070
2015/16	643	4,622	1,494	3,771	5,265	985	2,070	3,971	12,291
2016/17	732	4,728	1,579	3,881	5,460	1,034	2,099	4,076	12,669
2017/18	714	4,630	1,487	3,856	5,344	1,104	2,095	4,187	12,729
2018/19	677	4,566	1,485	3,757	5,243	1,100	2,202	4,233	12,778
2019/20	730	4,537	1,496	3,770	5,266	1,022	2,272	4,307	12,868
2020/21	664	4,488	1,485	3,667	5,152	1,094	2,189	4,442	12,877
2021/22	732	4,379	1,481	3,630	5,112	1,081	2,180	4,509	12,882
2022/23	738	4,434	1,564	3,608	5,172	988	2,243	4,534	12,937
2023/24	738	4,454	1,570	3,622	5,193	1,033	2,134	4,598	12,958
2024/25	742	4,531	1,575	3,698	5,273	979	2,084	4,575	12,911
2025/26	749	4,545	1,587	3,708	5,295	1,049	2,074	4,456	12,874
2026/27	751	4,660	1,597	3,814	5,411	957	2,091	4,469	12,927
<b>MAX</b>	751	4,660	1,597	3,856	5,411	1,104	2,272	4,598	12,958
<b>CURRENT + 10.0%</b>	805	5,201	1,737	4,269	6,006	1,137	2,309	4,484	13,936
<b>GREATER</b>	<b>805</b>	<b>5,201</b>	<b>1,737</b>	<b>4,269</b>	<b>6,006</b>	<b>1,137</b>	<b>2,309</b>	<b>4,598</b>	<b>13,936</b>
2016-2027	19	- 68	18	- 67	- 49	- 77	- 8	393	258
% Change	2.58%	-1.44%	1.13%	-1.73%	-0.91%	-7.45%	-0.38%	9.63%	2.04%



**PDE's Recommended District Capacity: Current + 10% – 13,936 students**

# Potential Students from Development Growth

## School Age Children: Ages 5 through 17

Students estimated based on the location of the development and statistics for students per household within that municipality.

## Students likely to attend public school: **83.44%**

Based on the number of school age students residing in the district and the enrollment for the same year.

Municipality	Ratio of School Age Children
Downingtown Borough	0.31
East Brandywine Township	0.54
East Caln Township	0.37
Upper Uwchlan Township	0.79
Uwchlan Township	0.56
Wallace Township	0.79
West Bradford Township	0.58
West Pikeland Township	0.60
	<b>0.56</b>



## 2016 Projection Assumptions & Limitations

- Information is better known for developments happening sooner so migration projections show a natural drop where information is not available or definitive information is not known.

It is likely such growth would continue, though lessen as land becomes less available for new building and the district approaches maximum buildout.

# Anticipated Students from New Developments

## Anticipated Student Arrivals by Year and Grade Distribution

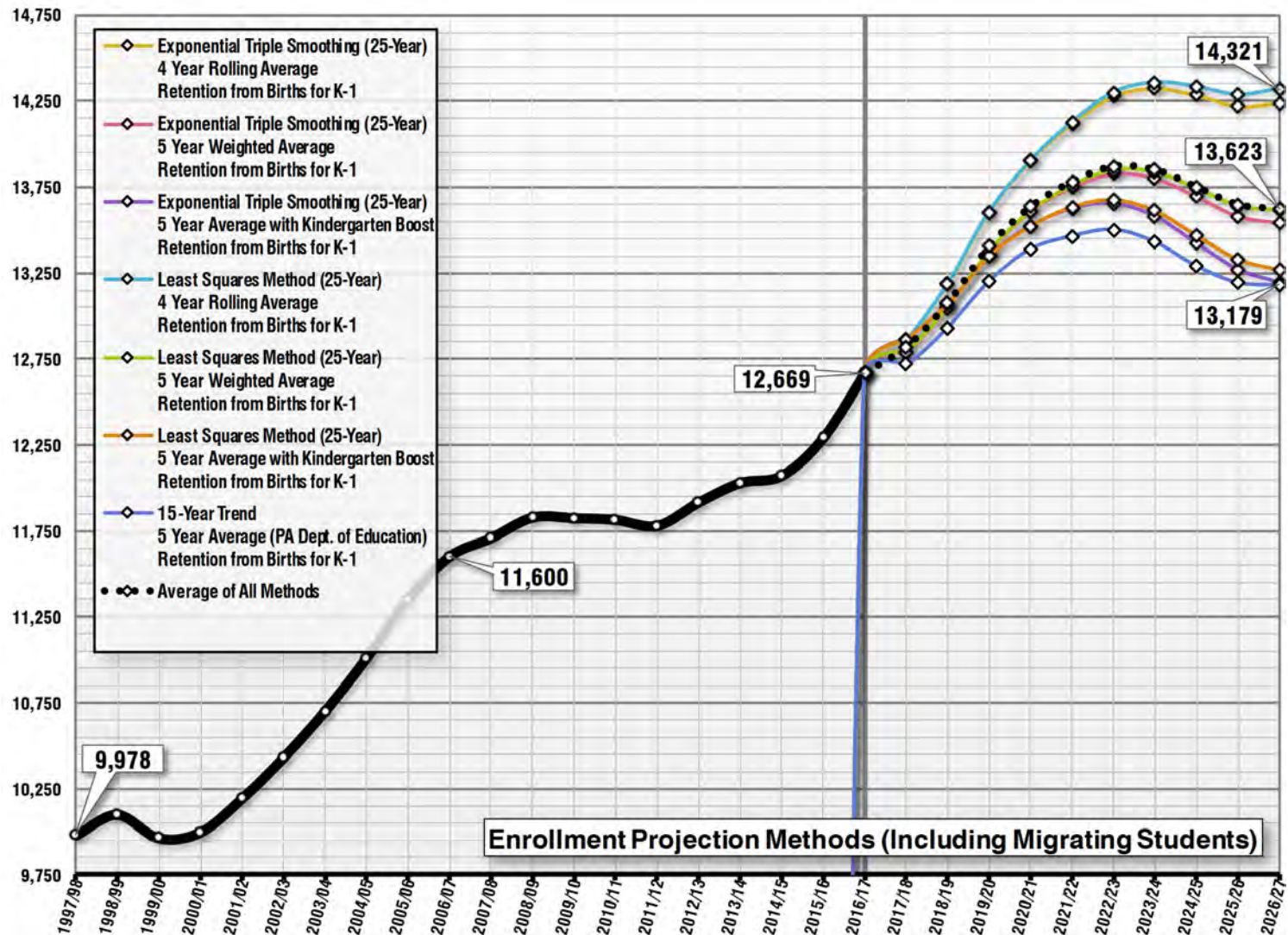
School Year of Housing Unit Completion	K	1	2	3	4	5	6	7	8	9	10	11	12	Total
	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.8%	8.0%	7.0%	6.0%	5.0%	4.0%	
2017/18	8	9	8	8	8	8	8	8	7	6	5	5	4	92
2018/19	18	19	18	19	18	18	18	18	17	15	13	11	8	210
2019/20	22	23	22	23	22	22	22	22	20	18	15	13	10	254
2020/21	21	22	21	22	21	22	22	22	20	17	15	12	10	247
2021/22	15	16	16	16	16	16	16	16	15	13	11	9	7	182
2022/23	7	8	8	8	8	8	8	8	7	6	5	4	4	89
2023/24	2	3	2	3	2	3	3	3	2	2	2	2	1	30
2024/25	2	3	2	3	2	2	2	2	2	2	2	1	1	26
2025/26	2	2	2	2	2	2	2	2	2	2	1	1	1	23
2026/27	1	2	1	2	1	2	2	2	1	1	1	1	1	18

# Anticipated Students from New Developments

## Cumulative Impact of Anticipated Students

School Year of Housing Unit Completion	K	1	2	3	4	5	6	7	8	9	10	11	12	Total
2017/18	8	9	8	8	8	8	8	8	7	6	5	5	4	92
2018/19	18	27	27	27	26	26	26	26	25	22	19	16	13	298
2019/20	22	41	49	50	49	48	48	48	46	43	37	32	26	539
2020/21	21	44	62	71	71	71	70	70	68	63	58	49	42	760
2021/22	15	37	60	78	87	87	87	86	85	81	74	67	56	900
2022/23	7	23	45	68	86	95	95	95	93	91	86	78	71	933
2023/24	2	10	25	48	70	89	98	98	97	95	93	88	79	892
2024/25	2	5	12	28	50	72	91	100	100	99	97	94	89	839
2025/26	2	4	7	14	30	52	74	93	102	102	100	98	95	773
2026/27	1	4	5	9	15	32	54	76	94	103	103	101	99	696

# Enrollment Projections (Including Student Migration)



# Enrollment Projections (Including Student Migration)

## Average of All Methods

School Year	K	1	2	3	4	5	6	7	8	9	10	11	12	Total
2011/12	721	847	851	964	938	940	944	955	954	917	973	897	878	11,779
2012/13	694	878	879	876	990	933	978	969	964	962	922	971	899	11,915
2013/14	633	855	925	902	907	1,010	976	984	997	990	959	918	972	12,028
2014/15	641	776	922	955	935	933	1,047	994	996	1,007	989	957	918	12,070
2015/16	643	851	836	973	988	974	985	1,063	1,007	1,022	1,011	982	956	12,291
2016/17	732	847	919	904	1,008	1,050	1,034	1,022	1,077	1,037	1,027	1,016	996	12,669
2017/18	722	783	915	975	944	1,054	1,112	1,066	1,044	1,107	1,045	1,031	1,025	12,821
2018/19	695	836	856	983	1,027	998	1,126	1,155	1,098	1,082	1,123	1,054	1,044	13,076
2019/20	752	807	916	924	1,038	1,088	1,070	1,175	1,192	1,141	1,100	1,135	1,069	13,407
2020/21	685	865	883	984	975	1,099	1,164	1,116	1,211	1,234	1,159	1,111	1,150	13,637
2021/22	747	786	940	943	1,032	1,027	1,168	1,206	1,146	1,250	1,248	1,166	1,123	13,782
2022/23	745	849	847	996	981	1,077	1,083	1,202	1,229	1,176	1,258	1,251	1,176	13,870
2023/24	740	842	911	894	1,030	1,020	1,131	1,110	1,219	1,256	1,181	1,258	1,258	13,850
2024/25	744	838	904	962	925	1,070	1,070	1,157	1,127	1,247	1,261	1,180	1,265	13,750
2025/26	751	841	899	954	996	962	1,123	1,095	1,174	1,152	1,251	1,261	1,187	13,647
2026/27	752	850	902	949	987	1,036	1,011	1,150	1,111	1,200	1,156	1,250	1,268	13,623



**Highest Projected Enrollment: 2022/23 – 13,870 students**



# Enrollment Projections (Including Student Migration)

## Average of All Methods

School Year	ELEM		INT		MIDDLE		HIGH		K-12
	K	1-5	K-1	2-5	K-5	6	7-8	9-12	
2014/15	641	4,521	1,417	3,745	5,162	1,047	1,990	3,871	12,070
2015/16	643	4,622	1,494	3,771	5,265	985	2,070	3,971	12,291
2016/17	732	4,728	1,579	3,881	5,460	1,034	2,099	4,076	12,669
2017/18	722	4,671	1,504	3,888	5,393	1,112	2,110	4,207	12,821
2018/19	695	4,699	1,530	3,863	5,394	1,126	2,253	4,303	13,076
2019/20	752	4,774	1,559	3,966	5,525	1,070	2,366	4,445	13,407
2020/21	685	4,807	1,550	3,942	5,492	1,164	2,327	4,654	13,637
2021/22	747	4,728	1,533	3,942	5,476	1,168	2,351	4,787	13,782
2022/23	745	4,751	1,594	3,902	5,496	1,083	2,431	4,860	13,870
2023/24	740	4,696	1,582	3,854	5,437	1,131	2,329	4,953	13,850
2024/25	744	4,698	1,582	3,860	5,442	1,070	2,284	4,954	13,750
2025/26	751	4,652	1,593	3,811	5,404	1,123	2,269	4,851	13,647
2026/27	752	4,725	1,602	3,875	5,477	1,011	2,261	4,875	13,623
<b>MAX</b>	752	4,807	1,602	3,966	5,525	1,168	2,431	4,954	13,870
<b>CURRENT + 10.0%</b>	805	5,201	1,737	4,269	6,006	1,137	2,309	4,484	13,936
<b>GREATER</b>	<b>805</b>	<b>5,201</b>	<b>1,737</b>	<b>4,269</b>	<b>6,006</b>	<b>1,168</b>	<b>2,431</b>	<b>4,954</b>	<b>13,936</b>
2016-2027	20	- 3	23	- 6	17	- 23	162	799	954
% Change	2.71%	-0.07%	1.45%	-0.16%	0.30%	-2.22%	7.72%	19.59%	7.53%



**PDE's Recommended District Capacity: Current + 10% – 13,936 students**

## Conclusions

- Steady growth for the foreseeable future.
- After 5 years, resident enrollment still growing slightly, even without new students from development.
- No projection methods reflect an enrollment decrease.
- Growth projection illustrated follow the historical trend.