

TO: Superintendent, Bernards Township Schools Board of Education Members
Business Manager & Principals, Bernards Township Schools
Mayor and Township Committee Township Administrator / CFO
Township Engineer and Twp. Planner Planning /Zoning Boards Members

FROM: William C. Draper, Sc.D., P.E.

DATE: October 21, 2011

SUBJECT: Student Enrollment Forecast - Bernards Township Public Schools

Herewith is a Student Enrollment Forecast for Bernards Township Public Schools. The number of students listed are those enrolled mid October of each year. Data is displayed in tabular form for School Years '06-'07 through '15-'16 and is shown graphically for years 1970 through 2016.

Table 1 Included are numbers of public school students enrolled by Grade, Grade Groupings, Schools (K-5, Wm. Annin and Ridge High) for school years '06-'07 through '15-'16 along with percent changes. Note the following: a) total students peaked in '09-'10 and declines =>1% each year subsequent to '13-'14; b) Enrollments in Grades K-5 peaked in '08-'09; c) Grades 6- 8 (Wm Annin) peaked in '10-'11; and d) Grades 9-12 (Ridge High) are expected to crest '15-'16.

Table 2 Tabulates enrollments for School Years '06-'07 through '11-'12 and includes forecasts for years '12-'13 through '15-'16 for each of the four Neighborhood Schools (Grades K-5) and their totals.

Graph 1A Births to Parents Residing in Bernards Township peaked in 2001 and have reduced more than **40%** since.

Graph 1B Births in all four Neighborhood School Districts except Liberty Corner have reduced since peaking in 2001. The greatest reduction (69%) has been in Mt. Prospect School.

Graph 2 Numbers of Pre-School Children peaked in School Year **'03-'04**.

Graph 3 Enrollments in Grades K-5 (Neighborhood Schools) peaked in School Year **'08-'09**.

Graph 4 Numbers of Students in Grades 6 - 8 (Wm. Annin) reached maximum in School Year **'10-'11**.

Graph 5 Enrollments in Grades 9 -12 (Ridge High) are projected to peak in School Year **'15-'16**.

Graph 6 Displays Pre-School and Enrollments for Neighborhood Schools, Wm. Annin, and Ridge High. Migration of children from pre-school through high school, following the predictable cycle is readily apparent on this graph.

Graph 7 Total Enrollments (Grades K-12) peaked in **'09-'10** and remained relatively constant through '11-'12 after which it is expected to decline => 1% per year for several years before declining at a faster rate.

Projections assume current socio-economic and political environmental conditions will prevail through the forecast period.



Grade	'06-'07 School Yr.	'07-'08 School Yr.	'08-'09 School Yr.	'09-'10 School Yr.	'10-'11 School Yr.	'11-'12 School Yr.	'12-'13 School Yr.	'13-'14 School Yr.	'14-'15 School Yr.	'15-'16 School Yr.
K	353	351	354	377	334	343	298	269	262	267
1	370	384	379	381	395	347	372	324	292	285
2	440	381	372	379	399	407	356	381	333	302
3	445	452	426	422	384	418	416	366	391	343
4	410	447	452	408	432	398	427	426	375	400
5	434	418	463	478	420	436	407	437	435	385
6	417	452	451	478	479	432	456	426	455	454
7	437	421	455	455	476	484	436	460	430	460
8	411	437	427	449	458	476	488	441	464	435
9	436	414	442	424	438	448	476	489	441	465
10	414	431	400	443	425	440	444	472	485	437
11	382	401	429	399	436	419	440	445	473	485
12	361	382	396	423	394	434	415	436	440	468
Sp. Ed.	144	142	169	176	190	194	193	193	193	193
Totals	5,454	5,513	5,615	5,692	5,660	5,676	5,625	5,563	5,470	5,377
% Population	19.6%	19.7%	20.0%	20.2%	20.0%	19.9%	19.7%	19.4%	19.0%	18.7%
Population (End of Yr.)	27,845	27,984	28,101	28,221	28,356	28,459	28,571	28,665	28,733	28,806
Students per Grade Group										
K - 2	1,163	1,116	1,105	1,137	1,128	1,097	1,026	974	887	854
3 - 5	1,289	1,317	1,341	1,308	1,236	1,252	1,251	1,229	1,201	1,128
6 - 8	1,274	1,327	1,347	1,398	1,430	1,407	1,396	1,343	1,366	1,364
9 - 12	1,608	1,642	1,697	1,718	1,729	1,786	1,804	1,870	1,867	1,884
K-8 Total	3,726	3,760	3,793	3,843	3,794	3,756	3,673	3,545	3,455	3,345
K - 5 Total	2,573	2,544	2,584	2,566	2,502	2,483	2,422	2,347	2,233	2,125
% Annual Chg. K - 2	-3.5%	-4.0%	-1.0%	2.9%	-0.8%	-2.7%	-6.5%	-5.1%	-8.9%	-3.8%
3 - 5	4.9%	2.2%	1.8%	-2.5%	-5.5%	1.3%	-0.0%	-1.8%	-2.2%	-6.2%
6 - 8	1.4%	4.2%	1.5%	3.8%	2.3%	-1.6%	-0.8%	-3.8%	1.8%	-0.1%
9 - 12	5.5%	2.1%	3.3%	1.2%	0.6%	3.3%	1.0%	3.7%	-0.1%	0.9%
Total	2.5%	1.1%	1.9%	1.4%	-0.6%	0.3%	-0.9%	-1.1%	-1.7%	-1.7%
K-8 Total	1.0%	0.9%	0.9%	1.3%	-1.3%	-1.0%	-2.2%	-3.5%	-2.5%	-3.2%
K - 5 Total	1.2%	-1.1%	1.6%	-0.7%	-2.5%	-0.8%	-2.5%	-3.1%	-4.9%	-4.8%
YEAR	'06-'07	'07-'08	'08-'09	'09-'10	'10-'11	'11-'12	'12-'13	'13-'14	'14-'15	'15-'16

Wm. Annin
Ridge High

Includes
Spec. Ed.

K - 5

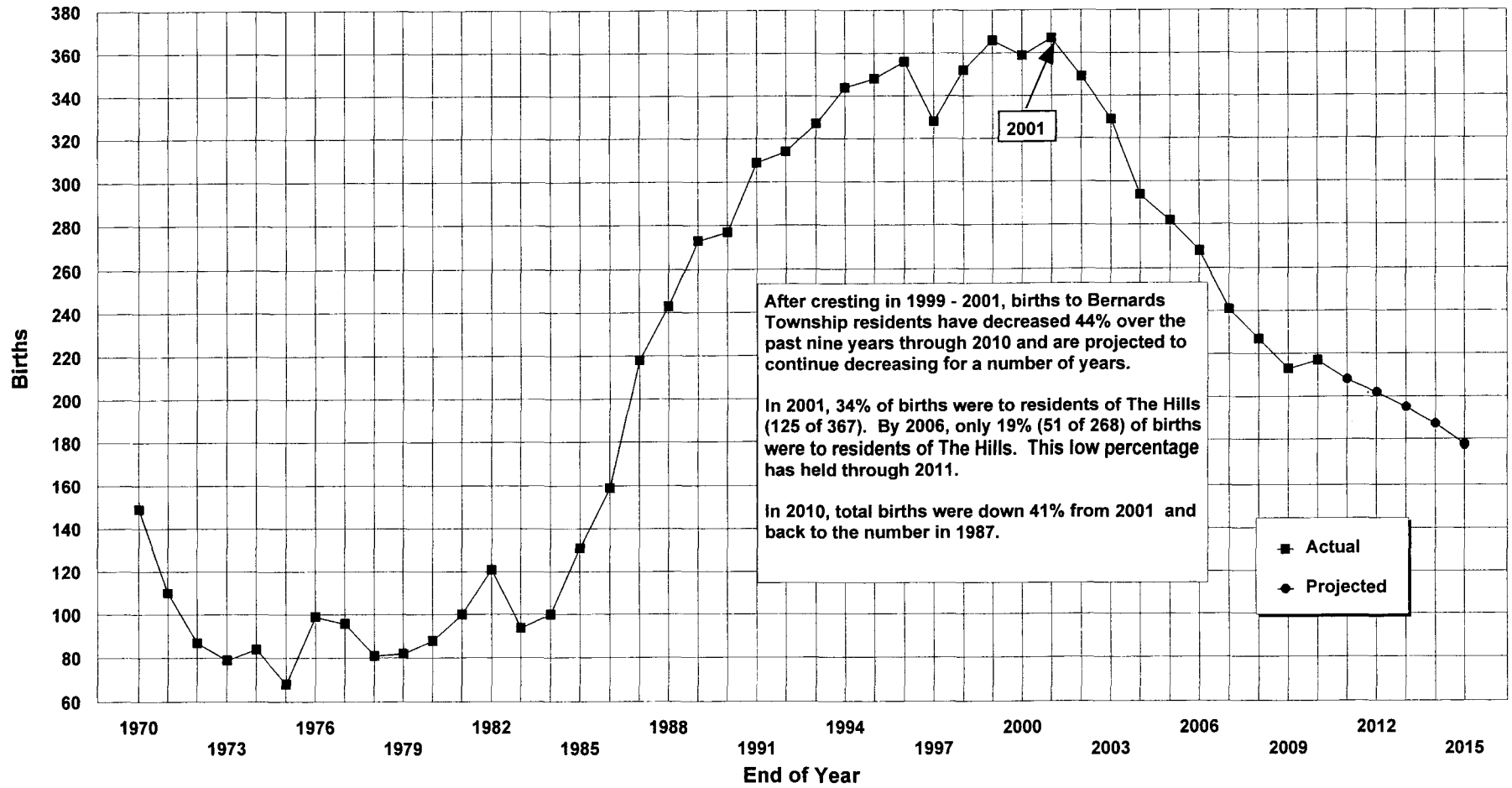
Table 1

**Bernards Township Neighborhood School Students
Students, Grades K - 5**

Elementary Schools		'06 - '07	'07 - '08	'08 - '09	'09 - '10	'10 - '11	'11 - '12	'12 - '13	'13 - '14	'14 - '15	'15 - '16
Oak Street	K	104	88	91	109	86	96	71	68	53	58
	1	88	118	87	95	116	86	101	75	72	56
	2	98	94	117	89	104	121	88	104	77	74
	3	105	105	92	121	95	108	123	91	106	80
	4	99	105	108	94	125	98	110	126	93	108
	5	107	102	109	113	99	123	100	113	128	96
	PALS										
	Self Contained	0									
	Primary Autistic	15									
	Intermed. Autistic	0									
	Total	616	612	604	621	625	632	595	576	530	472
	Capacity, Actual (90% Statistical)	576	576	576	576	576	576	576	576	576	578
	Capacity, Actual with EonC	617	617	617	617	617	617	617	617	617	617
	Gwth Potential, Actual w/o EonC	(40)	(36)	(28)	(45)	(49)	(56)	(19)	(0)	46	104
Cedar Hill	K	71	79	85	90	78	77	70	63	64	55
	1	83	77	87	95	97	83	84	77	69	70
	2	104	90	82	91	94	96	86	87	80	72
	3	109	106	94	90	94	103	99	89	90	83
	4	97	109	108	97	95	96	106	102	92	93
	5	108	101	111	112	104	102	99	109	105	95
	Self Contained, K-5 (LLD 1&2)	14	13	14	16	18	21	16	16	16	16
	PEACH										
	PALS prior to '08; Now PALS 1/2 Day	26									
	Preschool Autistic	17	8								
	Primary Autistic 1 & 2			21	18	28	18	28	28	28	28
	Multiple Disabled		3	4			0	4	4	4	4
	Total	629	586	606	609	608	596	592	575	548	516
	Capacity, Actual (90% Statistical)	641	641	641	641	641	641	641	641	641	641
	Capacity, Actual with EonC	724	724	724	724	724	724	724	724	724	724
	Gwth Potential, Actual w/o EonC	12	55	35	32	33	45	49	66	93	125
Liberty Corner	K	81	85	87	86	77	85	73	58	65	74
	1	87	86	93	92	83	85	95	81	65	73
	2	94	83	93	93	94	89	88	97	84	68
	3	102	92	94	96	89	98	92	91	100	87
	4	99	107	97	101	97	93	101	95	94	103
	5	102	100	115	94	100	84	96	104	98	97
	Self Cont.Spec.Ed. (LLD 1,2&3)	22	21	28	25	21	21	28	28	28	28
	PEACH	21									
	Primary Autistic	6									
	Intermediate Autistic		11								
	Total	614	585	607	587	561	565	572	555	534	530
	Capacity, Actual (90% Statistical)	552	552	552	552	552	552	552	552	552	552
	Capacity, Actual with EonC	614	614	614	614	614	614	614	614	614	614
	Gwth Potential, Actual w/o EonC	(62)	(33)	(55)	(35)	(9)	(13)	(20)	(3)	18	22
Mt. Prospect	K	97	99	91	92	93	85	84	80	80	80
	1	112	103	104	99	99	93	92	91	86	86
	2	144	114	108	106	107	101	94	93	92	87
	3	129	149	117	115	106	109	102	95	94	93
	4	115	126	153	116	115	111	110	103	96	95
	5	117	115	124	159	117	117	112	111	104	97
	Primary Autistic/Multiple Dis.		9	6	5	12	10	6	6	6	6
	Intermediate Autistic										
	Full-Day Presch., Disabilities			17	16	11	18	18	18	18	18
	Half-Day Presch., Disabilities			22	17	18	14	18	18	18	18
	Preschool Pale 1, 2 & 3		21	26	24	30	32	26	26	26	26
	PEACH		25								
	Total	714	761	768	749	708	690	618	597	577	563
	Capacity, Actual (90% Statistical)	562	756	756	756	756	756	756	756	756	756
	Capacity, Actual with EonC	625	819	819	819	819	819	819	819	819	819
	Gwth Potential, Actual w/o EonC	(152)	(5)	(12)	7	48	66	138	159	179	193
Total Students in Neighborhood Schools											
		'06 - '07	'07 - '08	'08 - '09	'09 - '10	'10 - '11	'11 - '12	'12 - '13	'13 - '14	'14 - '15	'15 - '16
Total for all	K	353	351	354	377	334	343	298	269	262	267
Grades K - 5	1	370	384	379	381	395	347	372	324	292	285
	2	440	381	372	379	399	407	356	381	333	302
	3	445	452	426	422	384	418	416	366	391	343
	4	410	447	452	408	432	398	427	426	375	400
	5	434	418	463	478	420	436	407	437	435	385
	Spec. Edu.	121	111	138	121	138	134	144	144	144	144
	Total	2,573	2,544	2,584	2,566	2,502	2,483	2,422	2,347	2,233	2,125
	Capacity, Actual (90% Statistical)	2,331	2,525	2,525	2,525	2,525	2,525	2,525	2,525	2,525	2,525
	Capacity, Actual with EonC	2,580	2,774	2,774	2,774	2,774	2,774	2,774	2,774	2,774	2,774
	Gwth Potential with EonC	7	230	190	208	272	291	353	428	542	649
	Gwth Potential, Actual w/o EonC	(242)	(19)	(59)	-41	23	42	103	178	292	400

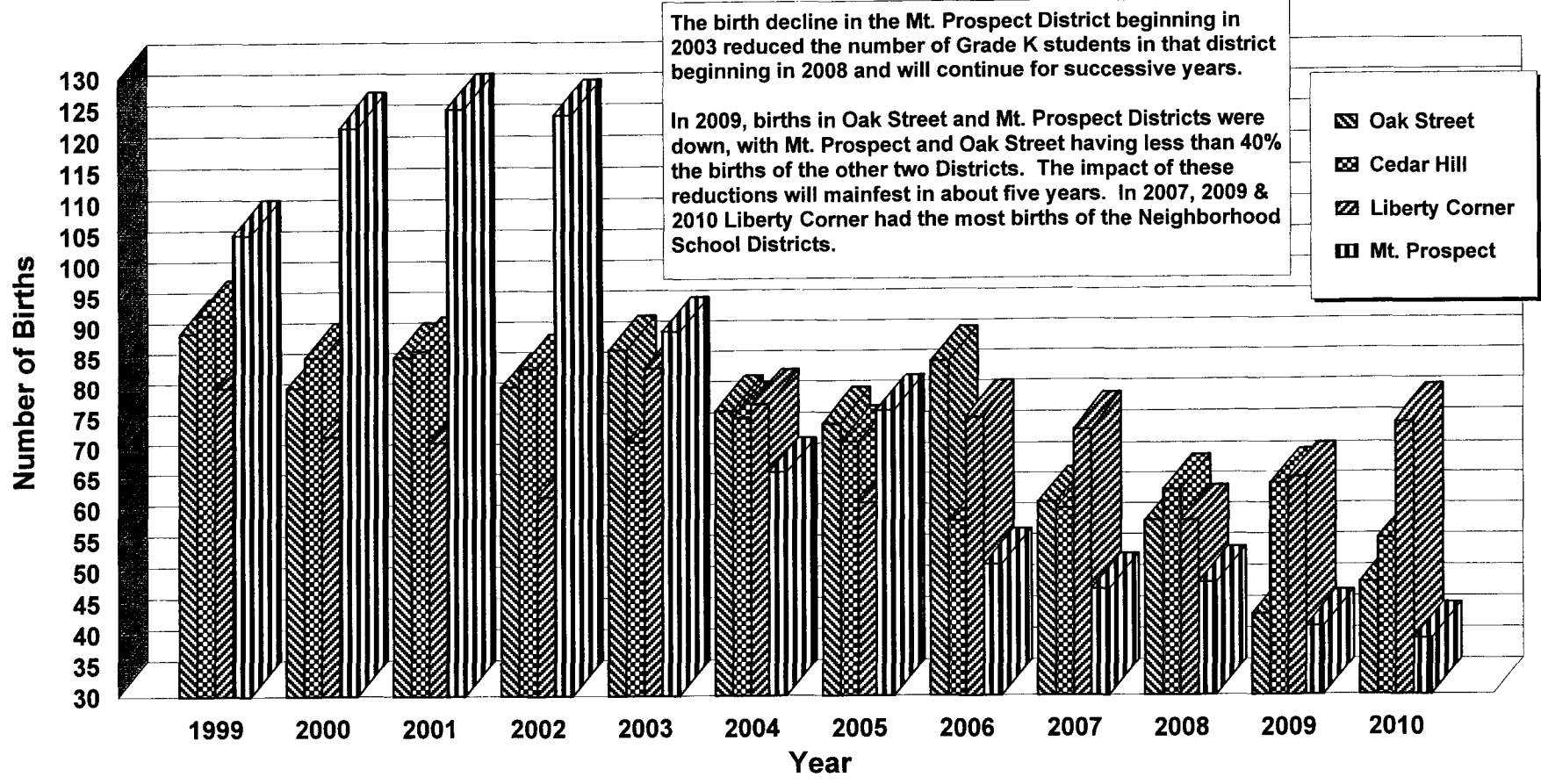
Table 2

Bernards Township Births To Parents Residing In Bernards Township

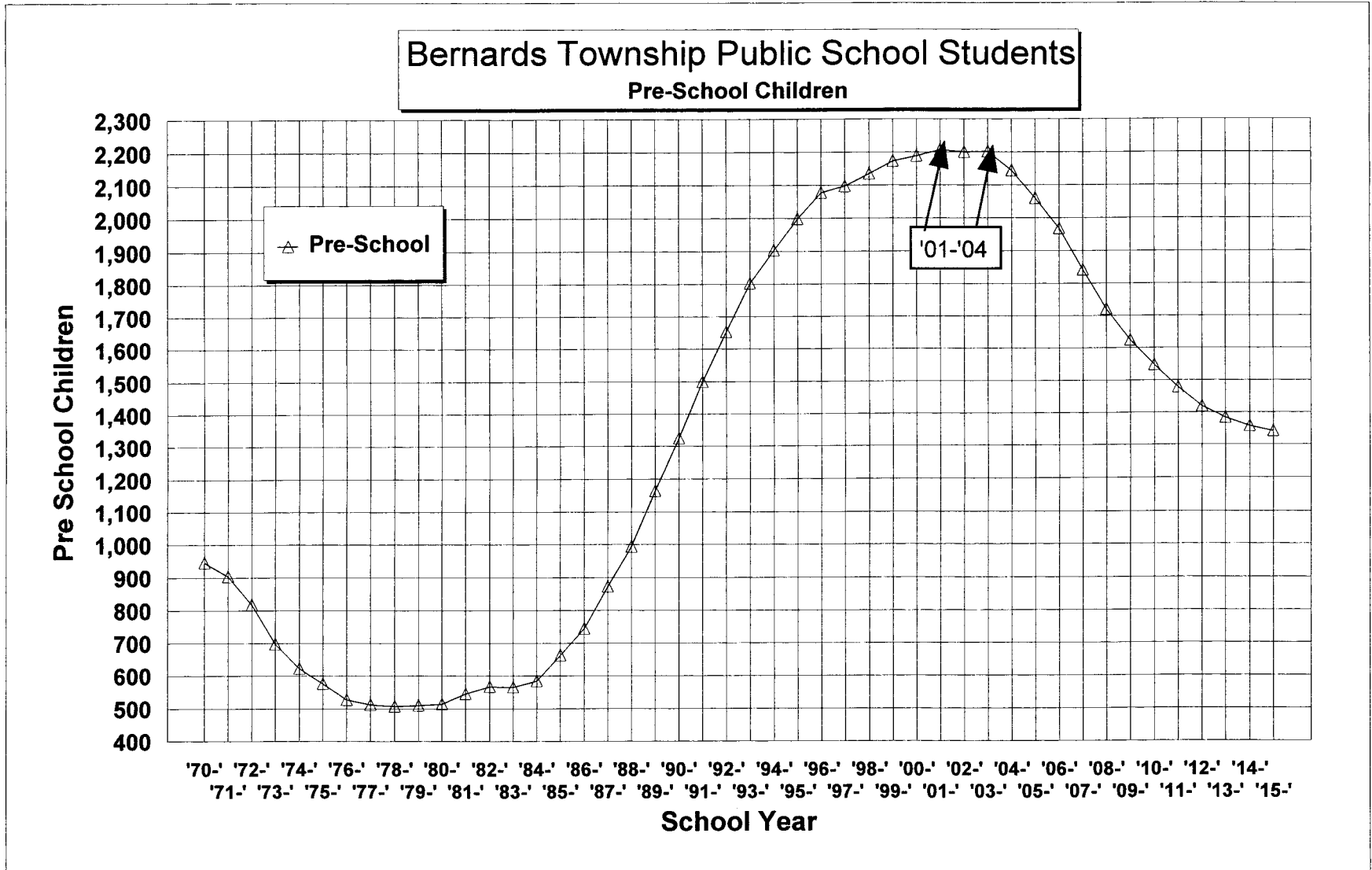


Graph 1A

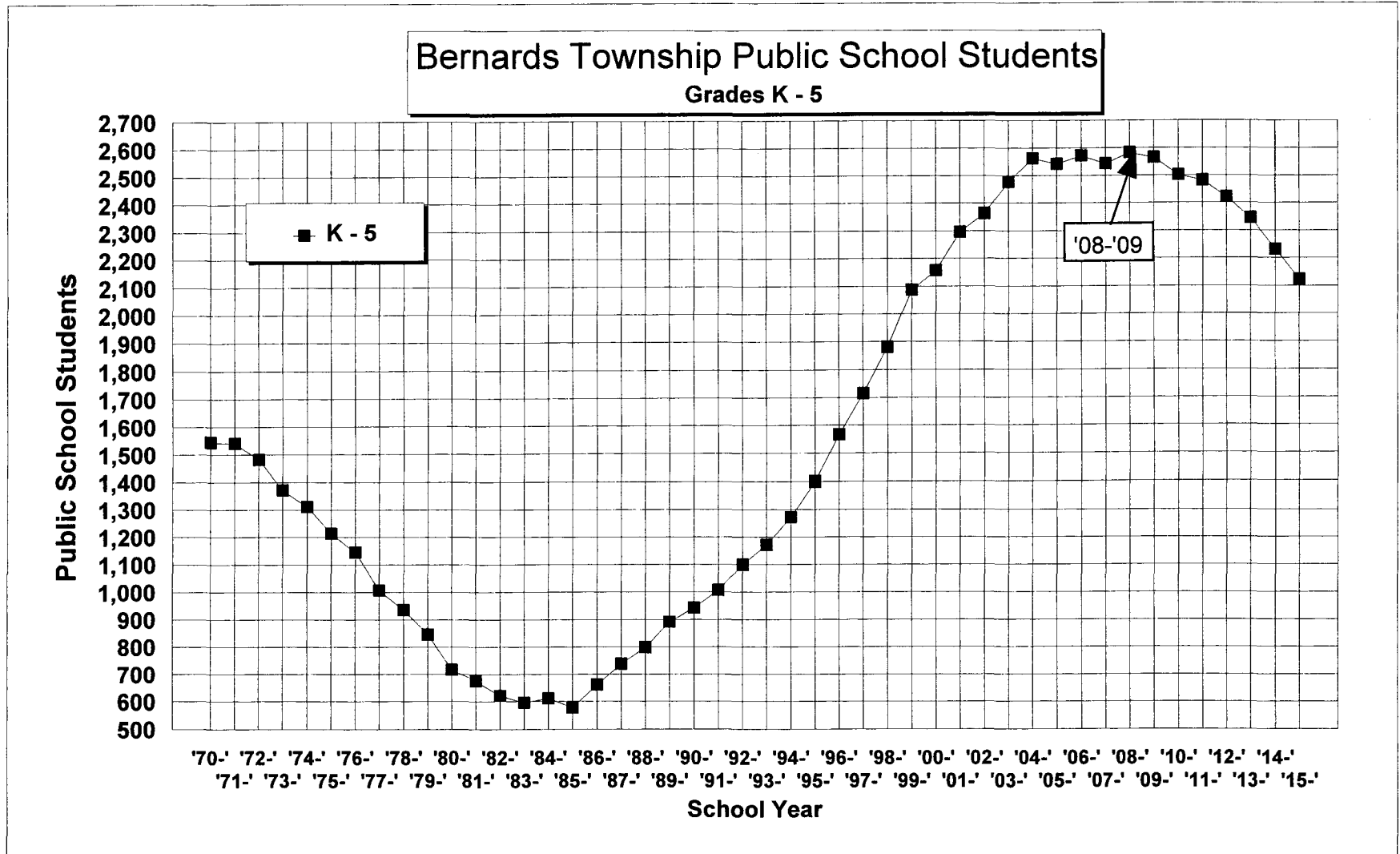
Bernards Township Births Births in Neighborhood School Districts



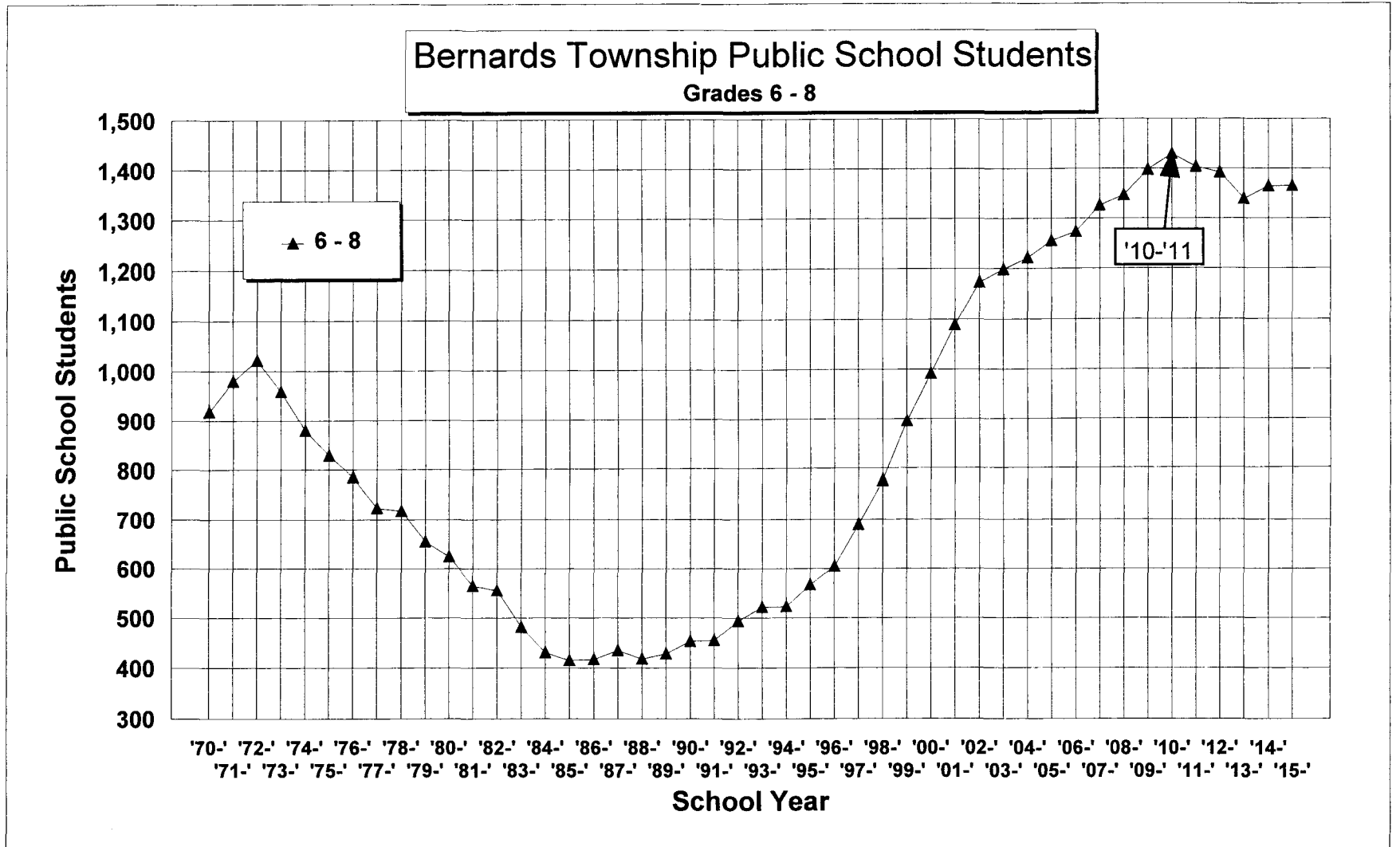
Graph 1B



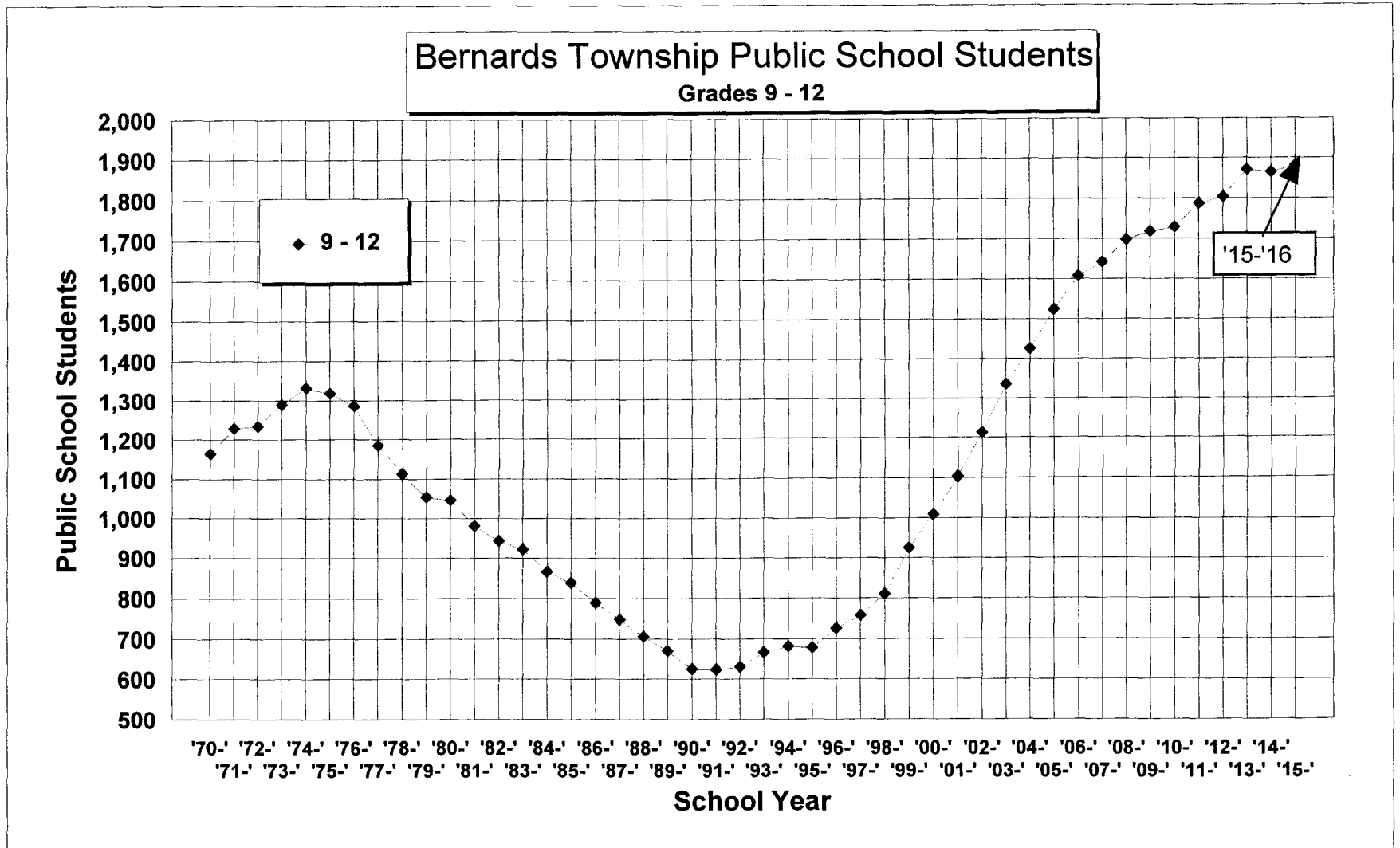
Graph 2



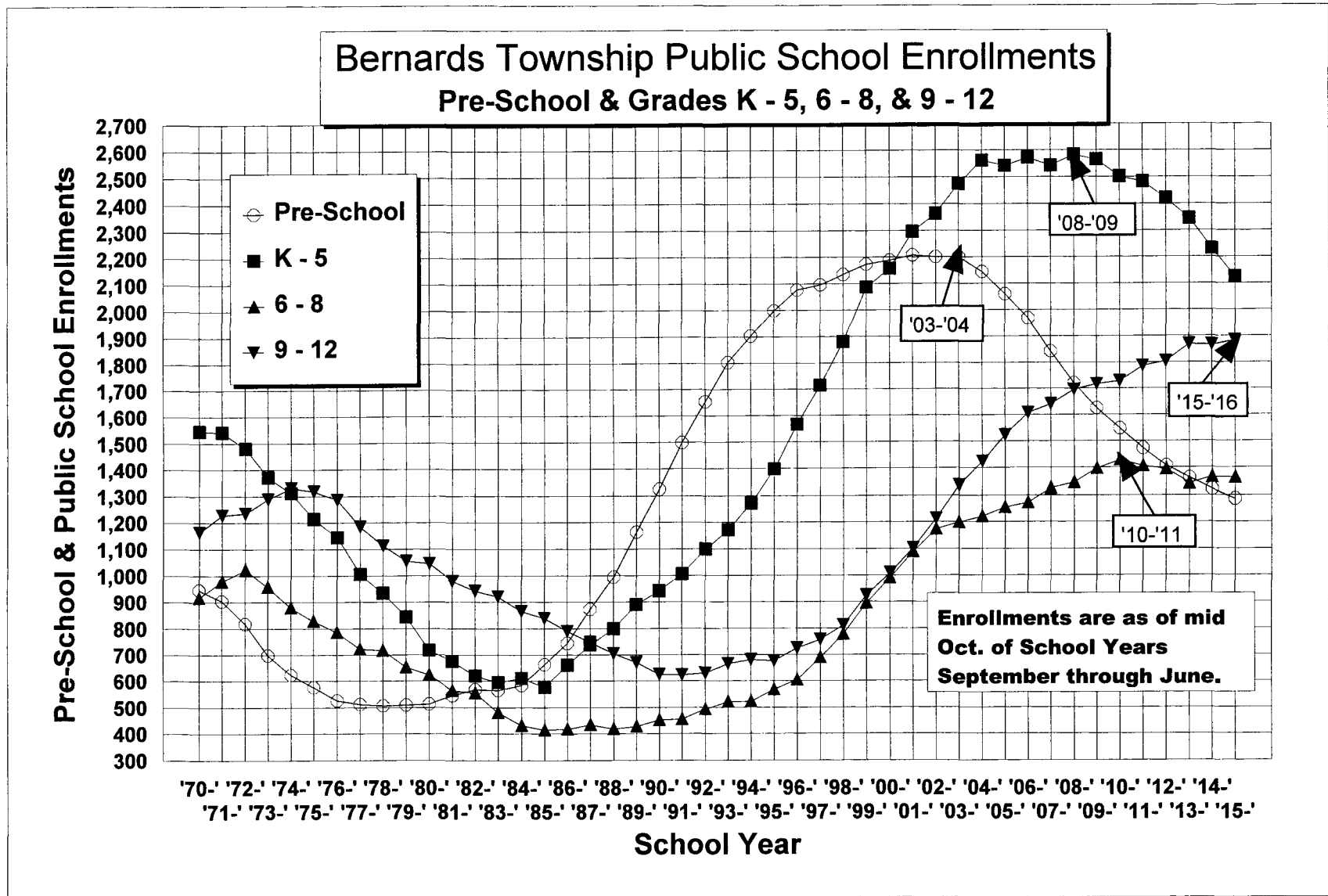
Graph 3



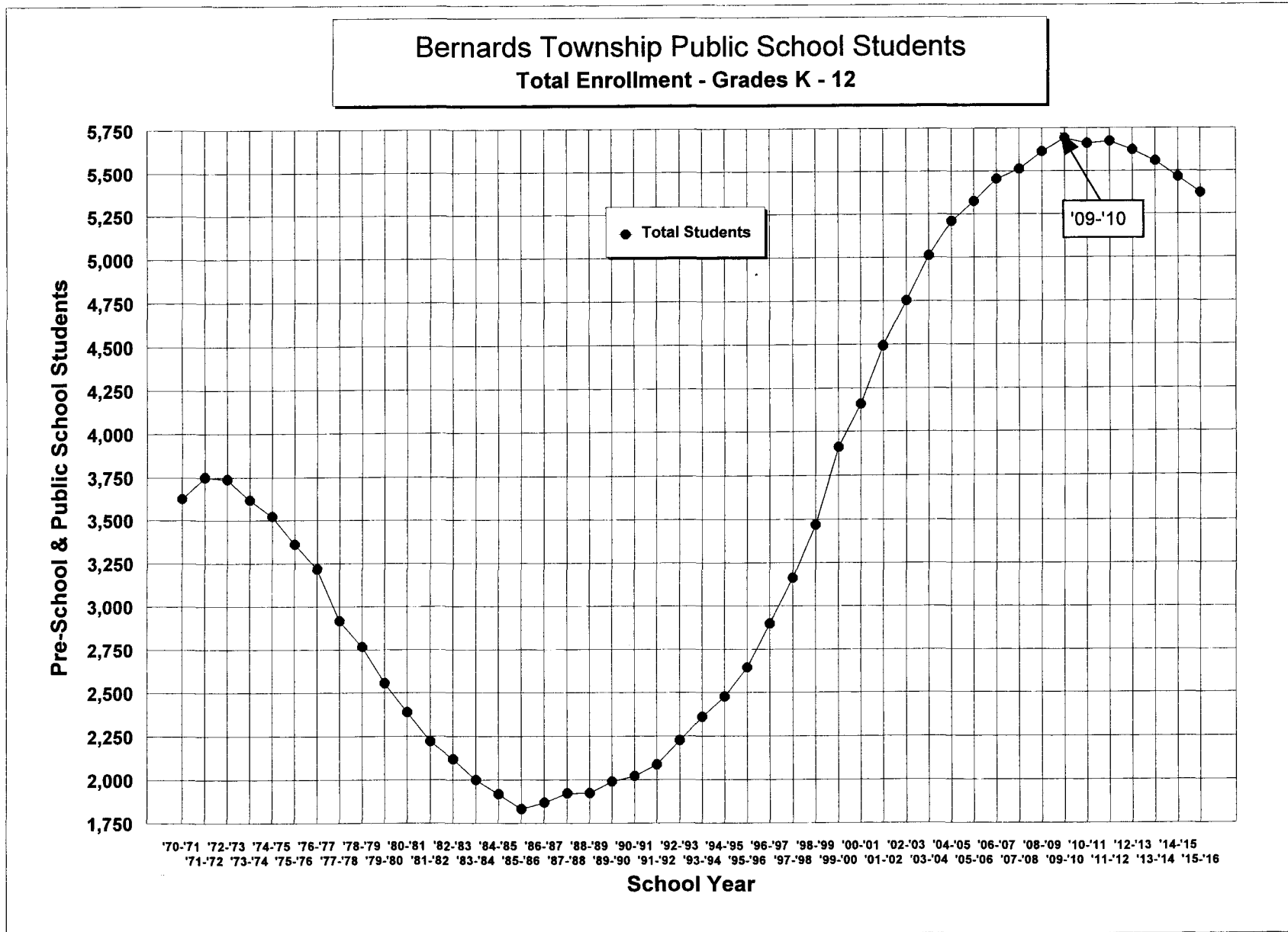
Graph 4



Graph 5



Graph 6



Graph 7