

Barrington Public Schools



Enrollment Report FY2017-2018

December 15, 2016



FY17-18 Enrollment Report

There are several assumptions used when NESDEC is preparing projections such as birth rates, demands on housing market, short term economic conditions and changes in the interest rates. Furthermore, projections beyond five years become less reliable as other factors can influence enrollment.

The District's FY18 projected enrollment is based on the actual number of registered students in grades K-12 with consideration of anticipated summer enrollment. Barrington historically experiences changes in student enrollment during the summer as a result of new families relocating to Barrington or families moving out of the area. It is very difficult to predict enrollment by schools early in the budget process.



Last year the District hired Cropper GIS to conduct an enrollment forecast for the next 10 years. In conjunction with Jerome McKibben, Ph.D of McKibben Demographic Research their analysis and research concluded Barrington has a unique in-migration of families from year to year.

The FY16-17 current enrollment included in this presentation is based on a snapshot as of December 8, 2016.



Factors that could Impact Enrollment

- Birth Rate
 - Currently RI is Trending down
- Economic Conditions
 - Interest Rates
 - Unemployment rates
- House Sales
 - Existing homes
 - New Construction



Housing Development Projects

Housing Development	Units	Configuration	Enrollment Factors 1.4 Student/unit	Est Construction Date	Est Completion Date
Zion Bible (55+ age restriction)	35	Senior cottages (1-2 bedrooms)		2017	2019
Zion Bible (Phase 1) (55+ age restriction)	50	Assisted Living Units		2017	2018
Zion Bible (Phase 1) (55+ age restriction)	158	Senior Apartments (Independent Living Units) (Studio-2-bedroom)		2017	2018
Zion Bible (Phase 2) (55+ age restriction)	24			2018	2019
Sowams (Palmer Point)	30	2 -3 bedrooms	42	2016	2017
Sowams (Palmer Point)	10	1 bedroom		2016	2017
Bluemead Subdivision (Chachaoacassett/Beach)	3	single family/duplex	4.2	2016	2016
	8	single family	11.2	2016	2017
Fox Run subdivision (Seaview/River Oaks)	5	single family	7	2016	2017
Lavin's (Narragansett)	10	single family	14	2014	2017
Primrose Hill Road	2	single family	2.8		
		Project Enrollment	85.4		



Barrington, RI Historical Enrollment

School District: Barrington, RI

11/7/2016

Historical Enrollment By Grade																			
Birth Year	Births	School Year	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	UNGR	K-12	PK-12
2001	165	2006-07	17	196	281	230	238	259	259	261	298	303	295	298	243	286	13	3460	3477
2002	166	2007-08	17	199	239	288	232	245	265	264	267	304	309	288	296	235	37	3468	3485
2003	172	2008-09	23	185	253	250	283	238	232	268	272	265	299	296	280	284	38	3443	3466
2004	146	2009-10	23	185	243	263	258	288	249	237	273	289	257	303	297	276	40	3438	3461
2005	155	2010-11	37	177	241	255	277	266	294	255	235	288	277	265	302	297	38	3467	3504
2006	135	2011-12	29	176	229	245	258	283	264	297	255	238	281	281	259	305	0	3371	3400
2007	117	2012-13	27	179	223	232	257	272	295	258	294	260	227	279	269	255	0	3300	3327
2008	114	2013-14	21	163	234	250	240	252	274	295	258	297	256	225	281	272	0	3297	3318
2009	100	2014-15	17	175	203	237	259	249	250	263	297	259	300	252	213	290	0	3247	3264
2010	103	2015-16	23	183	221	223	255	267	258	258	280	303	263	294	253	217	0	3275	3298
2011	90	2016-17	24	198	202	231	231	266	271	259	254	279	305	259	294	257	0	3306	3330

Historical Enrollment in Grade Combinations									
Year	K-3	K-5	4-5	K-8	5-8	6-8	7-8	7-12	9-12
2006-07	945	1463	518	2325	1121	862	601	1723	1122
2007-08	956	1468	510	2303	1100	835	571	1699	1128
2008-09	971	1441	470	2246	1037	805	537	1686	1159
2009-10	949	1486	537	2265	1028	779	542	1675	1133
2010-11	950	1510	560	2288	1072	778	523	1664	1141
2011-12	908	1455	547	2245	1054	790	493	1619	1126
2012-13	891	1458	567	2270	1107	812	554	1584	1030
2013-14	887	1413	526	2263	1124	850	555	1589	1034
2014-15	874	1373	499	2192	1069	819	556	1611	1055
2015-16	882	1407	525	2248	1099	841	583	1610	1027
2016-17	862	1399	537	2191	1063	792	533	1648	1115

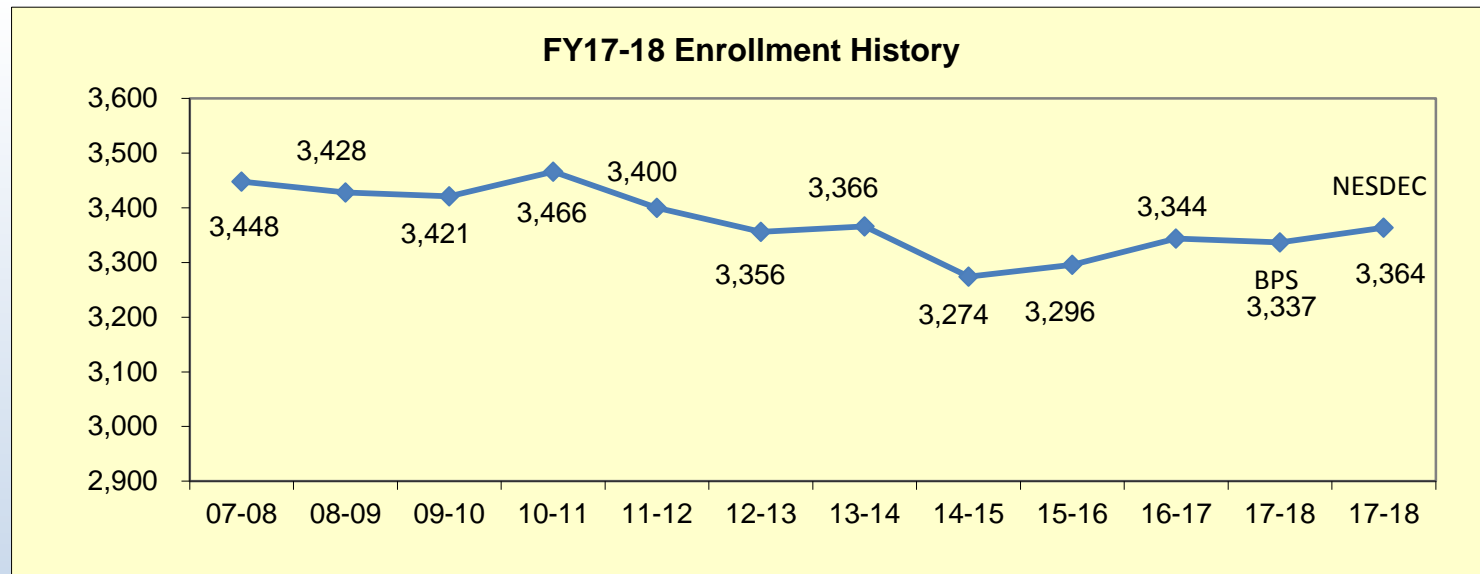
Historical Percentage Changes			
Year	K-12	Diff.	%
2006-07	3460	0	0.0%
2007-08	3468	8	0.2%
2008-09	3443	-25	-0.7%
2009-10	3438	-5	-0.1%
2010-11	3467	29	0.8%
2011-12	3371	-96	-2.8%
2012-13	3300	-71	-2.1%
2013-14	3297	-3	-0.1%
2014-15	3247	-50	-1.5%
2015-16	3275	28	0.9%
2016-17	3306	31	0.9%
Change	-154		-4.5%

Enrollment History



Barrington Public Schools

GRADE	Historical Data										BPS #	NESDEC
	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	17-18
Pre-K to 3	975	994	972	987	937	931	926	896	918	897	896	925
4 - 5	510	470	537	560	547	574	537	502	521	539	512	510
6 - 8	835	805	779	778	790	813	866	823	840	794	791	791
9 - 12	1128	1159	1133	1141	1126	1038	1037	1053	1017	1114	1138	1138
TOTAL	3448	3428	3421	3466	3400	3356	3366	3274	3296	3344	3337	3364



Source: RI Department Education EOY Enrollment Data, ASPEN (District SIS) 12-8-2016



Barrington, RI Projected Enrollment

School District: Barrington, RI

11/7/2016

Enrollment Projections By Grade*																				
Birth Year	Births		School Year	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	UNGR	K-12	PK-12
2011	90		2016-17	24	198	202	231	231	266	271	259	254	279	305	259	294	257	0	3308	3330
2012	105		2017-18	25	205	240	213	242	240	270	271	264	256	282	300	255	301	0	3339	3364
2013	99		2018-19	26	193	248	253	223	251	243	270	276	266	259	277	295	261	0	3315	3341
2014	106		2019-20	27	207	234	261	265	231	255	243	275	278	269	255	272	302	0	3347	3374
2015	111	(prov.)	2020-21	28	216	250	246	274	275	234	255	248	277	281	264	251	278	0	3349	3377
2016	102	(est.)	2021-22	29	199	261	263	258	284	279	234	260	250	280	276	260	257	0	3361	3390
2017	105	(est.)	2022-23	30	204	241	275	276	268	288	279	238	262	253	275	271	266	0	3396	3426
2018	105	(est.)	2023-24	31	204	247	254	289	286	272	288	284	240	265	249	270	277	0	3425	3456
2019	106	(est.)	2024-25	32	206	247	260	267	300	290	272	293	286	243	261	245	276	0	3446	3478
2020	106	(est.)	2025-26	33	206	249	260	273	277	304	290	277	295	289	239	257	250	0	3466	3499
2021	105	(est.)	2026-27	34	204	249	262	273	283	281	304	295	279	298	284	235	263	0	3510	3544

*Projections should be updated on an annual basis in order to reflect changes in births, real estate sales, in-/out-migration of families, and housing construction.

Based on an estimate of births

Based on children already born

Based on students already enrolled

Projected Enrollment in Grade Combinations*									
Year	K-3	K-5	4-5	K-8	5-8	6-8	7-8	7-12	9-12
2016-17	862	1399	537	2191	1063	792	533	1648	1115
2017-18	900	1410	510	2201	1061	791	520	1658	1138
2018-19	917	1411	494	2223	1055	812	542	1634	1092
2019-20	967	1453	486	2249	1051	796	553	1651	1098
2020-21	986	1495	509	2275	1014	780	525	1599	1074
2021-22	981	1544	563	2288	1023	744	510	1583	1073
2022-23	996	1552	556	2331	1067	779	500	1565	1065
2023-24	994	1552	558	2364	1084	812	524	1585	1061
2024-25	980	1570	590	2421	1141	851	579	1604	1025
2025-26	988	1569	581	2431	1166	862	572	1607	1035
2026-27	988	1552	564	2430	1159	878	574	1654	1080

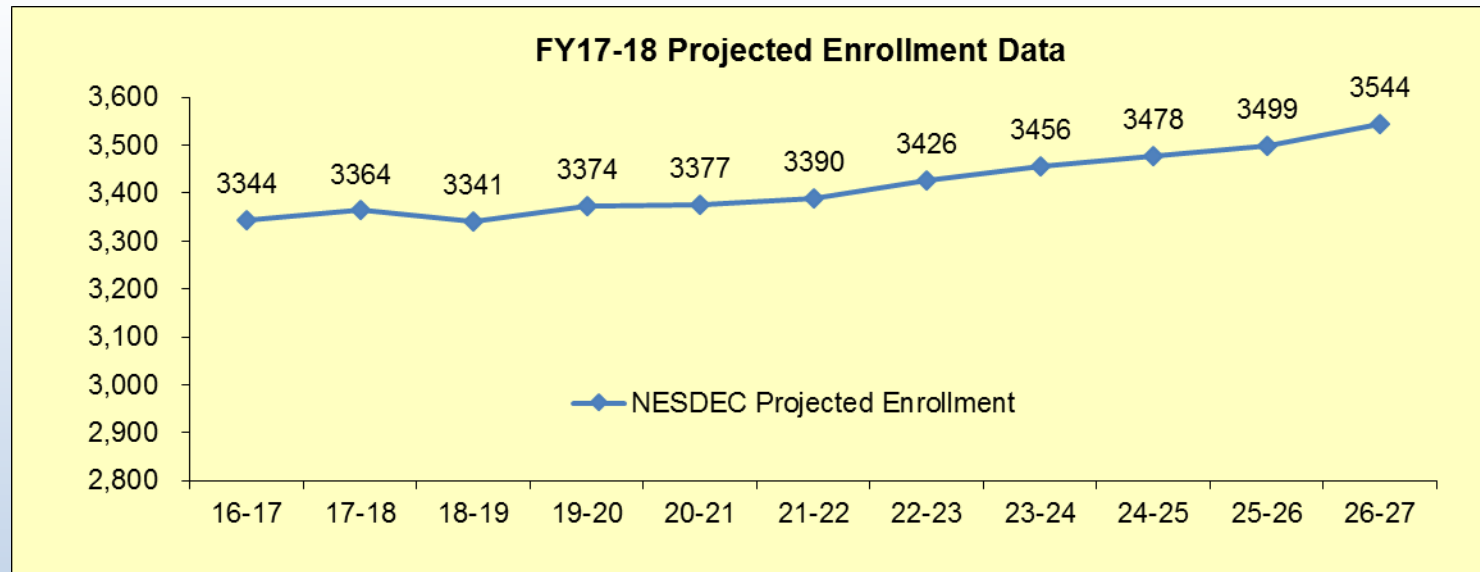
Projected Percentage Changes			
Year	K-12	Diff.	%
2016-17	3306	0	0.0%
2017-18	3339	33	1.0%
2018-19	3315	-24	-0.7%
2019-20	3347	32	1.0%
2020-21	3349	2	0.1%
2021-22	3361	12	0.4%
2022-23	3396	35	1.0%
2023-24	3425	29	0.9%
2024-25	3446	21	0.6%
2025-26	3466	20	0.6%
2026-27	3510	44	1.3%
Change	204		6.2%

NESDEC Projected Enrollment 10/2016



Barrington Public Schools

	NESDEC Projected Enrollment										
GRADE	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	25-26	26-27
Pre-K to 3 *	897	925	943	994	1014	1010	1026	1025	1012	1021	1022
4 - 5	539	510	494	486	509	563	556	558	590	581	564
6 - 8	794	791	812	796	780	744	779	812	851	862	878
9 - 12	1114	1138	1092	1098	1074	1073	1065	1061	1025	1035	1080
TOTAL	3344	3364	3341	3374	3377	3390	3426	3456	3478	3499	3544





Barrington Public Schools

ELEMENTARY CLASS SIZES						
	SOWAMS		NAYATT		PRIMROSE HILL	
Grade	16-17	17-18	16-17	17-18	16-17	17-18
Preschool					29	23
All Day Kindergarten	20	20	20	20	20	21
	20	20	20	20	20	21
	21	21	20	20	20	21
			20	21		
Total ADK	61	61	80	81	60	63
One	14	21	20	20	24	23
	16	21	20	20	25	23
	16	22	21	20	25	23
			22	20		
Total Grade One	46	64	83	80	74	69
Two	21	16	21	21	19	19
	21	17	23	22	19	20
	22	17	24	22	19	20
			24	22	19	20
Total Grade Two	64	50	92	87	76	79
Three	24	22	23	22	21	19
	24	22	23	24	21	20
	25	22	24	24	22	20
			25	24		20
Total Grade Three	73	66	95	94	64	79
Totals	244	241	350	342	303	313

Total by Grade		
16-17	17-18	17-18
29	23	25
		NESDEC
201	205	205
		NESDEC
203	213	240
		NESDEC
232	216	213
		NESDEC
232	239	242
897	896	925

NESDEC Projected Enrollment											
GRADE	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	25-26	26-27
Pre-K to 3 *	897	925	943	994	1014	1010	1026	1025	1012	1021	1022



Hampden Meadows					
	16-17	17-18		16-17	17-18
Grade 4	24	22	Grade 5	24	24
	24	22		24	24
	24	22		24	24
	24	22		25	24
	24	22		25	24
	24	22		25	25
	24	22		25	25
	24	22		25	25
	25	22		25	25
	25	22		25	25
	25	22		25	25
Total Grade 4	267	242	Total Grade 5	272	270
Totals				539	512

NESDEC Projected Enrollment											
GRADE	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	25-26	26-27
4 - 5	539	510	494	486	509	563	556	558	590	581	564



Barrington Public Schools

Middle School				
	16-17		17-18	
Grade 6	Size	Ave	Size	Ave
Three Teacher Team	71	23.7	74	25.0
Four Teacher Team	95	23.8	99	24.8
Four Teacher Team	<u>95</u>	23.8	<u>98</u>	24.5
	261		271	
Grade 7				
Three Teacher Team	69	23.0	72	24.0
Four Teacher Team	92	23.0	96	24.0
Four Teacher Team	<u>92</u>	23.0	<u>96</u>	24.0
	253		264	
Grade 8				
Four Teacher Team	93	23.3		
Three Teacher Team			70	23.3
Four Teacher Team	93	23.3	93	23.3
Four Teacher Team	<u>94</u>	23.5	<u>93</u>	23.3
	280		256	
Total	794		791	

NESDEC Projected Enrollment											
GRADE	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	25-26	26-27
6 - 8	794	791	812	796	780	744	779	812	851	862	878



High School		
	16-17	17-18
Grade 9	305	282
Grade 10	260	300
Grade 11	293	255
Grade 12	256	301
	1114	1138

NESDEC Projected Enrollment											
GRADE	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	25-26	26-27
9 - 12	1114	1138	1092	1098	1074	1073	1065	1061	1025	1035	1080



Enrollment projections are used to guide administration when developing the Comprehensive FY17-18 Budget.

Staffing needs may be adjusted as late as August due to changes in enrollment which occurs during June through August.

During the budget process we will continue to provide updates on the status of current enrollment.



Barrington Public Schools

Questions