

Barrington Public Schools



Enrollment Report FY 2018-2019

December 14, 2017



FY18-19 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 FY19 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.



FY18-19 Enrollment Report

Additionally, from the McKibben Demographic Research Report (2015) we noted that when a school district brings a new facility on line, (particularly if it is replacing an aged and out of date facility) the district will tend to experience a short term spike in enrollment at the new building. This is particularly true for new middle schools and high schools. In most cases, the new facility will see a 3 to 5% increase in enrollment the year the facility is opened, with much smaller increases the immediate preceding and following years.



Factors that could Impact Enrollment

- Birth Rate
 - Currently RI is Trending down
- Economic Conditions
 - Interest Rates
 - Unemployment rates
- House Sales
 - Existing homes
 - New Construction (106.4 additional students projected through 2021)

FY17-18 current enrollment included in this presentation is based on a snapshot as of November 28, 2017.

Housing Development Projects



Housing Development	Units	Configuration	Students Impact (1.4/unit)	Est. Const. Date	Est. Comp. Date
Zion Bible (55+ age restriction)	35	Senior Cottages (1-2 bedrooms)	N/A	2019	2021
Zion Bible (Phase 1) (55+ age restriction)	50	Assisted living units	N/A	2019	2020
Zion Bible (Phase 1) (55+ age restriction)	158	Senior Apartments (independent Living/Studio 2-bedroom)	N/A	2019	2021
Zion Bible (Phase 2) (55+ age restriction)	24	Senior Apartments (independent Living/Studio 2-bedroom)	N/A	2020	2020
Sowams (Palmer Point)	30	2-3 bedroom	42	2018	2019
Sowams (Palmer Point)	10	1 bedroom	N/A	2018	2019
Bluemead Subdivision	11	single family/duplex and single family	15.4	2018	2018
Fox Run subdivision (Seaview/River Oaks)	5		7	2018	2018
Residences at the Preserve	24 (est.)	2-3 bedrooms	33.6	2019	2020
Sweetbriar	6	3 bedrooms	8.4	2018	2018



Barrington, RI Historical Enrollment

School District: Barrington, RI

11/20/2017

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
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	232	268	272	265	299	296	280	284	38	3443	3466	
2004	146	2009-10	23	185	243	263	258	288	249	237	273	269	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	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
2012	105	2017-18	26	194	215	217	237	247	275	261	274	247	281	312	254	297	0	3311	3337

Historical Enrollment in Grade Combinations									
Year	K-3	K-5	4-5	K-8	5-8	6-8	7-8	7-12	9-12
2007-08	958	1468	510	2303	1100	835	571	1699	1128
2008-09	971	1441	470	2246	1037	805	537	1696	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
2017-18	863	1385	522	2167	1057	782	521	1665	1144

Historical Percentage Changes			
Year	K-12	Diff.	%
2007-08	3468	0	0.0%
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%
2017-18	3311	5	0.2%
Change		-157	-4.5%

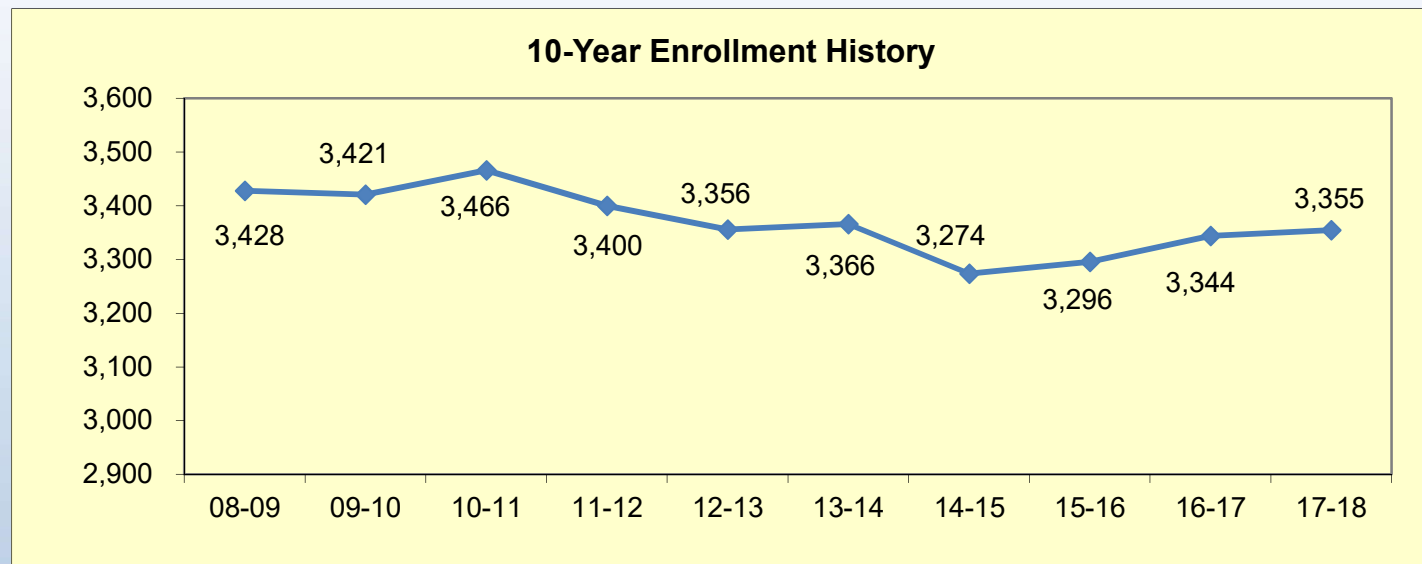
Enrollment History



Barrington Public Schools

GRADE	Historical Data									
	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18
Pre-K to 3	994	972	987	937	931	926	896	918	897	904
4 - 5	470	537	560	547	574	537	502	521	539	522
6 - 8	805	779	778	790	813	866	823	840	794	783
9 - 12	1159	1133	1141	1126	1038	1037	1053	1017	1114	1146
TOTAL	3428	3421	3466	3400	3356	3366	3274	3296	3344	3355

NESDEC Projection	3388	3373	3370	3335	3300	3258	3190	3356	3364
NESDEC vs. Actual	99.0%	97.3%	99.1%	99.4%	98.0%	99.5%	99.4%	100.4%	100.4%



Source: RI Department Education EOY Enrollment Data, ASPEN (District SIS) 11-28-2017



Barrington, RI Projected Enrollment

School District: Barrington, RI

11/20/2017

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
2012	105		2017-18	26	194	215	217	237	247	275	261	274	247	281	312	254	297	0	3311	3337
2013	99		2018-19	27	185	223	230	227	248	254	275	270	273	249	280	310	258	0	3282	3309
2014	106		2019-20	28	191	213	239	241	238	255	254	285	269	276	248	279	315	0	3303	3331
2015	111		2020-21	29	200	220	228	250	253	245	255	263	284	272	275	247	283	0	3275	3304
2016	114	(prov.)	2021-22	30	205	230	235	238	262	260	245	264	262	287	271	274	251	0	3284	3314
2017	107	(est.)	2022-23	31	193	236	246	246	249	269	260	254	263	265	286	270	278	0	3315	3346
2018	107	(est.)	2023-24	32	193	222	253	257	258	256	269	269	253	266	264	285	274	0	3319	3351
2019	109	(est.)	2024-25	33	196	222	238	265	269	265	256	279	268	255	265	263	289	0	3330	3363
2020	110	(est.)	2025-26	34	197	226	238	249	278	277	265	265	278	271	254	264	267	0	3329	3363
2021	109	(est.)	2026-27	35	197	227	242	249	261	286	277	274	264	281	270	253	268	0	3349	3384
2022	109	(est.)	2027-28	36	195	227	243	253	261	268	286	287	273	267	280	269	257	0	3366	3402

*Projections should be updated annually to reflect changes in in/out-migration of families, real estate sales, residential construction, and births.

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
2017-18	863	1385	522	2167	1057	782	521	1665	1144
2018-19	865	1367	502	2185	1072	818	543	1640	1097
2019-20	884	1377	493	2185	1063	808	554	1672	1118
2020-21	898	1396	498	2198	1047	802	547	1624	1077
2021-22	908	1430	522	2201	1031	771	526	1609	1083
2022-23	921	1439	518	2216	1046	777	517	1616	1099
2023-24	925	1439	514	2230	1047	791	522	1611	1089
2024-25	921	1455	534	2258	1068	803	547	1619	1072
2025-26	910	1465	555	2273	1085	808	543	1599	1056
2026-27	915	1462	547	2277	1101	815	538	1610	1072
2027-28	918	1447	529	2293	1114	846	560	1633	1073

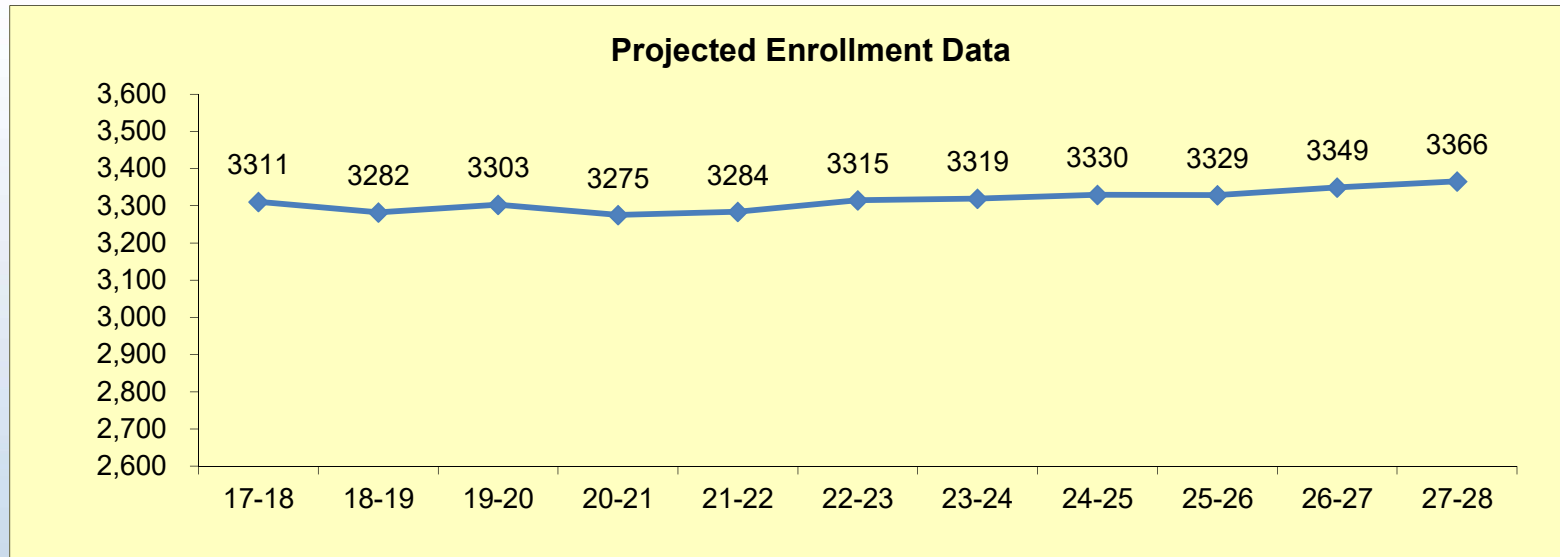
Projected Percentage Changes			
Year	K-12	Diff.	%
2017-18	3311	0	0.0%
2018-19	3282	-29	-0.9%
2019-20	3303	21	0.6%
2020-21	3275	-28	-0.8%
2021-22	3284	9	0.3%
2022-23	3315	31	0.9%
2023-24	3319	4	0.1%
2024-25	3330	11	0.3%
2025-26	3329	-1	0.0%
2026-27	3349	20	0.6%
2027-28	3366	17	0.5%
Change		55	1.7%

NESDEC Projected Enrollment October, 2017



Barrington Public Schools

GRADE	NESDEC Projected Enrollment										
	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	25-26	26-27	27-28
K to 3	863	865	884	898	908	921	925	921	910	915	918
4 - 5	522	502	493	498	522	518	514	534	555	547	529
6 - 8	782	818	808	802	771	777	791	803	808	815	846
9 - 12	1144	1097	1118	1077	1083	1099	1089	1072	1056	1072	1073
TOTAL	3311	3282	3303	3275	3284	3315	3319	3330	3329	3349	3366





Barrington Public Schools

ELEMENTARY CLASS SIZES								
	SOWAMS		NAYATT		PRIMROSE HILL		Total by Grade	
Grade	17-18	18-19	17-18	18-19	17-18	18-19	17-18	18-19
Preschool					27	27		
All Day Kindergarten	19	19	17	17	18	18		
	20	19	17	17	18	18		
	21	19	17	17	18	18		
			16	16	18	18		
Total ADK	60	57	67	67	72	72	199	196
One	21	19	20	17	23	18		
	21	20	20	17	23	18		
	22	21	23	17	23	18		
			21	16		18		
Total Grade One	64	60	84	67	69	72	217	199
Two	18	21	22	20	20	23		
	18	21	19	20	22	23		
	17	22	22	23	18	23		
			23	21	22			
Total Grade Two	53	64	86	84	82	69	221	217
Three	24	18	23	22	25	20		
	24	18	23	19	26	22		
	23	17	23	22	26	18		
			23	23		22		
Total Grade Three	71	53	92	86	77	82	240	221
Totals	248	234	329	304	327	322	877	833

District Enrollment as of 11-28-2017



Barrington Public Schools

HAMPDEN MEADOWS		
	17-18	18-19
Grade 4	22	24
	22	24
	22	24
	22	24
	22	24
	22	24
	22	24
	23	24
	23	24
	23	24
	23	
Total Grade 4	246	240
	17-18	18-19
Grade 5	25	22
	25	22
	25	22
	25	22
	25	22
	25	22
	25	22
	25	23
	25	23
	25	23
	26	23
Total Grade 5	276	246
Totals	522	486

District Enrollment as of 11-28-2017



Barrington Public Schools

Middle School				
	17-18		18-19	
Grade 6	Size	Ave	Size	Ave
Three Teacher Team	71	23.7	80	26.7
Four Teacher Team	95	23.8	98	24.5
Four Teacher Team	<u>95</u>	23.8	<u>98</u>	24.5
	261		276	
Grade 7				
Three Teacher Team	75	25.0	71	23.7
Four Teacher Team	99	24.8	95	23.8
Four Teacher Team	<u>100</u>	25.0	<u>95</u>	23.8
	274		261	
Grade 8				
Three Teacher Team	69	23.0	75	25.0
Four Teacher Team	89	22.3	99	24.8
Four Teacher Team	<u>90</u>	22.5	<u>100</u>	25.0
	248		274	
Total	783		811	

District Enrollment as of 11-28-2017



Barrington Public Schools

High School		
	17-18	18-19
Grade 9	283	274
Grade 10	312	283
Grade 11	252	312
Grade 12	299	252
	1,146	1,121

District Enrollment as of 11-28-2017



Barrington Public Schools

Enrollment projections are used to guide administration when developing the Comprehensive FY18-19 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