



**SAU #41, NH**  
**Consolidated Report**

**School Year 2023-24 Enrollment Projection Report**

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# SAU #41 District Enrollment Summary

NESDEC is pleased to send you this report displaying the past, present, and projected enrollments for your District. It is important to update enrollment projections every year to identify changes in enrollment patterns. Ten-year projections are designed to provide your District with yearly, up-to-date enrollment information that can be used by boards and administrators for effective planning and allocation of resources.

Included in this report are graphs representing historical and projected grade-by-grade enrollments, as well as historical and projected enrollments in grade combinations. We received the enrollment data from the District, and we assume that the method of collecting this data has been consistent from year to year.

Enrollment projections are more reliable in Years #1-4 in the future and less reliable in the “out-years.” Projections six to ten years out may serve as a guide to future enrollments and are useful for planning purposes. In light of this, NESDEC has added a “Spring Update Refresher” enrollment projection at no cost to affiliates. For more information, please refer to the Methodology, Reliability and Use of this Document section.

Over the next three years, Grades K-12 are projected to increase by 148 students.

# Historical Enrollment

School District:

SAU #41 NH - Consolidated

10/25/2023

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
2008	83	2013-14	51	125	154	142	184	189	202	201	204	178	223	203	211	231	0	2447	2498
2009	99	2014-15	47	111	142	173	155	191	196	201	196	208	176	232	196	226	0	2403	2450
2010	82	2015-16	44	109	148	157	174	161	202	204	207	198	209	175	233	195	0	2372	2416
2011	75	2016-17	42	137	145	155	168	190	161	208	209	210	203	209	181	242	0	2418	2460
2012	80	2017-18	30	138	157	156	168	179	196	166	213	207	214	207	211	174	0	2386	2416
2013	76	2018-19	57	146	147	158	164	182	186	204	172	220	211	217	211	221	0	2439	2496
2014	84	2019-20	36	141	161	170	168	173	191	182	209	175	214	212	215	214	0	2425	2461
2015	100	2020-21	28	142	147	165	173	166	174	193	166	214	176	216	212	225	0	2369	2397
2016	104	2021-22	27	158	158	159	176	182	169	183	198	164	211	177	210	227	0	2372	2399
2017	89	2022-23	39	142	184	170	169	172	194	177	187	200	166	201	171	222	0	2355	2394
2018	89	2023-24	47	159	156	187	178	173	176	191	181	194	193	168	205	187	0	2348	2395

\*Birth data provided by Public Health Vital Records Departments in each state.

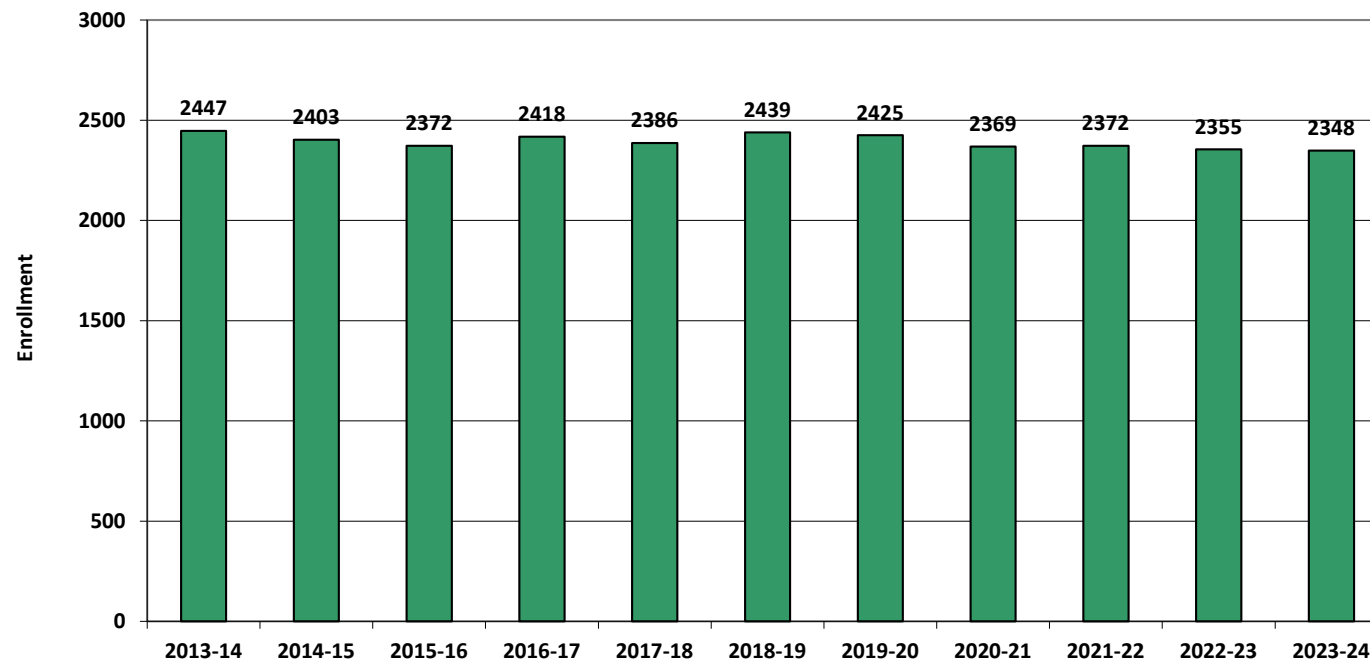
\*\* < 10 Not reported, to protect subgroups with fewer than 10 students.

Historical Enrollment in Grade Combinations									
School Year	PK-3	K-3	4-6	PK-6	K-6	6-8	7-8	7-12	9-12
2013-14	656	605	592	1248	1197	583	382	1250	868
2014-15	628	581	588	1216	1169	605	404	1234	830
2015-16	632	588	567	1199	1155	609	405	1217	812
2016-17	647	605	559	1206	1164	627	419	1254	835
2017-18	649	619	541	1190	1160	586	420	1226	806
2018-19	672	615	572	1244	1187	596	392	1252	860
2019-20	676	640	546	1222	1186	566	384	1239	855
2020-21	655	627	533	1188	1160	573	380	1209	829
2021-22	678	651	534	1212	1185	545	362	1187	825
2022-23	704	665	543	1247	1208	564	387	1147	760
2023-24	727	680	540	1267	1220	566	375	1128	753

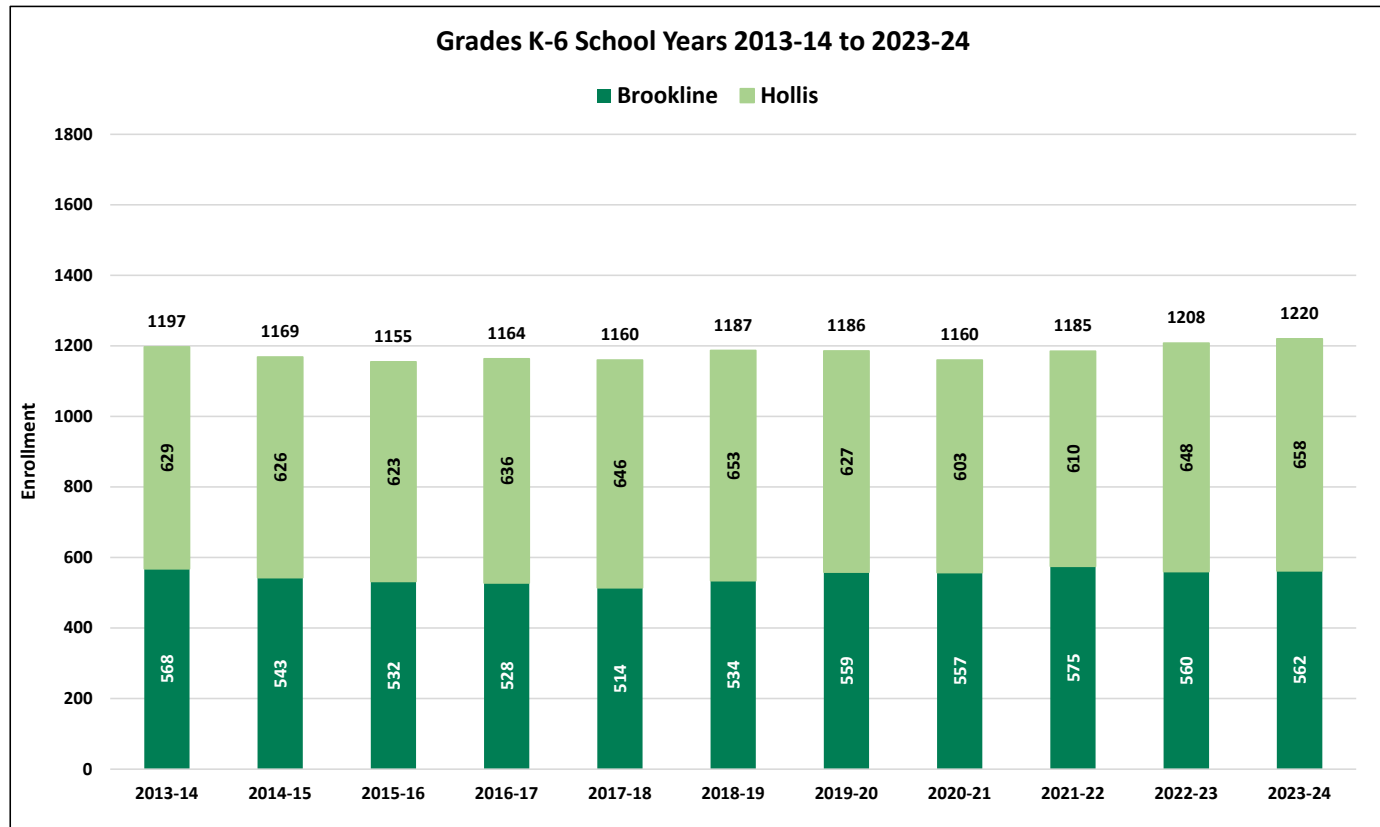
Historical Percentage Changes			
School Year	K-12	Diff.	%
2013-14	2447		
2014-15	2403	-44	-1.8%
2015-16	2372	-31	-1.3%
2016-17	2418	46	1.9%
2017-18	2386	-32	-1.3%
2018-19	2439	53	2.2%
2019-20	2425	-14	-0.6%
2020-21	2369	-56	-2.3%
2021-22	2372	3	0.1%
2022-23	2355	-17	-0.7%
2023-24	2348	-7	-0.3%
Change		-99	-4.0%

## Historical Enrollment

Grades K-12, School Years 2013-14 to 2023-24



# Historical Enrollment By Town



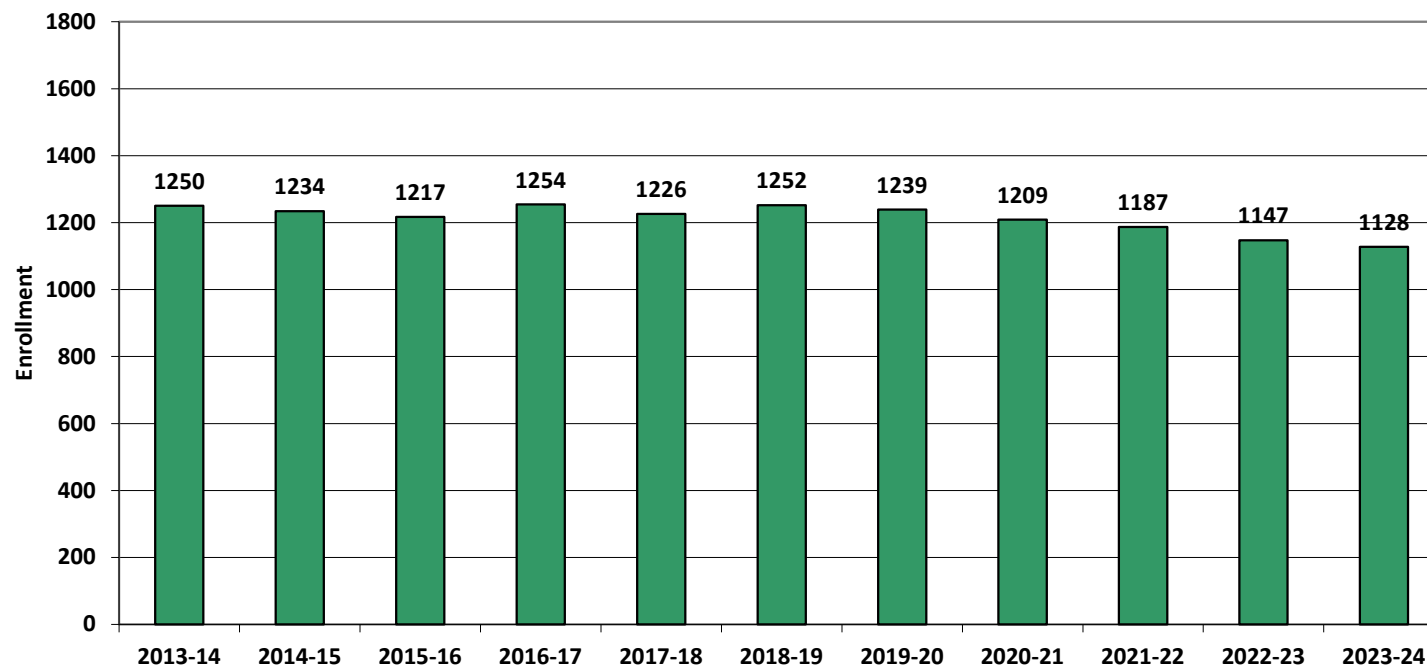
Town	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
Brookline	47%	46%	46%	45%	44%	45%	47%	48%	49%	46%	46%
Hollis	53%	54%	54%	55%	56%	55%	53%	52%	51%	54%	54%

\* percentages rounded



## Historical Enrollment

Grades 7-12, School Years 2013-14 to 2023-24



# Projected Enrollment

School District: SAU #41 NH - Consolidated

10/25/2023

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
2018	89		2023-24	47	159	156	187	178	173	176	191	181	194	193	168	205	187	0	2348	2395
2019	108		2024-25	47	173	177	165	197	181	180	180	193	182	194	192	166	216	0	2396	2443
2020	110		2025-26	48	177	193	187	174	201	188	184	182	194	183	193	190	176	0	2422	2470
2021	112		2026-27	49	180	197	204	197	179	209	193	186	183	194	182	191	201	0	2496	2545
2022	121	(prov.)	2027-28	50	195	201	209	215	201	186	215	195	187	184	193	180	202	0	2563	2613
2023	108	(est.)	2028-29	50	174	217	213	220	219	209	191	217	196	187	183	191	190	0	2607	2657
2024	112	(est.)	2029-30	52	180	193	230	225	225	228	215	192	219	196	186	181	202	0	2672	2724
2025	113	(est.)	2030-31	52	181	201	204	242	230	234	234	217	195	219	195	184	191	0	2727	2779
2026	113	(est.)	2031-32	53	182	202	212	215	248	239	240	237	219	195	218	193	194	0	2794	2847
2027	113	(est.)	2032-33	54	182	203	213	224	220	258	245	243	239	219	194	216	204	0	2860	2914
2028	112	(est.)	2033-34	55	180	203	214	225	229	228	265	248	245	239	218	192	228	0	2914	2969

Note: Ungraded students (UNGR) often are high school students whose anticipated years of graduation are unknown, or students with special needs - UNGR not included in Grade Combinations for 7-12, 9-12, etc.

Based on an estimate of births

Based on children already born

Based on students already enrolled

\*Birth data provided by Public Health Vital Records Departments in each state.

\*\* < 10 Not reported, to protect subgroups with fewer than 10 students.

Projected Enrollment in Grade Combinations*									
School Year	PK-3	K-3	4-6	PK-6	K-6	6-8	7-8	7-12	9-12
2023-24	727	680	540	1267	1220	566	375	1128	753
2024-25	759	712	541	1300	1253	555	375	1143	768
2025-26	779	731	573	1352	1304	560	376	1118	742
2026-27	827	778	581	1408	1359	562	369	1137	768
2027-28	870	820	602	1472	1422	597	382	1141	759
2028-29	874	824	619	1493	1443	604	413	1164	751
2029-30	880	828	668	1548	1496	626	411	1176	765
2030-31	880	828	698	1578	1526	646	412	1201	789
2031-32	864	811	727	1591	1538	696	456	1256	800
2032-33	876	822	723	1599	1545	727	482	1315	833
2033-34	877	822	722	1599	1544	758	493	1370	877

Projected Percentage Changes			
School Year	K-12	Diff.	%
2023-24	2348	0	0.0%
2024-25	2396	48	2.0%
2025-26	2422	26	1.1%
2026-27	2496	74	3.1%
2027-28	2563	67	2.7%
2028-29	2607	44	1.7%
2029-30	2672	65	2.5%
2030-31	2727	55	2.1%
2031-32	2794	67	2.5%
2032-33	2860	66	2.4%
2033-34	2914	54	1.9%
Change	566		24.1%

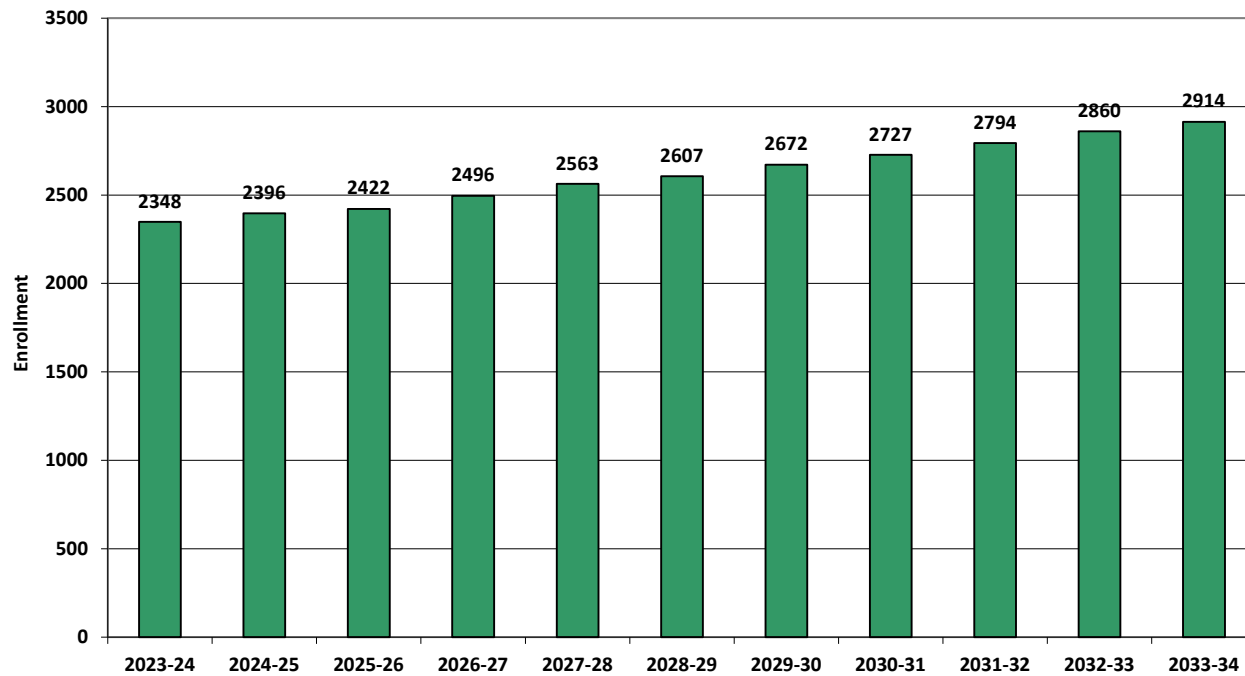
\*Projections should be updated annually to reflect changes in in/out-migration of families, real estate sales, residential construction, births, and similar factors.



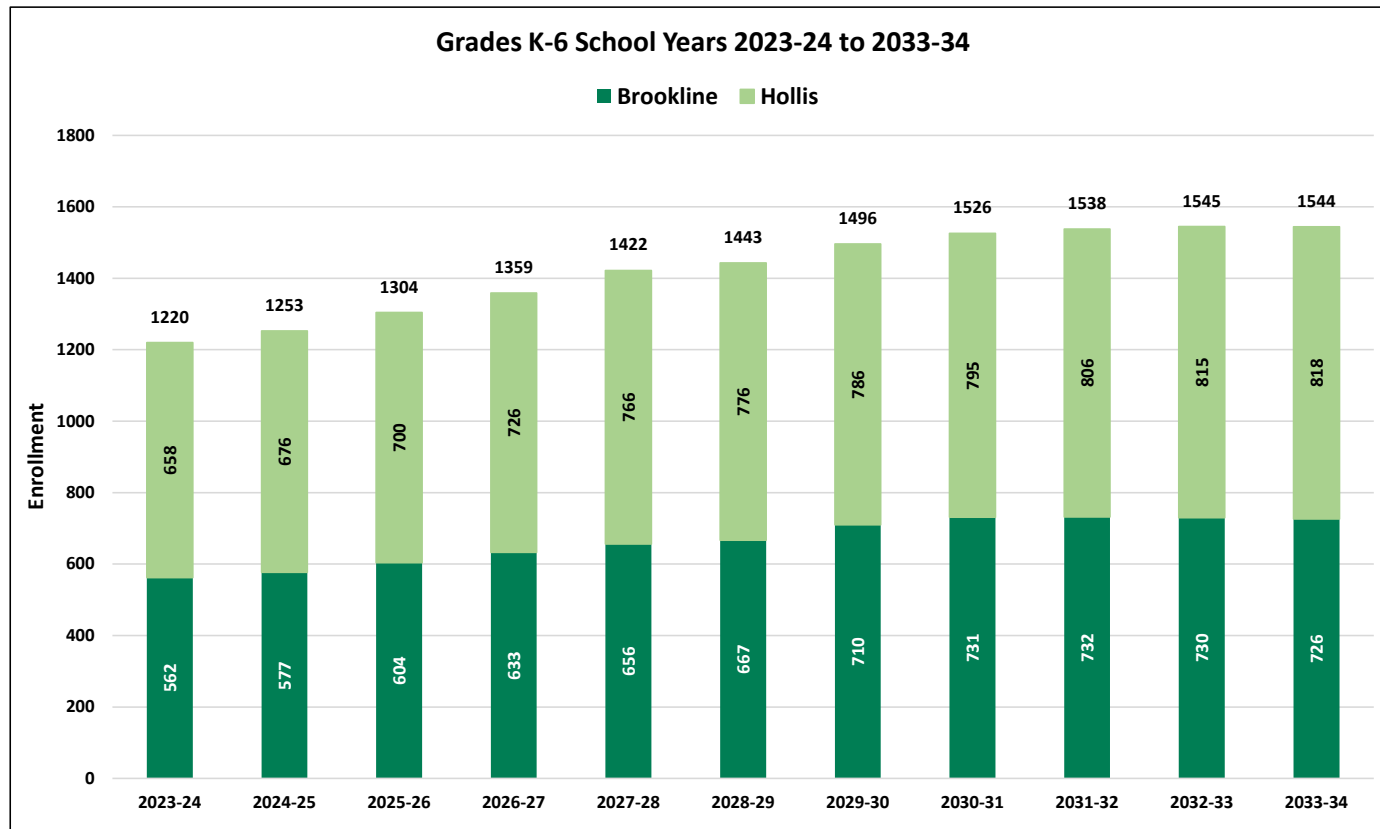
**NESDEC**

# Projected Enrollment

Grades K-12, School Years 2023-24 to 2033-34



# Projected Enrollment By Town

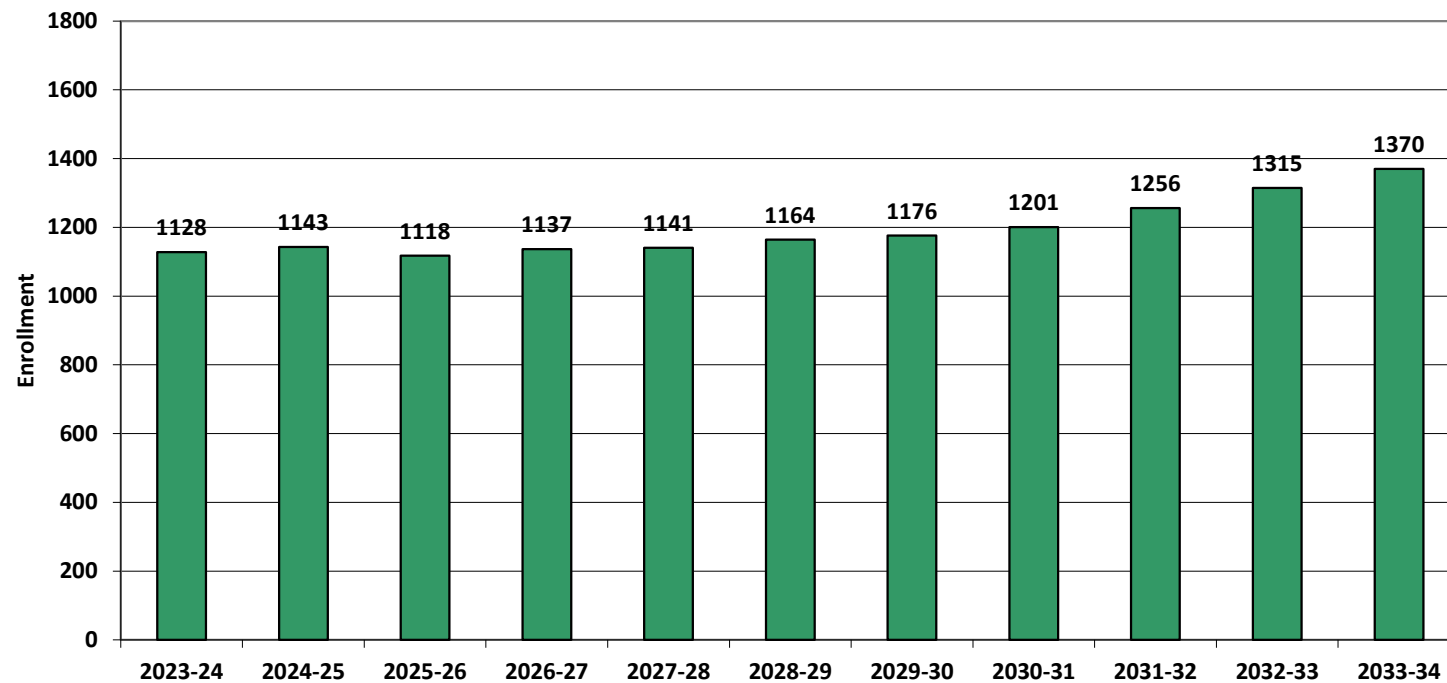


Town	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34
Brookline	46%	46%	46%	47%	46%	46%	47%	48%	48%	47%	47%
Hollis	54%	54%	54%	53%	54%	54%	53%	52%	52%	53%	53%

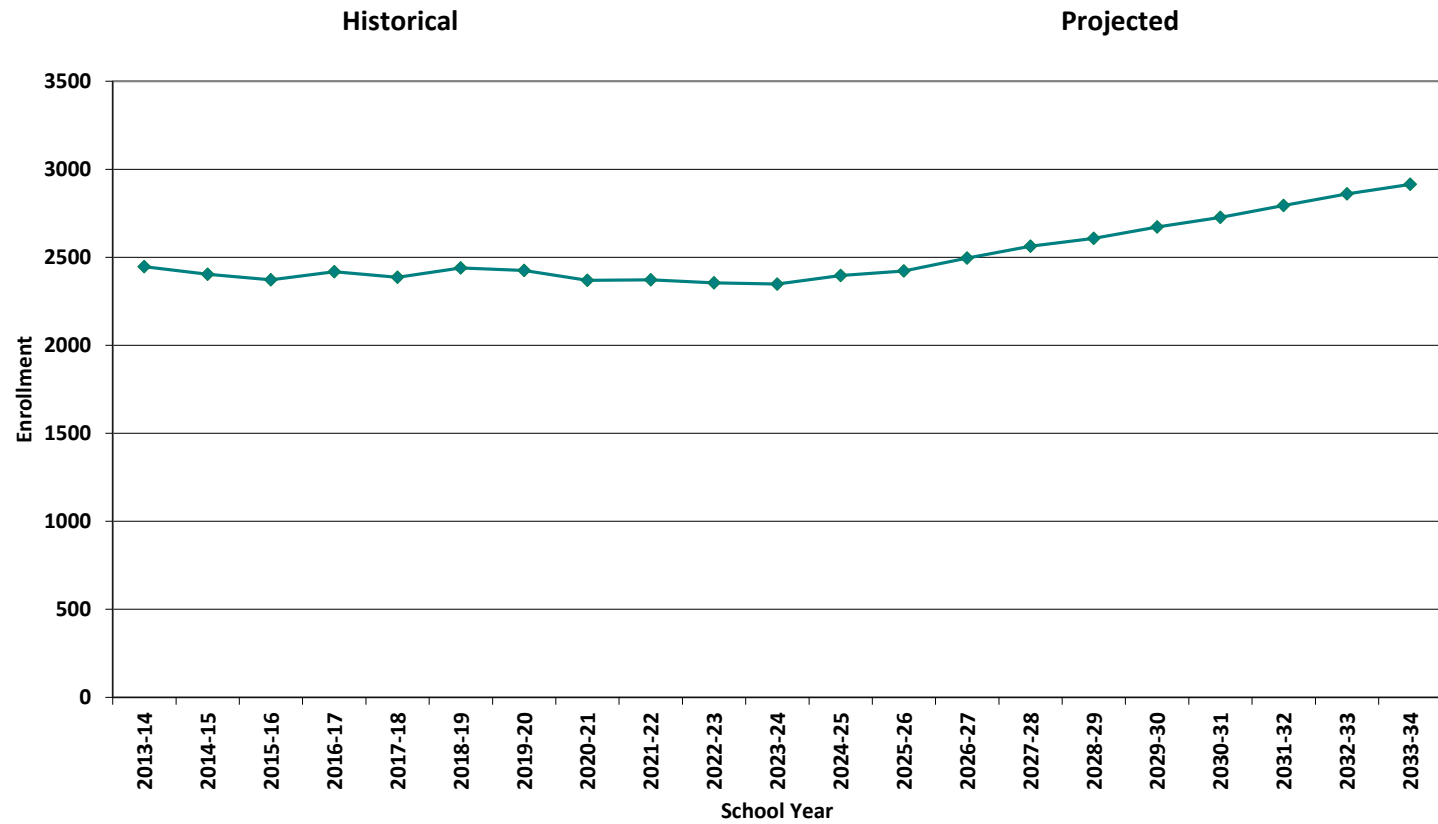
\* percentages rounded

# Projected Enrollment

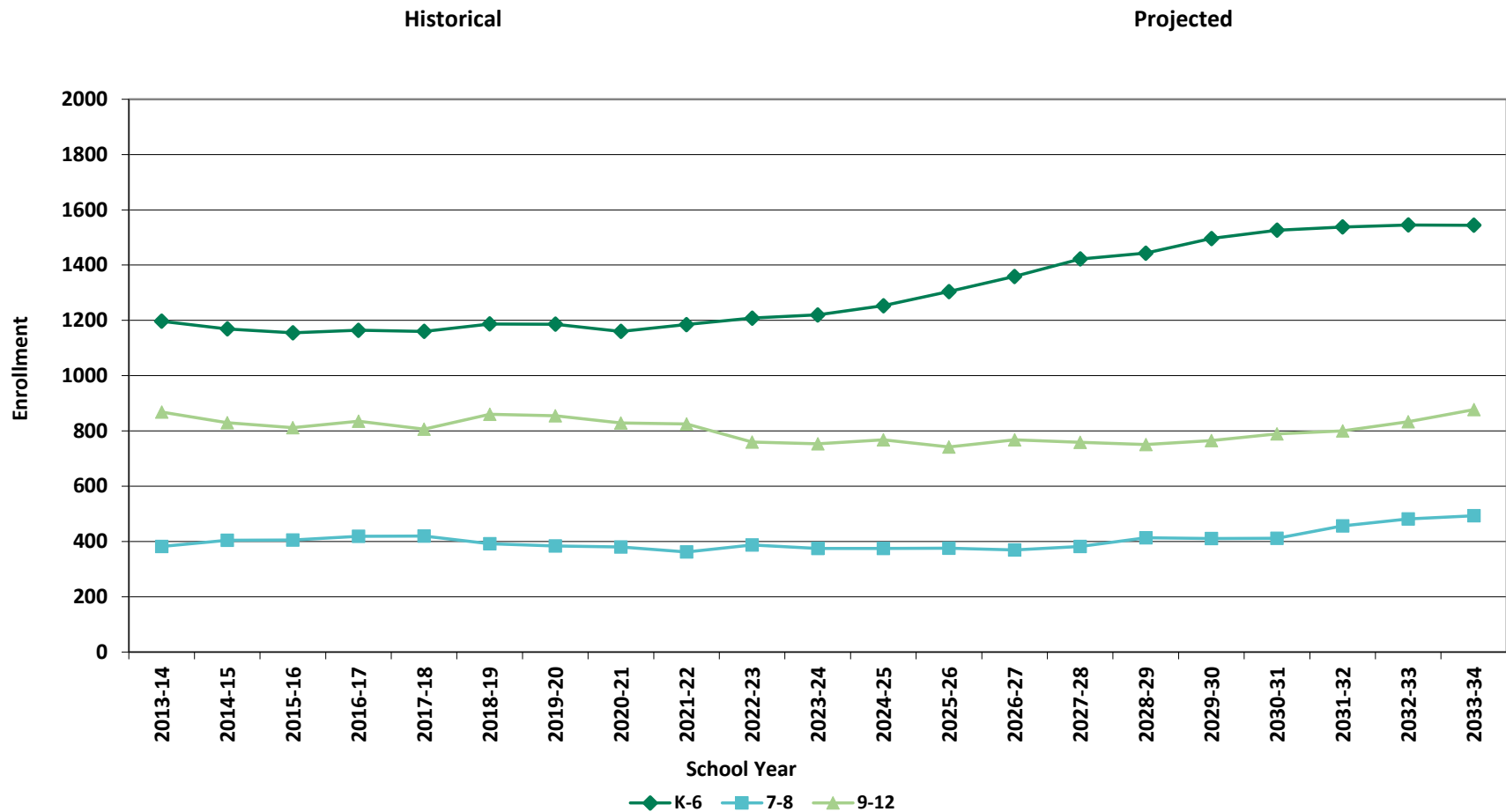
Grades 7-12, School Years 2023-24 to 2033-34



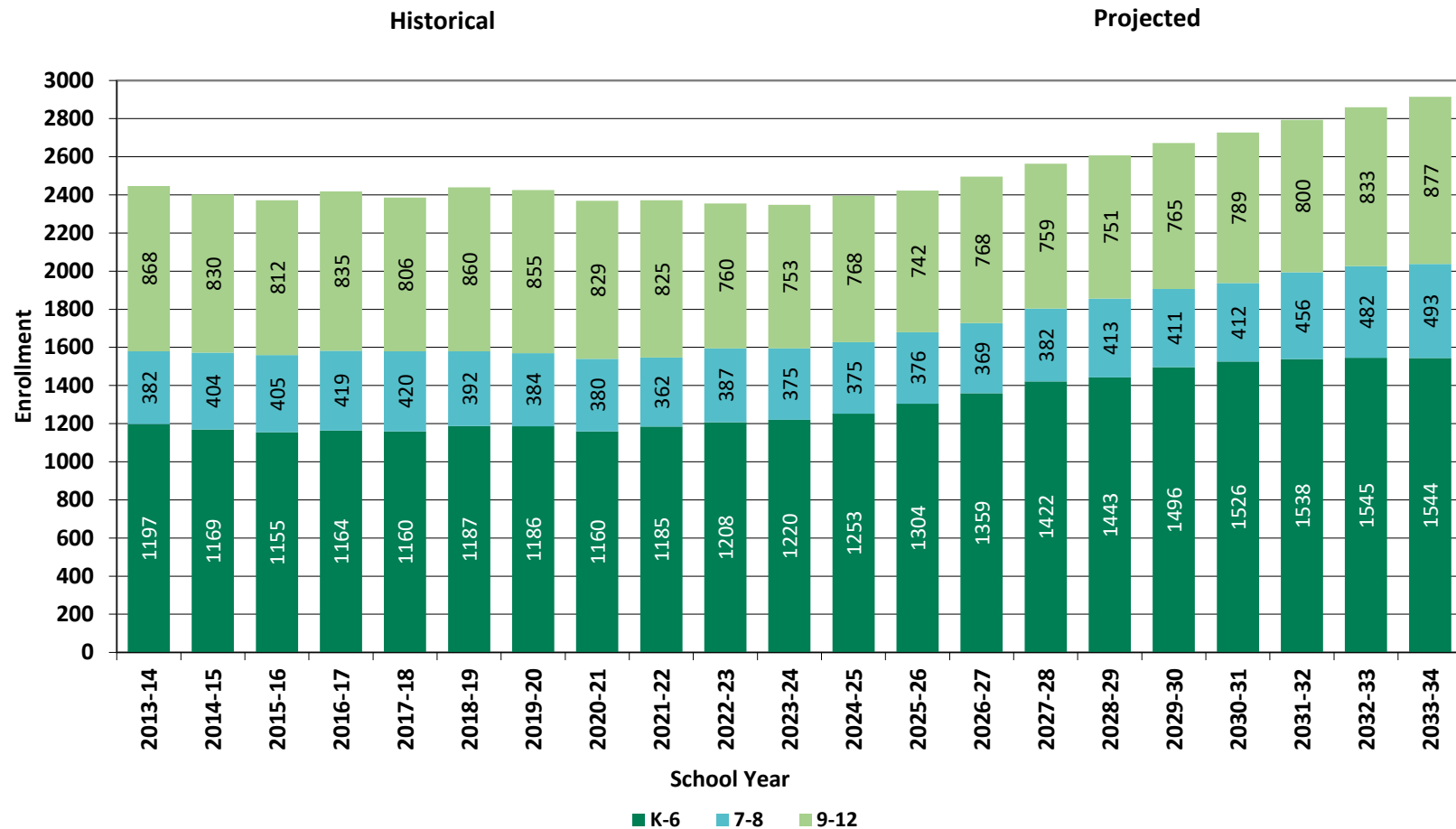
# Historical & Projected Enrollment



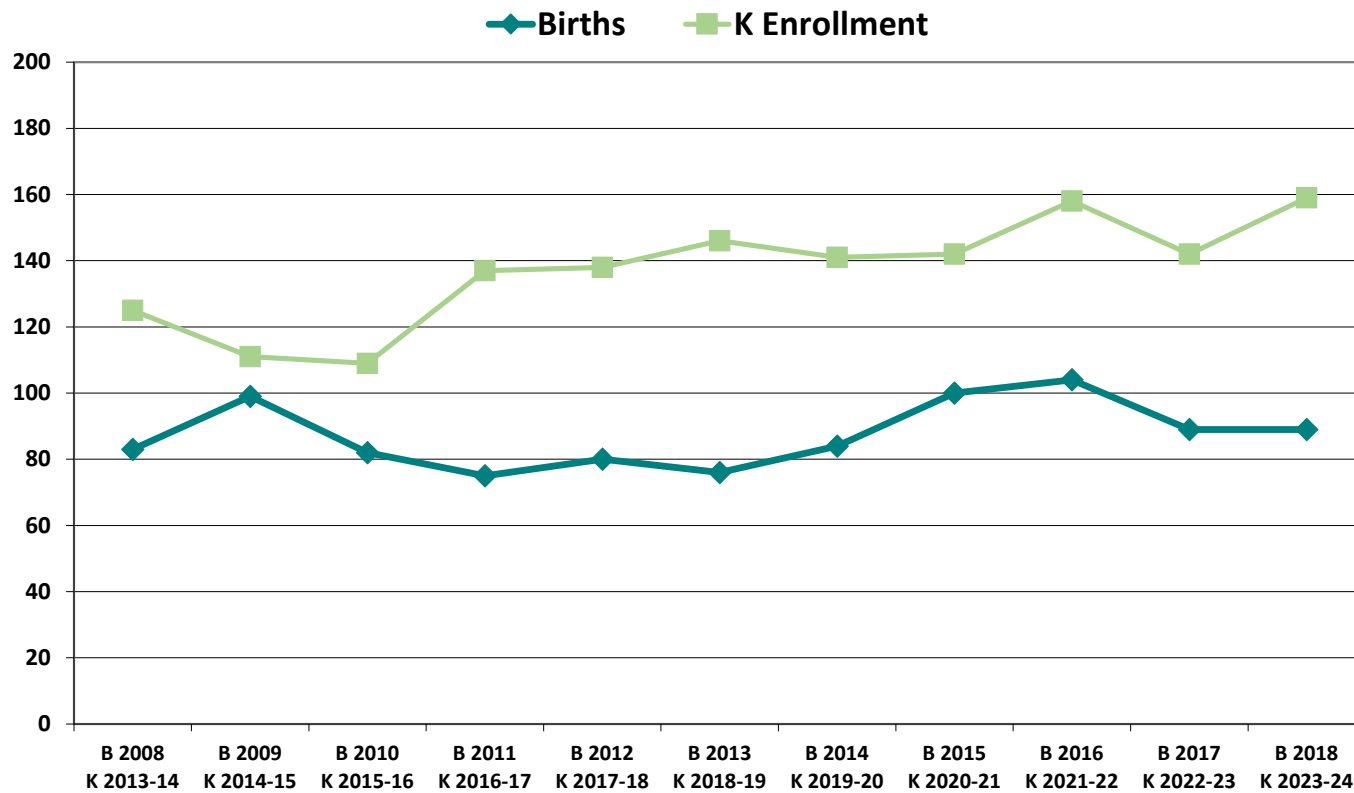
# Historical & Projected Enrollments in Grade Combinations



# Historical & Projected Enrollments in Grade Combinations



## Birth-to-Kindergarten Relationship



## Additional Information

Combined Building Permits Issued (Source: HUD)		
Year	Single-Family	Multi-Units
2019	78	4
2020	81	2
2021	61	32
2022	47	0
2023	19 to date	0 to date

Combined District						
School Year	9 - 12 CTE	K - 12 Non-Public	K - 12 Choice-In	K - 12 Choice-Out	K - 12 Out-of-District SPED	K - 12 Homeschool
2019-20	n/a	n/a	0	0	16	34
2020-21	n/a	n/a	< 10 **	0	< 10 **	174
2021-22	n/a	n/a	< 10 **	0	< 10 **	51
2022-23	n/a	n/a	0	0	0	0
2023-24	n/a	n/a	0	0	0	0

\*The above data was provided by the District, with the exception of building permit data (provided by HUD).

"n/a" signifies that information was not provided by District.

\*\* < 10 Not reported, to protect subgroups with fewer than 10 students.



## New England's PK-12 Enrollments Trends

From 2021 to 2030, the US Department of Education anticipates changes in PK-12 enrollment of -3.2% in the South, -6.0% in the West, -3.9% in the Midwest, -6.0% in the Northeast, and a total of -4.4% nationwide.

State	Fall 2021 PK - 12	Fall 2030 Projected	PK-12 Decline	% Change 2021-2030
USA	49,452,864	47,252,500	-2,200,364	-4.4%
CT	508,686	475,600	-33,086	-6.5%
ME	173,215	161,800	-11,415	-6.6%
MA	921,180	879,900	-41,280	-4.5%
NH	170,005	144,600	-25,405	-14.9%
RI	138,566	130,200	-8,366	-6.0%
VT	83,975	74,600	-9,375	-11.2%

**Source:** U.S. Department of Education, National Center for Education Statistics, Enrollment in public elementary and secondary schools, by region, state, and jurisdiction: Selected years, fall 1990 through fall 2030, Table 203.20, March 2023.

Although most New England Districts are seeing a decline in the number of births, NESDEC's experience indicates that the impact on enrollment varies from District to District. Almost half of New England Districts have been growing in PK-12 enrollment, and a similar number are declining (often in rural areas), with the other Districts remaining stable.

# Methodology, Reliability and Use of this Document

## PROJECTION METHODOLOGY

Cohort component (survival) technique is a frequently used method of preparing enrollment forecasts. NESDEC uses this method, but modifies it in order to move away from forecasts that are wholly computer- or formula-driven. Such modification permits the incorporation of important, current district-specific demographic information into the generation of enrollment forecasts (such as in/out-migration of students, resident births, HUD-reported building permits, etc.). Percentages are calculated from the historical enrollment data to determine a reliable percentage of increase or decrease in enrollment between any two grades. For example, if 100 students enrolled in Grade 1 in 2022-23 increased to 104 students in Grade 2 in 2023-24, the percentage of survival would be 104%, or a ratio of 1.04. Ratios are calculated between each pair of grades or years in school over several recent years.

After study and analysis of the historical ratios, and based upon a reasonable set of assumptions regarding births, migration rates, retention rates, etc., ratios most indicative of future growth patterns are determined for each pair of grades. The ratios thus selected are applied to the present enrollment statistics to project into future years. The ratios are the key factors in the reliability of the projections, assuming validity of the data at the starting point.

## RELIABILITY OF ENROLLMENT PROJECTIONS

Projections can serve as useful guides to school administrators for educational planning. Enrollment projections are more reliable in Years #1-4 in the future and less reliable in the "out-years." Projections six to ten years out may serve as a guide to future enrollments and are useful for planning purposes, but they should be viewed as subject to change given the likelihood of potential shifts in underlying assumptions/trends, such as student migration, births as they relate to Kindergarten enrollment, and other factors.

Projections that are based upon **the children who already are in the district** (the current K-12 population only) will be the most reliable. The second level of reliability will be for those children already **born into the community but not yet old enough to be in school**. The least reliable category is the group for which an estimate must be made **to predict the number of births**, thereby adding additional uncertainty. See these three multi-colored groupings on the "Projected Enrollment" tab.

Annual updates allow for early identification of recent changes in historical trends. When the actual enrollment in a grade is significantly different (higher or lower) from the projected number, it is important (yet difficult) to determine whether this is a one-year aberration or whether a new trend may have begun. **In light of this possibility, NESDEC urges all school districts to have updated enrollment forecasts developed by NESDEC each October.** This service is available at no cost to affiliated school districts.

## USING THIS INFORMATION ELECTRONICALLY

If you would like to extract the information contained in this report for your own documents or presentations, you can use screenshots, which can be inserted into PowerPoint slides, Word documents, etc. Because screenshots create graphics, the image is not editable. Please feel free to contact us if you need assistance in this matter, by phone (508-481-9444) or by email ([ep@nesdec.org](mailto:ep@nesdec.org)).