



**SAU #41**  
**Hollis Public Schools**  
**Hollis, NH**

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

# Table of Contents

Section	Page
Enrollment Summary.....	1
Historical Enrollment Table.....	2
Historical Enrollment Graph.....	3
Projected Enrollment Table.....	4
Projected Enrollment Graph.....	5
Historical & Projected Enrollment Graph.....	6
Historical & Projected Enrollment in Grade Combinations Line Graph.....	7
Historical & Projected Enrollment in Grade Combinations Stacked Column Graph.....	8
Birth to Kindergarten Relationship Graph.....	9
Additional Information .....	10
New England's PK-12 Enrollment Trends.....	11
Methodology, Reliability and Use of this Document.....	12

# Hollis, NH 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.

The NESDEC enrollment projection fell within 13 students of the K-12 total, 1,283 students projected vs. 1,270 enrolled.

Births increased by 10 from a previous ten-year average of 43 to a projected average of 53. In most districts, Grades 1-8 are very stable in enrollments. However, there have been increases in 6 of the 8 most recent years, leading to a net increase averaging 20 students per year.

Over the next three years, Grades K-6 enrollments are projected to increase by 68 students, Grades 7-8 enrollments are projected to stay the same, and Grades 9-12 enrollments are projected to decrease by 10 students, as students move through the grades.

# Historical Enrollment

School District:

SAU #41 - Hollis NH

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	47	2013-14	18	69	92	82	95	91	96	104	107	93	118	91	130	129	0	1297	1315
2009	49	2014-15	19	54	82	106	92	100	93	99	94	110	93	127	89	137	0	1276	1295
2010	39	2015-16	18	49	81	92	105	95	106	95	100	101	109	90	124	94	0	1241	1259
2011	37	2016-17	18	59	79	86	95	117	94	106	101	100	99	112	99	131	0	1278	1296
2012	37	2017-18	11	65	80	89	90	101	123	98	111	99	101	101	112	95	0	1265	1276
2013	40	2018-19	18	80	71	80	94	96	107	125	75	106	110	114	108	103	0	1269	1287
2014	35	2019-20	17	68	90	83	86	97	101	102	121	100	112	105	102	109	0	1276	1293
2015	50	2020-21	13	70	74	93	83	86	94	103	87	127	102	112	105	116	0	1252	1265
2016	47	2021-22	15	77	77	77	92	95	89	103	106	88	123	98	113	115	0	1253	1268
2017	53	2022-23	19	89	98	83	89	94	103	92	104	111	89	118	91	104	0	1265	1284
2018	48	2023-24	27	86	97	98	88	93	95	101	93	106	104	89	122	98	0	1270	1297

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

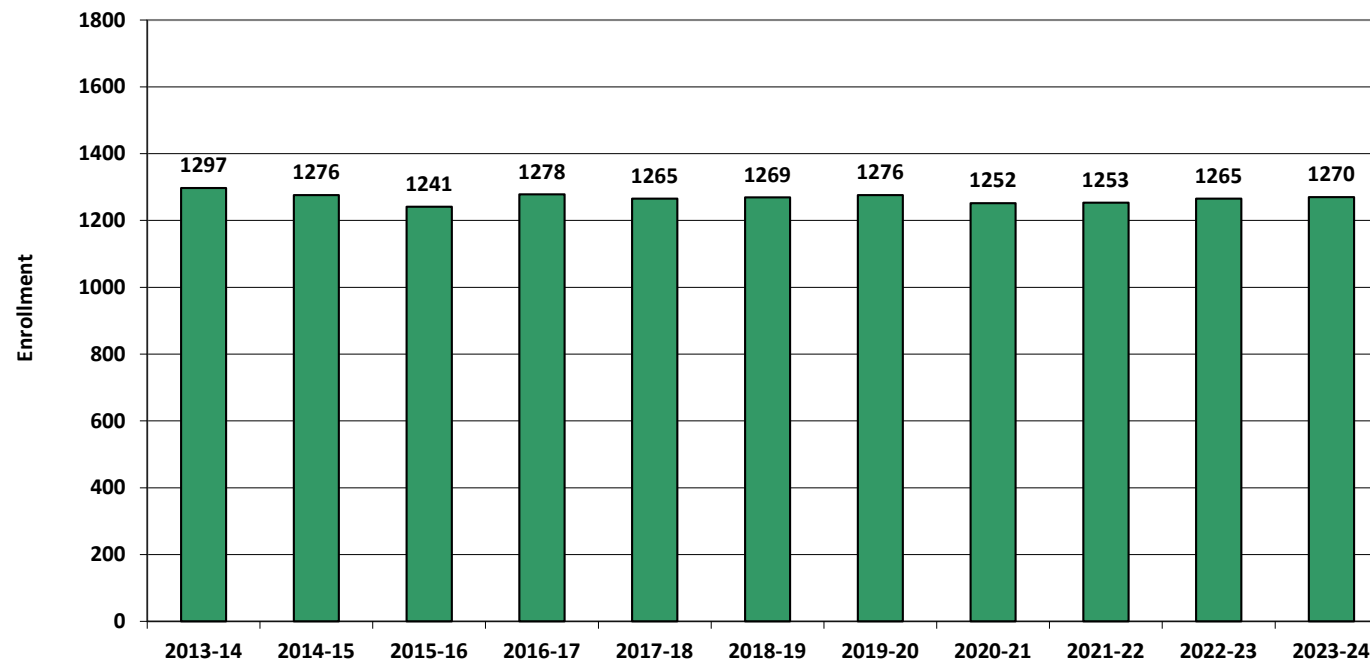
\*\* < 10 Not reported, to protect subgroups with fewer than 10 students.

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	356	338	291	647	629	304	200	668	468
2014-15	353	334	292	645	626	303	204	650	446
2015-16	345	327	296	641	623	296	201	618	417
2016-17	337	319	317	654	636	307	201	642	441
2017-18	335	324	322	657	646	308	210	619	409
2018-19	343	325	328	671	653	306	181	616	435
2019-20	344	327	300	644	627	323	221	649	428
2020-21	333	320	283	616	603	317	214	649	435
2021-22	338	323	287	625	610	297	194	643	449
2022-23	378	359	289	667	648	307	215	617	402
2023-24	396	369	289	685	658	300	199	612	413

Historical Percentage Changes			
School Year	K-12	Diff.	%
2013-14	1297		
2014-15	1276	-21	-1.6%
2015-16	1241	-35	-2.7%
2016-17	1278	37	3.0%
2017-18	1265	-13	-1.0%
2018-19	1269	4	0.3%
2019-20	1276	7	0.6%
2020-21	1252	-24	-1.9%
2021-22	1253	1	0.1%
2022-23	1265	12	1.0%
2023-24	1270	5	0.4%
Change		-27	-2.1%

## Historical Enrollment

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



# Projected Enrollment

School District: SAU #41 - Hollis NH

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	48		2023-24	27	86	97	98	88	93	95	101	93	106	104	89	122	98	0	1270	1297
2019	50		2024-25	27	85	99	101	103	93	97	98	100	96	105	102	88	127	0	1294	1321
2020	51		2025-26	27	87	98	103	106	109	97	100	97	103	96	103	101	92	0	1292	1319
2021	53		2026-27	28	90	100	102	108	112	114	100	99	100	102	94	102	105	0	1328	1356
2022	60	(prov.)	2027-28	28	102	104	104	107	114	117	118	99	102	100	100	93	106	0	1366	1394
2023	52	(est.)	2028-29	28	89	117	108	109	113	119	121	117	102	101	98	99	97	0	1390	1418
2024	53	(est.)	2029-30	29	91	102	122	114	116	118	123	120	121	101	99	97	103	0	1427	1456
2025	54	(est.)	2030-31	29	92	105	106	128	121	121	122	122	124	120	99	98	101	0	1459	1488
2026	55	(est.)	2031-32	29	93	106	109	111	136	126	125	121	126	123	118	98	102	0	1494	1523
2027	55	(est.)	2032-33	30	93	107	110	115	118	142	130	124	125	125	121	117	102	0	1529	1559
2028	54	(est.)	2033-34	30	92	107	111	116	122	123	147	129	128	124	123	120	122	0	1564	1594

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	396	369	289	685	658	300	199	612	413
2024-25	415	388	288	703	676	294	196	618	422
2025-26	421	394	306	727	700	300	200	592	392
2026-27	428	400	326	754	726	299	199	602	403
2027-28	445	417	349	794	766	319	201	600	399
2028-29	451	423	353	804	776	340	219	614	395
2029-30	458	429	357	815	786	364	241	641	400
2030-31	460	431	364	824	795	368	246	664	418
2031-32	448	419	387	835	806	372	247	688	441
2032-33	455	425	390	845	815	379	249	714	465
2033-34	456	426	392	848	818	404	257	746	489

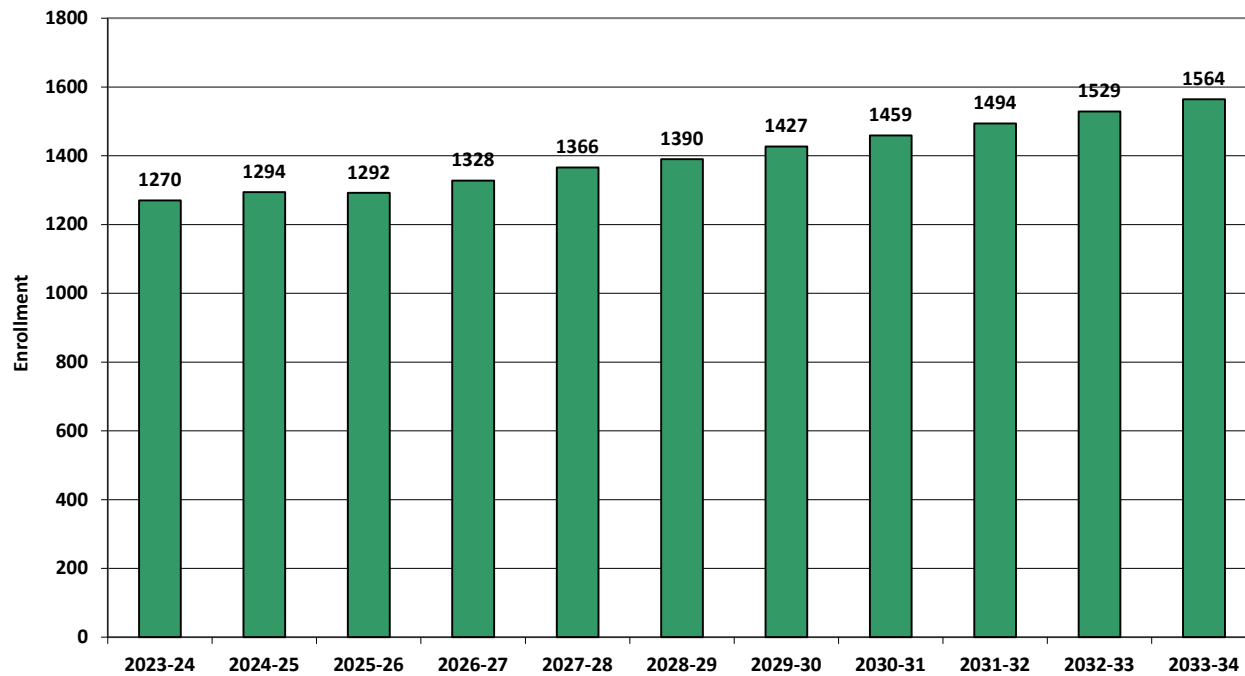
Projected Percentage Changes			
School Year	K-12	Diff.	%
2023-24	1270	0	0.0%
2024-25	1294	24	1.9%
2025-26	1292	-2	-0.2%
2026-27	1328	36	2.8%
2027-28	1366	38	2.9%
2028-29	1390	24	1.8%
2029-30	1427	37	2.7%
2030-31	1459	32	2.2%
2031-32	1494	35	2.4%
2032-33	1529	35	2.3%
2033-34	1564	35	2.3%
Change	294		23.1%

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

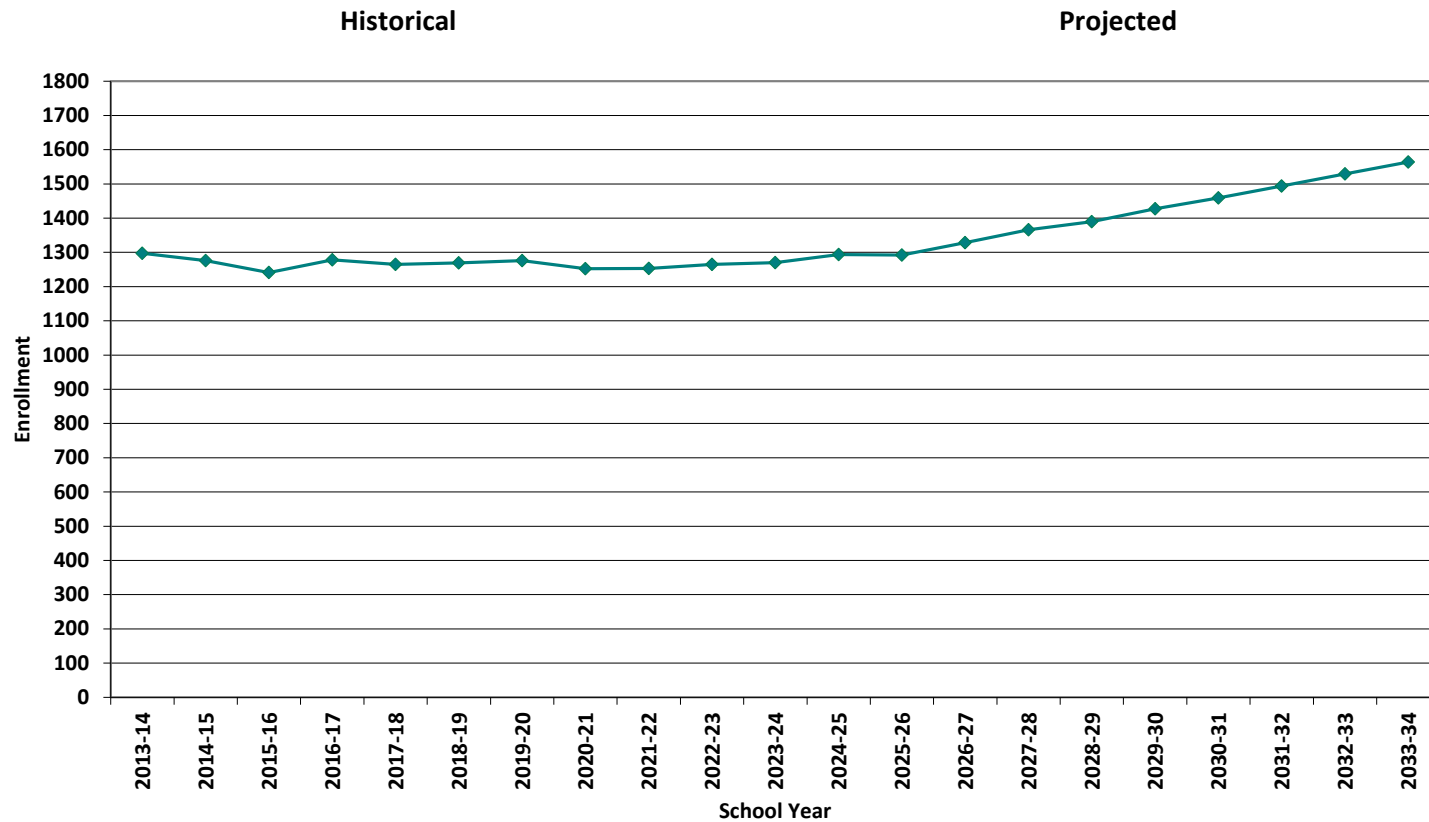
**NESDEC**

# Projected Enrollment

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

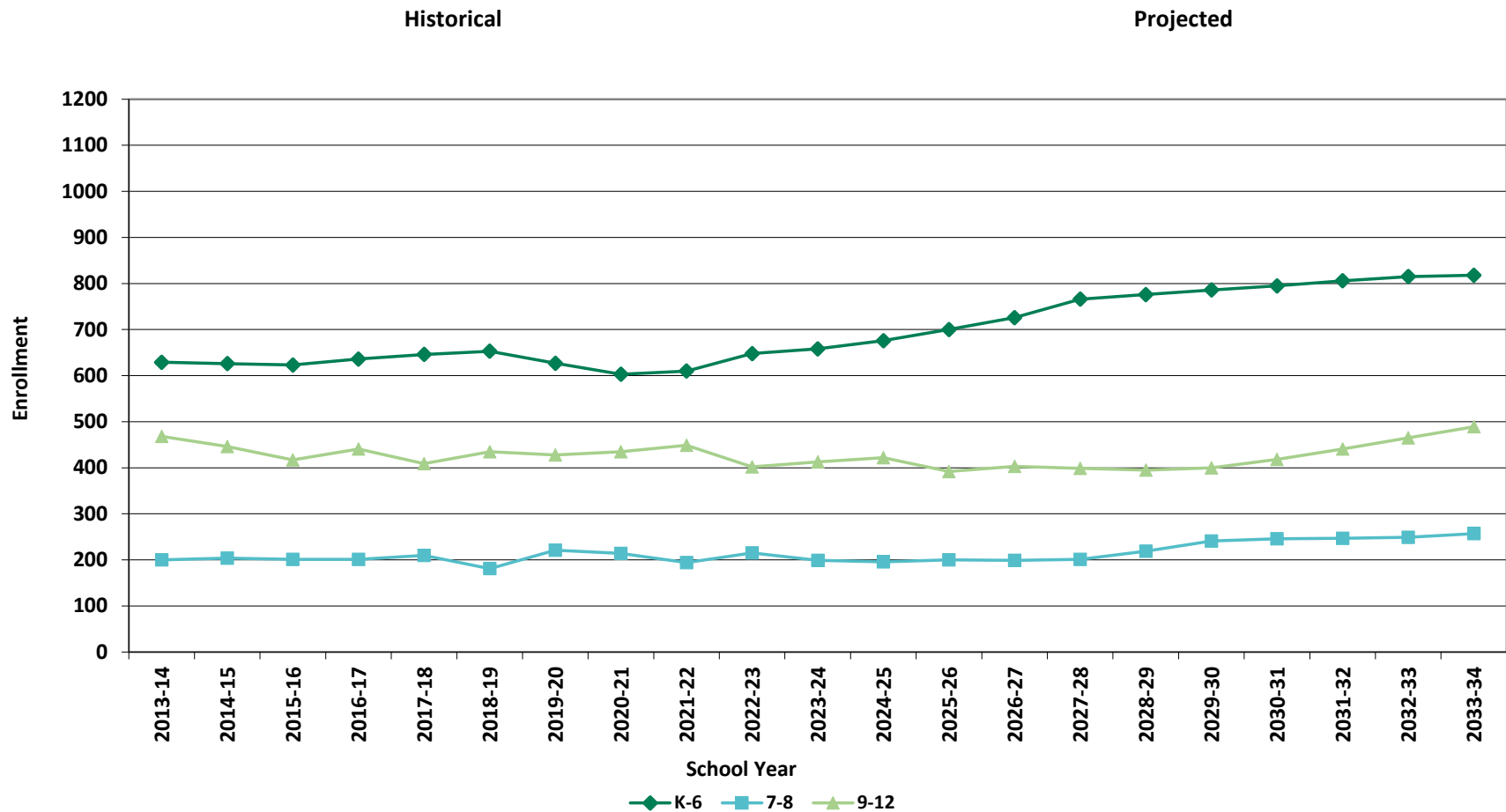


# Historical & Projected Enrollment

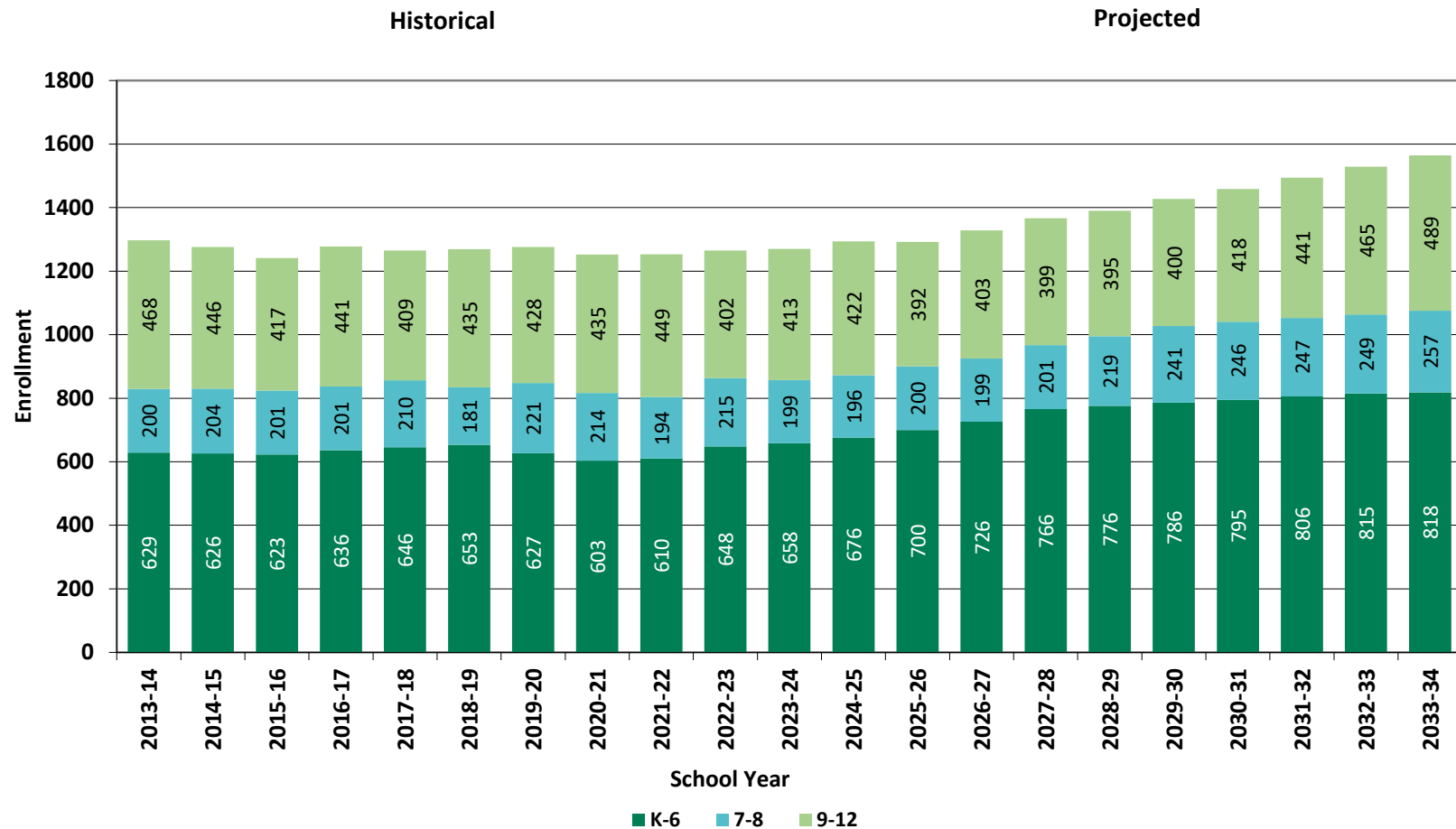




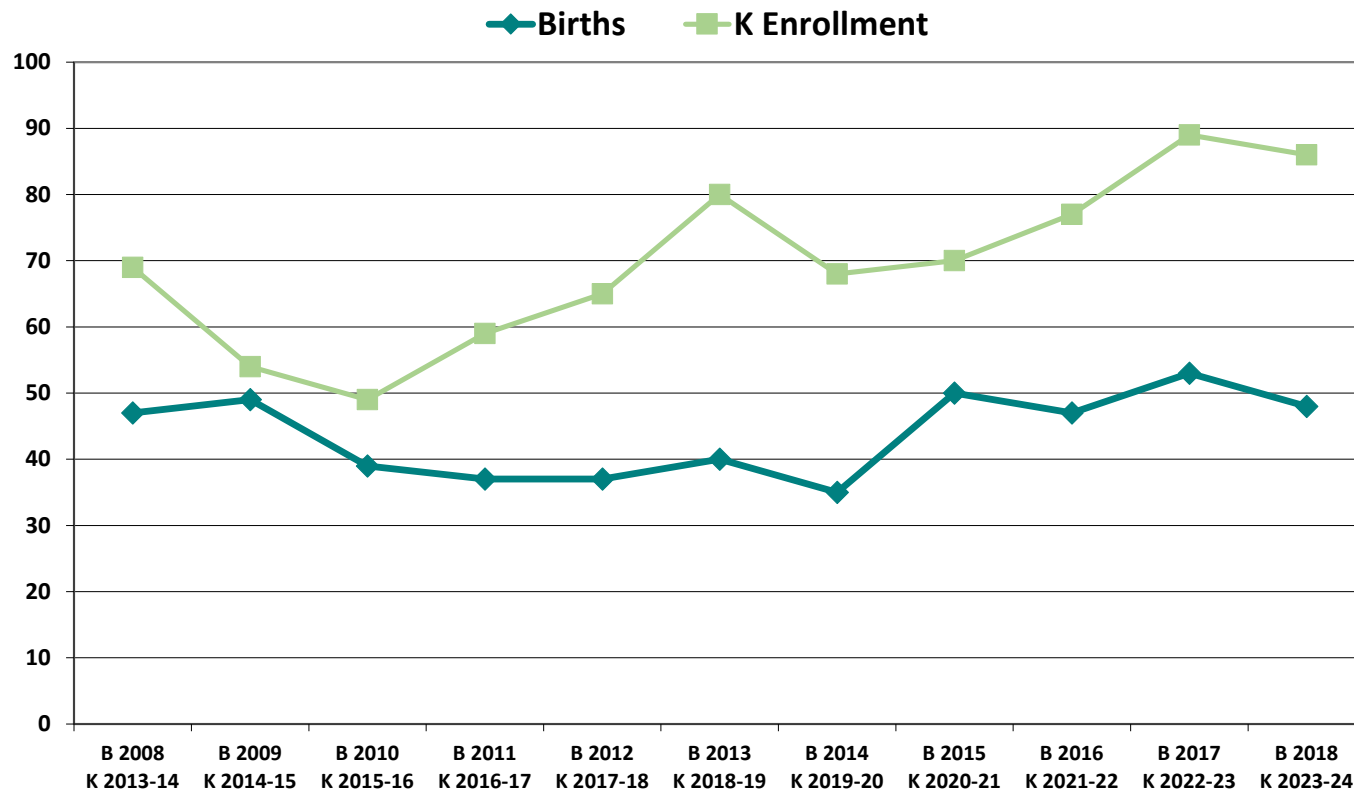
# Historical & Projected Enrollments in Grade Combinations



# Historical & Projected Enrollments in Grade Combinations



## Birth-to-Kindergarten Relationship



## Additional Information

Building Permits Issued (Source: HUD)		
Year	Single-Family	Multi-Units
2019	56	4
2020	58	2
2021	44	32
2022	30	0
2023	8 to date	0 to date

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	24
2020-21	n/a	n/a	< 10 **	0	< 10 **	87
2021-22	n/a	n/a	0	0	0	33
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)).