



Danville, NH

SAU #106

Timberlane Regional School District

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

Danville, 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 28 students of the K-12 total, 601 students projected vs. 573 enrolled.

Births increased by 4 from a previous ten-year average of 34 to a projected average of 38.

Over the next three years, Grades K-5 enrollments are projected to increase by 1 student, Grades 6-8 enrollments are projected to increase by 3 students, and Grades 9-12 enrollments are projected to decrease by 5 students, as students move through the grades.



Historical Enrollment

School District: Danville, NH - SAU #106 Timberlane

12/6/2023

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	34	2013-14	14	41	54	49	27	60	56	53	62	79	56	63	67	76	0	743	757
2009	35	2014-15	5	38	49	51	54	28	60	57	51	61	73	57	65	68	0	712	717
2010	29	2015-16	15	27	39	52	56	51	28	59	57	52	59	74	59	65	0	678	693
2011	33	2016-17	22	43	28	43	43	55	48	30	59	52	49	57	68	60	0	635	657
2012	25	2017-18	7	40	52	33	44	47	56	48	30	55	48	52	53	66	0	624	631
2013	33	2018-19	25	30	44	51	32	46	36	59	45	28	51	50	51	50	0	573	598
2014	45	2019-20	10	60	32	42	59	33	48	40	58	45	32	50	45	48	0	592	602
2015	29	2020-21	11	29	53	34	41	59	29	45	39	53	48	33	51	47	0	561	572
2016	40	2021-22	20	42	42	53	42	44	58	32	46	39	45	46	35	53	0	577	597
2017	41	2022-23	34	41	43	47	52	43	44	60	33	44	40	48	47	37	0	579	613
2018	44	2023-24	22	39	41	43	48	52	37	43	58	33	43	40	47	49	0	573	595

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

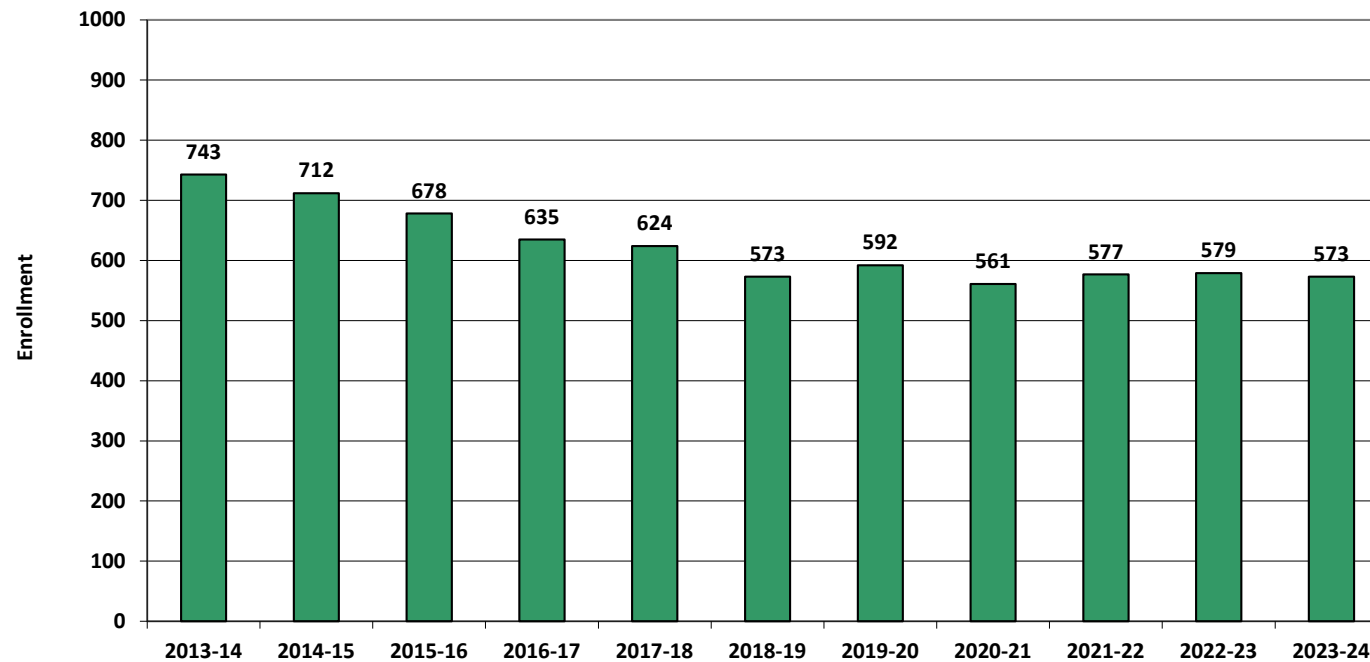
** < 10 Not reported, to protect subgroups with fewer than 10 students.

Historical Enrollment in Grade Combinations									
School Year	PK-5	K-5	PK-8	K-8	5-8	6-8	7-8	6-12	9-12
2013-14	301	287	495	481	250	194	141	456	262
2014-15	285	280	454	449	229	169	112	432	263
2015-16	268	253	436	421	196	168	109	425	257
2016-17	282	260	423	401	189	141	111	375	234
2017-18	279	272	412	405	189	133	85	352	219
2018-19	264	239	396	371	168	132	73	334	202
2019-20	284	274	427	417	191	143	103	318	175
2020-21	256	245	393	382	166	137	92	316	179
2021-22	301	281	418	398	175	117	85	296	179
2022-23	304	270	441	407	181	137	77	309	172
2023-24	282	260	416	394	171	134	91	313	179

Historical Percentage Changes			
School Year	K-12	Diff.	%
2013-14	743		
2014-15	712	-31	-4.2%
2015-16	678	-34	-4.8%
2016-17	635	-43	-6.3%
2017-18	624	-11	-1.7%
2018-19	573	-51	-8.2%
2019-20	592	19	3.3%
2020-21	561	-31	-5.2%
2021-22	577	16	2.9%
2022-23	579	2	0.3%
2023-24	573	-6	-1.0%
Change		-170	-22.9%

Historical Enrollment

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



Projected Enrollment

School District: Danville, NH - SAU #106 Timberlane

12/6/2023

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	44		2023-24	22	39	41	43	48	52	37	43	58	33	43	40	47	49	0	573	595
2019	41		2024-25	22	41	42	43	46	50	49	38	43	56	32	43	40	49	0	572	594
2020	35		2025-26	23	35	44	44	46	47	47	51	38	42	55	32	43	42	0	566	589
2021	38		2026-27	23	38	38	46	47	47	45	49	51	37	41	56	32	45	0	572	595
2022	36	0	2027-28	24	36	41	40	49	49	45	47	49	49	36	41	57	33	0	572	596
2023	39	(est.)	2028-29	24	39	39	43	42	51	46	47	47	47	48	36	41	60	0	586	610
2024	38	(est.)	2029-30	25	38	42	41	46	43	48	48	47	45	46	48	36	43	0	571	596
2025	37	(est.)	2030-31	25	37	41	44	43	47	41	50	48	45	44	46	48	38	0	572	597
2026	38	(est.)	2031-32	26	38	40	43	47	44	45	43	50	46	44	44	46	50	0	580	606
2027	37	(est.)	2032-33	27	37	41	42	46	49	42	47	43	48	45	44	44	48	0	576	603
2028	38	(est.)	2033-34	28	38	40	43	45	47	46	44	47	42	47	45	44	46	0	574	602

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-5	K-5	PK-8	K-8	5-8	6-8	7-8	6-12	9-12
2023-24	282	260	416	394	171	134	91	313	179
2024-25	293	271	430	408	186	137	99	301	164
2025-26	286	263	417	394	178	131	80	303	172
2026-27	284	261	421	398	182	137	88	311	174
2027-28	284	260	429	405	190	145	98	312	167
2028-29	284	260	425	401	187	141	94	326	185
2029-30	283	258	423	398	188	140	92	313	173
2030-31	278	253	421	396	184	143	93	319	176
2031-32	283	257	422	396	184	139	96	323	184
2032-33	284	257	422	395	180	138	91	319	181
2033-34	287	259	420	392	179	133	89	315	182

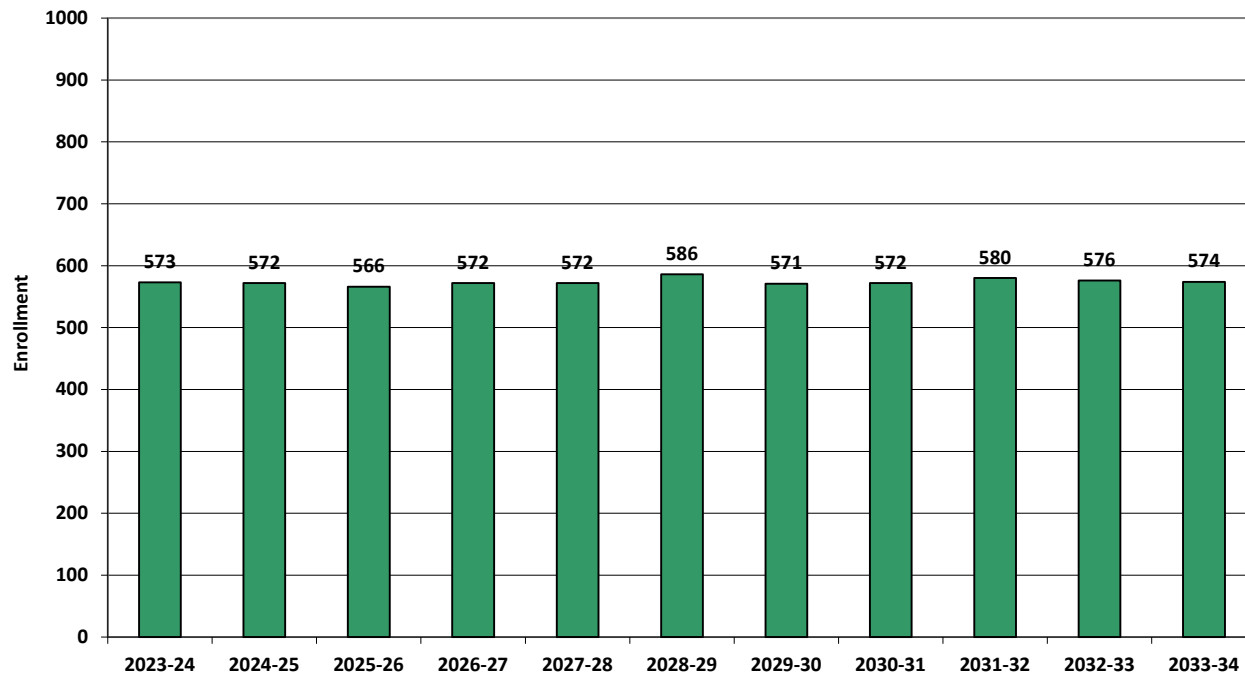
Projected Percentage Changes			
School Year	K-12	Diff.	%
2023-24	573		
2024-25	572	-1	-0.2%
2025-26	566	-6	-1.0%
2026-27	572	6	1.1%
2027-28	572	0	0.0%
2028-29	586	14	2.4%
2029-30	571	-15	-2.6%
2030-31	572	1	0.2%
2031-32	580	8	1.4%
2032-33	576	-4	-0.7%
2033-34	574	-2	-0.3%
Change	1		0.2%

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

NESDEC

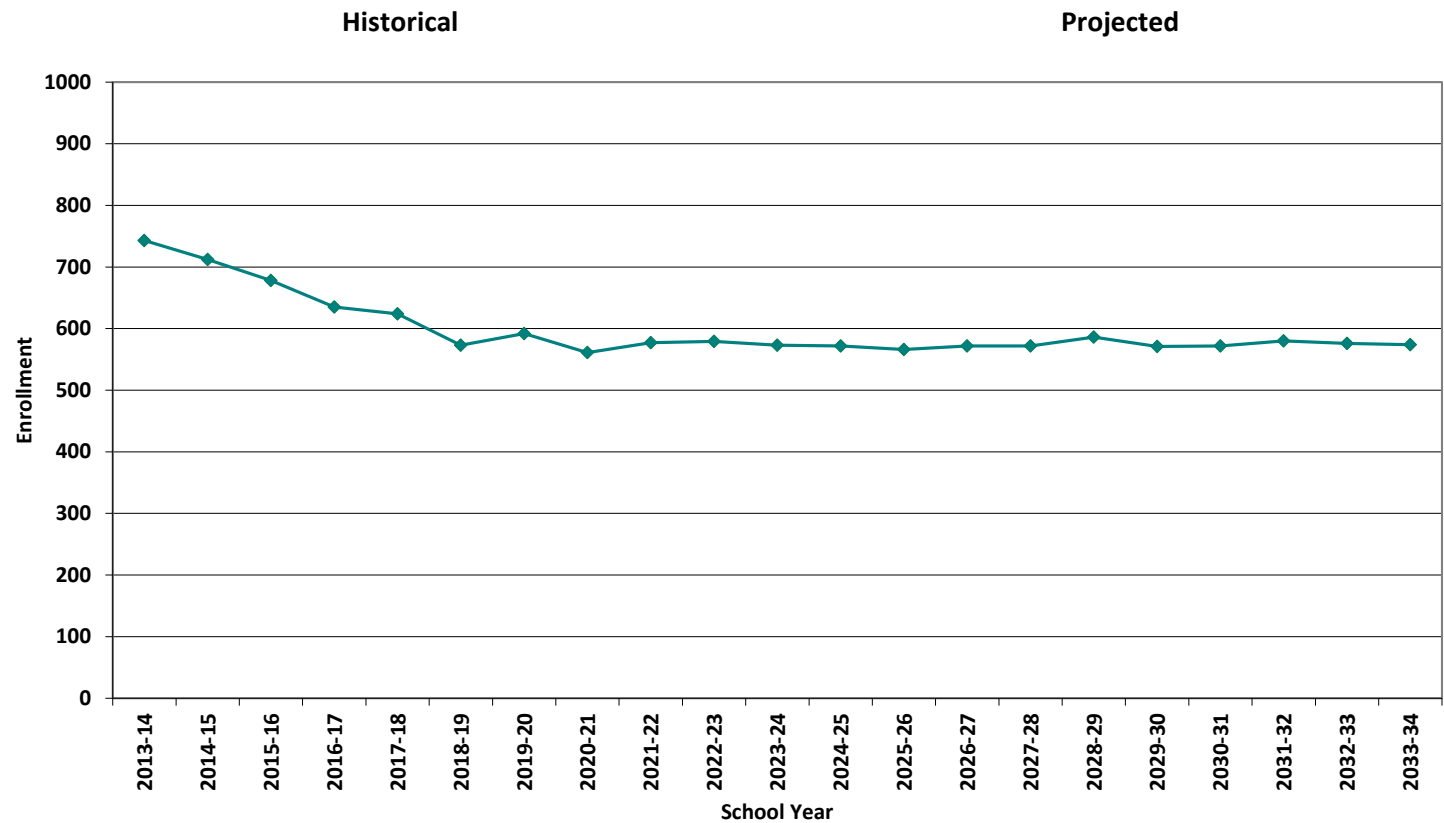
Projected Enrollment

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

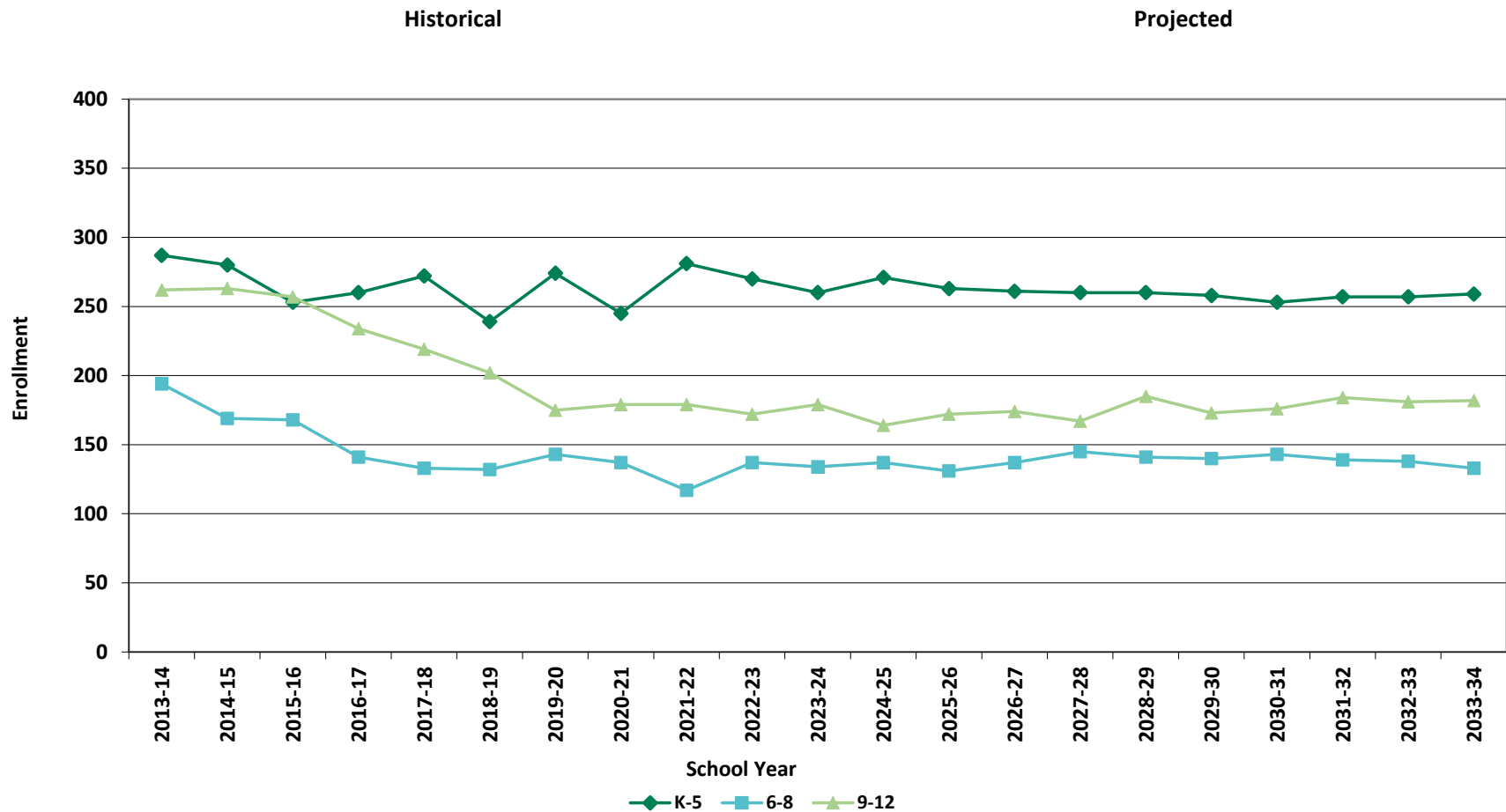




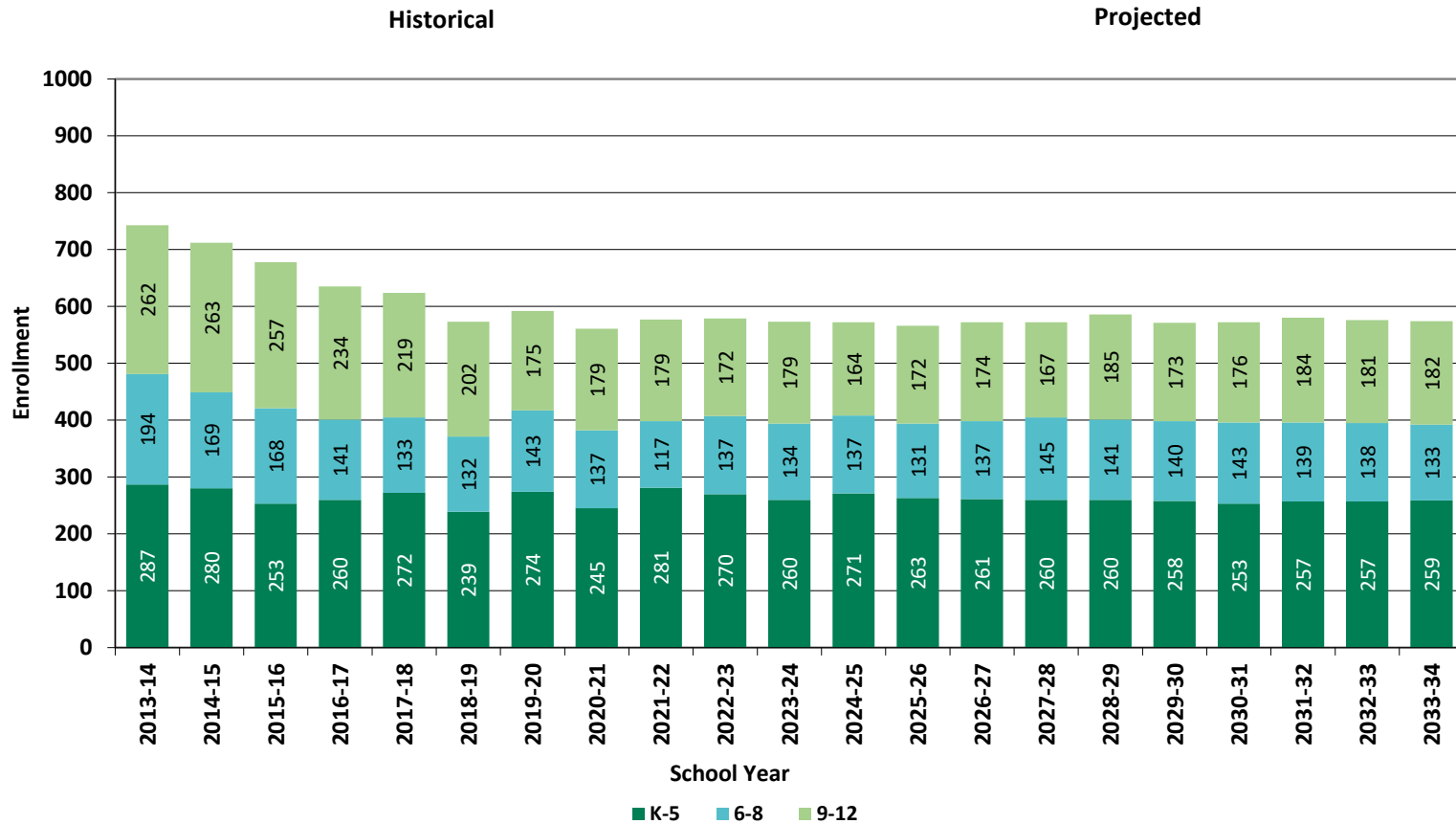
Historical & Projected Enrollment



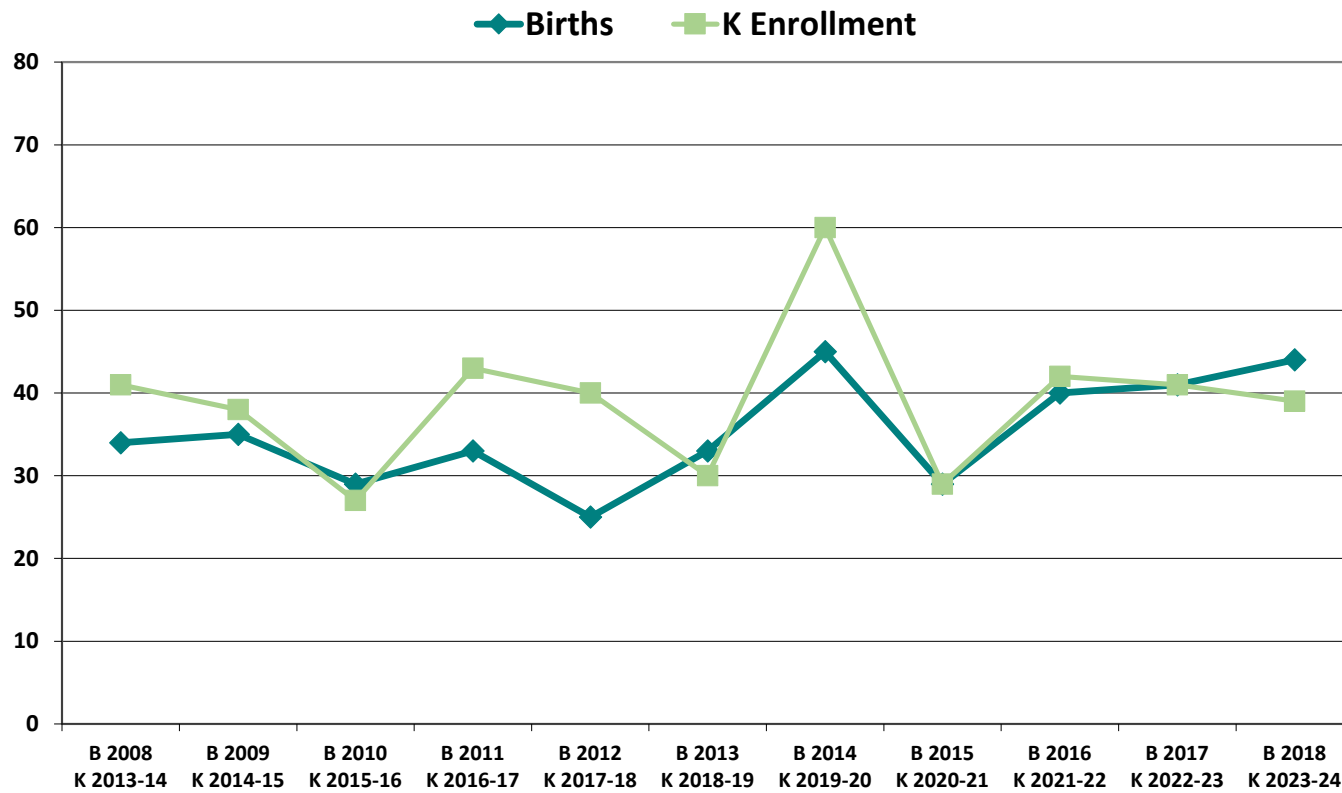
Historical & Projected Enrollments in Grade Combinations



Historical & Projected Enrollments in Grade Combinations



Birth-to-Kindergarten Relationship



Additional Information

Building Permits Issued (Source: HUD)		
Year	Single-Family	Multi-Units
2019	24	0
2020	40	0
2021	8	2
2022	17	14
2023	16 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	< 10 **	< 10 **	19
2020-21	n/a	n/a	0	< 10 **	< 10 **	46
2021-22	18	n/a	< 10 **	0	< 10 **	14
2022-23	24	n/a	0	0	< 10 **	< 10 **
2023-24	27	n/a	0	0	< 10 **	< 10 **

*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).