



Atkinson, NH

SAU #106

Timberlane Regional School District

School Year 2023-24 Enrollment Projection Report

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Atkinson, 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 21 students of the K-12 total, 683 students projected vs. 704 enrolled. One variance of 17 students occurred at Kindergarten, 48 projected vs. 65 enrolled.

Births increased by 11 from a previous ten-year average of 39 to a projected average of 50.

Over the next three years, Grades K-5 enrollments are projected to increase by 28 students, Grades 6-8 enrollments are projected to increase by 18 students, and Grades 9-12 enrollments are projected to decrease by 9 students, as students move through the grades.

Historical Enrollment

School District: Atkinson, 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	44	2013-14	17	39	60	44	79	53	78	88	63	78	68	76	81	79	0	886	903
2009	36	2014-15	12	49	58	63	47	82	51	76	85	60	72	66	76	79	0	864	876
2010	37	2015-16	17	40	50	56	65	46	81	51	72	84	50	72	67	79	0	813	830
2011	25	2016-17	20	38	48	48	58	69	45	78	50	69	76	48	73	67	0	767	787
2012	38	2017-18	19	46	49	54	48	59	73	47	78	51	64	73	54	72	0	768	787
2013	35	2018-19	24	55	52	52	58	52	64	72	45	77	43	64	74	55	0	763	787
2014	52	2019-20	15	53	62	48	45	59	49	60	69	48	76	39	62	81	0	751	766
2015	40	2020-21	14	51	65	62	49	47	60	45	63	65	42	77	43	67	0	736	750
2016	39	2021-22	17	44	61	64	61	50	52	57	46	56	52	43	73	49	0	708	725
2017	48	2022-23	29	43	57	60	63	59	48	50	57	47	51	52	42	74	0	703	732
2018	44	2023-24	29	65	51	57	59	64	57	50	51	59	40	51	53	47	0	704	733

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

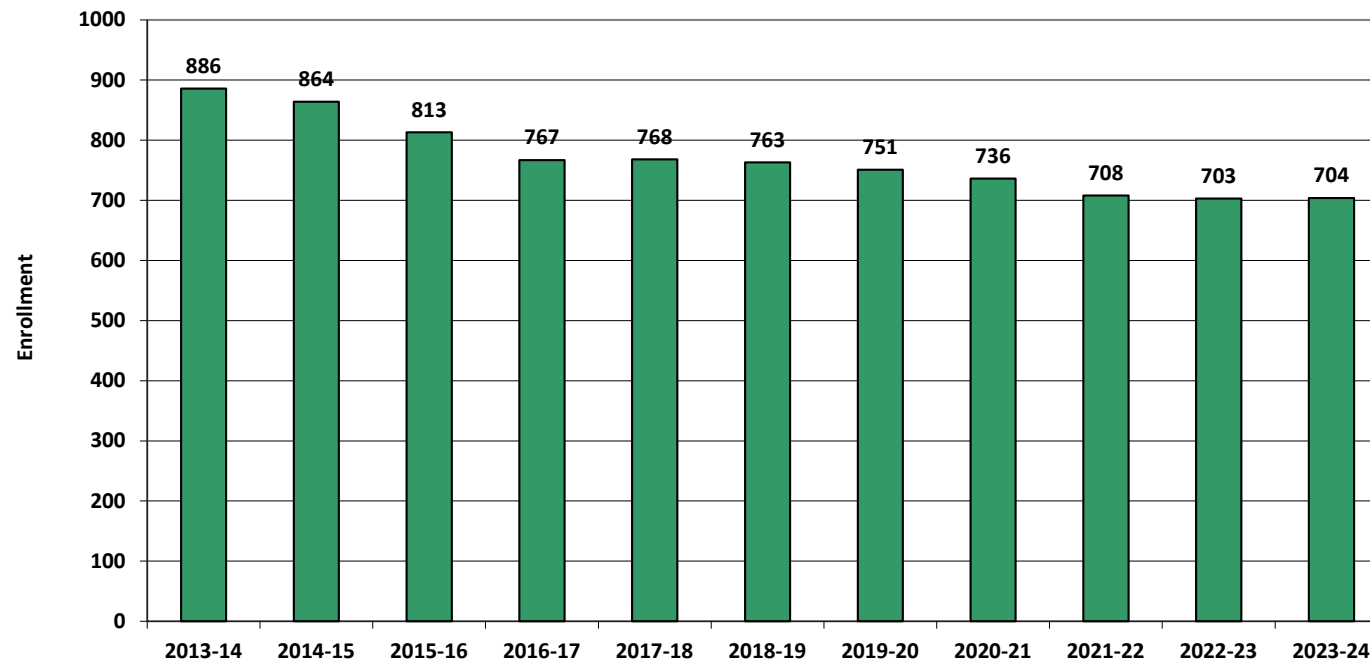
** < 10 Not reported, to protect subgroups with fewer than 10 students.

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	370	353	599	582	307	229	141	533	304
2014-15	362	350	583	571	272	221	145	514	293
2015-16	355	338	562	545	288	207	156	475	268
2016-17	326	306	523	503	242	197	119	461	264
2017-18	348	329	524	505	249	176	129	439	263
2018-19	357	333	551	527	258	194	122	430	236
2019-20	331	316	508	493	226	177	117	435	258
2020-21	348	334	521	507	233	173	128	402	229
2021-22	349	332	508	491	211	159	102	376	217
2022-23	359	330	513	484	202	154	104	373	219
2023-24	382	353	542	513	217	160	110	351	191

Historical Percentage Changes			
School Year	K-12	Diff.	%
2013-14	886		
2014-15	864	-22	-2.5%
2015-16	813	-51	-5.9%
2016-17	767	-46	-5.7%
2017-18	768	1	0.1%
2018-19	763	-5	-0.7%
2019-20	751	-12	-1.6%
2020-21	736	-15	-2.0%
2021-22	708	-28	-3.8%
2022-23	703	-5	-0.7%
2023-24	704	1	0.1%
Change	-182		-20.5%

Historical Enrollment

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



Projected Enrollment

School District: Atkinson, 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	29	65	51	57	59	64	57	50	51	59	40	51	53	47	0	704	733
2019	47		2024-25	29	54	79	50	56	60	65	55	51	50	52	40	51	56	0	719	748
2020	51		2025-26	29	59	66	78	50	57	61	63	56	50	44	52	40	54	0	730	759
2021	50		2026-27	29	58	72	65	77	51	58	59	64	55	44	44	52	42	0	741	770
2022	55	0	2027-28	30	63	71	71	64	78	52	56	60	63	49	44	44	55	0	770	800
2023	49	(est.)	2028-29	30	57	77	70	70	65	79	50	57	59	56	49	44	47	0	780	810
2024	50	(est.)	2029-30	30	58	69	76	69	71	66	77	51	56	52	56	49	47	0	797	827
2025	51	(est.)	2030-31	30	59	71	68	75	70	72	64	78	50	50	52	56	52	0	817	847
2026	51	(est.)	2031-32	31	59	72	70	67	76	71	70	65	77	44	50	52	59	0	832	863
2027	51	(est.)	2032-33	31	59	72	71	69	68	77	69	71	64	68	44	50	55	0	837	868
2028	51	(est.)	2033-34	32	58	72	71	70	70	69	75	70	70	57	69	44	53	0	848	880

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	382	353	542	513	217	160	110	351	191
2024-25	393	364	549	520	221	156	101	355	199
2025-26	400	371	569	540	230	169	106	359	190
2026-27	410	381	588	559	236	178	119	360	182
2027-28	429	399	608	578	231	179	123	371	192
2028-29	448	418	614	584	245	166	116	362	196
2029-30	439	409	623	593	250	184	107	388	204
2030-31	445	415	637	607	264	192	128	402	210
2031-32	446	415	658	627	283	212	142	417	205
2032-33	447	416	651	620	281	204	135	421	217
2033-34	442	410	657	625	284	215	140	438	223

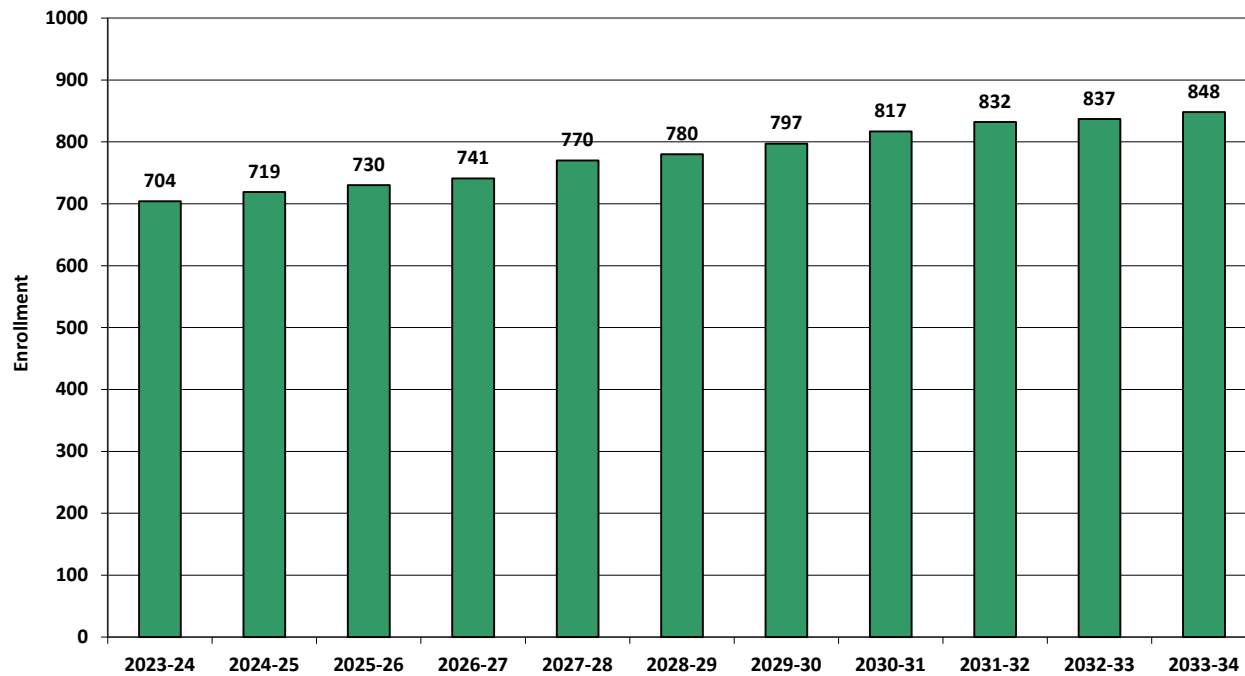
Projected Percentage Changes			
School Year	K-12	Diff.	%
2023-24	704		
2024-25	719	15	2.1%
2025-26	730	11	1.5%
2026-27	741	11	1.5%
2027-28	770	29	3.9%
2028-29	780	10	1.3%
2029-30	797	17	2.2%
2030-31	817	20	2.5%
2031-32	832	15	1.8%
2032-33	837	5	0.6%
2033-34	848	11	1.3%
Change	144		20.5%

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

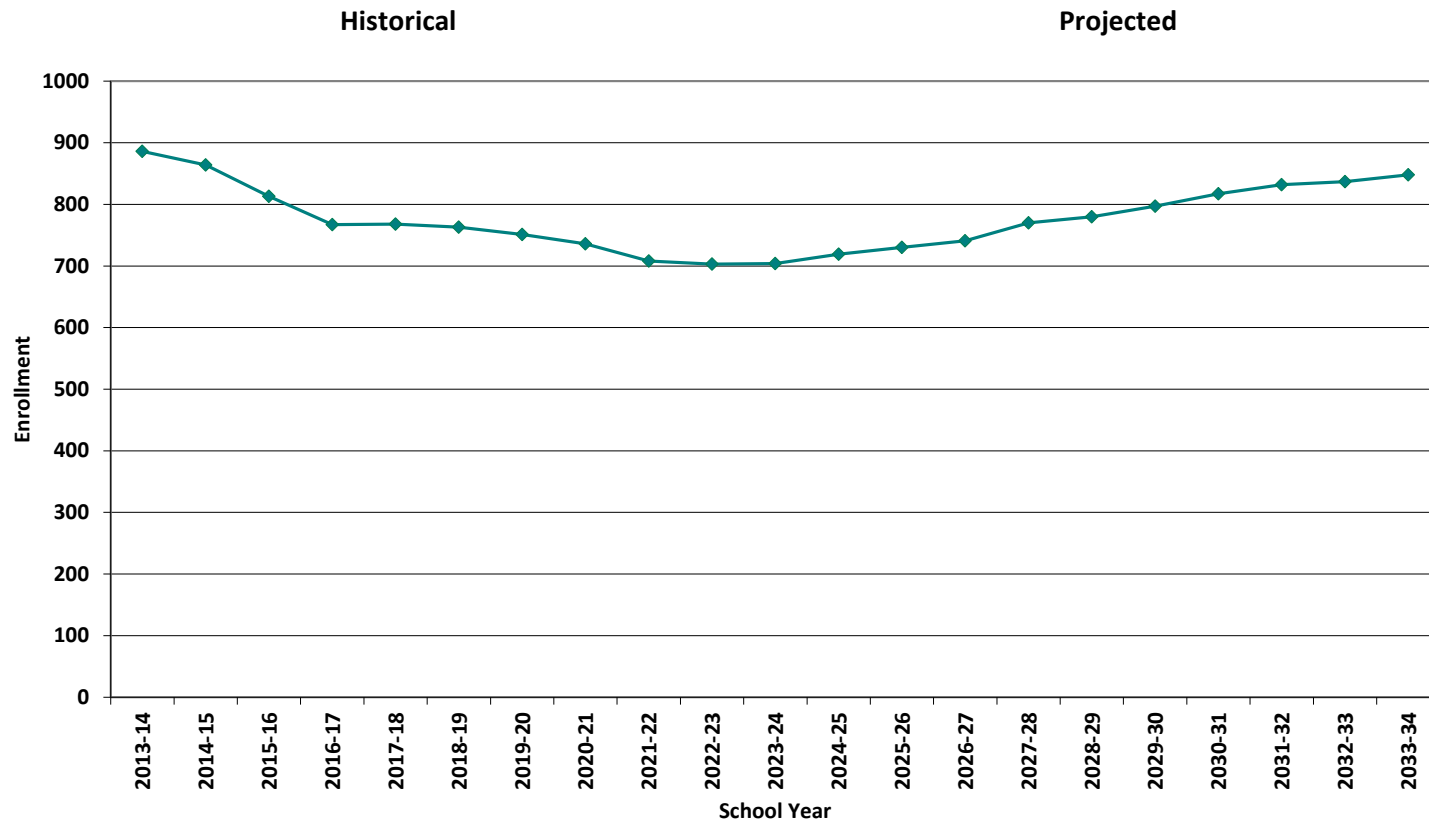
NESDEC

Projected Enrollment

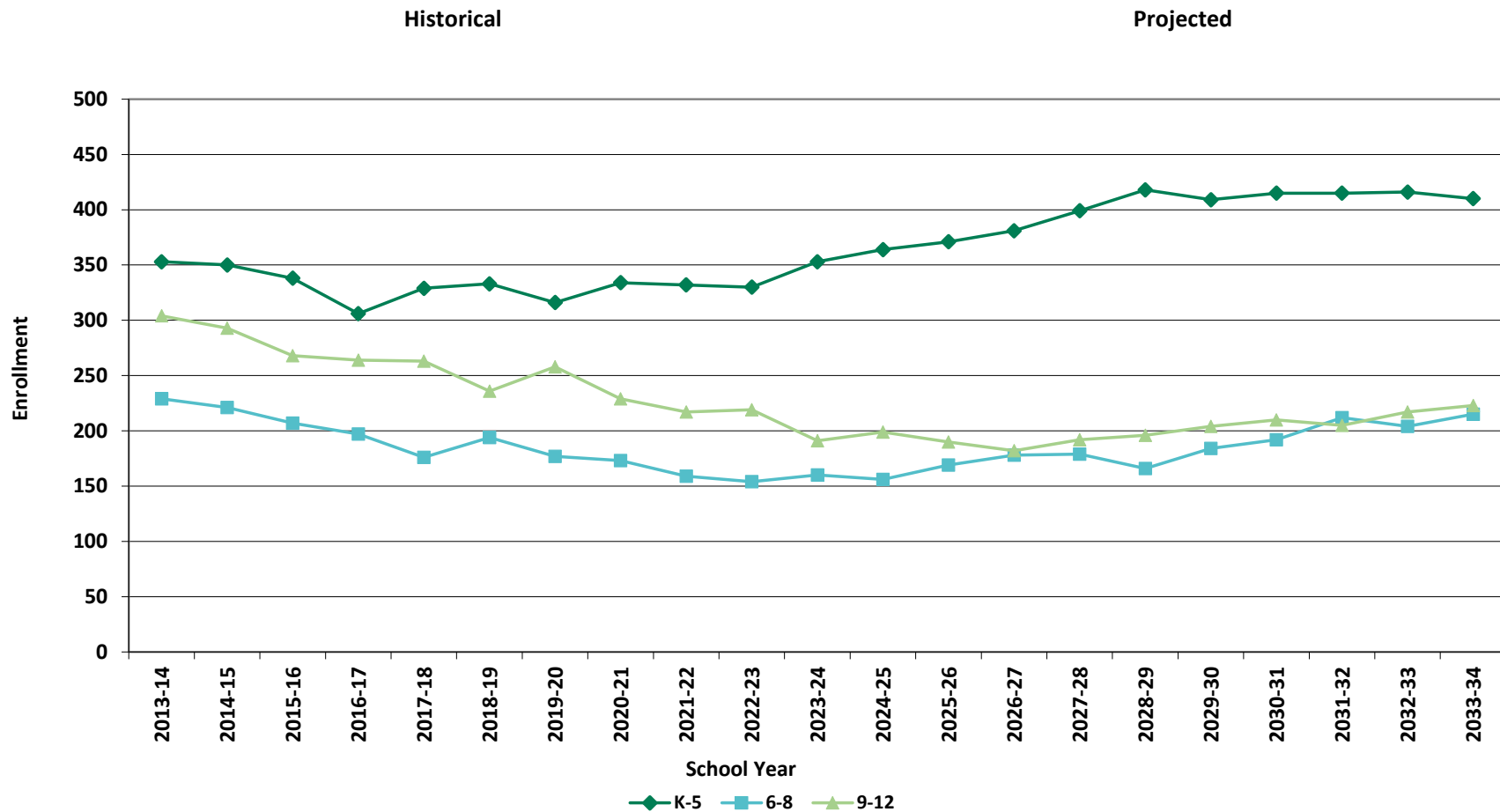
Grades K-12, School Years 2023-24 to 2033-34



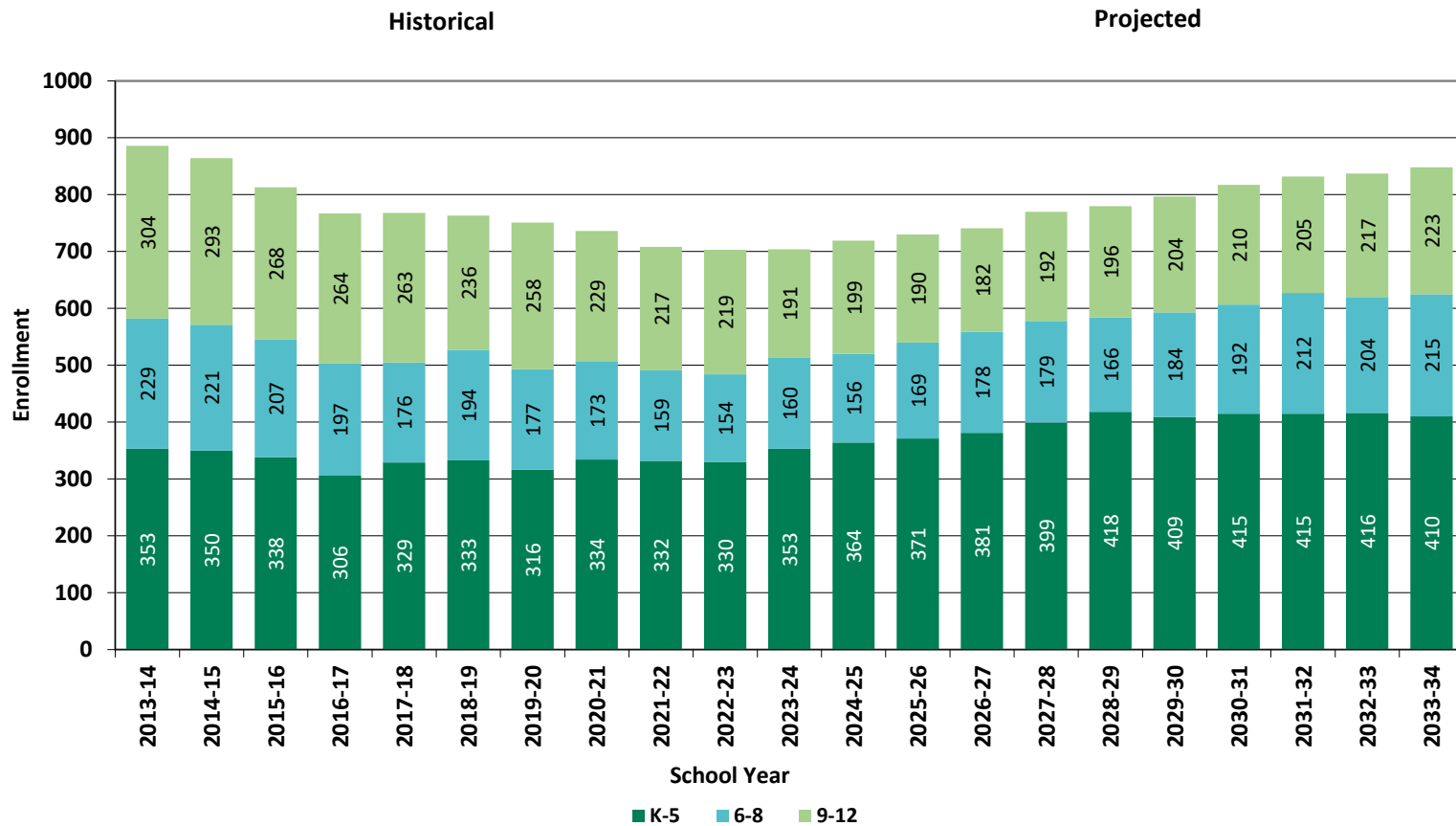
Historical & Projected Enrollment



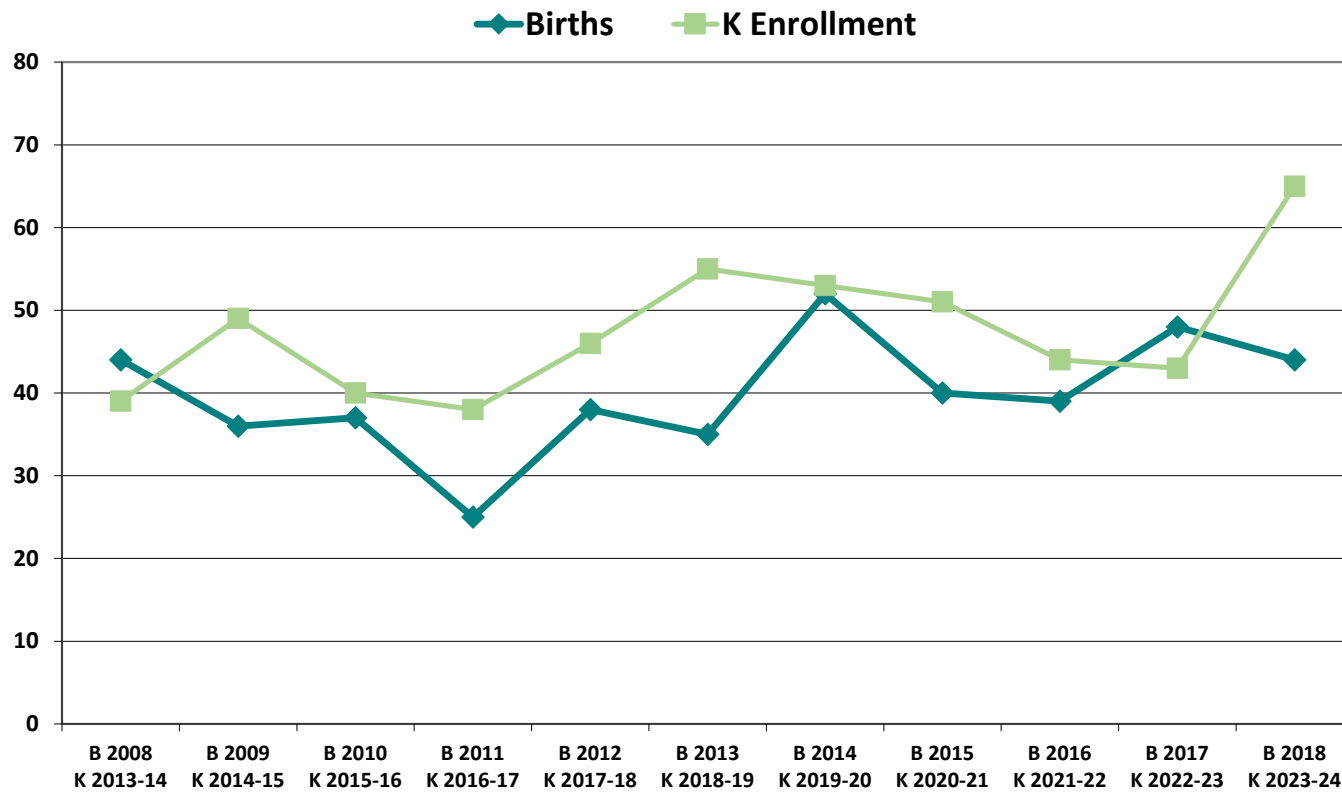
Historical & Projected Enrollments in Grade Combinations



Historical & Projected Enrollments in Grade Combinations



Birth-to-Kindergarten Relationship



Additional Information

Building Permits Issued (Source: HUD)		
Year	Single-Family	Multi-Units
2019	22	0
2020	28	32
2021	11	32
2022	1	32
2023	2 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 **	16
2020-21	n/a	n/a	0	0	< 10 **	17
2021-22	15	n/a	0	0	< 10 **	< 10 **
2022-23	24	n/a	0	0	< 10 **	< 10 **
2023-24	26	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).