



Atkinson, NH

SAU #106

Timberlane Regional School District

School Year 2023-24 Enrollment Projection Report

Spring Update

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Atkinson, NH Enrollment Summary Spring Update

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. For more information, please refer to the Methodology, Reliability and Use of this Document section.

We are pleased to send you this Spring Update. We have reviewed the updated Spring Enrollment and note that the enrollment growth is similar to the previous projection for Grades K-12. We look forward to fully updating enrollment data in Fall, 2024.



Historical Enrollment Spring Update

School District: Atkinson, NH - SAU #106 Timberlane

3/20/2024

NOTE: Spring enrollment data provided by the District.

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	Fall 2023	29	65	51	57	59	64	57	50	51	59	40	51	53	47	0	704	733
2024 Spring Update			27	65	51	57	60	65	58	49	51	60	40	51	53	47	0	707	734

*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
Fall 2023	382	353	542	513	217	160	110	351	191
Spring 2024	383	356	543	516	218	160	111	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%
Fall 2023	704	1	0.1%
Change	-182		-20.5%

Projected Enrollment Spring Update

School District: Atkinson, NH - SAU #106 Timberlane

3/20/2024

Note: Spring projections are based on updated Spring enrollment data.

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		Spring 2024	27	65	51	57	60	65	58	49	51	60	40	51	53	47		707	734
2019	47		2024-25	29	54	79	50	56	61	66	56	50	50	53	40	51	56		722	751
2020	51		2025-26	29	59	66	78	50	57	62	64	57	50	44	53	40	54		734	763
2021	50		2026-27	29	58	72	65	77	51	58	60	65	56	44	44	53	42		745	774
2022	55		2027-28	30	63	71	71	64	78	52	56	61	64	50	44	44	56		774	804
2023	49	(est.)	2028-29	30	57	77	70	70	65	79	50	57	60	57	50	44	47		783	813
2024	50	(est.)	2029-30	30	58	69	76	69	71	66	77	51	56	53	57	50	47		800	830
2025	51	(est.)	2030-31	30	59	71	68	75	70	72	64	78	50	50	53	57	53		820	850
2026	51	(est.)	2031-32	31	59	72	70	67	76	71	70	65	77	44	50	53	60		834	865
2027	51	(est.)	2032-33	31	59	72	71	69	68	77	69	71	64	68	44	50	56		838	869
2028	51	(est.)	2033-34	32	58	72	71	70	70	69	75	70	70	57	69	44	53		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.

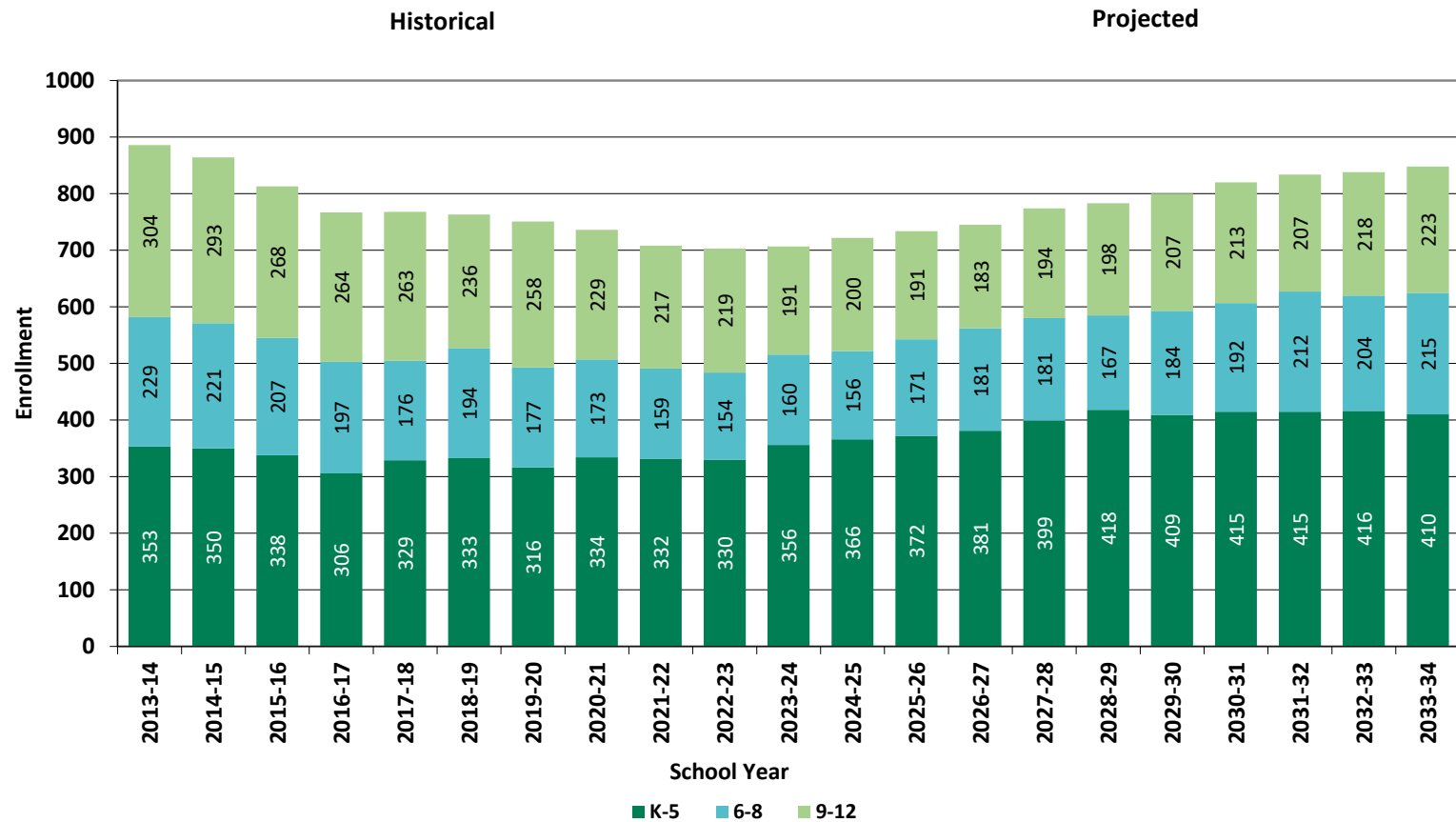
** < 10 Not reported, to protect subgroups with fewer than 10 students.

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
Spring 2024	383	356	543	516	218	160	111	351	191
2024-25	395	366	551	522	222	156	100	356	200
2025-26	401	372	572	543	233	171	107	362	191
2026-27	410	381	591	562	239	181	121	364	183
2027-28	429	399	610	580	233	181	125	375	194
2028-29	448	418	615	585	246	167	117	365	198
2029-30	439	409	623	593	250	184	107	391	207
2030-31	445	415	637	607	264	192	128	405	213
2031-32	446	415	658	627	283	212	142	419	207
2032-33	447	416	651	620	281	204	135	422	218
2033-34	442	410	657	625	284	215	140	438	223

Projected Percentage Changes			
School Year	K-12	Diff.	%
Spring 2024	707		
2024-25	722	15	2.1%
2025-26	734	12	1.7%
2026-27	745	11	1.5%
2027-28	774	29	3.9%
2028-29	783	9	1.2%
2029-30	800	17	2.2%
2030-31	820	20	2.5%
2031-32	834	14	1.7%
2032-33	838	4	0.5%
2033-34	848	10	1.2%
Change	141		19.9%

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

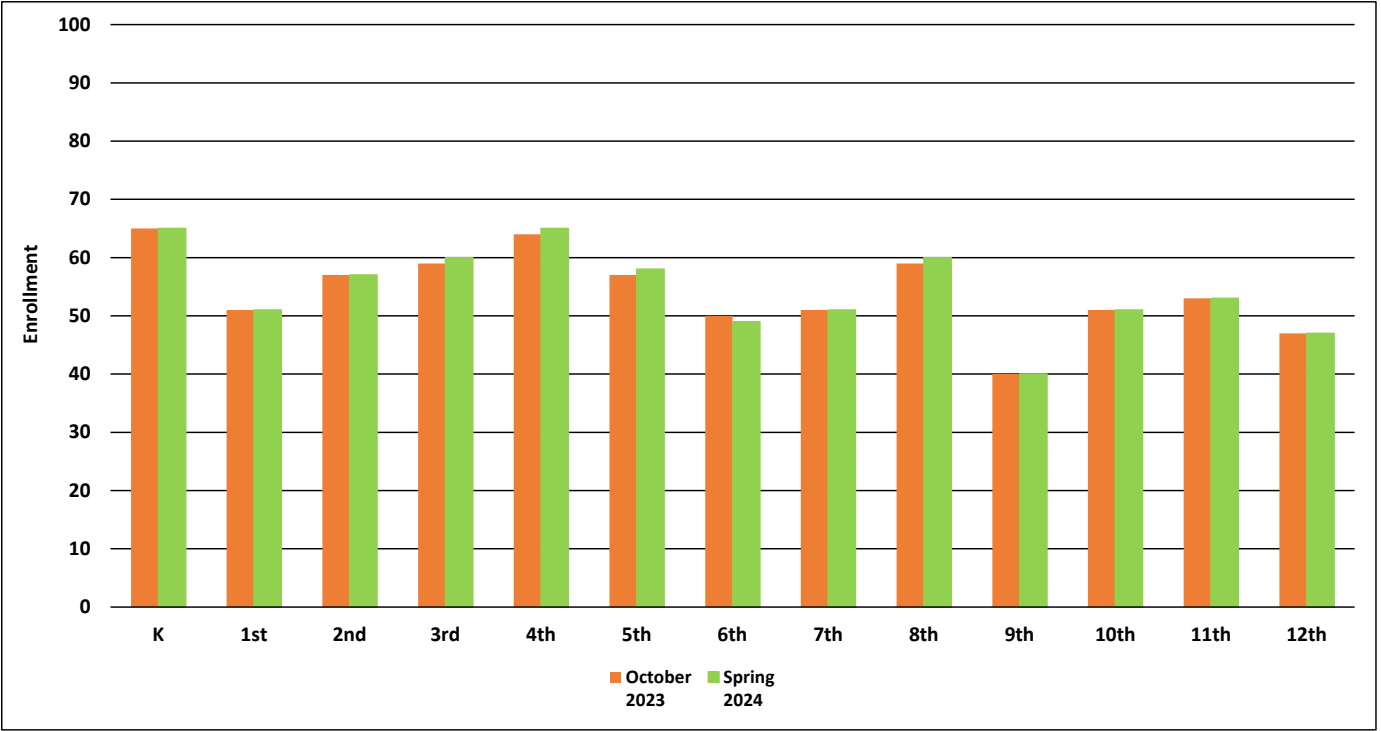
Historical & Spring Projected Enrollments in Grade Combinations



Note: Projections are based on Spring 2024 data.



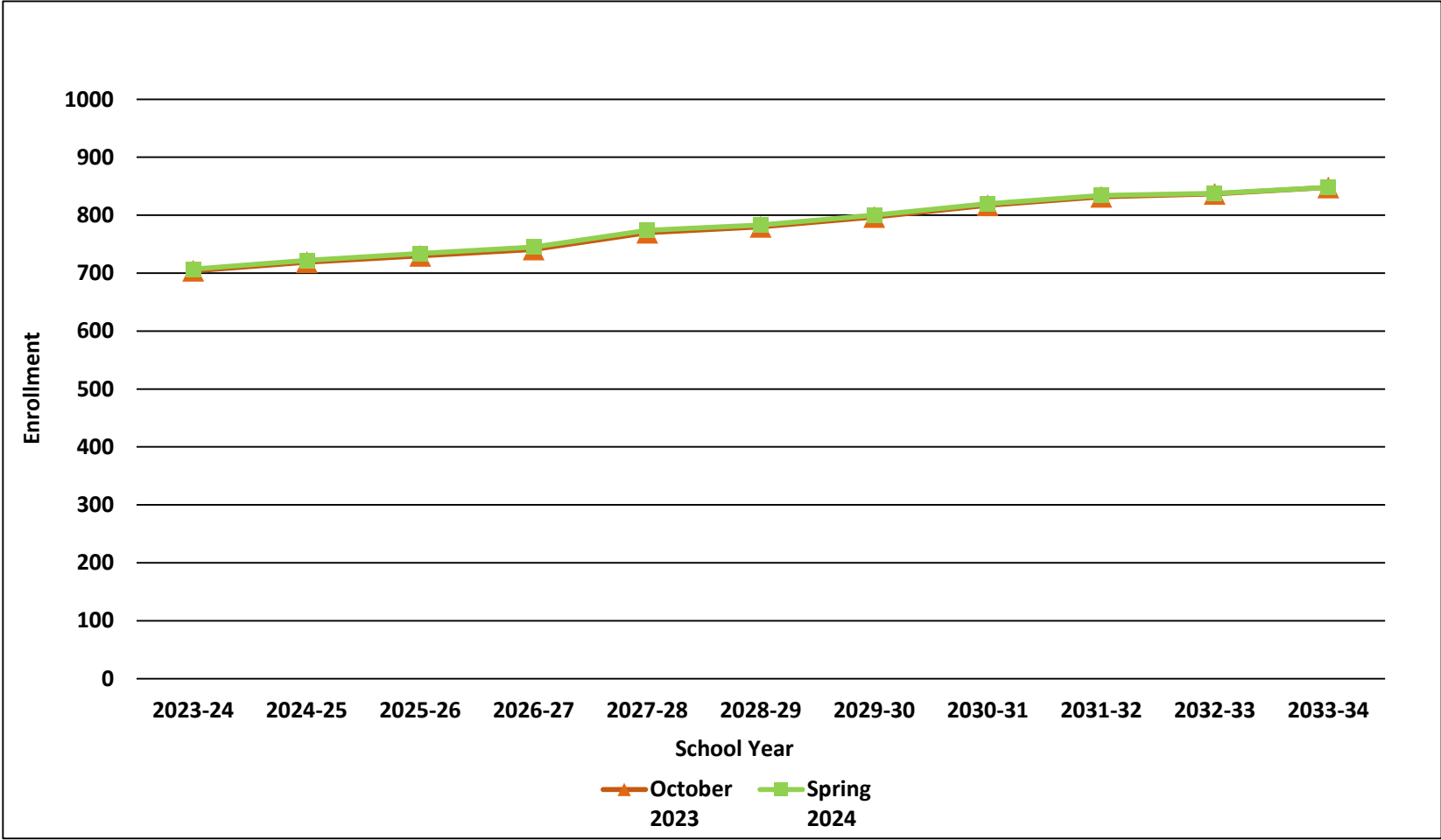
October 2023 vs. Spring 2024 Enrollment by Grade



	K	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th
October 2023	65	51	57	59	64	57	50	51	59	40	51	53	47
Spring 2024	65	51	57	60	65	58	49	51	60	40	51	53	47

NESDEC

Grades K-12 Projections October 2023 vs. Spring 2024



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).