



Sandown, NH

SAU #106

Timberlane Regional School District

School Year 2023-24 Enrollment Projection Report

Spring Update

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Sandown, 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: Sandown, 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	58	2013-14	17	55	69	74	74	68	70	88	89	78	88	78	84	92	0	1007	1024
2009	41	2014-15	17	47	60	71	74	73	66	66	89	90	75	85	84	89	0	969	986
2010	59	2015-16	52	67	58	63	72	72	77	60	67	85	93	73	87	90	0	964	1016
2011	48	2016-17	42	55	78	58	67	80	78	84	68	79	86	95	72	91	0	991	1033
2012	55	2017-18	94	67	67	75	62	67	83	79	86	73	80	87	94	76	0	996	1090
2013	61	2018-19	46	68	67	68	75	67	74	83	84	83	72	79	87	91	0	998	1044
2014	59	2019-20	85	70	63	62	71	72	68	80	92	86	86	74	81	92	0	997	1082
2015	73	2020-21	41	60	61	52	61	74	66	68	83	88	79	84	74	83	0	933	974
2016	71	2021-22	40	68	72	59	55	66	75	66	71	83	80	74	80	75	0	924	964
2017	69	2022-23	52	67	78	72	62	60	71	77	64	77	79	76	72	78	0	933	985
2018	80	Fall 2023	66	65	58	79	72	64	60	67	78	62	75	72	74	72	0	898	964
2024 Spring Update			62	65	59	79	72	66	61	68	78	61	75	73	72	72	0	901	963

*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	427	410	682	665	325	255	167	597	342
2014-15	408	391	653	636	311	245	179	578	333
2015-16	461	409	673	621	289	212	152	555	343
2016-17	458	416	689	647	309	231	147	575	344
2017-18	515	421	753	659	321	238	159	575	337
2018-19	465	419	715	669	324	250	167	579	329
2019-20	491	406	749	664	326	258	178	591	333
2020-21	415	374	654	613	305	239	171	559	320
2021-22	435	395	655	615	295	220	154	529	309
2022-23	462	410	680	628	289	218	141	523	305
Fall 2023	464	398	671	605	267	207	140	500	293
Spring 2024	464	402	671	609	268	207	139	499	292

Historical Percentage Changes			
School Year	K-12	Diff.	%
2013-14	1007		
2014-15	969	-38	-3.8%
2015-16	964	-5	-0.5%
2016-17	991	27	2.8%
2017-18	996	5	0.5%
2018-19	998	2	0.2%
2019-20	997	-1	-0.1%
2020-21	933	-64	-6.4%
2021-22	924	-9	-1.0%
2022-23	933	9	1.0%
Fall 2023	898	-35	-3.8%
Change	-109		-10.8%

Projected Enrollment Spring Update

School District: Sandown, 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	80		Spring 2024	62	65	59	79	72	66	61	68	78	61	75	73	72	72		901	963
2019	52		2024-25	66	51	69	58	81	76	67	60	69	79	58	72	71	72		883	949
2020	78		2025-26	67	77	54	68	60	86	77	66	61	70	75	56	70	71		891	958
2021	78		2026-27	67	77	82	53	70	64	87	76	67	62	67	72	55	70		902	969
2022	70	(prov.)	2027-28	68	69	82	81	55	74	65	86	78	68	59	64	70	55		906	974
2023	72	(est.)	2028-29	68	71	73	81	83	58	75	64	88	79	65	57	62	70		926	994
2024	70	(est.)	2029-30	69	69	75	72	83	88	59	74	65	90	75	62	56	62		930	999
2025	74	(est.)	2030-31	69	73	73	74	74	88	89	58	75	66	86	72	60	56		944	1013
2026	73	(est.)	2031-32	70	72	77	72	76	79	89	88	59	76	63	83	70	60		964	1034
2027	72	(est.)	2032-33	71	71	76	76	74	81	80	88	90	60	72	61	81	70		980	1051
2028	72	(est.)	2033-34	72	71	75	75	78	79	82	79	90	92	57	69	59	81		987	1059

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.

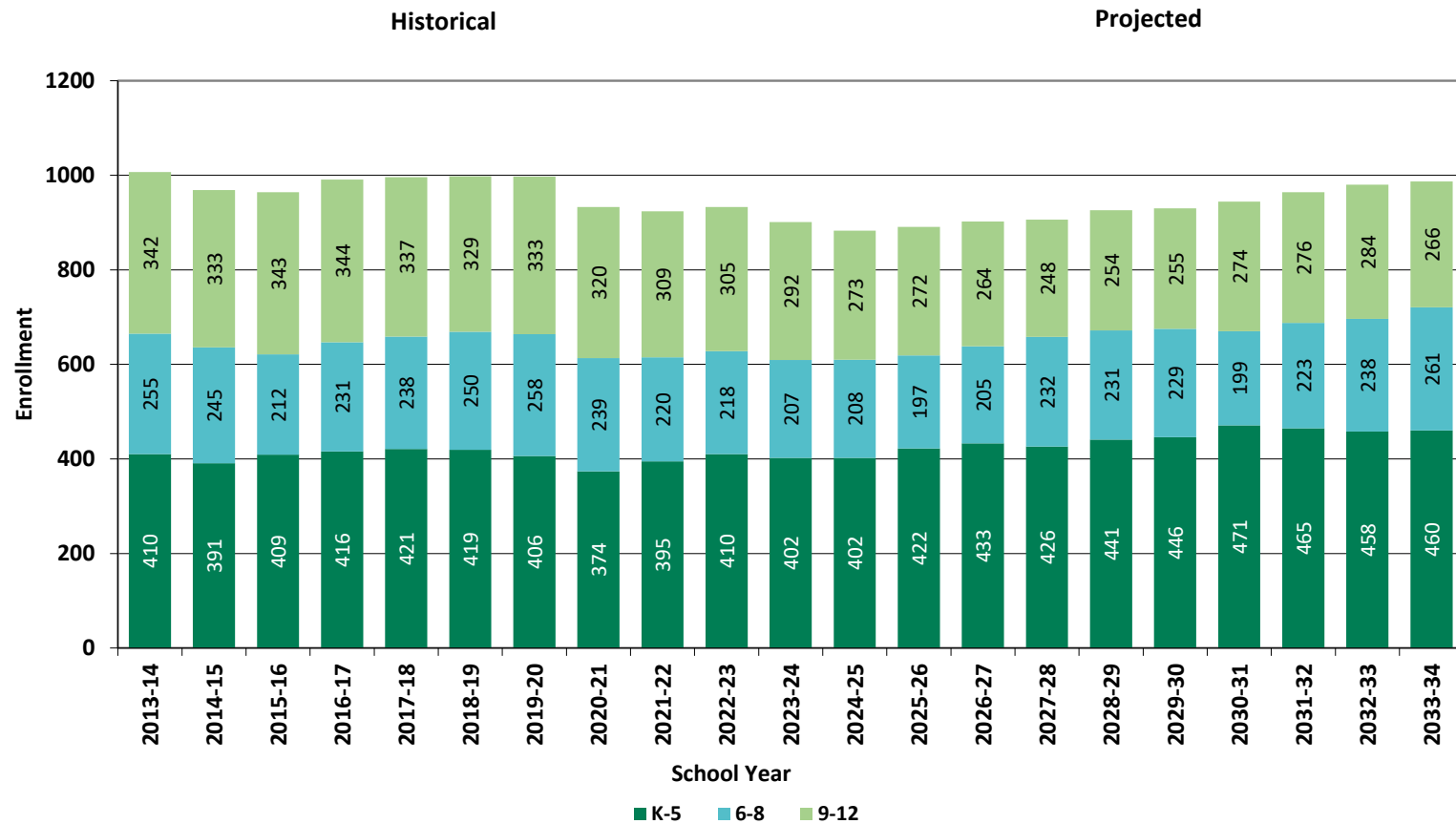
Projected Enrollment in Grade Combinations*									
School Year	PK-5	K-5	PK-8	K-8	5-8	6-8	7-8	6-12	9-12
Spring 2024	464	402	671	609	268	207	139	499	292
2024-25	468	402	676	610	275	208	148	481	273
2025-26	489	422	686	619	274	197	131	469	272
2026-27	500	433	705	638	292	205	129	469	264
2027-28	494	426	726	658	297	232	146	480	248
2028-29	509	441	740	672	306	231	167	485	254
2029-30	515	446	744	675	288	229	155	484	255
2030-31	540	471	739	670	288	199	141	473	274
2031-32	535	465	758	688	312	223	135	499	276
2032-33	529	458	767	696	318	238	150	522	284
2033-34	532	460	793	721	343	261	182	527	266

Projected Percentage Changes			
School Year	K-12	Diff.	%
Spring 2024	901		
2024-25	883	-18	-2.0%
2025-26	891	8	0.9%
2026-27	902	11	1.2%
2027-28	906	4	0.4%
2028-29	926	20	2.2%
2029-30	930	4	0.4%
2030-31	944	14	1.5%
2031-32	964	20	2.1%
2032-33	980	16	1.7%
2033-34	987	7	0.7%
Change	86		9.5%

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



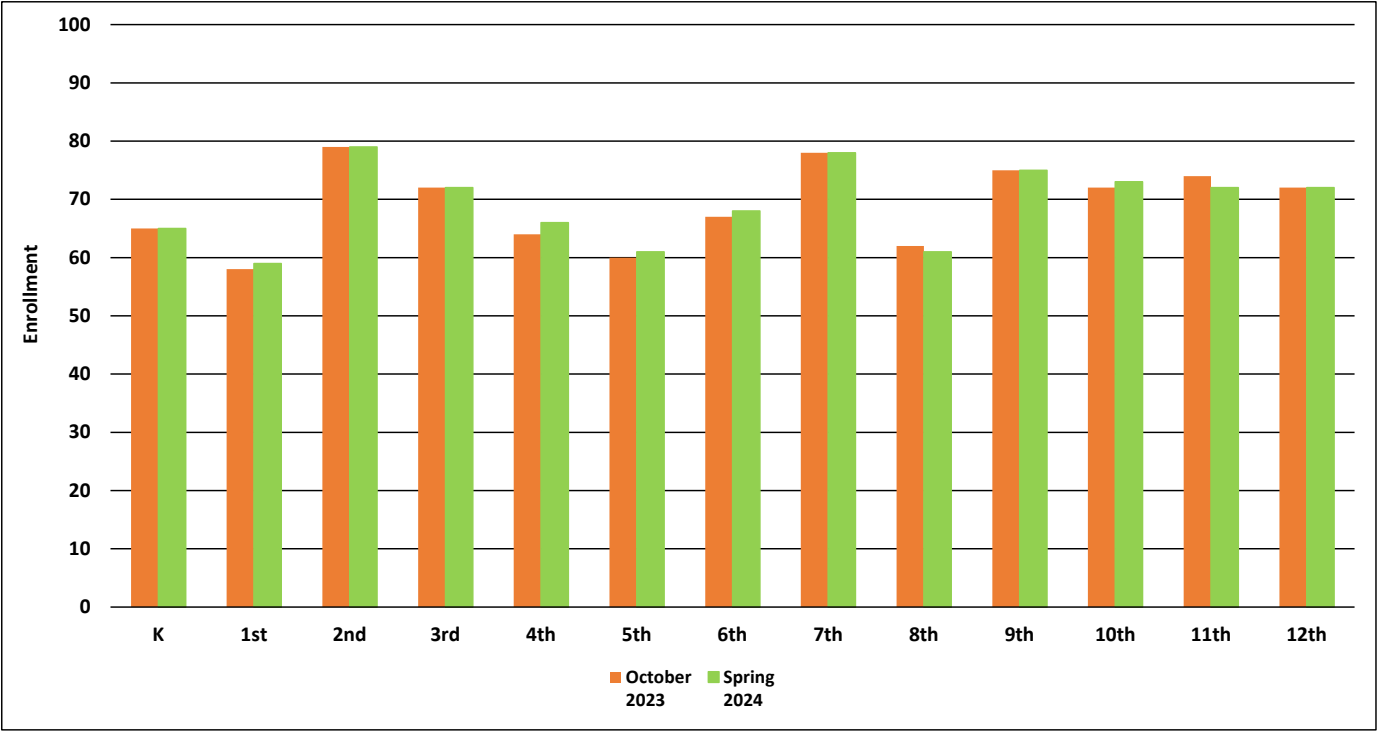
Historical & Spring Projected Enrollments in Grade Combinations



Note: Projections are based on Spring 2024 data.



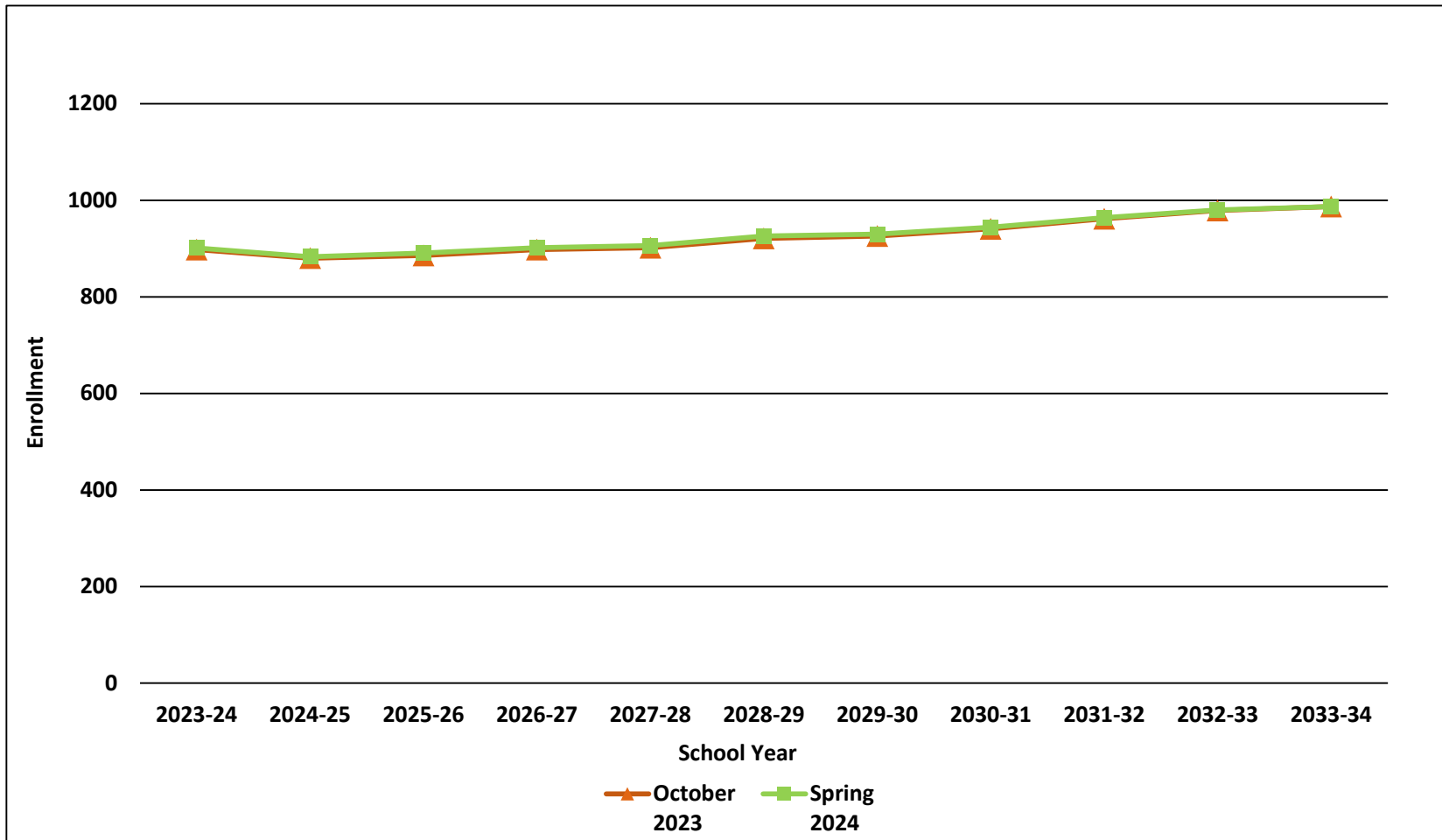
October 2023 vs. Spring 2024 Enrollment by Grade



	K	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th
October 2023	65	58	79	72	64	60	67	78	62	75	72	74	72
Spring 2024	65	59	79	72	66	61	68	78	61	75	73	72	72

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).