



SAU #106 - Timberlane

School Year 2023-24 Enrollment Projection Report Consolidated PK - 12

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SAU #106 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.

For the District, K-12 enrollments are projected to increase by 28 students over the next three years, as students pass through the grades.

Summary provided in each individual town report.

Historical Enrollment

School District: SAU #106, NH - 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	200	2013-14	117	205	265	241	258	267	294	316	286	329	302	331	354	348	0	3796	3913
2009	183	2014-15	99	212	248	264	244	258	262	291	307	283	310	297	334	356	0	3666	3765
2010	191	2015-16	100	196	226	258	271	246	261	266	293	311	277	310	304	347	0	3566	3666
2011	169	2016-17	112	210	216	229	256	277	244	273	265	293	301	274	301	315	0	3454	3566
2012	185	2017-18	137	220	248	220	239	259	286	253	270	266	280	301	274	301	0	3417	3554
2013	201	2018-19	132	217	233	250	225	244	255	289	252	268	249	283	296	273	0	3334	3466
2014	221	2019-20	123	249	231	227	261	235	251	264	296	252	271	248	276	301	0	3362	3485
2015	214	2020-21	92	187	247	215	222	259	224	229	260	285	241	268	255	284	0	3176	3268
2016	223	2021-22	101	234	241	244	224	234	263	226	236	254	257	238	262	271	0	3184	3285
2017	224	2022-23	148	220	267	244	247	234	239	267	227	243	248	254	237	268	0	3195	3343
2018	257	2023-24	149	243	226	262	244	252	225	238	268	222	224	240	255	242	0	3141	3290

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

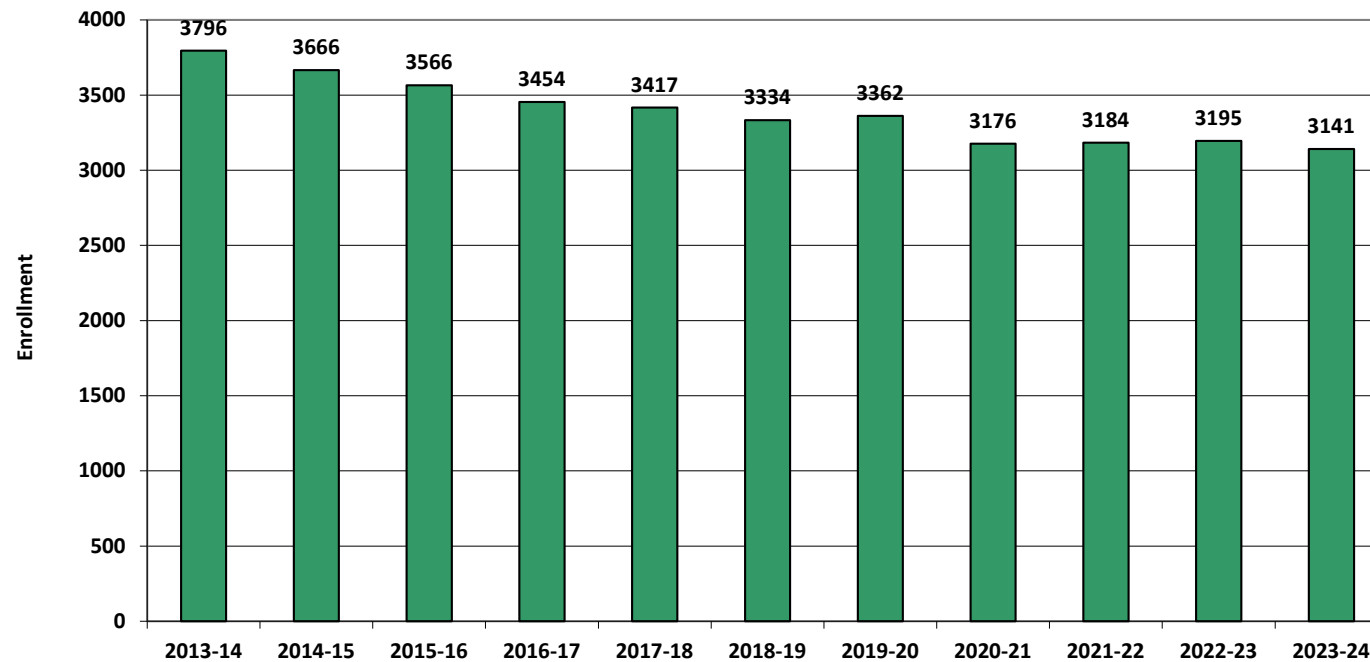
** < 10 Not reported, to protect subgroups with fewer than 10 students.

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	1647	1530	2578	2461	1225	931	615	2266	1335
2014-15	1587	1488	2468	2369	1143	881	590	2178	1297
2015-16	1558	1458	2428	2328	1131	870	604	2108	1238
2016-17	1544	1432	2375	2263	1075	831	558	2022	1191
2017-18	1609	1472	2398	2261	1075	789	536	1945	1156
2018-19	1556	1424	2365	2233	1064	809	520	1910	1101
2019-20	1577	1454	2389	2266	1063	812	548	1908	1096
2020-21	1446	1354	2220	2128	998	774	545	1822	1048
2021-22	1541	1440	2257	2156	979	716	490	1744	1028
2022-23	1599	1451	2336	2188	976	737	470	1744	1007
2023-24	1601	1452	2329	2180	953	728	490	1689	961

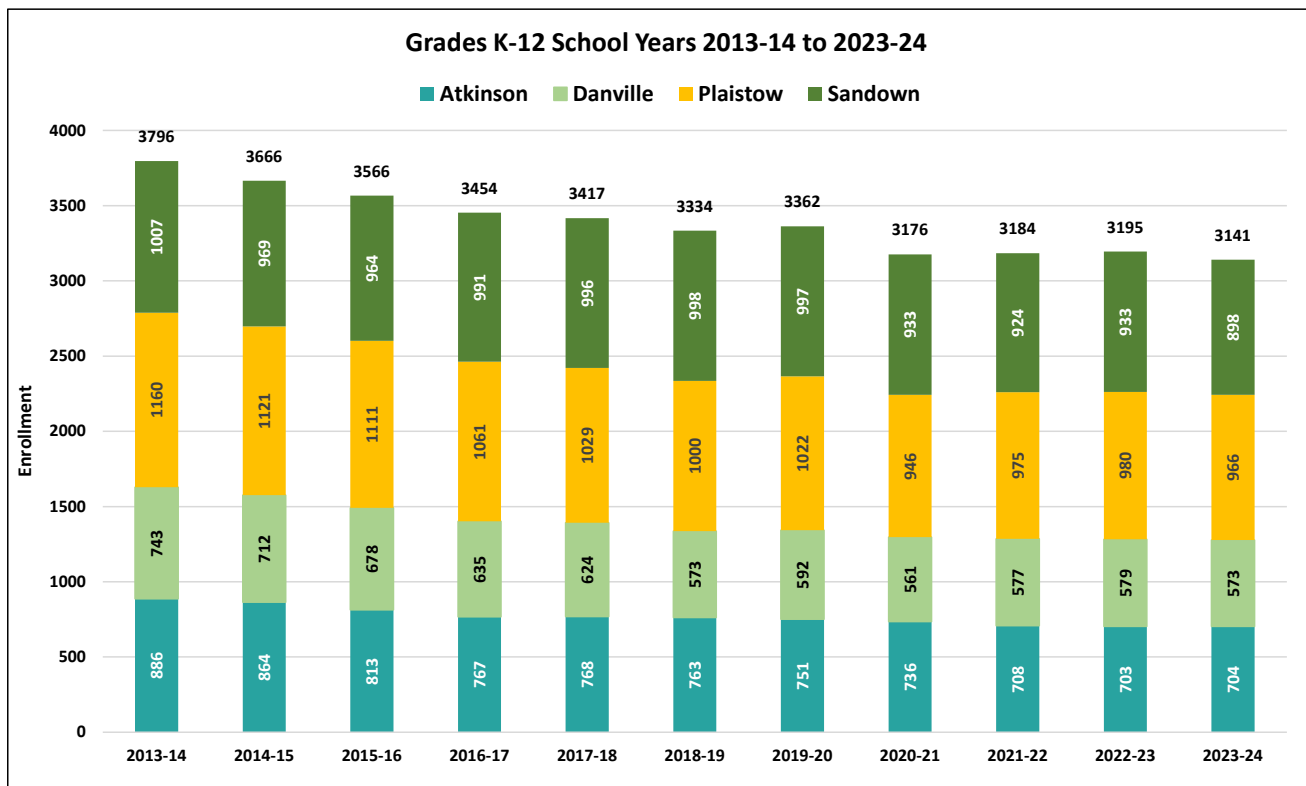
Historical Percentage Changes			
School Year	K-12	Diff.	%
2013-14	3796		
2014-15	3666	-130	-3.4%
2015-16	3566	-100	-2.7%
2016-17	3454	-112	-3.1%
2017-18	3417	-37	-1.1%
2018-19	3334	-83	-2.4%
2019-20	3362	28	0.8%
2020-21	3176	-186	-5.5%
2021-22	3184	8	0.3%
2022-23	3195	11	0.3%
2023-24	3141	-54	-1.7%
Change		-655	-17.3%

Historical Enrollment

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



Historical Enrollment By Town



Town	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
Atkinson	23%	24%	23%	22%	22%	23%	22%	23%	22%	22%	22%
Danville	20%	19%	19%	18%	18%	17%	18%	18%	18%	18%	18%
Plaistow	31%	31%	31%	31%	30%	30%	30%	30%	31%	31%	31%
Sandown	27%	26%	27%	29%	29%	30%	30%	29%	29%	29%	29%

* percentages rounded

Projected Enrollment

School District: SAU #106, NH - 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	257		2023-24	149	243	226	262	244	252	225	238	268	222	224	240	255	242	0	3141	3290
2019	212		2024-25	149	216	271	224	266	252	251	224	241	266	210	221	239	262	0	3143	3292
2020	227		2025-26	151	232	241	269	229	275	251	251	227	240	253	208	220	246	0	3142	3293
2021	238		2026-27	151	243	259	239	273	236	275	251	254	226	228	251	208	226	0	3169	3320
2022	233	0	2027-28	155	238	271	258	243	282	236	276	255	252	215	225	251	214	0	3216	3371
2023	233	(est.)	2028-29	155	238	266	269	261	251	281	237	280	253	240	213	224	259	0	3272	3427
2024	229	(est.)	2029-30	157	233	264	264	273	269	250	282	240	279	240	238	213	231	0	3276	3433
2025	232	(est.)	2030-31	157	237	260	262	267	282	269	251	285	238	266	237	237	220	0	3311	3468
2026	233	(est.)	2031-32	161	239	264	258	266	276	282	269	254	283	226	263	236	244	0	3360	3521
2027	232	(est.)	2032-33	163	236	266	262	262	276	276	283	273	252	267	224	262	243	0	3382	3545
2028	232	(est.)	2033-34	166	236	263	264	266	270	275	277	287	273	239	265	224	270	0	3409	3575

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	1601	1452	2329	2180	953	728	490	1689	961
2024-25	1629	1480	2360	2211	982	731	507	1663	932
2025-26	1648	1497	2366	2215	969	718	467	1645	927
2026-27	1676	1525	2407	2256	1006	731	480	1644	913
2027-28	1683	1528	2466	2311	1019	783	507	1688	905
2028-29	1721	1566	2491	2336	1051	770	533	1706	936
2029-30	1710	1553	2511	2354	1051	801	519	1723	922
2030-31	1734	1577	2508	2351	1043	774	523	1734	960
2031-32	1746	1585	2552	2391	1088	806	537	1775	969
2032-33	1741	1578	2549	2386	1084	808	525	1804	996
2033-34	1740	1574	2577	2411	1112	837	560	1835	998

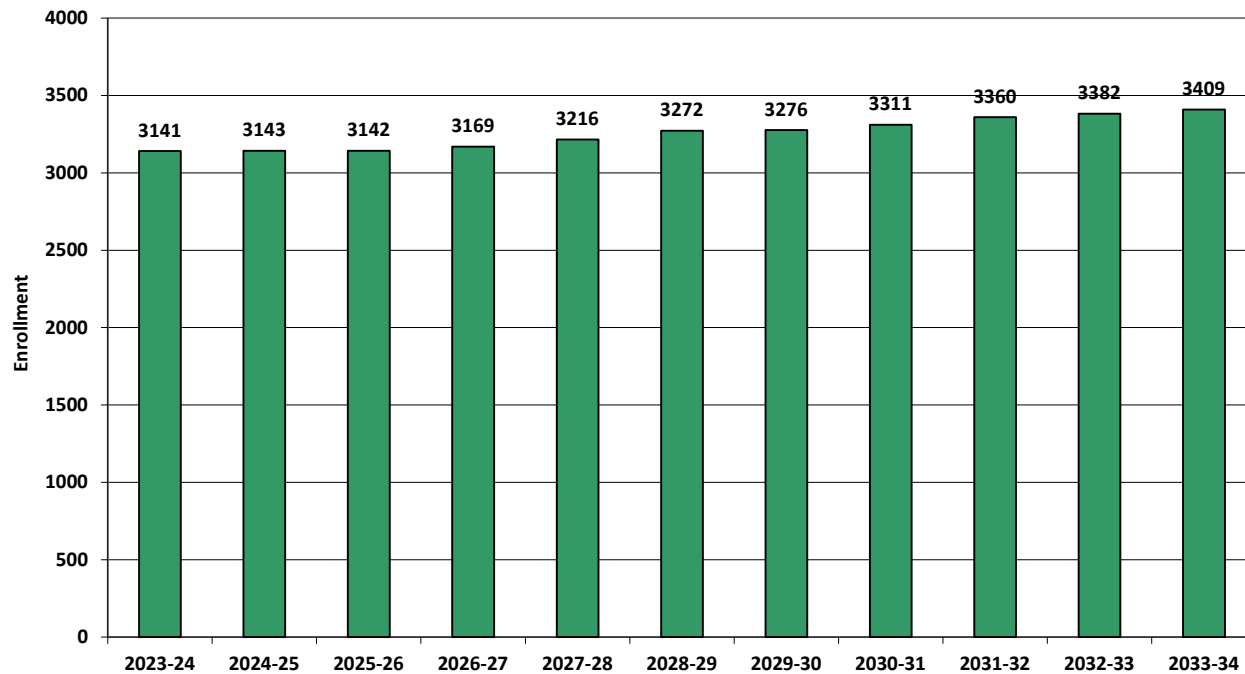
Projected Percentage Changes			
School Year	K-12	Diff.	%
2023-24	3141		
2024-25	3143	2	0.1%
2025-26	3142	-1	0.0%
2026-27	3169	27	0.9%
2027-28	3216	47	1.5%
2028-29	3272	56	1.7%
2029-30	3276	4	0.1%
2030-31	3311	35	1.1%
2031-32	3360	49	1.5%
2032-33	3382	22	0.7%
2033-34	3409	27	0.8%
Change	268		8.5%

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

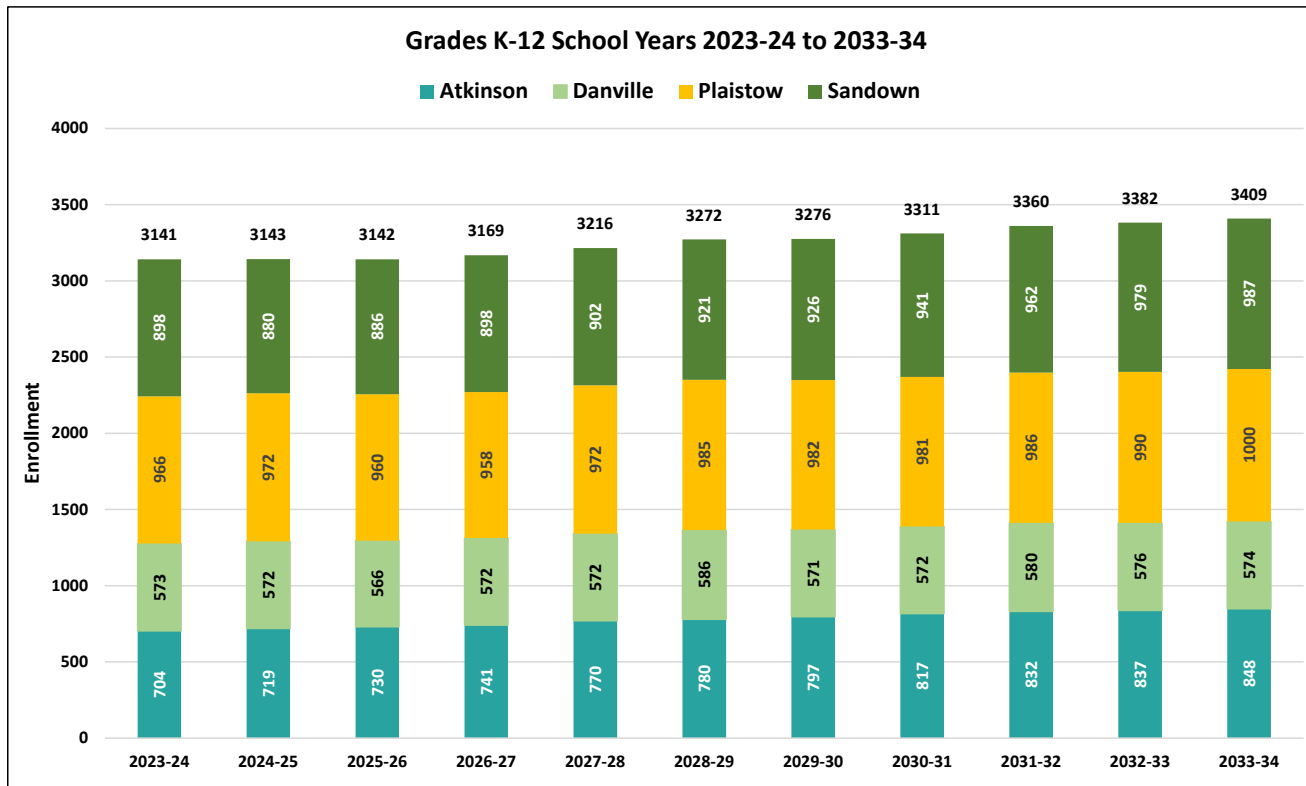
NESDEC

Projected Enrollment

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



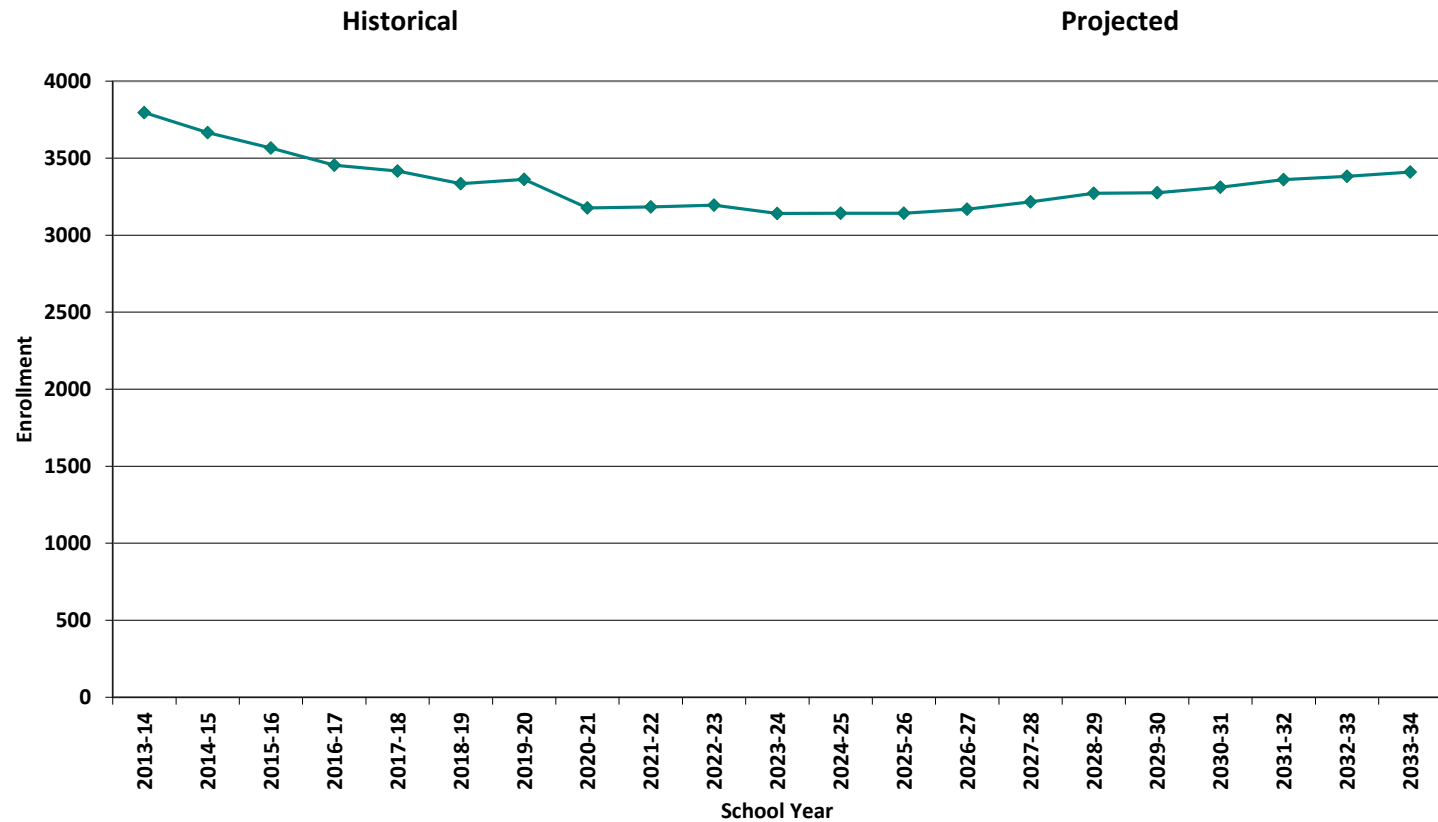
Projected Enrollment By Town



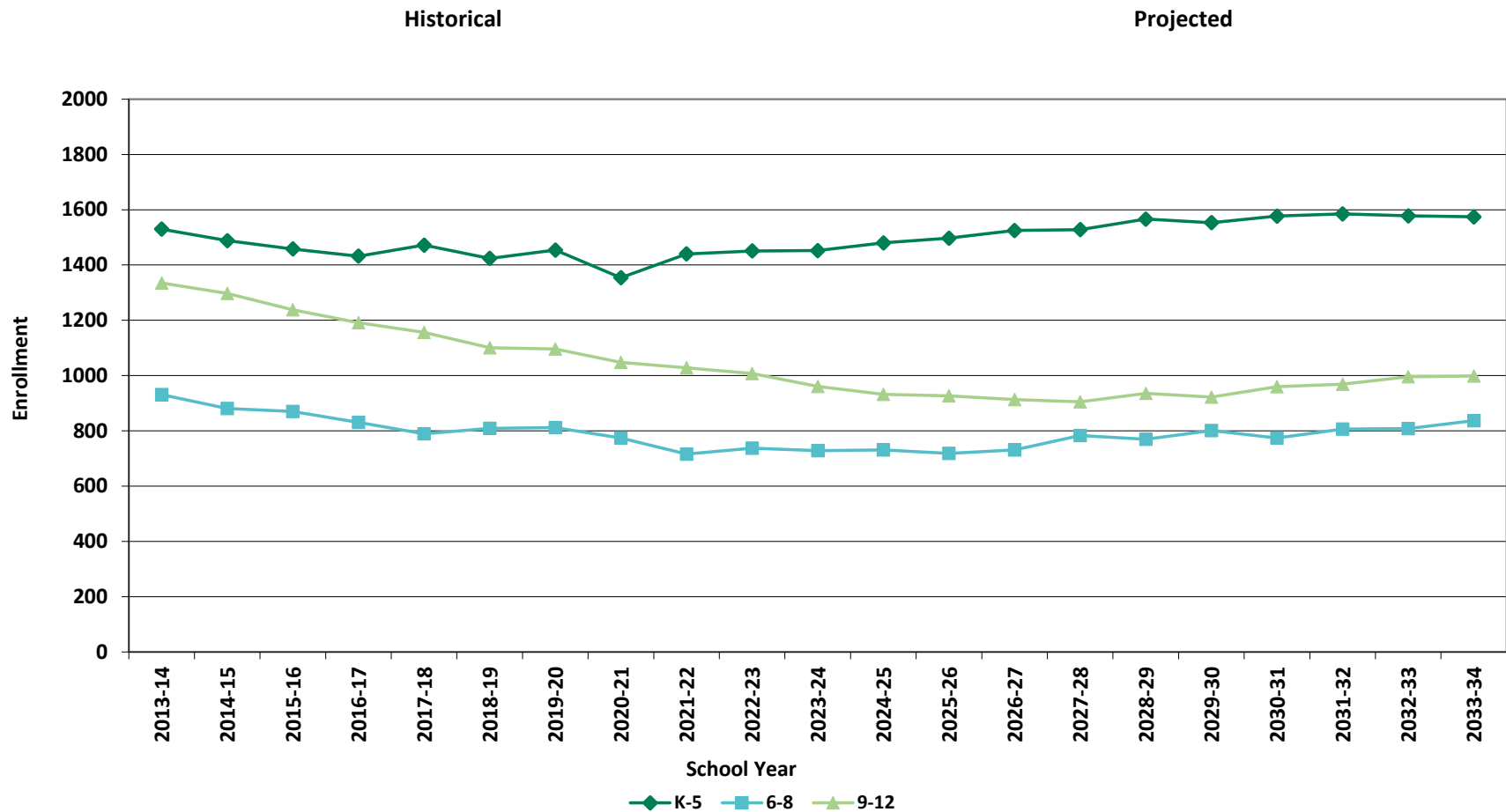
Town	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34
Atkinson	22%	23%	23%	23%	24%	24%	24%	25%	25%	25%	25%
Danville	18%	18%	18%	18%	18%	18%	17%	17%	17%	17%	17%
Plaistow	31%	31%	31%	30%	30%	30%	30%	30%	29%	29%	29%
Sandown	29%	28%	28%	28%	28%	28%	28%	28%	29%	29%	29%

* percentages rounded

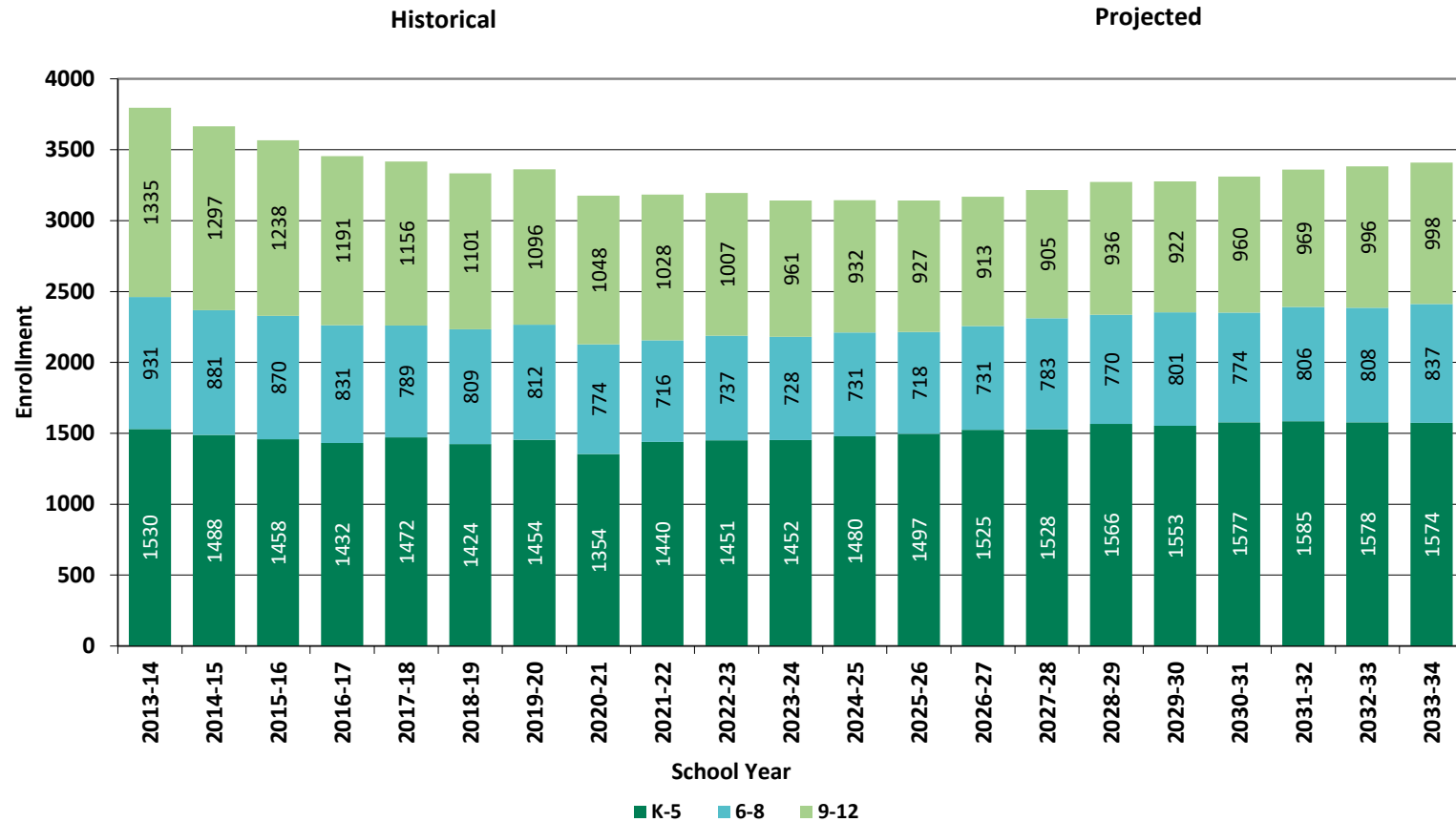
Historical & Projected Enrollment



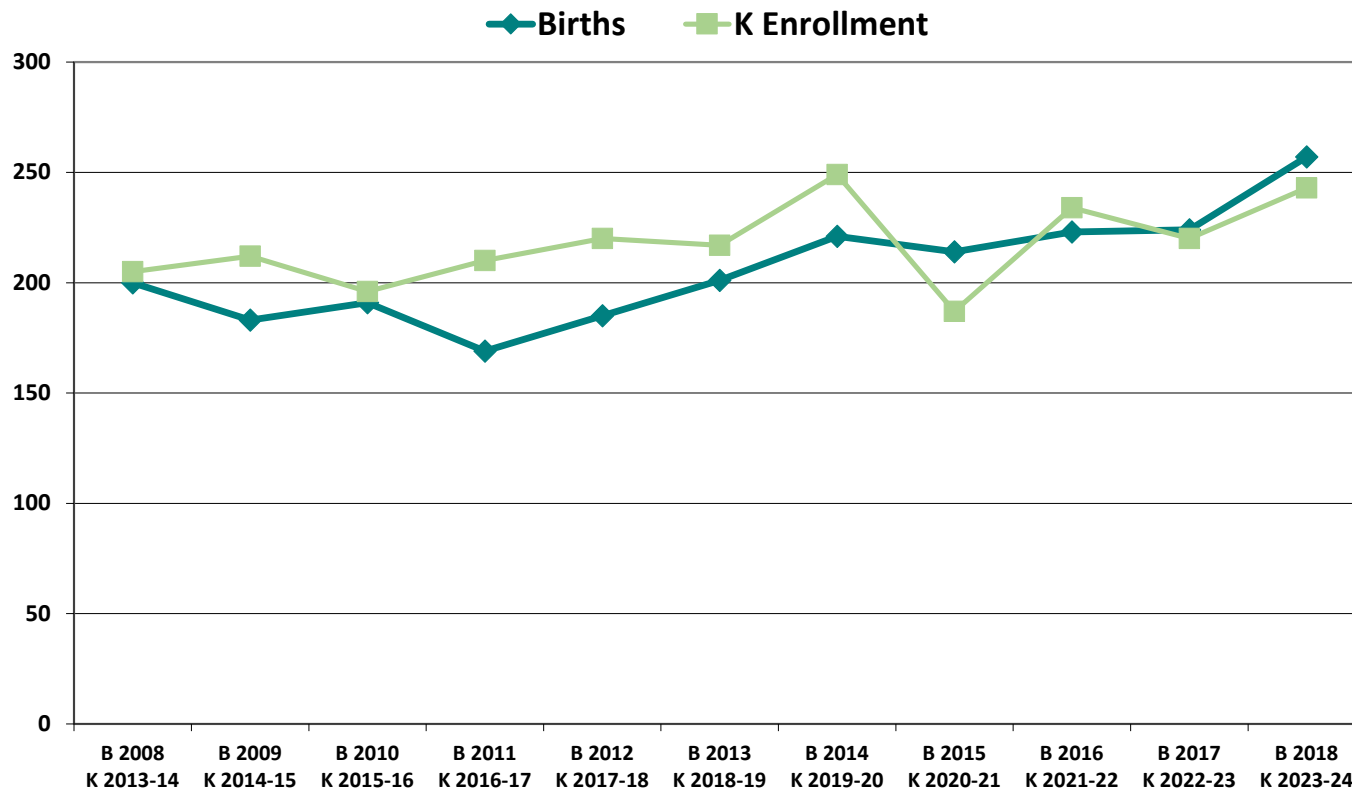
Historical & Projected Enrollments in Grade Combinations



Historical & Projected Enrollments in Grade Combinations



Birth-to-Kindergarten Relationship





Additional Information

Combined Building Permits Issued (Source: HUD)		
Year	Single-Family	Multi-Units
2019	65	14
2020	89	34
2021	40	42
2022	41	57
2023	47 to date	0 to date

Combined District						
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	< 10 **	< 10 **	34	90
2020-21	n/a	n/a	< 10 **	< 10 **	49	185
2021-22	83	n/a	< 10 **	0	36	46
2022-23	107	n/a	< 10 **	0	25	22
2023-24	125	n/a	< 10 **	0	25	33

*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).