



SAU #05
Oyster River Cooperative School District
Durham, NH

School Year 2023-24 Enrollment Projection Report

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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 27 students of the K-12 total, 2,118 students projected vs. 2,091 enrolled.

Births increased by 18 from a previous ten-year average of 84 to a projected average of 102, which could lead to an increase in Kindergarten enrollments. In most districts, Grades 1-8 are very stable in enrollments. However, there have been increases in 8 of the 8 most recent years, leading to a net increase averaging 33 students per year.

Over the next three years, Grades K-4 enrollments are projected to increase by 112 students, Grades 5-8 enrollments are projected to decrease by 66 students and Grades 9-12 enrollments are projected to decrease by 18 students, as students move through the grades.

Historical Enrollment

School District: SAU #05, NH - Oyster River Cooperative School District

10/17/2023

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	92	2013-14	0	99	157	139	152	153	171	175	162	174	184	146	181	165	0	2058	2058
2009	105	2014-15	0	112	130	152	144	159	162	178	176	163	198	184	146	191	0	2095	2095
2010	75	2015-16	24	107	133	131	153	143	162	163	176	173	187	197	181	149	0	2055	2079
2011	78	2016-17	24	116	132	144	141	160	150	167	164	175	210	184	187	185	0	2115	2139
2012	76	2017-18	32	119	135	140	149	152	169	159	169	163	212	209	179	193	0	2148	2180
2013	77	2018-19	24	92	138	147	148	156	159	179	161	170	214	206	207	185	0	2162	2186
2014	70	2019-20	34	120	101	150	149	151	162	159	183	161	210	217	205	205	0	2173	2207
2015	91	2020-21	0	101	112	106	148	147	152	161	160	185	210	204	218	207	0	2111	2111
2016	94	2021-22	32	128	104	125	112	145	153	160	159	158	223	211	202	226	0	2106	2138
2017	87	2022-23	0	127	132	118	126	122	153	166	161	164	207	227	207	205	0	2115	2115
2018	89	2023-24	0	119	129	134	118	129	132	155	168	166	205	199	223	214	0	2091	2091

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

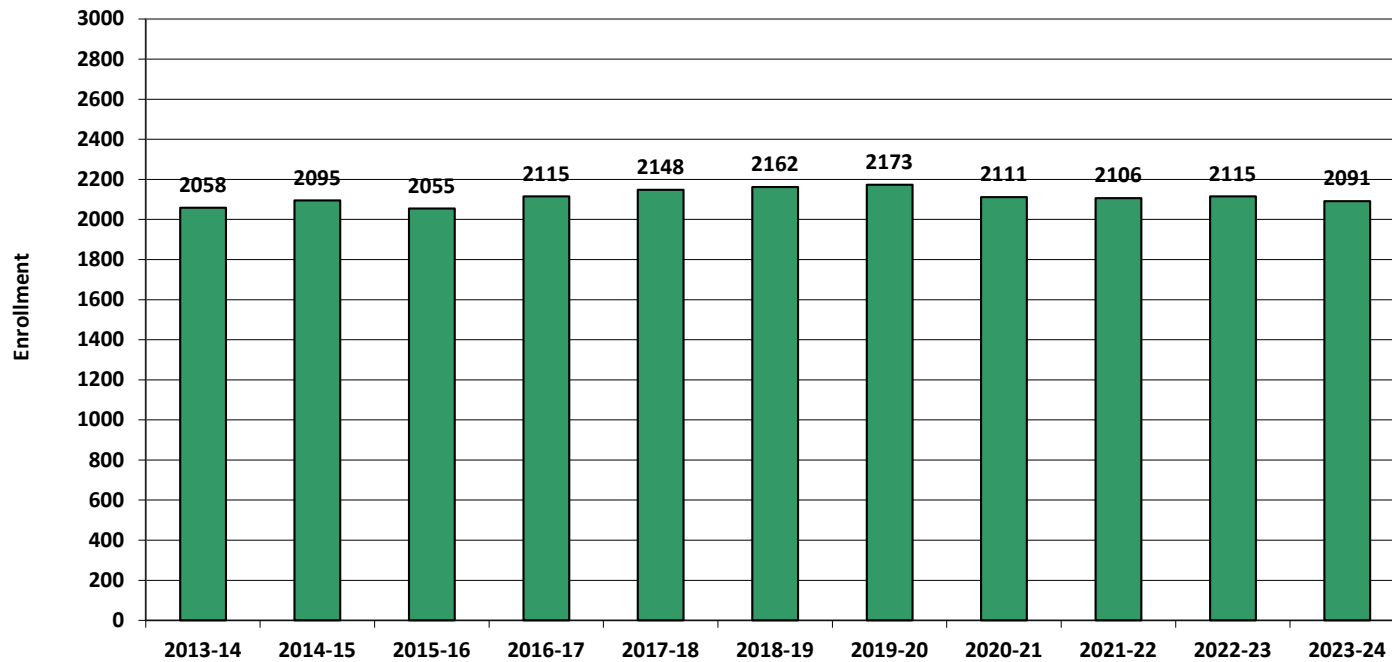
** < 10 Not reported, to protect subgroups with fewer than 10 students.

Historical Enrollment in Grade Combinations									
School Year	PK-4	K-4	K-2	3-4	5-8	6-8	K-8	5-12	9-12
2013-14	700	700	395	305	682	511	1382	1358	676
2014-15	697	697	394	303	679	517	1376	1398	719
2015-16	691	667	371	296	674	512	1341	1388	714
2016-17	717	693	392	301	656	506	1349	1422	766
2017-18	727	695	394	301	660	491	1355	1453	793
2018-19	705	681	377	304	669	510	1350	1481	812
2019-20	705	671	371	300	665	503	1336	1502	837
2020-21	614	614	319	295	658	506	1272	1497	839
2021-22	646	614	357	257	630	477	1244	1492	862
2022-23	625	625	377	248	644	491	1269	1490	846
2023-24	629	629	382	247	621	489	1250	1462	841

Historical Percentage Changes			
School Year	K-12	Diff.	%
2013-14	2058		
2014-15	2095	37	1.8%
2015-16	2055	-40	-1.9%
2016-17	2115	60	2.9%
2017-18	2148	33	1.6%
2018-19	2162	14	0.7%
2019-20	2173	11	0.5%
2020-21	2111	-62	-2.9%
2021-22	2106	-5	-0.2%
2022-23	2115	9	0.4%
2023-24	2091	-24	-1.1%
Change		33	1.6%

Historical Enrollment

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



Projected Enrollment

School District: SAU #05, NH - Oyster River Cooperative School District

10/17/2023

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	89		2023-24	0	119	129	134	118	129	132	155	168	166	205	199	223	214	0	2091	2091
2019	108		2024-25	0	146	122	140	136	120	135	137	155	171	208	204	196	229	0	2099	2099
2020	112		2025-26	0	151	150	133	142	139	126	140	137	158	215	207	201	202	0	2101	2101
2021	106		2026-27	0	143	155	163	135	145	145	131	140	139	198	214	204	207	0	2119	2119
2022	95	(prov.)	2027-28	0	128	147	169	165	138	152	151	131	142	174	197	211	210	0	2115	2115
2023	102	(est.)	2028-29	0	138	131	160	171	168	144	158	151	133	178	173	194	217	0	2116	2116
2024	105	(est.)	2029-30	0	141	142	143	162	174	176	150	158	154	167	177	170	200	0	2114	2114
2025	104	(est.)	2030-31	0	140	145	155	145	165	182	183	150	161	193	166	174	175	0	2134	2134
2026	102	(est.)	2031-32	0	138	144	158	157	148	173	189	183	153	202	192	163	179	0	2179	2179
2027	102	(est.)	2032-33	0	137	142	157	160	160	155	180	189	186	192	201	189	168	0	2216	2216
2028	103	(est.)	2033-34	0	139	141	155	159	163	167	161	180	192	233	191	198	194	0	2273	2273

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.

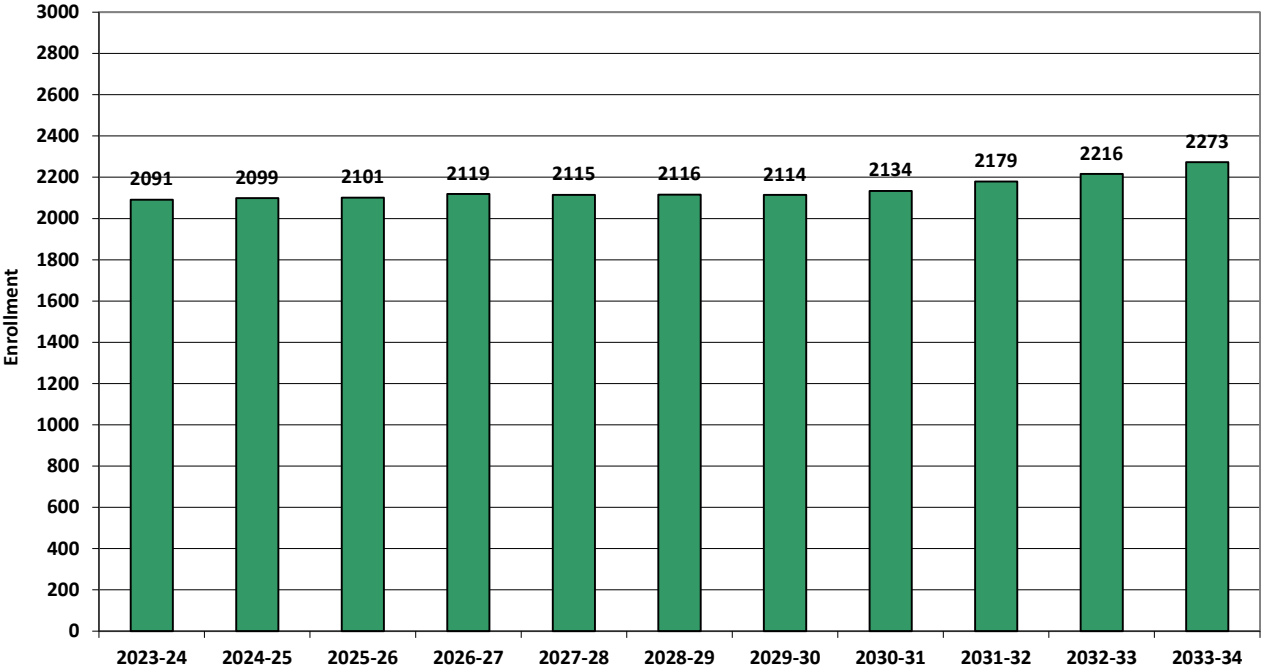
Projected Enrollment in Grade Combinations*									
School Year	PK-4	K-4	K-2	3-4	5-8	6-8	K-8	5-12	9-12
2023-24	629	629	382	247	621	489	1250	1462	841
2024-25	664	664	408	256	598	463	1262	1435	837
2025-26	715	715	434	281	561	435	1276	1386	825
2026-27	741	741	461	280	555	410	1296	1378	823
2027-28	747	747	444	303	576	424	1323	1368	792
2028-29	768	768	429	339	586	442	1354	1348	762
2029-30	762	762	426	336	638	462	1400	1352	714
2030-31	750	750	440	310	676	494	1426	1384	708
2031-32	745	745	440	305	698	525	1443	1434	736
2032-33	756	756	436	320	710	555	1466	1460	750
2033-34	757	757	435	322	700	533	1457	1516	816

Projected Percentage Changes			
School Year	K-12	Diff.	%
2023-24	2091	0	0.0%
2024-25	2099	8	0.4%
2025-26	2101	2	0.1%
2026-27	2119	18	0.9%
2027-28	2115	-4	-0.2%
2028-29	2116	1	0.0%
2029-30	2114	-2	-0.1%
2030-31	2134	20	0.9%
2031-32	2179	45	2.1%
2032-33	2216	37	1.7%
2033-34	2273	57	2.6%
Change		182	8.7%

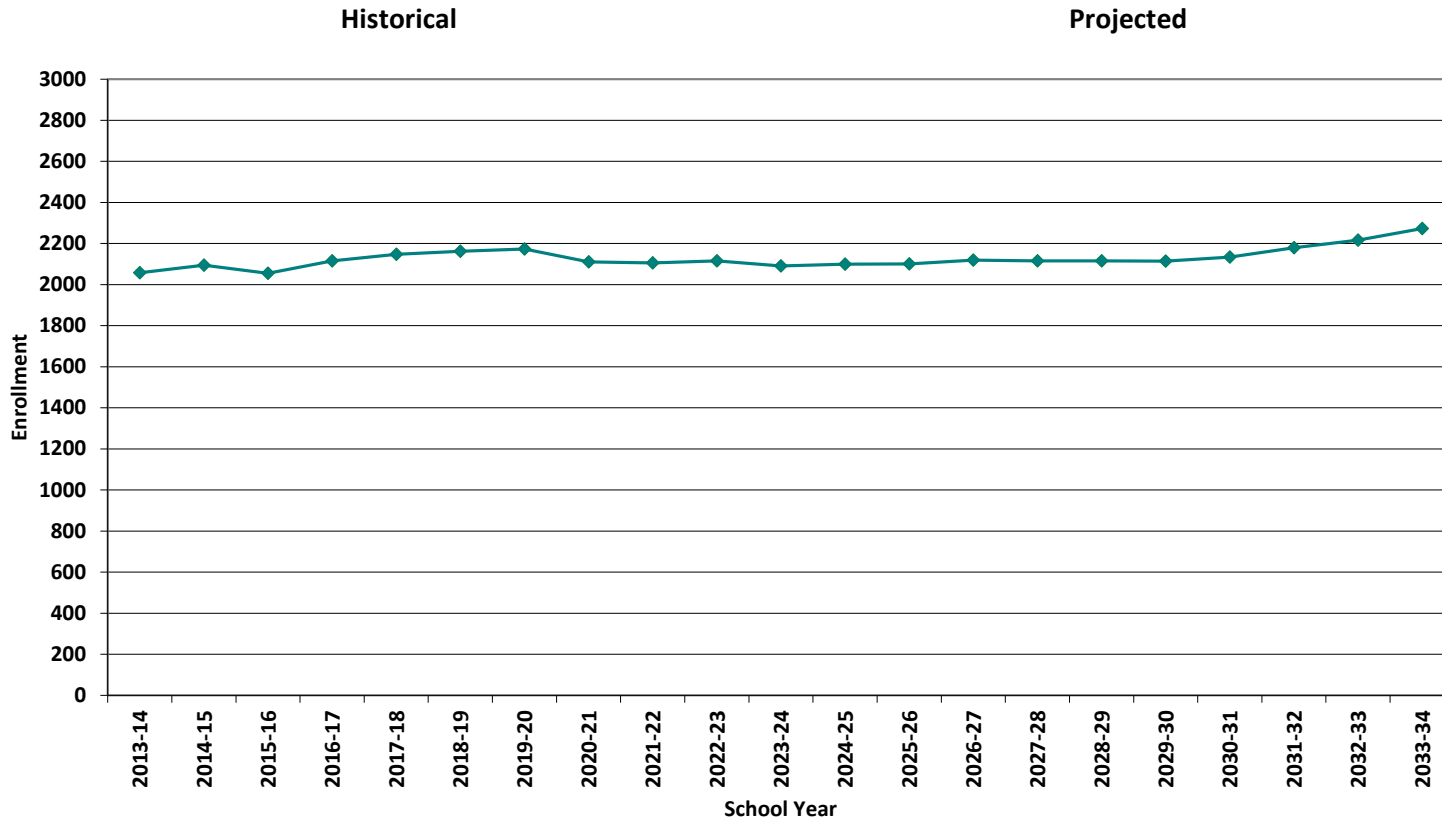
*Projections should be updated annually to reflect changes in in/out-migration of families, real estate sales, residential construction, births, and similar factors.

NESDEC **Projected Enrollment**

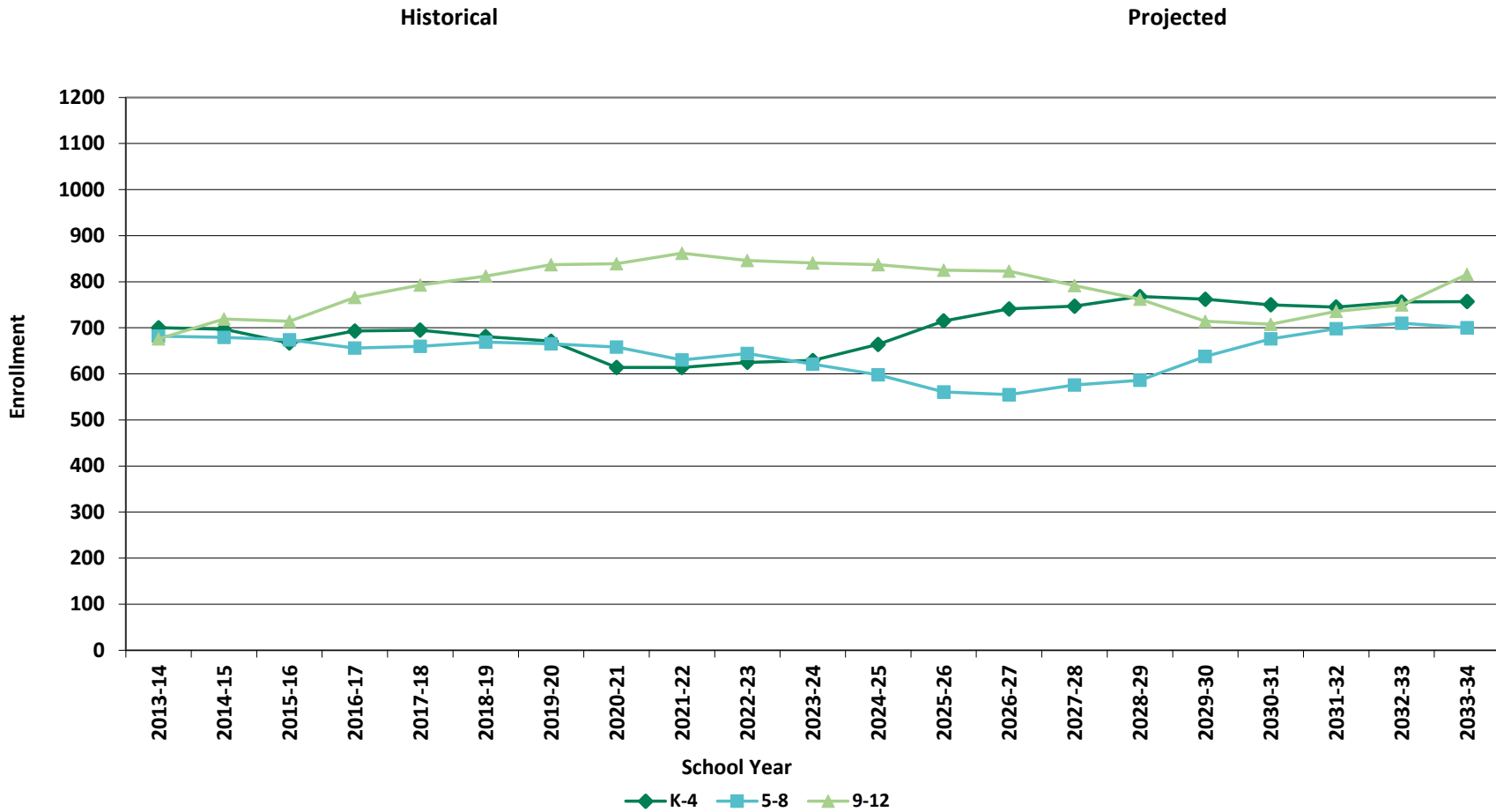
Grades K-12, School Years 2023-24 to 2033-34



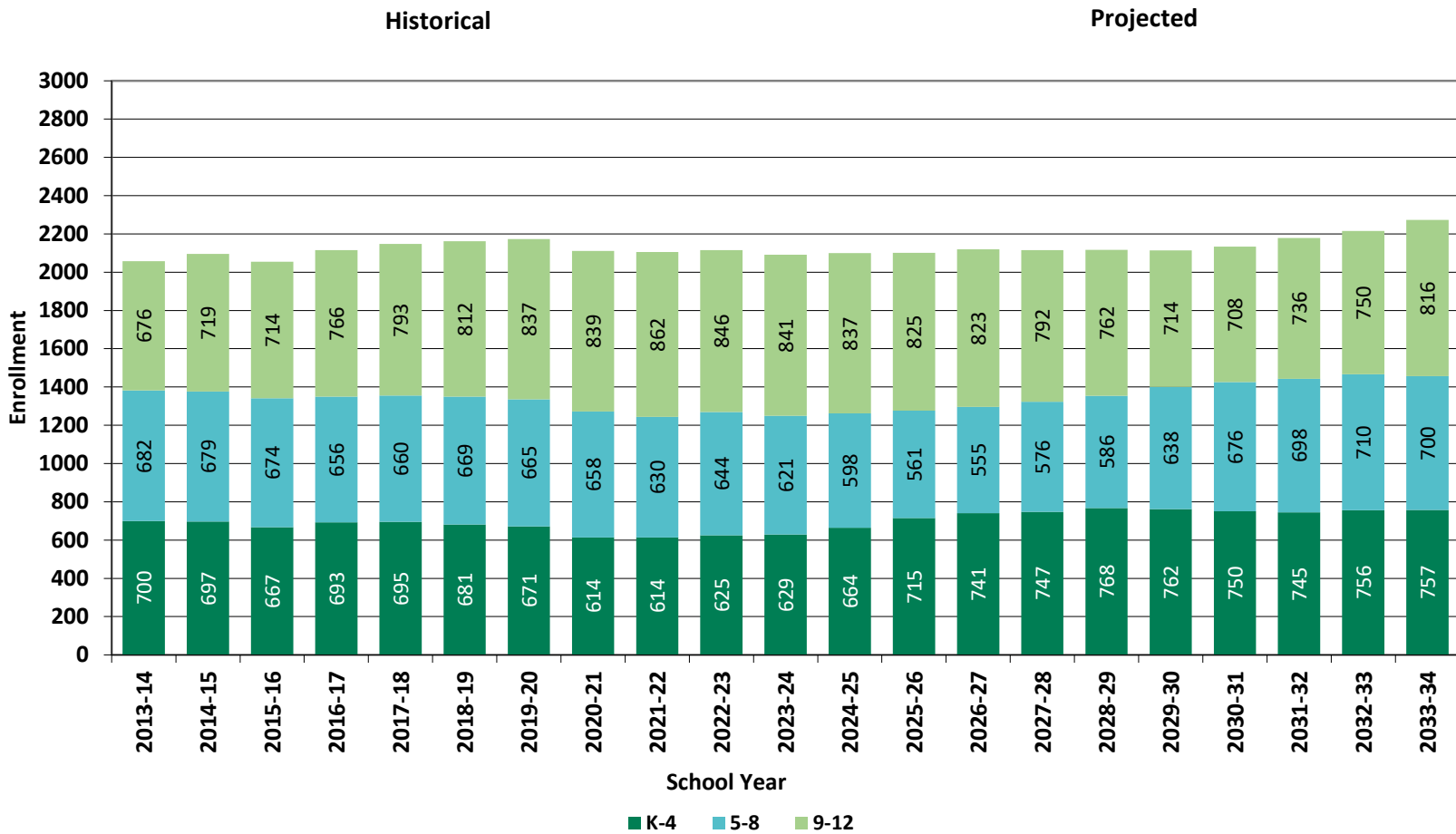
Historical & Projected Enrollment



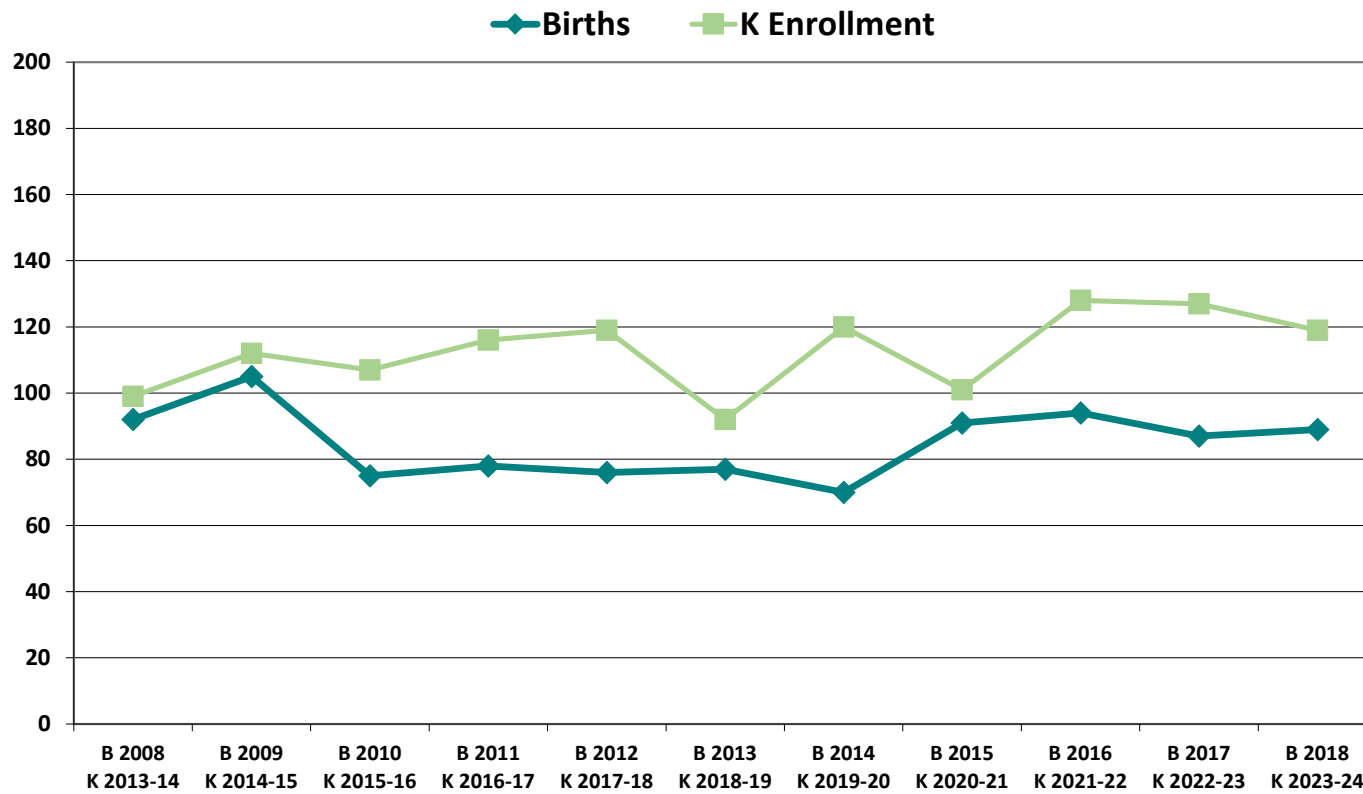
Historical & Projected Enrollments in Grade Combinations



Historical & Projected Enrollments in Grade Combinations



Birth-to-Kindergarten Relationship



Additional Information

Building Permits Issued (Source: HUD)		
Year	Single-Family	Multi-Units
2019	12D, 24L, 2M	150D
2020	1D, 14L, 2M	7D
2021	5D, 4L	4D
2022	3D, 9L, 2M	6D
2023	1D, 6L, 1M to date	0 to date

Key: D - Durham, L - Lee, M - Madbury

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	170	0	< 10 **	56
2020-21	n/a	n/a	182	0	< 10 **	82
2021-22	n/a	n/a	180	0	< 10 **	77
2022-23	n/a	n/a	171	0	< 10 **	66
2023-24	n/a	n/a	185	0	< 10 **	44

*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.

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).