



SAU #106 - Timberlane RSD
Plaistow, NH

2022-23 Enrollment Projection Report

Table of Contents

Section	Page
Executive Summary.....	1
Historical Enrollment Table.....	2
Historical Enrollment Graph.....	3
Historical Enrollment by Town.....	4
Projected Enrollment Table.....	5
Projected Enrollment Graph.....	6
Projected Enrollment by Town.....	7
Historical & Projected Enrollment Graph.....	8
Historical & Projected Enrollment in Grade Combinations Line Graph.....	9
Historical & Projected Enrollment in Grade Combinations Stacked Column Graph.....	10
Birth to Kindergarten Relationship Graph.....	11
Additional Information	12
New England's PK-12 Enrollment Trends.....	13
Reliability and Use of this Document	14

Enrollment Summary

The global pandemic continues to influence our nation's public health and economic stability in unpredictable ways. As such, it is still too early to identify many of the factors that could impact school enrollments. Over the past school year, we have seen fluctuations in the real estate market and job trends, which have impacted student attendance patterns. Moreover, during the past school year, we have seen how school enrollment patterns can differ substantially from one district to another, with some districts losing students while others experience an influx of students.

We are pleased to send you this report displaying the past, present, and projected enrollments for the District. These ten-year projections are designed to provide the 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 have received the figures given to us by the District, and we assume that the method of collecting the enrollment 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 "Second Semester Refresher" enrollment projection at no cost to affiliates. (For more information please refer to the Reliability and Use of This Document section)

For the District, K-12 enrollments over the next three years are projected to increase by 80 students.

Summary provided in each individual town report.

Historical Enrollment

School District: SAU #106 - Timberlane, NH

11/20/2022

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
2007	245	2012-13	96	238	241	252	273	290	312	290	334	334	329	354	332	386	0	3965	4061
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	223	2022-23	148	220	267	244	247	234	239	267	227	243	248	254	237	268	0	3195	3343

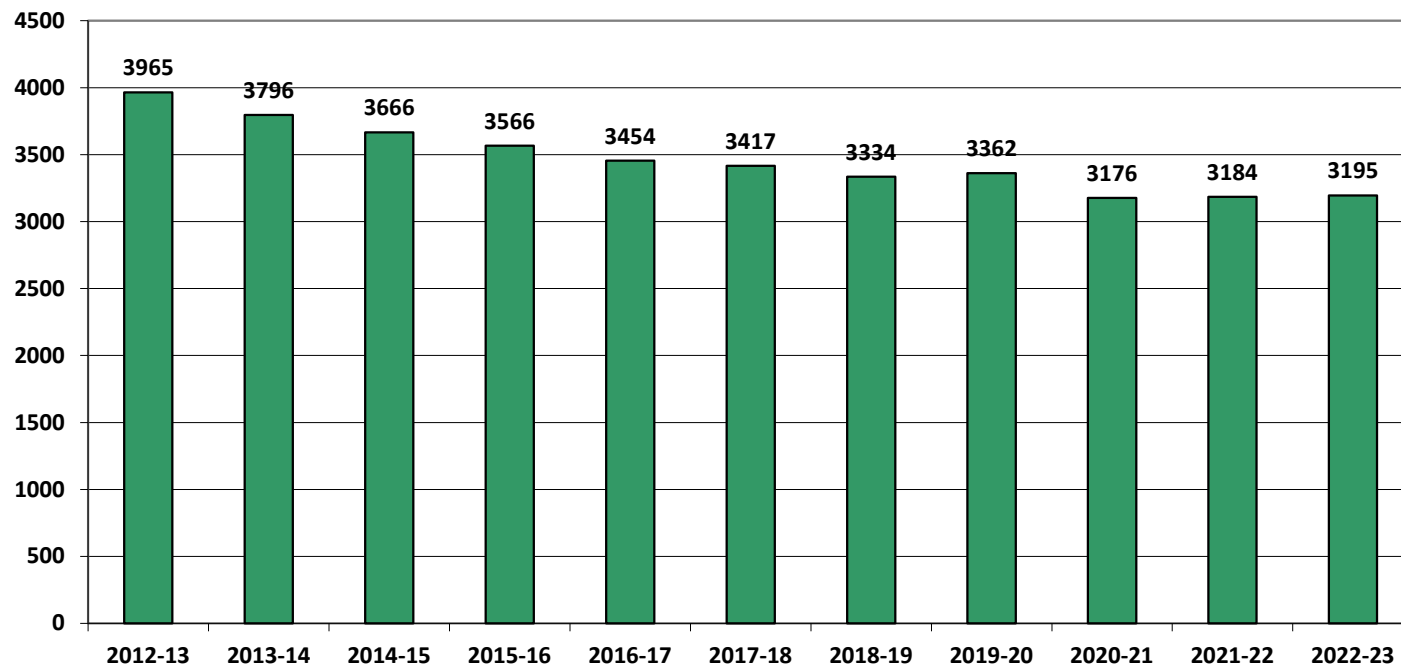
*Birth data provided by Public Health Vital Records Departments in each state.

Historical Enrollment in Grade Combinations									
Year	PK-5	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2012-13	1702	1606	1896	2564	1270	958	668	2069	1401
2013-14	1647	1530	1846	2461	1225	931	615	1950	1335
2014-15	1587	1488	1779	2369	1143	881	590	1887	1297
2015-16	1558	1458	1724	2328	1131	870	604	1842	1238
2016-17	1544	1432	1705	2263	1075	831	558	1749	1191
2017-18	1609	1472	1725	2261	1075	789	536	1692	1156
2018-19	1556	1424	1713	2233	1064	809	520	1621	1101
2019-20	1577	1454	1718	2266	1063	812	548	1644	1096
2020-21	1446	1354	1583	2128	998	774	545	1593	1048
2021-22	1541	1440	1666	2156	979	716	490	1518	1028
2022-23	1599	1451	1718	2188	976	737	470	1477	1007

Historical Percentage Changes			
Year	K-12	Diff.	%
2012-13	3965	0	0.0%
2013-14	3796	-169	-4.3%
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%
Change	-770		-19.4%

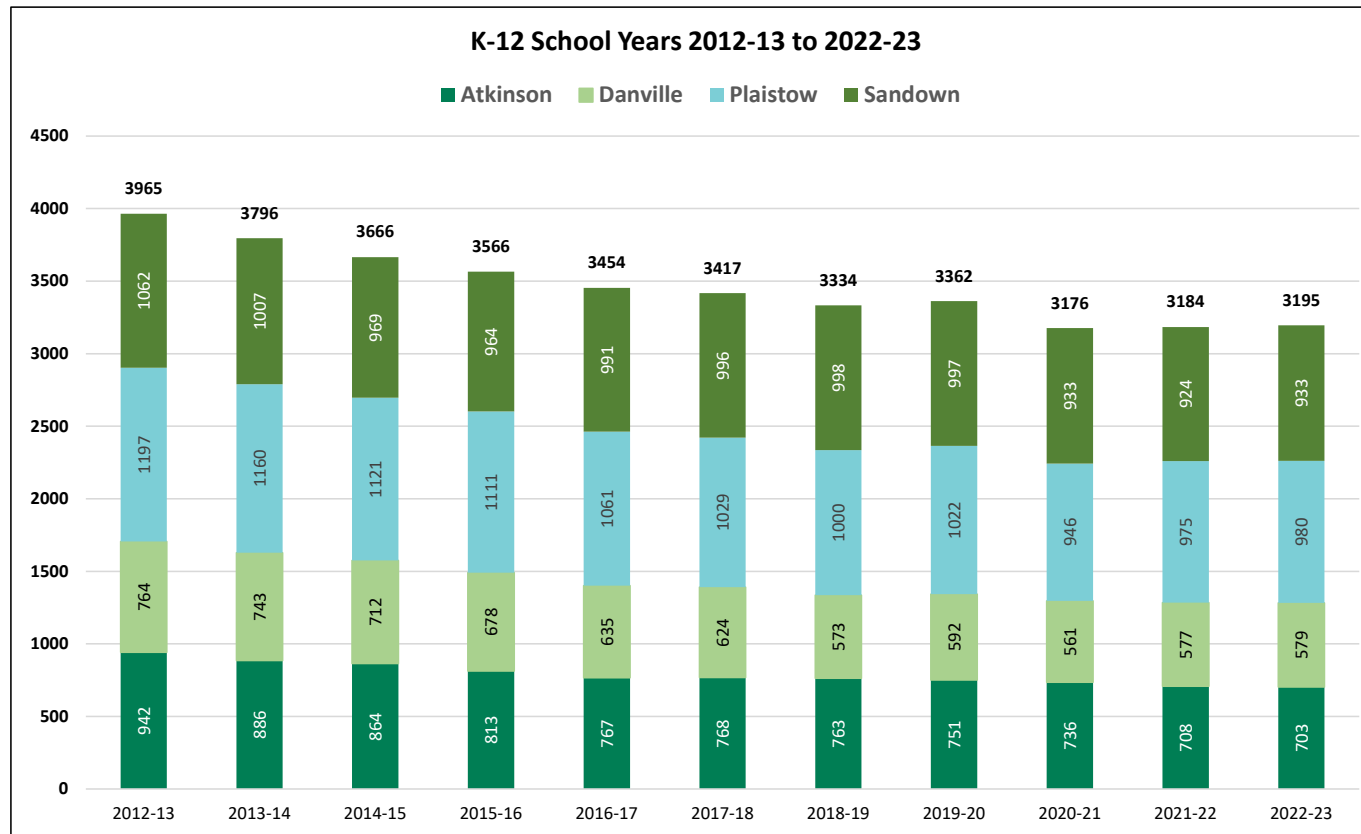
Historical Enrollment

K-12, School Years 2012-13 to 2022-23



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Historical Enrollment By Town



Town	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
Atkinson	24%	23%	24%	23%	22%	22%	23%	22%	23%	22%	22%
Danville	19%	20%	19%	19%	18%	18%	17%	18%	18%	18%	18%
Plaistow	30%	31%	31%	31%	31%	30%	30%	30%	30%	31%	31%
Sandown	27%	27%	26%	27%	29%	29%	30%	30%	29%	29%	29%

* percentages rounded

Projected Enrollment

School District: SAU #106 - Timberlane, NH

11/20/2022

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
2017	223		2022-23	148	220	267	244	247	234	239	267	227	243	248	254	237	268	0	3195	3343
2018	258		2023-24	149	265	246	265	250	254	235	240	270	227	235	248	255	244	0	3234	3383
2019	214		2024-25	150	221	295	244	271	258	255	236	242	269	218	235	249	265	0	3258	3408
2020	227		2025-26	151	236	248	293	250	280	259	255	239	243	260	218	235	259	0	3275	3426
2021	238		2026-27	152	247	264	246	300	258	281	259	258	238	235	260	219	242	0	3307	3459
2022	232	(est.)	2027-28	153	240	277	261	252	310	258	282	263	257	229	235	260	226	0	3350	3503
2023	234	(est.)	2028-29	154	241	268	274	268	259	310	259	285	263	246	229	235	269	0	3406	3560
2024	229	(est.)	2029-30	155	238	269	266	281	275	259	311	262	285	254	246	230	242	0	3418	3573
2025	232	(est.)	2030-31	156	239	266	267	272	289	276	259	315	262	276	253	247	238	0	3459	3615
2026	233	(est.)	2031-32	157	242	268	264	273	280	290	276	262	315	253	275	254	255	0	3507	3664
2027	232	(est.)	2032-33	158	240	271	266	270	281	281	290	280	261	304	252	276	263	0	3535	3693

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.

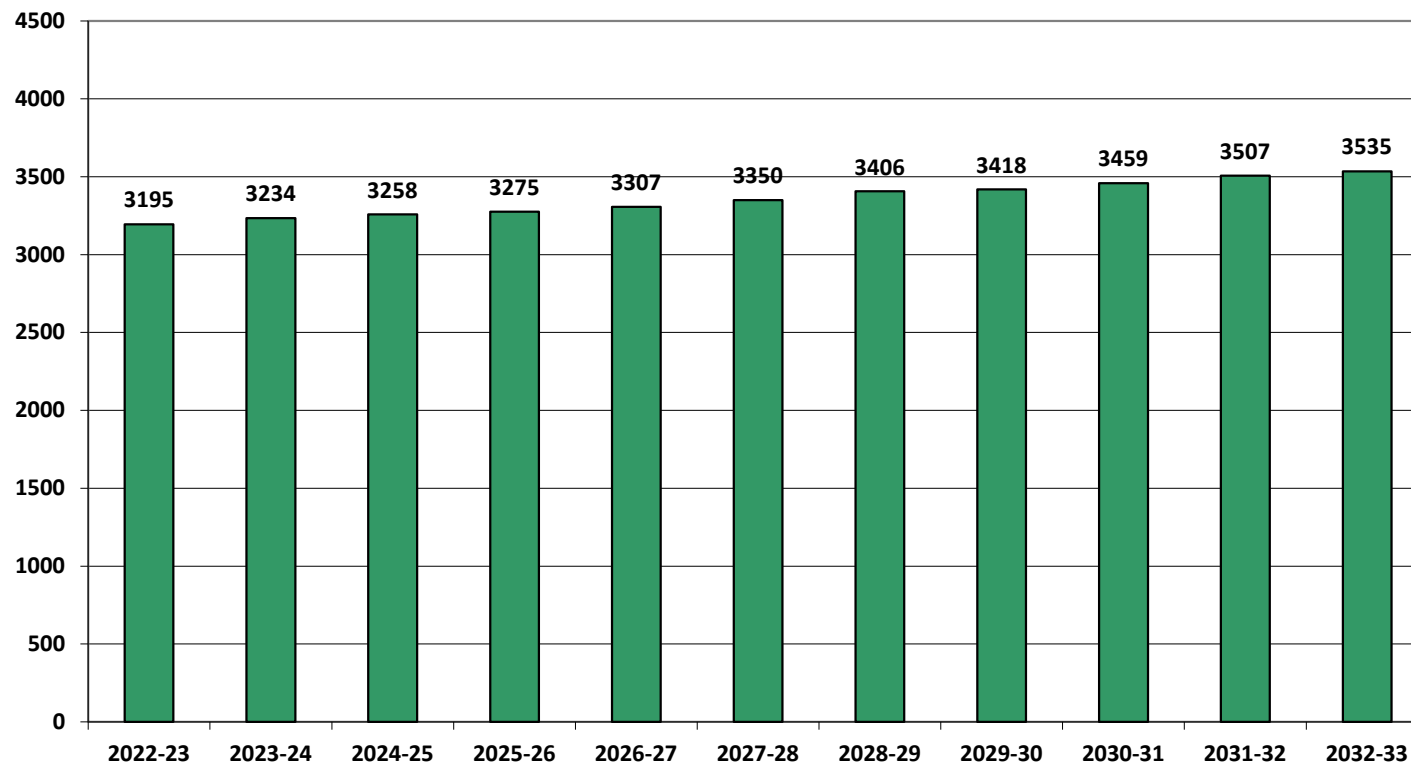
Projected Enrollment in Grade Combinations*									
Year	PK-5	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2022-23	1599	1451	1718	2188	976	737	470	1477	1007
2023-24	1664	1515	1755	2252	972	737	497	1479	982
2024-25	1694	1544	1780	2291	1002	747	511	1478	967
2025-26	1717	1566	1821	2303	996	737	482	1454	972
2026-27	1748	1596	1855	2351	1036	755	496	1452	956
2027-28	1751	1598	1880	2400	1060	802	520	1470	950
2028-29	1774	1620	1879	2427	1117	807	548	1527	979
2029-30	1743	1588	1899	2446	1117	858	547	1519	972
2030-31	1765	1609	1868	2445	1112	836	577	1591	1014
2031-32	1774	1617	1893	2470	1143	853	577	1614	1037
2032-33	1767	1609	1899	2440	1112	831	541	1636	1095

Projected Percentage Changes			
Year	K-12	Diff.	%
2022-23	3195	0	0.0%
2023-24	3234	39	1.2%
2024-25	3258	24	0.7%
2025-26	3275	17	0.5%
2026-27	3307	32	1.0%
2027-28	3350	43	1.3%
2028-29	3406	56	1.7%
2029-30	3418	12	0.4%
2030-31	3459	41	1.2%
2031-32	3507	48	1.4%
2032-33	3535	28	0.8%
Change	340		10.6%

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

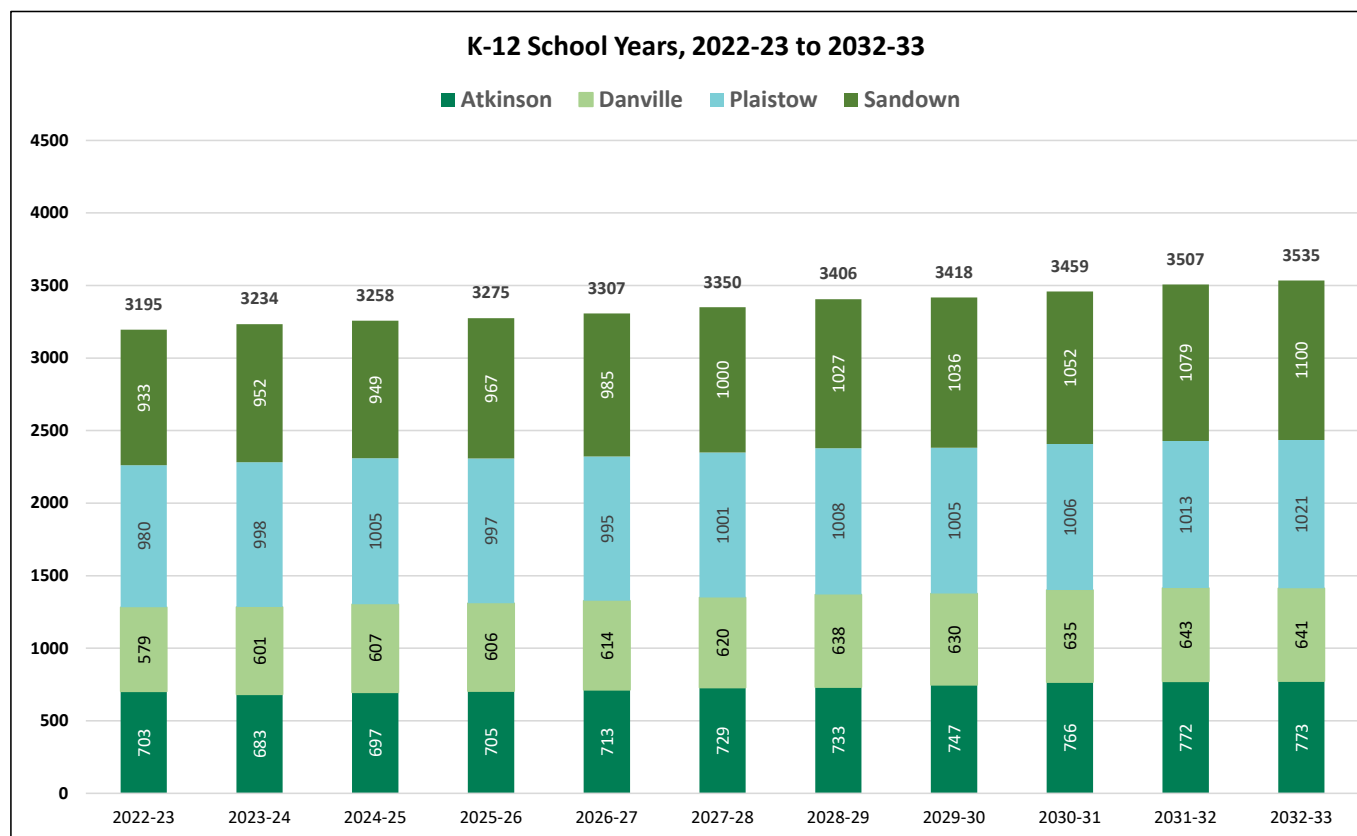
Projected Enrollment

K-12, School Years 2022-23 to 2032-33





Projected Enrollment By Town

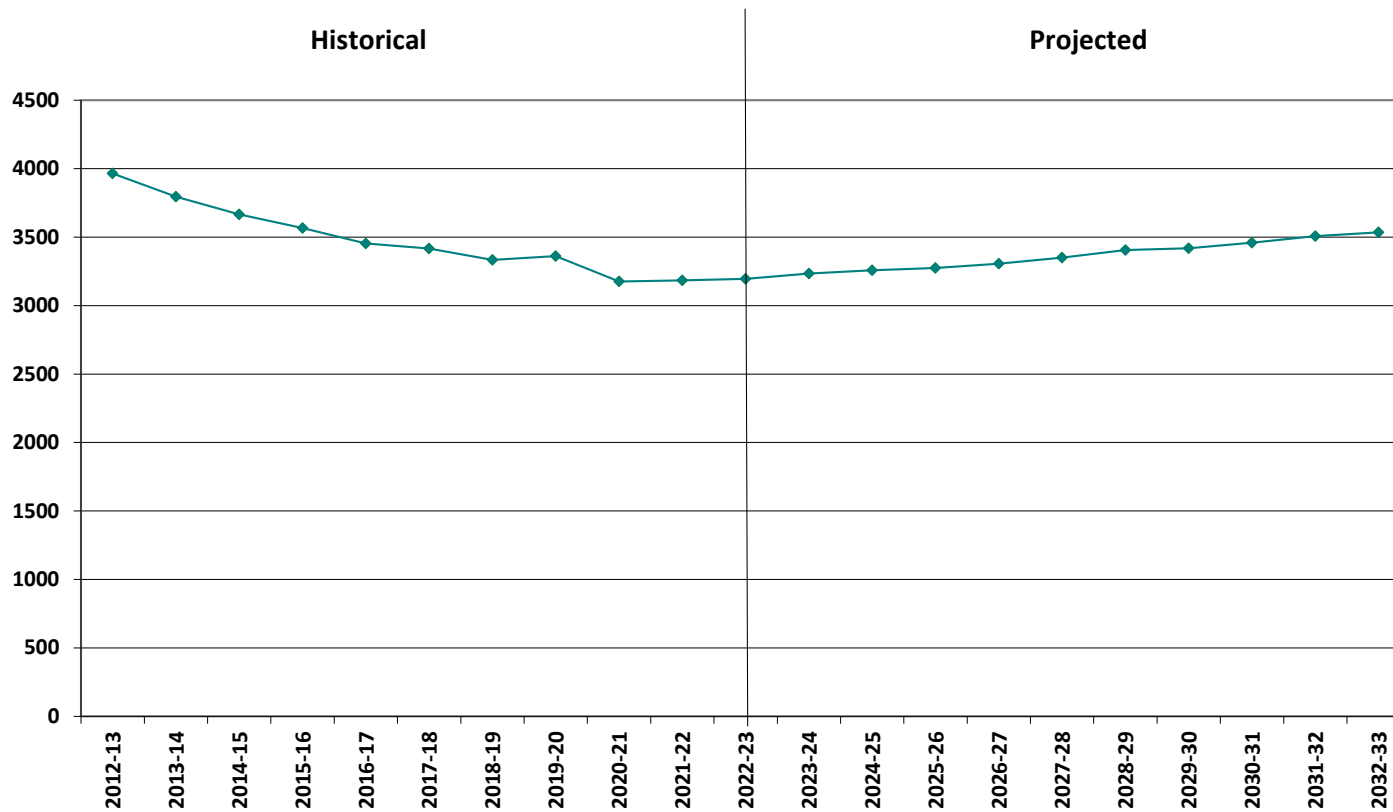


Town	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33
Atkinson	22%	21%	21%	22%	22%	22%	22%	22%	22%	22%	22%
Danville	18%	19%	19%	19%	19%	19%	19%	18%	18%	18%	18%
Plaistow	31%	31%	31%	30%	30%	30%	30%	29%	29%	29%	29%
Sandown	29%	29%	29%	30%	30%	30%	30%	30%	30%	31%	31%

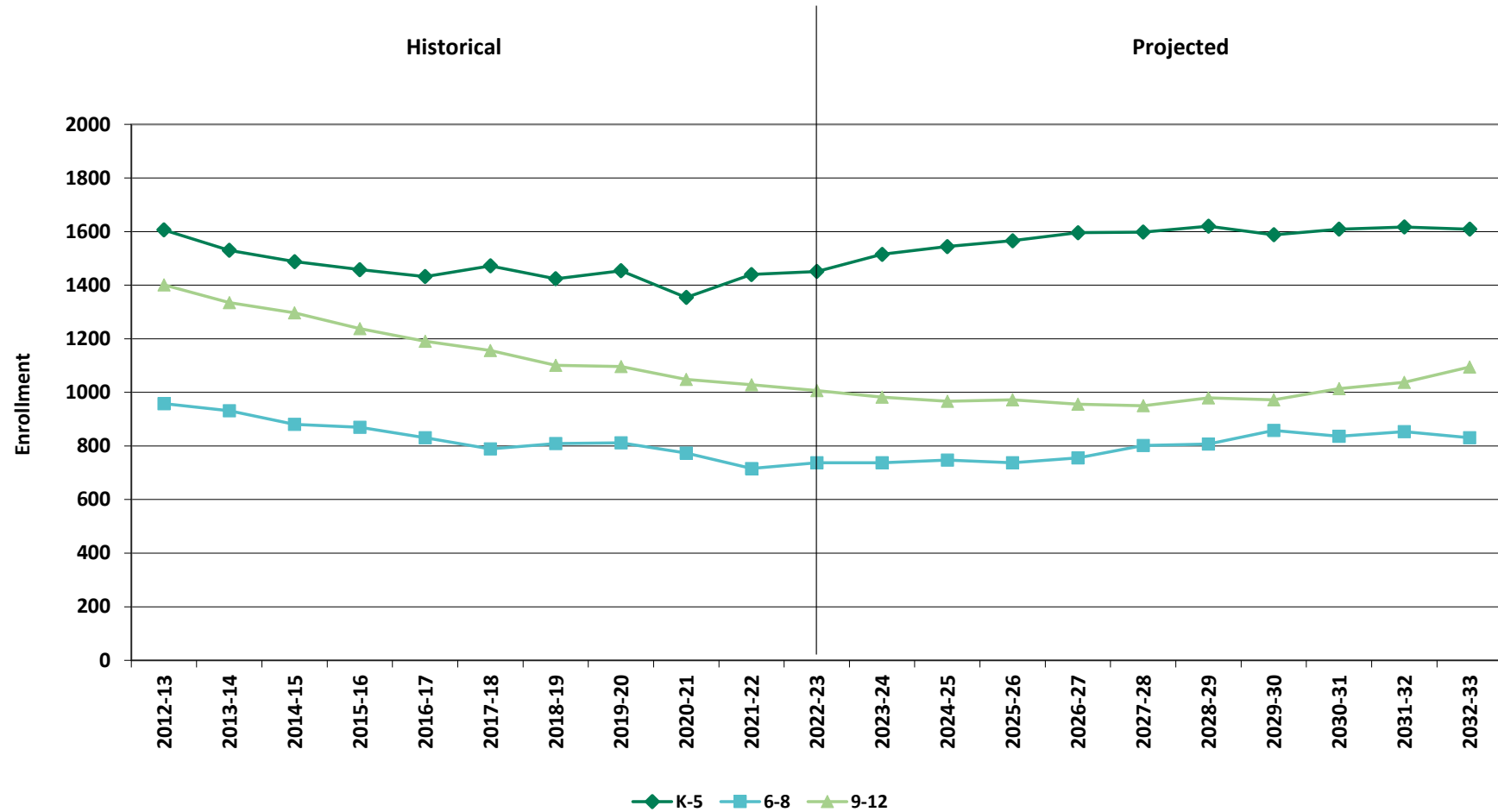
* percentages rounded

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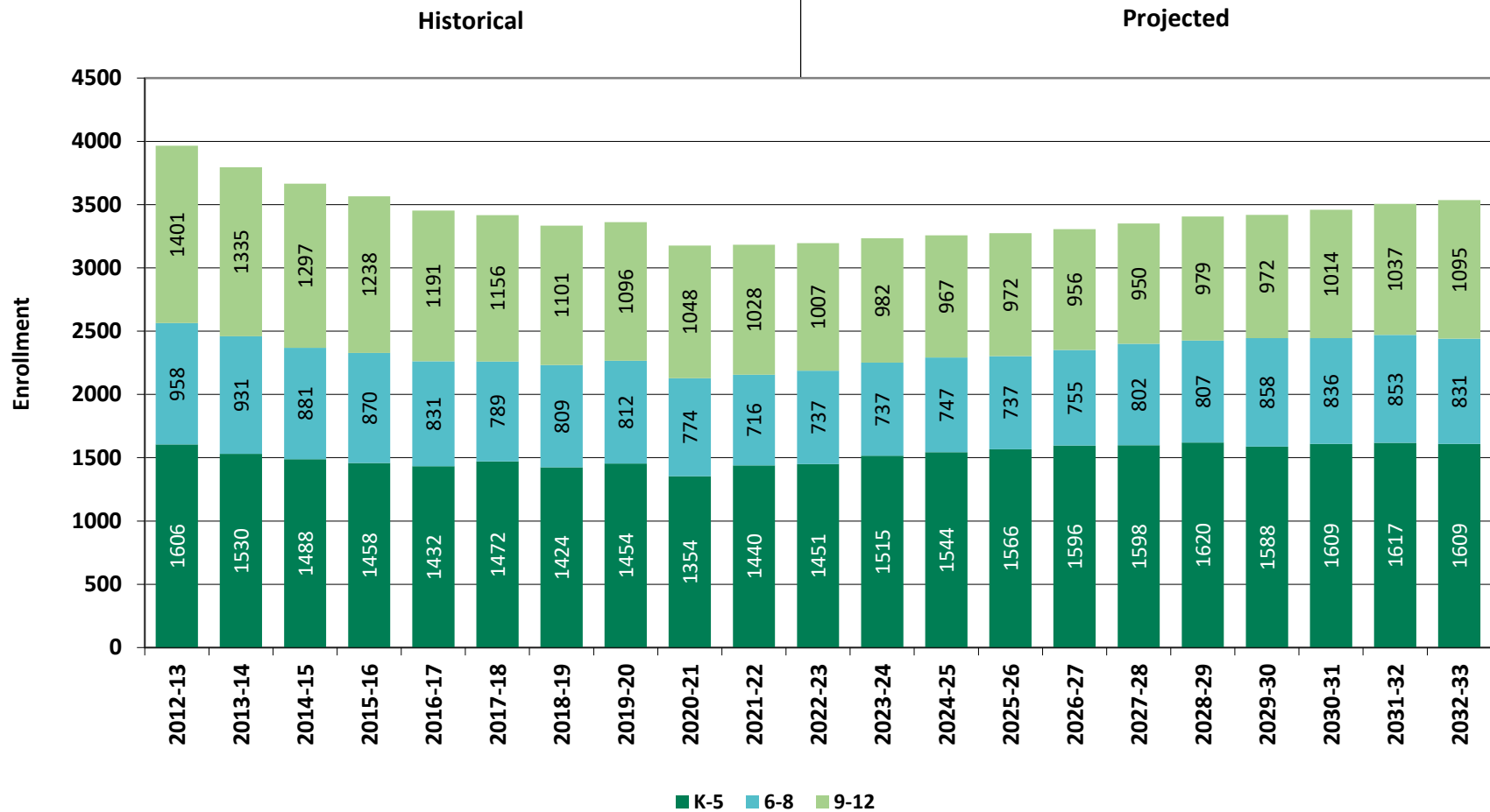
Historical & Projected Enrollment



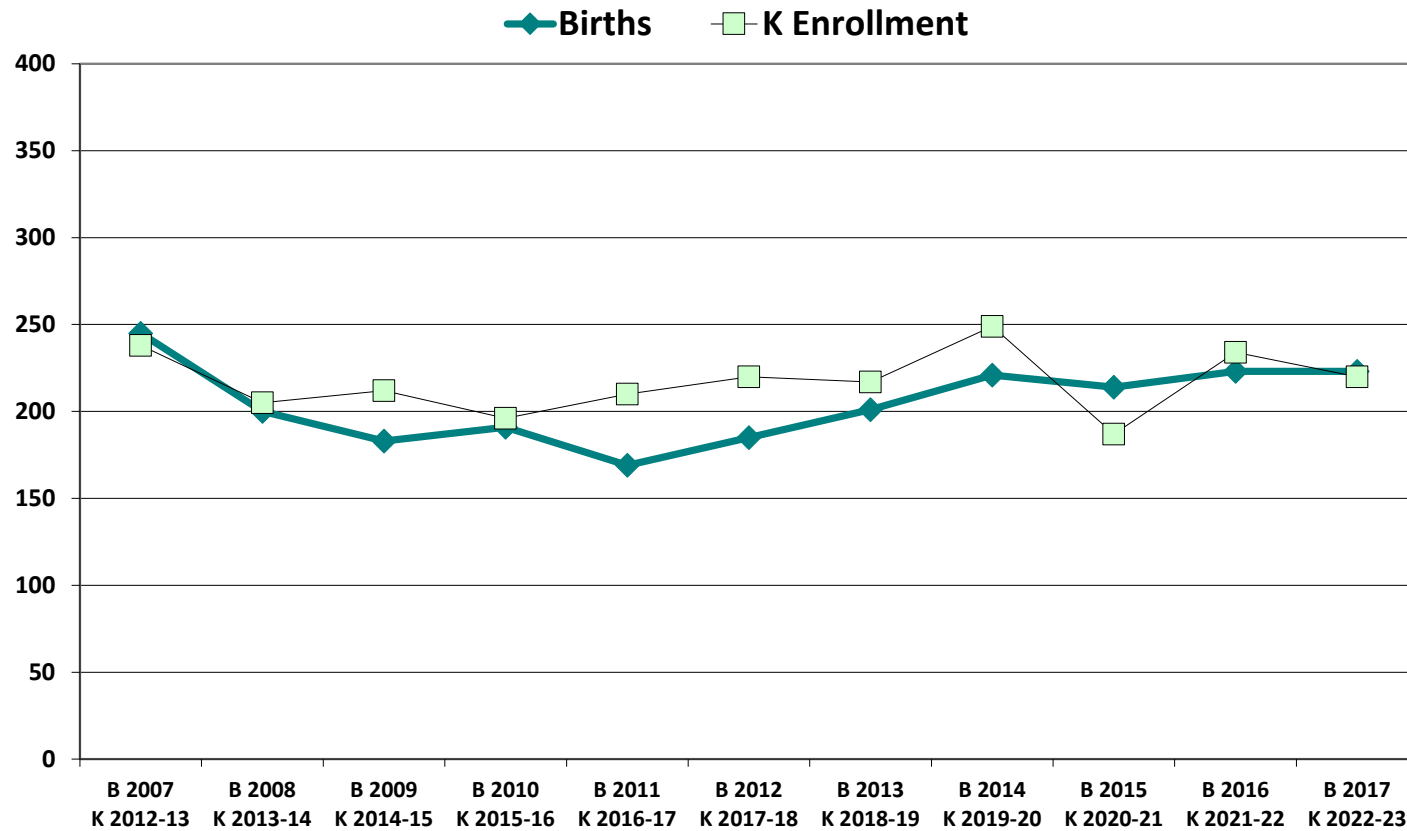
Historical & Projected Enrollments in Grade Combinations



Historical & Projected Enrollments in Grade Combinations



Birth-to-Kindergarten Relationship



Additional Information

Building Permits Issued (Source: HUD)		
Year	Single-Family	Multi-Units
2012	33	0
2018	66	90
2019	65	14
2020	89	34
2021	40	42
2022	11 to date	47 to date

Enrollment History*		
Year	Career-Tech 9-12 Total	Non-Public K-12 Total
2012-13	n/a	n/a
2018-19	n/a	n/a
2019-20	n/a	n/a
2020-21	n/a	n/a
2021-22	83	n/a
2022-23	107	n/a

Residents in Non-Public Independent and Parochial Schools (General Education)*														
Oct. 1 Enrollment	K	1	2	3	4	5	6	7	8	9	10	11	12	K-12 TOTAL
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

K-12 Home-Schooled Students*	
2022	22

K-12 Residents in Charter or Magnet Schools, or Choiced-out*	
2022	n/a

K-12 Special Education Outplaced Students*	
2022	25

K-12 Tuitioned-In, Choiced-In, & Other Non-Residents*	
2022	5

*The above data were provided by the District, with the exception of building permit data (provided by HUD).

"n/a" signifies that information was not provided by District.

New England's PK-12 Enrollment Trends

From 2020 to 2030, the US Department of Education anticipates changes in PK-12 enrollment of -2.4% in the South, -6.5% in the West, -3.8% in the Midwest, -6.2% in the Northeast, and a total of -4.3% nationwide.

State	Fall 2020 PK - 12	Fall 2030 Projected	PK-12 Decline	% Change 2020-2030
CT	509,058	475,600	-33,458	-6.6%
ME	172,455	161,800	-10,655	-6.2%
MA	921,712	879,900	-41,812	-4.5%
NH	169,027	144,600	-24,427	-14.5%
RI	139,184	130,200	-8,984	-6.5%
VT	82,401	74,600	-7,801	-9.5%

Source: U.S. Department of Education, National Center for Education Statistics,
Enrollment In Public Schools fall 1990 to fall 2030, Table 203.20, March 2022.

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.

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 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 2018-19 increased to 104 students in Grade 2 in 2019-20, 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).



Plaistow, NH
Timberlane Regional School District
2022-23 Enrollment Projection Report

Table of Contents

Section	Page
Enrollment Summary.....	1
Historical Enrollment Table.....	2
Historical Enrollment Graph.....	3
Projected Enrollment Table.....	4
Projected Enrollment Graph.....	5
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We are pleased to send you this report displaying the past, present, and projected enrollments for the District. These ten-year projections are designed to provide the 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 have received the figures given to us by the District, and we assume that the method of collecting the enrollment 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 "Second Semester Refresher" enrollment projection at no cost to affiliates. (For more information please refer to the Reliability and Use of This Document section)

The NESDEC enrollment projection fell within 25 students of the K-12 total, 955 students projected vs. 980 enrolled.

Births increased by 2 from a previous ten-year average of 70 to a projected average of 72.

Over the next three years, K-5 enrollments are projected to increase by 29 students, Grades 6-8 enrollments are projected to decrease by 10 students, and Grades 9-12 enrollments are projected to decrease by 2 students as students move through the grades.

Historical Enrollment

School District: Plaistow, NH

11/20/2022

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
2007	88	2012-13	65	82	76	73	89	87	80	73	93	95	113	119	94	123	0	1197	1262
2008	64	2013-14	69	70	82	74	78	86	90	87	72	94	90	114	122	101	0	1160	1229
2009	71	2014-15	65	78	81	79	69	75	85	92	82	72	90	89	109	120	0	1121	1186
2010	66	2015-16	16	62	79	87	78	77	75	96	97	90	75	91	91	113	0	1111	1127
2011	63	2016-17	28	74	62	80	88	73	73	81	88	93	90	74	88	97	0	1061	1089
2012	67	2017-18	17	67	80	58	85	86	74	79	76	87	88	89	73	87	0	1029	1046
2013	72	2018-19	37	64	70	79	60	79	81	75	78	80	83	90	84	77	0	1000	1037
2014	65	2019-20	13	66	74	75	86	71	86	84	77	73	77	85	88	80	0	1022	1035
2015	72	2020-21	26	47	68	67	71	79	69	71	75	79	72	74	87	87	0	946	972
2016	73	2021-22	24	80	66	68	66	74	78	71	73	76	80	75	74	94	0	975	999
2017	67	2022-23	33	69	89	65	70	72	76	80	73	75	78	78	76	79	0	980	1013

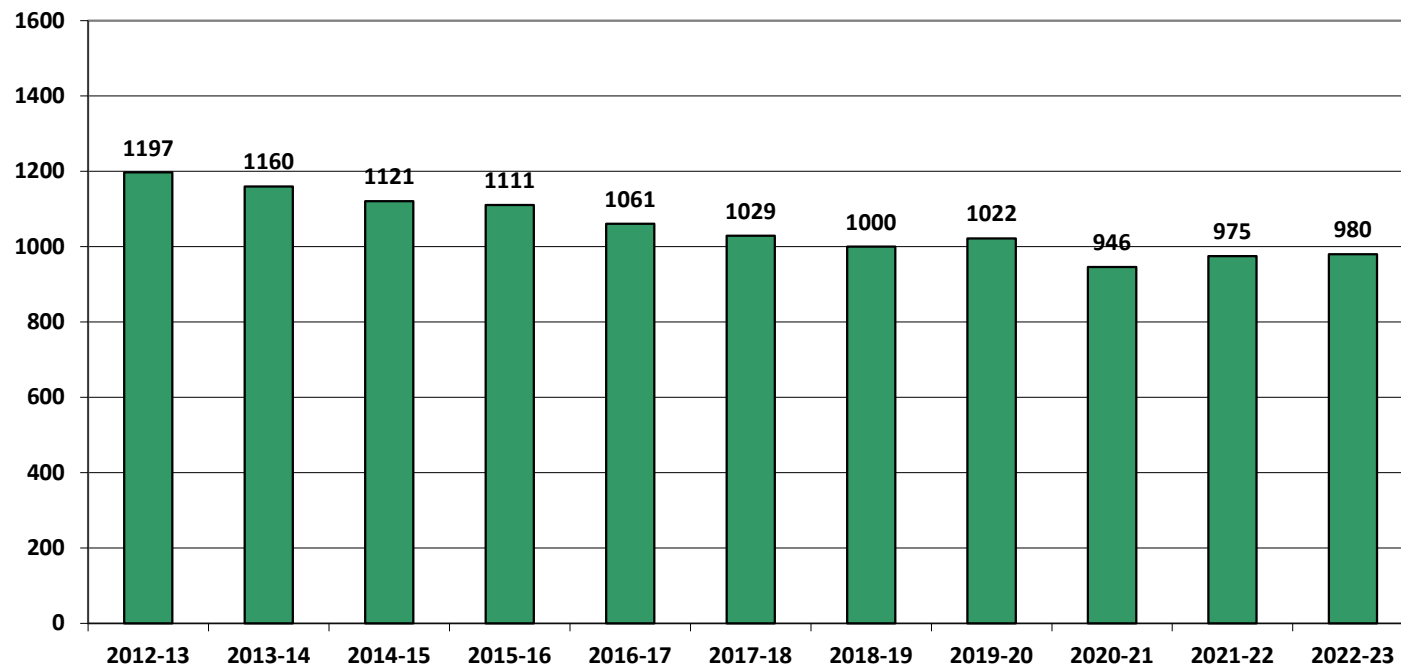
*Birth data provided by Public Health Vital Records Departments in each state.

Historical Enrollment in Grade Combinations									
Year	PK-5	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2012-13	552	487	560	748	341	261	188	637	449
2013-14	549	480	567	733	343	253	166	593	427
2014-15	532	467	559	713	331	246	154	562	408
2015-16	474	458	554	741	358	283	187	557	370
2016-17	478	450	531	712	335	262	181	530	349
2017-18	467	450	529	692	316	242	163	500	337
2018-19	470	433	508	666	314	233	158	492	334
2019-20	471	458	542	692	320	234	150	480	330
2020-21	427	401	472	626	294	225	154	474	320
2021-22	456	432	503	652	298	220	149	472	323
2022-23	474	441	521	669	304	228	148	459	311

Historical Percentage Changes			
Year	K-12	Diff.	%
2012-13	1197	0	0.0%
2013-14	1160	-37	-3.1%
2014-15	1121	-39	-3.4%
2015-16	1111	-10	-0.9%
2016-17	1061	-50	-4.5%
2017-18	1029	-32	-3.0%
2018-19	1000	-29	-2.8%
2019-20	1022	22	2.2%
2020-21	946	-76	-7.4%
2021-22	975	29	3.1%
2022-23	980	5	0.5%
Change	-217		-18.1%

Historical Enrollment

K-12, School Years 2012-13 to 2022-23



Projected Enrollment

School District: **Plaistow, NH**

11/20/2022

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
2017	67		2022-23	33	69	89	65	70	72	76	80	73	75	78	78	76	79	0	980	1013
2018	89		2023-24	34	87	76	88	66	71	72	76	79	74	74	78	79	78	0	998	1032
2019	73		2024-25	35	72	96	75	89	67	71	72	75	80	73	74	79	82	0	1005	1040
2020	63		2025-26	36	62	79	95	76	91	67	71	71	76	79	73	75	82	0	997	1033
2021	72	0	2026-27	37	71	68	78	96	77	91	67	70	72	75	79	74	77	0	995	1032
2022	73	(est.)	2027-28	38	71	78	67	79	98	77	91	67	71	71	75	80	76	0	1001	1039
2023	74	(est.)	2028-29	39	72	78	77	68	80	98	77	90	68	70	71	76	83	0	1008	1047
2024	71	(est.)	2029-30	40	70	79	77	78	69	80	98	76	91	67	70	72	78	0	1005	1045
2025	71	(est.)	2030-31	41	69	77	78	78	79	69	80	97	77	90	67	71	74	0	1006	1047
2026	72	(est.)	2031-32	42	71	76	76	79	79	69	79	98	76	90	68	73	73	0	1013	1055
2027	72	(est.)	2032-33	43	71	78	75	77	80	79	79	68	80	97	76	91	70	0	1021	1064

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.

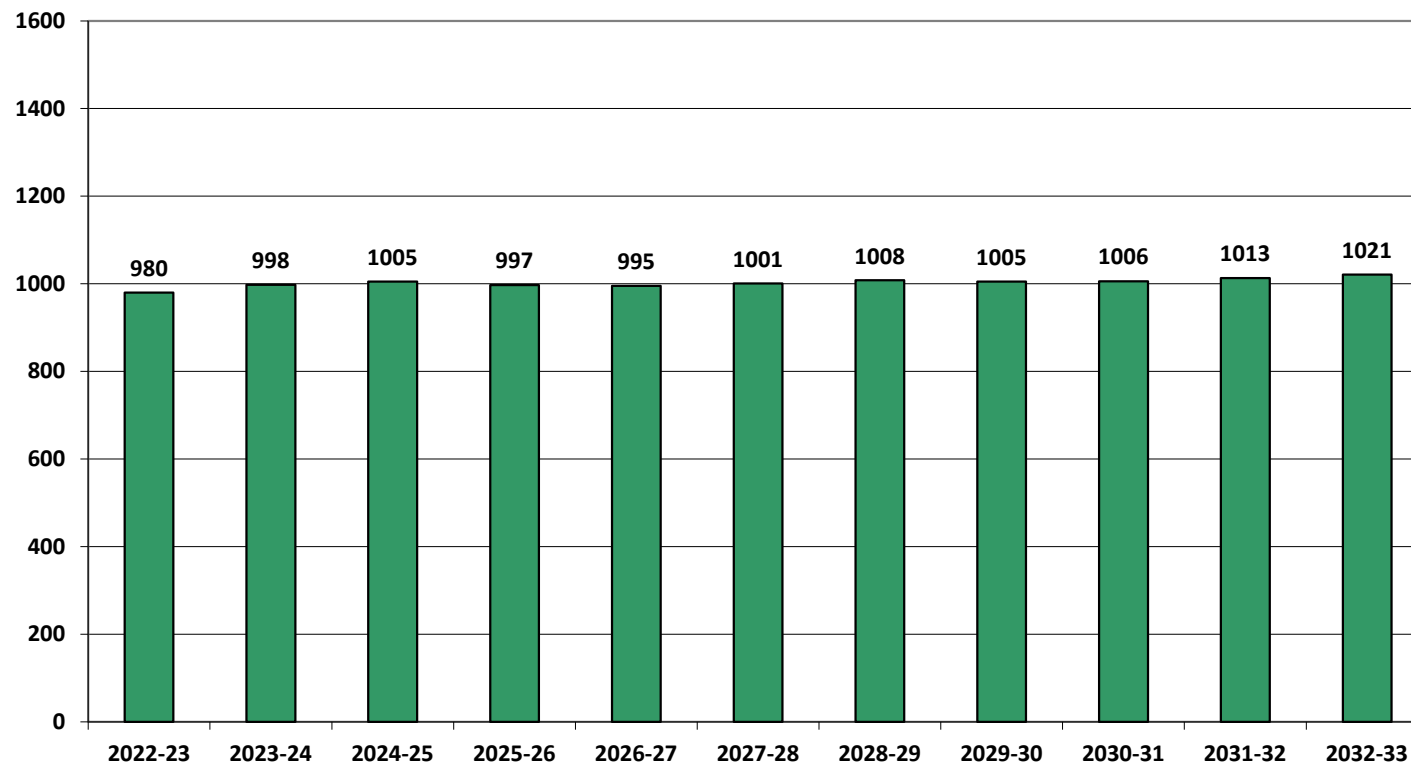
Projected Enrollment in Grade Combinations*									
Year	PK-5	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2022-23	474	441	521	669	304	228	148	459	311
2023-24	494	460	536	689	301	229	153	462	309
2024-25	505	470	542	697	298	227	155	463	308
2025-26	506	470	541	688	285	218	147	456	309
2026-27	518	481	548	690	300	209	142	447	305
2027-28	508	470	561	699	306	229	138	440	302
2028-29	512	473	550	708	333	235	158	458	300
2029-30	493	453	551	718	345	265	167	454	287
2030-31	491	450	530	704	323	254	174	476	302
2031-32	502	460	529	706	325	246	177	484	307
2032-33	503	460	539	687	306	227	148	482	334

Projected Percentage Changes			
Year	K-12	Diff.	%
2022-23	980	0	0.0%
2023-24	998	18	1.8%
2024-25	1005	7	0.7%
2025-26	997	-8	-0.8%
2026-27	995	-2	-0.2%
2027-28	1001	6	0.6%
2028-29	1008	7	0.7%
2029-30	1005	-3	-0.3%
2030-31	1006	1	0.1%
2031-32	1013	7	0.7%
2032-33	1021	8	0.8%
Change	41		4.2%

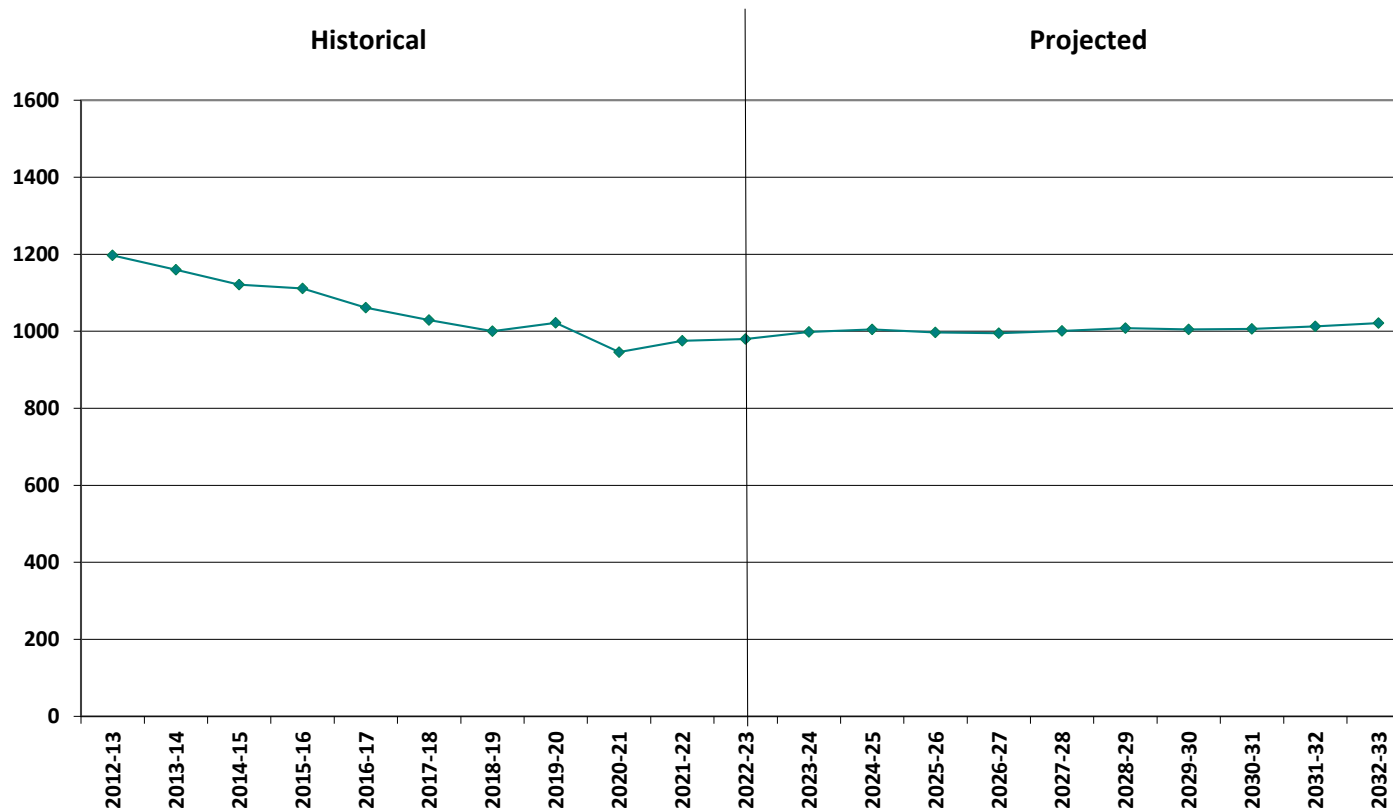
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Projected Enrollment

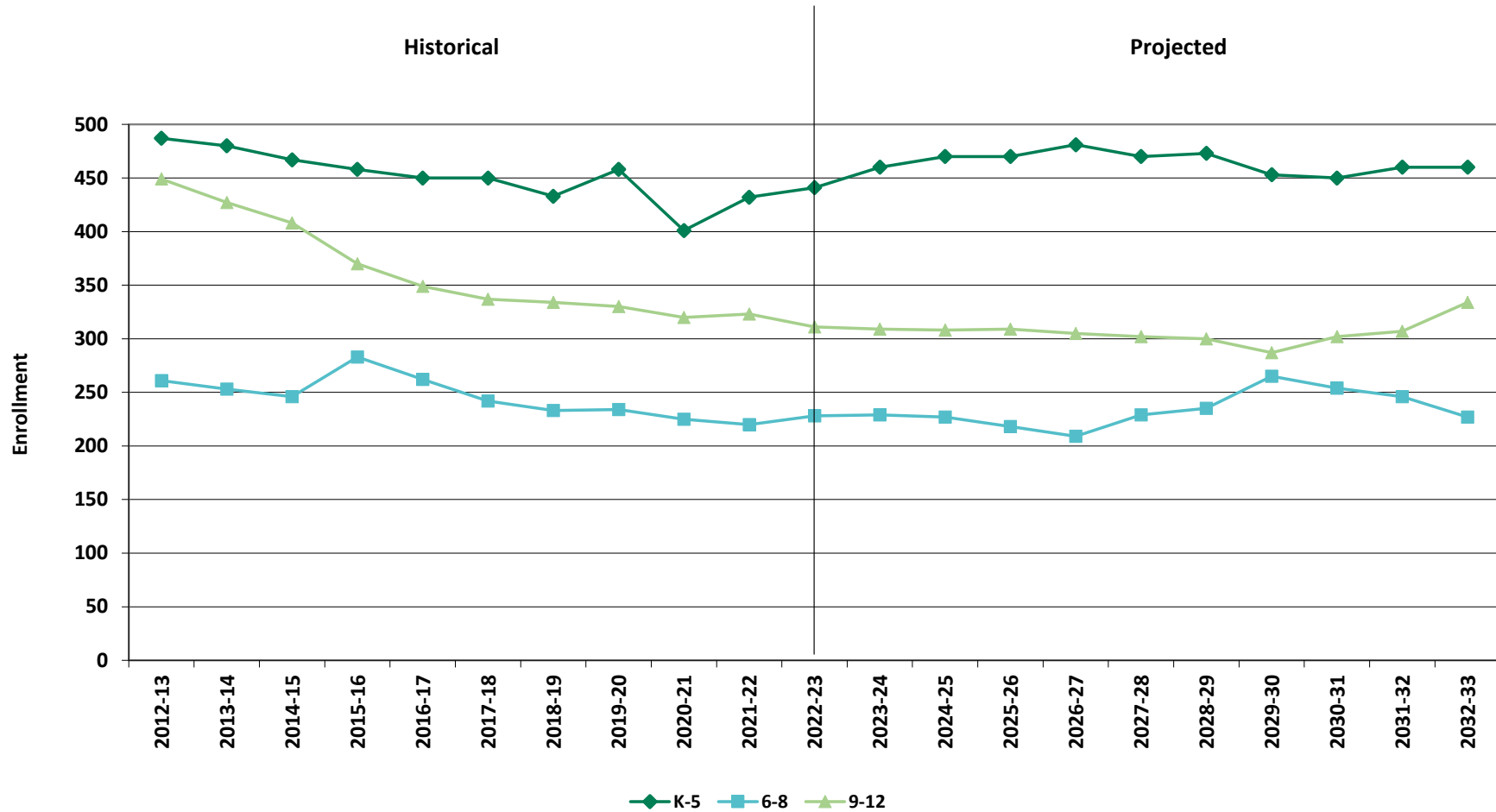
K-12, School Years 2022-23 to 2032-33



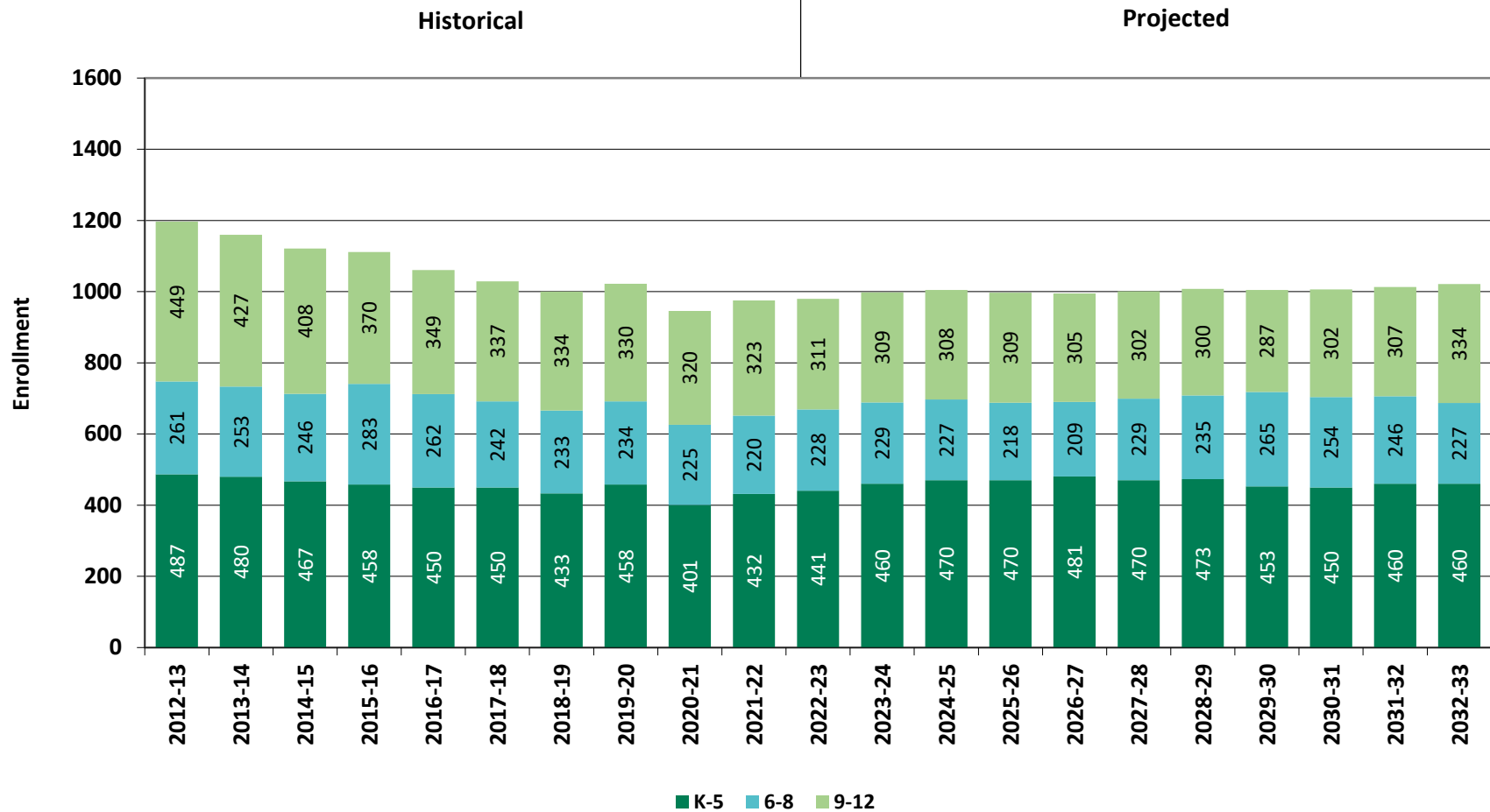
Historical & Projected Enrollment



Historical & Projected Enrollments in Grade Combinations

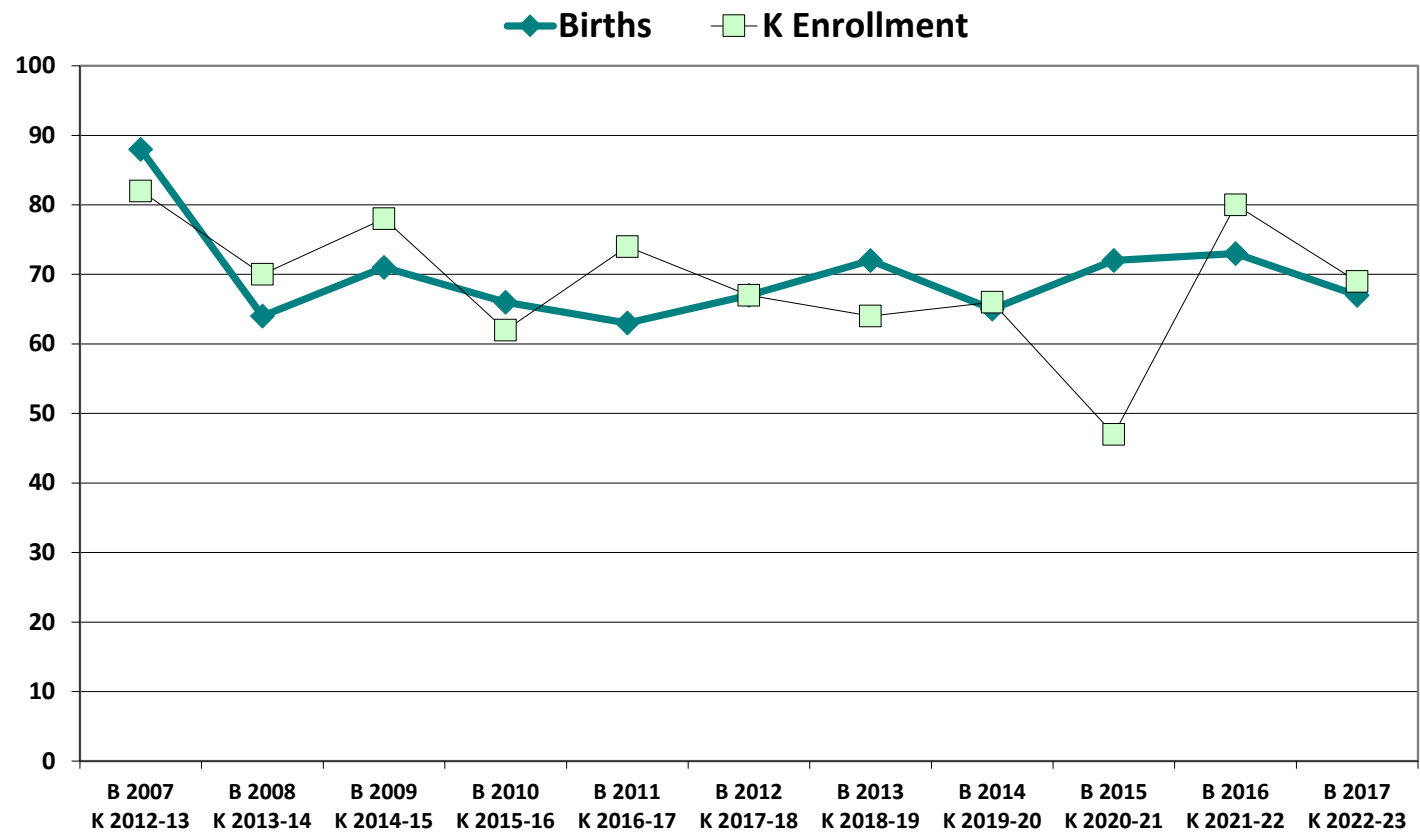


Historical & Projected Enrollments in Grade Combinations





Birth-to-Kindergarten Relationship



Additional Information

Building Permits Issued (Source: HUD)		
Year	Single-Family	Multi-Units
2012	4	0
2018	10	0
2019	8	14
2020	10	2
2021	7	0
2022	0 to date	0 to date

Enrollment History*		
Year	Career-Tech 9-12 Total	Non-Public K-12 Total
2012-13	n/a	n/a
2018	n/a	n/a
2019	n/a	n/a
2020	n/a	n/a
2021-22	21	n/a
2022-23	22	n/a

Residents in Non-Public Independent and Parochial Schools (General Education)*														
Oct. 1 Enrollment	K	1	2	3	4	5	6	7	8	9	10	11	12	K-12 TOTAL
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

K-12 Home-Schooled Students*	
2022	5

K-12 Residents in Charter or Magnet Schools, or Choiced-out*	
2022	n/a

K-12 Special Education Outplaced Students*	
2022	14

K-12 Tuitioned-In, Choiced-In, & Other Non-Residents*	
2022	4

*The above data were provided by the District, with the exception of building permit data (provided by HUD).

"n/a" signifies that information was not provided by District.

New England's PK-12 Enrollment Trends

From 2020 to 2030, the US Department of Education anticipates changes in PK-12 enrollment of -2.4% in the South, -6.5% in the West, -3.8% in the Midwest, -6.2% in the Northeast, and a total of -4.3% nationwide.

State	Fall 2020 PK - 12	Fall 2030 Projected	PK-12 Decline	% Change 2020-2030
CT	509,058	475,600	-33,458	-6.6%
ME	172,455	161,800	-10,655	-6.2%
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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.

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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.

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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.

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Atkinson, NH
Timberlane Regional School District
2022-23 Enrollment Projection Report

Table of Contents

Section	Page
Enrollment Summary.....	1
Historical Enrollment Table.....	2
Historical Enrollment Graph.....	3
Projected Enrollment Table.....	4
Projected Enrollment Graph.....	5
Historical & Projected Enrollment Graph.....	6
Historical & Projected Enrollment in Grade Combinations Line Graph.....	7
Historical & Projected Enrollment in Grade Combinations Stacked Column Graph.....	8
Birth to Kindergarten Relationship Graph.....	9
Additional Information	10
New England's PK-12 Enrollment Trends.....	11
Reliability and Use of this Document	12

Enrollment Summary

The global pandemic continues to influence our nation's public health and economic stability in unpredictable ways. As such, it is still too early to identify many of the factors that could impact school enrollments. Over the past school year, we have seen fluctuations in the real estate market and job trends, which have impacted student attendance patterns. Moreover, during the past school year, we have seen how school enrollment patterns can differ substantially from one district to another, with some districts losing students while others experience an influx of students.

We are pleased to send you this report displaying the past, present, and projected enrollments for the District. These ten-year projections are designed to provide the 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 have received the figures given to us by the District, and we assume that the method of collecting the enrollment 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 "Second Semester Refresher" enrollment projection at no cost to affiliates. (For more information please refer to the Reliability and Use of This Document section)

The NESDEC enrollment projection fell within 19 students of the K-12 total, 722 students projected vs. 703 enrolled. One variance of 15 student occurred at Kindergarten, 58 students were projected vs. 43 enrolled. Ratios have been adjusted.

Births increased by 9 from a previous ten-year average of 39 to a projected average of 48.

Over the next three years, K-5 enrollments are projected to increase by 17 students, Grades 6-8 enrollments are projected to increase by 12 students, and Grades 9-12 enrollments are projected to decrease by 27 students as students move through the grades.

Historical Enrollment

School District: Atkinson, NH

11/20/2022

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
2007	45	2012-13	18	52	38	81	53	78	94	65	79	77	74	83	76	92	0	942	960
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

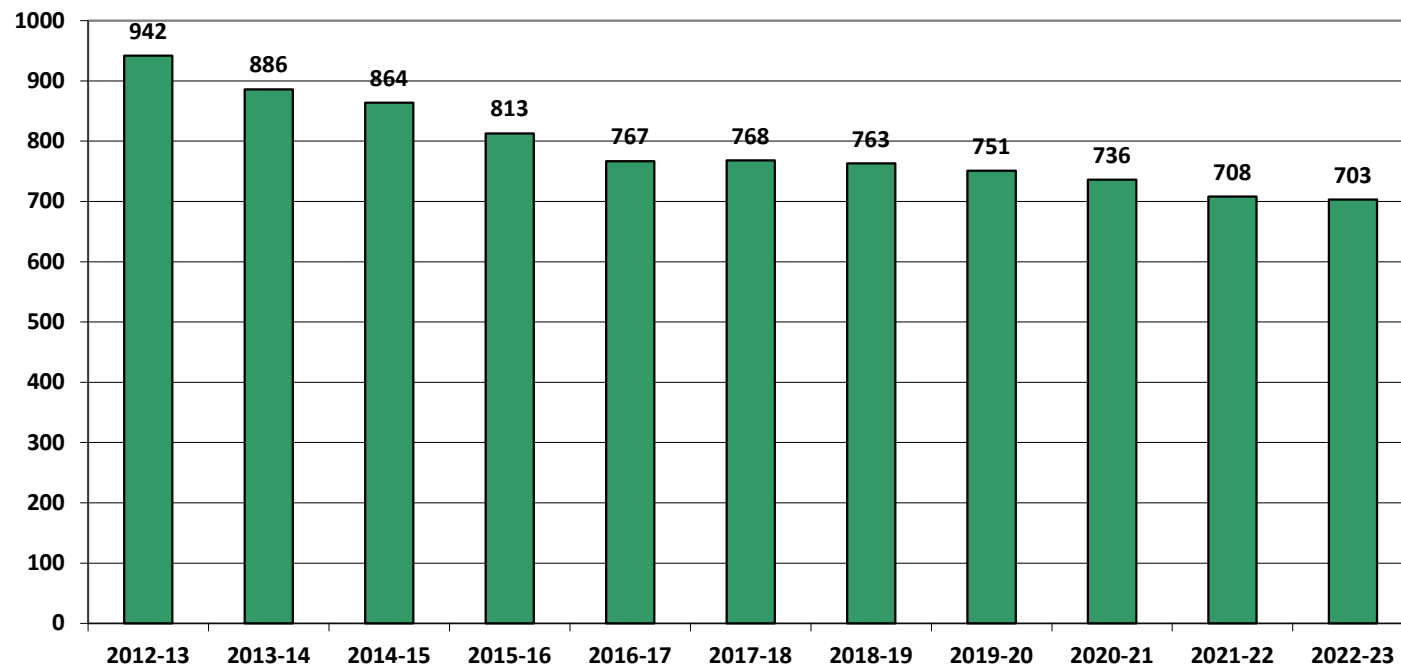
*Birth data provided by Public Health Vital Records Departments in each state.

Historical Enrollment in Grade Combinations									
Year	PK-5	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2012-13	414	396	461	617	315	221	156	481	325
2013-14	370	353	441	582	307	229	141	445	304
2014-15	362	350	426	571	272	221	145	438	293
2015-16	355	338	389	545	288	207	156	424	268
2016-17	326	306	384	503	242	197	119	383	264
2017-18	348	329	376	505	249	176	129	392	263
2018-19	357	333	405	527	258	194	122	358	236
2019-20	331	316	376	493	226	177	117	375	258
2020-21	348	334	379	507	233	173	128	357	229
2021-22	349	332	389	491	211	159	102	319	217
2022-23	359	330	380	484	202	154	104	323	219

Historical Percentage Changes			
Year	K-12	Diff.	%
2012-13	942	0	0.0%
2013-14	886	-56	-5.9%
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%
Change		-239	-25.4%

Historical Enrollment

K-12, School Years 2012-13 to 2022-23



Projected Enrollment

School District: Atkinson, NH

11/20/2022

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
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	48	52	56	60	64	61	45	51	56	42	51	53	44	0	683	712
2019	47		2024-25	29	52	58	51	56	61	66	58	45	50	50	42	52	56	0	697	726
2020	51		2025-26	29	56	63	57	51	57	63	62	59	45	45	50	42	55	0	705	734
2021	50		2026-27	29	55	68	62	57	52	59	59	63	58	40	45	51	44	0	713	742
2022	48	(est.)	2027-28	29	53	67	67	62	58	53	56	60	62	52	40	45	54	0	729	758
2023	48	(est.)	2028-29	29	53	64	66	67	63	60	50	57	59	55	52	40	47	0	733	762
2024	49	(est.)	2029-30	29	54	64	63	66	68	65	57	51	56	53	55	53	42	0	747	776
2025	49	(est.)	2030-31	29	54	65	63	63	67	70	61	58	50	50	53	56	56	0	766	795
2026	49	(est.)	2031-32	29	54	65	64	63	64	69	66	62	57	45	50	54	59	0	772	801
2027	49	(est.)	2032-33	29	53	65	64	64	64	66	65	67	61	51	45	51	57	0	773	802

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.

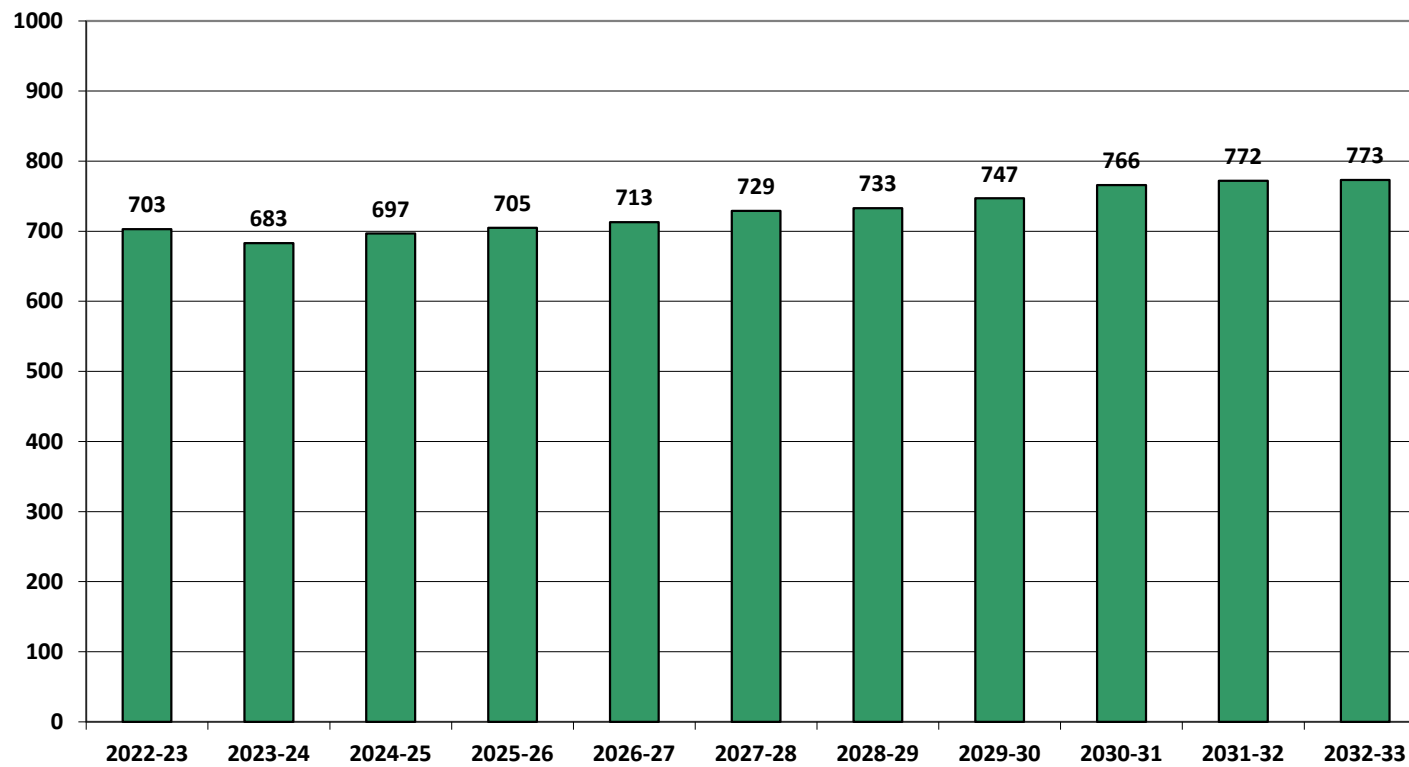
Projected Enrollment in Grade Combinations*									
Year	PK-5	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2022-23	359	330	380	484	202	154	104	323	219
2023-24	370	341	386	493	213	152	107	297	190
2024-25	373	344	402	497	219	153	95	295	200
2025-26	376	347	409	513	229	166	104	296	192
2026-27	382	353	412	533	239	180	121	301	180
2027-28	389	360	416	538	231	178	122	313	191
2028-29	402	373	423	539	226	166	116	310	194
2029-30	409	380	437	544	229	164	107	310	203
2030-31	411	382	443	551	239	169	108	323	215
2031-32	408	379	445	564	254	185	119	327	208
2032-33	405	376	441	569	259	193	128	332	204

Projected Percentage Changes			
Year	K-12	Diff.	%
2022-23	703	0	0.0%
2023-24	683	-20	-2.8%
2024-25	697	14	2.0%
2025-26	705	8	1.1%
2026-27	713	8	1.1%
2027-28	729	16	2.2%
2028-29	733	4	0.5%
2029-30	747	14	1.9%
2030-31	766	19	2.5%
2031-32	772	6	0.8%
2032-33	773	1	0.1%
Change	70		10.0%

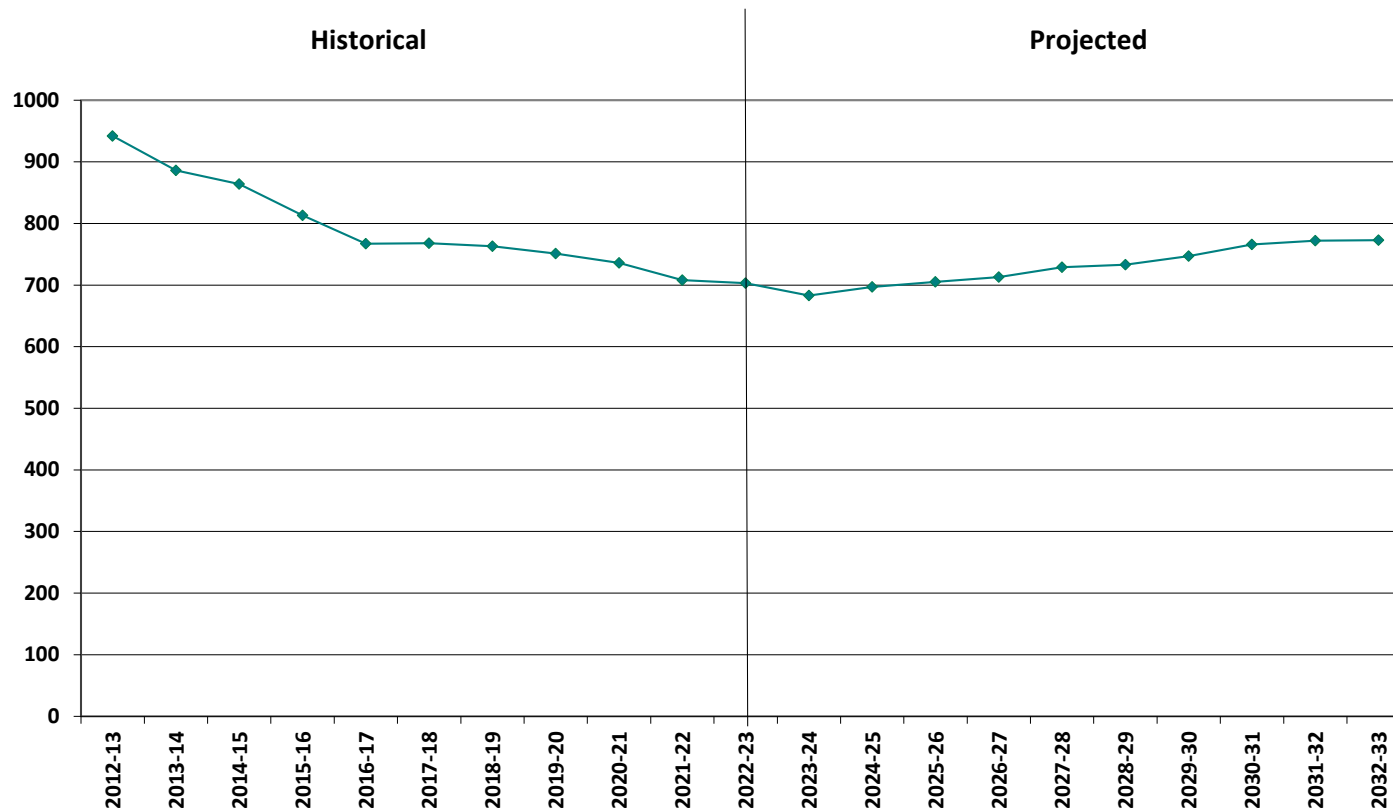
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Projected Enrollment

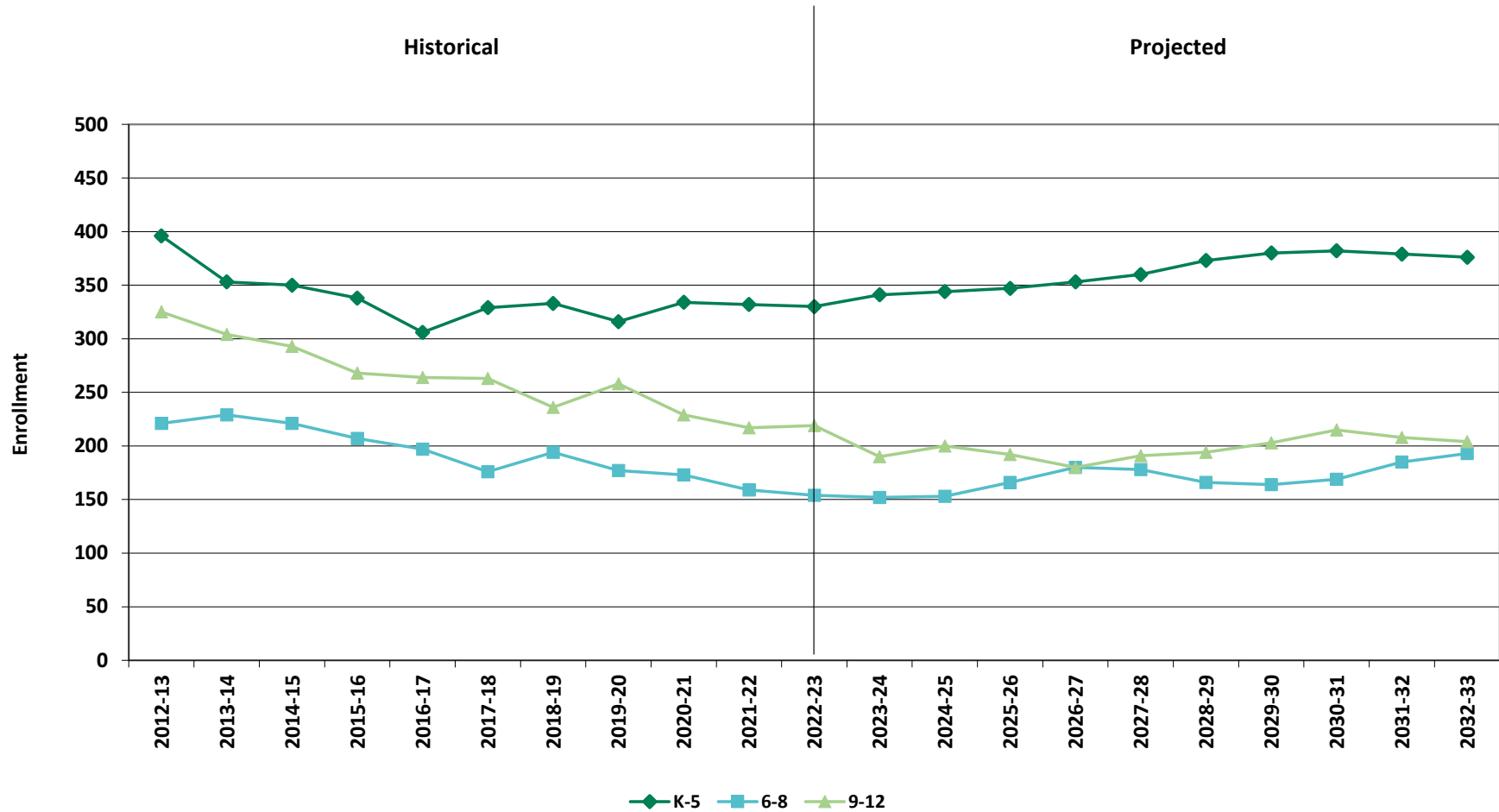
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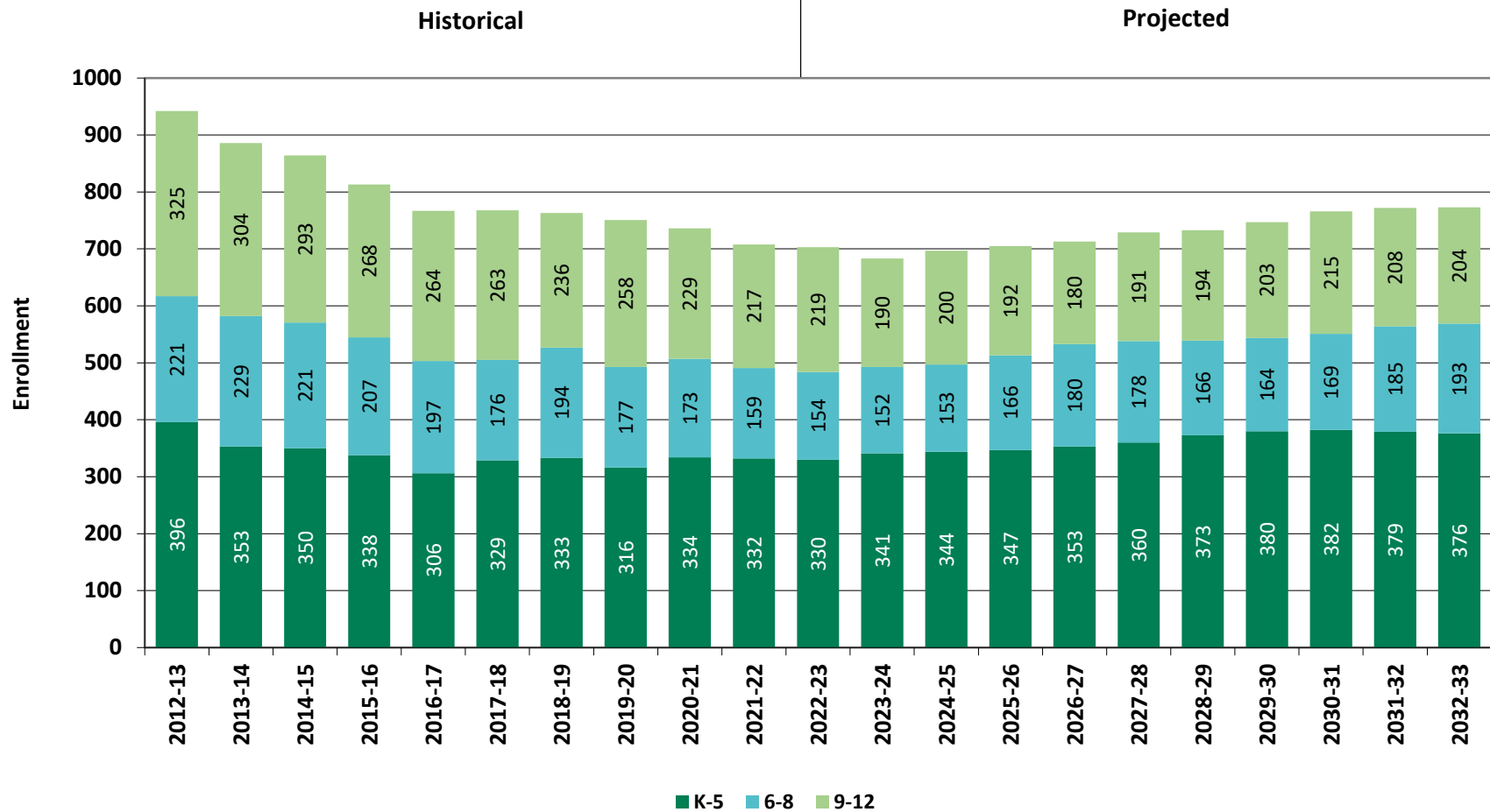
Historical & Projected Enrollment



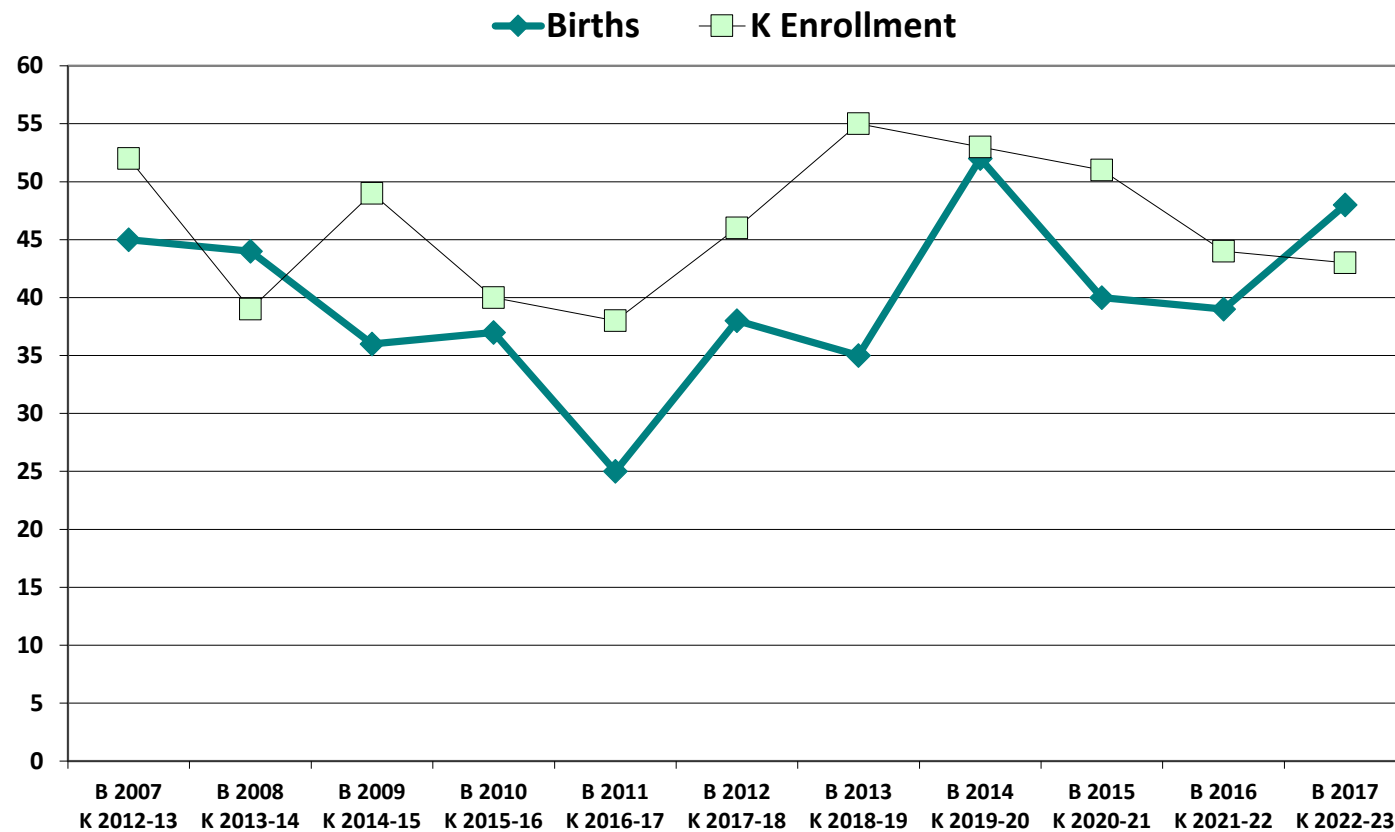
Historical & Projected Enrollments in Grade Combinations



Historical & Projected Enrollments in Grade Combinations



Birth-to-Kindergarten Relationship



Additional Information

Building Permits Issued (Source: HUD)		
Year	Single-Family	Multi-Units
2012	8	0
2018	28	46
2019	22	0
2020	28	32
2021	11	32
2022	1 to date	32 to date

Enrollment History*		
Year	Career-Tech 9-12 Total	Non-Public K-12 Total
2012-13	n/a	n/a
2018	n/a	n/a
2019	n/a	n/a
2020	n/a	n/a
2021-22	15	n/a
2022-23	24	n/a

Residents in Non-Public Independent and Parochial Schools (General Education)*														
Oct. 1 Enrollment	K	1	2	3	4	5	6	7	8	9	10	11	12	K-12 TOTAL
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

K-12 Home-Schooled Students*	
2022	1

K-12 Residents in Charter or Magnet Schools, or Choiced-out*	
2022	n/a

K-12 Special Education Outplaced Students*	
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K-12 Tuitioned-In, Choiced-In, & Other Non-Residents*	
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Timberlane Regional School District
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Table of Contents

Section	Page
Enrollment Summary.....	1
Historical Enrollment Table.....	2
Historical Enrollment Graph.....	3
Projected Enrollment Table.....	4
Projected Enrollment Graph.....	5
Historical & Projected Enrollment Graph.....	6
Historical & Projected Enrollment in Grade Combinations Line Graph.....	7
Historical & Projected Enrollment in Grade Combinations Stacked Column Graph.....	8
Birth to Kindergarten Relationship Graph.....	9
Additional Information	10
New England's PK-12 Enrollment Trends.....	11
Reliability and Use of this Document	12

Enrollment Summary

The global pandemic continues to influence our nation's public health and economic stability in unpredictable ways. As such, it is still too early to identify many of the factors that could impact school enrollments. Over the past school year, we have seen fluctuations in the real estate market and job trends, which have impacted student attendance patterns. Moreover, during the past school year, we have seen how school enrollment patterns can differ substantially from one district to another, with some districts losing students while others experience an influx of students.

We are pleased to send you this report displaying the past, present, and projected enrollments for the District. These ten-year projections are designed to provide the 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 have received the figures given to us by the District, and we assume that the method of collecting the enrollment 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 "Second Semester Refresher" enrollment projection at no cost to affiliates. (For more information please refer to the Reliability and Use of This Document section)

The NESDEC enrollment projection fell within 5 students of the K-12 total, 574 students projected vs. 579 enrolled.

Births increased by 5 from a previous ten-year average of 34 to a projected average of 39.

Over the next three years, K-5 enrollments are projected to increase by 18 students, Grades 6-8 enrollments are projected to increase by 4 students, and Grades 9-12 enrollments are projected to increase by 5 students as students move through the grades.

Historical Enrollment

School District: Danville, NH

11/20/2022

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
2007	40	2012-13	13	46	54	26	59	54	54	62	79	65	66	67	69	63	0	764	777
2008	34	2013-14	14	41	54	49	27	60	56	53	62	79	56	63	67	76	0	743	757
2009	35	2014-15	5	38	49	51	54	28	60	57	51	61	73	57	65	68	0	712	717
2010	29	2015-16	15	27	39	52	56	51	28	59	57	52	59	74	59	65	0	678	693
2011	33	2016-17	22	43	28	43	43	55	48	30	59	52	49	57	68	60	0	635	657
2012	25	2017-18	7	40	52	33	44	47	56	48	30	55	48	52	53	66	0	624	631
2013	33	2018-19	25	30	44	51	32	46	36	59	45	28	51	50	51	50	0	573	598
2014	45	2019-20	10	60	32	42	59	33	48	40	58	45	32	50	45	48	0	592	602
2015	29	2020-21	11	29	53	34	41	59	29	45	39	53	48	33	51	47	0	561	572
2016	40	2021-22	20	42	42	53	42	44	58	32	46	39	45	46	35	53	0	577	597
2017	40	2022-23	34	41	43	47	52	43	44	60	33	44	40	48	47	37	0	579	613

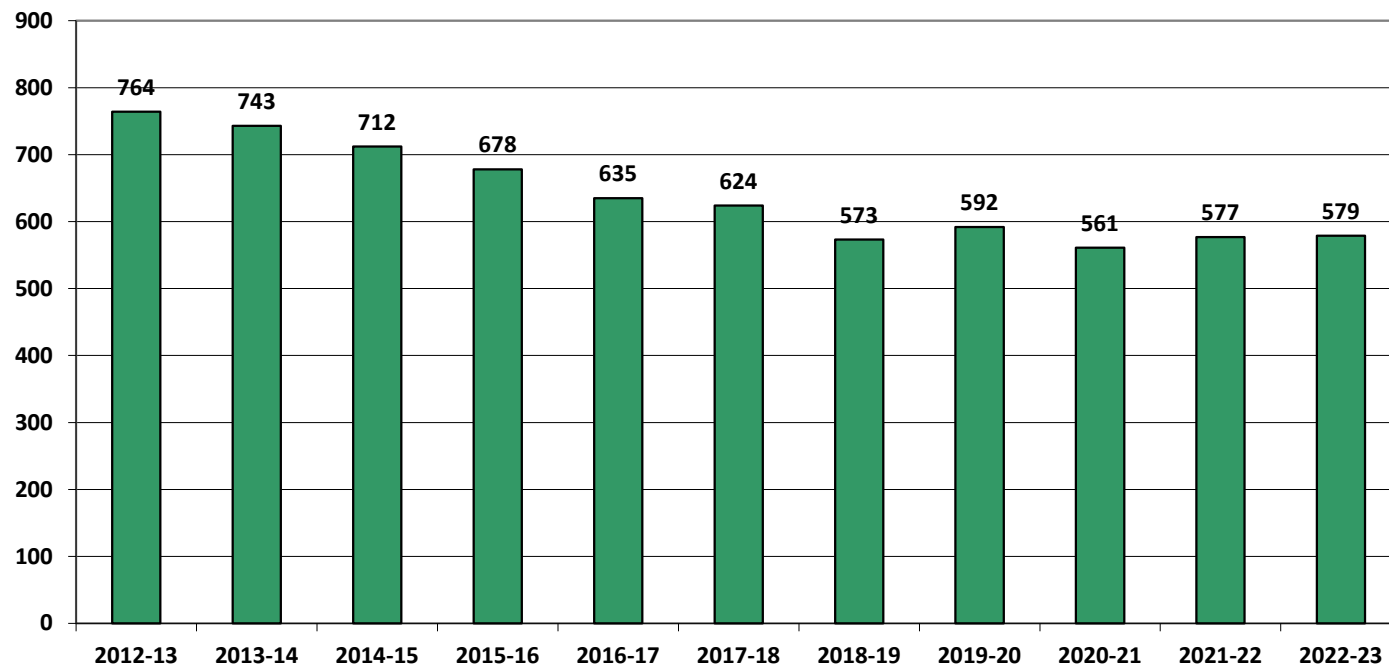
*Birth data provided by Public Health Vital Records Departments in each state.

Historical Enrollment in Grade Combinations									
Year	PK-5	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2012-13	306	293	355	499	260	206	144	409	265
2013-14	301	287	340	481	250	194	141	403	262
2014-15	285	280	337	449	229	169	112	375	263
2015-16	268	253	312	421	196	168	109	366	257
2016-17	282	260	290	401	189	141	111	345	234
2017-18	279	272	320	405	189	133	85	304	219
2018-19	264	239	298	371	168	132	73	275	202
2019-20	284	274	314	417	191	143	103	278	175
2020-21	256	245	290	382	166	137	92	271	179
2021-22	301	281	313	398	175	117	85	264	179
2022-23	304	270	330	407	181	137	77	249	172

Historical Percentage Changes			
Year	K-12	Diff.	%
2012-13	764	0	0.0%
2013-14	743	-21	-2.7%
2014-15	712	-31	-4.2%
2015-16	678	-34	-4.8%
2016-17	635	-43	-6.3%
2017-18	624	-11	-1.7%
2018-19	573	-51	-8.2%
2019-20	592	19	3.3%
2020-21	561	-31	-5.2%
2021-22	577	16	2.9%
2022-23	579	2	0.3%
Change	-185		-24.2%

Historical Enrollment

K-12, School Years 2012-13 to 2022-23



Projected Enrollment

School District: Danville, NH

11/20/2022

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
2017	40		2022-23	34	41	43	47	52	43	44	60	33	44	40	48	47	37	0	579	613
2018	44		2023-24	34	45	46	45	50	54	41	46	60	32	44	41	48	49	0	601	635
2019	42		2024-25	34	43	50	48	48	52	52	43	46	57	32	45	41	50	0	607	641
2020	35		2025-26	34	36	48	53	51	50	50	54	43	44	56	33	45	43	0	606	640
2021	38		2026-27	34	39	40	50	56	53	48	52	54	41	44	57	33	47	0	614	648
2022	40	(est.)	2027-28	34	41	44	42	53	58	51	50	52	52	41	45	57	34	0	620	654
2023	40	(est.)	2028-29	34	41	46	46	45	55	55	53	50	50	51	42	45	59	0	638	672
2024	39	(est.)	2029-30	34	40	46	48	49	46	52	57	53	48	50	52	42	47	0	630	664
2025	38	(est.)	2030-31	34	39	45	48	51	51	44	54	57	51	48	51	52	44	0	635	669
2026	39	(est.)	2031-32	34	40	44	47	51	53	49	46	54	55	50	49	51	54	0	643	677
2027	39	(est.)	2032-33	34	40	45	46	50	53	51	51	46	52	54	51	49	53	0	641	675

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.

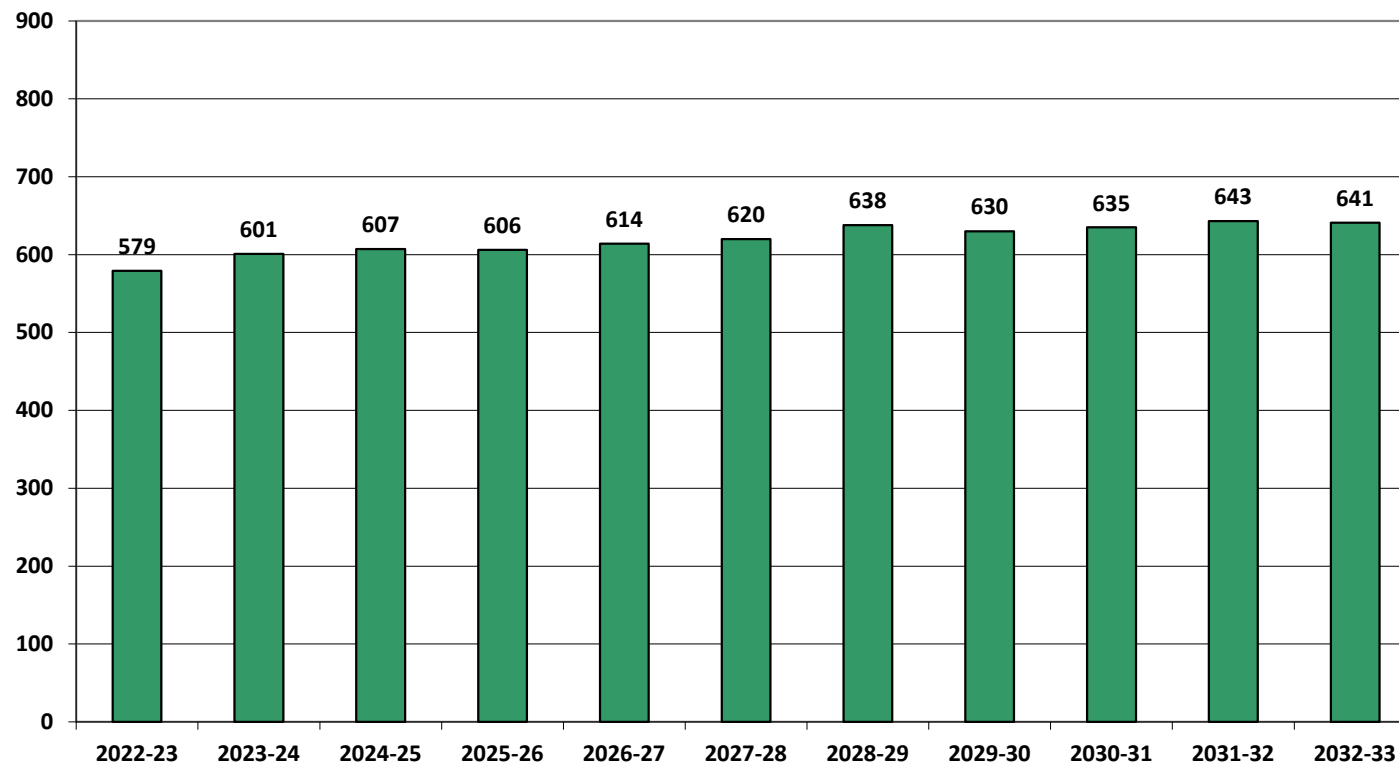
Projected Enrollment in Grade Combinations*									
Year	PK-5	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2022-23	304	270	330	407	181	137	77	249	172
2023-24	315	281	327	419	179	138	92	274	182
2024-25	327	293	336	439	198	146	103	271	168
2025-26	322	288	342	429	191	141	87	264	177
2026-27	320	286	338	433	195	147	95	276	181
2027-28	323	289	339	443	205	154	104	281	177
2028-29	322	288	341	441	208	153	100	297	197
2029-30	315	281	338	439	210	158	101	292	191
2030-31	312	278	332	440	206	162	108	303	195
2031-32	318	284	330	439	204	155	109	313	204
2032-33	319	285	336	434	200	149	98	305	207

Projected Percentage Changes			
Year	K-12	Diff.	%
2022-23	579	0	0.0%
2023-24	601	22	3.8%
2024-25	607	6	1.0%
2025-26	606	-1	-0.2%
2026-27	614	8	1.3%
2027-28	620	6	1.0%
2028-29	638	18	2.9%
2029-30	630	-8	-1.3%
2030-31	635	5	0.8%
2031-32	643	8	1.3%
2032-33	641	-2	-0.3%
Change	62		10.7%

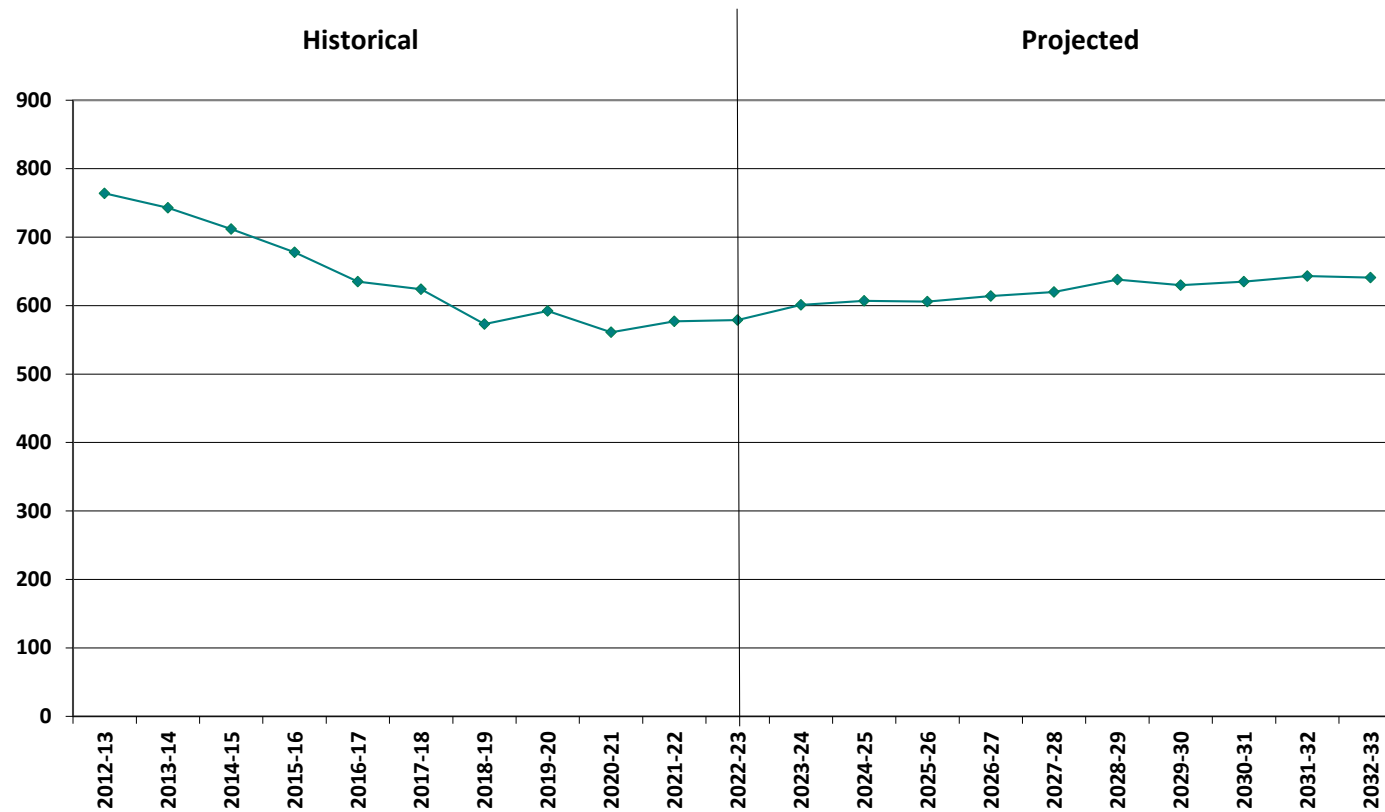
*Projections should be updated annually to reflect changes in in/out-migration of families, real estate sales, residential construction, births, and similar factors.

Projected Enrollment

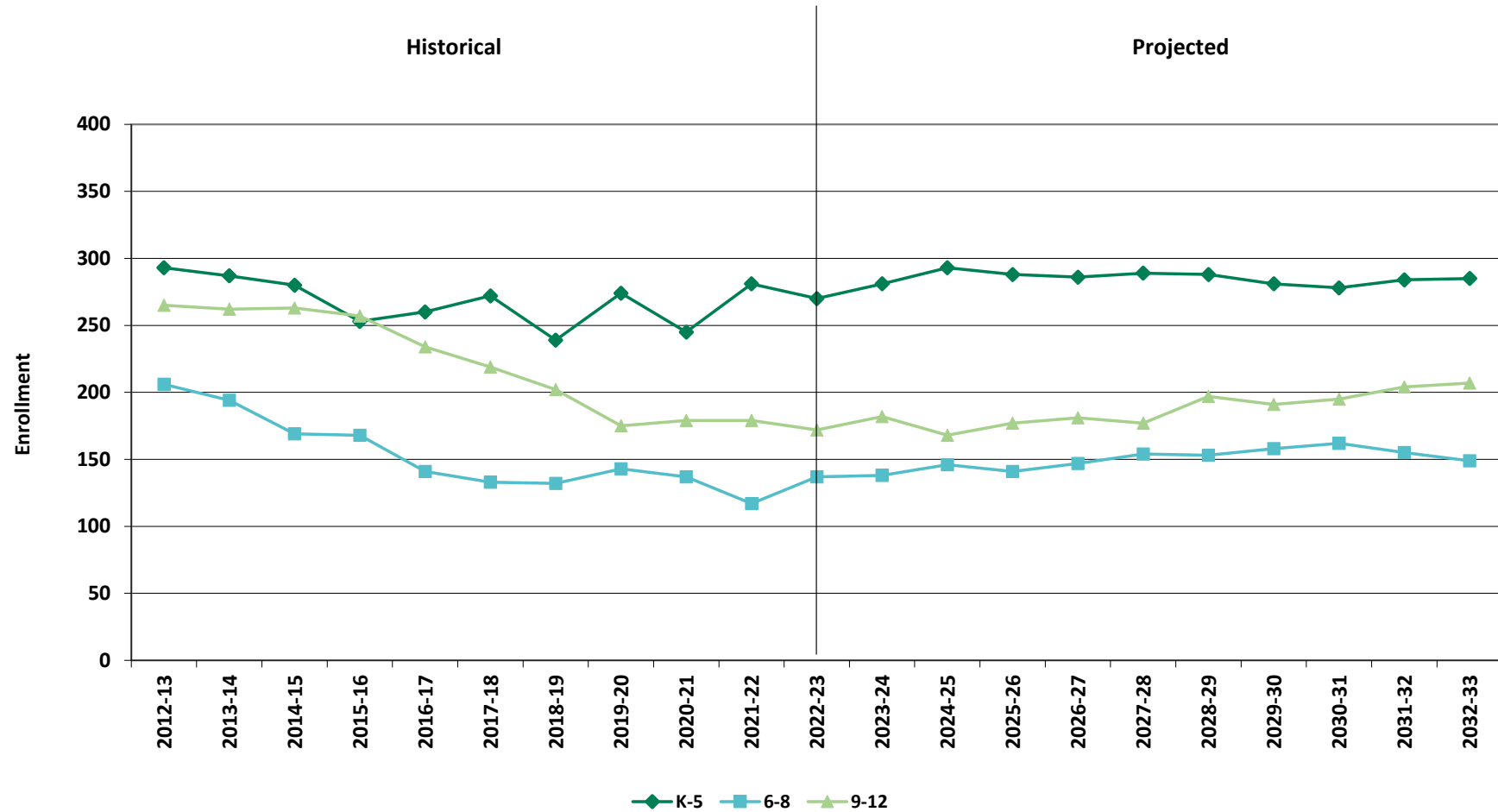
K-12, School Years 2022-23 to 2032-33



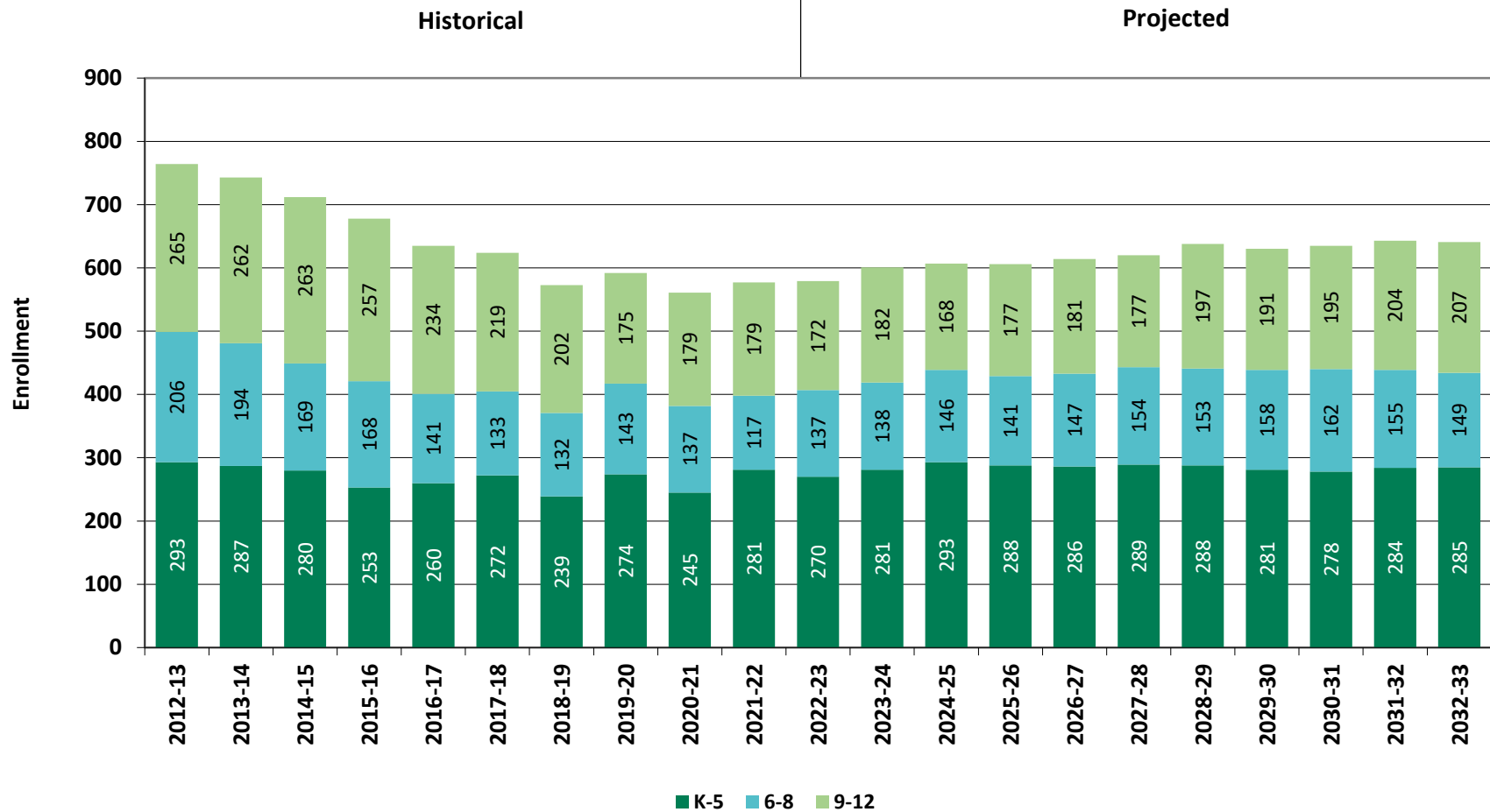
Historical & Projected Enrollment



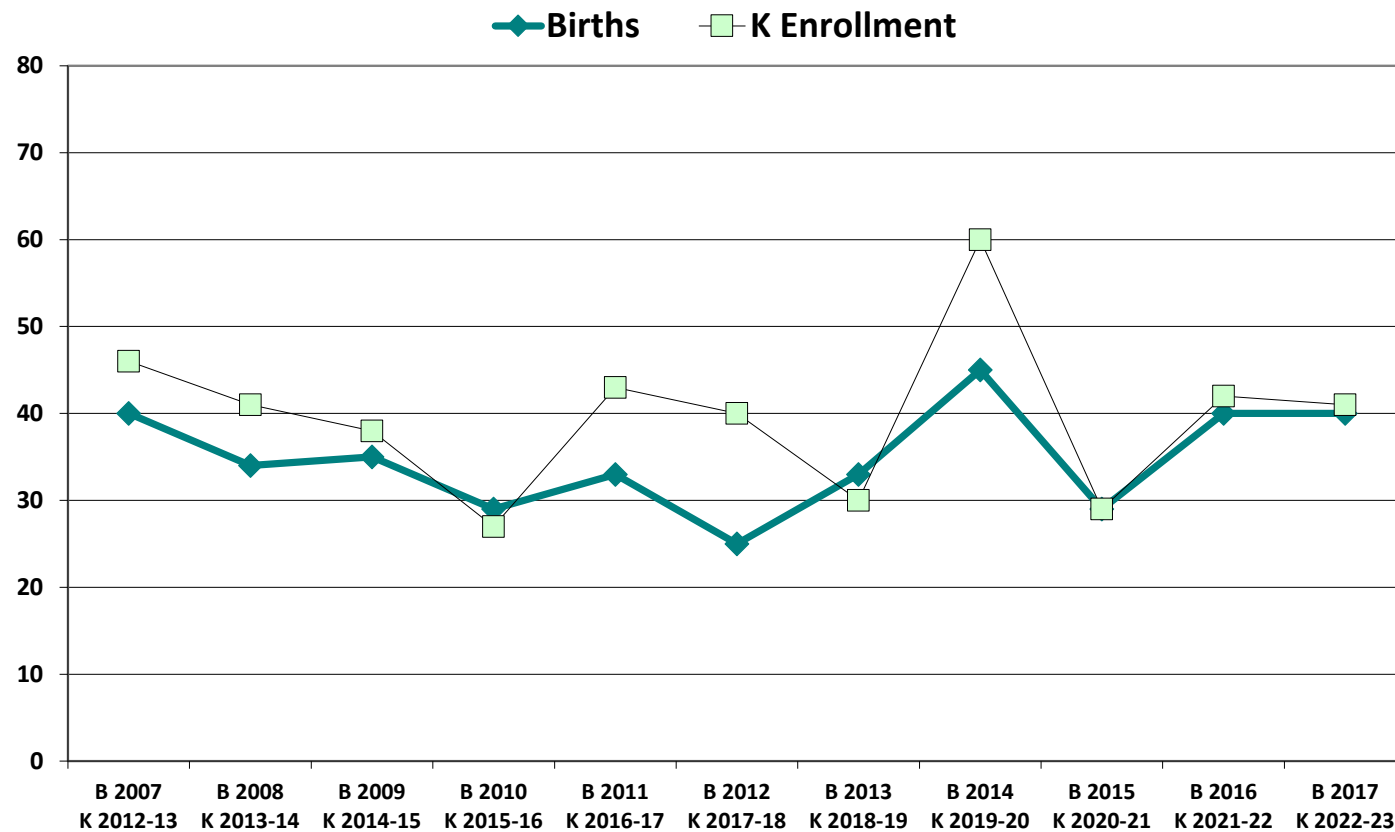
Historical & Projected Enrollments in Grade Combinations



Historical & Projected Enrollments in Grade Combinations



Birth-to-Kindergarten Relationship



Additional Information

Building Permits Issued (Source: HUD)		
Year	Single-Family	Multi-Units
2012	1	0
2018	14	0
2019	24	0
2020	40	0
2021	8	2
2022	9 to date	12 to date

Enrollment History*		
Year	Career-Tech 9-12 Total	Non-Public K-12 Total
2012-13	n/a	n/a
2018	n/a	n/a
2019	n/a	n/a
2020	n/a	n/a
2021-22	18	n/a
2022-23	24	n/a

Residents in Non-Public Independent and Parochial Schools (General Education)*														
Oct. 1 Enrollment	K	1	2	3	4	5	6	7	8	9	10	11	12	K-12 TOTAL
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

K-12 Home-Schooled Students*	
2022	6

K-12 Residents in Charter or Magnet Schools, or Choiced-out*	
2022	n/a

K-12 Special Education Outplaced Students*	
2022	4

K-12 Tuitioned-In, Choiced-In, & Other Non-Residents*	
2022	n/a

*The above data were provided by the District, with the exception of building permit data (provided by HUD).

"n/a" signifies that information was not provided by District.

New England's PK-12 Enrollment Trends

From 2020 to 2030, the US Department of Education anticipates changes in PK-12 enrollment of -2.4% in the South, -6.5% in the West, -3.8% in the Midwest, -6.2% in the Northeast, and a total of -4.3% nationwide.

State	Fall 2020 PK - 12	Fall 2030 Projected	PK-12 Decline	% Change 2020-2030
CT	509,058	475,600	-33,458	-6.6%
ME	172,455	161,800	-10,655	-6.2%
MA	921,712	879,900	-41,812	-4.5%
NH	169,027	144,600	-24,427	-14.5%
RI	139,184	130,200	-8,984	-6.5%
VT	82,401	74,600	-7,801	-9.5%

Source: U.S. Department of Education, National Center for Education Statistics,
Enrollment In Public Schools fall 1990 to fall 2030, Table 203.20, March 2022.

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.

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 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 2018-19 increased to 104 students in Grade 2 in 2019-20, 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).



Sandown, NH
Timberlane Regional School District
2022-23 Enrollment Projection Report

Table of Contents

Section	Page
Enrollment Summary.....	1
Historical Enrollment Table.....	2
Historical Enrollment Graph.....	3
Projected Enrollment Table.....	4
Projected Enrollment Graph.....	5
Historical & Projected Enrollment Graph.....	6
Historical & Projected Enrollment in Grade Combinations Line Graph.....	7
Historical & Projected Enrollment in Grade Combinations Stacked Column Graph.....	8
Birth to Kindergarten Relationship Graph.....	9
Additional Information	10
New England's PK-12 Enrollment Trends.....	11
Reliability and Use of this Document	12

Enrollment Summary

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We are pleased to send you this report displaying the past, present, and projected enrollments for the District. These ten-year projections are designed to provide the 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 have received the figures given to us by the District, and we assume that the method of collecting the enrollment 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 "Second Semester Refresher" enrollment projection at no cost to affiliates. (For more information please refer to the Reliability and Use of This Document section)

The NESDEC enrollment projection fell within 3 students of the K-12 total, 936 students projected vs. 933 enrolled.

Births increased by 12 from a previous ten-year average of 59 to a projected average of 71.

Over the next three years, K-5 enrollments are projected to increase by 51 students, Grades 6-8 enrollments are projected to decrease by 6 students, and Grades 9-12 enrollments are projected to decrease by 11 students as students move through the grades.

Historical Enrollment

School District: Sandown, NH

11/20/2022

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
2007	72	2012-13	0	58	73	72	72	71	84	90	83	97	76	85	93	108	0	1062	1062
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	68	2022-23	52	67	78	72	62	60	71	77	64	77	79	76	72	78	0	933	985

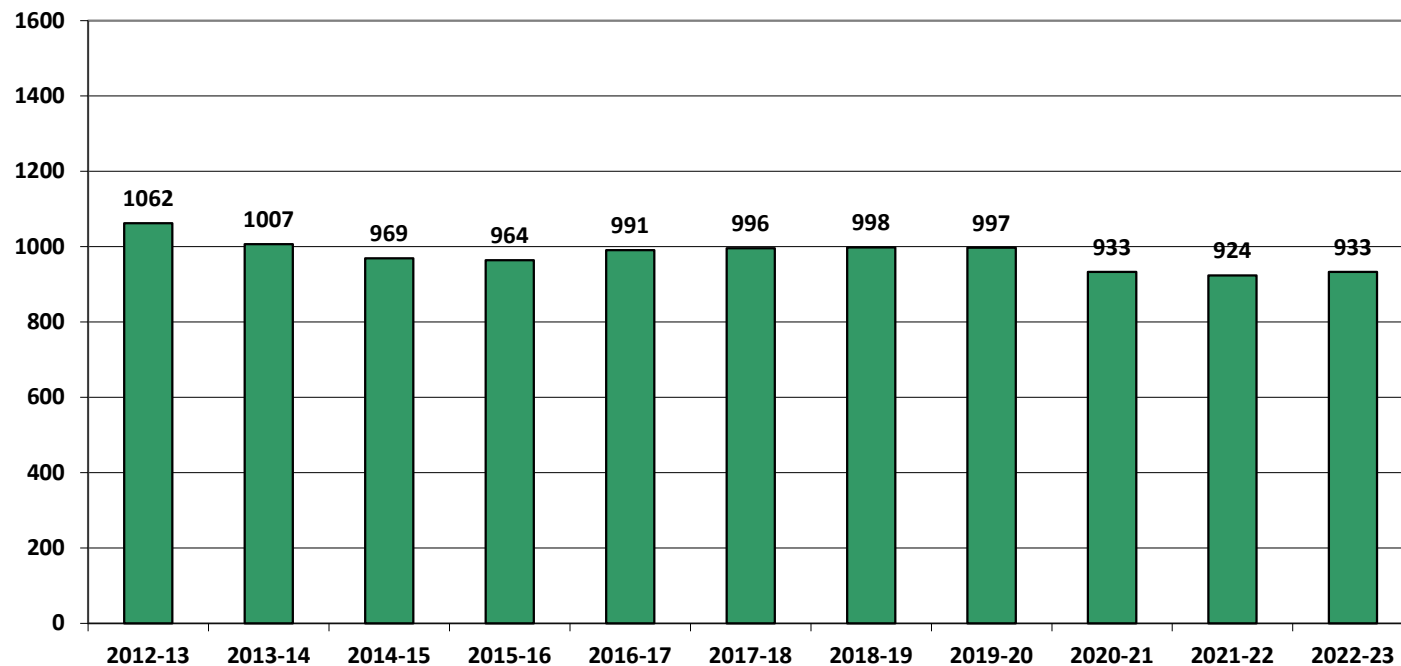
*Birth data provided by Public Health Vital Records Departments in each state.

Historical Enrollment in Grade Combinations									
Year	PK-5	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2012-13	430	430	520	700	354	270	180	542	362
2013-14	427	410	498	665	325	255	167	509	342
2014-15	408	391	457	636	311	245	179	512	333
2015-16	461	409	469	621	289	212	152	495	343
2016-17	458	416	500	647	309	231	147	491	344
2017-18	515	421	500	659	321	238	159	496	337
2018-19	465	419	502	669	324	250	167	496	329
2019-20	491	406	486	664	326	258	178	511	333
2020-21	415	374	442	613	305	239	171	491	320
2021-22	435	395	461	615	295	220	154	463	309
2022-23	462	410	487	628	289	218	141	446	305

Historical Percentage Changes			
Year	K-12	Diff.	%
2012-13	1062	0	0.0%
2013-14	1007	-55	-5.2%
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%
Change	-129		-12.1%

Historical Enrollment

K-12, School Years 2012-13 to 2022-23



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Projected Enrollment

School District: Sandown, NH

11/20/2022

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
2017	68		2022-23	52	67	78	72	62	60	71	77	64	77	79	76	72	78	0	933	985
2018	81		2023-24	52	85	72	76	74	65	61	73	80	65	75	78	75	73	0	952	1004
2019	52		2024-25	52	54	91	70	78	78	66	63	76	82	63	74	77	77	0	949	1001
2020	78		2025-26	52	82	58	88	72	82	79	68	66	78	80	62	73	79	0	967	1019
2021	78		2026-27	52	82	88	56	91	76	83	81	71	67	76	79	61	74	0	985	1037
2022	71	(est.)	2027-28	52	75	88	85	58	96	77	85	84	72	65	75	78	62	0	1000	1052
2023	72	(est.)	2028-29	52	75	80	85	88	61	97	79	88	86	70	64	74	80	0	1027	1079
2024	70	(est.)	2029-30	52	74	80	78	88	92	62	99	82	90	84	69	63	75	0	1036	1088
2025	74	(est.)	2030-31	52	77	79	78	80	92	93	64	103	84	88	82	68	64	0	1052	1104
2026	73	(est.)	2031-32	52	77	83	77	80	84	93	95	67	105	82	86	81	69	0	1079	1131
2027	72	(est.)	2032-33	52	76	83	81	79	84	85	95	99	68	102	80	85	83	0	1100	1152

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.

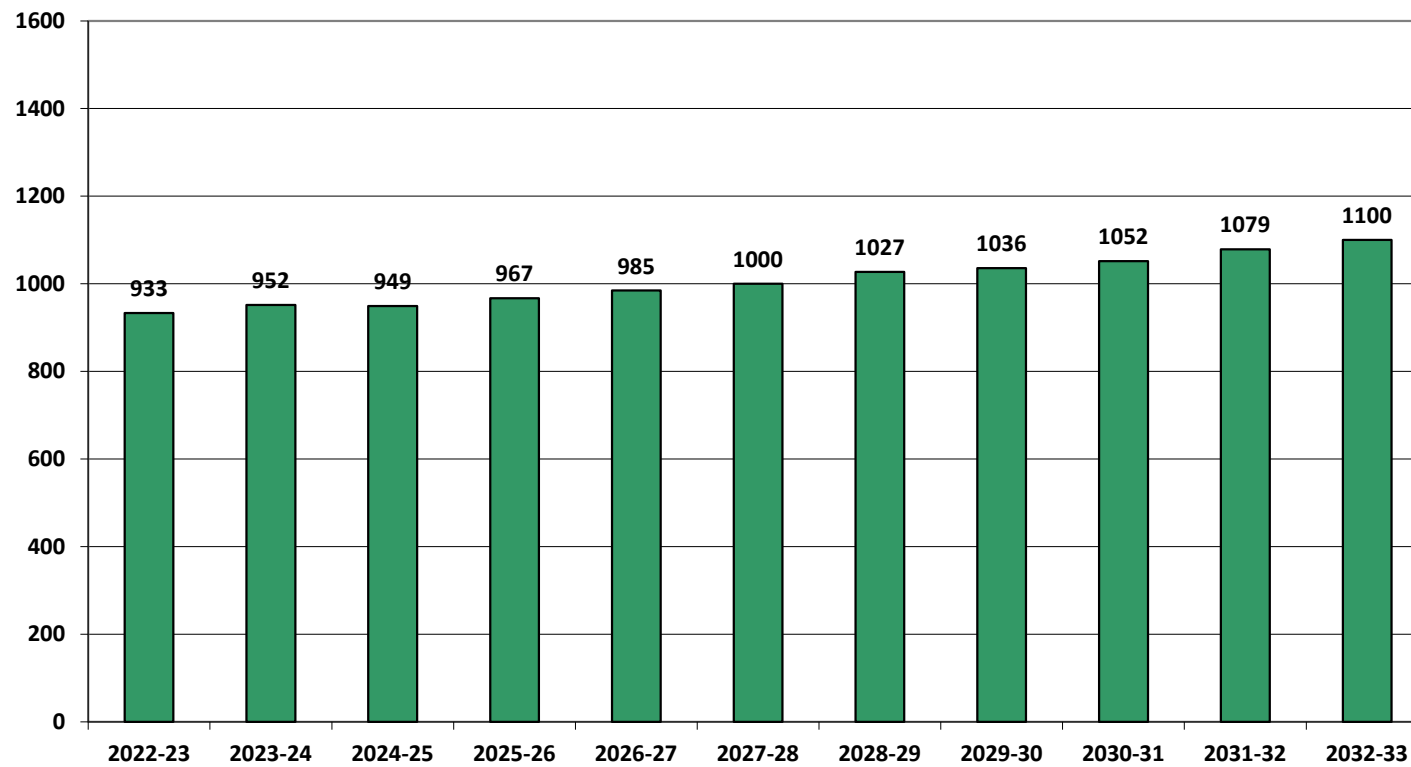
Projected Enrollment in Grade Combinations*									
Year	PK-5	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2022-23	462	410	487	628	289	218	141	446	305
2023-24	485	433	506	651	279	218	145	446	301
2024-25	489	437	500	658	287	221	158	449	291
2025-26	513	461	529	673	291	212	144	438	294
2026-27	528	476	557	695	302	219	138	428	290
2027-28	531	479	564	720	318	241	156	436	280
2028-29	538	486	565	739	350	253	174	462	288
2029-30	526	474	573	745	333	271	172	463	291
2030-31	551	499	563	750	344	251	187	489	302
2031-32	546	494	589	761	360	267	172	490	318
2032-33	540	488	583	750	347	262	167	517	350

Projected Percentage Changes			
Year	K-12	Diff.	%
2022-23	933	0	0.0%
2023-24	952	19	2.0%
2024-25	949	-3	-0.3%
2025-26	967	18	1.9%
2026-27	985	18	1.9%
2027-28	1000	15	1.5%
2028-29	1027	27	2.7%
2029-30	1036	9	0.9%
2030-31	1052	16	1.5%
2031-32	1079	27	2.6%
2032-33	1100	21	1.9%
Change	167		17.9%

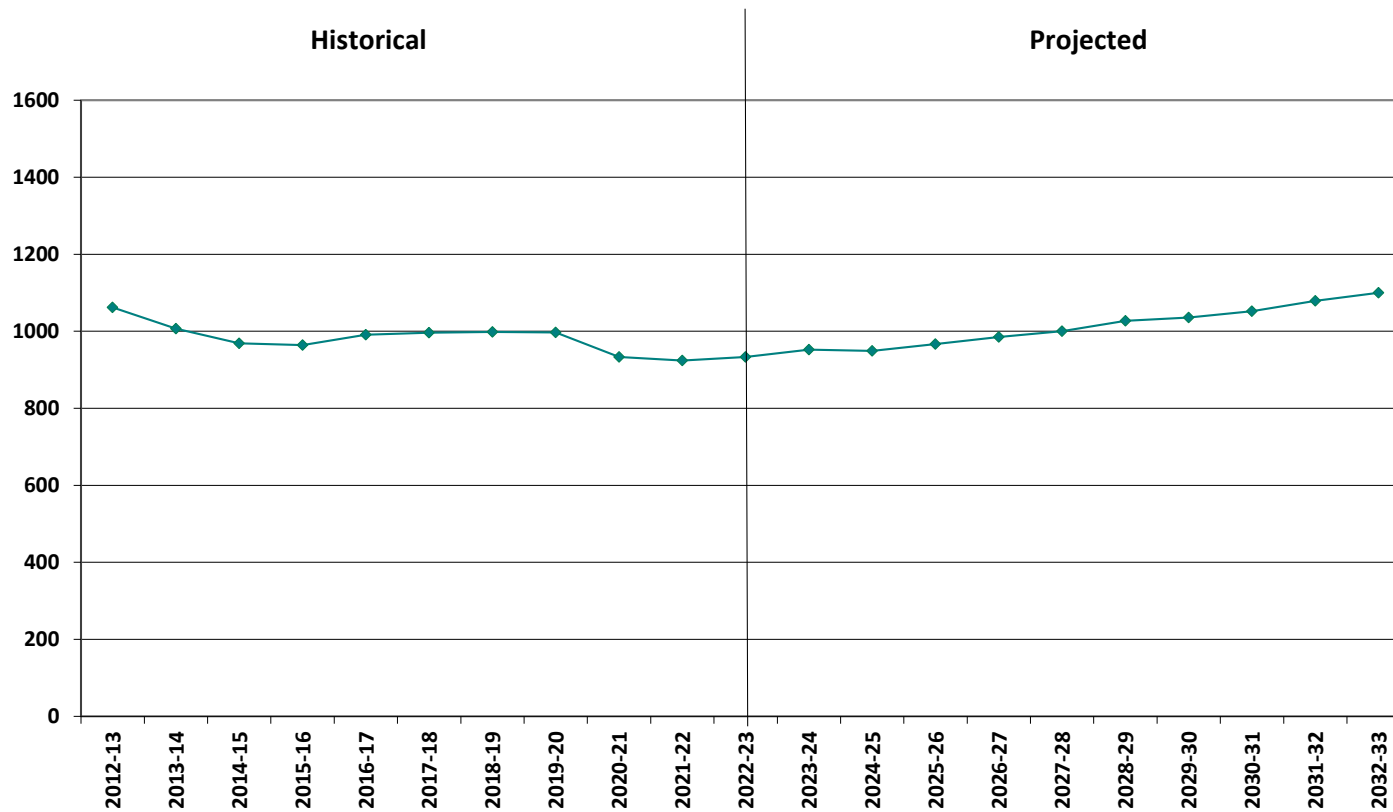
*Projections should be updated annually to reflect changes in in/out-migration of families, real estate sales, residential construction, births, and similar factors.

Projected Enrollment

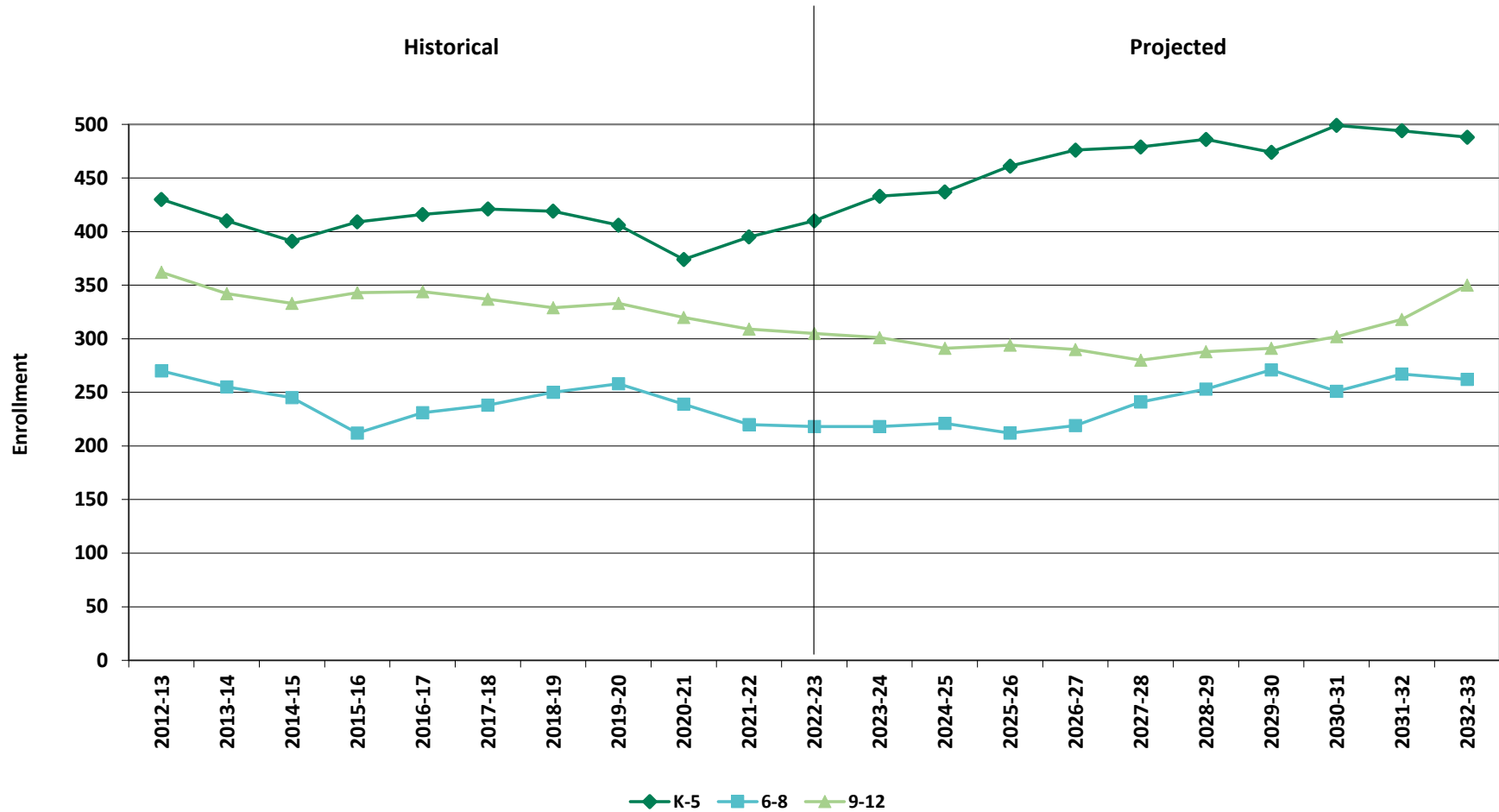
K-12, School Years 2022-23 to 2032-33



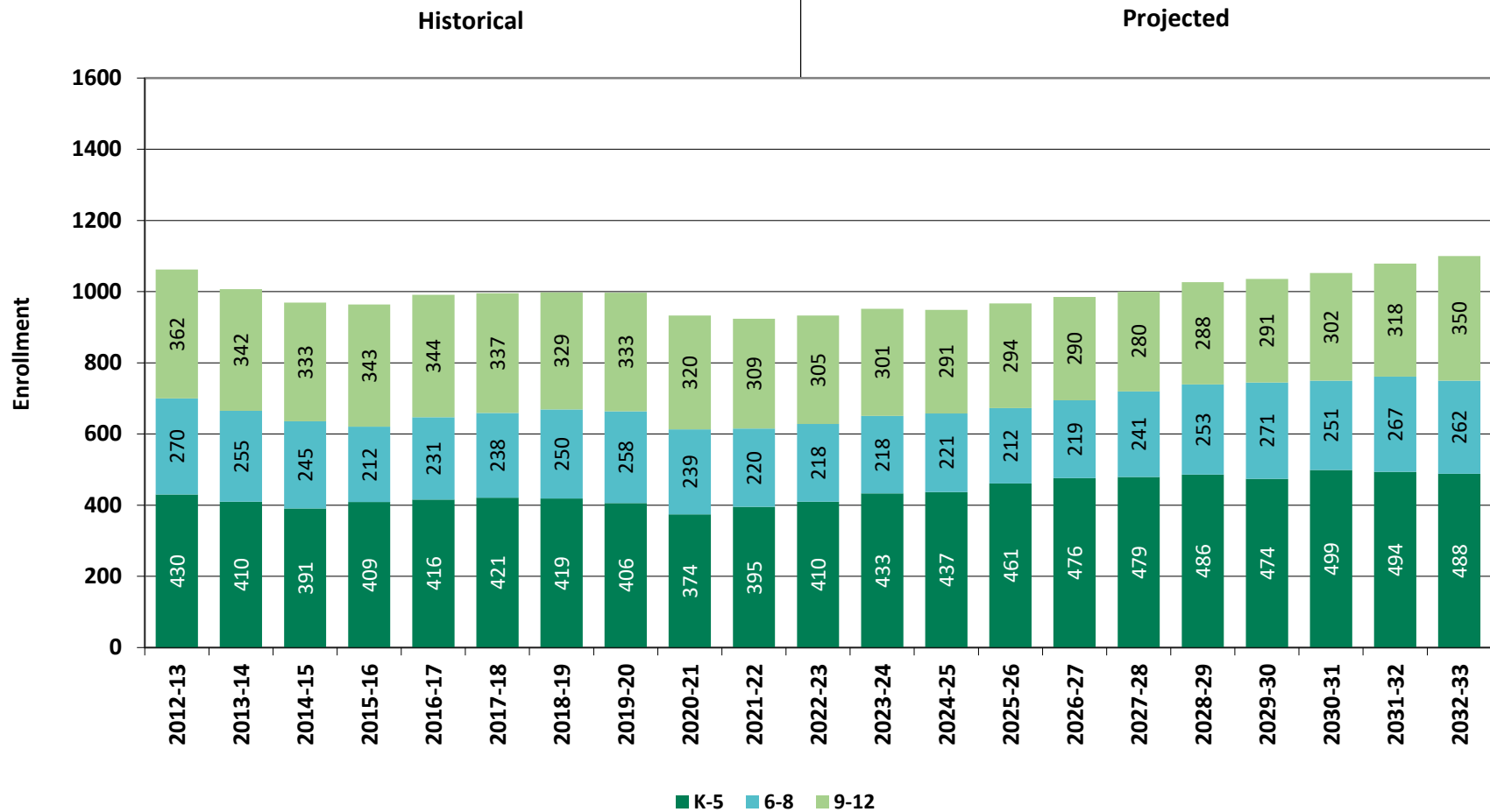
Historical & Projected Enrollment



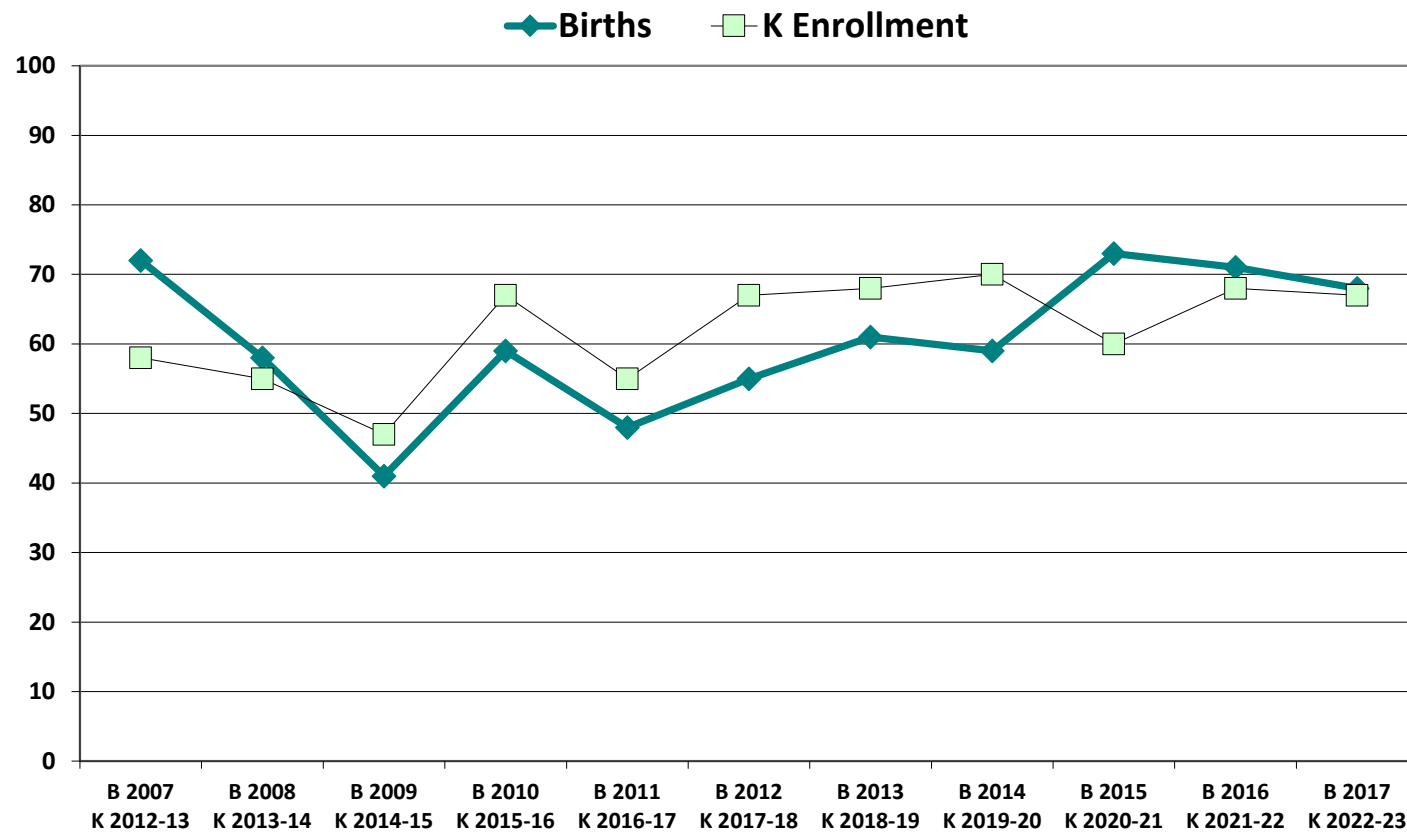
Historical & Projected Enrollments in Grade Combinations



Historical & Projected Enrollments in Grade Combinations



Birth-to-Kindergarten Relationship



Additional Information

Building Permits Issued (Source: HUD)		
Year	Single-Family	Multi-Units
2012	20	0
2018	14	44
2019	11	0
2020	11	0
2021	14	8
2022	15 to date	11 to date

Enrollment History*		
Year	Career-Tech 9-12 Total	Non-Public K-12 Total
2012-13	n/a	n/a
2018	n/a	n/a
2019	n/a	n/a
2020	n/a	n/a
2021-22	29	n/a
2022-23	37	n/a

Residents in Non-Public Independent and Parochial Schools (General Education)*														
Oct. 1 Enrollment	K	1	2	3	4	5	6	7	8	9	10	11	12	K-12 TOTAL
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

K-12 Home-Schooled Students*	
2022	10

K-12 Residents in Charter or Magnet Schools, or Choiced-out*	
2022	n/a

K-12 Special Education Outplaced Students*	
2022	3

K-12 Tuitioned-In, Choiced-In, & Other Non-Residents*	
2022	1

*The above data were provided by the District, with the exception of building permit data (provided by HUD).

"n/a" signifies that information was not provided by District.

New England's PK-12 Enrollment Trends

From 2020 to 2030, the US Department of Education anticipates changes in PK-12 enrollment of -2.4% in the South, -6.5% in the West, -3.8% in the Midwest, -6.2% in the Northeast, and a total of -4.3% nationwide.

State	Fall 2020 PK - 12	Fall 2030 Projected	PK-12 Decline	% Change 2020-2030
CT	509,058	475,600	-33,458	-6.6%
ME	172,455	161,800	-10,655	-6.2%
MA	921,712	879,900	-41,812	-4.5%
NH	169,027	144,600	-24,427	-14.5%
RI	139,184	130,200	-8,984	-6.5%
VT	82,401	74,600	-7,801	-9.5%

Source: U.S. Department of Education, National Center for Education Statistics,
Enrollment In Public Schools fall 1990 to fall 2030, Table 203.20, March 2022.

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.

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 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 2018-19 increased to 104 students in Grade 2 in 2019-20, 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).