



SAU #95
Windham, NH

2021-22 Enrollment Projection Report

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 the past, present, and projected enrollments for your District. New this year, we have added graphs that highlight 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.

Of note, projections are generally more reliable when they are closest in time to the current year. Projections four to ten years out may serve as a guide to future enrollments.

In light of this, NESDEC has added a "Second Semester refresher" enrollment projection at no cost to affiliates.

The NESDEC enrollment projection fell within 25 students of the K-12 total, 2,942 students projected vs. 2,967 enrolled. One variance of 30 students occurred at Kindergarten (163 students projected vs. 193 enrolled), and at Grade 1 where 247 students were projected vs. 222 enrolled. This variance may be due in part to family indecision regarding the global pandemic. Ratios have been adjusted.

Births have decreased by -3 from a previous ten-year average of 128 to a projected average of 125. Enrollment in Grades 1-8 is usually pretty stable and a good predictor of enrollment stability. For the past eight years, grades 1-8 were adding an average of +35 net "move-ins" of students in the following year. Over the next three years, K-4 enrollments are projected to increase by +180 students, Grades 5-6 enrollments are projected to increase by +16 students, Grades 7-8 enrollments are projected to decline by -14 students, and 9-12 enrollments are projected to decline by -95 students, as students move through the grades.

Historical Enrollment

School District: SAU #95, NH

11/9/2021

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
2006	170	2011-12	11	185	232	226	212	253	216	212	206	198	210	178	181	126	0	2635	2646
2007	137	2012-13	12	187	226	242	234	223	257	220	214	210	216	198	171	173	0	2771	2783
2008	133	2013-14	10	169	242	230	246	238	231	243	222	219	212	195	199	170	0	2816	2826
2009	112	2014-15	19	145	201	247	234	252	244	237	245	219	220	205	194	195	0	2838	2857
2010	124	2015-16	40	131	185	215	251	237	253	247	238	249	227	227	197	200	0	2857	2897
2011	126	2016-17	60	150	177	193	227	250	244	257	260	243	254	227	221	204	0	2907	2967
2012	107	2017-18	63	141	186	190	197	235	251	250	266	260	234	246	214	224	0	2894	2957
2013	106	2018-19	61	133	196	192	202	201	247	261	258	266	255	225	243	222	1	2902	2963
2014	142	2019-20	65	181	182	205	194	211	201	252	264	261	272	243	226	246	1	2939	3004
2015	125	2020-21	44	185	194	194	203	191	212	203	248	261	266	269	254	231	0	2911	2955
2016	122	2021-22	57	193	222	204	202	215	203	221	200	252	269	269	266	251	3	2970	3027

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

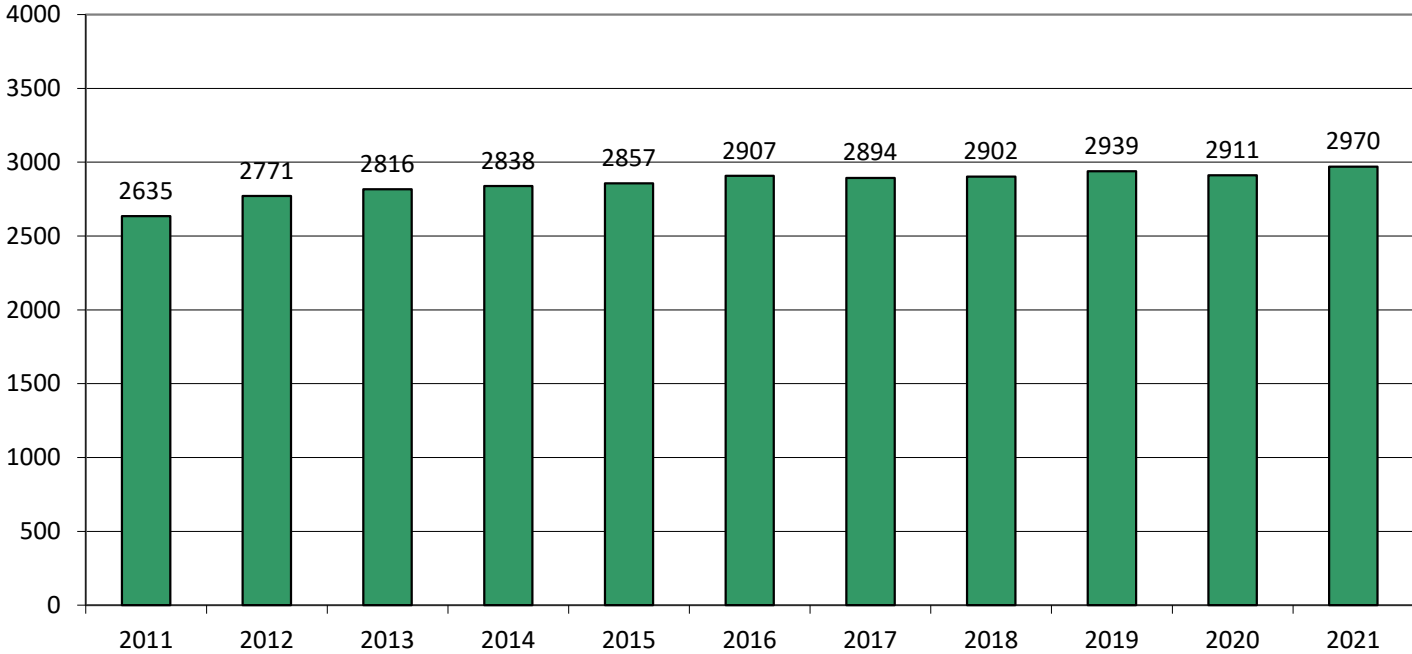
Historical Enrollment in Grade Combinations									
Year	K-4	PK-4	5-6	7-8	K-8	PK-8	5-8	7-12	9-12
2011-12	1108	1119	428	404	1940	1951	832	1099	695
2012-13	1112	1124	477	424	2013	2025	901	1182	758
2013-14	1125	1135	474	441	2040	2050	915	1217	776
2014-15	1079	1098	481	464	2024	2043	945	1278	814
2015-16	1019	1059	500	487	2006	2046	987	1338	851
2016-17	997	1057	501	503	2001	2061	1004	1409	906
2017-18	949	1012	501	526	1976	2039	1027	1444	918
2018-19	924	985	508	524	1956	2017	1032	1469	945
2019-20	973	1038	453	525	1951	2016	978	1512	987
2020-21	967	1011	415	509	1891	1935	924	1529	1020
2021-22	1036	1093	424	452	1912	1969	876	1507	1055

Historical Percentage Changes			
Year	K-12	Diff.	%
2011-12	2635	0	0.0%
2012-13	2771	136	5.2%
2013-14	2816	45	1.6%
2014-15	2838	22	0.8%
2015-16	2857	19	0.7%
2016-17	2907	50	1.8%
2017-18	2894	-13	-0.4%
2018-19	2902	8	0.3%
2019-20	2939	37	1.3%
2020-21	2911	-28	-1.0%
2021-22	2970	59	2.0%
Change	335	12.7%	



Historical Enrollment

K-12, 2011-2021



Projected Enrollment

School District: SAU #95, NH

11/9/2021

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
2016	122		2021-22	57	193	222	204	202	215	203	221	200	252	269	269	266	251	3	2970	3027
2017	122		2022-23	58	190	241	234	210	208	220	209	221	202	258	265	272	269	3	3002	3060
2018	126		2023-24	59	197	238	254	241	216	213	227	209	223	207	254	268	275	3	3025	3084
2019	134		2024-25	60	209	246	251	262	248	221	219	227	211	228	204	257	271	3	3057	3117
2020	119		2025-26	61	186	261	259	259	270	254	228	219	229	216	224	207	260	3	3075	3136
2021	125	(est.)	2026-27	62	194	233	275	267	267	276	262	228	221	235	213	227	209	3	3110	3172
2022	125	(est.)	2027-28	63	195	243	246	283	275	273	284	262	230	226	231	216	229	3	3196	3259
2023	126	(est.)	2028-29	64	196	244	256	253	291	281	281	284	264	236	222	234	218	3	3263	3327
2024	126	(est.)	2029-30	65	196	245	257	264	260	298	289	281	286	270	232	225	236	3	3342	3407
2025	124	(est.)	2030-31	66	193	245	258	265	272	266	307	289	283	293	266	235	227	3	3402	3468
2026	125	(est.)	2031-32	67	195	241	258	266	273	278	274	307	291	290	288	269	237	3	3470	3537

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.

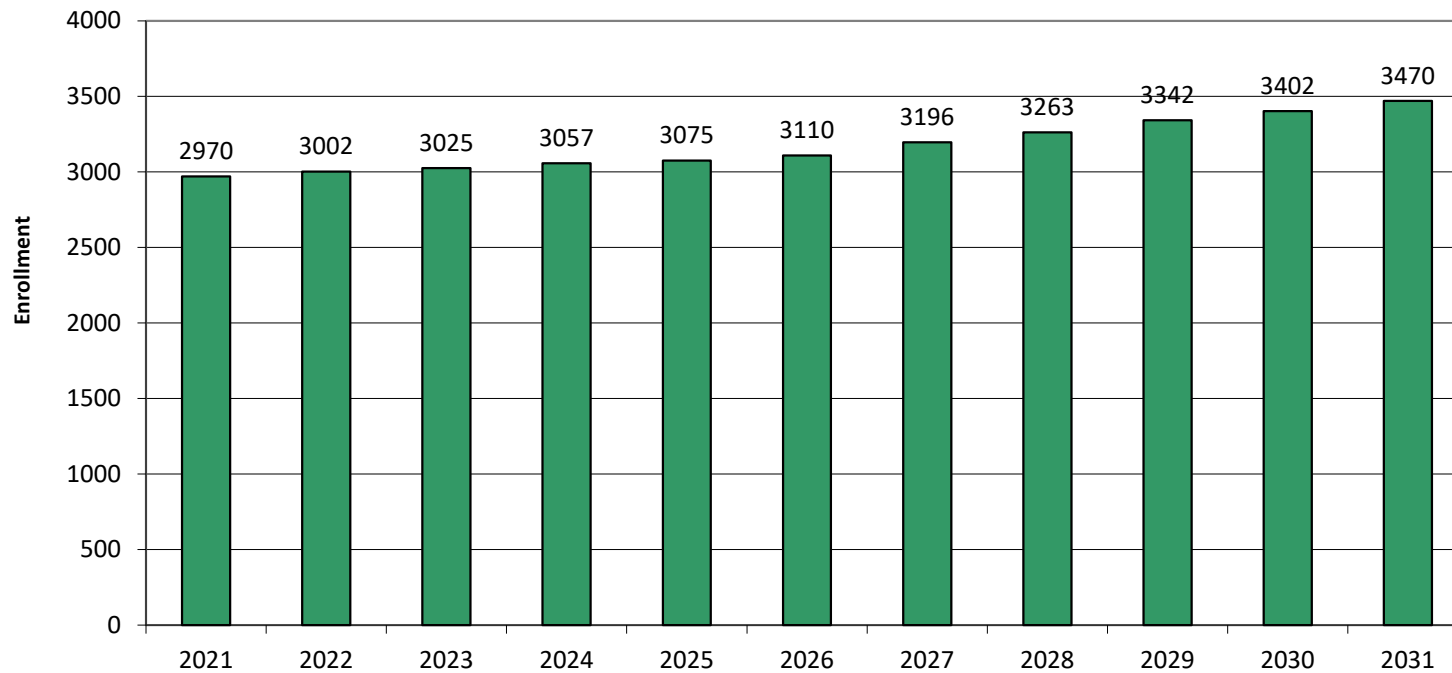
Projected Enrollment in Grade Combinations*									
Year	K-4	PK-4	5-6	7-8	K-8	PK-8	5-8	7-12	9-12
2021-22	1036	1093	424	452	1912	1969	876	1507	1055
2022-23	1083	1141	429	423	1935	1993	852	1487	1064
2023-24	1146	1205	440	432	2018	2077	872	1436	1004
2024-25	1216	1276	440	438	2094	2154	878	1398	960
2025-26	1235	1296	482	448	2165	2226	930	1355	907
2026-27	1236	1298	538	449	2223	2285	987	1333	884
2027-28	1242	1305	557	492	2291	2354	1049	1394	902
2028-29	1240	1304	562	548	2350	2414	1110	1458	910
2029-30	1222	1287	587	567	2376	2441	1154	1530	963
2030-31	1233	1299	573	572	2378	2444	1145	1593	1021
2031-32	1233	1300	552	598	2383	2450	1150	1682	1084

Projected Percentage Changes			
Year	K-12	Diff.	%
2021-22	2970	0	0.0%
2022-23	3002	32	1.1%
2023-24	3025	23	0.8%
2024-25	3057	32	1.1%
2025-26	3075	18	0.6%
2026-27	3110	35	1.1%
2027-28	3196	86	2.8%
2028-29	3263	67	2.1%
2029-30	3342	79	2.4%
2030-31	3402	60	1.8%
2031-32	3470	68	2.0%
Change	500	16.8%	

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

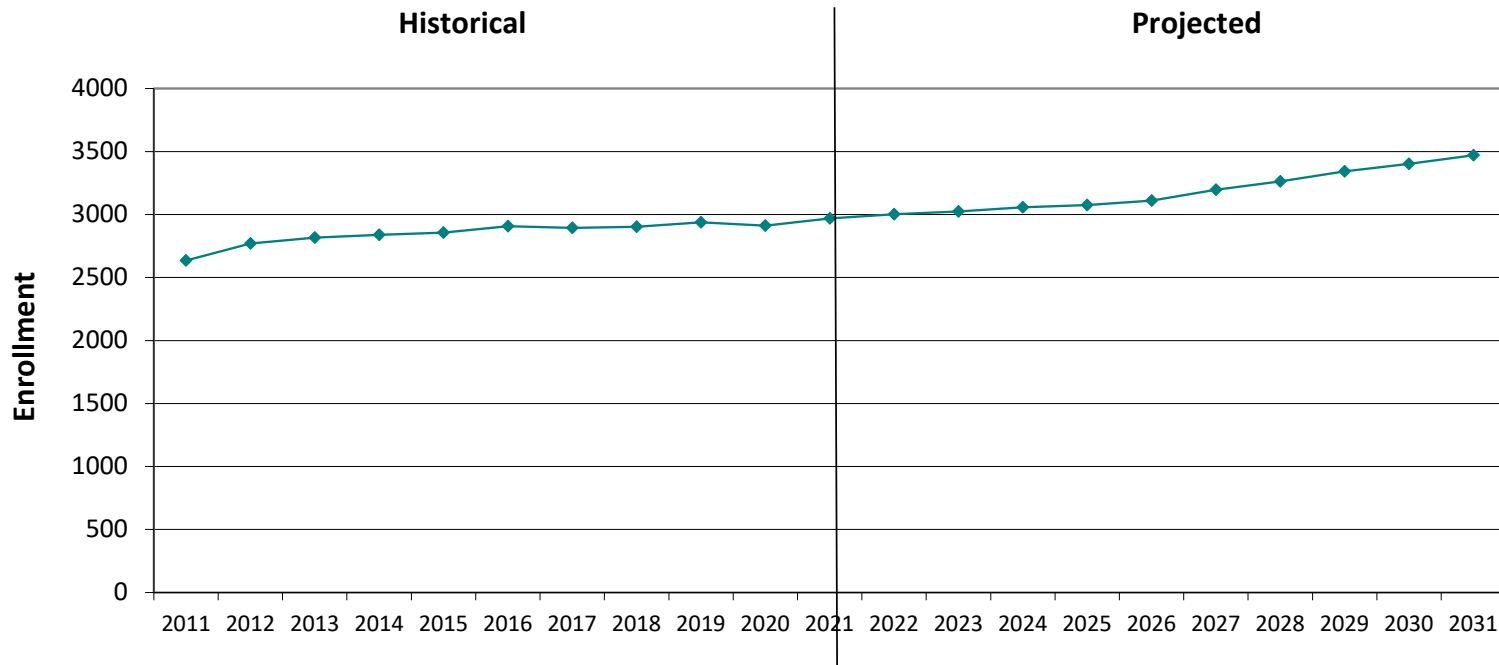
Projected Enrollment

K-12 To 2031 Based On Data Through School Year 2021-22

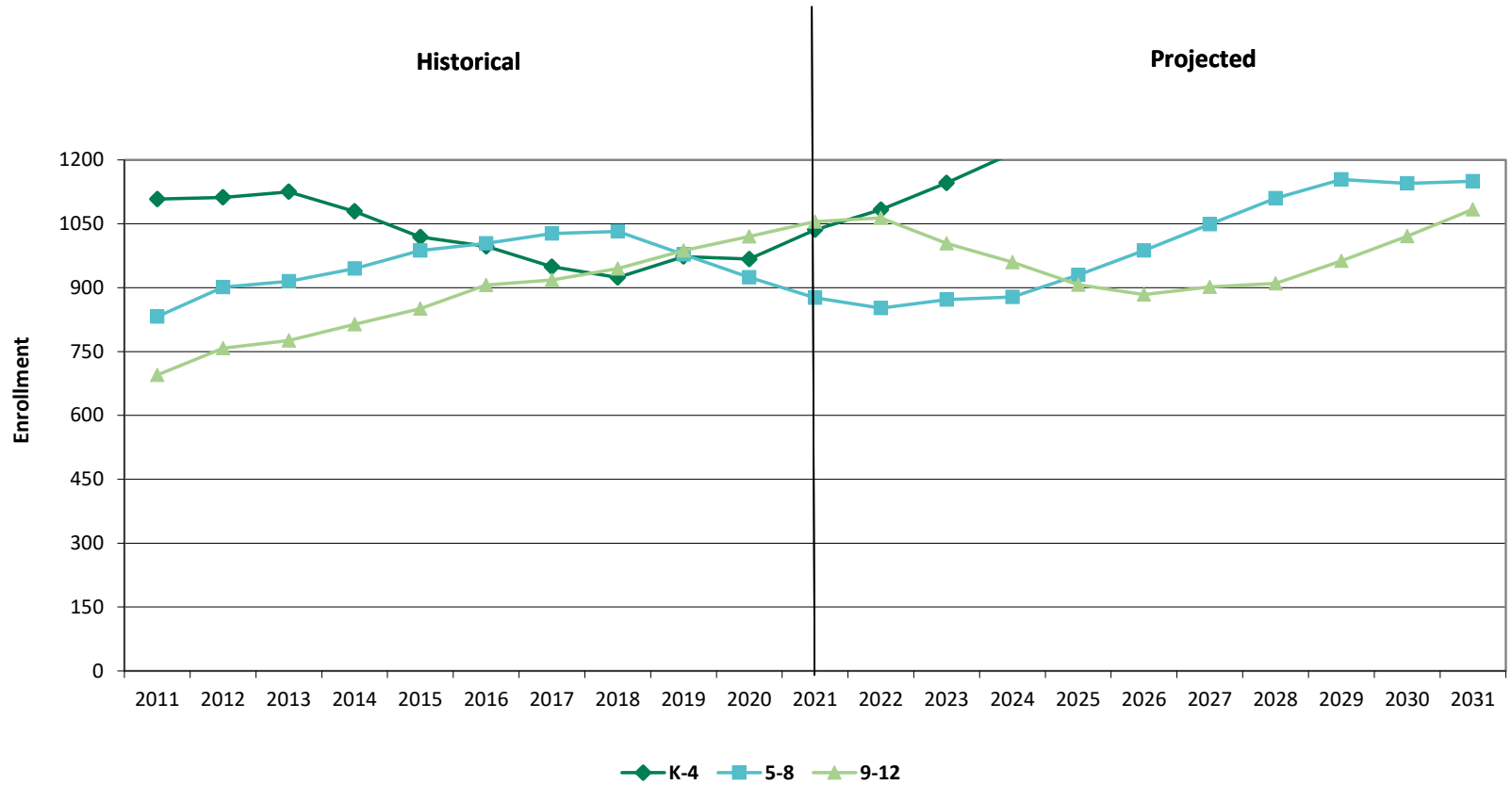


Historical & Projected Enrollment

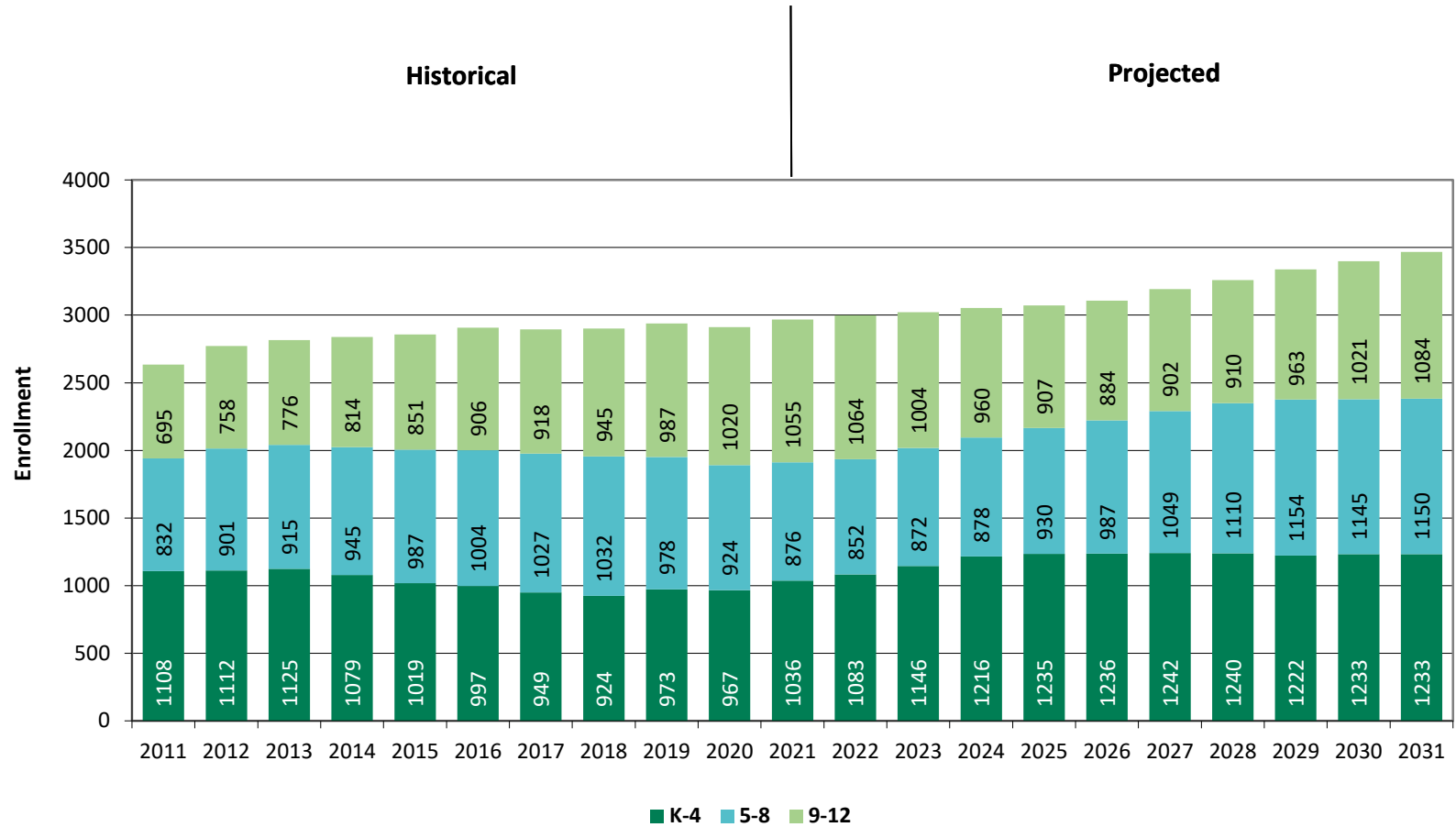
K-12, 2011-2031



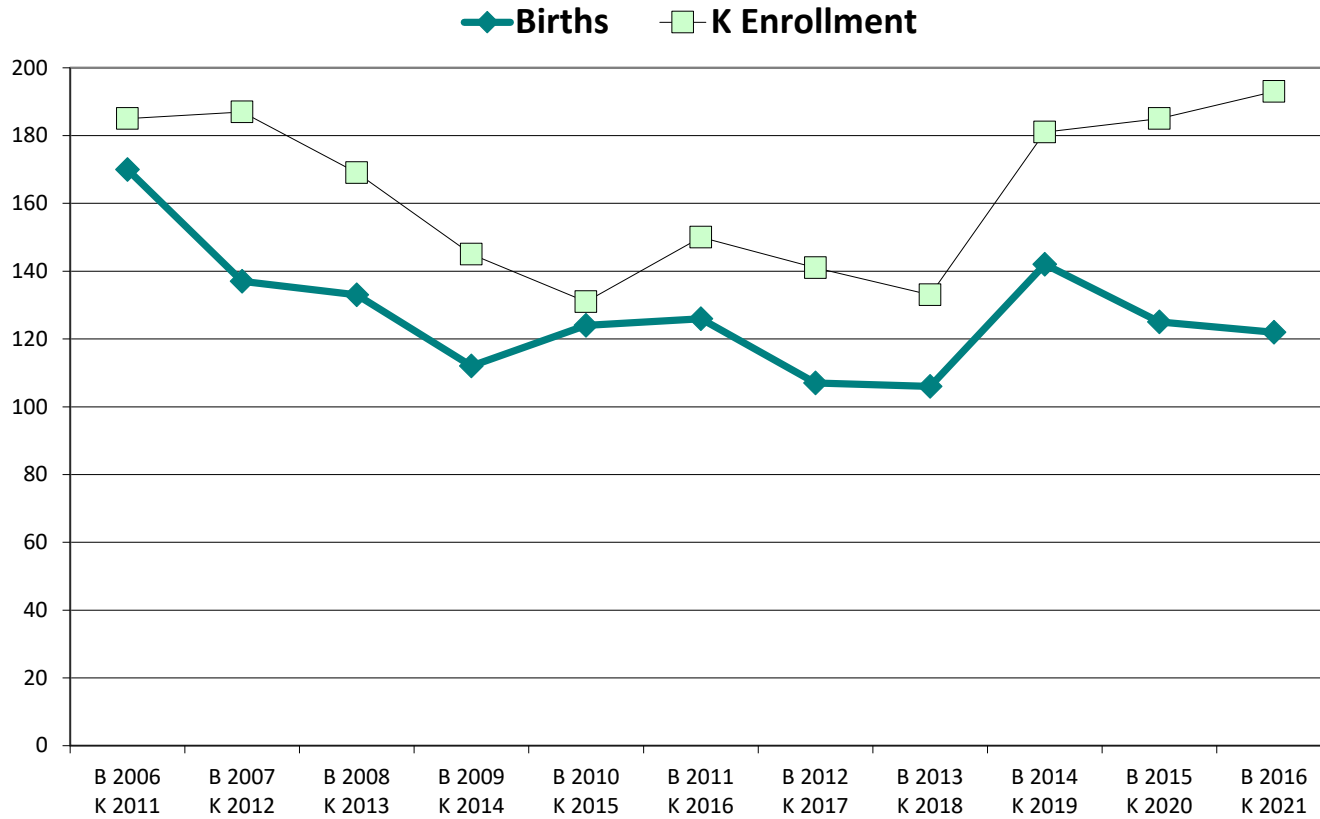
Historical & Projected Enrollments in Grade Combinations



Historical & Projected Enrollments in Grade Combinations



Birth-to-Kindergarten Relationship



Additional Data

Building Permits Issued (Source: HUD)		
Year	Single-Family	Multi-Units
2011	53	0
2017	65	0
2018	78	0
2019	48	0
2020	43	0
2021	33 to date	0 to date

Enrollment History*		
Year	Career-Tech 9-12 Total	Non-Public K-12 Total
2011-12	n/a	n/a
2017-18	n/a	n/a
2018-19	n/a	n/a
2019-20	n/a	23
2020-21	n/a	37
2021-22	n/a	20

Residents in Non-Public Independent and Parochial Schools (General Education)*														
Enrollments as of Oct. 1	K	1	2	3	4	5	6	7	8	9	10	11	12	K-12 TOTAL
	3	1	2	0	0	1	2	1	4	2	1	2	1	20

K-12 Home-Schooled Students*	
2021	26

K-12 Residents in Charter or Magnet Schools, or Choiced-out*	
2021	158

K-12 Special Education Outplaced Students*	
2021	17

K-12 Tuitioned-In, Choiced-In, & Other Non-Residents*	
2021	0

*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 Enrollments The "Big Picture"

From 2018 to 2029, the U.S. Department of Education anticipates changes in PK-12 enrollment of +3.3% in the South; +0.9% in the West, -1.8% in the Midwest; and -2.6% in the Northeast.

State	Fall 2018 PK - 12	Fall 2029 Projected	PK-12 Decline	% Change, 2018-2029
CT	526,634	478,000	-48,634	-9.2%
ME	180,461	174,500	-5,961	-3.3%
MA	962,297	945,400	-16,897	-1.8%
NH	178,515	166,100	-12,415	-6.9%
RI	143,436	139,900	-3,536	-2.5%
VT	87,074	82,000	-5,074	-5.8%

SOURCE: U.S. Department of Education, National Center for Education Statistics, Table 203.20, August 2020

Note: Data collected prior to 2020 Coronavirus pandemic.

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 one district to the next. 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. Projections are generally most reliable when they are closest in time to the current year, and the more stable the variables noted above, the easier and more reliable the projections. Projections six to ten years out may serve as a guide to future enrollments and are useful for facility planning purposes, but they should be viewed as subject to change, given the likelihood of changes in the underlying assumptions/trends.

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" slide/page.

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

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