



New England School Development Council

SAU #85

Sunapee, 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 7 students of the K-12 total: 383 students projected vs. 376 enrolled.

Births increased by +2, from a previous ten-year average of 22 to a projected average of 24. Enrollment in Grades 1-8 is usually pretty consistent and a good predictor of enrollment stability. For the past eight years, Grades 1-8 were adding an average of +9 net "move-ins" of students in the following year.

Over the next three years, K-5 enrollments are projected to increase by + 8 students, Grades 6-8 enrollments are projected to increase by +13 students, and Grades 9-12 enrollments are projected to decline by -23 students, as students move through the grades.

Historical Enrollment

School District:

SAU #85, NH

11/18/2021

Birth Year	Births*	School Year	Historical Enrollment By Grade																	
			PK	K	1	2	3	4	5	6	7	8	9	10	11	12	UNGR	K-12	PK-12	
2006	21	2011-12	11	23	28	31	34	38	31	33	37	37	34	40	33	43	0	442	453	
2007	24	2012-13	13	22	23	30	33	34	35	30	31	37	34	29	39	33	0	410	423	
2008	22	2013-14	10	23	22	25	32	30	32	33	31	31	36	33	28	41	0	397	407	
2009	22	2014-15	8	23	24	27	23	37	35	36	36	33	40	40	31	30	0	405	413	
2010	19	2015-16	10	24	28	25	29	22	38	35	35	41	35	29	44	32	0	417	427	
2011	23	2016-17	13	22	24	26	23	33	28	41	37	37	44	29	29	44	0	417	430	
2012	18	2017-18	11	28	20	24	28	23	33	29	41	37	42	42	28	29	0	404	415	
2013	25	2018-19	10	21	24	25	22	29	27	34	33	42	34	41	35	32	0	399	409	
2014	24	2019-20	16	29	26	24	24	22	34	28	37	33	39	34	41	39	0	416	432	
2015	24	2020-21	8	29	26	27	23	27	19	35	27	35	32	37	34	41	0	392	400	
2016	20	2021-22	25	20	30	23	28	23	35	20	36	28	33	31	35	34	0	376	401	

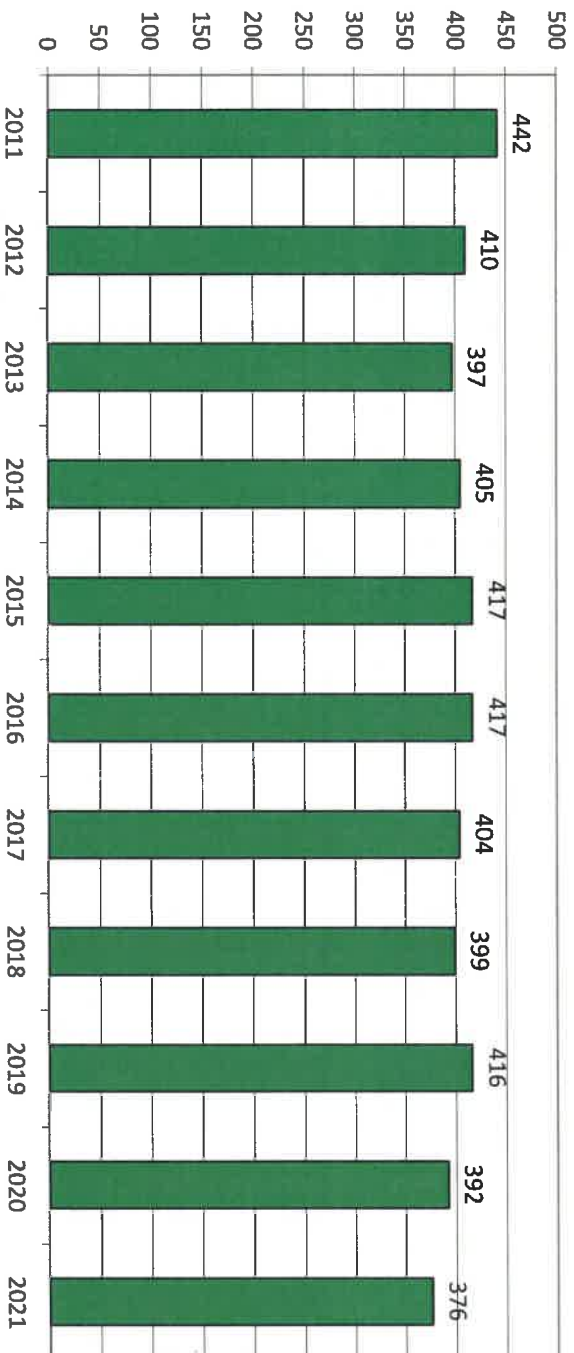
* Birth data provided by Public Health Vital Records Departments in each state.

Year	Historical Enrollment in Grade Combinations										
	PK-5	K-5	PK-8	K-8	5-8	6-8	7-8	6-12	9-12		
2011-12	196	185	303	292	138	107	74	257	150		
2012-13	190	177	288	275	133	98	68	233	135		
2013-14	174	164	269	259	127	95	62	233	138		
2014-15	177	169	282	274	140	105	69	236	131		
2015-16	176	166	287	277	149	111	76	251	140		
2016-17	169	156	284	271	143	115	74	261	146		
2017-18	167	156	274	263	140	107	78	248	141		
2018-19	158	148	267	257	136	109	75	251	142		
2019-20	181	165	279	263	132	98	70	251	153		
2020-21	159	151	256	248	116	97	62	241	144		
2021-22	184	159	268	243	119	84	64	217	133		

Year	Historical Percentage Changes		
	K-12	Diff.	%
2011-12	442	0	0.0%
2012-13	410	-32	-7.2%
2013-14	397	-13	-3.2%
2014-15	405	8	2.0%
2015-16	417	12	3.0%
2016-17	417	0	0.0%
2017-18	404	-13	-3.1%
2018-19	399	-5	-1.2%
2019-20	416	17	4.3%
2020-21	392	-24	-5.8%
2021-22	376	-16	-4.1%
Change		-66	-14.9%

Historical Enrollment

K-12, 2011-2021



Projected Enrollment

Note: Lower grade level enrollments are less statistically reliable due to the small grade level cohort size

School District: SAU #85, NH

11/18/2021

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	20	2021-22	25	20	30	23	28	23	35	20	36	28	33	31	35	34	0	376	401
2017	25	2022-23	16	27	20	31	24	28	26	36	21	36	27	32	30	36	0	374	390
2018	25	2023-24	17	27	28	20	32	24	31	27	37	21	34	26	31	0	369	386	
2019	28	2024-25	18	30	28	29	21	32	27	32	28	37	20	33	25	0	374	392	
2020	24	2025-26	19	26	31	29	30	30	21	36	33	28	35	19	32	0	374	393	
2021	24	2026-27	20	26	27	32	30	30	23	37	29	33	27	34	18	0	379	399	
2022	25	2027-28	21	27	27	28	33	33	33	24	38	29	31	26	33	0	378	399	
2023	25	2028-29	22	27	28	28	29	33	33	34	25	38	27	30	25	0	381	413	
2024	25	2029-30	23	27	28	29	29	29	37	34	35	25	36	26	29	0	390	413	
2025	25	2030-31	24	26	28	29	30	29	32	38	35	35	24	35	25	0	386	420	
2026	25	2031-32	25	27	27	29	30	30	32	33	39	35	33	23	34	0	398	423	

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.

*Birth data provided by Public Health Vital Records Departments in each state. [] based on an estimate of births

[] Based on children already born

[] Based on students already enrolled

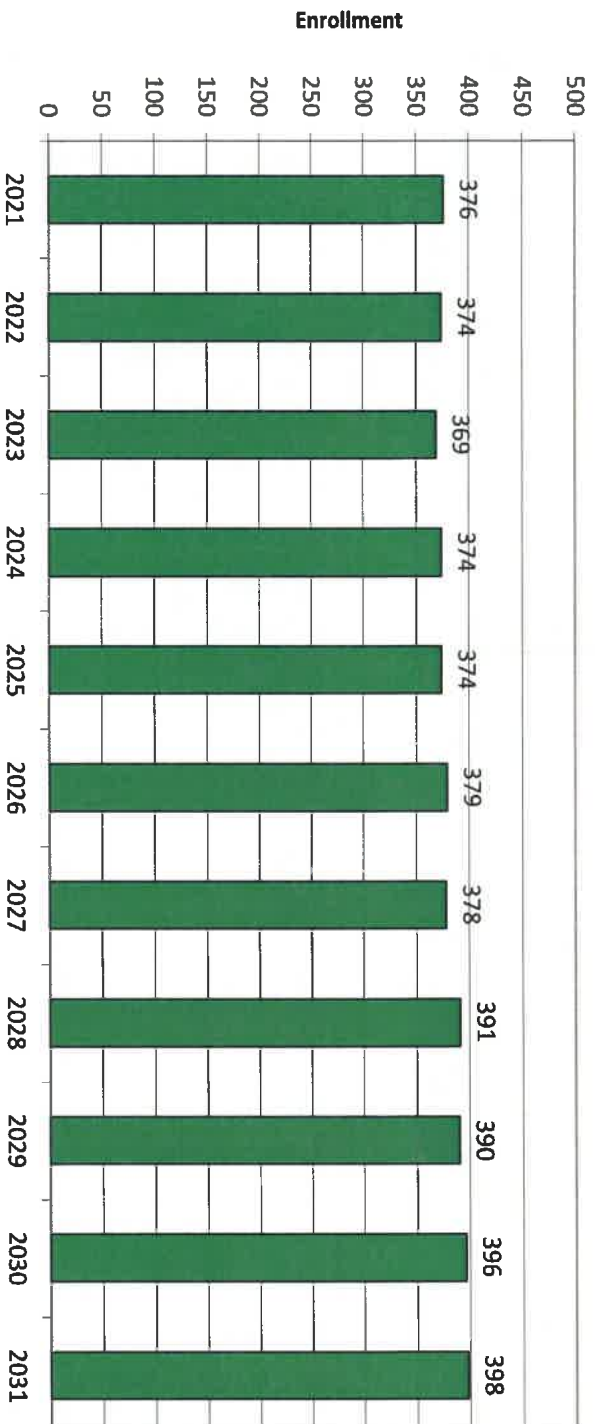
Projected Enrollment in Grade Combinations**									
Year	PK-5	K-5	PK-8	K-8	5-8	6-8	7-8	6-12	9-12
2021-22	184	159	268	243	119	84	64	217	133
2022-23	172	156	265	249	119	93	57	218	125
2023-24	179	162	264	247	116	85	58	207	122
2024-25	185	167	282	264	124	97	65	207	110
2025-26	192	173	281	262	125	89	61	201	112
2026-27	188	168	287	267	122	99	62	211	112
2027-28	199	178	290	269	124	91	63	200	109
2028-29	200	178	297	275	130	97	67	213	116
2029-30	202	179	296	273	131	94	60	211	117
2030-31	198	174	306	282	140	108	70	222	114
2031-32	200	175	307	282	139	107	74	223	116

Projected Percentage Changes		
Year	K-12	Diff. %
2021-22	376	0
2022-23	374	-2
2023-24	369	-5
2024-25	374	5
2025-26	374	0
2026-27	379	5
2027-28	378	-1
2028-29	391	13
2029-30	390	-1
2030-31	396	6
2031-32	398	2
Change	22	5.9%

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

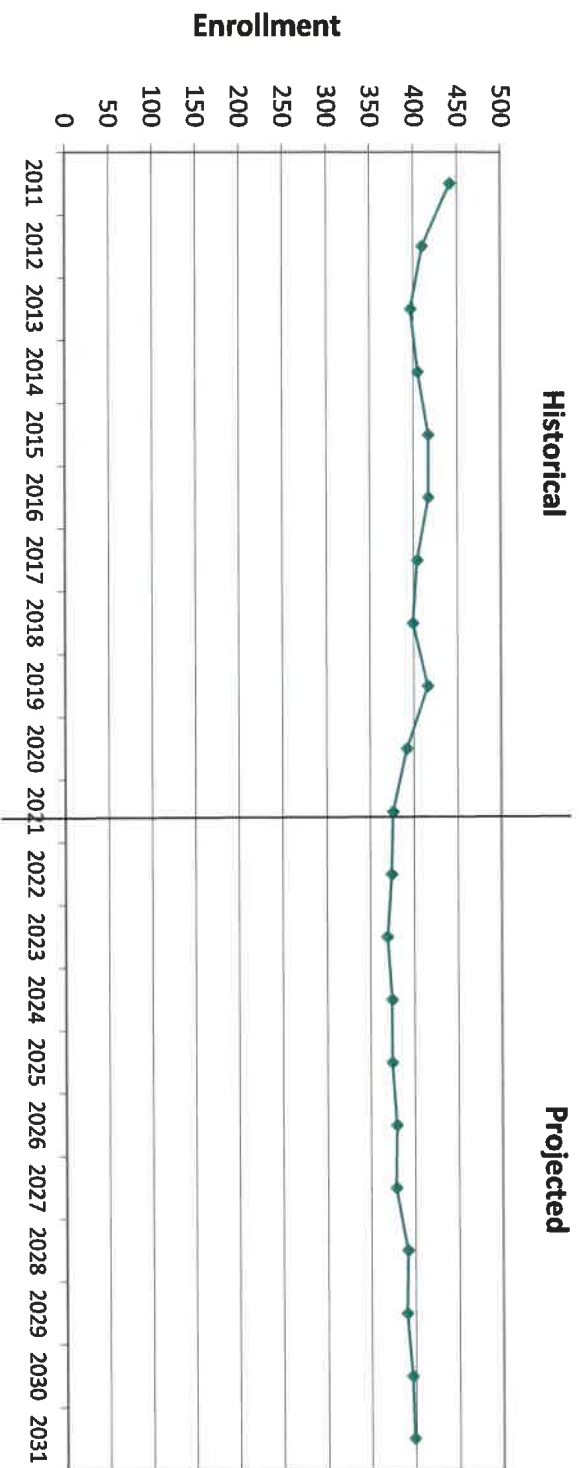
Projected Enrollment

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

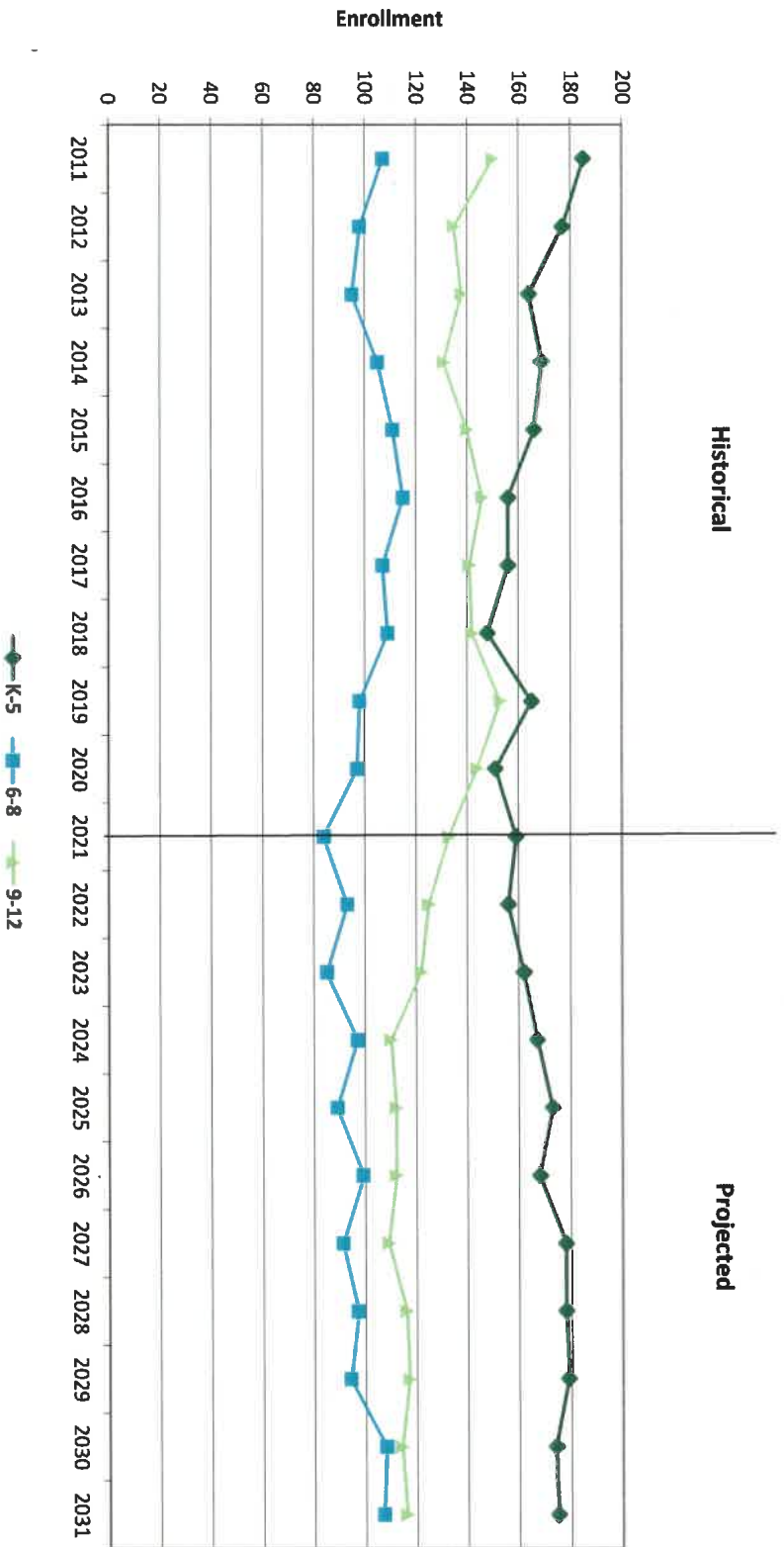


Historical & Projected Enrollment

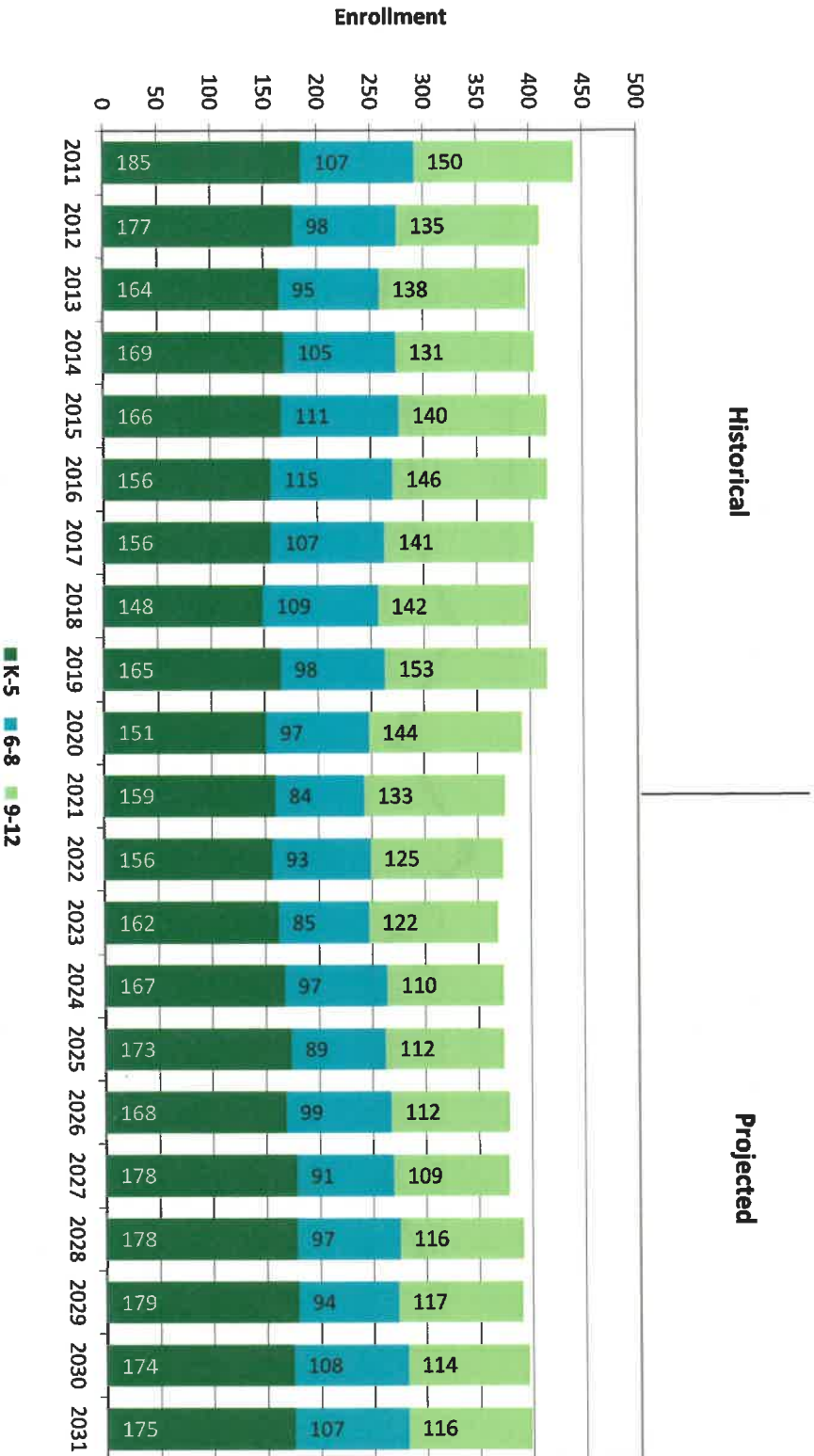
K-12, 2011-2031



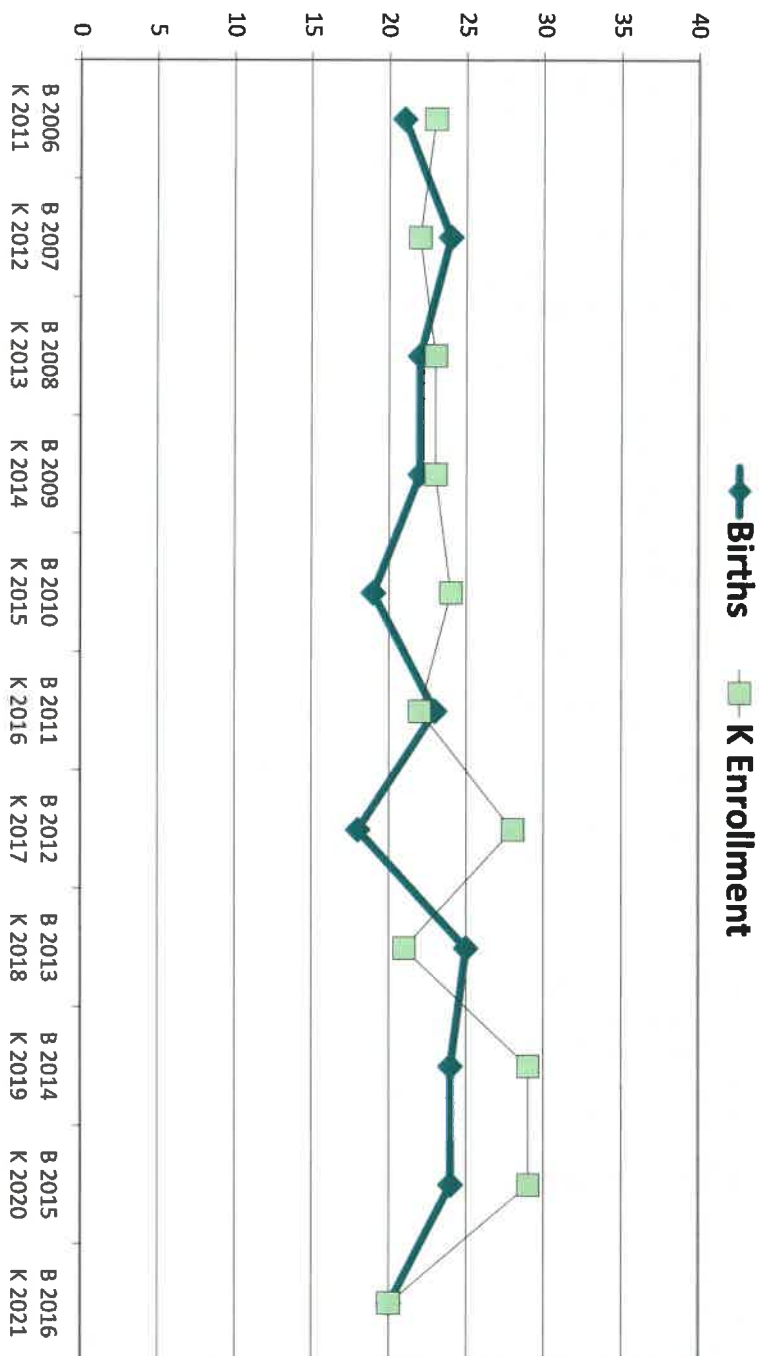
Historical & Projected Enrollments in Grade Combinations



Historical & Projected Enrollments in Grade Combinations



Birth-to-Kindergarten Relationship



Additional Data

Building Permits Issued (Source: HUD)		
Year	Single-Family	Multi-Units
2011	12	0
2017	21	0
2018	17	0
2019	13	0
2020	19	0
2021	10 to date	2 to date

Enrollment History*		
Year	Career-Tech 9-12 Total	Non-Public K-12 Total
2011-12	n/a	n/a
2017-18	3	n/a
2018-19	1	n/a
2019-20	2	n/a
2020-21	7	n/a
2021-22	6	n/a

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
	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*	
2021	7

K-12 Residents in Charter or Magnet Schools, or Choiced-out*	
2021	0

K-12 Special Education Outplaced Students*	
2021	3

K-12 Tuitioned-In, Choiced-In, & Other Non-Residents*	
2021	45

*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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