



**Suffield Public Schools  
Suffield, CT**

**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 +46 students of the K-12 total (1,947 students projected vs. 1,993 enrolled). One variance of +28 occurred at kindergarten, 118 students projected vs. 146 enrolled. Ratios have been adjusted.

Births have stabilized. Enrollment in Grades 1-8 is usually pretty stable and a good predictor. For the past eight years, grades 1-8 were adding an average of +11 net "move-ins" of students in the following year. Over the next three years, PK-2 enrollments are projected to decrease, Grades 3-5 enrollments are projected to increase, grades 6-8 enrollments are projected to decrease moderately and grades 9-12 enrollments are projected to decrease.

# Historical Enrollment

School District: Suffield, CT

10/26/2021

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	97	2011-12	34	138	123	170	173	177	202	199	186	210	231	222	213	201	0	2445	2479
2007	99	2012-13	32	119	158	135	178	179	184	208	204	187	221	212	213	214	0	2412	2444
2008	102	2013-14	55	133	134	159	141	181	174	180	212	202	200	216	213	212	0	2357	2412
2009	105	2014-15	67	141	138	144	166	143	192	175	182	214	211	194	210	205	0	2315	2382
2010	85	2015-16	61	140	156	141	152	171	143	193	184	184	232	204	192	200	0	2292	2353
2011	91	2016-17	50	129	146	155	146	153	172	147	196	181	193	225	204	184	0	2231	2281
2012	75	2017-18	53	121	129	145	145	141	154	168	151	203	207	190	226	185	0	2165	2218
2013	115	2018-19	36	129	129	133	139	142	138	158	167	151	215	204	188	203	0	2096	2132
2014	111	2019-20	40	138	139	130	133	135	145	140	158	173	172	216	201	182	0	2062	2102
2015	107	2020-21	39	134	137	141	127	129	136	141	141	154	201	176	208	191	0	2016	2055
2016	94	2021-22	37	146	143	141	139	129	134	142	146	153	166	188	168	198	0	1993	2030

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

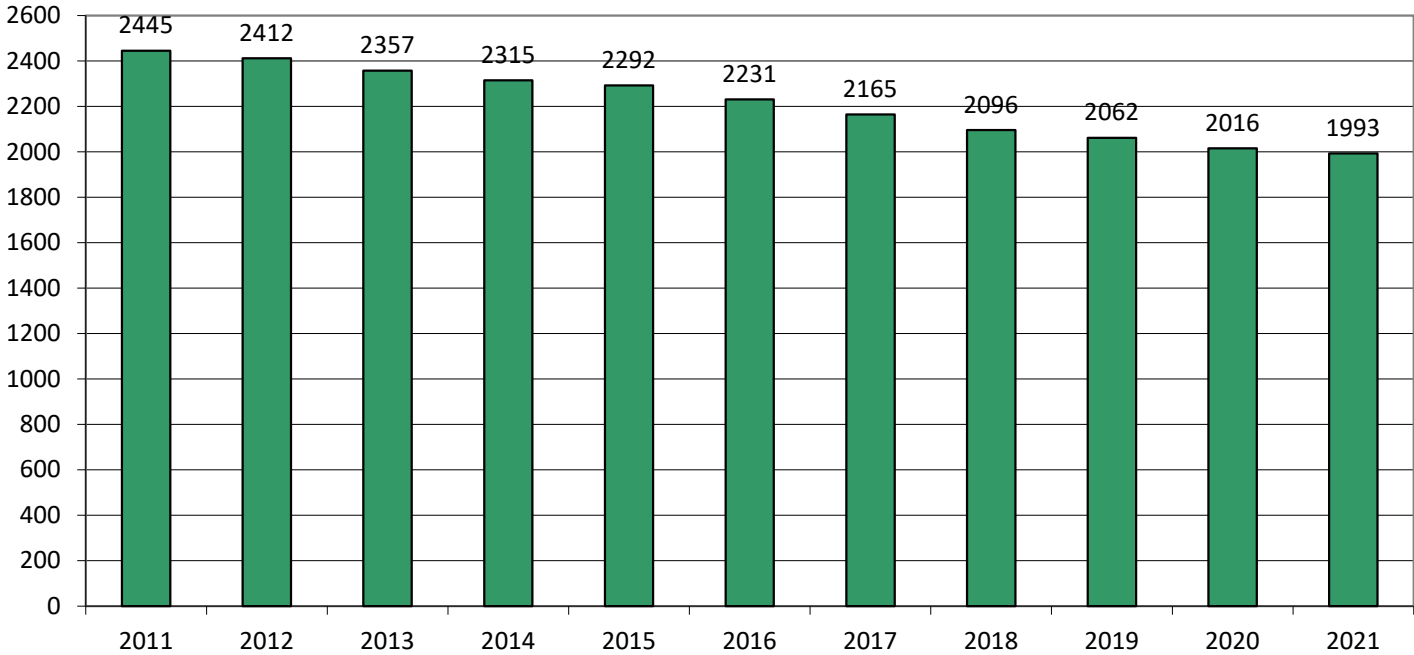
Historical Enrollment in Grade Combinations									
Year	PK-5	K-5	PK-2	K-2	3-5	6-8	PK-8	K-8	9-12
2011-12	1017	983	465	431	552	595	1612	1578	867
2012-13	985	953	444	412	541	599	1584	1552	860
2013-14	977	922	481	426	496	594	1571	1516	841
2014-15	991	924	490	423	501	571	1562	1495	820
2015-16	964	903	498	437	466	561	1525	1464	828
2016-17	951	901	480	430	471	524	1475	1425	806
2017-18	888	835	448	395	440	522	1410	1357	808
2018-19	846	810	427	391	419	476	1322	1286	810
2019-20	860	820	447	407	413	471	1331	1291	771
2020-21	843	804	451	412	392	436	1279	1240	776
2021-22	869	832	467	430	402	441	1310	1273	720

Historical Percentage Changes			
Year	K-12	Diff.	%
2011-12	2445	0	0.0%
2012-13	2412	-33	-1.3%
2013-14	2357	-55	-2.3%
2014-15	2315	-42	-1.8%
2015-16	2292	-23	-1.0%
2016-17	2231	-61	-2.7%
2017-18	2165	-66	-3.0%
2018-19	2096	-69	-3.2%
2019-20	2062	-34	-1.6%
2020-21	2016	-46	-2.2%
2021-22	1993	-23	-1.1%
Change	-452		-18.5%

**NESDEC**

# Historical Enrollment

**K-12, 2011-2021**



# Projected Enrollment

School District: Suffield, CT

10/26/2021

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	94		2021-22	37	146	143	141	139	129	134	142	146	153	166	188	168	198	0	1993	2030
2017	89		2022-23	38	120	153	145	139	137	132	137	144	151	168	164	182	161	0	1933	1971
2018	93		2023-24	39	126	126	156	143	137	140	135	139	149	166	166	159	174	0	1916	1955
2019	103		2024-25	40	139	132	128	154	141	140	144	137	144	164	164	161	152	0	1900	1940
2020	110	(prov.)	2025-26	41	148	146	134	126	152	144	144	146	142	158	162	159	154	0	1915	1956
2021	98	(est.)	2026-27	42	132	155	148	132	124	155	148	146	151	156	156	157	152	0	1912	1954
2022	99	(est.)	2027-28	43	133	139	158	146	130	127	159	150	151	166	154	151	150	0	1914	1957
2023	100	(est.)	2028-29	44	136	140	141	156	144	133	130	161	156	166	164	149	144	0	1920	1964
2024	102	(est.)	2029-30	45	138	143	142	139	154	147	136	132	167	172	164	159	143	0	1936	1981
2025	102	(est.)	2030-31	46	137	145	145	140	137	157	151	138	137	184	170	159	152	0	1952	1998
2026	100	(est.)	2031-32	47	135	144	147	143	138	140	161	153	143	151	182	165	152	0	1954	2001

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.

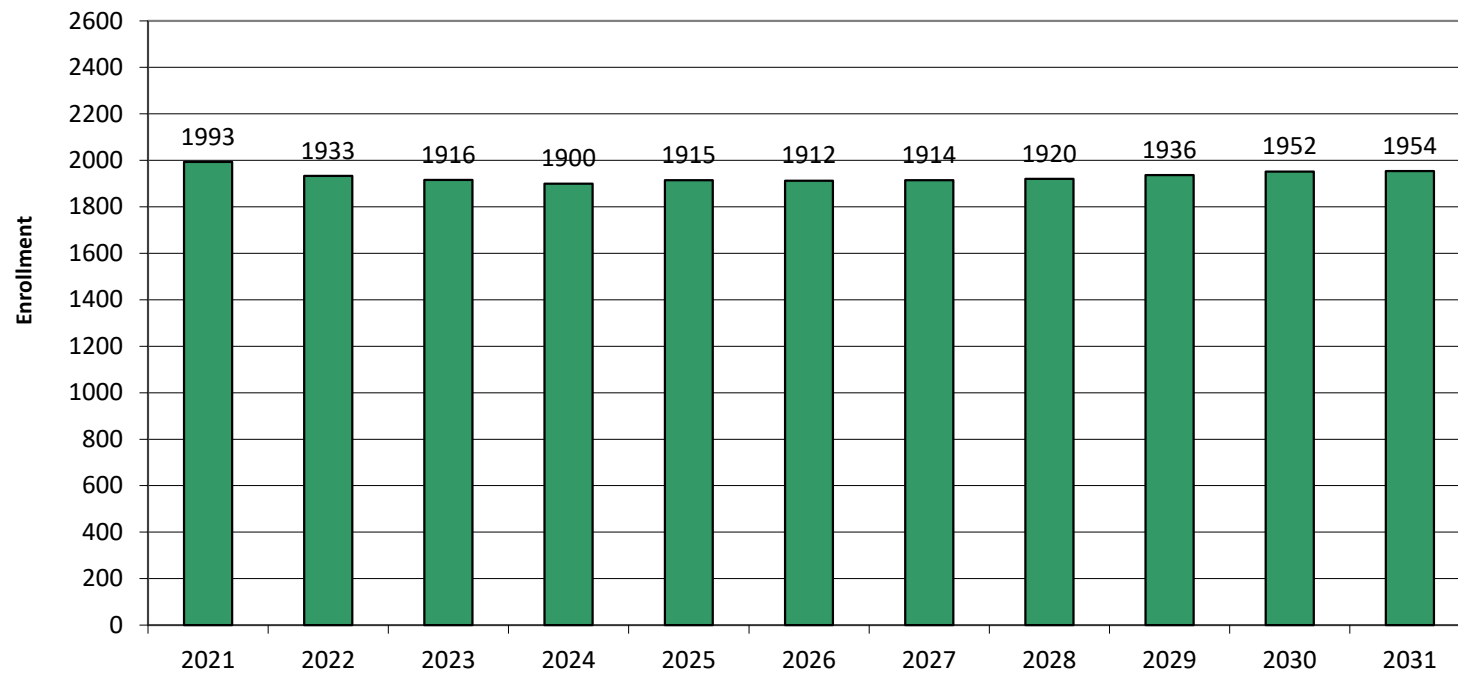
Projected Enrollment in Grade Combinations*									
Year	PK-5	K-5	PK-2	K-2	3-5	6-8	PK-8	K-8	9-12
2021-22	869	832	467	430	402	441	1310	1273	720
2022-23	864	826	456	418	408	432	1296	1258	675
2023-24	867	828	447	408	420	423	1290	1251	665
2024-25	874	834	439	399	435	425	1299	1259	641
2025-26	891	850	469	428	422	432	1323	1282	633
2026-27	888	846	477	435	411	445	1333	1291	621
2027-28	876	833	473	430	403	460	1336	1293	621
2028-29	894	850	461	417	433	447	1341	1297	623
2029-30	908	863	468	423	440	435	1343	1298	638
2030-31	907	861	473	427	434	426	1333	1287	665
2031-32	894	847	473	426	421	457	1351	1304	650

Projected Percentage Changes			
Year	K-12	Diff.	%
2021-22	1993	0	0.0%
2022-23	1933	-60	-3.0%
2023-24	1916	-17	-0.9%
2024-25	1900	-16	-0.8%
2025-26	1915	15	0.8%
2026-27	1912	-3	-0.2%
2027-28	1914	2	0.1%
2028-29	1920	6	0.3%
2029-30	1936	16	0.8%
2030-31	1952	16	0.8%
2031-32	1954	2	0.1%
Change		-39	-2.0%

\*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

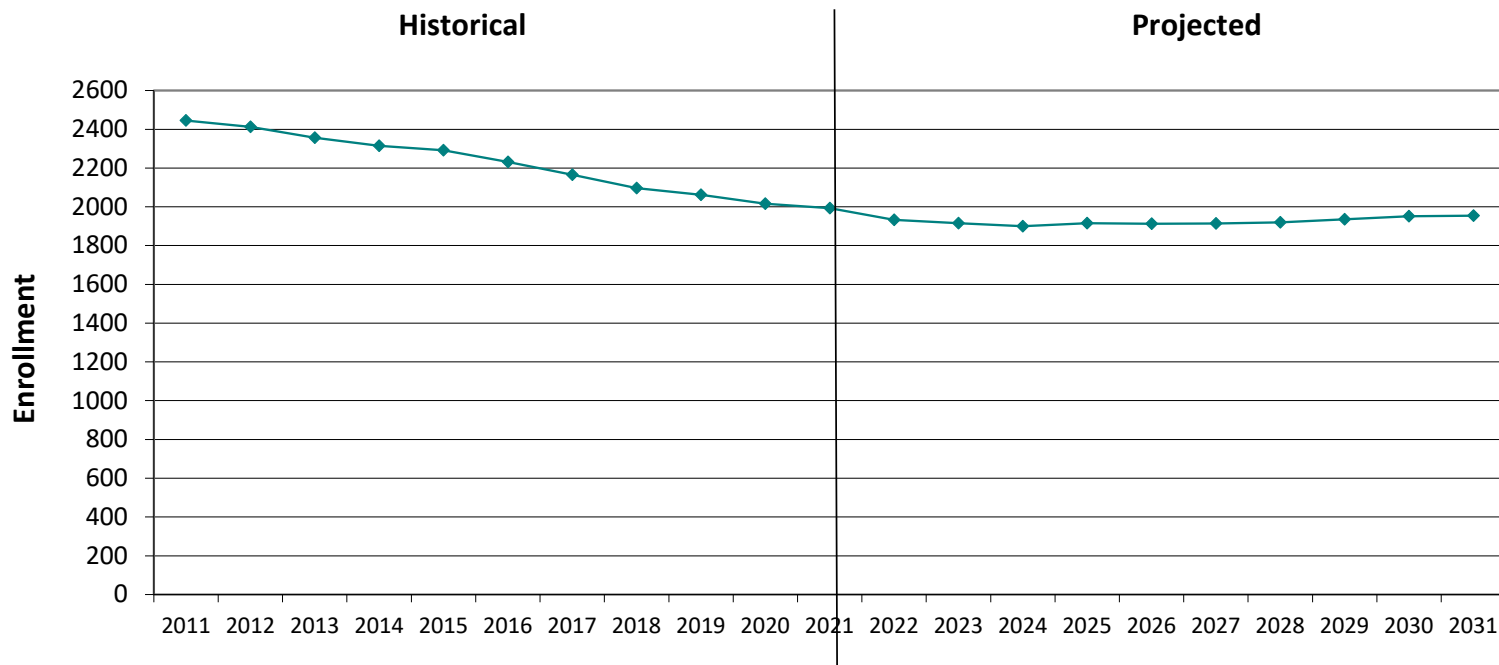
K-12 To 2031 Based On Data Through School Year 2021-22



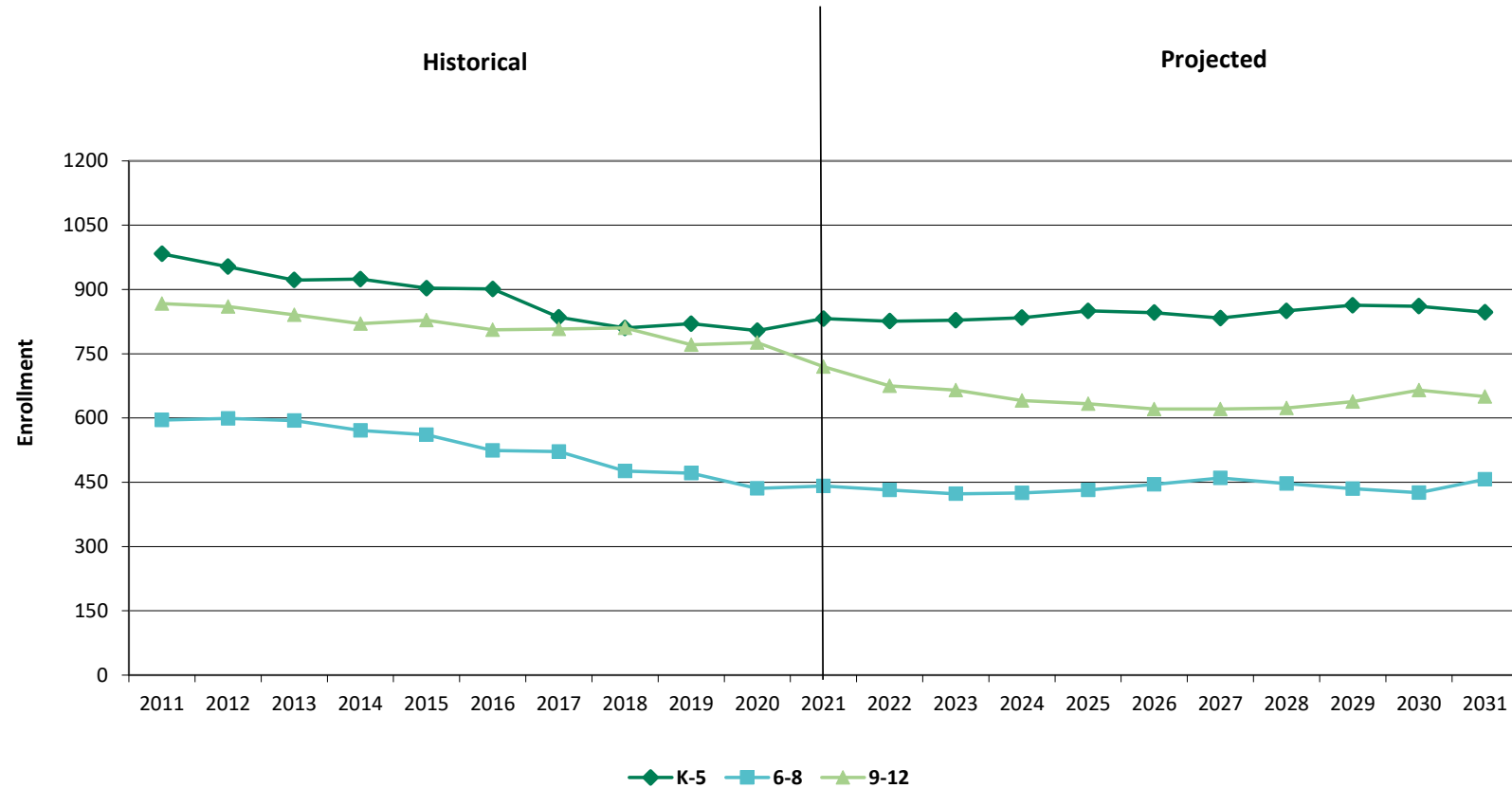
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# Historical & Projected Enrollment

**K-12, 2011-2031**

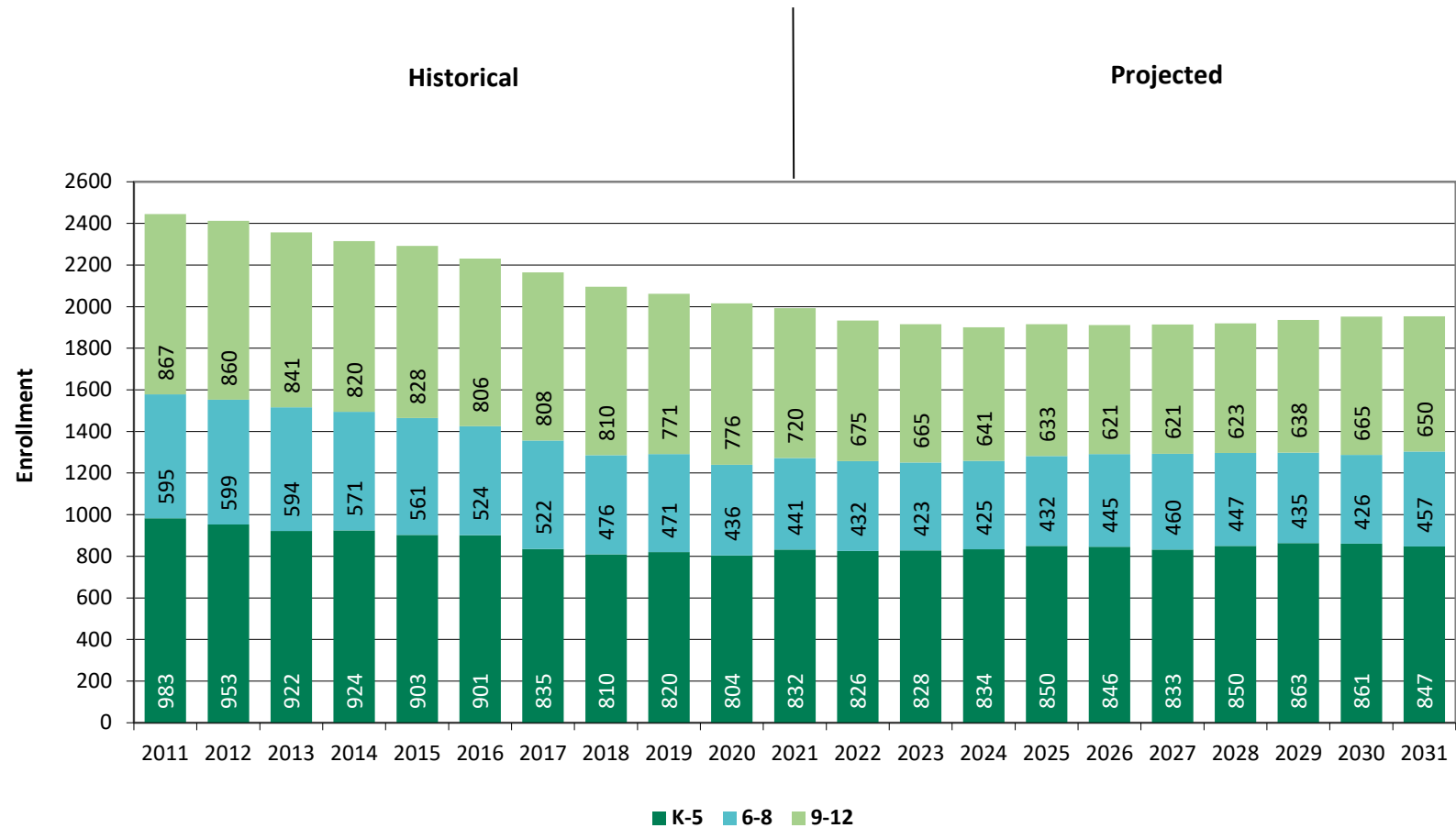


## Historical & Projected Enrollments in Grade Combinations

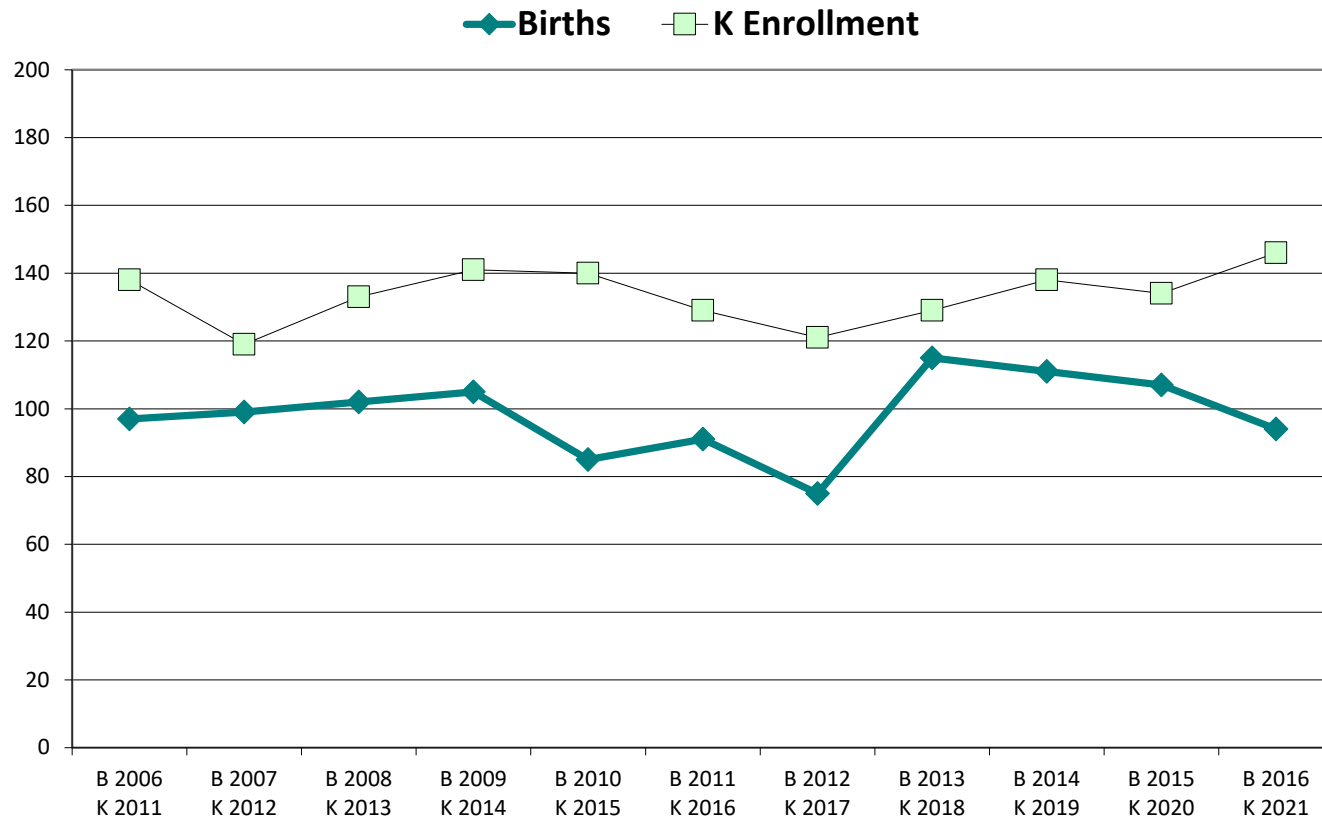




# Historical & Projected Enrollments in Grade Combinations



## Birth-to-Kindergarten Relationship



## Additional Data

Building Permits Issued (Source: HUD)		
Year	Single-Family	Multi-Units
2011	n/a	n/a
2017	30	36
2018	26	36
2019	30	0
2020	33	0
2021	34 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	3	n/a
2019-20	3	n/a
2020-21	6	46
2021-22	5	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	41

K-12 Residents in Charter or Magnet Schools, or Choiced-out*	
2021	47

K-12 Special Education Outplaced Students*	
2021	22

K-12 Tuitioned-In, Choiced-In, & Other Non-Residents*	
2021	119

\*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

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](mailto:ep@nesdec.org)).