



**Suffield Public Schools
Suffield, CT**

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 53 students of the K-12 total, 1,933 students projected vs. 1,986 enrolled. One variance of -19 students occurred at Kindergarten, 120 projected vs. 139 enrolled. Ratios have been adjusted.

Births increased by 2 from a previous ten-year average of 98 to a projected average of 100. In most districts, enrollments in Grades 1-8 are very stable environments. However, there have been increases in 5 of the 8 most recent years, leading to a net increase averaging 12 students per year.

Over the next three years, K-2 enrollments are projected to increase by +22 students, Grades 3-5 enrollments are projected to increase by +32 students, Grades 6-8 enrollments are projected to increase by +11 students, and Grades 9-12 enrollments are projected to decrease by -41 students, as students move through the grades.

Historical Enrollment

School District: Suffield, CT

11/11/2022

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	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
2017	89	2022-23	39	139	152	148	150	142	134	148	150	147	157	161	195	163	0	1986	2025

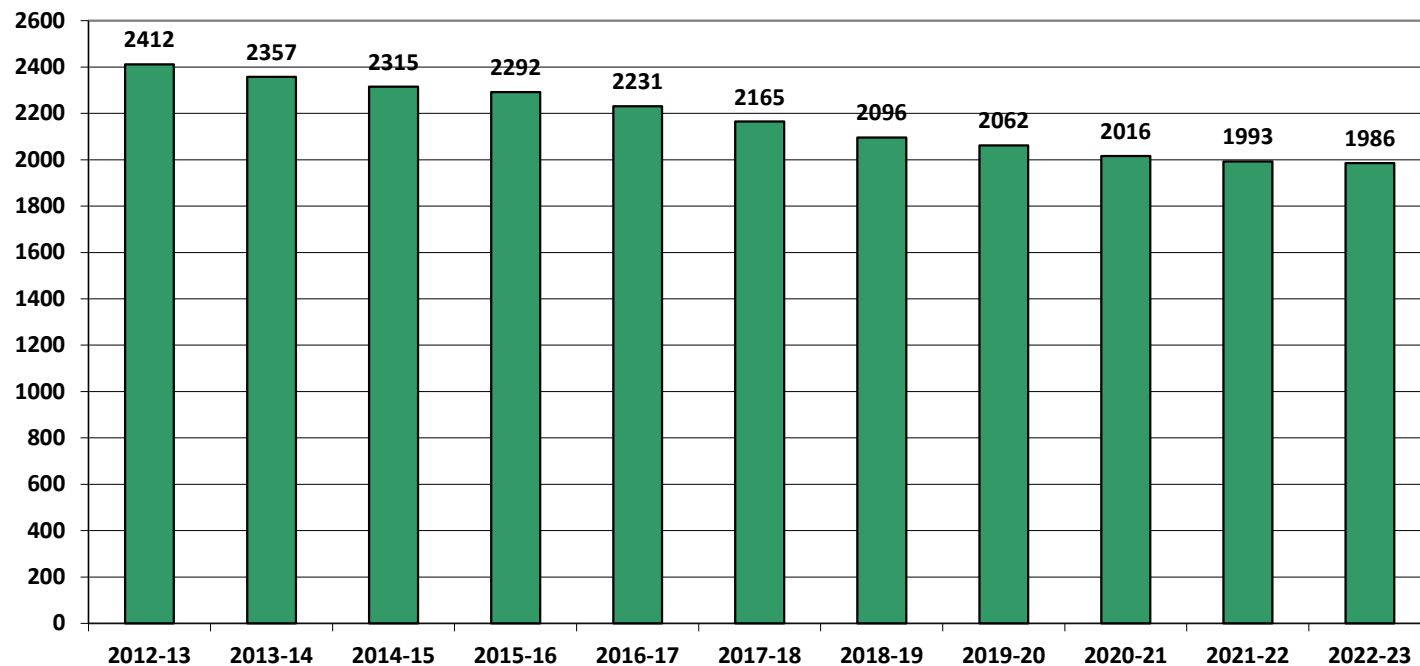
*Birth data provided by Public Health Vital Records Departments in each state.

Historical Enrollment in Grade Combinations									
Year	PK-5	K-5	PK-2	K-2	3-5	6-8	PK-8	K-8	9-12
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
2022-23	904	865	478	439	426	445	1349	1310	676

Historical Percentage Changes			
Year	K-12	Diff.	%
2012-13	2412	0	0.0%
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%
2022-23	1986	-7	-0.4%
Change	-426		-17.7%

Historical Enrollment

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



Projected Enrollment

School District: Suffield, CT

11/11/2022

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	89		2022-23	39	139	152	148	150	142	134	148	150	147	157	161	195	163	0	1986	2025
2018	93		2023-24	39	135	145	155	149	150	146	138	151	153	160	155	159	188	0	1984	2023
2019	103		2024-25	40	150	141	148	156	149	154	150	141	154	167	158	153	153	0	1974	2014
2020	110		2025-26	40	160	157	144	149	156	153	159	153	144	168	164	156	147	0	2010	2050
2021	102	(prov.)	2026-27	41	148	167	161	145	149	160	158	163	156	157	165	162	150	0	2041	2082
2022	99	(est.)	2027-28	41	145	155	171	162	145	153	165	162	167	170	155	163	156	0	2069	2110
2023	101	(est.)	2028-29	42	148	152	158	173	162	149	158	169	166	182	167	153	157	0	2094	2136
2024	103	(est.)	2029-30	42	150	155	155	159	173	167	153	162	173	181	179	165	147	0	2119	2161
2025	103	(est.)	2030-31	43	150	157	158	156	159	178	172	156	166	188	178	177	159	0	2154	2197
2026	102	(est.)	2031-32	43	148	157	161	159	156	164	183	176	159	181	185	176	170	0	2175	2218
2027	102	(est.)	2032-33	44	148	155	161	162	159	160	169	187	180	173	178	183	169	0	2184	2228

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

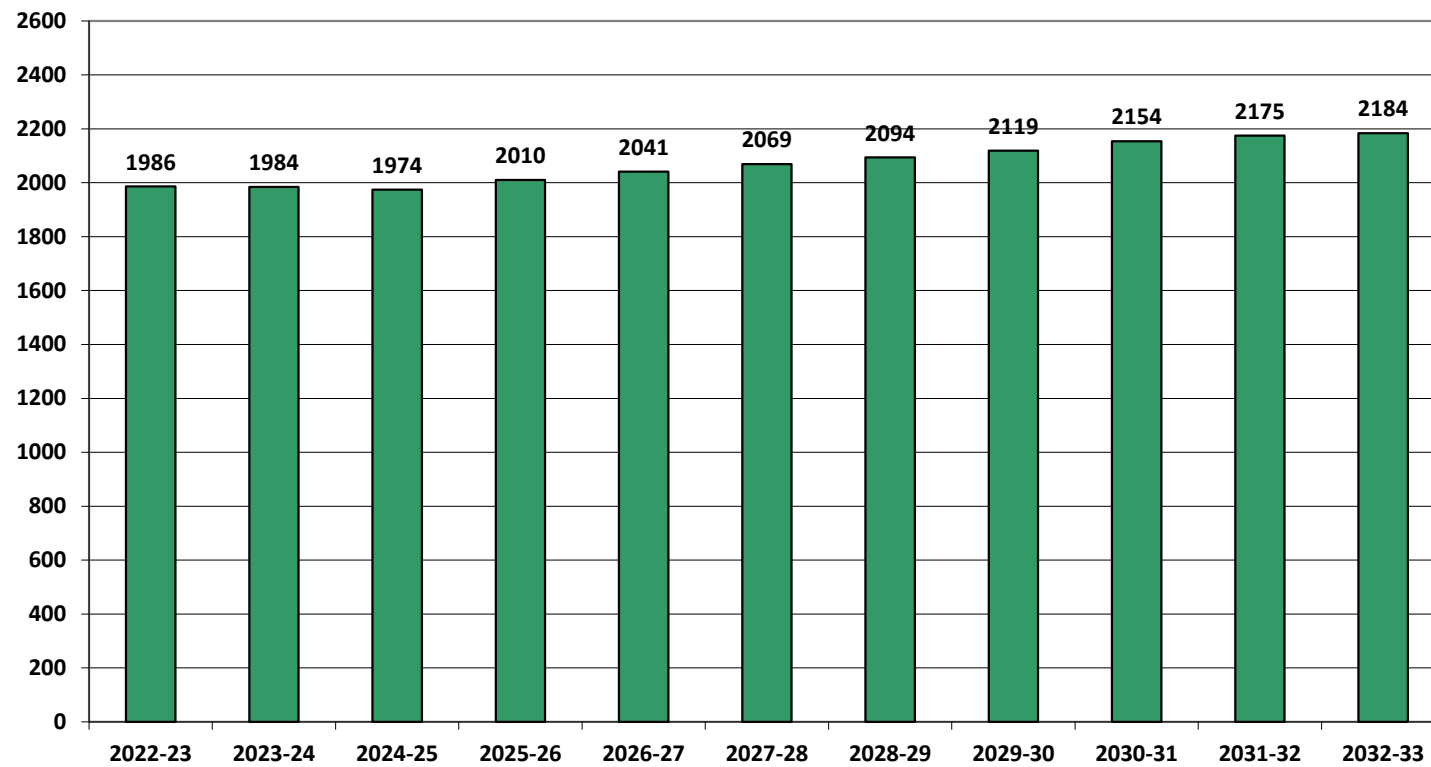
Projected Enrollment in Grade Combinations*									
Year	PK-5	K-5	PK-2	K-2	3-5	6-8	PK-8	K-8	9-12
2022-23	904	865	478	439	426	445	1349	1310	676
2023-24	919	880	474	435	445	442	1361	1322	662
2024-25	938	898	479	439	459	445	1383	1343	631
2025-26	959	919	501	461	458	456	1415	1375	635
2026-27	971	930	517	476	454	477	1448	1407	634
2027-28	972	931	512	471	460	494	1466	1425	644
2028-29	984	942	500	458	484	493	1477	1435	659
2029-30	1001	959	502	460	499	488	1489	1447	672
2030-31	1001	958	508	465	493	494	1495	1452	702
2031-32	988	945	509	466	479	518	1506	1463	712
2032-33	989	945	508	464	481	536	1525	1481	703

Projected Percentage Changes			
Year	K-12	Diff.	%
2022-23	1986	0	0.0%
2023-24	1984	-2	-0.1%
2024-25	1974	-10	-0.5%
2025-26	2010	36	1.8%
2026-27	2041	31	1.5%
2027-28	2069	28	1.4%
2028-29	2094	25	1.2%
2029-30	2119	25	1.2%
2030-31	2154	35	1.7%
2031-32	2175	21	1.0%
2032-33	2184	9	0.4%
Change	198		10.0%

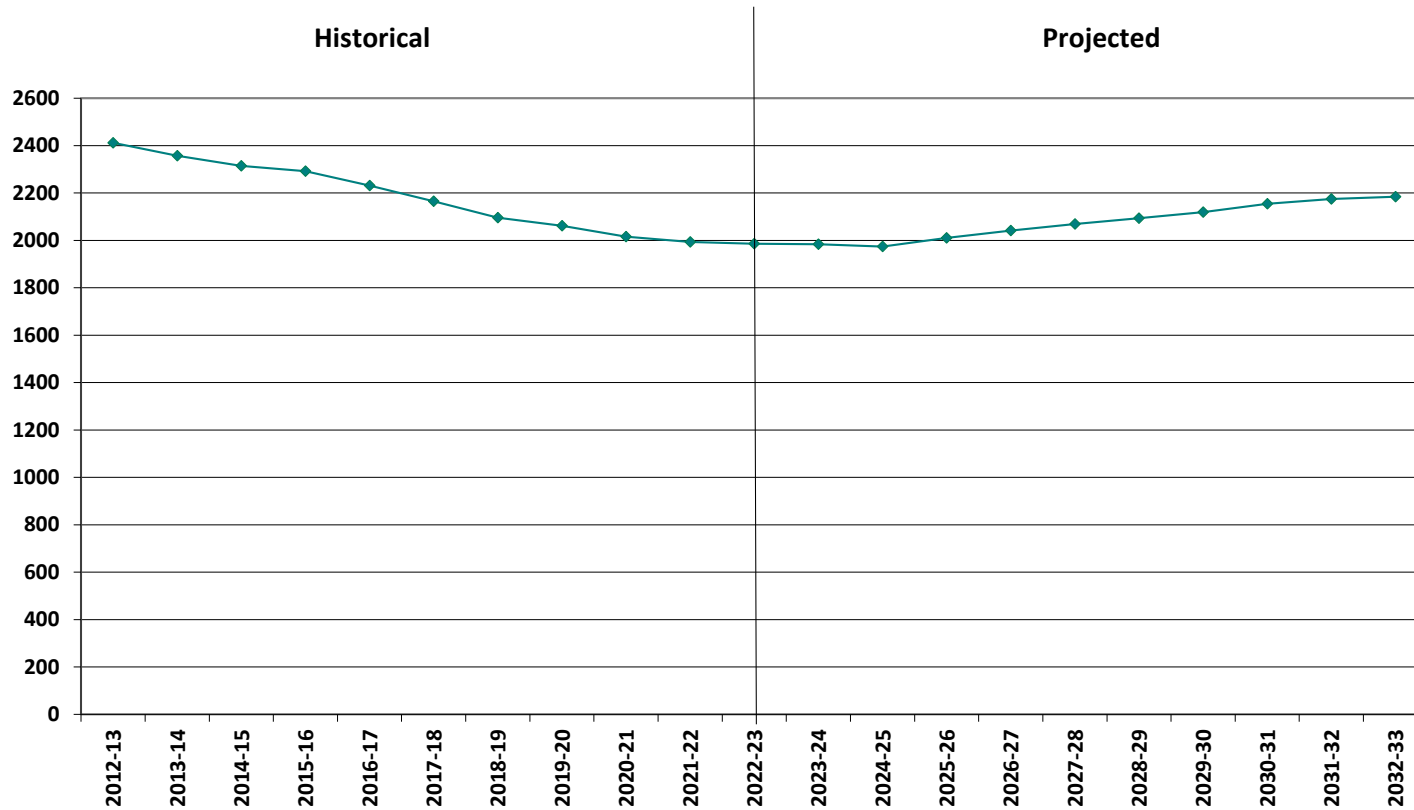
*Projections should be updated annually to reflect changes in in/out-migration of families, real estate sales, residential construction, births, and similar factors.

Projected Enrollment

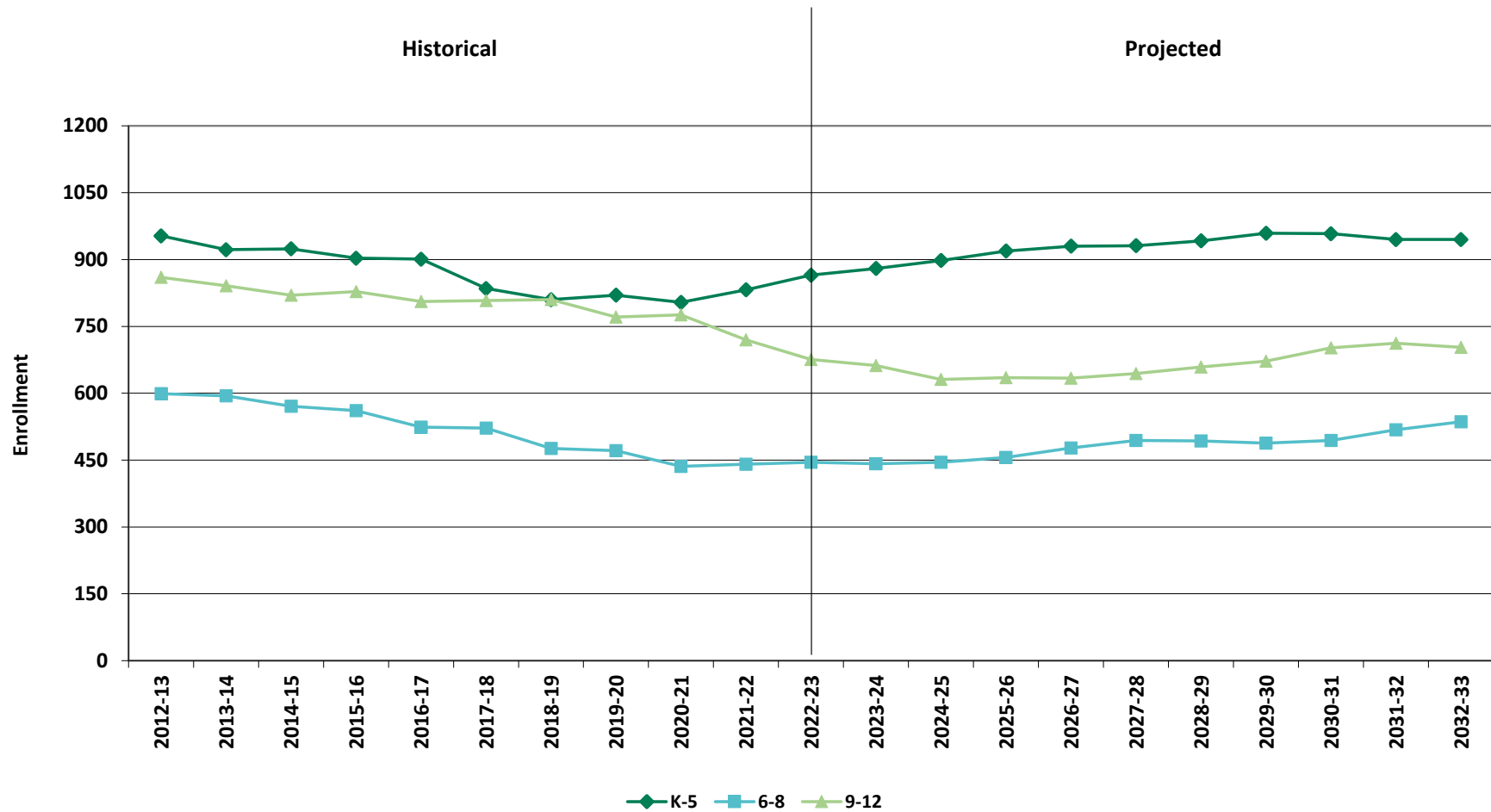
K-12, School Years 2022-23 to 2032-33



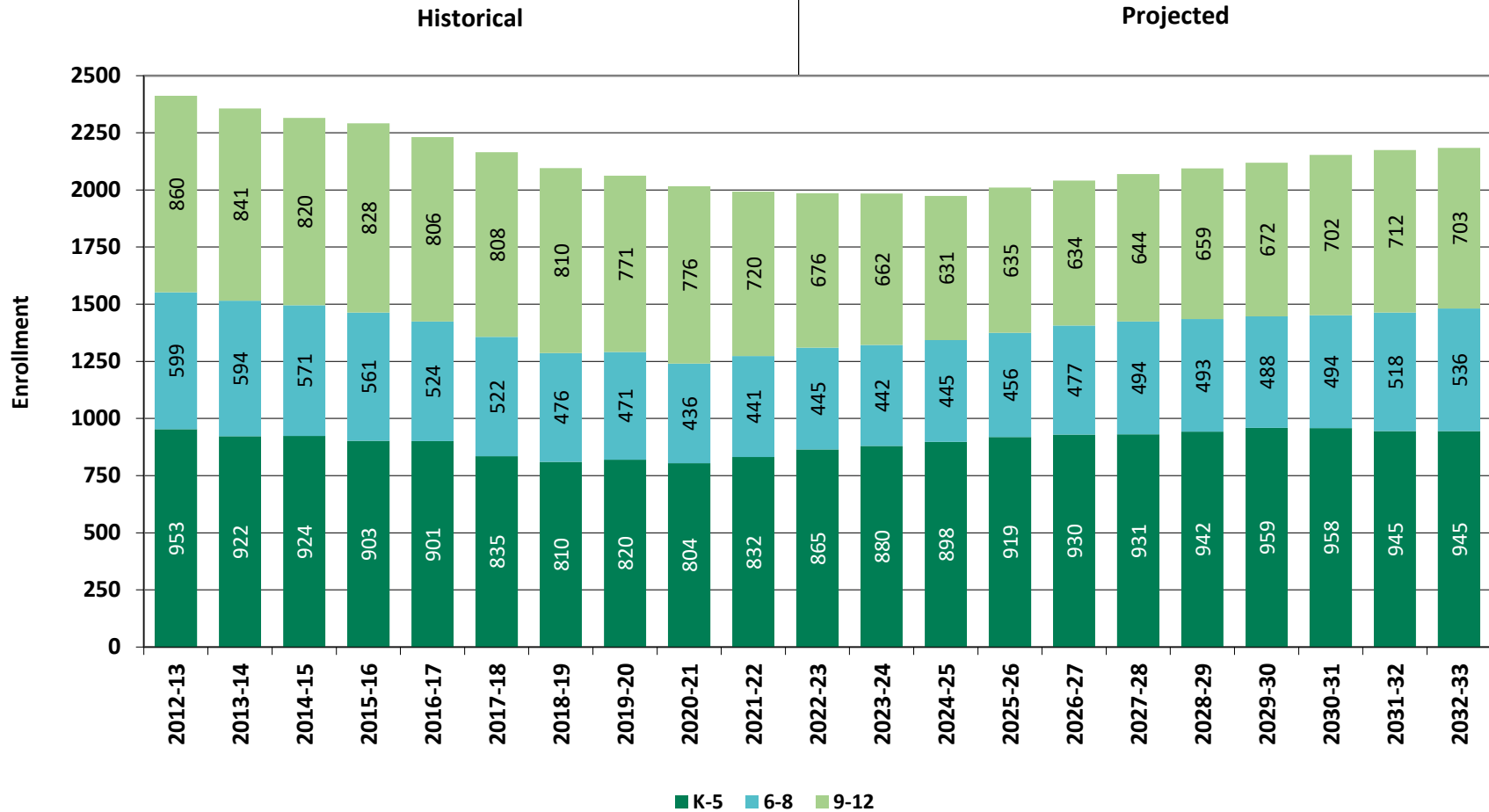
Historical & Projected Enrollment



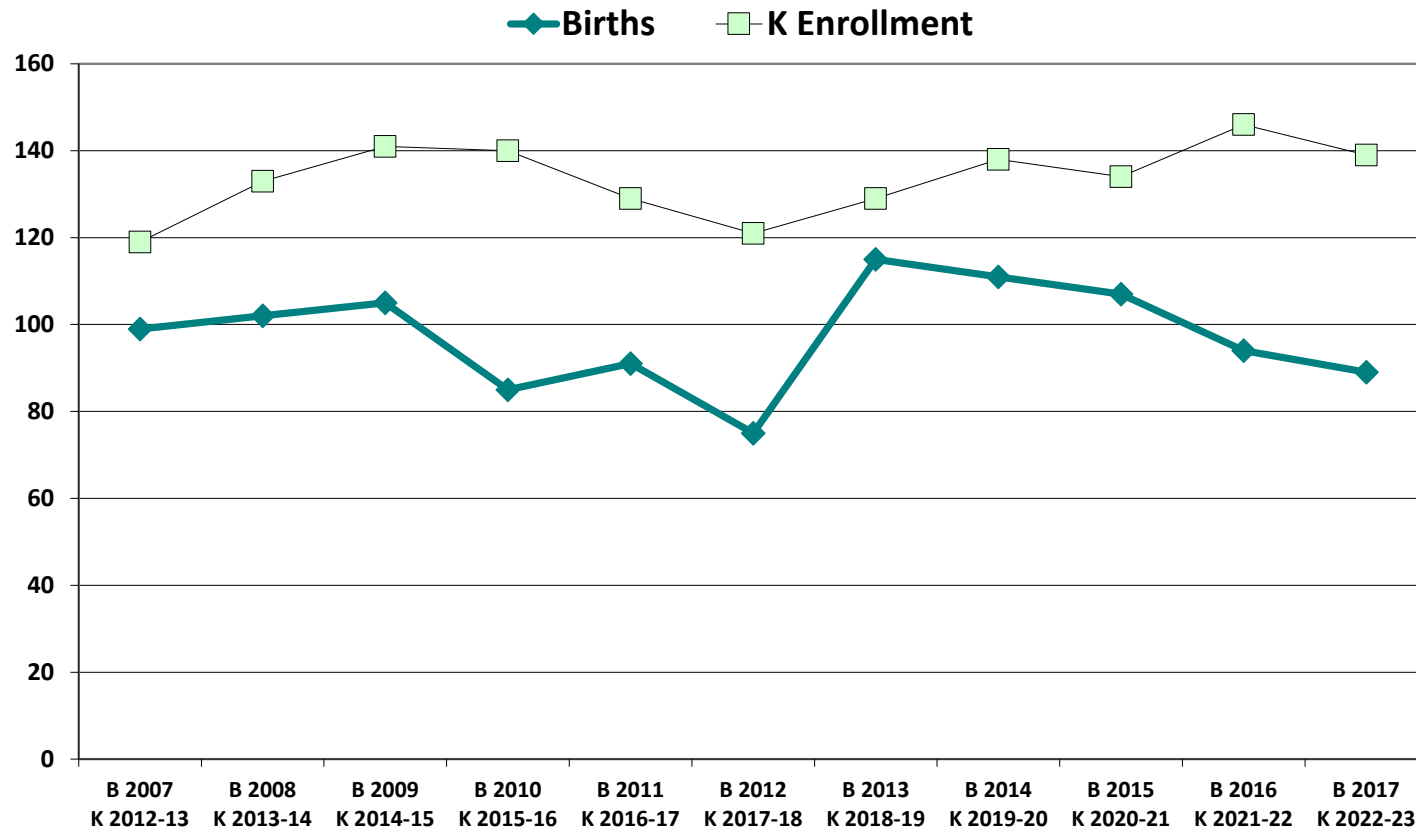
Historical & Projected Enrollments in Grade Combinations



Historical & Projected Enrollments in Grade Combinations



Birth-to-Kindergarten Relationship



Additional Information

Building Permits Issued (Source: HUD)		
Year	Single-Family	Multi-Units
2012	25	0
2018	26	36
2019	30	0
2020	33	0
2021	47	0
2022	23 to date	0 to date

Enrollment History*		
Year	Career-Tech 9-12 Total	Non-Public K-12 Total
2012-13	0	0
2018-19	3	n/a
2019-20	3	n/a
2020-21	6	46
2021-22	5	n/a
2022-23	163	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	41

K-12 Residents in Charter or Magnet Schools, or Choiced-out*	
2022	33

K-12 Special Education Outplaced Students*	
2022	20

K-12 Tuitioned-In, Choiced-In, & Other Non-Residents*	
2022	126

*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).