



Sidney Public Schools

RSU #18

Sidney, ME

School Year 2023-24 Enrollment Projection Report

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Sidney, ME Enrollment Summary

NESDEC is pleased to send you this report displaying the past, present, and projected enrollments for your District. It is important to update enrollment projections every year to identify changes in enrollment patterns. Ten-year projections are designed to provide your 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 received the enrollment data from the District, and we assume that the method of collecting this 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 “Spring Update Refresher” enrollment projection at no cost to affiliates. For more information, please refer to the Methodology, Reliability and Use of this Document section.

This is the first enrollment projection for Sidney. Next fall, we can determine the accuracy of NESDEC’s projection for 2023-24.

Births increased by 6 from a previous ten-year average of 40 to a projected average of 46.

Over the next three years, Grades K-2 enrollments are projected to increase by 16 students and Grades 3-5 enrollments are projected to increase by 6 students, as move through the grades.

Historical Enrollment

School District: Sidney, ME

11/15/2023

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-5	PK-5
2008	50	2013-14	25	35	41	38	47	45	60	0	0	0	0	0	0	0	0	266	291
2009	46	2014-15	25	60	27	37	38	44	42	0	0	0	0	0	0	0	0	248	273
2010	39	2015-16	13	37	47	36	39	40	42	0	0	0	0	0	0	0	0	241	254
2011	33	2016-17	15	26	36	46	36	40	37	0	0	0	0	0	0	0	0	221	236
2012	30	2017-18	21	41	29	38	46	38	41	0	0	0	0	0	0	0	0	233	254
2013	27	2018-19	23	40	38	31	39	49	39	0	0	0	0	0	0	0	0	236	259
2014	48	2019-20	19	45	38	36	32	36	49	0	0	0	0	0	0	0	0	236	255
2015	36	2020-21	21	31	48	36	32	39	33	0	0	0	0	0	0	0	0	219	240
2016	47	2021-22	30	41	41	41	45	39	29	0	0	0	0	0	0	0	0	236	266
2017	39	2022-23	25	55	40	42	43	46	38	0	0	0	0	0	0	0	0	264	289
2018	41	2023-24	31	36	50	42	45	46	46	0	0	0	0	0	0	0	0	265	296

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

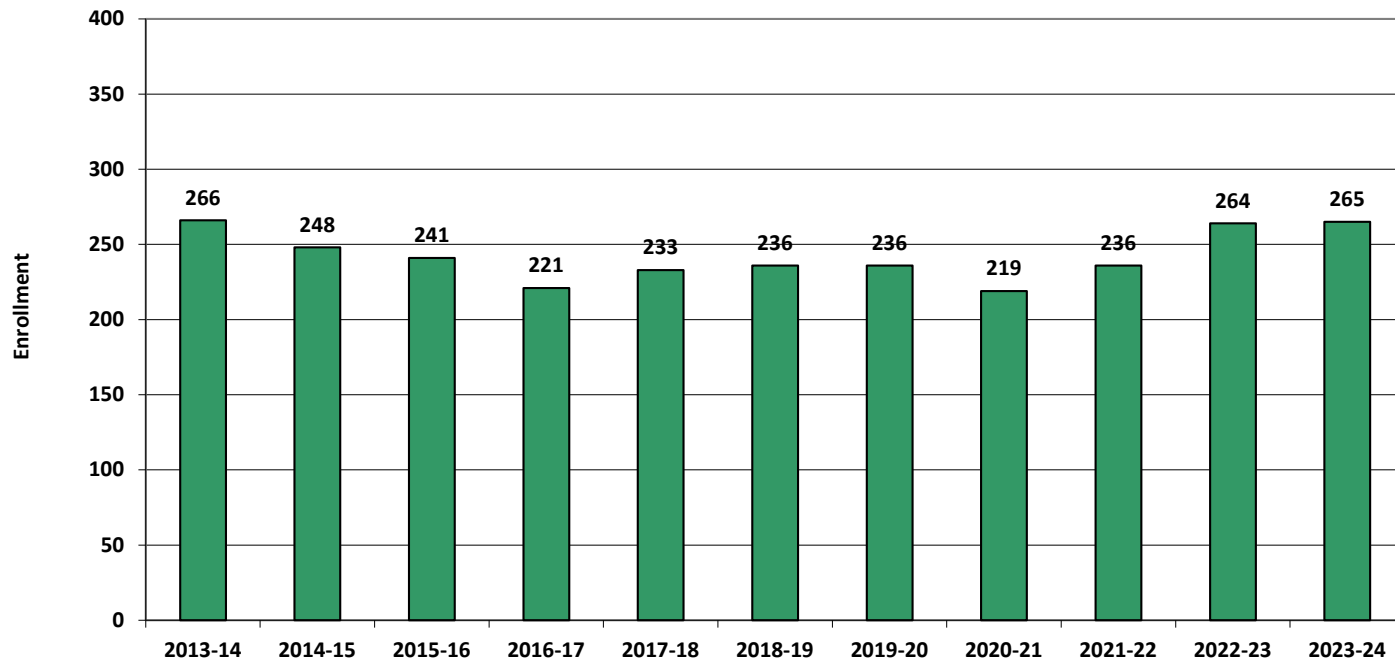
** < 10 Not reported, to protect subgroups with fewer than 10 students.

Historical Enrollment in Grade Combinations						
School Year	PK-5	K-5	PK-K	K-2	3-5	
2013-14	291	266	60	114	152	
2014-15	273	248	85	124	124	
2015-16	254	241	50	120	121	
2016-17	236	221	41	108	113	
2017-18	254	233	62	108	125	
2018-19	259	236	63	109	127	
2019-20	255	236	64	119	117	
2020-21	240	219	52	115	104	
2021-22	266	236	71	123	113	
2022-23	289	264	80	137	127	
2023-24	296	265	67	128	137	

Historical Percentage Changes			
School Year	K-5	Diff.	%
2013-14	266		
2014-15	248	-18	-6.8%
2015-16	241	-7	-2.8%
2016-17	221	-20	-8.3%
2017-18	233	12	5.4%
2018-19	236	3	1.3%
2019-20	236	0	0.0%
2020-21	219	-17	-7.2%
2021-22	236	17	7.8%
2022-23	264	28	11.9%
2023-24	265	1	0.4%
Change		-1	-0.4%

Historical Enrollment

Grades K-5, School Years 2013-14 to 2023-24



Projected Enrollment

School District: Sidney, ME

11/15/2023

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-5	PK-5
2018	41		2023-24	31	36	50	42	45	46	46	0	0	0	0	0	0	0	0	265	296
2019	47		2024-25	31	48	37	50	45	49	44	0	0	0	0	0	0	0	0	273	304
2020	38		2025-26	31	39	49	37	53	49	47	0	0	0	0	0	0	0	0	274	305
2021	53		2026-27	32	55	40	49	39	57	47	0	0	0	0	0	0	0	0	287	319
2022	47	(prov.)	2027-28	32	48	56	40	52	42	54	0	0	0	0	0	0	0	0	292	324
2023	45	(est.)	2028-29	32	47	49	56	43	56	40	0	0	0	0	0	0	0	0	291	323
2024	46	(est.)	2029-30	33	47	48	49	60	47	53	0	0	0	0	0	0	0	0	304	337
2025	46	(est.)	2030-31	33	47	48	48	52	65	45	0	0	0	0	0	0	0	0	305	338
2026	47	(est.)	2031-32	33	49	48	48	51	56	62	0	0	0	0	0	0	0	0	314	347
2027	46	(est.)	2032-33	34	48	50	48	51	55	53	0	0	0	0	0	0	0	0	305	339
2028	46	(est.)	2033-34	34	48	49	50	51	55	53	0	0	0	0	0	0	0	0	306	340

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.

** < 10 Not reported, to protect subgroups with fewer than 10 students.

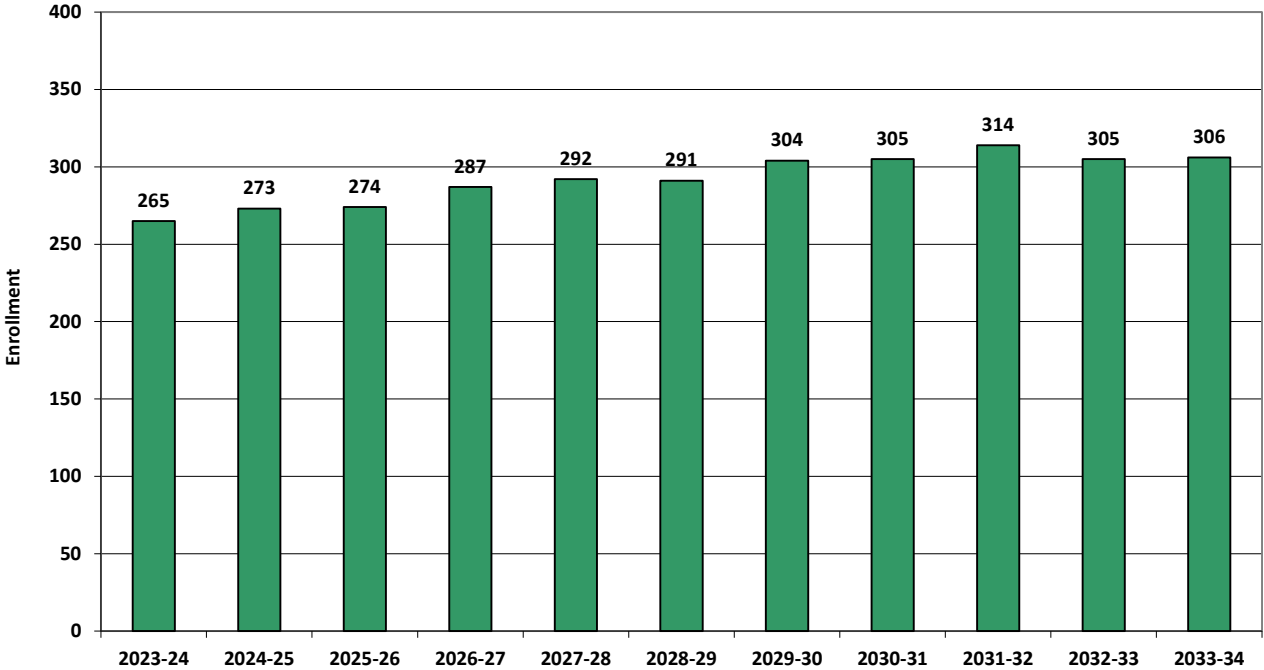
Projected Enrollment in Grade Combinations*						
School Year	PK-5	K-5	PK-K	K-2	3-5	
2023-24	296	265	67	128	137	
2024-25	304	273	79	135	138	
2025-26	305	274	70	125	149	
2026-27	319	287	87	144	143	
2027-28	324	292	80	144	148	
2028-29	323	291	79	152	139	
2029-30	337	304	80	144	160	
2030-31	338	305	80	143	162	
2031-32	347	314	82	145	169	
2032-33	339	305	82	146	159	
2033-34	340	306	82	147	159	

Projected Percentage Changes			
School Year	K-5	Diff.	%
2023-24	265	0	0.0%
2024-25	273	8	3.0%
2025-26	274	1	0.4%
2026-27	287	13	4.7%
2027-28	292	5	1.7%
2028-29	291	-1	-0.3%
2029-30	304	13	4.5%
2030-31	305	1	0.3%
2031-32	314	9	3.0%
2032-33	305	-9	-2.9%
2033-34	306	1	0.3%
Change	41	15.5%	

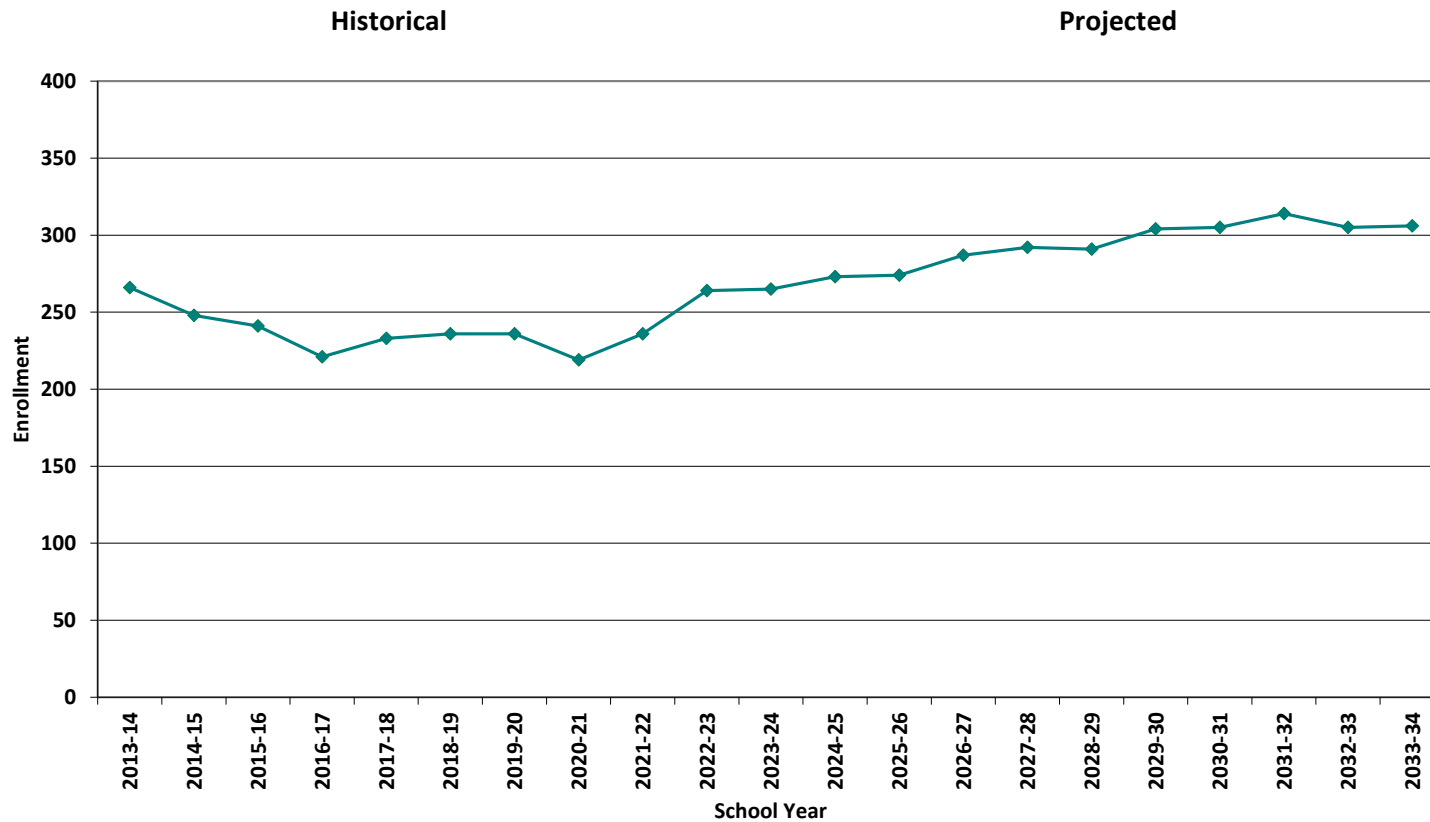
*Projections should be updated annually to reflect changes in in/out-migration of families, real estate sales, residential construction, births, and similar factors.

NESDEC **Projected Enrollment**

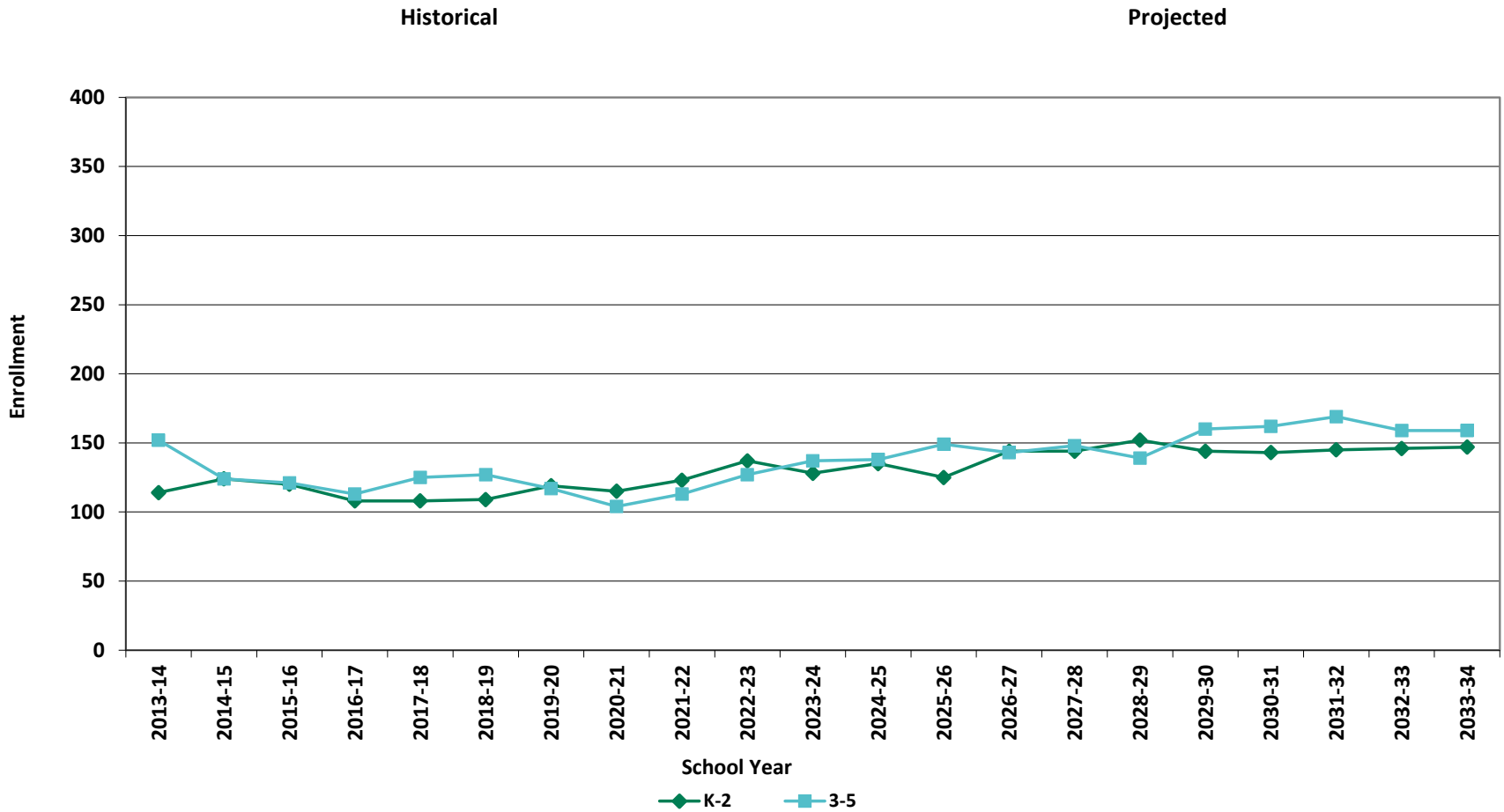
Grades K-5, School Years 2023-24 to 2033-34



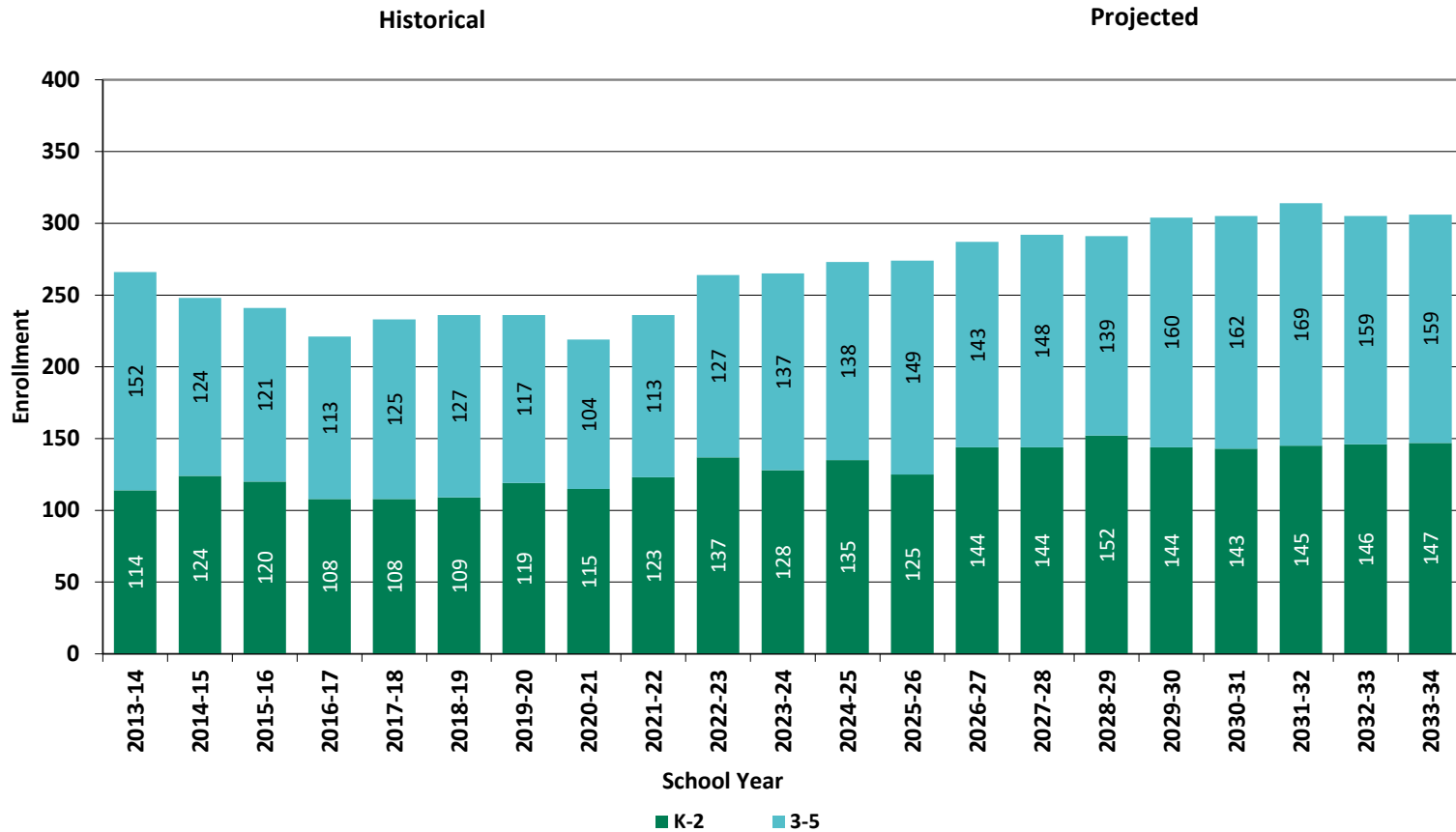
K-5 Historical & Projected Enrollment



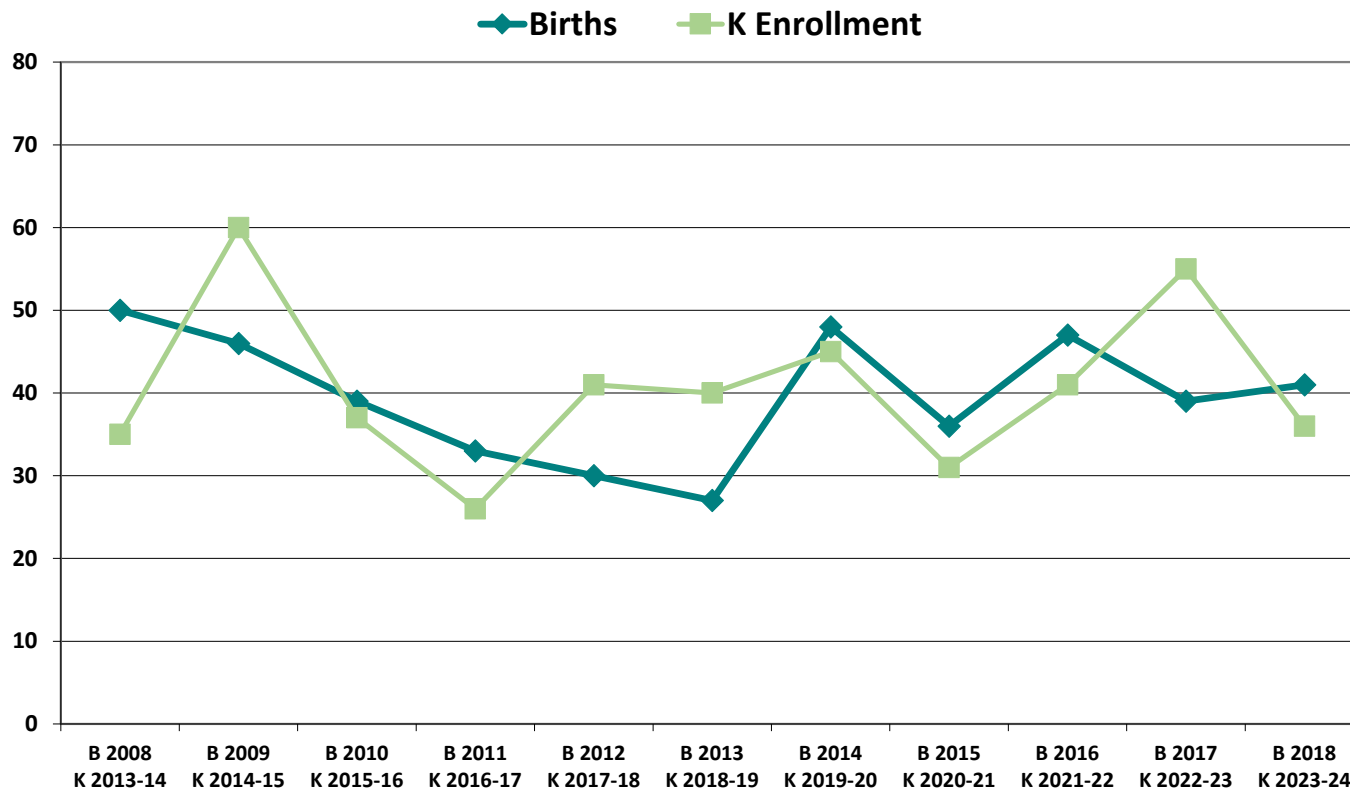
Historical & Projected Enrollments in Grade Combinations



Historical & Projected Enrollments in Grade Combinations



Birth-to-Kindergarten Relationship



Additional Information

Building Permits Issued (Source: HUD)		
Year	Single-Family	Multi-Units
2019	32	0
2020	25	0
2021	33	0
2022	31	0
2023	21 to date	0 to date

School Year	9 - 12 CTE	K - 5 Non-Public	K - 5 Choice-In	K - 5 Choice-Out	K - 5 Out-of-District SPED	K - 5 Homeschool
2019-20	n/a	n/a	n/a	n/a	n/a	n/a
2020-21	n/a	n/a	n/a	n/a	n/a	n/a
2021-22	n/a	n/a	n/a	n/a	n/a	n/a
2022-23	n/a	n/a	n/a	n/a	n/a	n/a
2023-24	n/a	0	11	< 10 **	< 10 **	18

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

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

** < 10 Not reported, to protect subgroups with fewer than 10 students.

New England's PK-12 Enrollments Trends

From 2021 to 2030, the US Department of Education anticipates changes in PK-12 enrollment of -3.2% in the South, -6.0% in the West, -3.9% in the Midwest, -6.0% in the Northeast, and a total of -4.4% nationwide.

State	Fall 2021 PK - 12	Fall 2030 Projected	PK-12 Decline	% Change 2021-2030
USA	49,452,864	47,252,500	-2,200,364	-4.4%
CT	508,686	475,600	-33,086	-6.5%
ME	173,215	161,800	-11,415	-6.6%
MA	921,180	879,900	-41,280	-4.5%
NH	170,005	144,600	-25,405	-14.9%
RI	138,566	130,200	-8,366	-6.0%
VT	83,975	74,600	-9,375	-11.2%

Source: U.S. Department of Education, National Center for Education Statistics, Enrollment in public elementary and secondary schools, by region, state, and jurisdiction: Selected years, fall 1990 through fall 2030, Table 203.20, March 2023.

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.

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 demographic 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 2022-23 increased to 104 students in Grade 2 in 2023-24, 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).