



**Washington Central UUSD
Montpelier, VT**

**2022-23 Enrollment Projection Report
Spring Update**

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District Enrollment Summary Spring Update

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. For more information please refer to the Reliability and Use of This Document section.

We are pleased to send you this Spring Update.

We have reviewed the updated Spring Enrollment and note that the enrollment growth is similar to the previous projection for Grades K-12. We did note the increase of 15 students in Grade 12, which does not have an impact on projections going forward as these students will graduate. We look forward to fully updating data in the Fall of 2023.

Historical Enrollment Spring Update

School District: Washington Central UUSD, VT - Spring Update

4/11/2023

NOTE: Spring enrollment data provided by the District.

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	104	2012-13	116	101	101	108	105	104	109	98	130	117	146	131	132	131	0	1513	1629
2008	80	2013-14	103	99	94	96	107	102	110	108	109	130	131	152	131	128	0	1497	1600
2009	85	2014-15	116	75	99	94	92	104	101	114	116	114	148	129	148	120	0	1454	1570
2010	92	2015-16	97	104	82	107	99	96	105	105	124	112	125	141	136	126	0	1462	1559
2011	78	2016-17	108	88	109	90	110	105	96	111	115	123	129	125	139	115	0	1455	1563
2012	71	2017-18	139	87	89	103	92	113	106	99	107	117	141	127	124	120	0	1425	1564
2013	64	2018-19	146	76	89	98	101	99	115	109	110	107	148	130	128	103	0	1413	1559
2014	70	2019-20	165	82	74	91	98	107	101	115	113	115	120	143	124	116	0	1399	1564
2015	68	2020-21	128	73	76	75	89	94	107	98	124	116	123	114	140	112	0	1341	1469
2016	73	2021-22	95	90	84	82	79	88	103	117	106	129	131	123	124	110	< 10 **	1371	1466
2017	65	Fall 2022	91	69	90	83	83	77	87	100	121	108	143	121	111	111	0	1304	1395
2023 Spring Update			133	64	91	81	84	77	88	101	122	109	144	121	109	126	< 10 **	1319	1452

*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									
Year	PK-6	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2012-13	842	628	726	973	454	345	247	787	540
2013-14	819	608	716	955	457	347	239	781	542
2014-15	795	565	679	909	445	344	230	775	545
2015-16	795	593	698	934	446	341	236	764	528
2016-17	817	598	709	947	445	349	238	746	508
2017-18	828	590	689	913	429	323	224	736	512
2018-19	833	578	687	904	441	326	217	726	509
2019-20	833	553	668	896	444	343	228	731	503
2020-21	740	514	612	852	445	338	240	729	489
2021-22	738	526	643	878	455	352	235	723	488
Fall 2022	680	489	589	818	416	329	229	715	486
Spring 2023	719	485	586	817	420	332	231	731	500

Historical Percentage Changes			
Year	K-12	Diff.	%
2012-13	1513	0	0.0%
2013-14	1497	-16	-1.1%
2014-15	1454	-43	-2.9%
2015-16	1462	8	0.6%
2016-17	1455	-7	-0.5%
2017-18	1425	-30	-2.1%
2018-19	1413	-12	-0.8%
2019-20	1399	-14	-1.0%
2020-21	1341	-58	-4.1%
2021-22	1371	30	2.2%
Fall 2022	1304	-67	-4.9%
Change		-209	-13.8%

Projected Enrollment Spring Update

School District: Washington Central UUSD, VT - Spring Update

4/11/2023

Note: Spring projections are based on updated Spring enrollment data.

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	65		Spring 2023	133	64	91	81	84	77	88	101	122	109	144	121	109	126	< 10 **	1319	1452
2018	68		2023-24	95	82	66	93	84	85	79	90	107	124	124	139	120	96	< 10 **	1291	1386
2019	66		2024-25	100	83	86	69	94	85	87	81	95	109	141	120	138	106	< 10 **	1296	1396
2020	62		2025-26	105	75	86	89	70	95	88	89	86	97	124	136	119	122	< 10 **	1278	1383
2021	67	(est.)	2026-27	110	82	78	88	91	72	97	90	94	88	111	120	135	105	< 10 **	1253	1363
2022	66	(est.)	2027-28	115	80	85	80	89	92	74	99	95	96	100	107	119	119	< 10 **	1237	1352
2023	66	(est.)	2028-29	120	81	83	87	82	90	95	75	105	97	109	96	106	105	< 10 **	1213	1333
2024	65	(est.)	2029-30	125	80	84	85	88	83	92	97	80	107	111	105	95	94	< 10 **	1203	1328
2025	65	(est.)	2030-31	130	80	83	86	86	89	85	94	103	82	122	107	104	84	< 10 **	1207	1337
2026	66	(est.)	2031-32	135	80	83	85	88	87	91	86	100	105	93	118	106	92	< 10 **	1216	1351
2027	65	(est.)	2032-33	140	80	83	85	87	89	89	92	91	102	120	90	117	94	< 10 **	1221	1361

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.

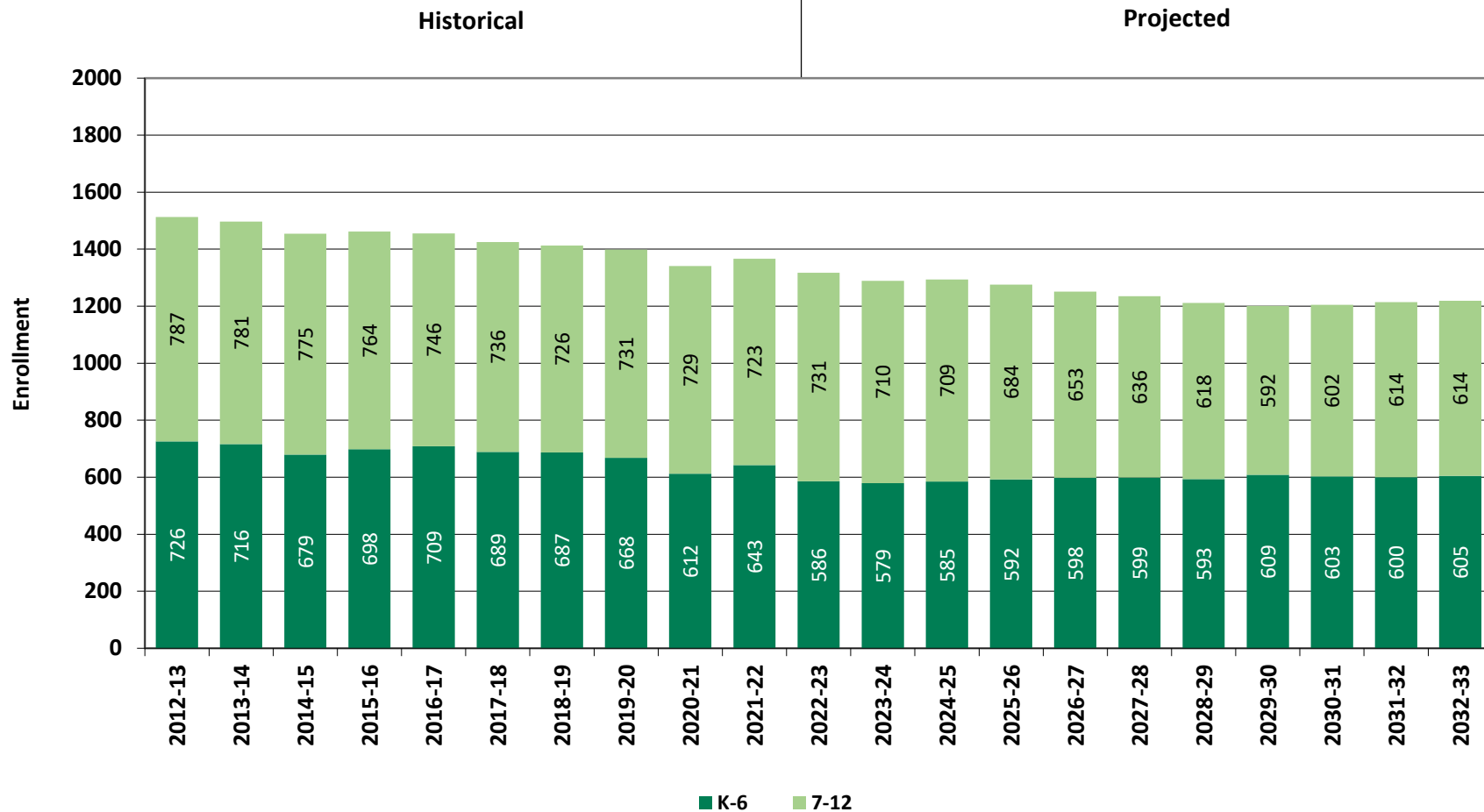
** < 10 Not reported, to protect subgroups with fewer than 10 students.

Projected Enrollment in Grade Combinations*									
Year	PK-6	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
Spring 2023	719	485	586	817	420	332	231	731	500
2023-24	674	489	579	810	400	321	231	710	479
2024-25	685	504	585	789	372	285	204	709	505
2025-26	697	503	592	775	360	272	183	684	501
2026-27	708	508	598	780	369	272	182	653	471
2027-28	714	500	599	790	364	290	191	636	445
2028-29	713	518	593	795	372	277	202	618	416
2029-30	734	512	609	796	376	284	187	592	405
2030-31	733	509	603	788	364	279	185	602	417
2031-32	735	514	600	805	382	291	205	614	409
2032-33	745	513	605	798	374	285	193	614	421

Projected Percentage Changes			
Year	K-12	Diff.	%
Spring 2023	1319	0	0.0%
2023-24	1291	-28	-2.1%
2024-25	1296	5	0.4%
2025-26	1278	-18	-1.4%
2026-27	1253	-25	-2.0%
2027-28	1237	-16	-1.3%
2028-29	1213	-24	-1.9%
2029-30	1203	-10	-0.8%
2030-31	1207	4	0.3%
2031-32	1216	9	0.7%
2032-33	1221	5	0.4%
Change	-98		-7.4%

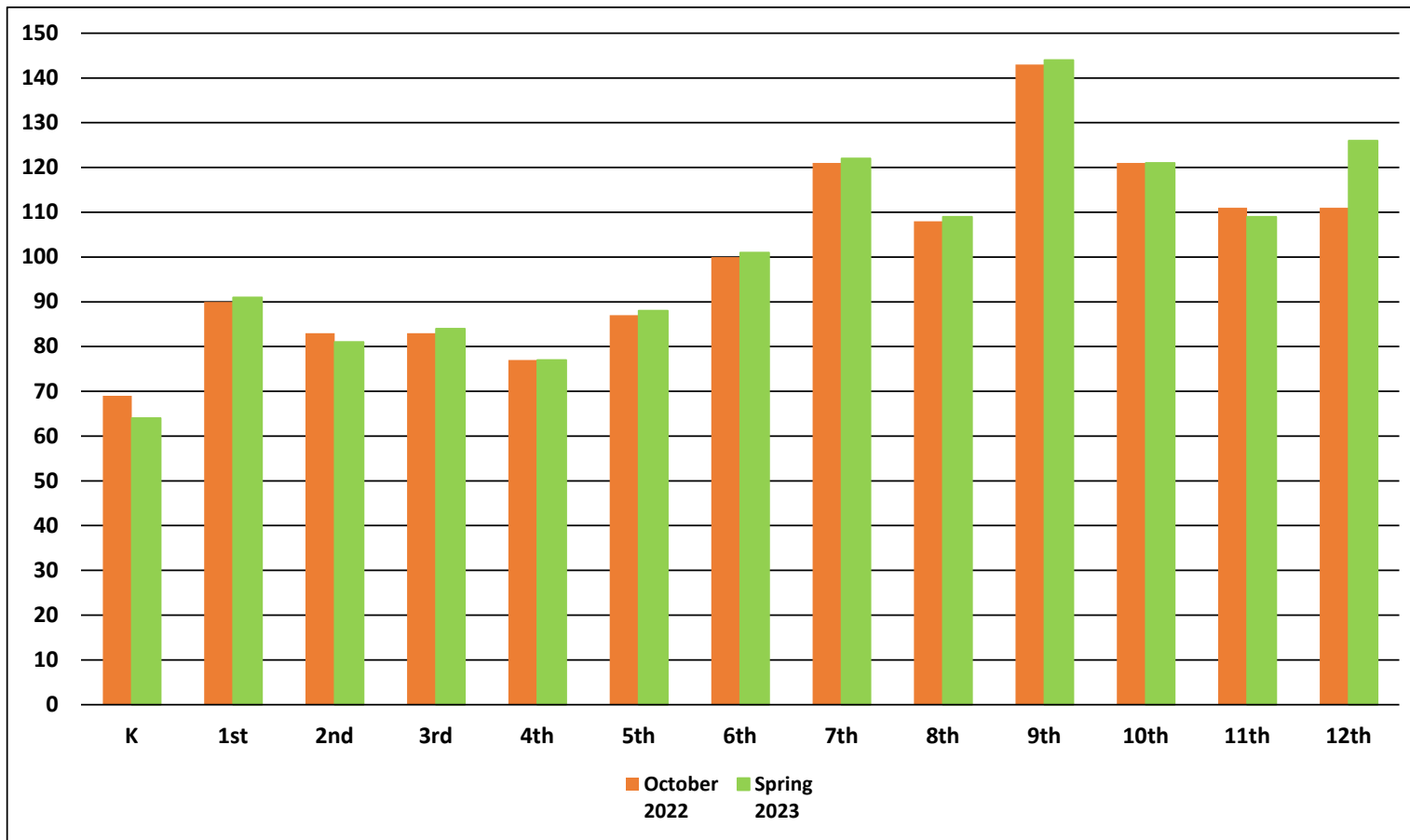
*Projections should be updated annually to reflect changes in in/out-migration of families, real estate sales, residential construction, births, and similar factors.

Historical & Projected Enrollments in Grade Combinations

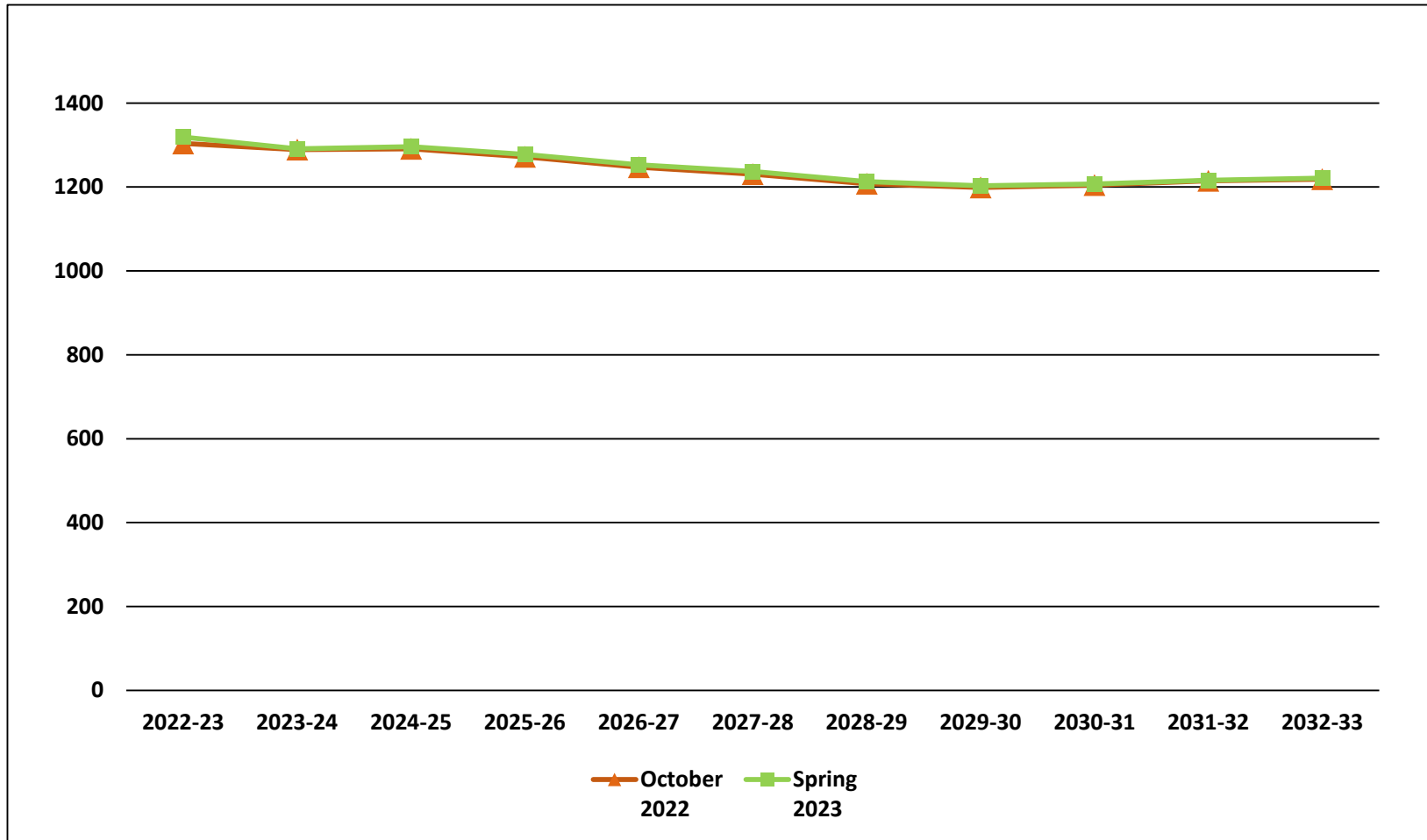


Note: Projections are based on Spring 2023 data.

October 2022 vs. Spring 2023 Enrollment by Grade



Projections October 2022 vs. Spring 2023 Data



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).