



Sandown, NH
Timberlane Regional School District
2022-23 Enrollment Projection Report
Spring Update

Table of Contents

Section	Page
Enrollment Summary Spring Update.....	1
Historical Enrollment Table Spring Update.....	2
Projected Enrollment Table Spring Update.....	3
Historical & Projected Enrollment in Grade Combinations	4
October 2022 vs. Spring 2023 Enrollment by Grade.....	5
Projections October 2022 vs. Spring 2023.....	6
Reliability and Use of this Document	7

Sandown, NH 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 look forward to fully updating data in the Fall of 2023.

Historical Enrollment Spring Update

School District: Sandown, NH - Spring Update

4/13/2023

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	72	2012-13	0	58	73	72	72	71	84	90	83	97	76	85	93	108	0	1062	1062
2008	58	2013-14	17	55	69	74	74	68	70	88	89	78	88	78	84	92	0	1007	1024
2009	41	2014-15	17	47	60	71	74	73	66	66	89	90	75	85	84	89	0	969	986
2010	59	2015-16	52	67	58	63	72	72	77	60	67	85	93	73	87	90	0	964	1016
2011	48	2016-17	42	55	78	58	67	80	78	84	68	79	86	95	72	91	0	991	1033
2012	55	2017-18	94	67	67	75	62	67	83	79	86	73	80	87	94	76	0	996	1090
2013	61	2018-19	46	68	67	68	75	67	74	83	84	83	72	79	87	91	0	998	1044
2014	59	2019-20	85	70	63	62	71	72	68	80	92	86	86	74	81	92	0	997	1082
2015	73	2020-21	41	60	61	52	61	74	66	68	83	88	79	84	74	83	0	933	974
2016	71	2021-22	40	68	72	59	55	66	75	66	71	83	80	74	80	75	0	924	964
2017	68	Fall 2022	52	67	78	72	62	60	71	77	64	77	79	76	72	78	0	933	985
2023 Spring Update			52	64	77	72	62	61	70	78	63	76	81	77	72	77	0	930	982

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

Historical Enrollment in Grade Combinations									
Year	PK-5	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
2012-13	430	430	520	700	354	270	180	542	362
2013-14	427	410	498	665	325	255	167	509	342
2014-15	408	391	457	636	311	245	179	512	333
2015-16	461	409	469	621	289	212	152	495	343
2016-17	458	416	500	647	309	231	147	491	344
2017-18	515	421	500	659	321	238	159	496	337
2018-19	465	419	502	669	324	250	167	496	329
2019-20	491	406	486	664	326	258	178	511	333
2020-21	415	374	442	613	305	239	171	491	320
2021-22	435	395	461	615	295	220	154	463	309
Fall 2022	462	410	487	628	289	218	141	446	305
Spring 2023	458	406	484	623	287	217	139	446	307

Historical Percentage Changes			
Year	K-12	Diff.	%
2012-13	1062	0	0.0%
2013-14	1007	-55	-5.2%
2014-15	969	-38	-3.8%
2015-16	964	-5	-0.5%
2016-17	991	27	2.8%
2017-18	996	5	0.5%
2018-19	998	2	0.2%
2019-20	997	-1	-0.1%
2020-21	933	-64	-6.4%
2021-22	924	-9	-1.0%
Fall 2022	933	9	1.0%
Change	-129		-12.1%

Projected Enrollment Spring Update

School District: Sandown, NH - Spring Update

4/13/2023

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	68		Spring 2023	52	64	77	72	62	61	70	78	63	76	81	77	72	77	0	930	982
2018	81		2023-24	52	85	69	75	74	65	62	72	81	64	74	80	76	73	0	950	1002
2019	52		2024-25	52	54	91	67	77	78	66	64	75	83	62	73	79	78	0	947	999
2020	78		2025-26	52	82	58	88	69	81	79	68	67	77	81	61	72	81	0	964	1016
2021	78		2026-27	52	82	88	56	91	72	82	81	71	68	75	80	60	73	0	979	1031
2022	71	(est.)	2027-28	52	75	88	85	58	96	73	84	84	72	66	74	79	61	0	995	1047
2023	72	(est.)	2028-29	52	75	80	85	88	61	97	75	87	86	70	65	73	81	0	1023	1075
2024	70	(est.)	2029-30	52	74	80	78	88	92	62	99	78	89	84	69	64	74	0	1031	1083
2025	74	(est.)	2030-31	52	77	79	78	80	92	93	64	103	80	87	82	68	65	0	1048	1100
2026	73	(est.)	2031-32	52	77	83	77	80	84	93	95	67	105	78	85	81	69	0	1074	1126
2027	72	(est.)	2032-33	52	76	83	81	79	84	85	95	99	68	102	77	84	83	0	1096	1148

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.

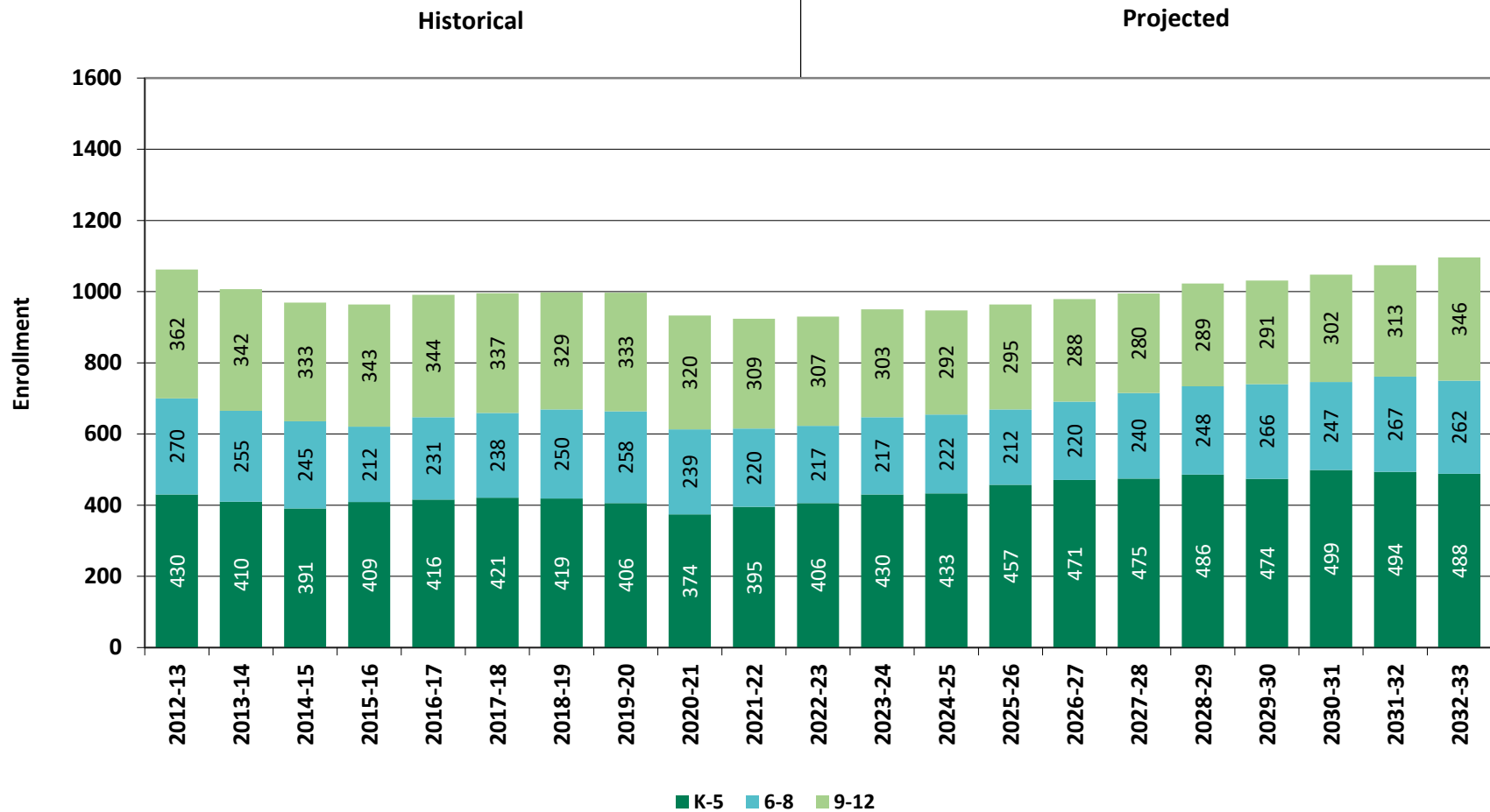
*Birth data provided by Public Health Vital Records Departments in each state.

Projected Enrollment in Grade Combinations*									
Year	PK-5	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
Spring 2023	458	406	484	623	287	217	139	446	307
2023-24	482	430	502	647	279	217	145	448	303
2024-25	485	433	497	655	288	222	158	450	292
2025-26	509	457	525	669	291	212	144	439	295
2026-27	523	471	552	691	302	220	139	427	288
2027-28	527	475	559	715	313	240	156	436	280
2028-29	538	486	561	734	345	248	173	462	289
2029-30	526	474	573	740	328	266	167	458	291
2030-31	551	499	563	746	340	247	183	485	302
2031-32	546	494	589	761	360	267	172	485	313
2032-33	540	488	583	750	347	262	167	513	346

Projected Percentage Changes			
Year	K-12	Diff.	%
Spring 2023	930	0	0.0%
2023-24	950	20	2.2%
2024-25	947	-3	-0.3%
2025-26	964	17	1.8%
2026-27	979	15	1.6%
2027-28	995	16	1.6%
2028-29	1023	28	2.8%
2029-30	1031	8	0.8%
2030-31	1048	17	1.6%
2031-32	1074	26	2.5%
2032-33	1096	22	2.0%
Change	166		17.8%

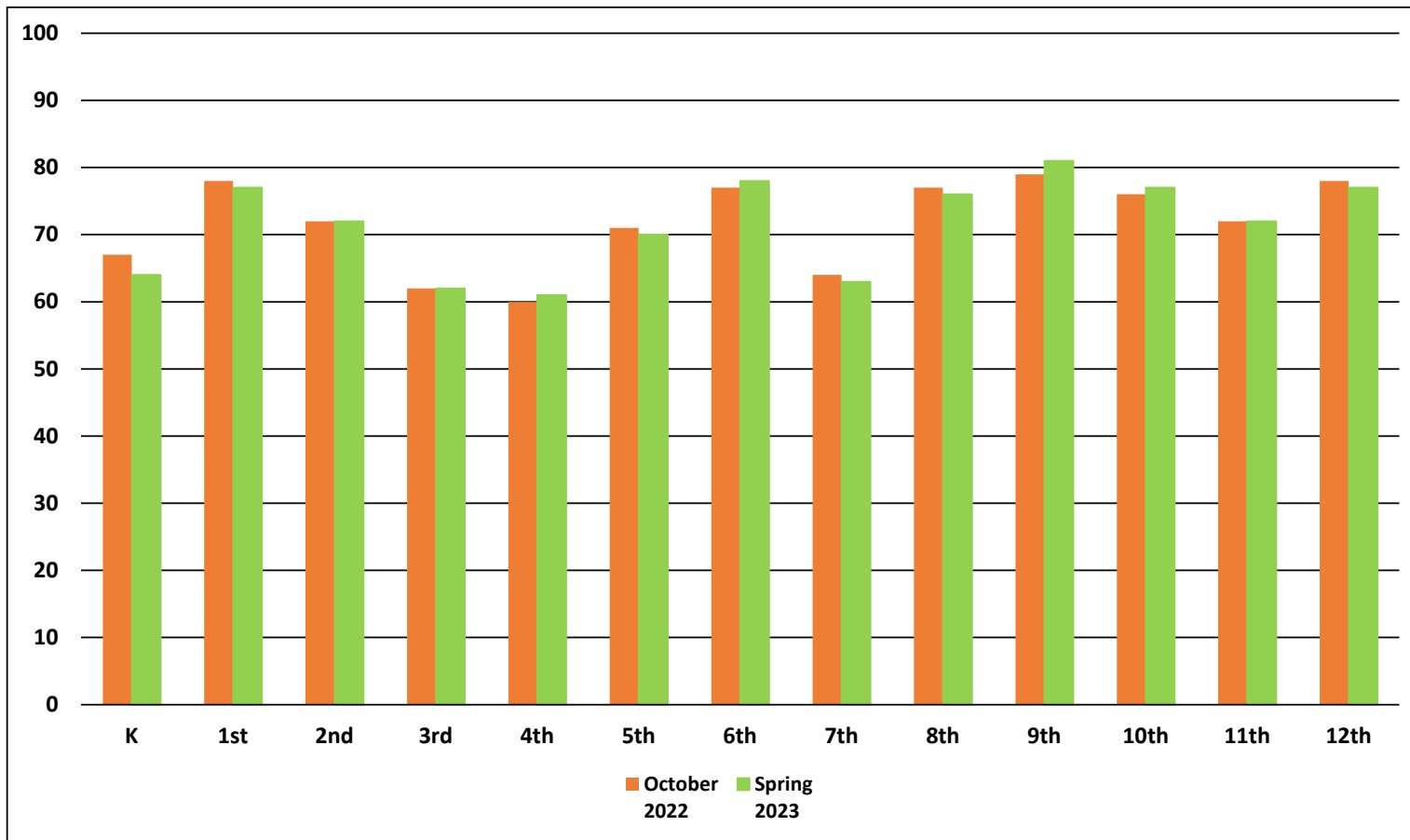
*Projections should be updated annually to reflect changes in in/out-migration of families, real estate sales, residential construction, births, and similar factors.

Historical & Projected Enrollments in Grade Combinations

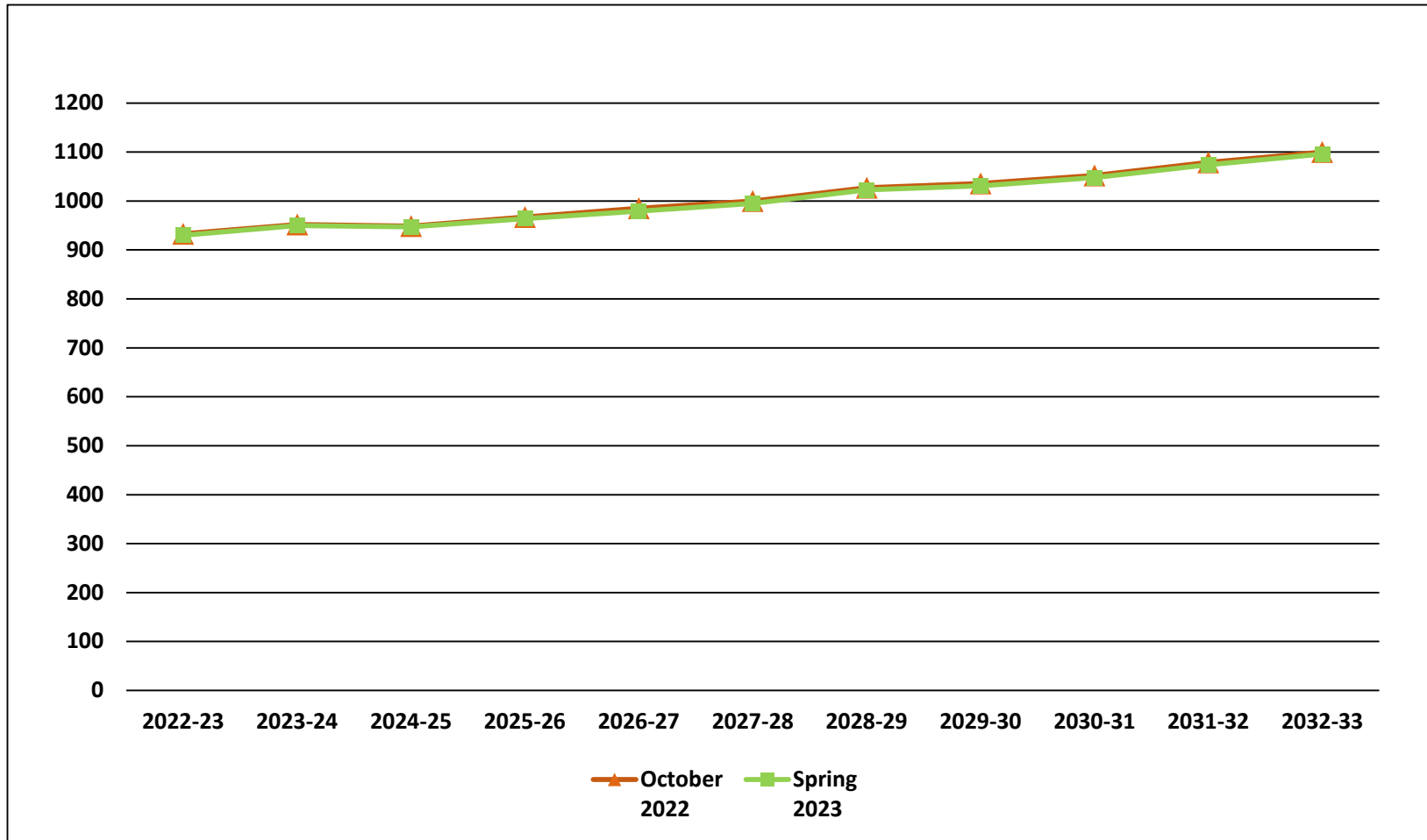


Note: Projections are based on Spring 2023 data.

October 2022 vs. Spring 2023 Enrollment by Grade



Projections October 2022 vs. Spring 2023



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).