



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

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Atkinson, 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: Atkinson, 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	45	2012-13	18	52	38	81	53	78	94	65	79	77	74	83	76	92	0	942	960
2008	44	2013-14	17	39	60	44	79	53	78	88	63	78	68	76	81	79	0	886	903
2009	36	2014-15	12	49	58	63	47	82	51	76	85	60	72	66	76	79	0	864	876
2010	37	2015-16	17	40	50	56	65	46	81	51	72	84	50	72	67	79	0	813	830
2011	25	2016-17	20	38	48	48	58	69	45	78	50	69	76	48	73	67	0	767	787
2012	38	2017-18	19	46	49	54	48	59	73	47	78	51	64	73	54	72	0	768	787
2013	35	2018-19	24	55	52	52	58	52	64	72	45	77	43	64	74	55	0	763	787
2014	52	2019-20	15	53	62	48	45	59	49	60	69	48	76	39	62	81	0	751	766
2015	40	2020-21	14	51	65	62	49	47	60	45	63	65	42	77	43	67	0	736	750
2016	39	2021-22	17	44	61	64	61	50	52	57	46	56	52	43	73	49	0	708	725
2017	48	Fall 2022	29	43	57	60	63	59	48	50	57	47	51	52	42	74	0	703	732
2023 Spring Update			32	43	56	60	62	59	49	50	57	47	51	52	42	74	0	702	734

*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	414	396	461	617	315	221	156	481	325
2013-14	370	353	441	582	307	229	141	445	304
2014-15	362	350	426	571	272	221	145	438	293
2015-16	355	338	389	545	288	207	156	424	268
2016-17	326	306	384	503	242	197	119	383	264
2017-18	348	329	376	505	249	176	129	392	263
2018-19	357	333	405	527	258	194	122	358	236
2019-20	331	316	376	493	226	177	117	375	258
2020-21	348	334	379	507	233	173	128	357	229
2021-22	349	332	389	491	211	159	102	319	217
Fall 2022	359	330	380	484	202	154	104	323	219
Spring 2023	361	329	379	483	203	154	104	323	219

Historical Percentage Changes			
Year	K-12	Diff.	%
2012-13	942	0	0.0%
2013-14	886	-56	-5.9%
2014-15	864	-22	-2.5%
2015-16	813	-51	-5.9%
2016-17	767	-46	-5.7%
2017-18	768	1	0.1%
2018-19	763	-5	-0.7%
2019-20	751	-12	-1.6%
2020-21	736	-15	-2.0%
2021-22	708	-28	-3.8%
Fall 2022	703	-5	-0.7%
Change		-239	-25.4%

Projected Enrollment Spring Update

School District: Atkinson, 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	48		Spring 2023	32	43	56	60	62	59	49	50	57	47	51	52	42	74	0	702	734
2018	44		2023-24	29	48	52	55	60	63	61	46	51	56	42	51	53	44	0	682	711
2019	47		2024-25	29	52	58	51	55	61	65	58	46	50	50	42	52	56	0	696	725
2020	51		2025-26	29	56	63	57	51	56	63	61	59	46	45	50	42	55	0	704	733
2021	50		2026-27	29	55	68	62	57	52	58	59	62	58	41	45	51	44	0	712	741
2022	48	(est.)	2027-28	29	53	67	67	62	58	53	55	60	61	52	41	45	54	0	728	757
2023	48	(est.)	2028-29	29	53	64	66	67	63	60	50	56	59	54	52	41	47	0	732	761
2024	49	(est.)	2029-30	29	54	64	63	66	68	65	57	51	55	53	54	53	43	0	746	775
2025	49	(est.)	2030-31	29	54	65	63	63	67	70	61	58	50	49	53	55	56	0	764	793
2026	49	(est.)	2031-32	29	54	65	64	63	64	69	66	62	57	45	49	54	58	0	770	799
2027	49	(est.)	2032-33	29	53	65	64	64	64	66	65	67	61	51	45	50	57	0	772	801

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

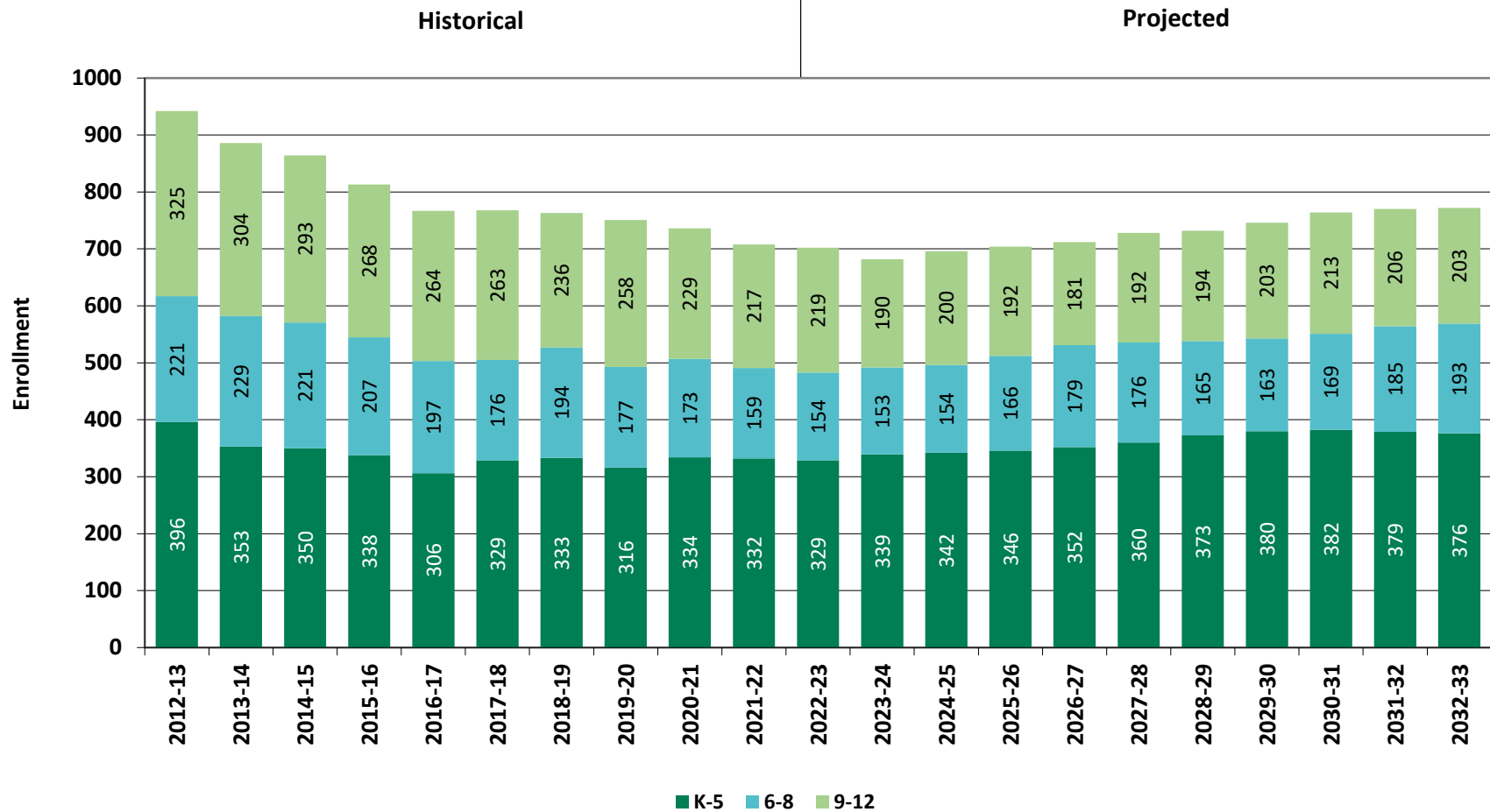
*Birth data provided by Public Health Vital Records Departments in each state.

Projected Enrollment in Grade Combinations*									
Year	PK-5	K-5	K-6	K-8	5-8	6-8	7-8	7-12	9-12
Spring 2023	361	329	379	483	203	154	104	323	219
2023-24	368	339	385	492	214	153	107	297	190
2024-25	371	342	400	496	219	154	96	296	200
2025-26	375	346	407	512	229	166	105	297	192
2026-27	381	352	411	531	237	179	120	301	181
2027-28	389	360	415	536	229	176	121	313	192
2028-29	402	373	423	538	225	165	115	309	194
2029-30	409	380	437	543	228	163	106	309	203
2030-31	411	382	443	551	239	169	108	321	213
2031-32	408	379	445	564	254	185	119	325	206
2032-33	405	376	441	569	259	193	128	331	203

Projected Percentage Changes			
Year	K-12	Diff.	%
Spring 2023	702	0	0.0%
2023-24	682	-20	-2.8%
2024-25	696	14	2.1%
2025-26	704	8	1.1%
2026-27	712	8	1.1%
2027-28	728	16	2.2%
2028-29	732	4	0.5%
2029-30	746	14	1.9%
2030-31	764	18	2.4%
2031-32	770	6	0.8%
2032-33	772	2	0.3%
Change	70		10.0%

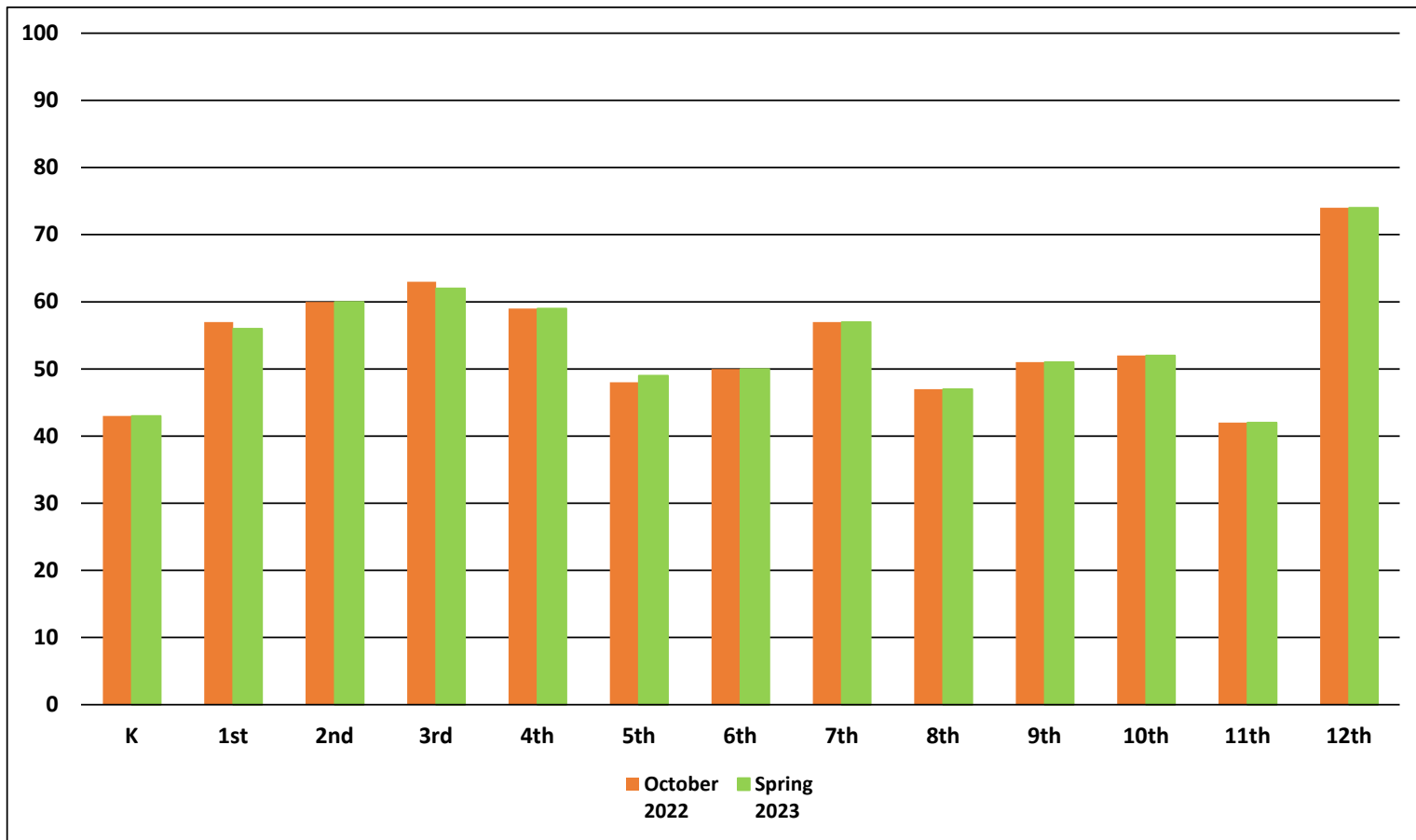
*Projections should be updated annually to reflect changes in in/out-migration of families, real estate sales, residential construction, births, and similar factors.

Historical & Projected Enrollments in Grade Combinations

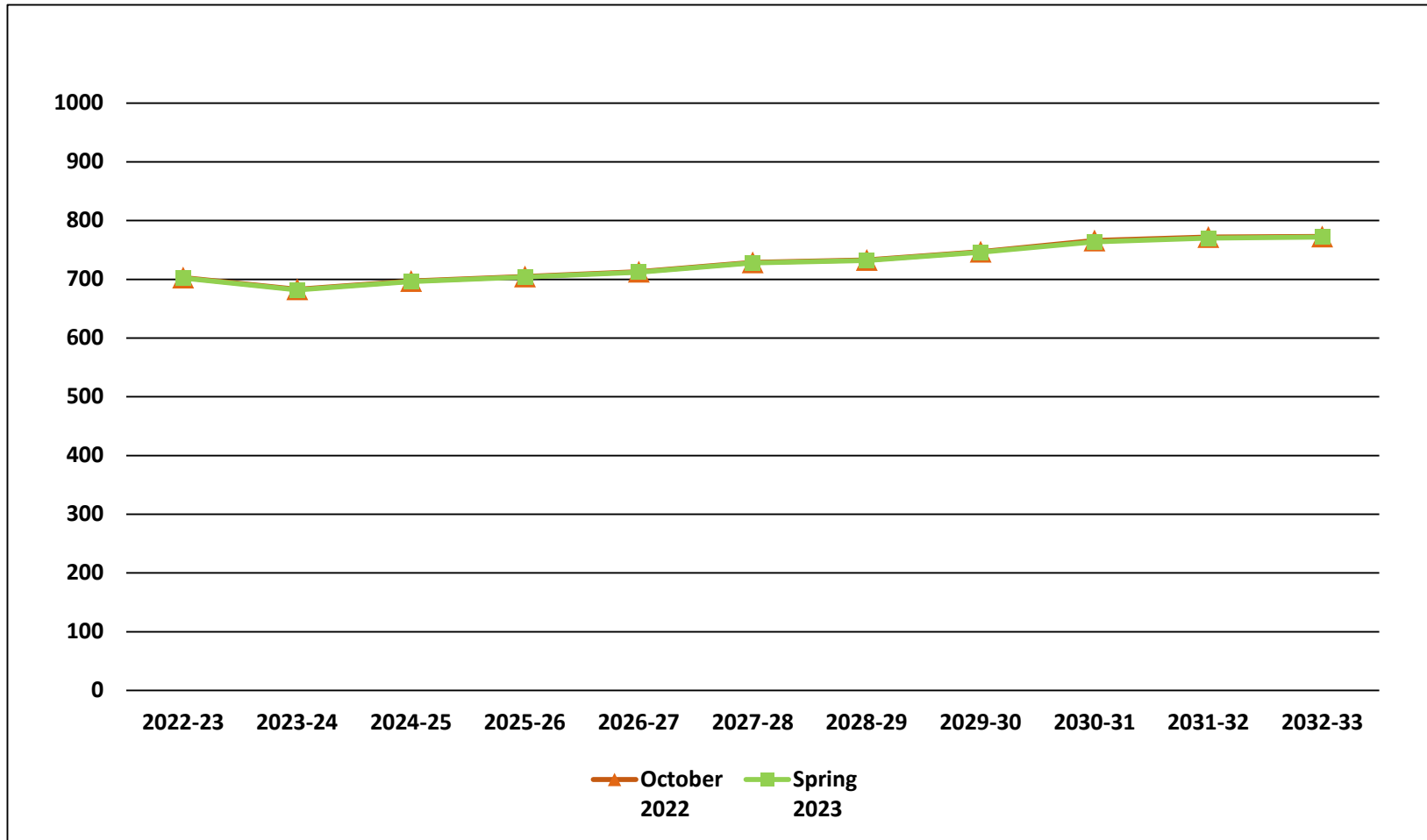


Note: Projections are based on Spring 2023 data.

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).