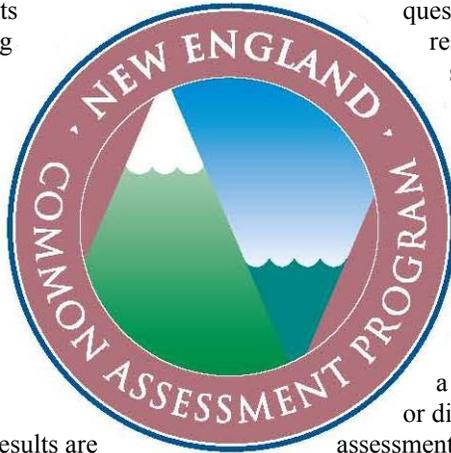


# About The New England Common Assessment Program



This report highlights results from the Spring 2014 New England Common Assessment Program (NECAP) science tests. The NECAP tests are administered to students in New Hampshire, Rhode Island, and Vermont as part of each state's statewide assessment program.

NECAP science test results are used primarily for program evaluation, school improvement and public reporting. Achievement level results are used in the state accountability system required under No Child Left Behind (NCLB). More detailed school and district results are used by schools to help improve curriculum and instruction. Individual student results are used to support information gathered through classroom instruction and assessments.

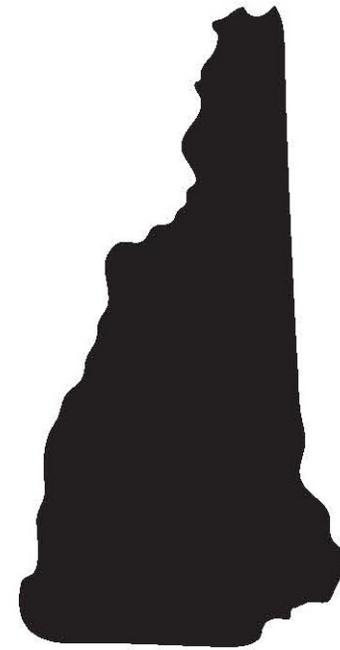
The NECAP science tests are administered to students in grades 4, 8, and 11. The tests are designed to measure student performance on standards developed and adopted by the three states. Specifically, the tests are designed to measure the content and skills that students are expected to have as they complete the K-4, 5-8, and 9-11 grade spans—in other words, the content and skills that students have learned through the end of the tested grade.

Each test contains a mix of multiple-choice and constructed-response

questions. Constructed-response questions require students to develop their own answers to questions. The science test also includes an inquiry session that requires students to answer questions based on results of an actual scientific investigation. This report contains a variety of school- and/or district-, and state-level assessment results for the NECAP

science tests administered at a grade level. Achievement level distributions and mean scaled scores are provided for all students tested as well as for subgroups of students classified by demographics or program participation. The report also contains comparative information on school and district performance on four specific science domains.

In addition to this report of grade level results, schools and districts will also receive Item Analysis Reports, released item support materials, and student-level data files containing NECAP results. Districts will also receive a Summary Report that will show results for all district schools. Together, these reports and data constitute a rich source of information to support local decisions in curriculum, instruction, assessment, and professional development. Over time, this information can also strengthen the school's and district's evaluation of their ongoing improvement efforts.



## Spring 2014 Grade 8 NECAP Science Test

## State Results

**State:** New Hampshire



# Spring 2014 - Grade 8 NECAP Science Test

## Grade Level Summary Report

State: New Hampshire

Schools and districts administered all NECAP tests to every enrolled student with the following exceptions: students who participated in the alternate assessment for the 2013-14 school year, students who withdrew from the school after May 5, 2014, students who enrolled in the school after

May 5, 2014, students for whom a special consideration was granted through the state Department of Education, and other students for reasons not approved. On this page, and throughout this report, results are only reported for groups of students that are larger than nine (9).

PARTICIPATION in NECAP	Number			Percentage		
	School	District	State	School	District	State
<b>Students enrolled on or after May 5</b>			<b>14,662</b>			<b>100</b>
	Science			Science		
<b>Students tested</b>			<b>14,414</b>			<b>98</b>
With an approved accommodation			2,016			14
Current LEP Students			255			2
With an approved accommodation			123			48
IEP Students			2,239			16
With an approved accommodation			1,491			67
<b>Students not tested in NECAP</b>			<b>248</b>			<b>2</b>
State Approved			152			61
Alternate Assessment			138			91
Withdrew After May 5			0			0
Enrolled After May 5			0			0
Special Consideration			14			9
Other			96			39

### NECAP RESULTS

	State																								
	Enrolled	NT Approved	NT Other	Tested	Level 4		Level 3		Level 2		Level 1		Mean Scaled Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled Score
	N	N	N	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>SCIENCE</b>	14,662	152	96	14,414	64	<1	3,516	24	7,981	55	2,853	20	835												

Level 4 = Proficient with Distinction; Level 3 = Proficient; Level 2 = Partially Proficient; Level 1 = Substantially Below Proficient

Note: Throughout this report, percentages may not total 100 since each percentage is rounded to the nearest whole number.

Note: Some numbers may have been left blank because fewer than ten (10) students were tested.



# Spring 2014 - Grade 8 NECAP Science Test

State: New Hampshire

## Science Results

### Proficient with Distinction (Level 4)

Students performing at this level demonstrate the knowledge and skills as described in the content standards for this grade span. Errors made by these students are few and minor and do not reflect gaps in knowledge and skills.

(Scaled Score 855–880)

### Proficient (Level 3)

Students performing at this level demonstrate the knowledge and skills as described in the content standards for this grade span with only minor gaps. It is likely that any gaps in knowledge and skills demonstrated by these students can be addressed by the classroom teacher during the course of classroom instruction.

(Scaled Score 840–854)

### Partially Proficient (Level 2)

Students performing at this level demonstrate gaps in knowledge and skills as described in the content standards for this grade span. Additional instructional support may be necessary for these students to achieve proficiency on the content standards.

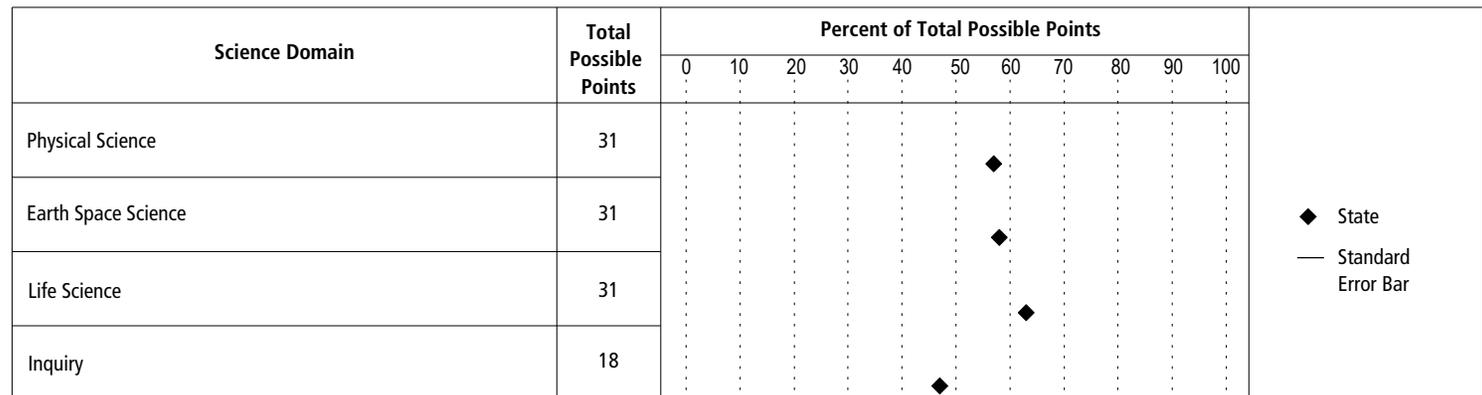
(Scaled Score 829–839)

### Substantially Below Proficient (Level 1)

Students performing at this level demonstrate extensive and significant gaps in knowledge and skills as described in the content standards for this grade span. Additional instructional support is necessary for these students to achieve proficiency on the content standards.

(Scaled Score 800–828)

	Enrolled	NT Approved	NT Other	Tested	Level 4		Level 3		Level 2		Level 1		Mean Scaled Score
	N	N	N	N	N	%	N	%	N	%	N	%	
<b>School</b>													
2011-12													
2012-13													
<b>2013-14</b>													
Cumulative Total													
<b>District</b>													
2011-12													
2012-13													
<b>2013-14</b>													
Cumulative Total													
<b>State</b>													
2011-12	15,117	151	88	14,878	142	1	4,578	31	7,340	49	2,818	19	836
2012-13	14,748	139	103	14,506	61	<1	4,440	31	7,306	50	2,699	19	835
<b>2013-14</b>	<b>14,662</b>	<b>152</b>	<b>96</b>	<b>14,414</b>	<b>64</b>	<b>&lt;1</b>	<b>3,516</b>	<b>24</b>	<b>7,981</b>	<b>55</b>	<b>2,853</b>	<b>20</b>	<b>835</b>
Cumulative Total	44,527	442	287	43,798	267	1	12,534	29	22,627	52	8,370	19	835





# Spring 2014 - Grade 8 NECAP Science Test

## Disaggregated Science Results

State: New Hampshire

REPORTING CATEGORIES	State																								
	Enrolled	NT Approved	NT Other	Tested	Level 4		Level 3		Level 2		Level 1		Mean Scaled Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled Score
	N	N	N	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
<b>All Students</b>	14,662	152	96	14,414	64	<1	3,516	24	7,981	55	2,853	20	835												
<b>Gender</b>																									
Male	7,737	93	63	7,581	24	<1	1,798	24	4,155	55	1,604	21	834												
Female	6,925	59	33	6,833	40	1	1,718	25	3,826	56	1,249	18	835												
Not Reported	0	0	0	0																					
<b>Race/Ethnicity</b>																									
Hispanic or Latino	669	9	12	648	1	<1	55	8	321	50	271	42	829												
Not Hispanic or Latino																									
American Indian or Alaskan Native	42	1	0	41	0	0	9	22	20	49	12	29	833												
Asian	407	4	1	402	3	1	141	35	202	50	56	14	837												
Black or African American	284	2	3	279	1	<1	22	8	132	47	124	44	828												
Native Hawaiian or Pacific Islander	10	0	0	10	0	0	1	10	7	70	2	20	833												
White	13,051	135	77	12,839	57	<1	3,243	25	7,192	56	2,347	18	835												
Two or more races	199	1	3	195	2	1	45	23	107	55	41	21	834												
No Race/Ethnicity Reported	0	0	0	0																					
<b>LEP Status</b>																									
Current LEP student	265	2	8	255	0	0	4	2	51	20	200	78	822												
Former LEP student - monitoring year 1	29	0	0	29	0	0	1	3	17	59	11	38	830												
Former LEP student - monitoring year 2	28	0	0	28	0	0	1	4	20	71	7	25	831												
All Other Students	14,340	150	88	14,102	64	<1	3,510	25	7,893	56	2,635	19	835												
<b>IEP</b>																									
Students with an IEP	2,423	142	42	2,239	0	0	79	4	894	40	1,266	57	827												
All Other Students	12,239	10	54	12,175	64	1	3,437	28	7,087	58	1,587	13	836												
<b>SES</b>																									
Economically Disadvantaged Students	4,028	60	51	3,917	5	<1	410	10	2,143	55	1,359	35	831												
All Other Students	10,634	92	45	10,497	59	1	3,106	30	5,838	56	1,494	14	836												
<b>Migrant</b>																									
Migrant Students	5	0	1	4																					
All Other Students	14,657	152	95	14,410	64	<1	3,516	24	7,981	55	2,849	20	835												

Level 4 = Proficient with Distinction; Level 3 = Proficient; Level 2 = Partially Proficient; Level 1 = Substantially Below Proficient

Note: Some numbers may have been left blank because fewer than ten (10) students were tested.