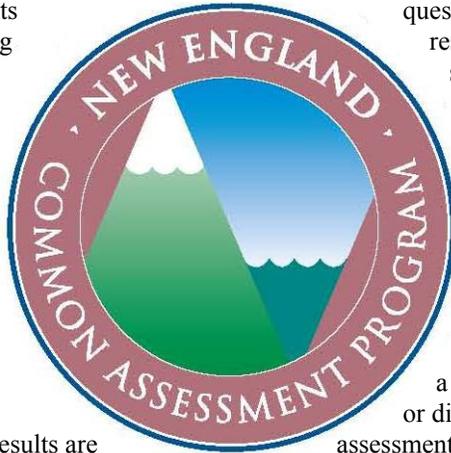


# About The New England Common Assessment Program



This report highlights results from the Spring 2015 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.

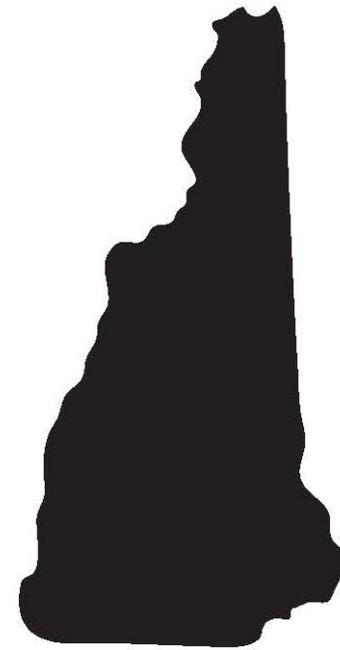
The NECAP science tests are administered to students in grades 4, 8, and 11. The tests are designed to measure student performance on standards developed and adopted by the three states. Specifically, the tests are designed to measure the content and skills that students are expected to have as they 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 2015 Grade 8 NECAP Science Test

## State Results

**State:** New Hampshire



# Spring 2015 - 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 2014-15 school year, students who withdrew from the school after May 4, 2015, students who enrolled in the school after

May 4, 2015, 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 4</b>			<b>13,772</b>			<b>100</b>
	Science			Science		
<b>Students tested</b>			<b>13,487</b>			<b>98</b>
With an approved accommodation			1,639			12
Current LEP Students			239			2
With an approved accommodation			87			36
IEP Students			1,985			15
With an approved accommodation			1,172			59
<b>Students not tested in NECAP</b>			<b>285</b>			<b>2</b>
State Approved			154			54
Alternate Assessment			136			88
Withdrew After May 4			0			0
Enrolled After May 4			0			0
Special Consideration			18			12
Other			131			46

### 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>	13,772	154	131	13,487	54	<1	3,285	24	7,166	53	2,982	22	834												

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 2015 - Grade 8 NECAP Science Test

State: New Hampshire

## Science Results

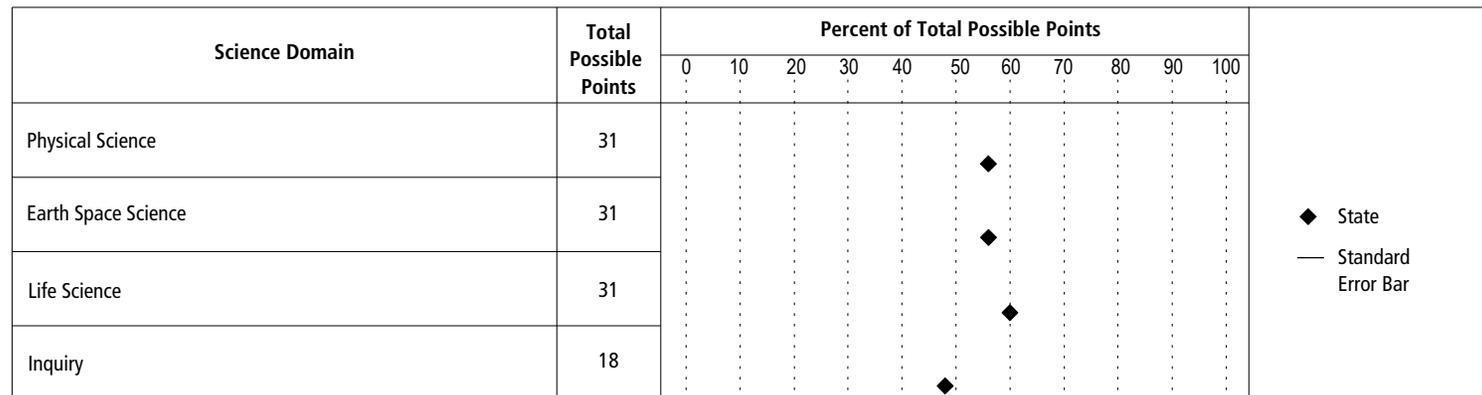
**Proficient with Distinction (Level 4)**  
 Students performing at this level demonstrate the knowledge and skills as described in the content standards for this grade span. Errors made by these students are few and minor and do not reflect gaps in knowledge and skills.  
**(Scaled Score 855–880)**

**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>													
2012-13													
2013-14													
<b>2014-15</b>													
Cumulative Total													
<b>District</b>													
2012-13													
2013-14													
<b>2014-15</b>													
Cumulative Total													
<b>State</b>													
2012-13	14,748	139	103	14,506	61	<1	4,440	31	7,306	50	2,699	19	835
2013-14	14,662	152	96	14,414	64	<1	3,516	24	7,981	55	2,853	20	835
<b>2014-15</b>	<b>13,772</b>	<b>154</b>	<b>131</b>	<b>13,487</b>	<b>54</b>	<b>&lt;1</b>	<b>3,285</b>	<b>24</b>	<b>7,166</b>	<b>53</b>	<b>2,982</b>	<b>22</b>	<b>834</b>
Cumulative Total	43,182	445	330	42,407	179	<1	11,241	27	22,453	53	8,534	20	835





# Spring 2015 - 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>	13,772	154	131	13,487	54	<1	3,285	24	7,166	53	2,982	22	834												
<b>Gender</b>																									
Male	7,139	94	73	6,972	26	<1	1,613	23	3,661	53	1,672	24	834												
Female	6,633	60	58	6,515	28	<1	1,672	26	3,505	54	1,310	20	835												
Not Reported	0	0	0	0																					
<b>Race/Ethnicity</b>																									
Hispanic or Latino	652	9	12	631	1	<1	76	12	266	42	288	46	829												
Not Hispanic or Latino																									
American Indian or Alaskan Native	33	0	0	33	0	0	4	12	17	52	12	36	831												
Asian	446	3	6	437	7	2	151	35	200	46	79	18	836												
Black or African American	271	0	3	268	0	0	26	10	113	42	129	48	829												
Native Hawaiian or Pacific Islander	12	0	0	12	0	0	3	25	5	42	4	33	832												
White	12,128	142	107	11,879	46	<1	2,970	25	6,447	54	2,416	20	835												
Two or more races	230	0	3	227	0	0	55	24	118	52	54	24	834												
No Race/Ethnicity Reported	0	0	0	0																					
<b>LEP Status</b>																									
Current LEP student	247	4	4	239	0	0	3	1	44	18	192	80	823												
Former LEP student - monitoring year 1	18	0	0	18	0	0	3	17	8	44	7	39	831												
Former LEP student - monitoring year 2	24	0	0	24	0	0	0	0	19	79	5	21	831												
All Other Students	13,483	150	127	13,206	54	<1	3,279	25	7,095	54	2,778	21	835												
<b>IEP</b>																									
Students with an IEP	2,185	141	59	1,985	0	0	66	3	715	36	1,204	61	826												
All Other Students	11,587	13	72	11,502	54	<1	3,219	28	6,451	56	1,778	15	836												
<b>SES</b>																									
Economically Disadvantaged Students	3,680	59	46	3,575	3	<1	385	11	1,827	51	1,360	38	830												
All Other Students	10,092	95	85	9,912	51	1	2,900	29	5,339	54	1,622	16	836												
<b>Migrant</b>																									
Migrant Students	3	0	0	3																					
All Other Students	13,769	154	131	13,484	54	<1	3,285	24	7,166	53	2,979	22	834												

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.