# 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.

ASSESSMENT 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 multiplechoice and constructed-response

questions. Constructedresponse 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.

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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 11 **NECAP Science Test**

### **State Results**

State: Rhode Island



### **Spring 2014 - Grade 11 NECAP Science Test**

## **Grade Level Summary Report**

State: Rhode Island

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).

Students tested With an approved accommodation  Current LEP Students With an approved accommodation  IEP Students With an approved accommodation  Students not tested in NECAP  State Approved Alternate Assessment Withdrew After May 5 Enrolled After May 5		Number		Percentage								
PARTICIPATION IN NECAP	School	District	State	School	District	State						
Students enrolled on or after May 5			10,320			100						
		Science		Science								
Students tested			9,700		-	94						
With an approved accommodation			1,066			11						
			353			4						
With an approved accommodation			94			27						
IEP Students			1,306			13						
			675			52						
Students not tested in NECAP			620			6						
			139			22						
			102			73						
l l			24			17						
=			1			1						
Special Consideration			12			9						
Other			481			78						

#### **NECAP RESULTS**

						State	e																		
	Enrolled	NT Approved	NT Other	Tested	Lev	el 4	Lev	Level 3		Level 2		Level 1		Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled	Tested	Level 4	Level 3	Level 2	Level 1	Mean Scaled
	N	N	N	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
SCIENCE	10,320	139	481	9,700	195	2	2,727	28	4,399	45	2,379	25	1135												

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 11 NECAP Science Test**

### **Science Results**

State: Rhode Island

#### **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 1152-1180)

#### 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 1140-1151)

#### **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 1130-1139)

#### **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 1100–1129)

	Enrolled	NT Approved	NT Other	Tested	Lev	el 4	Lev	el 3	Lev	el 2	Lev	el 1	Mean
	N	N	N	N	N	%	N	%	N	%	N	%	Scaled Score
School 2011-12 2012-13 2013-14 Cumulative Total													
District 2011-12 2012-13 2013-14 Cumulative Total													
State 2011-12 2012-13 2013-14 Cumulative Total	10,923 10,831 <b>10,320</b> 32,074	134 163 <b>139</b> 436	885 603 <b>481</b> 1,969	9,904 10,065 <b>9,700</b> 29,669	258 149 <b>195</b> 602	3 1 <b>2</b>	2,909 2,881 <b>2,727</b> 8,517	29 <b>28</b>	4,488 4,489 <b>4,399</b> 13,376	45 <b>45</b>	2,249 2,546 <b>2,379</b> 7,174	25 <b>25</b>	1135 1135 <b>1135</b> 1135

	Total													
Science Domain	Possible Points	0	10	20	30	40	50	60	70	80	90	100		
Physical Science	31						<b>•</b>							
Earth Space Science	31		:				•						◆ State	
Life Science	31		1				•			1			Standard Error Bar	
Inquiry	18					•								



### **Spring 2014 - Grade 11 NECAP Science Test**

## **Disaggregated Science Results**

State: Rhode Island

DEDODTING	State																						,		
REPORTING CATEGORIES	Enrolled	NT Approved	NT Other	Tested	Lev	el 4	Leve	el 3	Lev	el 2	Level 1		Mean	Tested	Level 4	Level 3	Level 2	Level 1	Mean	Tested	Level 4	Level	Level 2	Level	iviea
CATEGORIES	N	N	N	N	N	: %	N	: %	N	%	N	%	Scaled Score	N	%	%	: : %	%	Scaled Score	N	%		: %	%	Scale Score
All Students	10,320	139	481	9,700	195	2	2,727		4,399		2,379		1135	"	,,,	,,,	. 70	,,,			- 70	. /	- 70	. 70	
, iii stadeires	10,320	139	401	3,700	193		2,727	. 20	4,333	45	2,379	23	1133									1		1	
						:												  - 						1	
Gender									1 :													1	:		
Male	5,198	89	268	4,841	104	2	1,338	28	2,117	44	1,282	26	1135									1	1		
Female	5,122	50	213	4,859	91	. 2	1,389	29	2,282	47	1,097	23	1135									1	;	:	
Not Reported	0	0	0	0		-	',		-,		1,722			İ				! !						1	
Daniel (Faloricia)																						i I	1	1	
Race/Ethnicity																						ì	:	1	
Hispanic or Latino	2,139	28	161	1,950	6	; <1	234	12	847	43	863	44	1130									1		1 1	
Not Hispanic or Latino									-														i	i	
American Indian or Alaskan Native	69	1	4	64	0	. 0	11	17	27	42	26	41	1132									1	1		
Asian	311	0	11	300	7		101		139	46	53	18	1137					! !				1	1	1	
Black or African American				i		; 2		34					i	l						l		1	1	1	
	875	10	80	785	2	; <1	91	12	344	44	348	44	1130					· ·				1	;		
Native Hawaiian or Pacific Islander	43	0	2	41	0	; 0	11	27	24 ;	59	6	15	1135									1	1		
White	6,603	96	213	6,294	178	. 3	2,220	35	2,884	46	1,012	16	1137				:						;		
Two or more races	265	2	9	254	2	1	59	23	129	51	64	25	1134	İ							İ	1	1		İ
No Race/Ethnicity Reported	15	2	1	12	0	. 0	0	0	5	42	7	58	1124	İ											
						:											:					:		:	
LEP Status									1 :													1	;		
Current LEP student	382	3	26	353	0	: 0	0	0	65	18	288	82	1123				:						:		
Former LEP student - monitoring year 1	60	1	2	57	0	. 0	9	16	32	56	16	28	1132				:					1	;	:	
Former LEP student - monitoring year 2	35	0	2	33	0	. 0	1	3	21	64	11	33	1130									1			
All Other Students	9,843	135	451	9,257	195	. 2	2,717	29	4,281	46	2,064		1135											1	
							'							İ				! !					-		
IEP									1 :														1		
Students with an IEP	1,586	111	169	1,306	2	<1	53	4	436	33	815	62	1126									1	1		
All Other Students	8,734	28	312	8,394	193	2	2,674	32	3,963		1,564	19	1136	İ			:	! !					:	1	
SES									:									· ·				1		1	
						i			1		1			1			i						i		
Economically Disadvantaged Students	4,357	67	300	3,990	16	; <1	597	15	1,855	46	1,522		1131				:					1	1	1	
All Other Students	5,963	72	181	5,710	179	3	2,130	37	2,544	45	857	15	1138									1	1		
Migrant						i																			
Migrant Students	0	0	0	0					1 :		1 :			l						l		1	1	1	
All Other Students					4.0-				4.200		1 2 2 2 2	2-	4435				i					i	i	i	
All Other Students	10,320	139	481	9,700	195	2	2,727	28	4,399	45	2,379	25	1135					! !						1	
Title I						:																1		1	
Students Receiving Title I Services	2,756	28	199	2,529	7	<1	307	12	1,104	44	1,111	44	1130	l						l		1			
All Other Students	7,564	111	282	7,171	188	3	2,420		3,295		1,268		1137				:	! !				1		1	
				,			'											! !				1	1	1	
504 Plan						1											:					1	1	1	
Students with a 504 Plan	312	4	18	290	5	; 2	96	33	138	48	51		1136									1		1	
All Other Students	10,008	135	463	9,410	190	2	2,631	28	4,261	45	2,328	25	1135		1										