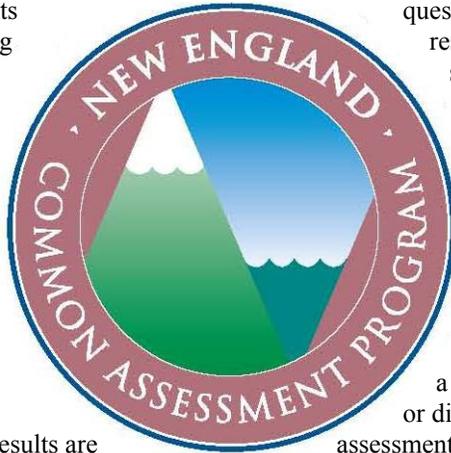


About The New England Common Assessment Program



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.

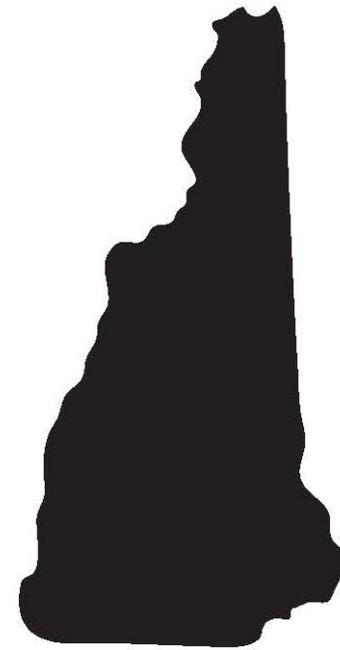
The NECAP science tests are administered to students in grades 4, 8, and 11. The tests are designed to measure student performance on standards developed and adopted by the three states. Specifically, the tests are designed to measure the content and skills that students are expected to have as they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

State Results

State: New Hampshire



Spring 2014 - Grade 4 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 |
| Students enrolled on or after May 5 | | | 13,948 | | | 100 |
| | Science | | | Science | | |
| Students tested | | | 13,799 | | | 99 |
| With an approved accommodation | | | 2,978 | | | 22 |
| Current LEP Students | | | 282 | | | 2 |
| With an approved accommodation | | | 150 | | | 53 |
| IEP Students | | | 2,078 | | | 15 |
| With an approved accommodation | | | 1,584 | | | 76 |
| Students not tested in NECAP | | | 149 | | | 1 |
| State Approved | | | 102 | | | 68 |
| Alternate Assessment | | | 97 | | | 95 |
| Withdrew After May 5 | | | 0 | | | 0 |
| Enrolled After May 5 | | | 0 | | | 0 |
| Special Consideration | | | 5 | | | 5 |
| Other | | | 47 | | | 32 |

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 | % | % | % | % | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCIENCE | 13,948 | 102 | 47 | 13,799 | 84 | 1 | 6,238 | 45 | 6,055 | 44 | 1,422 | 10 | 439 | | | | | | | | | | | | |

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 4 NECAP Science Test

State: New Hampshire

Science Results

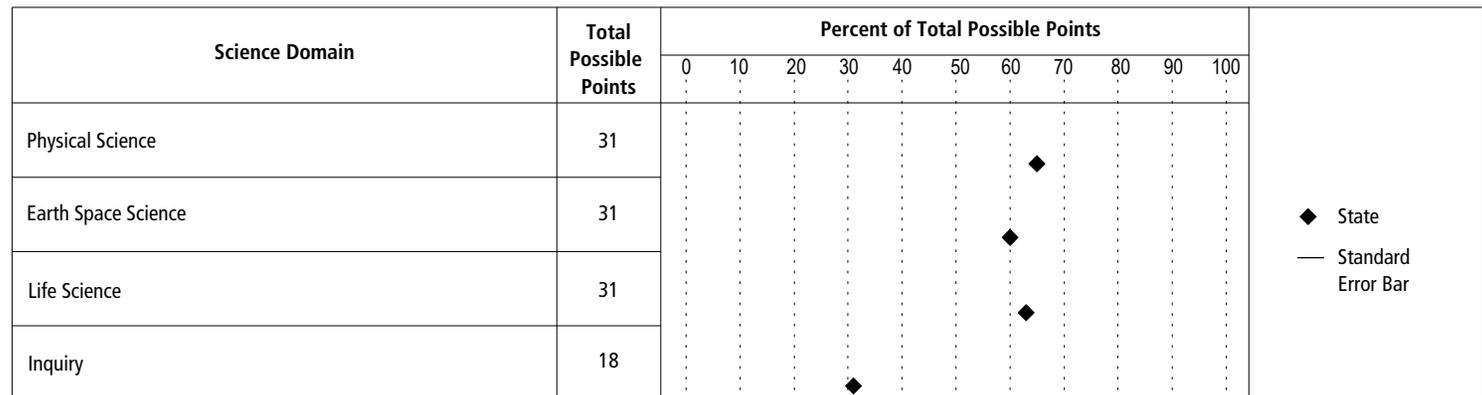
Proficient with Distinction (Level 4)
 Students performing at this level demonstrate the knowledge and skills as described in the content standards for this grade span. Errors made by these students are few and minor and do not reflect gaps in knowledge and skills.
(Scaled Score 463–480)

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 440–462)

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 427–439)

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 400–426)

| | 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 | % | |
| School | | | | | | | | | | | | | |
| 2011-12 | | | | | | | | | | | | | |
| 2012-13 | | | | | | | | | | | | | |
| 2013-14 | | | | | | | | | | | | | |
| Cumulative Total | | | | | | | | | | | | | |
| District | | | | | | | | | | | | | |
| 2011-12 | | | | | | | | | | | | | |
| 2012-13 | | | | | | | | | | | | | |
| 2013-14 | | | | | | | | | | | | | |
| Cumulative Total | | | | | | | | | | | | | |
| State | | | | | | | | | | | | | |
| 2011-12 | 14,234 | 158 | 23 | 14,053 | 147 | 1 | 7,261 | 52 | 5,235 | 37 | 1,410 | 10 | 440 |
| 2012-13 | 13,919 | 165 | 26 | 13,728 | 93 | 1 | 6,855 | 50 | 5,416 | 39 | 1,364 | 10 | 440 |
| 2013-14 | 13,948 | 102 | 47 | 13,799 | 84 | 1 | 6,238 | 45 | 6,055 | 44 | 1,422 | 10 | 439 |
| Cumulative Total | 42,101 | 425 | 96 | 41,580 | 324 | 1 | 20,354 | 49 | 16,706 | 40 | 4,196 | 10 | 440 |





Spring 2014 - Grade 4 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 | % | | N | % | % | % | % | | N | % | % | % | % | | |
| All Students | 13,948 | 102 | 47 | 13,799 | 84 | 1 | 6,238 | 45 | 6,055 | 44 | 1,422 | 10 | 439 | | | | | | | | | | | | | |
| Gender | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Male | 7,010 | 52 | 27 | 6,931 | 31 | <1 | 3,016 | 44 | 3,102 | 45 | 782 | 11 | 438 | | | | | | | | | | | | | |
| Female | 6,937 | 50 | 20 | 6,867 | 53 | 1 | 3,222 | 47 | 2,952 | 43 | 640 | 9 | 440 | | | | | | | | | | | | | |
| Not Reported | 1 | 0 | 0 | 1 | | | | | | | | | | | | | | | | | | | | | | |
| Race/Ethnicity | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hispanic or Latino | 736 | 2 | 2 | 732 | 3 | <1 | 197 | 27 | 367 | 50 | 165 | 23 | 434 | | | | | | | | | | | | | |
| Not Hispanic or Latino | | | | | | | | | | | | | | | | | | | | | | | | | | |
| American Indian or Alaskan Native | 46 | 1 | 0 | 45 | 0 | 0 | 16 | 36 | 22 | 49 | 7 | 16 | 436 | | | | | | | | | | | | | |
| Asian | 461 | 4 | 1 | 456 | 14 | 3 | 231 | 51 | 160 | 35 | 51 | 11 | 441 | | | | | | | | | | | | | |
| Black or African American | 251 | 3 | 4 | 244 | 1 | <1 | 59 | 24 | 110 | 45 | 74 | 30 | 433 | | | | | | | | | | | | | |
| Native Hawaiian or Pacific Islander | 15 | 0 | 1 | 14 | 0 | 0 | 8 | 57 | 5 | 36 | 1 | 7 | 441 | | | | | | | | | | | | | |
| White | 12,147 | 90 | 39 | 12,018 | 64 | 1 | 5,629 | 47 | 5,243 | 44 | 1,082 | 9 | 439 | | | | | | | | | | | | | |
| Two or more races | 291 | 2 | 0 | 289 | 2 | 1 | 98 | 34 | 147 | 51 | 42 | 15 | 437 | | | | | | | | | | | | | |
| No Race/Ethnicity Reported | 1 | 0 | 0 | 1 | | | | | | | | | | | | | | | | | | | | | | |
| LEP Status | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current LEP student | 286 | 2 | 2 | 282 | 0 | 0 | 33 | 12 | 116 | 41 | 133 | 47 | 428 | | | | | | | | | | | | | |
| Former LEP student - monitoring year 1 | 234 | 0 | 1 | 233 | 0 | 0 | 53 | 23 | 135 | 58 | 45 | 19 | 434 | | | | | | | | | | | | | |
| Former LEP student - monitoring year 2 | 37 | 0 | 0 | 37 | 0 | 0 | 19 | 51 | 16 | 43 | 2 | 5 | 441 | | | | | | | | | | | | | |
| All Other Students | 13,391 | 100 | 44 | 13,247 | 84 | 1 | 6,133 | 46 | 5,788 | 44 | 1,242 | 9 | 439 | | | | | | | | | | | | | |
| IEP | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Students with an IEP | 2,204 | 102 | 24 | 2,078 | 2 | <1 | 427 | 21 | 1,063 | 51 | 586 | 28 | 432 | | | | | | | | | | | | | |
| All Other Students | 11,744 | 0 | 23 | 11,721 | 82 | 1 | 5,811 | 50 | 4,992 | 43 | 836 | 7 | 440 | | | | | | | | | | | | | |
| SES | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Economically Disadvantaged Students | 4,069 | 45 | 23 | 4,001 | 6 | <1 | 1,056 | 26 | 2,163 | 54 | 776 | 19 | 435 | | | | | | | | | | | | | |
| All Other Students | 9,879 | 57 | 24 | 9,798 | 78 | 1 | 5,182 | 53 | 3,892 | 40 | 646 | 7 | 441 | | | | | | | | | | | | | |
| Migrant | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Migrant Students | 4 | 0 | 0 | 4 | | | | | | | | | | | | | | | | | | | | | | |
| All Other Students | 13,944 | 102 | 47 | 13,795 | 84 | 1 | 6,238 | 45 | 6,054 | 44 | 1,419 | 10 | 439 | | | | | | | | | | | | | |

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.