



Goal Summary  
Reports

Beginning with the 2023-24 school year, data Goal Summary Reports for reading and mathematics end-of-grade assessments are no longer available. Goal Summary Reports for 2023-24 in grades 5 and 8 science and end-of-course assessments are available on the pages that follow.

**Table 2. 2023–24 End-of-Grade General Test Results  
Statewide Goal Summary Report  
Science Grade 5**

|                                              | Scale<br>Score Mean | Number of<br>Observations | Percent<br>of 60<br>Items | Weighted<br>Mean Percent<br>Correct <sup>1</sup> |
|----------------------------------------------|---------------------|---------------------------|---------------------------|--------------------------------------------------|
| <b>SCIENCE</b>                               | <b>251.9</b>        | <b>114,235</b>            | <b>100.0%</b>             |                                                  |
| <b>Physical Science:</b>                     |                     |                           | 36-42 %                   | 66.2                                             |
| Forces and Motion                            |                     |                           | 13-15 %                   | 68.3                                             |
| Matter: Properties and Change                |                     |                           | 12-14 %                   | 63.1                                             |
| Energy: Conservation and Transfer            |                     |                           | 11-13 %                   | 66.9                                             |
| <b>Earth Science:</b>                        |                     |                           |                           |                                                  |
| Earth Systems, Structures, and Processes     |                     |                           | 15-17 %                   | 53.0                                             |
| <b>Life Science:</b>                         |                     |                           |                           |                                                  |
| Structures and Functions of Living Organisms |                     |                           | 41-47 %<br>14-16 %        | 69.6<br>68.0                                     |
| Ecosystems                                   |                     |                           | 14-16 %                   | 69.0                                             |
| Evolution and Genetics                       |                     |                           | 13-15 %                   | 71.9                                             |

<sup>1</sup>“Percent Correct” is the number of correct responses to an item divided by the number of students who took that item summed over all items for a goal or objective divided by the number of items for that goal or objective. As not all forms are taken by the same numbers of students, the weighted mean scores take into account not only the percent of items correct but also the numbers of students taking those forms.

Notes: Data received from Public School Units after October 3, 2024 are not included in this table.  
Prepared by the North Carolina Department of Public Instruction–Office of Accountability and Testing.

**Table 2a. 2023–24 End-of-Grade General Test Results  
Statewide Goal Summary Report  
Science Grade 8**

|                                              | Scale<br>Score Mean | Number of<br>Observations | Percent<br>of 60<br>Items | Weighted<br>Mean Percent<br>Correct <sup>1</sup> |
|----------------------------------------------|---------------------|---------------------------|---------------------------|--------------------------------------------------|
| <b>SCIENCE</b>                               | <b>250.8</b>        | <b>116,610</b>            | <b>100.0%</b>             |                                                  |
| <b>Physical Science:</b>                     |                     |                           | 24-28 %                   | 57.6                                             |
| Matter: Properties and Change                |                     |                           | 14-16 %                   | 56.9                                             |
| Energy: Conservation and Transfer            |                     |                           | 10-12 %                   | 58.6                                             |
| <b>Earth Science:</b>                        |                     |                           | 24-28 %                   | 56.9                                             |
| Earth Systems, Structures, and Processes     |                     |                           | 13-15 %                   | 56.1                                             |
| Earth History                                |                     |                           | 11-13 %                   | 57.8                                             |
| <b>Life Science:</b>                         |                     |                           | 47-57 %                   | 66.0                                             |
| Structures and Functions of Living Organisms |                     |                           | 19-23 %                   | 68.0                                             |
| Ecosystems                                   |                     |                           | 9-11 %                    | 63.7                                             |
| Evolution and Genetics                       |                     |                           | 11-13 %                   | 71.0                                             |
| Molecular Biology                            |                     |                           | 8-10 %                    | 56.7                                             |

<sup>1</sup>“Percent Correct” is the number of correct responses to an item divided by the number of students who took that item summed over all items for a goal or objective divided by the number of items for that goal or objective. As not all forms are taken by the same numbers of students, the weighted mean scores take into account not only the percent of items correct but also the numbers of students taking those forms.

Notes: Data received from Public School Units after October 3, 2024 are not included in this table.

Prepared by the North Carolina Department of Public Instruction-Office of Accountability and Testing.

**Table 3. 2023–24 End-of-Course General Test Results  
Statewide Goal Summary Report  
Biology**

|                                                    | <b>Scale<br/>Score<br/>Mean</b> | <b>Number of<br/>Observations</b> | <b>Percent<br/>of 60<br/>Items</b> | <b>Mean<br/>Percent<br/>Correct<sup>1</sup></b> |
|----------------------------------------------------|---------------------------------|-----------------------------------|------------------------------------|-------------------------------------------------|
| <b>BIOLOGY</b>                                     | <b>249.5</b>                    | <b>118,880</b>                    | <b>100.0%</b>                      |                                                 |
| GOAL 1: Structure and Function of Living Organisms |                                 |                                   | 18-22%                             | 57.3                                            |
| GOAL 2: Ecosystems                                 |                                 |                                   | 18-22%                             | 68.2                                            |
| GOAL 3: Evolution and Genetics                     |                                 |                                   | 43-53%                             | 64.5                                            |
| GOAL 4: Molecular Biology                          |                                 |                                   | 15-19%                             | 59.9                                            |

---

<sup>1</sup>“Percent Correct” is the number of correct responses to an item divided by the number of students who took that item summed over all items for a goal or objective divided by the number of items for that goal or objective. As not all forms are taken by the same numbers of students, the weighted mean scores take into account not only the percent of items correct but also the numbers of students taking those forms.

Notes: Data received from Public School Units after October 3, 2024 are not included in this table.

Prepared by the North Carolina Department of Public Instruction-Office of Accountability and Testing.

**Table 3a. 2023–24 End-of-Course General Test Results  
Statewide Goal Summary Report  
English II**

|                                            | <b>Scale Score<br/>Mean</b> | <b>Number of<br/>Observations</b> | <b>Percent<br/>of 55/56<br/>Items</b> | <b>Mean<br/>Percent<br/>Correct<sup>1</sup></b> |
|--------------------------------------------|-----------------------------|-----------------------------------|---------------------------------------|-------------------------------------------------|
| <b>ENGLISH II</b>                          | <b>550.3</b>                | <b>123,560</b>                    | <b>100.0%</b>                         |                                                 |
| English Language Arts Concepts<br>Language |                             |                                   | 9-13%                                 | 65.3                                            |
| Reading for Literature                     |                             |                                   | 35-39%                                | 56.5                                            |
| Reading for Information                    |                             |                                   | 42-46%                                | 52.6                                            |

<sup>1</sup>“Percent Correct” is the number of correct responses to an item divided by the number of students who took that item summed over all items for a goal or objective divided by the number of items for that goal or objective. As not all forms are taken by the same numbers of students, the weighted mean scores take into account not only the percent of items correct but also the numbers of students taking those forms.

Notes: Data received from Public School Units after October 3, 2024 are not included in this table.

Prepared by the North Carolina Department of Public Instruction-Office of Accountability and Testing.

**Table 3b. 2023–24 End-of-Course General Test Results  
Statewide Goal Summary Report  
NC Math 1**

|                                 | <b>Scale<br/>Score<br/>Mean</b> | <b>Number of<br/>Observations</b> | <b>Percent<br/>of 49<br/>Items</b> | <b>Weighted<br/>Mean Percent<br/>Correct<sup>1</sup></b> |
|---------------------------------|---------------------------------|-----------------------------------|------------------------------------|----------------------------------------------------------|
| <b>MATH 1</b>                   | <b>547.7</b>                    | <b>128,964</b>                    | <b>100.0%</b>                      |                                                          |
| Calculator Inactive             |                                 |                                   | 30.6%                              | 46.3                                                     |
| Gridded Response Items          |                                 |                                   | 20.4%                              | 36.6                                                     |
| Calculator Active               |                                 |                                   | 69.4%                              | 44.1                                                     |
| Mathematical Domains            |                                 |                                   |                                    |                                                          |
| Number and Quantity and Algebra |                                 |                                   | 36-40%                             | 43.4                                                     |
| Functions                       |                                 |                                   | 32-36%                             | 46.1                                                     |
| Geometry                        |                                 |                                   | 8-12%                              | 36.4                                                     |
| Statistics and Probability      |                                 |                                   | 18-20%                             | 49.5                                                     |

<sup>1</sup>“Percent Correct” is the number of correct responses to an item divided by the number of students who took that item summed over all items for a goal or objective divided by the number of items for that goal or objective. As not all forms are taken by the same numbers of students, the weighted mean scores take into account not only the percent of items correct but also the numbers of students taking those forms.

Notes: Data received from Public School Units after October 3, 2024 are not included in this table.

Prepared by the North Carolina Department of Public Instruction–Office of Accountability and Testing.

**Table 3c. 2023–24 End-of-Course General Test Results  
Statewide Goal Summary Report  
NC Math 3**

|                                    | <b>Scale<br/>Score<br/>Mean</b> | <b>Number of<br/>Observations</b> | <b>Percent<br/>of 49<br/>Items</b> | <b>Weighted<br/>Mean Percent<br/>Correct<sup>1</sup></b> |
|------------------------------------|---------------------------------|-----------------------------------|------------------------------------|----------------------------------------------------------|
| <b>MATH 3</b>                      | <b>551.1</b>                    | <b>113,804</b>                    | <b>100.0%</b>                      |                                                          |
| Calculator Active Gridded Response |                                 |                                   | 22.0%                              | 34.1                                                     |
| Mathematical Domains               |                                 |                                   |                                    |                                                          |
| Number and Quantity and Algebra    |                                 |                                   | 32-36%                             | 48.0                                                     |
| Functions                          |                                 |                                   | 32-36%                             | 43.1                                                     |
| Geometry                           |                                 |                                   | 20-24%                             | 38.0                                                     |
| Statistics and Probability         |                                 |                                   | 8-12%                              | 49.3                                                     |

<sup>1</sup>“Percent Correct” is the number of correct responses to an item divided by the number of students who took that item summed over all items for a goal or objective divided by the number of items for that goal or objective. As not all forms are taken by the same numbers of students, the weighted mean scores take into account not only the percent of items correct but also the numbers of students taking those forms.

Notes: Data received from Public School Units after October 3, 2024 are not included in this table.

Prepared by the North Carolina Department of Public Instruction-Office of Accountability and Testing.