



Goal Summary Reports

**Table 1. 2014–15 End-of-Grade General Test Results
Statewide Goal Summary Report
Grade 3**

	Developmental Scale Score Mean	Number of Observations	Percent of 44 Items	Weighted Mean Percent Correct¹
ENGLISH LANGUAGE ARTS/READING	439.6	116,376	100.0 %	
English Language Arts Concepts Language			22.0 %	71.9
Reading: Literature			34.9%	77.0
Reading: Informational Text			43.2 %	69.3
=====				
MATHEMATICS	450.0	116,404	100.0 %	
Calculator Inactive			50.0 %	60.5
Calculator Active			50.0 %	65.6
Mathematics Domains				
Operations and Algebraic Thinking			31.9 %	64.6
Numbers and Operations in Base 10			9.1 %	61.8
Numbers and Operations-Fractions			22.7 %	64.3
Measurement and Data			25.0 %	54.5
Geometry			11.4 %	75.9

¹“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 local education agencies, charter schools, and the regional school after October 28, 2015 are not included in this table.

Prepared by the NCDPI Division of Accountability Services/North Carolina Testing Program.

**Table 1a. 2014–15 End-of-Grade General Test Results
Statewide Goal Summary Report
Grade 4**

	Developmental Scale Score Mean	Number of Observations	Percent of 43/44 Items	Weighted Mean Percent Correct¹
ENGLISH LANGUAGE ARTS/READING	445.8	113,959	100.0 %	
English Language Arts Concepts				
Language			19.1 %	76.5
Reading: Literature			32.1%	72.0
Reading: Informational Text			48.9 %	70.6
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MATHEMATICS	449.7	113,968	100.0 %	
Calculator Inactive			50.0 %	55.6
Calculator Active			50.0 %	60.1
Mathematics Domains				
Operations and Algebraic Thinking			15.9 %	56.2
Numbers and Operations in Base 10			25.0 %	61.7
Numbers and Operations-Fractions			29.6 %	56.9
Measurement and Data			15.9 %	52.0
Geometry			13.6 %	61.9

¹“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.

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**Table 1b. 2014–15 End-of-Grade General Test Results
Statewide Goal Summary Report
Grade 5**

	Developmental Scale Score Mean	Number of Observations	Percent of 43/44 Items	Weighted Mean Percent Correct¹
ENGLISH LANGUAGE ARTS/READING	449.5	106,589	100.0 %	
English Language Arts Concepts Language			15.3 %	69.5
Reading: Literature			42.7%	67.9
Reading: Informational Text			42.0 %	67.0
=====				
MATHEMATICS	450.3	106,611	100.0 %	
Calculator Inactive			50.0 %	55.2
Gridded Response Items			13.6 %	46.4
Calculator Active			50.0 %	59.6
Mathematics Domains				
Operations and Algebraic Thinking			6.8 %	59.4
Numbers and Operations in Base 10			25.0 %	58.8
Numbers and Operations-Fractions			50.0 %	56.8
Measurement and Data			13.6 %	58.3
Geometry			4.6 %	49.9

¹“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.

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**Table 1c. 2014–15 End-of-Grade General Test Results
Statewide Goal Summary Report
Grade 6**

	Developmental Scale Scale Mean	Number of Observations	Percent of 48 Items	Weighted Mean Percent Correct¹
ENGLISH LANGUAGE ARTS/READING	452.0	114,459	100.0 %	
English Language Arts Concepts Language			18.1%	72.8
Reading: Literature			38.2%	67.7
Reading: Informational Text			43.8%	63.8
=====				
MATHEMATICS	449.8	114,473	(50 Items) 100.0 %	
Calculator Inactive			30.0%	45.4
Gridded Response Items			18.0%	37.6
Calculator Active			70.0%	53.3
Mathematics Domains				
Ratios and Proportional Relationships			14.0%	53.8
The Number System			30.0%	51.0
Expressions and Equations			30.0%	48.0
Geometry			16.0%	52.2
Statistics and Probability			10.0%	53.5

¹“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.

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**Table 1d. 2014–15 End-of-Grade General Test Results
Statewide Goal Summary Report
Grade 7**

	Developmental Scale Scale Mean	Number of Observations	Percent of 48 Items	Weighted Mean Percent Correct¹
ENGLISH LANGUAGE ARTS/READING	454.8	114,661	100.0 %	
English Language Arts Concepts Language			22.2%	68.5
Reading: Literature			34.0%	71.0
Reading: Informational Text			43.8%	60.1
<hr/>				
MATHEMATICS	449.7	114,662	(50 Items) 100.0 %	
Calculator Inactive			30.0%	43.7
Gridded Response Items			18.0%	33.5
Calculator Active			70.0%	51.5
Mathematics Domains				
Ratios and Proportional Relationships			26.0%	52.7
The Number System			10.0%	30.0
Expressions and Equations			26.0%	53.4
Geometry			24.0%	44.5
Statistics and Probability			14.0%	56.2

¹“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.

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**Table 1e. 2014–15 End-of-Grade General Test Results
Statewide Goal Summary Report
Grade 8**

	Developmental Scale Score Mean	Number of Observations	Percent of 48 Items	Weighted Mean Percent Correct¹
ENGLISH LANGUAGE ARTS/READING	458.1	116,751	100.0 %	
English Language Arts Concepts Language			20.3%	68.6
Reading: Literature			33.6%	65.1
Reading: Informational Text			46.2%	60.6
<hr/>				
MATHEMATICS	449.7	116,739	(50 Items) 100.0 %	
Calculator Inactive			30.0%	40.9
Gridded Response Items			18.0%	29.7
Calculator Active			70.0%	53.3
Mathematics Domains				
Functions			24.0%	50.8
The Number System			6.0%	26.6
Expressions and Equations			32.0%	48.4
Geometry			22.0%	56.7
Statistics and Probability			16.0%	49.2

¹“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.

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**Table 2. 2014–15 End-of-Grade General Test Results
Statewide Goal Summary Report
Science Grade 5**

	Scale Score Mean	Number of Observations	Percent of 60 Items	Weighted Mean Percent Correct¹
SCIENCE	251.9	106,607	100.0%	
Physical Science:			36.9%	66.5
Forces and Motion			13.3%	72.2
Matter: Properties and Change			14.7%	69.7
Energy: Conservation and Transfer			8.9%	53.2
Earth Science:				
Earth Systems, Structures, and Processes			17.8%	49.5
Life Science:			45.4%	69.2
Structures and Functions of Living Organisms			15.6%	63.7
Ecosystems			16.7%	67.7
Evolution and Genetics			13.1%	78.8

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**Table 2a. 2014–15 End-of-Grade General Test Results
Statewide Goal Summary Report
Science Grade 8**

	Scale Score Mean	Number of Observations	Percent of 60 Items	Weighted Mean Percent Correct ¹
SCIENCE	250.9	116,642	100.0%	
Physical Science:			26.7%	54.4
Matter: Properties and Change			16.7%	55.9
Energy: Conservation and Transfer			10.0%	52.6
Earth Science:			25.0%	57.8
Earth Systems, Structures, and Processes			13.3%	61.3
Earth History			11.7%	53.9
Life Science:			48.3%	63.4
Structures and Functions of Living Organisms			17.2%	66.2
Ecosystems			11.1%	64.3
Evolution and Genetics			13.3%	64.3
Molecular Biology			6.7%	52.7

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¹“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.

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**Table 3. 2014–15 End-of-Course General Test Results
Statewide Goal Summary Report
Biology**

	Scale Score Mean	Number of Observations	Percent of 60 Items	Mean Percent Correct¹
BIOLOGY	250.1	111,316	100.0%	
GOAL 1: Structure and Function of Living Organisms			20.1%	58.8
GOAL 2: Ecosystems			20.1%	69.0
GOAL 3: Evolution and Genetics			45.3%	67.4
GOAL 4: Molecular Biology			14.5%	57.8

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¹“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.

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Table 3a. 2014–15 End-of-Course General Test Results
Statewide Goal Summary Report
English II

	Scale Score Mean	Number of Observations	Percent of 55/56 Items	Mean Percent Correct ¹
ENGLISH II	149.8	114,680	100.0%	
Conceptual Categories				
Language			17.4%	57.1
Reading: Literature			38.3%	62.4
Reading: Informational Text			44.3%	61.4

¹“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.

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**Table 3b. 2014–15 End-of-Course General Test Results
Statewide Goal Summary Report
Math I**

	Scale Score Mean	Number of Observations	Percent of 49 Items	Weighted Mean Percent Correct¹
MATH I	250.2	118,802	100.0%	
Calculator Inactive			30.6%	34.2
Gridded Response Items			20.4%	28.3
Calculator Active			69.4%	50.7
Conceptual Categories				
Algebra			30.6%	47.3
Functions			37.7%	43.9
Geometry			10.2%	50.2
Number and Quantity			6.1%	31.0
Statistics and Probability			15.3%	49.3

¹“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.

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