

**Table 1. 2011-12 End-of-Grade General Test
Grade 3 Goal Statewide Summary Report**

	Developmental Scale Score Mean	Number of Observations	Percent of 50 Items	Weighted Mean Percent Correct*
READING	340.6	112,025	100.0 %	
Goal 2: Apply strategies and skills to comprehend text that is read, heard, and viewed			69.0 %	68.7
Goal 3: Make connections through the use of oral language, written language, and media and technology			24.3 %	70.0
Literary Reading			58.7 %	70.5
Informational Reading			41.3 %	67.8
MATHEMATICS	346.0	112,595	100.0 %	
Goal 1: Model, identify, and compute with whole numbers through 9,999			38.0 %	65.2
Goal 2: Recognize and use standard units of metric and customary measurement			12.0 %	64.3
Goal 3: Recognize and use basic geometric properties of two- and three-dimensional figures			14.0 %	69.4
Goal 4: Understand and use data and simple probability concepts			14.0 %	64.3
Goal 5: Recognize, determine, and represent patterns and simple mathematical relationships			22.0 %	63.5

NUMBER OF STUDENTS	C	F	V
Taking Form	37,770	37,570	37,683

Notes: *"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. End-of-grade retest data are not included in this table. See Appendix A for student proficiency with retest scores included.

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Prepared by the NCDPI Division of Accountability Services/Test Development Section.

**Table 1a. 2011-12 End-of-Grade General Test
Grade 4 Goal Statewide Summary Report**

	Developmental Scale Score Mean	Number of Observations	Percent of 50 Items	Weighted Mean Percent Correct*
READING	346.5	110,362	100.0 %	
Goal 2: Apply strategies and skills to comprehend text that is read, heard, and viewed			66.0 %	70.3
Goal 3: Make connections through the use of oral language, written language, and media and technology			29.3 %	66.9
Literary Reading			58.0 %	69.3
Informational Reading			42.0 %	68.4
=====				
MATHEMATICS	352.7	111,210	100.0 %	
Goal 1: Read, write, model, and compute with non-negative rational numbers			36.0 %	67.2
Goal 2: Understand and use perimeter and area			12.0 %	61.5
Goal 3: Recognize and use geometric properties and relationships			12.0 %	73.1
Goal 4: Understand and use graphs, probability, and data analysis			16.0 %	76.3
Goal 5: Demonstrate an understanding of mathematical relationships			24.0 %	63.6

NUMBER OF STUDENTS	W	Y	Z
Taking Form	-----	-----	-----
	37,227	37,202	37,189

Notes: *'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. End-of-grade retest data are not included in this table. See Appendix A for student proficiency with retest scores included.
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**Table 1b. 2011-12 End-of-Grade General Test
Grade 5 Goal Statewide Summary Report**

	Developmental Scale Score Mean	Number of Observations	Percent of 50 Items	Weighted Mean Percent Correct*
READING	351.5	112,083	100.0 %	
Goal 2: Apply strategies and skills to comprehend text that is read, heard, and viewed			63.7 %	66.7
Goal 3: Make connections through the use of oral language, written language, and media and technology			29.0 %	71.9
Literary Reading			58.0 %	69.2
Informational Reading			42.0 %	67.0
MATHEMATICS	357.3	112,963	100.0 %	
Goal 1: Understand and compute with non-negative rational numbers			24.0 %	63.1
Goal 2: Recognize and use standard units of metric and customary measurement			12.0 %	65.9
Goal 3: Understand and use properties and relationships of plane figures			28.0 %	68.3
Goal 4: Understand and use graphs and data analysis			12.0 %	72.9
Goal 5: Demonstrate an understanding of patterns, relationships, and elementary algebraic representation			24.0 %	68.7
NUMBER OF STUDENTS	T	U	V	
Taking Form	-----	-----	-----	
	37,965	37,830	37,536	

Notes: *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. End-of-grade retest data are not included in this table. See Appendix A for student proficiency with retest scores included.
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**Table 1c. 2011-12 End-of-Grade General Test
Grade 6 Goal Statewide Summary Report**

	Developmental Scale Scale Mean	Number of Observations	Percent of 53 Items	Weighted Mean Percent Correct*
READING	354.5	110,786	100.0 %	
Goal 2: Explore and analyze information from a variety of sources			19.2 %	65.0
Goal 4: Use critical thinking skills and create criteria to evaluate print and non-print materials			10.1 %	66.6
Goal 5: Respond to various literary genres using interpretive and evaluative processes			49.4 %	70.6
Literary Reading			62.3 %	70.4
Informational Reading			37.7 %	66.5
=====				
MATHEMATICS	358.0	111,440	100.0 %	
			(50 Items)	
Goal 1: Understand and compute with rational numbers			22.0 %	60.4
Goal 2: Select and use appropriate tools to measure two- and three-dimensional figures			14.0 %	53.6
Goal 3: Understand and use properties and relationships of geometric figures in the coordinate plane			20.0 %	65.1
Goal 4: Understand and determine probabilities			22.0 %	66.1
Goal 5: Demonstrate an understanding of simple algebraic expressions			22.0 %	65.2
=====				
NUMBER OF STUDENTS	B	G	J	
Taking Form	-----	-----	-----	
	37,404	37,208	37,207	

Notes: **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. End-of-grade retest data are not included in this table. See Appendix A for student proficiency with retest scores included.
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**Table 1d. 2011-12 End-of-Grade General Test
Grade 7 Goal Statewide Summary Report**

	Developmental Scale Scale Mean	Number of Observations	Percent of 53 Items	Weighted Mean Percent Correct*
READING	357.5	108,873	100.0 %	
Goal 2: Synthesize and use information from a variety of sources			20.4 %	73.3
Goal 4: Refine critical thinking skills and create criteria to evaluate print and non-print materials			13.2 %	68.4
Goal 5: Respond to various literary genres using interpretive and evaluative processes			47.5 %	70.7
Literary Reading			61.0 %	70.5
Informational Reading			39.0 %	71.2
=====				
MATHEMATICS	360.9	109,404	100.0 % (50 Items)	
Goal 1: Understand and compute with rational numbers			20.0 %	61.4
Goal 2: Understand and use measurement involving two- and three-dimensional figures			10.0 %	64.1
Goal 3: Understand and use properties and relationships in geometry			20.0 %	62.3
Goal 4: Understand and use graphs and data analysis			20.0 %	67.8
Goal 5: Demonstrate an understanding of linear relations and fundamental algebraic concepts			30.0 %	62.5
=====				
NUMBER OF STUDENTS TAKING FORM	A	B	Y	
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	36,792	36,605	36,456	

Notes: *"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. End-of-grade retest data are not included in this table. See Appendix A for student proficiency with retest scores included.
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**Table 1e. 2011-12 End-of-Grade General Test
Grade 8 Goal Statewide Summary Report**

	Developmental Scale Score Mean	Number of Observations	Percent of 53 Items	Weighted Mean Percent Correct*
READING	360.4	107,442	100.0 %	
Goal 2: Use and evaluate information from a variety of resources			19.2 %	70.6
Goal 4: Refine critical thinking skills and create criteria to evaluate print and non-print materials			10.1 %	68.0
Goal 5: Respond to various literary genres using interpretive and evaluative processes			49.4 %	74.1
Literary Reading			58.7 %	71.7
Informational Reading			41.3 %	68.3
=====				
MATHEMATICS	363.9	107,805	100.0 %	
			(60 Items)	
Goal 1: Understand and compute with real numbers			15.0 %	72.4
Goal 2: Understand and use measurement concepts			10.0 %	60.5
Goal 3: Understand and use properties and relationships in geometry			15.0 %	56.0
Goal 4: Understand and use graphs and data analysis			25.0 %	69.2
Goal 5: Understand and use linear relations and functions			35.0 %	59.4

NUMBER OF STUDENTS TAKING FORM ²	T	W	X
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	36,084	36,139	36,063

Notes: *"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 but also the numbers of students taking those forms. End-of-grade retest data are not included in this table. See Appendix A for student proficiency with retest scores included.
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**Table 2. 2011-12 End-of-Grade
General Science Test
Grade 5 Goal Statewide Summary Report**

	Scale Score Mean	Number of Observations	Percent of 60 Items	Weighted Mean Percent Correct*
SCIENCE	156.4	112,619	100.0%	
Goal 1: Conduct investigations to build an understanding of the interdependence of plants and animals.			27.9%	73.7
Goal 2: Make observations and conduct investigations to build an understanding of landforms.			21.8%	64.5
Goal 3: Conduct investigations and use appropriate technology to build an understanding of weather and climate.			21.8%	59.4
Goal 4: Conduct investigations and use appropriate technologies to build an understanding of forces and motion in technological designs.			28.5%	69.7
=====				
Number of Students	I	J	K	
Taking Form	-----	-----	-----	
	48,424	48,702	48,321	

Notes: *"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. End-of-grade retest data are not included in this table. See Appendix A for student proficiency with retest scores included.
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**Table 2a. 2011-12 End-of-Grade
General Science Test
Grade 8 Goal Statewide Summary Report**

	Scale Score Mean	Number of Observations	Percent of 69 Items	Weighted Mean Percent Correct*
SCIENCE	154.4	107,567	100.0%	
Goal 1+2: Scientific inquiry and technological design.			32.5%	60.3
Goal 3: Conduct investigations and utilize appropriate technologies and information systems to build an understanding of the hydrosphere..			30.0%	61.4
Goal 4: Conduct investigations and utilize appropriate technologies and information systems to build an understanding of chemistry.			28.3%	55.9
Goal 5: Conduct investigations and utilize appropriate technologies and information systems to build an understanding of evidence of evolution in organisms and landforms.			21.7%	60.0
Goal 6: Conduct investigations, use models, simulations, and appropriate technologies and information systems to build an understanding of cell theory.			10.0%	57.8
Goal 7: Conduct investigations use models, simulations, and appropriate technologies and information systems to build an understanding of microbiology.			10.0 %	52.8
=====				
Number of Students Taking Form	I ----- 45,529	J ----- 45,185	K ----- 45,226	

Notes: *"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. End-of-grade retest data are not included in this table. See Appendix A for student proficiency with retest scores included.
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**Table 3. 2011-12 End-of-Course General Test Statewide Goal Summary Report
Algebra I**

	Scale Score Mean	Number of Observations	Percent of 64 Items	Weighted Mean Percent Correct ¹
ALGEBRA I	153.6	123,930	100.0%	
GOAL 1: Number and Operations: perform operations with numbers and expressions to solve problems			23.4%	65.8
GOAL 2: Geometry and Measurement: describe geometric figures in the coordinate plane algebraically			10.9%	54.8
GOAL 3: Data Analysis and Probability: collect, organize, and interpret data with matrices and linear models to solve problems			29.7%	72.0
GOAL 4: Algebra: use relations and functions to solve problems			35.9%	58.6
=====				
NUMBER OF STUDENTS TAKING FORM	I	J	K/X	L
	-----	-----	-----	-----
	293	43,145	42,674	44,195

Notes: ¹As 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. 2011-12 End-of-Course General Test Statewide Goal Summary Report
Biology**

	Scale Score Mean	Number of Observations	Percent of 60 Items	Mean Percent Correct
BIOLOGY	153.8	105,649	100.0%	
GOAL 1: Understand scientific inquiry			29.2%	68.0
GOAL 2: Understand physical, chemical, and cellular basis of life			25.0%	64.8
GOAL 3: Continuity of life and changes in organisms over time			30.0%	62.1
GOAL 4: Understand the unity and diversity of life			28.3%	63.1
GOAL 5: Understand ecological relationships of organisms			16.7%	71.8
=====				
NUMBER OF STUDENTS TAKING FORM	J ----- 55,051	K ----- 72	L ----- 62	M ----- 54,898

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**Table 3c. 2011-12 End-of-Course General Test Statewide Goal Summary Report
English I**

	Scale Score Mean	Number of Observations	Percent of 56 Items	Mean Percent Correct
ENGLISH I	152.4	112,607	100.0%	
GOAL 1: Express reflections and reactions to print and non-print text and personal experiences			7.6%	61.2
GOAL 2: Explain meaning, describe processes, and answer research questions to inform an audience			9.4%	67.3
GOAL 3: Examine argumentation and develop informed opinions			4.9%	71.6
GOAL 4: Create and use standards to critique communication			14.3%	66.1
GOAL 5: Demonstrate understanding of various literary genres, concepts, elements, and terms			28.6%	63.8
GOAL 6: Apply conventions of grammar and language usage			35.3%	70.8
Composition			35.7%	70.7
Textual Analysis			64.3%	65.2

NUMBER OF STUDENTS TAKING FORM	G	H	J	K
	39,085	134	38,911	39,033

Notes: Data received from LEAs and charter schools after September 6, 2012 are not included in this table.
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