

A Profile of State Assessment Programs 2009

Since 2003, the National Center for Education Statistics (NCES) has supported research that compares the proficiency standards of the National Assessment of Educational Progress (NAEP) with those of individual states. State assessments are placed onto a common scale defined by NAEP, which allows states' proficiency standards to be compared not only to NAEP, but also to each other.¹ While the mapped NAEP equivalent scores of state standards are useful in determining the relative rigor of states' proficiency standards, the results of the studies should be interpreted with caution. Variations among states can be due to many factors, including differences in assessment frameworks, test specifications, the psychometric properties of the tests, the definition of Adequate Yearly Progress (AYP) standards, and the standard-setting process.

In 2007, in collaboration with the Education Information Management Advisory Consortium (EIMAC)—Task Force on Assessment of the Council of Chief State School Officers—NCES conducted a survey of state assessment programs to gain contextual information about the states' assessment programs in 2006–07 and to note changes in their assessments between the 2004–05 and 2006–07 school years that could affect the interpretation of the mapping results. The NAEP State Coordinator in every state was asked to provide information about the state's testing program through an online survey. After this information was verified and confirmed by the NAEP State Coordinator of each state, it was summarized in individual state profiles.² These profiles were designed in collaboration with a panel of NAEP State Coordinators.

In support of the 2009 Mapping Study, NAEP State Coordinators were asked by NCES to update the information collected on their state assessment program in 2007. Following similar verification steps, the information was summarized into profiles to provide a concise snapshot of all state assessment programs in the 2008–09 school year. Each profile presents information on the grades and subjects tested during the 2008–09 year, state performance levels and performance level descriptors, the composition of main state assessments, and changes to the state assessments between 2006–07 and 2008–09.

A sample profile is shown below. Information on the state assessment programs is presented in nine blocks. The first block combines all subjects. The remaining blocks (2–9) are presented twice, once for Reading/Language Arts and then for Mathematics. The example that follows is for Reading/Language Arts only. Some answers may have been edited for consistency or for space limitations; however, the substance of all answers is unchanged from what states provided to the NAEP State Coordinators. All web addresses in these profiles were verified on May 15, 2011. In any block, the symbol “—” indicates that a state's information was either not provided (for example, if there is no information on performance level descriptors of an alternate assessment for meeting AYP) or not applicable (for example, if the information relates to the proportion of the test score from short constructed response items, but the test does not use short constructed response items).

¹ Documents that discuss the research on NAEP and state proficiency standards are available at: <http://nces.ed.gov/nationsreportcard/studies/statemapping/>.

² The 2007 State Profiles are available at: http://nces.ed.gov/nationsreportcard/studies/statemapping/profile_standards_2007.asp.

Block 1 summarizes information about each state’s testing program: the name of the program, the different tests, the type and format of each test, the grades and subjects tested, and the tests’ purpose. States were asked to enter up to four tests in Mathematics, English Language Arts, Reading, and Science. Response options for test type were: regular, alternate, modified, and portfolio assessments.³ Response options for test format were: criterion-referenced (CRT), norm-referenced (NRT), combination CRT/NRT, and other formats. Response options for test purpose were: instructional, student accountability, school accountability, staff accountability, and other. Additional information provided by NAEP State Coordinators summarizing their states’ tests and test purposes is included at the end of the block. An accessible table containing the information in this block can be found at: <http://nces.ed.gov/nationsreportcard/studies/statemapping/block1.asp>.

Block 1		Example State																		
		State Assessment and Accountability Program (SAAP)																		
Component		Test		Grades Tested												Test Purpose ¹				
		Type	Format	K	1	2	3	4	5	6	7	8	9	10	11	12	Instructional	Student Accountability	School Accountability	Staff Accountability
Language Arts																				
Comprehensive Assessments of State Students (CASS)		Regular	CRT		√	√	√	√	√	√	√	√	√				√		√	
CASS - Alternate (CASS-Alt)		Alternate	CRT	√			√	√	√	√	√	√	√				√		√	
Mathematics																				
CASS		Regular	CRT		√	√	√	√	√	√	√	√	√				√		√	
CASS-Alt		Alternate	CRT	√			√	√	√	√	√	√	√				√		√	
Science																				
CASS		Regular	CRT							√		√					√		√	
CASS-Alt		Alternate	CRT						√		√						√		√	

¹ Example purposes: Instructional: student diagnosis, student placement, instructional planning, program evaluation, improvement of instruction for groups of students, etc.
Student Accountability: student awards/recognition, honors diploma, student promotion/retention, required remediation, exit requirement, etc.
School Accountability: monetary awards/penalties, school accreditation, school performance reporting, high school skills guarantee, school improvement plans, etc.
Staff Accountability: staff awards/recognition, salary increases, staff dismissal, staff evaluation or certification, staff monetary penalties, etc.

³ For reference, definitions of different types of assessments are available at the National Center on Educational Outcomes (NCEO) website, at: <http://www.cehd.umn.edu/NCEO/TopicAreas/AlternateAssessments/altAssessTopic.htm>.

Block 2 summarizes information about the composition of the main state assessments in 2008–09 for grades 4 and 8 in Reading/Language Arts and Mathematics. It shows the number of items for each type of question and each type’s respective weight in the final score. If the state indicated that an item type was not used, the type’s weight is indicated by “—.” An accessible table containing the information in this block can be found at:

<http://nces.ed.gov/nationsreportcard/studies/statemapping/block2.asp> .

Block 3 includes additional information about the timing of the assessments and whether assessments measured skills acquired only in prior grades. An accessible table containing the information in this block can be found at: <http://nces.ed.gov/nationsreportcard/studies/statemapping/block3.asp>.

Block 4 summarizes information about the assessments and performance levels used by the state in 2008–09 for state accountability for grades 4 and 8 in Reading/Language Arts and Mathematics, as well as the assessments and performance levels used to determine AYP. The symbol “—” indicates that the information was not provided (e.g., if the state did not provide additional information about performance levels used during the 2008–09 academic year). An accessible table containing the information in this block can be found at: <http://nces.ed.gov/nationsreportcard/studies/statemapping/block4.asp>.

Example State		Reading/Language Arts									
Block 2	Composition of the Main Reading/Language Arts Test in 2008–09										
	Multiple Choice		Short Constructed Response		Extended Constructed Response		Performance Tasks		Other		
	Number of Items	Proportion of Score	Number of Items	Proportion of Score	Number of Items	Proportion of Score	Number of Items	Proportion of Score	Number of Items	Proportion of Score	
Grade 4	24	50%	0	—	3	50%	0	—	0	—	
Grade 8	24	50%	0	—	3	50%	0	—	0	—	
Block 3	Administration of the Main Reading/Language Arts Test in 2008–09										
	Were any of the 2008–09 assessments used for AYP reporting for grades 4 or 8 administered in the fall 2008?						No.				
Block 4	Performance Levels and AYP										
	Performance levels used during the 2008–09 year						Below Basic, Basic, Proficient, and Advanced				
	Test used for AYP determination						Comprehensive Assessments of State Students (CASS)				
	Performance level used for AYP						Proficient				
	Other tests used for AYP determination						CASS-Alt assessments are used in AYP determination.				
	Test used for state accountability						CASS				
	Performance level used for state accountability						Proficient				
	First implementation of performance standards for the 2008–09 assessments						2005–06 school year				
Additional information about performance levels used during the 2008–09 academic year						—					

Block 5 provides the performance level descriptors used for meeting AYP in 2008–09 assessments for grades 4 and 8 in Reading/Language Arts and Mathematics. The descriptors correspond to the proficient performance level as it is defined by each state. A web address is included if the state provided a link. An accessible table containing the information in this block can be found at: <http://nces.ed.gov/nationsreportcard/studies/statemapping/block5.asp>.

Block 6 lists the performance level descriptors used for meeting AYP in 2008–09 alternate assessments for grades 4 and 8 in Reading/Language Arts and Mathematics. The descriptors correspond to the proficient performance level as it is defined by each state. A “—” indicates that the state did not provide performance level descriptors. A web address is included if the state provided a link. An accessible table containing the information in this block can be found at: <http://nces.ed.gov/nationsreportcard/studies/statemapping/block6.asp>.

	Example State	Reading/Language Arts
Block 5	<p>Performance Level Descriptors for Meeting Adequate Yearly Progress</p> <p>Grade 4: Students performing at the Proficient level demonstrate a fundamental understanding of what they read by applying various strategies when reading textual/informational, functional, and literary/recreational materials. To some degree these students use various skills and strategies, including demonstrating a knowledge of sentence structure, making inferences, and distinguishing fiction from nonfiction. They recognize some literary elements and devices including characters, similes, and important details as they read literary/recreational text. As a part of understanding informational/textual and functional materials, students at this level are beginning to locate information, identify important details, use sentence structure, and distinguish fact from fiction. Their vocabulary knowledge includes recognition of some antonyms, synonyms, and some use of structural analysis skills.</p> <p>Performance level descriptors are available online at http://www.STDOE.st.gov/pdf/AchievementLevelsGrade4.pdf</p>	<p>Grade 8: Students performing at the Proficient level utilize strategies to make inferences to determine bias or theme and use specific context clues to determine some word meanings. They can distinguish among characteristics of some types of poetry such as ballads, epics, haikus, limericks, and lyrics. They often identify literary elements and can describe their impact on setting, mood, characterization, or theme. These students also are able to identify the elements of plot.</p>
Block 6	<p>Performance Level Descriptors of Alternate Assessment for Meeting Adequate Yearly Progress</p> <p>Grade 4: A fourth-grade student performing at the Proficient level on the Example State Extended Standards in Reading demonstrates fundamental knowledge that meets the extended standards in multiple phoneme words, reading simple sentences, synonyms, literary elements (main characters and details), and letter blends. This knowledge might be demonstrated at different complexity levels and with varying degrees of assistance.</p> <p>Performance level descriptors are available online at: http://www.STDOE.st.gov/pdf/AchievementLevels.pdf</p>	<p>Grade 8: —</p>

Block 7 presents changes to the main state assessment in Reading/Language Arts and Mathematics between the 2006–07 and 2008–09 school years. Each state self-reported whether the changes to its assessment were significant or not. For many states, additional information about the changes is included in a note below the block. An accessible table containing the information in this block can be found at: <http://nces.ed.gov/nationsreportcard/studies/statemapping/block7.asp>.

Block 8 provides information about the comparability of the state assessments between 2006–07 and 2008–09. Specifically, it is the answer given to the survey question “Are the reported 2008–09 state assessment results for grades 4 and 8 Reading or Mathematics directly comparable with the 2006–07 reported results?” Each state self-reported whether its 2006–07 and 2008–09 assessments were comparable or not. An accessible table containing the information in this block can be found at: <http://nces.ed.gov/nationsreportcard/studies/statemapping/block8.asp>.

Block 9 provides additional information about changes to the state assessment, inclusion policies, or administration of the state assessment between 2006–07 and 2008–09 that would have an impact on the ability to compare outcomes over time. An accessible table containing the information in this block can be found at: <http://nces.ed.gov/nationsreportcard/studies/statemapping/block9.asp>.

Example State		Reading/Language Arts										
Block 7	Changes to State Assessments Between 2006–07 and 2008–09											
		No Significant Changes	Changed Cut Scores	Changed The Period of Administration	Changed Assessment Items	Used Entirely Different Assessment	Realigned To New Content Standards	Changed Proficiency Standards	Changed Accommodation Policy	Changed Re-Test Policy	Changed Test Contractors	Other Changes
	Grade 4	√									•	
	Grade 8	√									•	
Block 8	Are the reported 2008–09 state assessment results for grades 4 and 8 directly comparable with the 2006–07 reported results?											
	Yes, they can be compared. The testing contractors changed but the test and scales did not change.											
Block 9	Are there differences in the administration of assessments or in the reporting of outcomes between 2006–07 and 2008–09 due to policy or legislative changes having an impact on the ability to compare outcomes over time?											
	None.											

Source

U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2009 Survey of State Assessment Program Characteristics.

Glossary

AYP	Adequate Yearly Progress
CRT	Criterion-Referenced Test
ECA	End-of-Course Assessments
ELA	English Language Arts
ELP	English Language Proficiency
EOC	End-of-Course Exams
EOG	End-of-Grade Exams
IEP	Individualized Education Program
LEA	Local Education Agency
LEP	Limited English Proficiency
NAEP	National Assessment of Educational Progress
NCLB	No Child Left Behind
NRT	Norm-Referenced Test
PLD	Performance Level Descriptor
SAT/10	Stanford Achievement Test – Tenth Edition
SEA	State Education Agency

Utah

Utah Performance Assessment System for Students (U-PASS)

Component	Test		Grades Tested												Test Purpose ¹					
	Type	Format	K	1	2	3	4	5	6	7	8	9	10	11	12	Instructional	Student Accountability	School Accountability	Staff Accountability	Other
Language Arts																				
CRT - ELA	Regular	CRT			√	√	√	√	√	√	√	√	√	√		√	√	√		
Iowa Tests of Basic Skills (ITBS)	Regular	NRT				√						√				√	√	√		
Utah Basic Skills Competency Test	Regular	CRT											√	√	√	√	√	√		
Utah's Alternate Assessment (UAA)	Alternate	CRT		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√		
Mathematics																				
CRT - Math	Regular	CRT			√	√	√	√	√	√	√	√	√	√	√	√	√	√		
Iowa Tests of Basic Skills (ITBS)	Regular	NRT				√						√				√	√	√		
Utah Basic Skills Competency Test	Regular	CRT											√	√	√	√	√	√		
Utah's Alternate Assessment (UAA)	Alternate	CRT		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√		
Science																				
CRT - Science	Regular	CRT					√	√	√	√	√	√	√	√	√	√	√	√		
Utah's Alternate Assessment (UAA)	Alternate	CRT					√	√	√	√	√	√	√	√	√	√	√	√		

¹ Example purposes: Instructional: student diagnosis, student placement, instructional planning, program evaluation, improvement of instruction for groups of students, etc.
 Student Accountability: student awards/recognition, honors diploma, student promotion/retention, required remediation, exit requirement, etc.
 School Accountability: monetary awards/penalties, school accreditation, school performance reporting, high school skills guarantee, school improvement plans, etc.
 Staff Accountability: staff awards/recognition, salary increases, staff dismissal, staff evaluation or certification, staff monetary penalties, etc.

Composition of the Main Reading/Language Arts Test in 2008–09

	Multiple Choice		Short Constructed Response		Extended Constructed Response		Performance Tasks		Other	
	Number of Items	Proportion of Score	Number of Items	Proportion of Score	Number of Items	Proportion of Score	Number of Items	Proportion of Score	Number of Items	Proportion of Score
Grade 4	66	100%	0	—	0	—	0	—	0	—
Grade 8	64	100%	0	—	0	—	0	—	0	—

Administration of the Main Reading/Language Arts Test in 2008–09

Were any of the 2008–09 assessments used for AYP reporting for grades 4 or 8 administered in the fall of 2008?	No.
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Performance Levels and AYP

Performance levels used during the 2008–09 year	Minimal, Partial, Sufficient, and Substantial
Test used for AYP determination	CRT
Performance level used for AYP	Levels 3 and 4
Other tests used for AYP determination	—
Test used for state accountability	CRT, UBSCT, UAA, DWA, IOWA
Performance level used for state accountability	Levels 3 and 4
First implementation of performance standards for the 2008–09 assessments	Grade 4: Summer 2004; Grade 8: January 2009
Additional information about performance levels used during the 2008–09 academic year	—

Performance Level Descriptors for Meeting Adequate Yearly Progress

<p>Grade 4: —</p>	<p>Grade 8: Students performing at the Sufficient level generally apply English Language Arts skills appropriately. They use word parts, connotation, synonyms, and context clues to understand vocabulary. In comprehending informational text, students use text features and structures to infer meaning and to distinguish fact from opinion. Students also comprehend literary text by determining incidents important to the plot, by making predictions about text, and by identifying figurative language, setting, and themes. Students revise a written draft for controlling ideas, topic sentences, supporting details, word choice, and sentence variety. They edit grade-level spelling, punctuation and usage errors. Students use the process of inquiry to choose supporting information and to differentiate reliable from unreliable sources and primary from secondary sources.</p> <p>Performance level descriptors are available online at: http://www.schools.utah.gov/assessment/info_ela.aspx</p>
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Performance Level Descriptors of Alternate Assessment for Meeting Adequate Yearly Progress

<p>Grade 4: —</p>	<p>Grade 8: —</p>
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Changes to State Assessments Between 2007 and 2009

	No Significant Changes	Changed Cut Scores	Changed The Period of Administration	Changed Assessment Items	Used Entirely Different Assessment	Realigned To New Content Standards	Changed Proficiency Standards	Changed Accommodation Policy	Changed Re-Test Policy	Changed Test Contractors	Other Changes
Grade 4	√										
Grade 8						√					

Note: The core curriculum was revised resulting in a change in proficiency level descriptors and cut scores.

Are the reported 2008–09 state assessment results for grades 4 and 8 directly comparable with the 2006–07 reported results?

Yes.

Are there differences in the administration of assessments or in the reporting of outcomes between 2006–07 and 2008–09 due to policy or legislative changes having an impact on the ability to compare outcomes over time?

None.

Composition of the Main Mathematics Test in 2008–09

	Multiple Choice		Short Constructed Response		Extended Constructed Response		Performance Tasks		Other	
	Number of Items	Proportion of Score	Number of Items	Proportion of Score	Number of Items	Proportion of Score	Number of Items	Proportion of Score	Number of Items	Proportion of Score
Grade 4	65	100%	0	—	0	—	0	—	0	—
Grade 8	70	100%	0	—	0	—	0	—	0	—

Administration of the Main Mathematics Test in 2008–09

Were any of the 2008–09 assessments used for AYP reporting for grades 4 or 8 administered in the fall of 2008?	No.
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Performance Levels and AYP

Performance levels used during the 2008–09 year	Minimal, Partial, Sufficient, and Substantial
Test used for AYP determination	CRT
Performance level used for AYP	Levels 3 and 4
Other tests used for AYP determination	—
Test used for state accountability	CRT, UBSCT, UAA, DWA, IOWA
Performance level used for state accountability	Levels 3 and 4
First implementation of performance standards for the 2008–09 assessments	June 2009
Additional information about performance levels used during the 2008–09 academic year	—

Performance Level Descriptors for Meeting Adequate Yearly Progress

Grade 4: Students performing at the Sufficient level apply Mathematics knowledge and skills appropriately. They represent, order, compare, model, and identify relationships of whole numbers, fractions, and decimals. They determine appropriate problem solving strategies and use of estimation. Students solve problems using multiplication and division of whole numbers, addition and subtraction of simple fractions and decimals, and interpret the meaning of the solution. Students identify simple relationships and analyze, represent, and extend patterns. They evaluate, simplify, and compare problems using algebraic expressions, symbols, and order of operations. They identify and describe relationships between geometric lines and two dimensional shapes. Students locate ordered pairs in the first quadrant of a coordinate grid and regions on a map. They identify geometric transformations and relationships between degrees of a rotation and fractions. Students measure and estimate metric and customary units and identify relationships among units of measurement. They determine the perimeter and area of a rectangle and understand the relationship between the area of right triangles and parallelograms. Students read and interpret data using tables and graphs, and distinguish between outliers and clusters. They apply basic concepts of probability and interpret probable outcomes, with or without replacement.

Performance level descriptors are available online at:

http://www.schools.utah.gov/assessment/info_math.aspx

Grade 8: Students performing at the Sufficient level apply pre-algebra Mathematics skills appropriately. They estimate, compute, represent, solve and analyze relationships and operations with rational numbers. They apply properties of proportionality to model and to solve rate, ratio, percent, unit conversion, and scale factor problems. They represent and connect relationships between coordinate graphs, tables, and models. Students recognize similar polygons and apply the properties of similar triangles to solve problems and explore slope. Students generalize simple patterns using algebraic expressions. They simplify and evaluate algebraic expressions. They solve single-variable linear equations and inequalities. They formulate questions, represent information, analyze results, and summarize pertinent data in histograms and box-and-whisker plots. Students calculate, estimate, and analyze the probability of events and identify differences between theoretical and experimental probability. They derive and use formulas to find surface area and volume of three-dimensional figures.

Performance level descriptors are available online at:

http://www.schools.utah.gov/assessment/info_math.aspx

Performance Level Descriptors of Alternate Assessment for Meeting Adequate Yearly Progress

Grade 4: —

Grade 8: —

Changes to State Assessments Between 2007 and 2009

	No Significant Changes	Changed Cut Scores	Changed The Period of Administration	Changed Assessment Items	Used Entirely Different Assessment	Realigned To New Content Standards	Changed Proficiency Standards	Changed Accommodation Policy	Changed Re-Test Policy	Changed Test Contractors	Other Changes
Grade 4		√		√		√	√				
Grade 8		√		√		√	√				

Note: The core curriculum was revised resulting in a change in proficiency level descriptors and cut scores.

Are the reported 2008–09 state assessment results for grades 4 and 8 directly comparable with the 2006–07 reported results?

Yes.

Are there differences in the administration of assessments or in the reporting of outcomes between 2006–07 and 2008–09 due to policy or legislative changes having an impact on the ability to compare outcomes over time?

None.