About The New England Common Assessment Program

This report highlights results from the Fall 2010 Beginning of Grade New England Common Assessment Program (NECAP) tests. The NECAP tests are administered to students in Maine, New Hampshire, Rhode Island, and Vermont as part of each state's statewide assessment program. NECAP test results are used primarily for school improvement and accountability. 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.

NECAP tests in reading and mathematics are administered to students in grades 3 through 8 and writing tests are administered to students in grades 5 and 8. The NECAP tests are designed to measure student performance on grade level expectations (GLE) developed and adopted by the four states. Specifically, the tests are designed to measure the content and skills that students are expected to have as they begin the school year in their current grade—in other words, the content and skills that students have learned through the end of the previous 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. On the mathematics test, students may be required to provide the correct answer to a computation or word problem, draw or interpret a chart or graph, or explain how they solved a problem. On the reading test, students may be required to make a list or write a few paragraphs to answer a question related to a literary or informational passage. On the writing test, students are required to provide a single extended response of 1–3 pages and three shorter responses to questions measuring different types of writing.

This report contains a variety of school- and/or district-, and state-level assessment results for the NECAP 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 subtopics within each content area tested.

In addition to this report of grade level results, schools and districts will also receive Summary Reports, Item Analysis Reports, Released Item support materials, and student-level data files containing NECAP results. 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 schools' and districts' evaluation of their ongoing improvement efforts.

Fall 2010
Beginning of Grade 8
NECAP Tests

Grade 8 Students in 2010-2011

School Results

School: Brewer Middle School

District: Brewer School Department

Code: 1021-1185

Fall 2010 - Beginning of Grade 8 NECAP Tests
Grade 8 Students in 2010-2011
Grade Level Summary Report

School: Brewer Middle School
District: Brewer School Department
State: Maine
Code: 1021-1185

PARTICIPATION in NECAP	Number									Percentage								
	School			District			State			School			District			State		
Students enrolled on or after October 1	93			93			14,368			100			100			100		
	Reading	Math	Writing	Reading	Math	Writing	Reading	Math	Writing	Reading	Math	Writing	Reading	Math	Writing	Reading	Math	Writing
Students tested	**90**	**89**	**89**	**90**	**89**	**89**	**13,958**	**13,983**	**13,904**	**97**	**96**	**96**	**97**	**96**	**96**	**97**	**97**	**97**
With an approved accommodation	9	8	8	9	8	8	2,067	2,100	2,026	10	9	9	10	9	9	15	15	15
Current LEP Students	0	0	0	0	0	0	290	317	289	0	0	0	0	0	0	2	2	2
With an approved accommodation	0	0	0	0	0	0	111	149	126							38	47	44
IEP Students	10	9	9	10	9	9	2,141	2,145	2,124	11	10	10	11	10	10	15	15	15
With an approved accommodation	9	8	8	9	8	8	1,681	1,689	1,650	90	89	89	90	89	89	79	79	78
Students not tested in NECAP	**3**	**4**	**4**	**3**	**4**	**4**	**410**	**385**	**464**	**3**	**4**	**4**	**3**	**4**	**4**	**3**	**3**	**3**
State Approved	2	2	2	2	2	2	263	223	254	67	50	50	67	50	50	64	58	55
Alternate Assessment	1	1	1	1	1	1	201	190	189	50	50	50	50	50	50	76	85	74
First Year LEP	0	0	0	0	0	0	29	0	29	0	0	0	0	0	0	11	0	11
Withdrew After October 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enrolled After October 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Special Consideration	1	1	1	1	1	1	33	33	36	50	50	50	50	50	50	13	15	14
Other	1	2	2	1	2	2	147	162	210	33	50	50	33	50	50	36	42	45

NECAP RESULTS

	School													District						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	%	%	%	%	
READING	93	2	1	90	15	17	57	63	13	14	5	6	848	90	17	63	14	6	848	13,958	17	56	22	5	847
MATH	93	2	2	89	19	21	36	40	18	20	16	18	842	89	21	40	20	18	842	13,983	17	42	22	20	842
WRITING	93	2	2	89	5	6	52	58	28	31	4	4	842	89	6	58	31	4	842	13,904	7	46	37	10	840

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.

Fall 2010 - Beginning of Grade 8 NECAP Tests
Grade 8 Students in 2010-2011
Reading Results

School: Brewer Middle School
District: Brewer School Department
State: Maine
Code: 1021-1185

Proficient with Distinction (Level 4)
Student's performance demonstrates an ability to read and comprehend grade-appropriate text. Student is able to analyze and interpret literary and informational text. Student offers insightful observations/assertions that are well supported by references to the text. Student uses range of vocabulary strategies and breadth of vocabulary knowledge to read and comprehend a wide variety of texts.

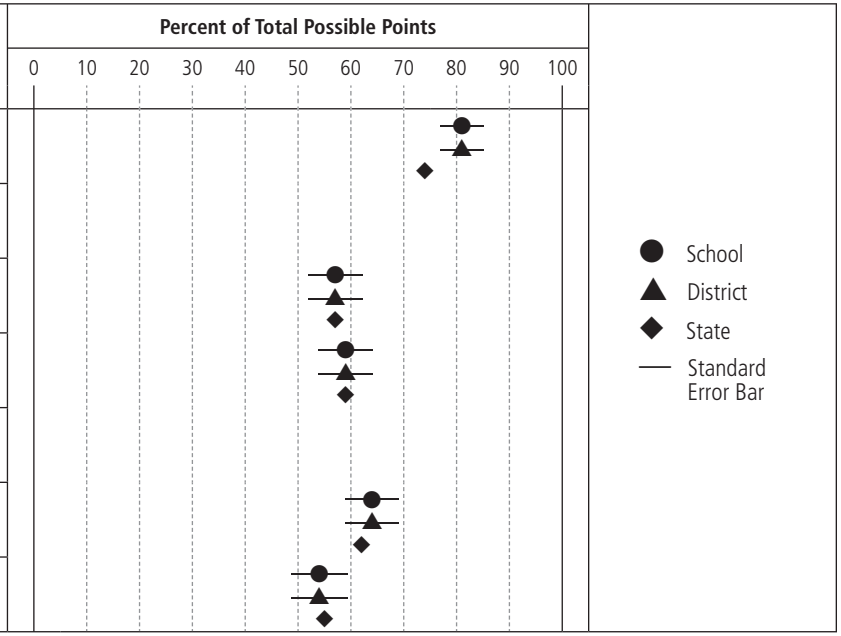
Proficient (Level 3)
Student's performance demonstrates an ability to read and comprehend grade-appropriate text. Student is able to analyze and interpret literary and informational text. Student makes and supports relevant assertions by referencing text. Student uses vocabulary strategies and breadth of vocabulary knowledge to read and comprehend text.

Partially Proficient (Level 2)
Student's performance demonstrates an inconsistent ability to read and comprehend grade-appropriate text. Student attempts to analyze and interpret literary and informational text. Student may make and/or support assertions by referencing text. Student's vocabulary knowledge and use of strategies may be limited and may impact the ability to read and comprehend text.

Substantially Below Proficient (Level 1)
Student's performance demonstrates minimal ability to derive/construct meaning from grade-appropriate text. Student may be able to recognize story elements and text features. Student's limited vocabulary knowledge and use of strategies impacts the ability to read and comprehend text.

	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													
2008-09													
2009-10	87	1	3	83	11	13	50	60	17	20	5	6	848
2010-11	**93**	**2**	**1**	**90**	**15**	**17**	**57**	**63**	**13**	**14**	**5**	**6**	**848**
Cumulative Total													
DISTRICT													
2008-09													
2009-10	88	2	3	83	11	13	50	60	17	20	5	6	848
2010-11	**93**	**2**	**1**	**90**	**15**	**17**	**57**	**63**	**13**	**14**	**5**	**6**	**848**
Cumulative Total													
STATE													
2008-09													
2009-10	14,466	245	120	14,101	2,092	15	7,584	54	3,378	24	1,047	7	846
2010-11	**14,368**	**263**	**147**	**13,958**	**2,341**	**17**	**7,783**	**56**	**3,096**	**22**	**738**	**5**	**847**
Cumulative Total													

Subtopic	Total Possible Points
Word ID/Vocabulary	25
Type of Text	
Literary	56
Informational	49
Level of Comprehension	
Initial Understanding	42
Analysis & Interpretation	63



Fall 2010 - Beginning of Grade 8 NECAP Tests
Grade 8 Students in 2010-2011
Disaggregated Reading Results

School: Brewer Middle School
District: Brewer School Department
State: Maine
Code: 1021-1185

REPORTING CATEGORIES	School													District						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	**93**	**2**	**1**	**90**	**15**	**17**	**57**	**63**	**13**	**14**	**5**	**6**	**848**	**90**	**17**	**63**	**14**	**6**	**848**	**13,958**	**17**	**56**	**22**	**5**	**847**
Gender																									
Male	41	1	1	39	4	10	26	67	6	15	3	8	847	39	10	67	15	8	847	7,260	12	56	26	7	845
Female	52	1	0	51	11	22	31	61	7	14	2	4	850	51	22	61	14	4	850	6,698	22	55	18	4	849
Not Reported	0	0	0	0										0						0					
Race/Ethnicity																									
Hispanic or Latino	1	0	0	1										1						188	10	57	22	12	844
Not Hispanic or Latino																									
American Indian or Alaskan Native	4	0	0	4										4						155	14	53	26	6	846
Asian	0	0	0	0										0						158	27	58	14	2	852
Black or African American	5	1	1	3										3						373	10	42	36	12	842
Native Hawaiian or Pacific Islander	0	0	0	0										0						12	33	50	8	8	851
White	83	1	0	82	15	18	50	61	12	15	5	6	849	82	18	61	15	6	849	12,977	17	56	22	5	847
Two or more races	0	0	0	0										0						95	12	63	24	1	847
No Race/Ethnicity Reported	0	0	0	0										0						0					
LEP Status																									
Current LEP student	0	0	0	0										0						290	3	40	42	15	838
Former LEP student - monitoring year 1	0	0	0	0										0						14	50	50	0	0	858
Former LEP student - monitoring year 2	0	0	0	0										0						19	37	63	0	0	857
All Other Students	93	2	1	90	15	17	57	63	13	14	5	6	848	90	17	63	14	6	848	13,635	17	56	22	5	847
IEP																									
Students with an IEP	11	1	0	10	0	0	2	20	3	30	5	50	829	10	0	20	30	50	829	2,141	2	27	47	25	835
All Other Students	82	1	1	80	15	19	55	69	10	13	0	0	851	80	19	69	13	0	851	11,817	20	61	18	2	849
SES																									
Economically Disadvantaged Students	28	1	1	26	3	12	15	58	6	23	2	8	846	26	12	58	23	8	846	5,870	9	52	31	9	843
All Other Students	65	1	0	64	12	19	42	66	7	11	3	5	850	64	19	66	11	5	850	8,088	23	58	16	3	850
Migrant																									
Migrant Students	0	0	0	0										0						3					
All Other Students	93	2	1	90	15	17	57	63	13	14	5	6	848	90	17	63	14	6	848	13,955	17	56	22	5	847
Title I																									
Students Receiving Title I Services	1	0	0	1										1						1,078	6	47	39	8	842
All Other Students	92	2	1	89	15	17	56	63	13	15	5	6	849	89	17	63	15	6	849	12,880	18	56	21	5	848
504 Plan																									
Students with a 504 Plan	4	0	0	4										4						331	12	59	26	3	846
All Other Students	89	2	1	86	15	17	54	63	12	14	5	6	849	86	17	63	14	6	849	13,627	17	56	22	5	847

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.

Fall 2010 - Beginning of Grade 8 NECAP Tests
Grade 8 Students in 2010-2011
Mathematics Results

School: Brewer Middle School
District: Brewer School Department
State: Maine
Code: 1021-1185

Proficient with Distinction (Level 4)
Student's problem solving demonstrates logical reasoning with strong explanations that include both words and proper mathematical notation. Student's work exhibits a high level of accuracy, effective use of a variety of strategies, and an understanding of mathematical concepts within and across grade level expectations. Student demonstrates the ability to move from concrete to abstract representations.

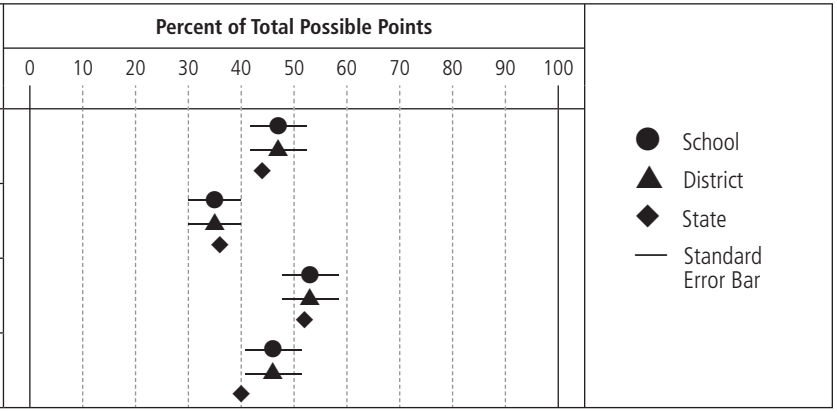
Proficient (Level 3)
Student's problem solving demonstrates logical reasoning with appropriate explanations that include both words and proper mathematical notation. Student uses a variety of strategies that are often systematic. Computational errors do not interfere with communicating understanding. Student demonstrates conceptual understanding of most aspects of the grade level expectations.

Partially Proficient (Level 2)
Student's problem solving demonstrates logical reasoning and conceptual understanding in some, but not all, aspects of the grade level expectations. Many problems are started correctly, but computational errors may get in the way of completing some aspects of the problem. Student uses some effective strategies. Student's work demonstrates that he or she is generally stronger with concrete than abstract situations.

Substantially Below Proficient (Level 1)
Student's problem solving is often incomplete, lacks logical reasoning and accuracy, and shows little conceptual understanding in most aspects of the grade level expectations. Student is able to start some problems but computational errors and lack of conceptual understanding interfere with solving problems successfully.

	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													
2008-09													
2009-10	87	1	3	83	16	19	36	43	16	19	15	18	843
2010-11	**93**	**2**	**2**	**89**	**19**	**21**	**36**	**40**	**18**	**20**	**16**	**18**	**842**
Cumulative Total													
DISTRICT													
2008-09													
2009-10	88	2	3	83	16	19	36	43	16	19	15	18	843
2010-11	**93**	**2**	**2**	**89**	**19**	**21**	**36**	**40**	**18**	**20**	**16**	**18**	**842**
Cumulative Total													
STATE													
2008-09													
2009-10	14,466	236	115	14,115	2,283	16	6,119	43	3,019	21	2,694	19	842
2010-11	**14,368**	**223**	**162**	**13,983**	**2,310**	**17**	**5,894**	**42**	**3,048**	**22**	**2,731**	**20**	**842**
Cumulative Total													

Subtopic	Total Possible Points
Numbers & Operations	31
Geometry & Measurement	41
Functions & Algebra	64
Data, Statistics, & Probability	25



Fall 2010 - Beginning of Grade 8 NECAP Tests
Grade 8 Students in 2010-2011
Disaggregated Mathematics Results

School: Brewer Middle School
District: Brewer School Department
State: Maine
Code: 1021-1185

REPORTING CATEGORIES	School													District						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	**93**	**2**	**2**	**89**	**19**	**21**	**36**	**40**	**18**	**20**	**16**	**18**	**842**	**89**	**21**	**40**	**20**	**18**	**842**	**13,983**	**17**	**42**	**22**	**20**	**842**
Gender																									
Male	41	1	2	38	11	29	17	45	5	13	5	13	844	38	29	45	13	13	844	7,279	17	42	21	20	842
Female	52	1	0	51	8	16	19	37	13	25	11	22	841	51	16	37	25	22	841	6,704	15	42	23	19	842
Not Reported	0	0	0	0										0						0					
Race/Ethnicity																									
Hispanic or Latino	1	0	0	1										1						189	8	41	22	29	839
Not Hispanic or Latino																									
American Indian or Alaskan Native	4	0	0	4										4						156	15	37	23	25	840
Asian	0	0	0	0										0						160	27	43	18	13	845
Black or African American	5	1	1	3										3						389	5	26	25	44	835
Native Hawaiian or Pacific Islander	0	0	0	0										0						12	8	67	25	0	844
White	83	1	1	81	19	23	34	42	15	19	13	16	843	81	23	42	19	16	843	12,982	17	43	22	19	842
Two or more races	0	0	0	0										0						95	8	44	19	28	839
No Race/Ethnicity Reported	0	0	0	0										0						0					
LEP Status																									
Current LEP student	0	0	0	0										0						317	3	24	26	48	833
Former LEP student - monitoring year 1	0	0	0	0										0						14	43	36	14	7	847
Former LEP student - monitoring year 2	0	0	0	0										0						19	37	37	26	0	847
All Other Students	93	2	2	89	19	21	36	40	18	20	16	18	842	89	21	40	20	18	842	13,633	17	43	22	19	842
IEP																									
Students with an IEP	11	1	1	9										9						2,145	2	15	23	60	831
All Other Students	82	1	1	80	19	24	35	44	17	21	9	11	844	80	24	44	21	11	844	11,838	19	47	22	12	844
SES																									
Economically Disadvantaged Students	28	1	1	26	1	4	9	35	8	31	8	31	837	26	4	35	31	31	837	5,888	7	37	27	29	838
All Other Students	65	1	1	63	18	29	27	43	10	16	8	13	845	63	29	43	16	13	845	8,095	23	46	18	12	844
Migrant																									
Migrant Students	0	0	0	0										0						2					
All Other Students	93	2	2	89	19	21	36	40	18	20	16	18	842	89	21	40	20	18	842	13,981	17	42	22	20	842
Title I																									
Students Receiving Title I Services	1	0	0	1										1						1,086	5	28	34	34	837
All Other Students	92	2	2	88	19	22	35	40	18	20	16	18	842	88	22	40	20	18	842	12,897	18	43	21	18	842
504 Plan																									
Students with a 504 Plan	4	0	0	4										4						331	14	45	24	17	842
All Other Students	89	2	2	85	19	22	33	39	18	21	15	18	843	85	22	39	21	18	843	13,652	17	42	22	20	842

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.

Fall 2010 - Beginning of Grade 8 NECAP Tests
Grade 8 Students in 2010-2011
Writing Results

School: Brewer Middle School
District: Brewer School Department
State: Maine
Code: 1021-1185

Proficient with Distinction (Level 4)
Student's writing demonstrates an ability to respond to prompt/task with clarity and insight. Focus is well developed and maintained throughout response. Response demonstrates use of strong organizational structures. A variety of elaboration strategies is evident. Sentence structures and language choices are varied and used effectively. Response demonstrates control of conventions; minor errors may occur.

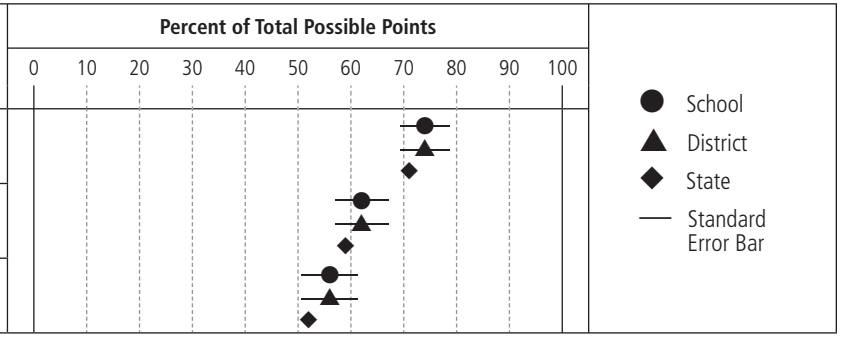
Proficient (Level 3)
Student's writing demonstrates an ability to respond to prompt/task. Focus is clear and maintained throughout the response. Response is organized with a beginning, middle, and end with appropriate transitions. Details are sufficiently elaborated to support focus. Sentence structures and language use are varied. Response demonstrates control of conventions; errors may occur but do not interfere with meaning.

Partially Proficient (Level 2)
Student's writing demonstrates an attempt to respond to prompt/task. Focus may be present but not maintained. Organizational structure is inconsistent with limited use of transitions. Details may be listed and lack elaboration. Sentence structures and language use are unsophisticated and may be repetitive. Response demonstrates inconsistent control of conventions.

Substantially Below Proficient (Level 1)
Student's writing demonstrates a minimal response to prompt/task. Focus is unclear or lacking. Little or no organizational structure is evident. Details are minimal and/or random. Sentence structures and language use are minimal or absent. Frequent errors in conventions may interfere with meaning.

	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													
2008-09													
2009-10													
2010-11	93	2	2	89	5	6	52	58	28	31	4	4	842
Cumulative Total													
DISTRICT													
2008-09													
2009-10													
2010-11	93	2	2	89	5	6	52	58	28	31	4	4	842
Cumulative Total													
STATE													
2008-09													
2009-10													
2010-11	14,368	254	210	13,904	1,035	7	6,332	46	5,179	37	1,358	10	840
Cumulative Total													

Subtopic	Total Possible Points
Multiple Choice	10
Short Responses	12
Extended Response	12



No historical data is available for 2009-10 because a pilot test was administered to field-test new writing items for future writing tests.

Fall 2010 - Beginning of Grade 8 NECAP Tests
Grade 8 Students in 2010-2011
Disaggregated Writing Results

School: Brewer Middle School
District: Brewer School Department
State: Maine
Code: 1021-1185

REPORTING CATEGORIES	School													District						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	**93**	**2**	**2**	**89**	**5**	**6**	**52**	**58**	**28**	**31**	**4**	**4**	**842**	**89**	**6**	**58**	**31**	**4**	**842**	**13,904**	**7**	**46**	**37**	**10**	**840**
Gender																									
Male	41	1	2	38	2	5	18	47	15	39	3	8	840	38	5	47	39	8	840	7,227	3	36	45	15	836
Female	52	1	0	51	3	6	34	67	13	25	1	2	844	51	6	67	25	2	844	6,677	12	55	29	4	843
Not Reported	0	0	0	0										0						0					
Race/Ethnicity																									
Hispanic or Latino	1	0	0	1										1						186	7	40	40	13	838
Not Hispanic or Latino																									
American Indian or Alaskan Native	4	0	0	4										4						155	5	43	39	13	838
Asian	0	0	0	0										0						158	17	49	32	2	845
Black or African American	5	1	1	3										3						373	2	33	49	16	836
Native Hawaiian or Pacific Islander	0	0	0	0										0						12	17	58	17	8	844
White	83	1	1	81	5	6	45	56	28	35	3	4	842	81	6	56	35	4	842	12,926	8	46	37	10	840
Two or more races	0	0	0	0										0						94	3	47	38	12	839
No Race/Ethnicity Reported	0	0	0	0										0						0					
LEP Status																									
Current LEP student	0	0	0	0										0						289	1	29	55	15	834
Former LEP student - monitoring year 1	0	0	0	0										0						14	29	50	21	0	849
Former LEP student - monitoring year 2	0	0	0	0										0						19	21	53	26	0	848
All Other Students	93	2	2	89	5	6	52	58	28	31	4	4	842	89	6	58	31	4	842	13,582	8	46	37	10	840
IEP																									
Students with an IEP	11	1	1	9										9						2,124	<1	11	50	39	829
All Other Students	82	1	1	80	5	6	51	64	22	28	2	3	843	80	6	64	28	3	843	11,780	9	52	35	5	842
SES																									
Economically Disadvantaged Students	28	1	1	26	0	0	14	54	9	35	3	12	838	26	0	54	35	12	838	5,828	3	36	45	15	836
All Other Students	65	1	1	63	5	8	38	60	19	30	1	2	843	63	8	60	30	2	843	8,076	11	52	31	6	842
Migrant																									
Migrant Students	0	0	0	0										0						3					
All Other Students	93	2	2	89	5	6	52	58	28	31	4	4	842	89	6	58	31	4	842	13,901	7	46	37	10	840
Title I																									
Students Receiving Title I Services	1	0	0	1										1						1,073	4	30	53	13	836
All Other Students	92	2	2	88	5	6	52	59	27	31	4	5	842	88	6	59	31	5	842	12,831	8	47	36	10	840
504 Plan																									
Students with a 504 Plan	4	0	0	4										4						328	3	39	48	11	837
All Other Students	89	2	2	85	5	6	51	60	26	31	3	4	842	85	6	60	31	4	842	13,576	8	46	37	10	840

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.