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 7
NECAP Tests

Grade 7 Students in 2010-2011

School Results

School: Brewer Middle School

District: Brewer School Department

Code: 1021-1185

Fall 2010 - Beginning of Grade 7 NECAP Tests
Grade 7 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	99			99			14,420			100			100			100		
	Reading	Math	Writing	Reading	Math	Writing	Reading	Math	Writing	Reading	Math	Writing	Reading	Math	Writing	Reading	Math	Writing
Students tested	**97**	**97**		**97**	**97**		**14,013**	**14,044**		**98**	**98**		**98**	**98**		**97**	**97**	
With an approved accommodation	12	12		12	12		2,161	2,197		12	12		12	12		15	16	
Current LEP Students	0	0		0	0		316	361		0	0		0	0		2	3	
With an approved accommodation	0	0		0	0		149	188								47	52	
IEP Students	14	14		14	14		2,139	2,129		14	14		14	14		15	15	
With an approved accommodation	12	12		12	12		1,723	1,725		86	86		86	86		81	81	
Students not tested in NECAP	**2**	**2**		**2**	**2**		**407**	**376**		**2**	**2**		**2**	**2**		**3**	**3**	
State Approved	2	2		2	2		297	247		100	100		100	100		73	66	
Alternate Assessment	1	1		1	1		225	219		50	50		50	50		76	89	
First Year LEP	0	0		0	0		46	0		0	0		0	0		15	0	
Withdrew After October 1	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	
Special Consideration	1	1		1	1		26	28		50	50		50	50		9	11	
Other	0	0		0	0		110	129		0	0		0	0		27	34	

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	99	2	0	97	10	10	56	58	18	19	13	13	745	97	10	58	19	13	745	14,013	11	55	24	10	745
MATH	99	2	0	97	10	10	39	40	22	23	26	27	740	97	10	40	23	27	740	14,044	16	42	21	20	742
WRITING																									

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 7 NECAP Tests
Grade 7 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.

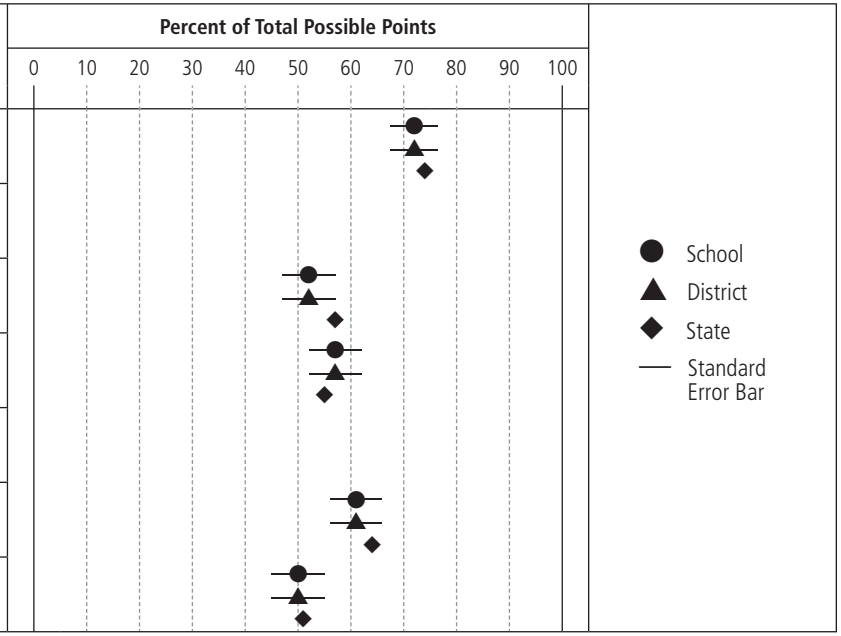
Proficient (Level 3)
Student's performance demonstrates an ability to read and comprehend grade-appropriate text. Student is able to analyze and interpret literary and informational text. Student makes and supports relevant assertions by referencing text. Student uses vocabulary strategies and breadth 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	91	1	1	89	8	9	56	63	21	24	4	4	746
2010-11	**99**	**2**	**0**	**97**	**10**	**10**	**56**	**58**	**18**	**19**	**13**	**13**	**745**
Cumulative Total													
DISTRICT													
2008-09													
2009-10	91	1	1	89	8	9	56	63	21	24	4	4	746
2010-11	**99**	**2**	**0**	**97**	**10**	**10**	**56**	**58**	**18**	**19**	**13**	**13**	**745**
Cumulative Total													
STATE													
2008-09													
2009-10	14,367	230	120	14,017	1,319	9	8,323	59	3,222	23	1,153	8	745
2010-11	**14,420**	**297**	**110**	**14,013**	**1,475**	**11**	**7,775**	**55**	**3,382**	**24**	**1,381**	**10**	**745**
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 7 NECAP Tests
Grade 7 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	**99**	**2**	**0**	**97**	**10**	**10**	**56**	**58**	**18**	**19**	**13**	**13**	**745**	**97**	**10**	**58**	**19**	**13**	**745**	**14,013**	**11**	**55**	**24**	**10**	**745**
Gender																									
Male	53	2	0	51	3	6	28	55	11	22	9	18	742	51	6	55	22	18	742	7,088	6	53	28	13	742
Female	46	0	0	46	7	15	28	61	7	15	4	9	748	46	15	61	15	9	748	6,924	15	58	20	7	747
Not Reported	0	0	0	0										0						1					
Race/Ethnicity																									
Hispanic or Latino	1	0	0	1										1						195	7	46	36	11	741
Not Hispanic or Latino																									
American Indian or Alaskan Native	0	0	0	0										0						157	10	51	22	17	743
Asian	2	0	0	2										2						180	18	46	27	9	746
Black or African American	2	0	0	2										2						341	3	39	32	26	737
Native Hawaiian or Pacific Islander	0	0	0	0										0						7					
White	94	2	0	92	10	11	55	60	15	16	12	13	745	92	11	60	16	13	745	13,031	11	56	24	9	745
Two or more races	0	0	0	0										0						101	4	54	28	14	742
No Race/Ethnicity Reported	0	0	0	0										0						1					
LEP Status																									
Current LEP student	0	0	0	0										0						316	1	31	36	32	734
Former LEP student - monitoring year 1	0	0	0	0										0						25	16	80	4	0	753
Former LEP student - monitoring year 2	0	0	0	0										0						12	42	58	0	0	758
All Other Students	99	2	0	97	10	10	56	58	18	19	13	13	745	97	10	58	19	13	745	13,660	11	56	24	9	745
IEP																									
Students with an IEP	15	1	0	14	0	0	2	14	4	29	8	57	729	14	0	14	29	57	729	2,139	<1	20	41	39	732
All Other Students	84	1	0	83	10	12	54	65	14	17	5	6	748	83	12	65	17	6	748	11,874	12	62	21	5	747
SES																									
Economically Disadvantaged Students	34	1	0	33	3	9	13	39	10	30	7	21	740	33	9	39	30	21	740	6,016	4	47	32	16	740
All Other Students	65	1	0	64	7	11	43	67	8	13	6	9	747	64	11	67	13	9	747	7,997	15	62	18	5	748
Migrant																									
Migrant Students	0	0	0	0										0						6					
All Other Students	99	2	0	97	10	10	56	58	18	19	13	13	745	97	10	58	19	13	745	14,007	11	56	24	10	745
Title I																									
Students Receiving Title I Services	0	0	0	0										0						1,438	4	39	42	15	739
All Other Students	99	2	0	97	10	10	56	58	18	19	13	13	745	97	10	58	19	13	745	12,575	11	57	22	9	745
504 Plan																									
Students with a 504 Plan	4	0	0	4										4						309	7	56	28	8	743
All Other Students	95	2	0	93	10	11	53	57	17	18	13	14	745	93	11	57	18	14	745	13,704	11	55	24	10	745

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 7 NECAP Tests
Grade 7 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.

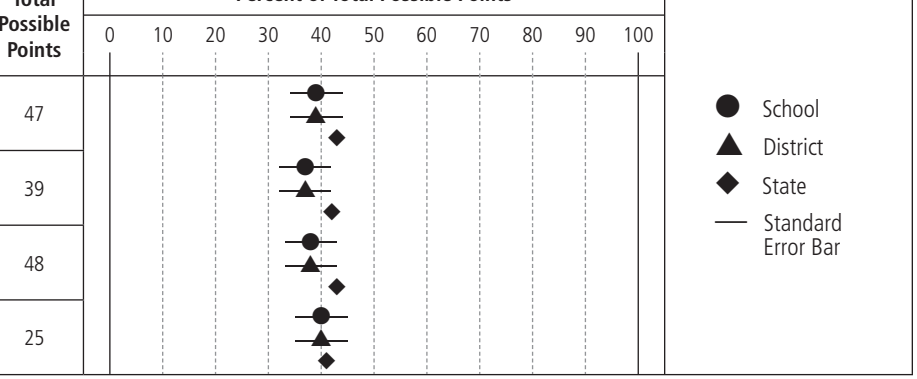
Proficient (Level 3)
Student's problem solving demonstrates logical reasoning with appropriate explanations that include both words and proper mathematical notation. Student uses a variety of strategies that are often systematic. Computational errors do not interfere with communicating understanding. 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	91	1	1	89	18	20	40	45	13	15	18	20	743
2010-11	**99**	**2**	**0**	**97**	**10**	**10**	**39**	**40**	**22**	**23**	**26**	**27**	**740**
Cumulative Total													
DISTRICT													
2008-09													
2009-10	91	1	1	89	18	20	40	45	13	15	18	20	743
2010-11	**99**	**2**	**0**	**97**	**10**	**10**	**39**	**40**	**22**	**23**	**26**	**27**	**740**
Cumulative Total													
STATE													
2008-09													
2009-10	14,367	212	116	14,039	2,603	19	5,725	41	2,822	20	2,889	21	742
2010-11	**14,420**	**247**	**129**	**14,044**	**2,310**	**16**	**5,892**	**42**	**2,990**	**21**	**2,852**	**20**	**742**
Cumulative Total													

Subtopic	Total Possible Points
Numbers & Operations	47
Geometry & Measurement	39
Functions & Algebra	48
Data, Statistics, & Probability	25



Fall 2010 - Beginning of Grade 7 NECAP Tests
Grade 7 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	**99**	**2**	**0**	**97**	**10**	**10**	**39**	**40**	**22**	**23**	**26**	**27**	**740**	**97**	**10**	**40**	**23**	**27**	**740**	**14,044**	**16**	**42**	**21**	**20**	**742**
Gender																									
Male	53	2	0	51	7	14	15	29	16	31	13	25	740	51	14	29	31	25	740	7,111	17	41	21	21	742
Female	46	0	0	46	3	7	24	52	6	13	13	28	740	46	7	52	13	28	740	6,932	16	43	22	20	742
Not Reported	0	0	0	0										0						1					
Race/Ethnicity																									
Hispanic or Latino	1	0	0	1										1						202	10	35	24	32	738
Not Hispanic or Latino																									
American Indian or Alaskan Native	0	0	0	0										0						157	16	35	23	26	740
Asian	2	0	0	2										2						186	18	45	19	18	743
Black or African American	2	0	0	2										2						364	6	22	23	49	733
Native Hawaiian or Pacific Islander	0	0	0	0										0						7					
White	94	2	0	92	9	10	39	42	20	22	24	26	740	92	10	42	22	26	740	13,026	17	43	21	19	742
Two or more races	0	0	0	0										0						101	14	35	18	34	739
No Race/Ethnicity Reported	0	0	0	0										0						1					
LEP Status																									
Current LEP student	0	0	0	0										0						361	3	25	20	52	733
Former LEP student - monitoring year 1	0	0	0	0										0						25	36	36	16	12	747
Former LEP student - monitoring year 2	0	0	0	0										0						12	25	67	8	0	748
All Other Students	99	2	0	97	10	10	39	40	22	23	26	27	740	97	10	40	23	27	740	13,646	17	42	21	20	742
IEP																									
Students with an IEP	15	1	0	14	0	0	0	0	3	21	11	79	728	14	0	0	21	79	728	2,129	2	16	23	59	731
All Other Students	84	1	0	83	10	12	39	47	19	23	15	18	742	83	12	47	23	18	742	11,915	19	47	21	13	744
SES																									
Economically Disadvantaged Students	34	1	0	33	2	6	8	24	10	30	13	39	736	33	6	24	30	39	736	6,044	8	36	26	31	738
All Other Students	65	1	0	64	8	13	31	48	12	19	13	20	742	64	13	48	19	20	742	8,000	23	47	18	12	745
Migrant																									
Migrant Students	0	0	0	0										0						6					
All Other Students	99	2	0	97	10	10	39	40	22	23	26	27	740	97	10	40	23	27	740	14,038	16	42	21	20	742
Title I																									
Students Receiving Title I Services	0	0	0	0										0						1,455	5	29	32	35	737
All Other Students	99	2	0	97	10	10	39	40	22	23	26	27	740	97	10	40	23	27	740	12,589	18	43	20	19	742
504 Plan																									
Students with a 504 Plan	4	0	0	4										4						309	12	46	22	21	741
All Other Students	95	2	0	93	10	11	38	41	22	24	23	25	740	93	11	41	24	25	740	13,735	17	42	21	20	742

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.