



August 2011

DEPARTMENT OF EDUCATION
2010–2011 School Year Reports

Dear School Board Members and School Personnel:

The Maine Comprehensive Assessment System is the State’s measure of student progress in achieving the State standards known as *Learning Results*. The New England Common Assessment Program (NECAP) and Maine Educational Assessment (MEA) are administered in grades 3 through 8 to meet state and federal assessment requirements. Since the spring of 2006, the Maine High School Assessment, consisting of the SAT Reasoning Test™ (SAT) and a science test, has been administered to students in their third year of high school in place of the MEA for state and federal purposes. The move from the MEA to the SAT in grade 11 was made to encourage all students in the goal of attaining college and high-level workplace readiness as well as to measure academic achievement. The high school assessment also includes science testing. The combined set of tests comprises the Maine High School Assessment (MHSA).

These Maine High School Assessment Summary Reports contain the results of your student’s performance in critical reading, mathematics, writing, and science reported according to the academic standards described above and disaggregated by student and school characteristics. The MHSA achievement level standards for the 2011 critical reading, writing, mathematics, and science sections of the MHSA were determined by Maine educators with specific expertise within the content areas. This report, together with individual student and subject-specific student item-level reports, provides support for use in program evaluation and planning. All scores contained in these reports are included for Maine state and federal reporting purposes only. While scores from the SAT may also be used for college admission by most students, they may not be used for that purpose if a student received accommodations during the test administration that exceeded those made available by the College Board.

These results reflect scores based on SAT and science test questions that were taken by the nearly 15,000 publicly-funded students who were enrolled in their third year of high school across all Maine schools. The MHSA employs an assessment design that requires students to create an essay response to a writing prompt, generate answers to open-ended mathematics and science questions, and select answers to multiple-choice questions in all four disciplines. More information about the design, history, and use of the SAT can be found at: <http://www.maine.gov/education/mhsa/index.htm>.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and graduate from any Maine high school prepared for college, career, and citizenship.

Sincerely,

Stephen L. Bowen
Commissioner of Education



High School Report

Test Date: May 2011
Code: 12951853
SAU: ME Sch of Science & Mathematic
School: ME Sch of Science & Mathematic

Contents of the Report

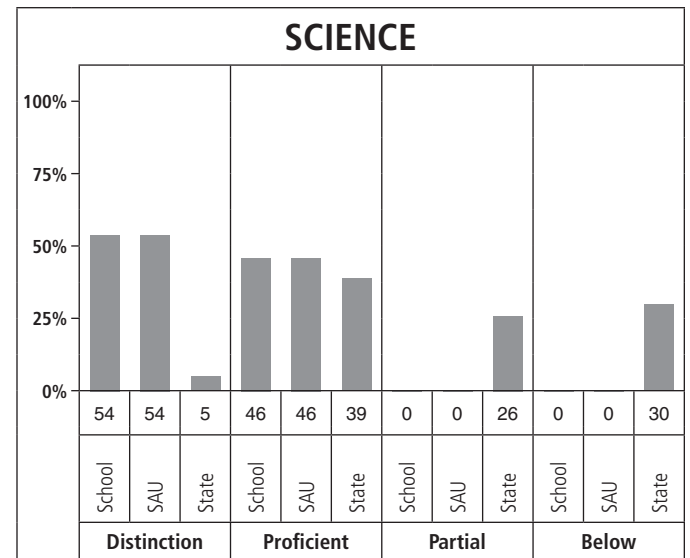
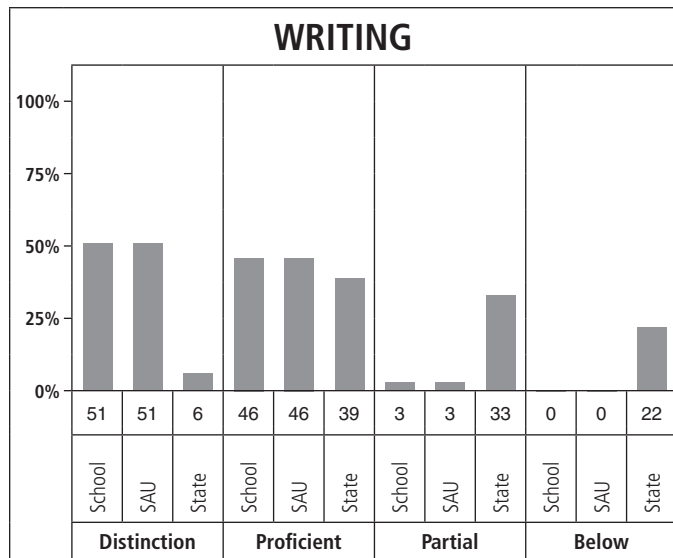
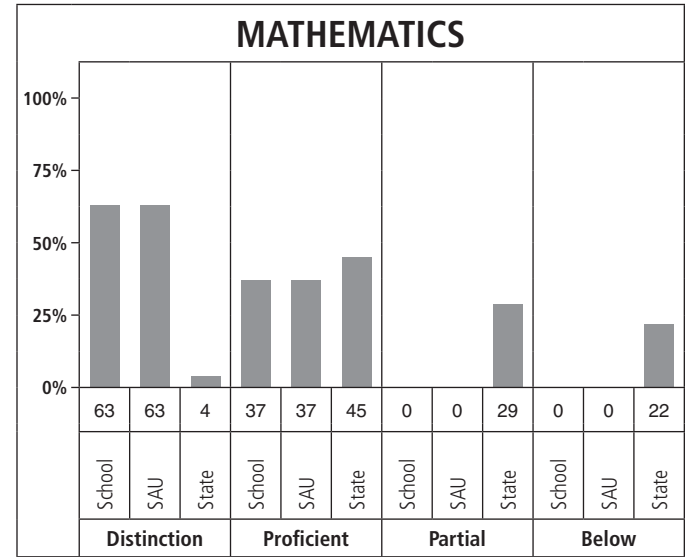
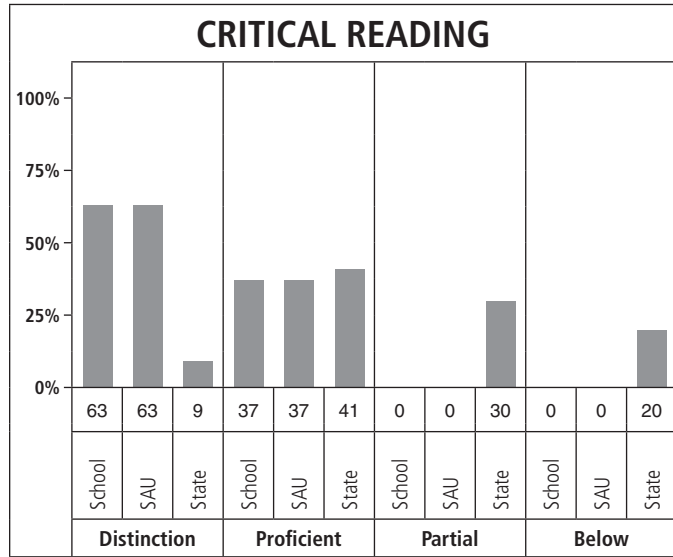
The report is divided into six main sections including a section describing the students tested and a separate section for the results in each content area.

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SUMMARY OF SCORES

Test Date: May 2011
SAU: ME Sch of Science & Mathematic
School: ME Sch of Science & Mathematic

Summary of School, SAU, and State Scores			
Year	Average Scaled Score		
	School	SAU	State
Critical Reading			
2008–2009	1160	1160	1141
2009–2010	1163	1163	1141
2010–2011	1164	1164	1142
Cum. Average*	1163	1163	1141
Mathematics			
2008–2009	1162	1162	1141
2009–2010	1160	1160	1142
2010–2011	1162	1162	1142
Cum. Average*	1161	1161	1142
Writing			
2008–2009	1156	1156	1140
2009–2010	1156	1156	1140
2010–2011	1160	1160	1140
Cum. Average*	1157	1157	1140
Science			
2008–2009	1158	1158	1140
2009–2010	1158	1158	1141
2010–2011	1163	1163	1141
Cum. Average*	1160	1160	1141



*Cumulative averages are weighted—i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: May 2011
SAU: ME Sch of Science & Mathematic
School: ME Sch of Science & Mathematic

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																								
	School		SAU		State		Critical Reading						Mathematics						Writing						Science						
	N	%	N	%	N	%	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		
							N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
Total number of students	39	100	39	100	14331	100	35	90	35	90	13752	96	35	90	35	90	13748	96	35	90	35	90	13759	96	35	90	35	90	13776	96	
Ethnicity Hispanic or Latino	1	3	1	3	174	1	1	100	1	100	155	90	1	100	1	100	155	90	1	100	1	100	155	90	1	100	1	100	160	92	
Not Hispanic or Latino	American Indian or Alaskan Native	0	0	0	0	116	1	0	0	0	0	103	89	0	0	0	0	102	88	0	0	0	0	104	90	0	0	0	0	104	90
	Asian	4	10	4	10	176	1	2	50	2	50	170	97	2	50	2	50	170	97	2	50	2	50	170	97	2	50	2	50	158	90
	Black or African American	1	3	1	3	364	3	1	100	1	100	337	93	1	100	1	100	339	93	1	100	1	100	338	93	1	100	1	100	344	95
	Native Hawaiian or Pacific Islander	0	0	0	0	7	<1	0	0	0	0	6	86	0	0	0	0	6	86	0	0	0	0	6	86	0	0	0	0	7	100
	White	31	79	31	79	13429	94	29	94	29	94	12919	96	29	94	29	94	12914	96	29	94	29	94	12924	96	29	94	29	94	12941	96
Two or more races	2	5	2	5	65	<1	2	100	2	100	62	97	2	100	2	100	62	97	2	100	2	100	62	97	2	100	2	100	62	95	
Identified disability	0	0	0	0	1998	14	0	0	0	0	1820	91	0	0	0	0	1820	91	0	0	0	0	1817	91	0	0	0	0	1846	93	
Current LEP	1	3	1	3	274	2	1	100	1	100	257	94	1	100	1	100	257	94	1	100	1	100	257	94	1	100	1	100	253	92	
Economically disadvantaged	9	23	9	23	4967	35	9	100	9	100	4644	94	9	100	9	100	4644	94	9	100	9	100	4649	94	9	100	9	100	4674	94	
Migrant	0	0	0	0	5	<1	0	0	0	0	3	60	0	0	0	0	3	60	0	0	0	0	3	60	0	0	0	0	4	80	

MODE OF PARTICIPATION ³	Critical Reading						Mathematics						Writing						Science					
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Participation without accommodations	35	90	35	90	12231	85	35	90	35	90	12224	85	35	90	35	90	12238	85	35	90	35	90	12309	86
Identified disability (IEP)	0	0	0	0	732	6	0	0	0	0	730	6	0	0	0	0	731	6	0	0	0	0	786	6
LEP	1	3	1	3	198	2	1	3	1	3	198	2	1	3	1	3	198	2	1	3	1	3	197	2
Participation with accommodations	0	0	0	0	1315	9	0	0	0	0	1312	9	0	0	0	0	1318	9	0	0	0	0	1265	9
Identified disability (IEP)	0	0	0	0	882	67	0	0	0	0	878	67	0	0	0	0	883	67	0	0	0	0	858	68
LEP	0	0	0	0	54	4	0	0	0	0	54	4	0	0	0	0	54	4	0	0	0	0	51	4
Participation through alternate assessment (PAAP)	0	0	0	0	206	1	0	0	0	0	212	1	0	0	0	0	203	1	0	0	0	0	202	1
Identified disability (IEP)	0	0	0	0	206	100	0	0	0	0	212	100	0	0	0	0	203	100	0	0	0	0	202	100
LEP	0	0	0	0	5	2	0	0	0	0	5	2	0	0	0	0	5	2	0	0	0	0	5	2
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0																		
Approved non-participation – special consideration	0	0	0	0	14	<1	0	0	0	0	14	<1	0	0	0	0	14	<1	0	0	0	0	14	<1
Non-participation – other	4	10	4	10	565	4	4	10	4	10	569	4	4	10	4	10	558	4	4	10	4	10	541	4

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

CRITICAL READING RESULTS

Test Date: May 2011
SAU: ME Sch of Science & Mathematic
School: ME Sch of Science & Mathematic

ACHIEVEMENT LEVELS: Achievement level definitions describe the quality of a student’s responses on state-level assessments in relation to the reading standards for achieving Maine’s *Learning Results*.

Maine state-level assessments measure the knowledge and skills of students by sampling identified standards within reading at the grade level assessed. Evidence includes responses to multiple-choice items in an “on demand” setting.

STUDENTS AT EACH ACHIEVEMENT LEVEL

		School		SAU		State	
		N	%	N	%	N	%
Proficient with Distinction – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by applying a variety of reasoning skills and prior knowledge as the student draws in-depth inferences, analyzes texts for subtle clues, synthesizes information across texts, and uses knowledge of text structures and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 1162–1180)	2008-2009	13	48	13	48	1339	9
	2009-2010	21	60	21	60	1369	10
	2010-2011	22	63	22	63	1165	9
	Cum. Total*	56	58	56	58	3873	9
Proficient – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by applying a variety of reasoning skills and prior knowledge as the student draws inferences, identifies summary statements, connects ideas within and across texts, and uses knowledge of text structures and literary devices to increase comprehension. (scaled score 1142–1160)	2008-2009	13	48	13	48	5897	40
	2009-2010	13	37	13	37	5248	38
	2010-2011	13	37	13	37	5595	41
	Cum. Total*	39	40	39	40	16740	40
Partially Proficient – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to use a variety of reasoning skills and prior knowledge varies depending on the texts as s/he draws inferences, identifies summary statements, connects ideas within and across texts, and uses knowledge of text structures and literary devices to support comprehension. (scaled score 1130–1140)	2008-2009	1	4	1	4	4169	28
	2009-2010	1	3	1	3	4121	30
	2010-2011	0	0	0	0	4010	30
	Cum. Total*	2	2	2	2	12300	29
Substantially Below Proficient – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often incorrect leaving the impression that the student found it difficult to use a variety of reasoning skills and prior knowledge as s/he draws inferences, identifies summary statements, connects ideas within and across texts, or uses knowledge of text structures and literary devices to support comprehension. (scaled score 1100–1128)	2008-2009	0	0	0	0	3255	22
	2009-2010	0	0	0	0	3081	22
	2010-2011	0	0	0	0	2776	20
	Cum. Total*	0	0	0	0	9112	22

*Percentages are calculated by dividing the cumulative total of the number of students in the achievement level by the cumulative total of the number of students tested.

CRITICAL READING RESULTS BY REPORTING SUBGROUPS

Test Date: May 2011
SAU: ME Sch of Science & Mathematic
School: ME Sch of Science & Mathematic

REPORTING CATEGORIES	School										SAU					State						
	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	%	%	%	%	
All Students	35	22	63	13	37	0	0	0	0	1164	35	63	37	0	0	1164	13546	9	41	30	20	1142
Gender																						
Male	22	15	68	7	32	0	0	0	0	1164	22	68	32	0	0	1164	7007	8	38	29	24	1140
Female	13	7	54	6	46	0	0	0	0	1164	13	54	46	0	0	1164	6539	9	44	30	16	1143
Not Reported	0										0						0					
Primary Race/Ethnicity																						
Hispanic or Latino	1										1						151	9	36	26	29	1140
American Indian or Alaskan Native	0										0						103	4	31	33	32	1137
Asian	2										2						165	10	42	19	29	1141
Black or African American	1										1						326	2	20	28	50	1131
Native Hawaiian or Pacific Islander	0										0						6					
White (non-Hispanic)	29	19	66	10	34	0	0	0	0	1165	29	66	34	0	0	1165	12734	9	42	30	19	1142
Two or more races	2										2						61	3	36	39	21	1139
LEP Status																						
Currently LEP student	1										1						252	<1	3	19	77	1123
Former LEP student - monitoring year 1	0										0						14	0	36	50	14	1139
Former LEP student - monitoring year 2	0										0						17	0	59	41	0	1143
All Other Students	34	22	65	12	35	0	0	0	0	1164	34	65	35	0	0	1164	13263	9	42	30	19	1142
IEP																						
Students with an IEP	0										0						1614	1	11	26	62	1128
All Other Students	35	22	63	13	37	0	0	0	0	1164	35	63	37	0	0	1164	11932	10	45	30	15	1144
SES																						
Economically Disadvantaged Students	9										9						4522	3	30	33	33	1136
All Other Students	26	18	69	8	31	0	0	0	0	1165	26	69	31	0	0	1165	9024	11	47	28	14	1144
Migrant																						
Migrant Students	0										0						3					
All Other Students	35	22	63	13	37	0	0	0	0	1164	35	63	37	0	0	1164	13543	9	41	30	20	1142
Title 1																						
Students Receiving Title 1 Services	0										0						211	3	18	45	35	1134
All Other Students	35	22	63	13	37	0	0	0	0	1164	35	63	37	0	0	1164	13335	9	42	29	20	1142
504 Plan																						
Students with a 504 plan	0										0						431	9	39	31	22	1141
All Other Students	35	22	63	13	37	0	0	0	0	1164	35	63	37	0	0	1164	13115	9	41	30	20	1142

Level 4 = Proficient with Distinction Level 3 = Proficient Level 2 = Partially Proficient Level 1 = Substantially Below Proficient

NOTE: Some achievement level results have been left blank because fewer than ten (10) students were tested. N = Number

MATHEMATICS RESULTS

Test Date: May 2011
SAU: ME Sch of Science & Mathematic
School: ME Sch of Science & Mathematic

ACHIEVEMENT LEVELS: Achievement level definitions describe the quality of a student’s responses on state-level assessments in relation to the mathematics standards for achieving Maine’s *Learning Results*. Maine state-level assessments measure the knowledge and skills of students by sampling identified standards within mathematics at the grade level assessed. Evidence includes responses to a combination of multiple-choice items and items requiring student-created responses in an “on demand” setting.

STUDENTS AT EACH ACHIEVEMENT LEVEL

		School		SAU		State	
		N	%	N	%	N	%
Proficient with Distinction – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult or unfamiliar problems, and apply complex concepts. (scaled score 1162–1180)	2008-2009	12	44	12	44	596	4
	2009-2010	13	37	13	37	524	4
	2010-2011	22	63	22	63	571	4
	Cum. Total*	47	48	47	48	1691	4
Proficient – The student’s work demonstrates an understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to reason, analyze and solve problems, and apply concepts. (scaled score 1142–1160)	2008-2009	15	56	15	56	5674	38
	2009-2010	22	63	22	63	5736	42
	2010-2011	13	37	13	37	6040	45
	Cum. Total*	50	52	50	52	17450	41
Partially Proficient – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems and apply concepts. (scaled score 1134–1140)	2008-2009	0	0	0	0	4622	31
	2009-2010	0	0	0	0	4444	32
	2010-2011	0	0	0	0	3910	29
	Cum. Total*	0	0	0	0	12976	31
Substantially Below Proficient – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and apply concepts. (scaled score 1100–1132)	2008-2009	0	0	0	0	4116	27
	2009-2010	0	0	0	0	3103	22
	2010-2011	0	0	0	0	3015	22
	Cum. Total*	0	0	0	0	10234	24

*Percentages are calculated by dividing the cumulative total of the number of students in the achievement level by the cumulative total of the number of students tested.

MATHEMATICS RESULTS BY REPORTING SUBGROUPS

Test Date: May 2011
SAU: ME Sch of Science & Mathematic
School: ME Sch of Science & Mathematic

REPORTING CATEGORIES	School										SAU						State					
	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	%	%	%	%	
All Students	35	22	63	13	37	0	0	0	0	1162	35	63	37	0	0	1162	13536	4	45	29	22	1142
Gender																						
Male	22	16	73	6	27	0	0	0	0	1164	22	73	27	0	0	1164	7003	5	45	27	22	1142
Female	13	6	46	7	54	0	0	0	0	1159	13	46	54	0	0	1159	6533	3	44	31	22	1141
Not Reported	0										0						0					
Primary Race/Ethnicity																						
Hispanic or Latino	1										1						151	5	30	33	32	1139
American Indian or Alaskan Native	0										0						102	1	31	29	38	1137
Asian	2										2						165	10	53	19	18	1145
Black or African American	1										1						327	<1	20	26	54	1132
Native Hawaiian or Pacific Islander	0										0						6					
White (non-Hispanic)	29	17	59	12	41	0	0	0	0	1162	29	59	41	0	0	1162	12724	4	46	29	21	1142
Two or more races	2										2						61	5	31	44	20	1140
LEP Status																						
Currently LEP student	1										1						252	2	10	22	66	1130
Former LEP student - monitoring year 1	0										0						14	0	64	21	14	1144
Former LEP student - monitoring year 2	0										0						17	12	47	29	12	1145
All Other Students	34	21	62	13	38	0	0	0	0	1162	34	62	38	0	0	1162	13253	4	45	29	21	1142
IEP																						
Students with an IEP	0										0						1608	<1	9	23	68	1130
All Other Students	35	22	63	13	37	0	0	0	0	1162	35	63	37	0	0	1162	11928	5	49	30	16	1143
SES																						
Economically Disadvantaged Students	9										9						4519	1	29	34	36	1137
All Other Students	26	18	69	8	31	0	0	0	0	1163	26	69	31	0	0	1163	9017	6	52	26	16	1144
Migrant																						
Migrant Students	0										0						3					
All Other Students	35	22	63	13	37	0	0	0	0	1162	35	63	37	0	0	1162	13533	4	45	29	22	1142
Title 1																						
Students Receiving Title 1 Services	0										0						211	<1	14	46	39	1135
All Other Students	35	22	63	13	37	0	0	0	0	1162	35	63	37	0	0	1162	13325	4	45	29	22	1142
504 Plan																						
Students with a 504 plan	0										0						431	4	38	33	25	1141
All Other Students	35	22	63	13	37	0	0	0	0	1162	35	63	37	0	0	1162	13105	4	45	29	22	1142

Level 4 = Proficient with Distinction Level 3 = Proficient Level 2 = Partially Proficient Level 1 = Substantially Below Proficient

NOTE: Some achievement level results have been left blank because fewer than ten (10) students were tested. N = Number

WRITING RESULTS

Test Date: May 2011
SAU: ME Sch of Science & Mathematic
School: ME Sch of Science & Mathematic

ACHIEVEMENT LEVELS: Achievement level definitions describe the quality of a student’s responses on state-level assessments in relation to the writing standards for achieving Maine’s *Learning Results*.

Maine state-level assessments measure the knowledge and skills of students by sampling identified standards within writing at the grade level assessed. Evidence includes responses to a combination of multiple-choice items and items requiring student-created responses in an “on demand” setting.

	STUDENTS AT EACH ACHIEVEMENT LEVEL						
	School		SAU		State		
	N	%	N	%	N	%	
<p>Proficient with Distinction – The student’s responses demonstrate skillful ability to select clear, precise sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity, precision, and overall effectiveness of a passage. The student’s essay demonstrates an effectively developed and insightful point of view on the issue and outstanding critical thinking, with clearly appropriate examples, reasons, and other evidence to support a position. The essay is well-organized and clearly focused, demonstrating clear coherence and smooth progression of ideas and free of most errors in grammar, usage, and mechanics. (scaled score 1162–1180)</p>	2008-2009	8	30	8	30	1062	7
	2009-2010	13	37	13	37	974	7
	2010-2011	18	51	18	51	865	6
	Cum. Total*	39	40	39	40	2901	7
<p>Proficient – The student’s responses demonstrate ability to select clear sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity and overall effectiveness of a passage. The student’s essay demonstrates an effectively developed point of view on the issue and strong critical thinking, with generally appropriate examples, reasons, and other evidence to support a position. The essay is well-organized and focused, demonstrating coherence and progression of ideas and generally free of most errors in grammar, usage, and mechanics. (scaled score 1142–1160)</p>	2008-2009	19	70	19	70	5706	39
	2009-2010	19	54	19	54	5463	40
	2010-2011	16	46	16	46	5255	39
	Cum. Total*	54	56	54	56	16424	39
<p>Partially Proficient – The student’s responses demonstrate inconsistent ability to select clear sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity and overall effectiveness of a passage. The student’s essay demonstrates a developed point of view on the issue and some critical thinking, but may do so inconsistently or with inadequate examples, reasons, or other evidence to support a position. The essay is generally organized and focused, but may demonstrate some lapses in coherence or progression of ideas and may contain errors in grammar, usage, and mechanics. (scaled score 1130–1140)</p>	2008-2009	0	0	0	0	4487	31
	2009-2010	3	9	3	9	4385	32
	2010-2011	1	3	1	3	4419	33
	Cum. Total*	4	4	4	4	13291	32
<p>Substantially Below Proficient – The student’s responses demonstrate limited ability to select clear sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity and overall effectiveness of a passage. The student’s essay demonstrates a vague or seriously limited point of view on the issues and weak critical thinking, with inappropriate or insufficient examples, reasons, or other evidence to support a position. The essay is poorly organized and/or focused and may contain an accumulation of errors in grammar, usage, and mechanics that interfere with understanding the message of the essay. (scaled score 1100–1128)</p>	2008-2009	0	0	0	0	3408	23
	2009-2010	0	0	0	0	2997	22
	2010-2011	0	0	0	0	3017	22
	Cum. Total*	0	0	0	0	9422	22

*Percentages are calculated by dividing the cumulative total of the number of students in the achievement level by the cumulative total of the number of students tested.

WRITING RESULTS BY REPORTING SUBGROUPS

Test Date: May 2011
SAU: ME Sch of Science & Mathematic
School: ME Sch of Science & Mathematic

REPORTING CATEGORIES	School										SAU						State					
	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	%	%	%	%	
All Students	35	18	51	16	46	1	3	0	0	1160	35	51	46	3	0	1160	13556	6	39	33	22	1140
Gender																						
Male	22	11	50	11	50	0	0	0	0	1160	22	50	50	0	0	1160	7014	5	33	34	28	1138
Female	13	7	54	5	38	1	8	0	0	1160	13	54	38	8	0	1160	6542	8	44	31	17	1142
Not Reported	0										0						0					
Primary Race/Ethnicity																						
Hispanic or Latino	1										1						151	7	27	40	25	1138
American Indian or Alaskan Native	0										0						104	5	23	36	37	1134
Asian	2										2						165	5	41	26	28	1139
Black or African American	1										1						327	2	21	29	48	1131
Native Hawaiian or Pacific Islander	0										0						6					
White (non-Hispanic)	29	15	52	13	45	1	3	0	0	1161	29	52	45	3	0	1161	12742	7	39	33	21	1140
Two or more races	2										2						61	2	38	34	26	1138
LEP Status																						
Currently LEP student	1										1						252	<1	3	25	71	1124
Former LEP student - monitoring year 1	0										0						14	0	14	57	29	1136
Former LEP student - monitoring year 2	0										0						17	0	65	35	0	1146
All Other Students	34	17	50	16	47	1	3	0	0	1160	34	50	47	3	0	1160	13273	7	39	33	21	1140
IEP																						
Students with an IEP	0										0						1614	1	8	24	68	1126
All Other Students	35	18	51	16	46	1	3	0	0	1160	35	51	46	3	0	1160	11942	7	43	34	16	1142
SES																						
Economically Disadvantaged Students	9										9						4528	2	26	36	36	1134
All Other Students	26	15	58	10	38	1	4	0	0	1162	26	58	38	4	0	1162	9028	9	45	31	15	1143
Migrant																						
Migrant Students	0										0						3					
All Other Students	35	18	51	16	46	1	3	0	0	1160	35	51	46	3	0	1160	13553	6	39	33	22	1140
Title 1																						
Students Receiving Title 1 Services	0										0						211	1	14	43	42	1132
All Other Students	35	18	51	16	46	1	3	0	0	1160	35	51	46	3	0	1160	13345	6	39	32	22	1140
504 Plan																						
Students with a 504 plan	0										0						434	7	33	37	23	1139
All Other Students	35	18	51	16	46	1	3	0	0	1160	35	51	46	3	0	1160	13122	6	39	32	22	1140

Level 4 = Proficient with Distinction Level 3 = Proficient Level 2 = Partially Proficient Level 1 = Substantially Below Proficient

NOTE: Some achievement level results have been left blank because fewer than ten (10) students were tested. N = Number

SCIENCE RESULTS

Test Date: May 2011
SAU: ME Sch of Science & Mathematic
School: ME Sch of Science & Mathematic

ACHIEVEMENT LEVELS: Achievement level definitions describe the quality of a student's responses on state-level assessments in relation to the science standards for achieving Maine's *Learning Results*.

Maine state-level assessments measure the knowledge and skills of students by sampling identified standards within science at the grade level assessed. Evidence includes responses to a combination of multiple-choice items and items requiring student-created responses in an "on demand" setting.

	STUDENTS AT EACH ACHIEVEMENT LEVEL						
	School		SAU		State		
	N	%	N	%	N	%	
Proficient with Distinction – The student's work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (scaled score 1162–1180)	2008–2009	7	26	7	26	602	4
	2009–2010	12	34	12	34	607	4
	2010–2011	19	54	19	54	644	5
	Cum. Total*	38	39	38	39	1853	4
Proficient – The student's work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student's responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (scaled score 1142–1160)	2008–2009	20	74	20	74	5431	37
	2009–2010	21	60	21	60	5120	37
	2010–2011	16	46	16	46	5312	39
	Cum. Total*	57	59	57	59	15863	37
Partially Proficient – The student's work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (scaled score 1134–1140)	2008–2009	0	0	0	0	3876	26
	2009–2010	2	6	2	6	3857	27
	2010–2011	0	0	0	0	3580	26
	Cum. Total*	2	2	2	2	11313	27
Substantially Below Proficient – The student's work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (scaled score 1100–1132)	2008–2009	0	0	0	0	4958	33
	2009–2010	0	0	0	0	4443	32
	2010–2011	0	0	0	0	4038	30
	Cum. Total*	0	0	0	0	13439	32

Learning Results Content Strands	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	56	100	44.50	79.5	44.50	79.5	24.90	44.5
D. The Physical Setting	34	61	27.70	81.5	27.70	81.5	15.30	45.0
D1/D2 Space/Earth	11	20	8.80	80.0	8.80	80.0	4.60	41.8
D3/D4 Matter and Energy/Force and Motion	23	41	19.00	82.6	19.00	82.6	10.70	46.5
E. The Living Environment	22	39	16.80	76.4	16.80	76.4	9.60	43.6

The MHPA assesses students' science knowledge based on questions that measure the science accountability content strands highlighted in Maine's 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at <http://www.maine.gov/education/lres/pei/index.html>.

Content Strand D. The Physical Setting
 D1 - Universe and Solar System
 D2 - Earth
 D3 - Matter and Energy
 D4 - Force and Motion

Content Strand E. The Living Environment
 E1 - Biodiversity
 E2 - Ecosystems
 E3 - Cells
 E4 - Heredity and Reproduction
 E5 - Evolution

*Percentages are calculated by dividing the cumulative total of the number of students in the achievement level by the cumulative total of the number of students tested.

SCIENCE RESULTS BY REPORTING SUBGROUPS

Test Date: May 2011
SAU: ME Sch of Science & Mathematic
School: ME Sch of Science & Mathematic

REPORTING CATEGORIES	School										SAU						State					
	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	%	%	%	%	
All Students	35	19	54	16	46	0	0	0	0	1163	35	54	46	0	0	1163	13574	5	39	26	30	1141
Gender																						
Male	22	14	64	8	36	0	0	0	0	1165	22	64	36	0	0	1165	7041	6	42	24	29	1142
Female	13	5	38	8	62	0	0	0	0	1161	13	38	62	0	0	1161	6533	3	36	29	31	1140
Not Reported	0										0						0					
Primary Race/Ethnicity																						
Hispanic or Latino	1										1						156	5	33	26	37	1140
American Indian or Alaskan Native	0										0						104	3	23	30	44	1137
Asian	2										2						153	6	44	25	25	1142
Black or African American	1										1						333	1	17	15	67	1132
Native Hawaiian or Pacific Islander	0										0						7					
White (non-Hispanic)	29	16	55	13	45	0	0	0	0	1163	29	55	45	0	0	1163	12760	5	40	27	29	1141
Two or more races	2										2						61	3	36	31	30	1140
LEP Status																						
Currently LEP student	1										1						248	1	5	11	83	1128
Former LEP student - monitoring year 1	0										0						13	0	31	54	15	1140
Former LEP student - monitoring year 2	0										0						16	0	50	31	19	1142
All Other Students	34	19	56	15	44	0	0	0	0	1164	34	56	44	0	0	1164	13297	5	40	27	29	1141
IEP																						
Students with an IEP	0										0						1644	1	10	19	70	1132
All Other Students	35	19	54	16	46	0	0	0	0	1163	35	54	46	0	0	1163	11930	5	43	27	24	1142
SES																						
Economically Disadvantaged Students	9										9						4554	2	26	28	44	1137
All Other Students	26	16	62	10	38	0	0	0	0	1165	26	62	38	0	0	1165	9020	6	46	26	22	1143
Migrant																						
Migrant Students	0										0						4					
All Other Students	35	19	54	16	46	0	0	0	0	1163	35	54	46	0	0	1163	13570	5	39	26	30	1141
Title 1																						
Students Receiving Title 1 Services	0										0						210	0	18	31	51	1135
All Other Students	35	19	54	16	46	0	0	0	0	1163	35	54	46	0	0	1163	13364	5	39	26	29	1141
504 Plan																						
Students with a 504 plan	0										0						430	5	40	25	30	1142
All Other Students	35	19	54	16	46	0	0	0	0	1163	35	54	46	0	0	1163	13144	5	39	26	30	1141

Level 4 = Proficient with Distinction Level 3 = Proficient Level 2 = Partially Proficient Level 1 = Substantially Below Proficient

NOTE: Some achievement level results have been left blank because fewer than ten (10) students were tested. N = Number