



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: 31641660
SAU: RSU 18
School: Messalonskee High School

Contents of the Report

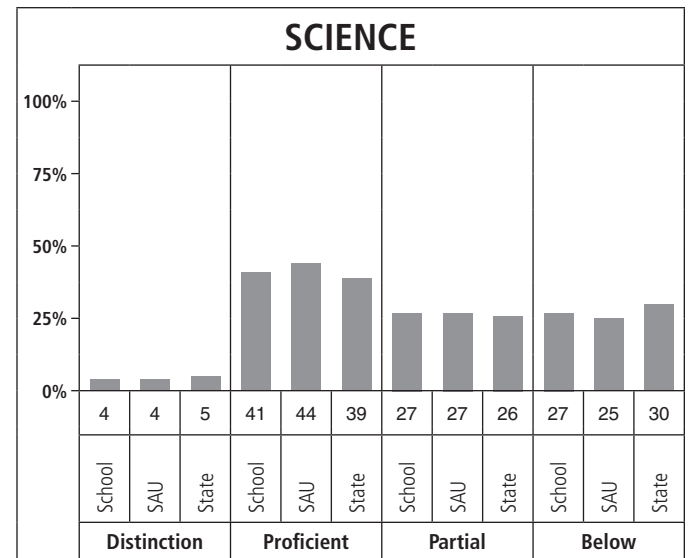
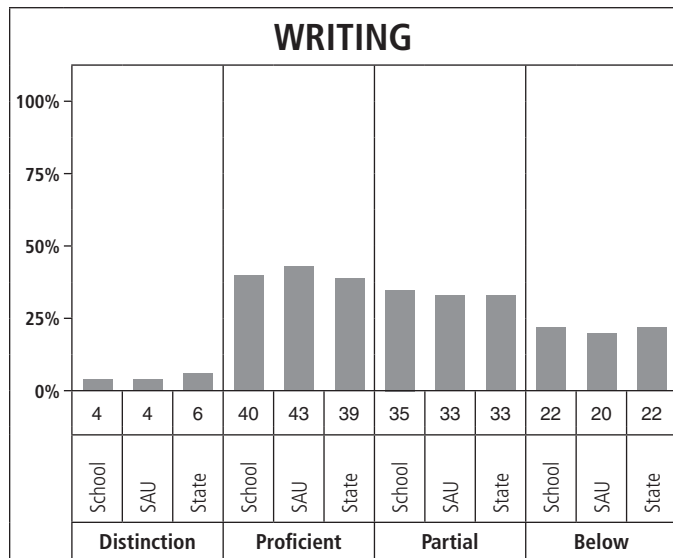
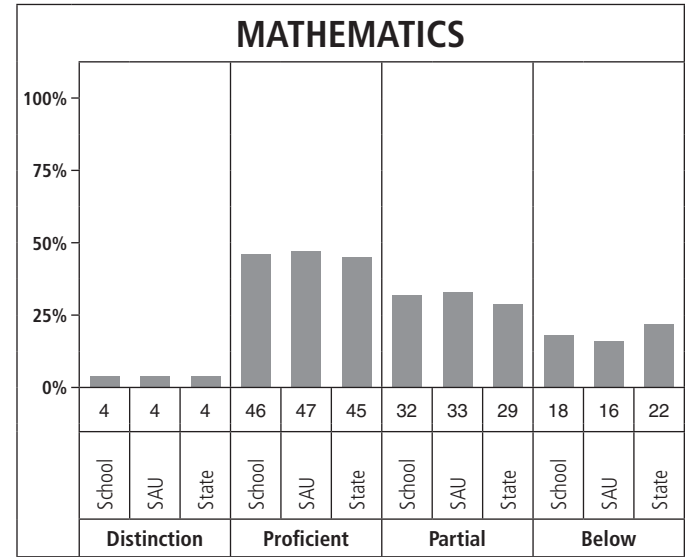
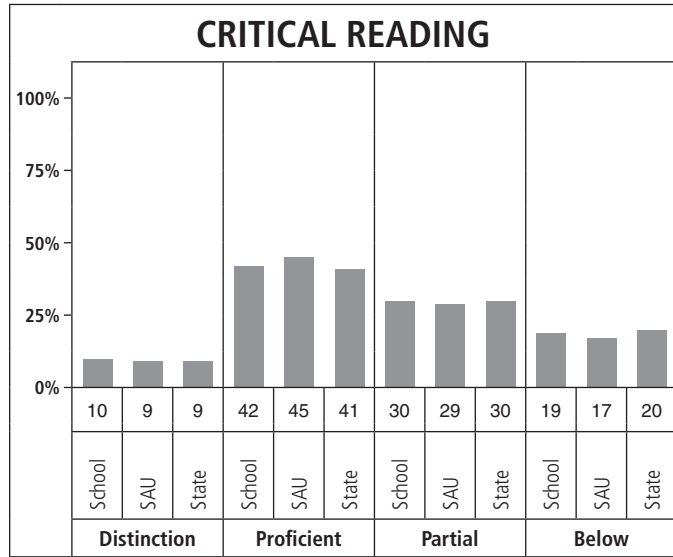
The report is divided into six main sections including a section describing the students tested and a separate section for the results in each content area.

<i>Topic</i>	<i>Page</i>
Summary of Scores	2
Summary of Student Participation	3
Critical Reading Results	4–5
Mathematics Results	6–7
Writing Results	8–9
Science Results	10–11

SUMMARY OF SCORES

Test Date: May 2011
SAU: RSU 18
School: Messalonskee High School

Summary of School, SAU, and State Scores			
Year	Average Scaled Score		
	School	SAU	State
Critical Reading			
2008–2009	1140		1141
2009–2010	1140	1141	1141
2010–2011	1142	1142	1142
Cum. Average*	1141		1141
Mathematics			
2008–2009	1142		1141
2009–2010	1142	1142	1142
2010–2011	1142	1143	1142
Cum. Average*	1142		1142
Writing			
2008–2009	1138		1140
2009–2010	1137	1138	1140
2010–2011	1140	1141	1140
Cum. Average*	1138		1140
Science			
2008–2009	1140		1140
2009–2010	1141	1141	1141
2010–2011	1142	1142	1141
Cum. Average*	1141		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: RSU 18
School: Messalonskee High School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																								
	School		SAU		State		Critical Reading						Mathematics						Writing						Science						
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%			
Total number of students	203	100	253	100	14331	100	199	98	247	98	13752	96	200	99	248	98	13748	96	200	99	248	98	13759	96	193	95	243	96	13776	96	
Ethnicity Hispanic or Latino	3	1	3	1	174	1	3	100	3	100	155	90	3	100	3	100	155	90	3	100	3	100	155	90	3	100	3	100	160	92	
Not Hispanic or Latino	American Indian or Alaskan Native	0	0	1	<1	116	1	0	0	1	100	103	89	0	0	1	100	102	88	0	0	1	100	104	90	0	0	1	100	104	90
	Asian	1	<1	1	<1	176	1	1	100	1	100	170	97	1	100	1	100	170	97	1	100	1	100	170	97	1	100	1	100	158	90
	Black or African American	3	1	3	1	364	3	3	100	3	100	337	93	3	100	3	100	339	93	3	100	3	100	338	93	3	100	3	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	196	97	244	96	13429	94	192	98	238	98	12919	96	193	98	239	98	12914	96	193	98	239	98	12924	96	186	95	234	96	12941	96
Two or more races	0	0	1	<1	65	<1	0	0	1	100	62	97	0	0	1	100	62	97	0	0	1	100	62	97	0	0	1	100	62	95	
Identified disability	20	10	25	10	1998	14	19	95	23	92	1820	91	19	95	23	92	1820	91	19	95	23	92	1817	91	20	100	25	100	1846	93	
Current LEP	0	0	0	0	274	2	0	0	0	0	257	94	0	0	0	0	257	94	0	0	0	0	257	94	0	0	0	0	253	92	
Economically disadvantaged	38	19	49	19	4967	35	35	92	46	94	4644	94	35	92	46	94	4644	94	35	92	46	94	4649	94	34	89	45	92	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	183	90	228	90	12231	85	183	90	228	90	12224	85	183	90	228	90	12238	85	177	87	224	89	12309	86
Identified disability (IEP)	9	5	10	4	732	6	9	5	10	4	730	6	9	5	10	4	731	6	10	6	12	5	786	6
LEP	0	0	0	0	198	2	0	0	0	0	198	2	0	0	0	0	198	2	0	0	0	0	197	2
Participation with accommodations	16	8	18	7	1315	9	17	8	19	8	1312	9	17	8	19	8	1318	9	16	8	18	7	1265	9
Identified disability (IEP)	10	63	12	67	882	67	10	59	12	63	878	67	10	59	12	63	883	67	10	63	12	67	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	1	<1	206	1	0	0	1	<1	212	1	0	0	1	<1	203	1	0	0	1	<1	202	1
Identified disability (IEP)	0	0	1	100	206	100	0	0	1	100	212	100	0	0	1	100	203	100	0	0	1	100	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	2	6	2	565	4	3	1	5	2	569	4	3	1	5	2	558	4	10	5	10	4	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: RSU 18
 School: Messalonskee High School

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	19	9			1339	9
	2009-2010	14	7	26	10	1369	10
	2010-2011	20	10	22	9	1165	9
	Cum. Total*	53	9			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	75	36			5897	40
	2009-2010	65	35	83	33	5248	38
	2010-2011	83	42	111	45	5595	41
	Cum. Total*	223	38			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	62	30			4169	28
	2009-2010	57	30	81	32	4121	30
	2010-2011	59	30	71	29	4010	30
	Cum. Total*	178	30			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	50	24			3255	22
	2009-2010	51	27	63	25	3081	22
	2010-2011	37	19	42	17	2776	20
	Cum. Total*	138	23			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: RSU 18
School: Messalonskee High School

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	199	20	10	83	42	59	30	37	19	1142	246	9	45	29	17	1142	13546	9	41	30	20	1142
Gender																						
Male	102	11	11	42	41	25	25	24	24	1141	125	10	45	24	21	1142	7007	8	38	29	24	1140
Female	97	9	9	41	42	34	35	13	13	1143	121	7	45	34	13	1143	6539	9	44	30	16	1143
Not Reported	0										0						0					
Primary Race/Ethnicity																						
Hispanic or Latino	3										3						151	9	36	26	29	1140
American Indian or Alaskan Native	0										1						103	4	31	33	32	1137
Asian	1										1						165	10	42	19	29	1141
Black or African American	3										3						326	2	20	28	50	1131
Native Hawaiian or Pacific Islander	0										0						6					
White (non-Hispanic)	192	18	9	80	42	57	30	37	19	1142	237	8	46	28	18	1142	12734	9	42	30	19	1142
Two or more races	0										1						61	3	36	39	21	1139
LEP Status																						
Currently LEP student	0										0						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	199	20	10	83	42	59	30	37	19	1142	246	9	45	29	17	1142	13263	9	42	30	19	1142
IEP																						
Students with an IEP	19	0	0	1	5	5	26	13	68	1127	22	0	5	27	68	1127	1614	1	11	26	62	1128
All Other Students	180	20	11	82	46	54	30	24	13	1144	224	10	49	29	12	1144	11932	10	45	30	15	1144
SES																						
Economically Disadvantaged Students	35	0	0	13	37	8	23	14	40	1135	46	0	35	28	37	1135	4522	3	30	33	33	1136
All Other Students	164	20	12	70	43	51	31	23	14	1143	200	11	48	29	13	1144	9024	11	47	28	14	1144
Migrant																						
Migrant Students	0										0						3					
All Other Students	199	20	10	83	42	59	30	37	19	1142	246	9	45	29	17	1142	13543	9	41	30	20	1142
Title 1																						
Students Receiving Title 1 Services	0										0						211	3	18	45	35	1134
All Other Students	199	20	10	83	42	59	30	37	19	1142	246	9	45	29	17	1142	13335	9	42	29	20	1142
504 Plan																						
Students with a 504 plan	9										9						431	9	39	31	22	1141
All Other Students	190	20	11	80	42	53	28	37	19	1142	237	9	46	27	18	1142	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: RSU 18
School: Messalonskee High School

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	8	4			596	4
	2009-2010	10	5	10	4	524	4
	2010-2011	8	4	9	4	571	4
	Cum. Total*	26	4			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	86	42			5674	38
	2009-2010	74	40	106	42	5736	42
	2010-2011	92	46	116	47	6040	45
	Cum. Total*	252	42			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	67	33			4622	31
	2009-2010	65	35	81	32	4444	32
	2010-2011	64	32	82	33	3910	29
	Cum. Total*	196	33			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	45	22			4116	27
	2009-2010	38	20	56	22	3103	22
	2010-2011	36	18	40	16	3015	22
	Cum. Total*	119	20			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: RSU 18
School: Messalonskee High School

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	200	8	4	92	46	64	32	36	18	1142	247	4	47	33	16	1143	13536	4	45	29	22	1142
Gender																						
Male	103	6	6	51	50	31	30	15	15	1144	126	6	53	28	13	1144	7003	5	45	27	22	1142
Female	97	2	2	41	42	33	34	21	22	1140	121	2	40	39	19	1141	6533	3	44	31	22	1141
Not Reported	0										0						0					
Primary Race/Ethnicity																						
Hispanic or Latino	3										3						151	5	30	33	32	1139
American Indian or Alaskan Native	0										1						102	1	31	29	38	1137
Asian	1										1						165	10	53	19	18	1145
Black or African American	3										3						327	<1	20	26	54	1132
Native Hawaiian or Pacific Islander	0										0						6					
White (non-Hispanic)	193	8	4	89	46	62	32	34	18	1142	238	4	47	33	16	1143	12724	4	46	29	21	1142
Two or more races	0										1						61	5	31	44	20	1140
LEP Status																						
Currently LEP student	0										0						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	200	8	4	92	46	64	32	36	18	1142	247	4	47	33	16	1143	13253	4	45	29	21	1142
IEP																						
Students with an IEP	19	0	0	2	11	6	32	11	58	1131	22	0	9	27	64	1130	1608	<1	9	23	68	1130
All Other Students	181	8	4	90	50	58	32	25	14	1143	225	4	51	34	12	1144	11928	5	49	30	16	1143
SES																						
Economically Disadvantaged Students	35	0	0	15	43	7	20	13	37	1137	46	0	41	26	33	1138	4519	1	29	34	36	1137
All Other Students	165	8	5	77	47	57	35	23	14	1143	201	4	48	35	12	1144	9017	6	52	26	16	1144
Migrant																						
Migrant Students	0										0						3					
All Other Students	200	8	4	92	46	64	32	36	18	1142	247	4	47	33	16	1143	13533	4	45	29	22	1142
Title 1																						
Students Receiving Title 1 Services	0										0						211	<1	14	46	39	1135
All Other Students	200	8	4	92	46	64	32	36	18	1142	247	4	47	33	16	1143	13325	4	45	29	22	1142
504 Plan																						
Students with a 504 plan	10	0	0	3	30	5	50	2	20	1140	10	0	30	50	20	1140	431	4	38	33	25	1141
All Other Students	190	8	4	89	47	59	31	34	18	1142	237	4	48	32	16	1143	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: RSU 18
School: Messalonskee High School

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	13	6			1062	7
	2009-2010	3	2	10	4	974	7
	2010-2011	8	4	10	4	865	6
	Cum. Total*	24	4			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	63	31			5706	39
	2009-2010	72	39	96	38	5463	40
	2010-2011	79	40	106	43	5255	39
	Cum. Total*	214	36			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	76	37			4487	31
	2009-2010	55	29	77	30	4385	32
	2010-2011	69	35	82	33	4419	33
	Cum. Total*	200	34			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	54	26			3408	23
	2009-2010	57	30	70	28	2997	22
	2010-2011	44	22	49	20	3017	22
	Cum. Total*	155	26			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: RSU 18
School: Messalonskee High School

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	200	8	4	79	40	69	35	44	22	1140	247	4	43	33	20	1141	13556	6	39	33	22	1140
Gender																						
Male	103	3	3	35	34	37	36	28	27	1138	126	4	37	34	25	1139	7014	5	33	34	28	1138
Female	97	5	5	44	45	32	33	16	16	1142	121	4	49	32	15	1143	6542	8	44	31	17	1142
Not Reported	0										0						0					
Primary Race/Ethnicity																						
Hispanic or Latino	3										3						151	7	27	40	25	1138
American Indian or Alaskan Native	0										1						104	5	23	36	37	1134
Asian	1										1						165	5	41	26	28	1139
Black or African American	3										3						327	2	21	29	48	1131
Native Hawaiian or Pacific Islander	0										0						6					
White (non-Hispanic)	193	8	4	76	39	65	34	44	23	1140	238	4	43	32	21	1141	12742	7	39	33	21	1140
Two or more races	0										1						61	2	38	34	26	1138
LEP Status																						
Currently LEP student	0										0						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	200	8	4	79	40	69	35	44	22	1140	247	4	43	33	20	1141	13273	7	39	33	21	1140
IEP																						
Students with an IEP	19	0	0	0	0	5	26	14	74	1123	22	0	0	23	77	1123	1614	1	8	24	68	1126
All Other Students	181	8	4	79	44	64	35	30	17	1142	225	4	47	34	14	1142	11942	7	43	34	16	1142
SES																						
Economically Disadvantaged Students	35	1	3	9	26	8	23	17	49	1133	46	2	26	28	43	1134	4528	2	26	36	36	1134
All Other Students	165	7	4	70	42	61	37	27	16	1141	201	4	47	34	14	1142	9028	9	45	31	15	1143
Migrant																						
Migrant Students	0										0						3					
All Other Students	200	8	4	79	40	69	35	44	22	1140	247	4	43	33	20	1141	13553	6	39	33	22	1140
Title 1																						
Students Receiving Title 1 Services	0										0						211	1	14	43	42	1132
All Other Students	200	8	4	79	40	69	35	44	22	1140	247	4	43	33	20	1141	13345	6	39	32	22	1140
504 Plan																						
Students with a 504 plan	10	0	0	5	50	4	40	1	10	1140	10	0	50	40	10	1140	434	7	33	37	23	1139
All Other Students	190	8	4	74	39	65	34	43	23	1140	237	4	43	33	20	1141	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: RSU 18
School: Messalonskee High School

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	6	3			602	4
	2009–2010	9	5	10	4	607	4
	2010–2011	8	4	10	4	644	5
	Cum. Total*	23	4			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	77	38			5431	37
	2009–2010	71	38	101	40	5120	37
	2010–2011	79	41	106	44	5312	39
	Cum. Total*	227	39			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	54	26			3876	26
	2009–2010	42	23	56	22	3857	27
	2010–2011	53	27	65	27	3580	26
	Cum. Total*	149	26			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	68	33			4958	33
	2009–2010	63	34	84	33	4443	32
	2010–2011	53	27	61	25	4038	30
	Cum. Total*	184	32			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	25.30	45.2	26.00	46.4	24.90	44.5
D. The Physical Setting	34	61	15.50	45.6	16.00	47.1	15.30	45.0
D1/D2 Space/Earth	11	20	4.60	41.8	4.70	42.7	4.60	41.8
D3/D4 Matter and Energy/Force and Motion	23	41	10.80	47.0	11.30	49.1	10.70	46.5
E. The Living Environment	22	39	9.90	45.0	10.00	45.5	9.60	43.6

The MHSA 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

SCIENCE RESULTS

BY REPORTING SUBGROUPS

Test Date: May 2011
SAU: RSU 18
School: Messalonskee High School

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	193	8	4	79	41	53	27	53	27	1142	242	4	44	27	25	1142	13574	5	39	26	30	1141
Gender																						
Male	102	7	7	43	42	25	25	27	26	1143	126	7	46	24	23	1144	7041	6	42	24	29	1142
Female	91	1	1	36	40	28	31	26	29	1140	116	1	41	30	28	1140	6533	3	36	29	31	1140
Not Reported	0										0						0					
Primary Race/Ethnicity																						
Hispanic or Latino	3										3						156	5	33	26	37	1140
American Indian or Alaskan Native	0										1						104	3	23	30	44	1137
Asian	1										1						153	6	44	25	25	1142
Black or African American	3										3						333	1	17	15	67	1132
Native Hawaiian or Pacific Islander	0										0						7					
White (non-Hispanic)	186	8	4	76	41	51	27	51	27	1142	233	4	44	26	25	1142	12760	5	40	27	29	1141
Two or more races	0										1						61	3	36	31	30	1140
LEP Status																						
Currently LEP student	0										0						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	193	8	4	79	41	53	27	53	27	1142	242	4	44	27	25	1142	13297	5	40	27	29	1141
IEP																						
Students with an IEP	20	0	0	1	5	4	20	15	75	1130	24	0	4	25	71	1129	1644	1	10	19	70	1132
All Other Students	173	8	5	78	45	49	28	38	22	1143	218	5	48	27	20	1143	11930	5	43	27	24	1142
SES																						
Economically Disadvantaged Students	34	0	0	9	26	8	24	17	50	1136	45	0	29	24	47	1137	4554	2	26	28	44	1137
All Other Students	159	8	5	70	44	45	28	36	23	1143	197	5	47	27	20	1143	9020	6	46	26	22	1143
Migrant																						
Migrant Students	0										0						4					
All Other Students	193	8	4	79	41	53	27	53	27	1142	242	4	44	27	25	1142	13570	5	39	26	30	1141
Title 1																						
Students Receiving Title 1 Services	0										0						210	0	18	31	51	1135
All Other Students	193	8	4	79	41	53	27	53	27	1142	242	4	44	27	25	1142	13364	5	39	26	29	1141
504 Plan																						
Students with a 504 plan	9										9						430	5	40	25	30	1142
All Other Students	184	8	4	75	41	49	27	52	28	1142	233	4	44	26	26	1142	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