



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: 12031507
SAU: RSU 09/MSAD 09
School: Mt Blue High School

Contents of the Report

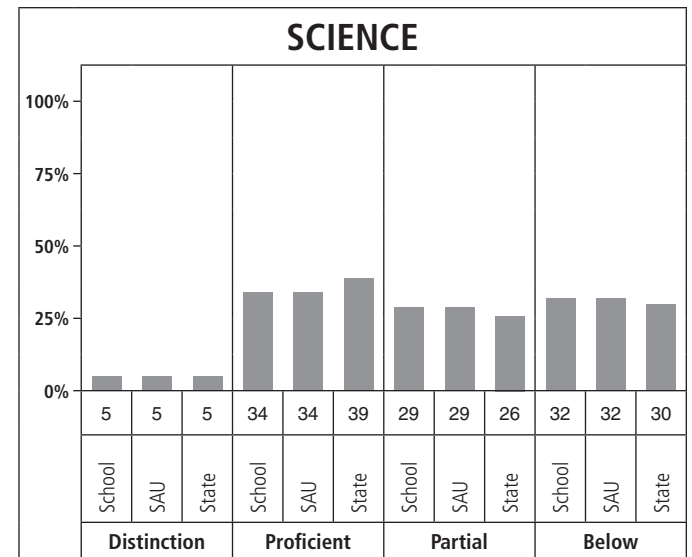
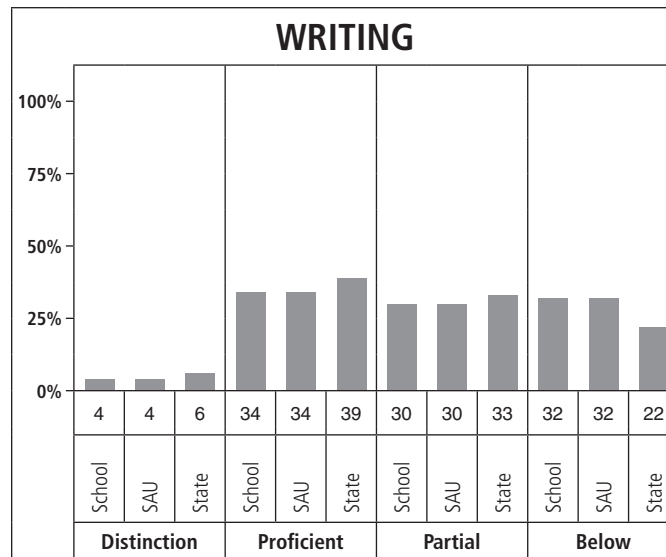
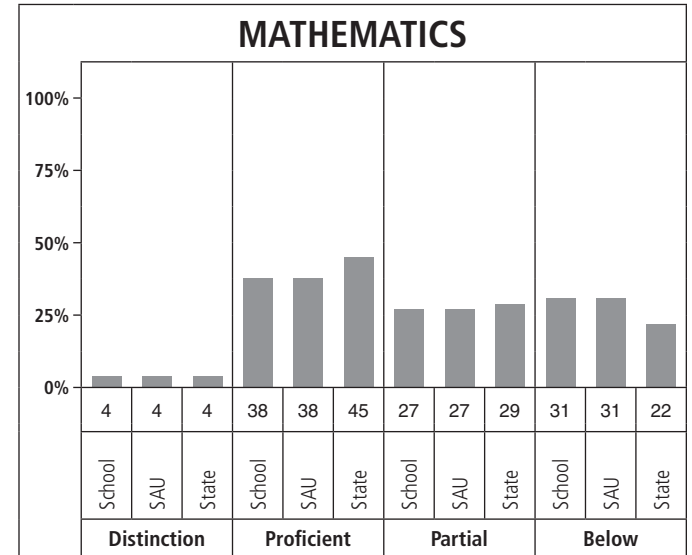
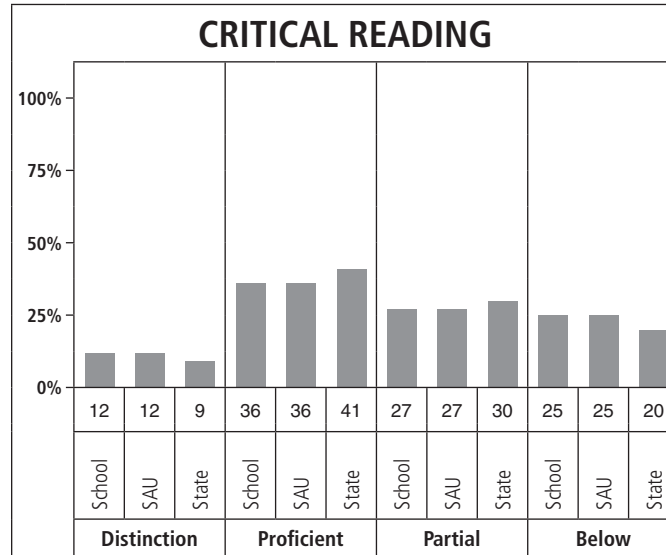
The report is divided into six main sections including a section describing the students tested and a separate section for the results in each content area.

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SUMMARY OF SCORES

Test Date: May 2011
SAU: RSU 09/MSAD 09
School: Mt Blue High School

Summary of School, SAU, and State Scores			
Year	Average Scaled Score		
	School	SAU	State
Critical Reading			
2008–2009	1140	1140	1141
2009–2010	1141	1141	1141
2010–2011	1141	1141	1142
Cum. Average*	1141	1141	1141
Mathematics			
2008–2009	1140	1140	1141
2009–2010	1140	1140	1142
2010–2011	1140	1140	1142
Cum. Average*	1140	1140	1142
Writing			
2008–2009	1139	1139	1140
2009–2010	1139	1139	1140
2010–2011	1138	1138	1140
Cum. Average*	1139	1139	1140
Science			
2008–2009	1140	1140	1140
2009–2010	1141	1141	1141
2010–2011	1140	1140	1141
Cum. Average*	1140	1140	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 09/MSAD 09
School: Mt Blue 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	%	N	%	N	%
Total number of students	180	100	180	100	14331	100	172	96	172	96	13752	96	172	96	172	96	13748	96	172	96	172	96	13759	96	176	98	176	98	13776	96		
Ethnicity Hispanic or Latino	1	1	1	1	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	2	1	2	1	116	1	1	50	1	50	103	89	1	50	1	50	102	88	1	50	1	50	104	90	2	100	2	100	104	90	
	Asian	2	1	2	1	176	1	2	100	2	100	170	97	2	100	2	100	170	97	2	100	2	100	170	97	2	100	2	100	158	90	
	Black or African American	0	0	0	0	364	3	0	0	0	0	337	93	0	0	0	0	339	93	0	0	0	0	338	93	0	0	0	0	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	174	97	174	97	13429	94	167	96	167	96	12919	96	167	96	167	96	12914	96	167	96	167	96	12924	96	170	98	170	98	12941	96	
Two or more races	1	1	1	1	65	<1	1	100	1	100	62	97	1	100	1	100	62	97	1	100	1	100	62	97	1	100	1	100	62	95		
Identified disability	24	13	24	13	1998	14	20	83	20	83	1820	91	20	83	20	83	1820	91	20	83	20	83	1817	91	21	88	21	88	1846	93		
Current LEP	1	1	1	1	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	101	56	101	56	4967	35	95	94	95	94	4644	94	95	94	95	94	4644	94	95	94	95	94	4649	94	97	96	97	96	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	145	81	145	81	12231	85	145	81	145	81	12224	85	145	81	145	81	12238	85	150	83	150	83	12309	86
Identified disability (IEP)	2	1	2	1	732	6	2	1	2	1	730	6	2	1	2	1	731	6	3	2	3	2	786	6
LEP	1	1	1	1	198	2	1	1	1	1	198	2	1	1	1	1	198	2	1	1	1	1	197	2
Participation with accommodations	24	13	24	13	1315	9	24	13	24	13	1312	9	24	13	24	13	1318	9	23	13	23	13	1265	9
Identified disability (IEP)	15	63	15	63	882	67	15	63	15	63	878	67	15	63	15	63	883	67	15	65	15	65	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)	3	2	3	2	206	1	3	2	3	2	212	1	3	2	3	2	203	1	3	2	3	2	202	1
Identified disability (IEP)	3	100	3	100	206	100	3	100	3	100	212	100	3	100	3	100	203	100	3	100	3	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	8	4	8	4	565	4	8	4	8	4	569	4	8	4	8	4	558	4	4	2	4	2	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 09/MSAD 09
School: Mt Blue 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	16	9	16	9	1339	9
	2009-2010	20	11	20	11	1369	10
	2010-2011	20	12	20	12	1165	9
	Cum. Total*	56	10	56	10	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	73	39	72	39	5897	40
	2009-2010	61	33	61	33	5248	38
	2010-2011	60	36	60	36	5595	41
	Cum. Total*	194	36	193	36	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	47	25	47	26	4169	28
	2009-2010	61	33	61	33	4121	30
	2010-2011	46	27	46	27	4010	30
	Cum. Total*	154	28	154	29	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	49	26	49	27	3255	22
	2009-2010	45	24	45	24	3081	22
	2010-2011	43	25	43	25	2776	20
	Cum. Total*	137	25	137	25	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 09/MSAD 09
School: Mt Blue 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	169	20	12	60	36	46	27	43	25	1141	169	12	36	27	25	1141	13546	9	41	30	20	1142
Gender																						
Male	87	11	13	30	34	22	25	24	28	1141	87	13	34	25	28	1141	7007	8	38	29	24	1140
Female	82	9	11	30	37	24	29	19	23	1141	82	11	37	29	23	1141	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	1										1						103	4	31	33	32	1137
Asian	2										2						165	10	42	19	29	1141
Black or African American	0										0						326	2	20	28	50	1131
Native Hawaiian or Pacific Islander	0										0						6					
White (non-Hispanic)	164	17	10	59	36	46	28	42	26	1140	164	10	36	28	26	1140	12734	9	42	30	19	1142
Two or more races	1										1						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	168	20	12	60	36	46	27	42	25	1141	168	12	36	27	25	1141	13263	9	42	30	19	1142
IEP																						
Students with an IEP	17	0	0	0	0	4	24	13	76	1123	17	0	0	24	76	1123	1614	1	11	26	62	1128
All Other Students	152	20	13	60	39	42	28	30	20	1143	152	13	39	28	20	1143	11932	10	45	30	15	1144
SES																						
Economically Disadvantaged Students	92	7	8	24	26	27	29	34	37	1136	92	8	26	29	37	1136	4522	3	30	33	33	1136
All Other Students	77	13	17	36	47	19	25	9	12	1146	77	17	47	25	12	1146	9024	11	47	28	14	1144
Migrant																						
Migrant Students	0										0						3					
All Other Students	169	20	12	60	36	46	27	43	25	1141	169	12	36	27	25	1141	13543	9	41	30	20	1142
Title 1																						
Students Receiving Title 1 Services	0										0						211	3	18	45	35	1134
All Other Students	169	20	12	60	36	46	27	43	25	1141	169	12	36	27	25	1141	13335	9	42	29	20	1142
504 Plan																						
Students with a 504 plan	2										2						431	9	39	31	22	1141
All Other Students	167	20	12	60	36	45	27	42	25	1141	167	12	36	27	25	1141	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 09/MSAD 09
School: Mt Blue 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	8	4	596	4
	2009-2010	4	2	4	2	524	4
	2010-2011	6	4	6	4	571	4
	Cum. Total*	18	3	18	3	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	66	35	65	34	5674	38
	2009-2010	70	37	70	37	5736	42
	2010-2011	65	38	65	38	6040	45
	Cum. Total*	201	37	200	37	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	57	30	57	30	4622	31
	2009-2010	65	35	65	35	4444	32
	2010-2011	46	27	46	27	3910	29
	Cum. Total*	168	31	168	31	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	59	31	59	31	4116	27
	2009-2010	48	26	48	26	3103	22
	2010-2011	52	31	52	31	3015	22
	Cum. Total*	159	29	159	29	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 09/MSAD 09
School: Mt Blue 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	169	6	4	65	38	46	27	52	31	1140	169	4	38	27	31	1140	13536	4	45	29	22	1142
Gender																						
Male	87	5	6	35	40	20	23	27	31	1142	87	6	40	23	31	1142	7003	5	45	27	22	1142
Female	82	1	1	30	37	26	32	25	30	1138	82	1	37	32	30	1138	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	1										1						102	1	31	29	38	1137
Asian	2										2						165	10	53	19	18	1145
Black or African American	0										0						327	<1	20	26	54	1132
Native Hawaiian or Pacific Islander	0										0						6					
White (non-Hispanic)	164	5	3	62	38	45	27	52	32	1140	164	3	38	27	32	1140	12724	4	46	29	21	1142
Two or more races	1										1						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	168	6	4	64	38	46	27	52	31	1140	168	4	38	27	31	1140	13253	4	45	29	21	1142
IEP																						
Students with an IEP	17	0	0	0	0	1	6	16	94	1126	17	0	0	6	94	1126	1608	<1	9	23	68	1130
All Other Students	152	6	4	65	43	45	30	36	24	1142	152	4	43	30	24	1142	11928	5	49	30	16	1143
SES																						
Economically Disadvantaged Students	92	3	3	24	26	27	29	38	41	1137	92	3	26	29	41	1137	4519	1	29	34	36	1137
All Other Students	77	3	4	41	53	19	25	14	18	1143	77	4	53	25	18	1143	9017	6	52	26	16	1144
Migrant																						
Migrant Students	0										0						3					
All Other Students	169	6	4	65	38	46	27	52	31	1140	169	4	38	27	31	1140	13533	4	45	29	22	1142
Title 1																						
Students Receiving Title 1 Services	0										0						211	<1	14	46	39	1135
All Other Students	169	6	4	65	38	46	27	52	31	1140	169	4	38	27	31	1140	13325	4	45	29	22	1142
504 Plan																						
Students with a 504 plan	2										2						431	4	38	33	25	1141
All Other Students	167	6	4	65	39	45	27	51	31	1140	167	4	39	27	31	1140	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 09/MSAD 09
School: Mt Blue 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	11	6	11	6	1062	7
	2009-2010	13	7	13	7	974	7
	2010-2011	7	4	7	4	865	6
	Cum. Total*	31	6	31	6	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	77	42	76	41	5706	39
	2009-2010	63	34	63	34	5463	40
	2010-2011	58	34	58	34	5255	39
	Cum. Total*	198	37	197	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	52	28	52	28	4487	31
	2009-2010	58	31	58	31	4385	32
	2010-2011	50	30	50	30	4419	33
	Cum. Total*	160	30	160	30	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	45	24	45	24	3408	23
	2009-2010	53	28	53	28	2997	22
	2010-2011	54	32	54	32	3017	22
	Cum. Total*	152	28	152	28	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 09/MSAD 09
School: Mt Blue 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	169	7	4	58	34	50	30	54	32	1138	169	4	34	30	32	1138	13556	6	39	33	22	1140
Gender																						
Male	87	5	6	26	30	26	30	30	34	1137	87	6	30	30	34	1137	7014	5	33	34	28	1138
Female	82	2	2	32	39	24	29	24	29	1139	82	2	39	29	29	1139	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	1										1						104	5	23	36	37	1134
Asian	2										2						165	5	41	26	28	1139
Black or African American	0										0						327	2	21	29	48	1131
Native Hawaiian or Pacific Islander	0										0						6					
White (non-Hispanic)	164	6	4	56	34	48	29	54	33	1138	164	4	34	29	33	1138	12742	7	39	33	21	1140
Two or more races	1										1						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	168	7	4	58	35	49	29	54	32	1138	168	4	35	29	32	1138	13273	7	39	33	21	1140
IEP																						
Students with an IEP	17	0	0	0	0	1	6	16	94	1121	17	0	0	6	94	1121	1614	1	8	24	68	1126
All Other Students	152	7	5	58	38	49	32	38	25	1140	152	5	38	32	25	1140	11942	7	43	34	16	1142
SES																						
Economically Disadvantaged Students	92	1	1	21	23	29	32	41	45	1134	92	1	23	32	45	1134	4528	2	26	36	36	1134
All Other Students	77	6	8	37	48	21	27	13	17	1143	77	8	48	27	17	1143	9028	9	45	31	15	1143
Migrant																						
Migrant Students	0										0						3					
All Other Students	169	7	4	58	34	50	30	54	32	1138	169	4	34	30	32	1138	13553	6	39	33	22	1140
Title 1																						
Students Receiving Title 1 Services	0										0						211	1	14	43	42	1132
All Other Students	169	7	4	58	34	50	30	54	32	1138	169	4	34	30	32	1138	13345	6	39	32	22	1140
504 Plan																						
Students with a 504 plan	2										2						434	7	33	37	23	1139
All Other Students	167	7	4	58	35	50	30	52	31	1138	167	4	35	30	31	1138	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 09/MSAD 09
School: Mt Blue 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.

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)

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)

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)

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)

STUDENTS AT EACH ACHIEVEMENT LEVEL

	School		SAU		State		
	N	%	N	%	N	%	
Proficient with Distinction	2008–2009	11	6	11	6	602	4
	2009–2010	12	6	12	6	607	4
	2010–2011	8	5	8	5	644	5
	Cum. Total*	31	6	31	6	1853	4
Proficient	2008–2009	68	36	68	37	5431	37
	2009–2010	61	32	61	32	5120	37
	2010–2011	59	34	59	34	5312	39
	Cum. Total*	188	34	188	34	15863	37
Partially Proficient	2008–2009	42	22	41	22	3876	26
	2009–2010	47	25	47	25	3857	27
	2010–2011	51	29	51	29	3580	26
	Cum. Total*	140	26	139	25	11313	27
Substantially Below Proficient	2008–2009	66	35	66	35	4958	33
	2009–2010	68	36	68	36	4443	32
	2010–2011	55	32	55	32	4038	30
	Cum. Total*	189	34	189	35	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	23.90	42.7	23.90	42.7	24.90	44.5
D. The Physical Setting	34	61	14.50	42.6	14.50	42.6	15.30	45.0
D1/D2 Space/Earth	11	20	4.20	38.2	4.20	38.2	4.60	41.8
D3/D4 Matter and Energy/Force and Motion	23	41	10.30	44.8	10.30	44.8	10.70	46.5
E. The Living Environment	22	39	9.40	42.7	9.40	42.7	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 09/MSAD 09
School: Mt Blue 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	173	8	5	59	34	51	29	55	32	1140	173	5	34	29	32	1140	13574	5	39	26	30	1141
Gender																						
Male	91	7	8	31	34	25	27	28	31	1142	91	8	34	27	31	1142	7041	6	42	24	29	1142
Female	82	1	1	28	34	26	32	27	33	1139	82	1	34	32	33	1139	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	2										2						104	3	23	30	44	1137
Asian	2										2						153	6	44	25	25	1142
Black or African American	0										0						333	1	17	15	67	1132
Native Hawaiian or Pacific Islander	0										0						7					
White (non-Hispanic)	167	6	4	57	34	51	31	53	32	1140	167	4	34	31	32	1140	12760	5	40	27	29	1141
Two or more races	1										1						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	172	7	4	59	34	51	30	55	32	1140	172	4	34	30	32	1140	13297	5	40	27	29	1141
IEP																						
Students with an IEP	18	0	0	0	0	5	28	13	72	1131	18	0	0	28	72	1131	1644	1	10	19	70	1132
All Other Students	155	8	5	59	38	46	30	42	27	1141	155	5	38	30	27	1141	11930	5	43	27	24	1142
SES																						
Economically Disadvantaged Students	94	4	4	21	22	28	30	41	44	1138	94	4	22	30	44	1138	4554	2	26	28	44	1137
All Other Students	79	4	5	38	48	23	29	14	18	1143	79	5	48	29	18	1143	9020	6	46	26	22	1143
Migrant																						
Migrant Students	0										0						4					
All Other Students	173	8	5	59	34	51	29	55	32	1140	173	5	34	29	32	1140	13570	5	39	26	30	1141
Title 1																						
Students Receiving Title 1 Services	0										0						210	0	18	31	51	1135
All Other Students	173	8	5	59	34	51	29	55	32	1140	173	5	34	29	32	1140	13364	5	39	26	29	1141
504 Plan																						
Students with a 504 plan	2										2						430	5	40	25	30	1142
All Other Students	171	8	5	59	35	51	30	53	31	1140	171	5	35	30	31	1140	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