



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: 12451687  
SAU: RSU 51/MSAD 51  
School: Greely High School

## Contents of the Report

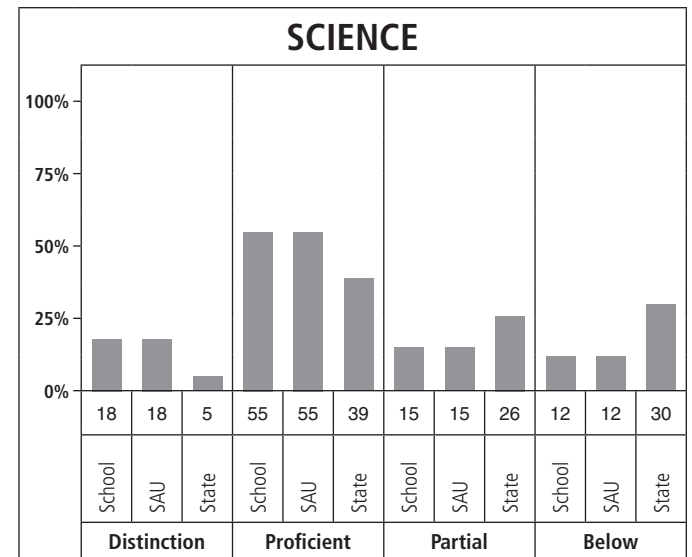
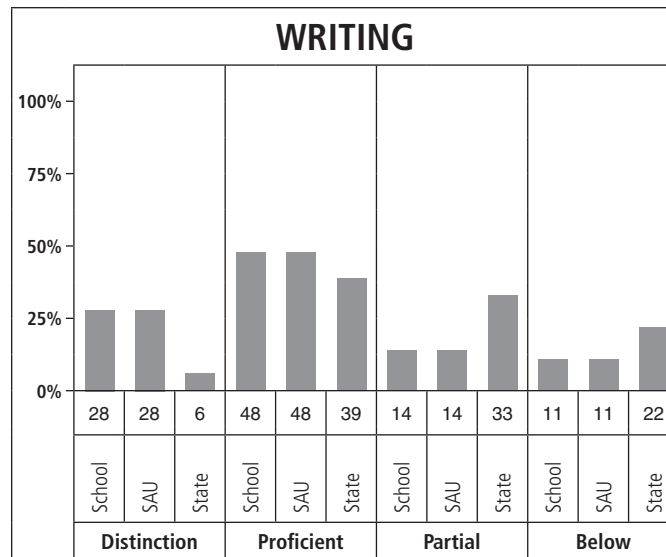
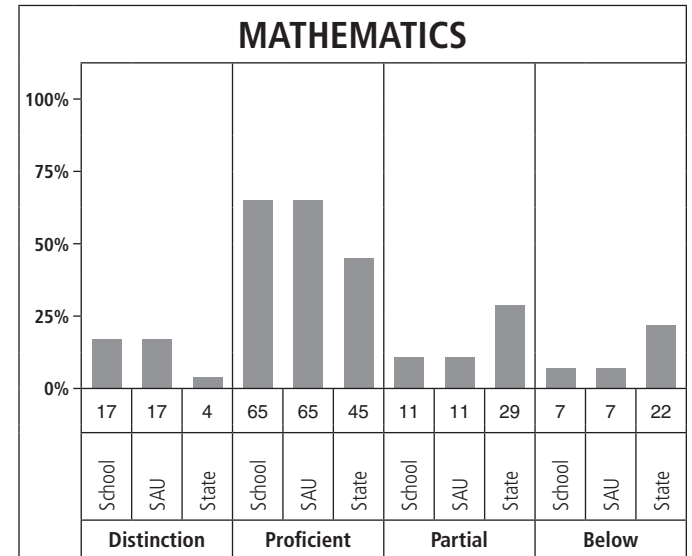
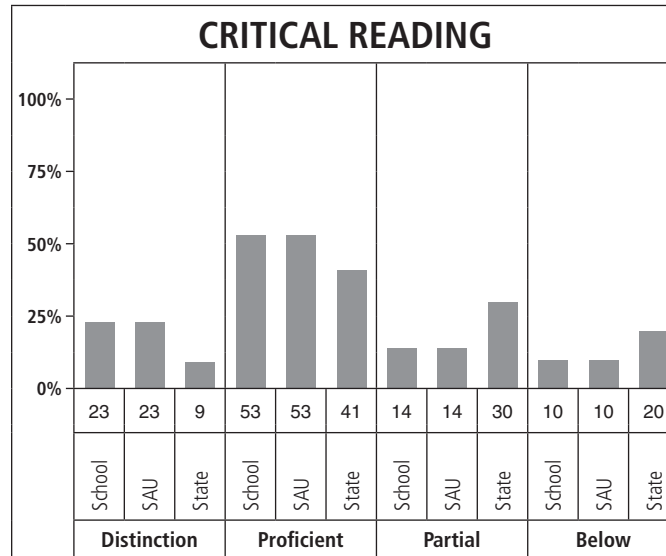
The report is divided into six main sections including a section describing the students tested and a separate section for the results in each content area.

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# SUMMARY OF SCORES

Test Date: May 2011  
SAU: RSU 51/MSAD 51  
School: Greely High School

Summary of School, SAU, and State Scores			
Year	Average Scaled Score		
	School	SAU	State
<b>Critical Reading</b>			
2008–2009	1151	1151	1141
2009–2010	1150	1150	1141
<b>2010–2011</b>	<b>1150</b>	<b>1150</b>	<b>1142</b>
Cum. Average*	1150	1150	1141
<b>Mathematics</b>			
2008–2009	1150	1150	1141
2009–2010	1150	1150	1142
<b>2010–2011</b>	<b>1151</b>	<b>1151</b>	<b>1142</b>
Cum. Average*	1150	1150	1142
<b>Writing</b>			
2008–2009	1153	1153	1140
2009–2010	1151	1151	1140
<b>2010–2011</b>	<b>1151</b>	<b>1151</b>	<b>1140</b>
Cum. Average*	1152	1152	1140
<b>Science</b>			
2008–2009	1148	1148	1140
2009–2010	1150	1150	1141
<b>2010–2011</b>	<b>1150</b>	<b>1150</b>	<b>1141</b>
Cum. Average*	1149	1149	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 51/MSAD 51  
School: Greely High School

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																								
	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	%	
<b>Total number of students</b>	164	100	164	100	14331	100	161	98	161	98	13752	96	160	98	160	98	13748	96	161	98	161	98	13759	96	164	100	164	100	13776	96	
<b>Ethnicity</b> Hispanic or Latino	0	0	0	0	174	1	0	0	0	0	155	90	0	0	0	0	155	90	0	0	0	0	155	90	0	0	0	0	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	0	0	0	0	176	1	0	0	0	0	170	97	0	0	0	0	170	97	0	0	0	0	170	97	0	0	0	0	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	163	99	163	99	13429	94	160	98	160	98	12919	96	159	98	159	98	12914	96	160	98	160	98	12924	96	163	100	163	100	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	
<b>Identified disability</b>	25	15	25	15	1998	14	24	96	24	96	1820	91	24	96	24	96	1820	91	24	96	24	96	1817	91	25	100	25	100	1846	93	
<b>Current LEP</b>	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	
<b>Economically disadvantaged</b>	14	9	14	9	4967	35	14	100	14	100	4644	94	14	100	14	100	4644	94	14	100	14	100	4649	94	14	100	14	100	4674	94	
<b>Migrant</b>	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 <sup>3</sup>	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	%
<b>Participation without accommodations</b>	139	85	139	85	12231	85	138	84	138	84	12224	85	139	85	139	85	12238	85	142	87	142	87	12309	86
Identified disability (IEP)	5	4	5	4	732	6	5	4	5	4	730	6	5	4	5	4	731	6	6	4	6	4	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
<b>Participation with accommodations</b>	21	13	21	13	1315	9	21	13	21	13	1312	9	21	13	21	13	1318	9	21	13	21	13	1265	9
Identified disability (IEP)	18	86	18	86	882	67	18	86	18	86	878	67	18	86	18	86	883	67	18	86	18	86	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
<b>Participation through alternate assessment (PAAP)</b>	1	1	1	1	206	1	1	1	1	1	212	1	1	1	1	1	203	1	1	1	1	1	202	1
Identified disability (IEP)	1	100	1	100	206	100	1	100	1	100	212	100	1	100	1	100	203	100	1	100	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
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	0	0																		
<b>Approved non-participation – special consideration</b>	0	0	0	0	14	<1	0	0	0	0	14	<1	0	0	0	0	14	<1	0	0	0	0	14	<1
<b>Non-participation – other</b>	3	2	3	2	565	4	4	2	4	2	569	4	3	2	3	2	558	4	0	0	0	0	541	4

<sup>1</sup>Percents are the percentage of students enrolled in each participation category.

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

<sup>3</sup>Percents are the percentage of students in each content area by mode.

# CRITICAL READING RESULTS

Test Date: May 2011  
SAU: RSU 51/MSAD 51  
School: Greely 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	%
<b>Proficient with Distinction</b> – 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	42	24	41	24	1339	9
	2009-2010	37	24	37	24	1369	10
	<b>2010-2011</b>	<b>36</b>	<b>23</b>	<b>36</b>	<b>23</b>	<b>1165</b>	<b>9</b>
	Cum. Total*	115	24	114	24	3873	9
<b>Proficient</b> – 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	92	53	92	54	5897	40
	2009-2010	77	50	77	50	5248	38
	<b>2010-2011</b>	<b>85</b>	<b>53</b>	<b>85</b>	<b>53</b>	<b>5595</b>	<b>41</b>
	Cum. Total*	254	52	254	52	16740	40
<b>Partially Proficient</b> – 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	28	16	27	16	4169	28
	2009-2010	30	19	30	19	4121	30
	<b>2010-2011</b>	<b>23</b>	<b>14</b>	<b>23</b>	<b>14</b>	<b>4010</b>	<b>30</b>
	Cum. Total*	81	17	80	16	12300	29
<b>Substantially Below Proficient</b> – 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	11	6	11	6	3255	22
	2009-2010	10	6	10	6	3081	22
	<b>2010-2011</b>	<b>16</b>	<b>10</b>	<b>16</b>	<b>10</b>	<b>2776</b>	<b>20</b>
	Cum. Total*	37	8	37	8	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 51/MSAD 51  
School: Greely 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	%	%	%	%	
<b>All Students</b>	160	36	23	85	53	23	14	16	10	1150	160	23	53	14	10	1150	13546	9	41	30	20	1142
<b>Gender</b>																						
Male	80	16	20	40	50	16	20	8	10	1149	80	20	50	20	10	1149	7007	8	38	29	24	1140
Female	80	20	25	45	56	7	9	8	10	1152	80	25	56	9	10	1152	6539	9	44	30	16	1143
Not Reported	0										0						0					
<b>Primary Race/Ethnicity</b>																						
Hispanic or Latino	0										0						151	9	36	26	29	1140
American Indian or Alaskan Native	0										0						103	4	31	33	32	1137
Asian	0										0						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)	159	36	23	85	53	22	14	16	10	1150	159	23	53	14	10	1150	12734	9	42	30	19	1142
Two or more races	1										1						61	3	36	39	21	1139
<b>LEP Status</b>																						
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	1										1						17	0	59	41	0	1143
All Other Students	159	36	23	85	53	22	14	16	10	1150	159	23	53	14	10	1150	13263	9	42	30	19	1142
<b>IEP</b>																						
Students with an IEP	23	1	4	4	17	10	43	8	35	1133	23	4	17	43	35	1133	1614	1	11	26	62	1128
All Other Students	137	35	26	81	59	13	9	8	6	1153	137	26	59	9	6	1153	11932	10	45	30	15	1144
<b>SES</b>																						
Economically Disadvantaged Students	14	0	0	3	21	4	29	7	50	1131	14	0	21	29	50	1131	4522	3	30	33	33	1136
All Other Students	146	36	25	82	56	19	13	9	6	1152	146	25	56	13	6	1152	9024	11	47	28	14	1144
<b>Migrant</b>																						
Migrant Students	0										0						3					
All Other Students	160	36	23	85	53	23	14	16	10	1150	160	23	53	14	10	1150	13543	9	41	30	20	1142
<b>Title 1</b>																						
Students Receiving Title 1 Services	0										0						211	3	18	45	35	1134
All Other Students	160	36	23	85	53	23	14	16	10	1150	160	23	53	14	10	1150	13335	9	42	29	20	1142
<b>504 Plan</b>																						
Students with a 504 plan	7										7						431	9	39	31	22	1141
All Other Students	153	35	23	82	54	21	14	15	10	1150	153	23	54	14	10	1150	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 51/MSAD 51  
School: Greely 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	%
<b>Proficient with Distinction</b> – 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	31	18	31	18	596	4
	2009-2010	22	14	22	14	524	4
	<b>2010-2011</b>	<b>27</b>	<b>17</b>	<b>27</b>	<b>17</b>	<b>571</b>	<b>4</b>
	Cum. Total*	80	16	80	16	1691	4
<b>Proficient</b> – 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	101	57	100	57	5674	38
	2009-2010	101	66	101	66	5736	42
	<b>2010-2011</b>	<b>104</b>	<b>65</b>	<b>104</b>	<b>65</b>	<b>6040</b>	<b>45</b>
	Cum. Total*	306	63	305	63	17450	41
<b>Partially Proficient</b> – 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	31	18	30	17	4622	31
	2009-2010	21	14	21	14	4444	32
	<b>2010-2011</b>	<b>17</b>	<b>11</b>	<b>17</b>	<b>11</b>	<b>3910</b>	<b>29</b>
	Cum. Total*	69	14	68	14	12976	31
<b>Substantially Below Proficient</b> – 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	13	7	13	7	4116	27
	2009-2010	10	6	10	6	3103	22
	<b>2010-2011</b>	<b>11</b>	<b>7</b>	<b>11</b>	<b>7</b>	<b>3015</b>	<b>22</b>
	Cum. Total*	34	7	34	7	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 51/MSAD 51  
School: Greely 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	%	%	%	%	
<b>All Students</b>	159	27	17	104	65	17	11	11	7	1151	159	17	65	11	7	1151	13536	4	45	29	22	1142
<b>Gender</b>																						
Male	80	13	16	55	69	6	8	6	8	1151	80	16	69	8	8	1151	7003	5	45	27	22	1142
Female	79	14	18	49	62	11	14	5	6	1151	79	18	62	14	6	1151	6533	3	44	31	22	1141
Not Reported	0										0						0					
<b>Primary Race/Ethnicity</b>																						
Hispanic or Latino	0										0						151	5	30	33	32	1139
American Indian or Alaskan Native	0										0						102	1	31	29	38	1137
Asian	0										0						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)	158	27	17	104	66	16	10	11	7	1151	158	17	66	10	7	1151	12724	4	46	29	21	1142
Two or more races	1										1						61	5	31	44	20	1140
<b>LEP Status</b>																						
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	1										1						17	12	47	29	12	1145
All Other Students	158	27	17	103	65	17	11	11	7	1151	158	17	65	11	7	1151	13253	4	45	29	21	1142
<b>IEP</b>																						
Students with an IEP	23	0	0	11	48	4	17	8	35	1138	23	0	48	17	35	1138	1608	<1	9	23	68	1130
All Other Students	136	27	20	93	68	13	10	3	2	1153	136	20	68	10	2	1153	11928	5	49	30	16	1143
<b>SES</b>																						
Economically Disadvantaged Students	14	0	0	2	14	6	43	6	43	1134	14	0	14	43	43	1134	4519	1	29	34	36	1137
All Other Students	145	27	19	102	70	11	8	5	3	1153	145	19	70	8	3	1153	9017	6	52	26	16	1144
<b>Migrant</b>																						
Migrant Students	0										0						3					
All Other Students	159	27	17	104	65	17	11	11	7	1151	159	17	65	11	7	1151	13533	4	45	29	22	1142
<b>Title 1</b>																						
Students Receiving Title 1 Services	0										0						211	<1	14	46	39	1135
All Other Students	159	27	17	104	65	17	11	11	7	1151	159	17	65	11	7	1151	13325	4	45	29	22	1142
<b>504 Plan</b>																						
Students with a 504 plan	7										7						431	4	38	33	25	1141
All Other Students	152	27	18	98	64	17	11	10	7	1151	152	18	64	11	7	1151	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 51/MSAD 51  
School: Greely 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	%	
<b>Proficient with Distinction</b> – 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)	2008-2009	55	32	54	32	1062	7
	2009-2010	28	18	28	18	974	7
	<b>2010-2011</b>	<b>44</b>	<b>28</b>	<b>44</b>	<b>28</b>	<b>865</b>	<b>6</b>
	Cum. Total*	127	26	126	26	2901	7
<b>Proficient</b> – 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)	2008-2009	83	48	82	48	5706	39
	2009-2010	91	59	91	59	5463	40
	<b>2010-2011</b>	<b>77</b>	<b>48</b>	<b>77</b>	<b>48</b>	<b>5255</b>	<b>39</b>
	Cum. Total*	251	52	250	52	16424	39
<b>Partially Proficient</b> – 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)	2008-2009	29	17	29	17	4487	31
	2009-2010	27	18	27	18	4385	32
	<b>2010-2011</b>	<b>22</b>	<b>14</b>	<b>22</b>	<b>14</b>	<b>4419</b>	<b>33</b>
	Cum. Total*	78	16	78	16	13291	32
<b>Substantially Below Proficient</b> – 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)	2008-2009	6	3	6	4	3408	23
	2009-2010	8	5	8	5	2997	22
	<b>2010-2011</b>	<b>17</b>	<b>11</b>	<b>17</b>	<b>11</b>	<b>3017</b>	<b>22</b>
	Cum. Total*	31	6	31	6	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 51/MSAD 51  
School: Greely 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	%	%	%	%	
<b>All Students</b>	160	44	28	77	48	22	14	17	11	1151	160	28	48	14	11	1151	13556	6	39	33	22	1140
<b>Gender</b>																						
Male	80	15	19	42	53	13	16	10	13	1149	80	19	53	16	13	1149	7014	5	33	34	28	1138
Female	80	29	36	35	44	9	11	7	9	1154	80	36	44	11	9	1154	6542	8	44	31	17	1142
Not Reported	0										0						0					
<b>Primary Race/Ethnicity</b>																						
Hispanic or Latino	0										0						151	7	27	40	25	1138
American Indian or Alaskan Native	0										0						104	5	23	36	37	1134
Asian	0										0						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)	159	44	28	77	48	21	13	17	11	1151	159	28	48	13	11	1151	12742	7	39	33	21	1140
Two or more races	1										1						61	2	38	34	26	1138
<b>LEP Status</b>																						
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	1										1						17	0	65	35	0	1146
All Other Students	159	44	28	76	48	22	14	17	11	1151	159	28	48	14	11	1151	13273	7	39	33	21	1140
<b>IEP</b>																						
Students with an IEP	23	0	0	6	26	6	26	11	48	1130	23	0	26	26	48	1130	1614	1	8	24	68	1126
All Other Students	137	44	32	71	52	16	12	6	4	1155	137	32	52	12	4	1155	11942	7	43	34	16	1142
<b>SES</b>																						
Economically Disadvantaged Students	14	0	0	3	21	4	29	7	50	1128	14	0	21	29	50	1128	4528	2	26	36	36	1134
All Other Students	146	44	30	74	51	18	12	10	7	1153	146	30	51	12	7	1153	9028	9	45	31	15	1143
<b>Migrant</b>																						
Migrant Students	0										0						3					
All Other Students	160	44	28	77	48	22	14	17	11	1151	160	28	48	14	11	1151	13553	6	39	33	22	1140
<b>Title 1</b>																						
Students Receiving Title 1 Services	0										0						211	1	14	43	42	1132
All Other Students	160	44	28	77	48	22	14	17	11	1151	160	28	48	14	11	1151	13345	6	39	32	22	1140
<b>504 Plan</b>																						
Students with a 504 plan	7										7						434	7	33	37	23	1139
All Other Students	153	43	28	74	48	19	12	17	11	1151	153	28	48	12	11	1151	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 51/MSAD 51  
School: Greely 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	%	
<b>Proficient with Distinction</b> – 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	22	13	22	13	602	4
	2009–2010	20	13	20	13	607	4
	<b>2010–2011</b>	<b>30</b>	<b>18</b>	<b>30</b>	<b>18</b>	<b>644</b>	<b>5</b>
	Cum. Total*	72	15	72	15	1853	4
<b>Proficient</b> – 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	95	55	93	54	5431	37
	2009–2010	89	59	89	59	5120	37
	<b>2010–2011</b>	<b>89</b>	<b>55</b>	<b>89</b>	<b>55</b>	<b>5312</b>	<b>39</b>
	Cum. Total*	273	56	271	56	15863	37
<b>Partially Proficient</b> – 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	36	21	36	21	3876	26
	2009–2010	30	20	30	20	3857	27
	<b>2010–2011</b>	<b>24</b>	<b>15</b>	<b>24</b>	<b>15</b>	<b>3580</b>	<b>26</b>
	Cum. Total*	90	18	90	19	11313	27
<b>Substantially Below Proficient</b> – 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	20	12	20	12	4958	33
	2009–2010	13	9	13	9	4443	32
	<b>2010–2011</b>	<b>20</b>	<b>12</b>	<b>20</b>	<b>12</b>	<b>4038</b>	<b>30</b>
	Cum. Total*	53	11	53	11	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	33.20	59.3	33.20	59.3	24.90	44.5
D. The Physical Setting	34	61	19.80	58.2	19.80	58.2	15.30	45.0
D1/D2 Space/Earth	11	20	5.40	49.1	5.40	49.1	4.60	41.8
D3/D4 Matter and Energy/Force and Motion	23	41	14.40	62.6	14.40	62.6	10.70	46.5
E. The Living Environment	22	39	13.40	60.9	13.40	60.9	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

# SCIENCE RESULTS BY REPORTING SUBGROUPS

Test Date: May 2011  
SAU: RSU 51/MSAD 51  
School: Greely 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	%	%	%	%	
<b>All Students</b>	163	30	18	89	55	24	15	20	12	1150	163	18	55	15	12	1150	13574	5	39	26	30	1141
<b>Gender</b>																						
Male	83	17	20	43	52	11	13	12	14	1150	83	20	52	13	14	1150	7041	6	42	24	29	1142
Female	80	13	16	46	58	13	16	8	10	1149	80	16	58	16	10	1149	6533	3	36	29	31	1140
Not Reported	0										0						0					
<b>Primary Race/Ethnicity</b>																						
Hispanic or Latino	0										0						156	5	33	26	37	1140
American Indian or Alaskan Native	0										0						104	3	23	30	44	1137
Asian	0										0						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)	162	30	19	88	54	24	15	20	12	1150	162	19	54	15	12	1150	12760	5	40	27	29	1141
Two or more races	1										1						61	3	36	31	30	1140
<b>LEP Status</b>																						
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	1										1						16	0	50	31	19	1142
All Other Students	162	30	19	88	54	24	15	20	12	1150	162	19	54	15	12	1150	13297	5	40	27	29	1141
<b>IEP</b>																						
Students with an IEP	24	0	0	6	25	6	25	12	50	1136	24	0	25	25	50	1136	1644	1	10	19	70	1132
All Other Students	139	30	22	83	60	18	13	8	6	1152	139	22	60	13	6	1152	11930	5	43	27	24	1142
<b>SES</b>																						
Economically Disadvantaged Students	14	0	0	3	21	5	36	6	43	1133	14	0	21	36	43	1133	4554	2	26	28	44	1137
All Other Students	149	30	20	86	58	19	13	14	9	1151	149	20	58	13	9	1151	9020	6	46	26	22	1143
<b>Migrant</b>																						
Migrant Students	0										0						4					
All Other Students	163	30	18	89	55	24	15	20	12	1150	163	18	55	15	12	1150	13570	5	39	26	30	1141
<b>Title 1</b>																						
Students Receiving Title 1 Services	0										0						210	0	18	31	51	1135
All Other Students	163	30	18	89	55	24	15	20	12	1150	163	18	55	15	12	1150	13364	5	39	26	29	1141
<b>504 Plan</b>																						
Students with a 504 plan	7										7						430	5	40	25	30	1142
All Other Students	156	29	19	85	54	23	15	19	12	1150	156	19	54	15	12	1150	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