July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/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 demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education

MEA
Maine Educational Assessment

School Report
Grade 8

Test Date:	March 2009
Code:	12431677
SAU:	MSAD 49
School:	Lawrence Jr High School

Contents of the Report

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

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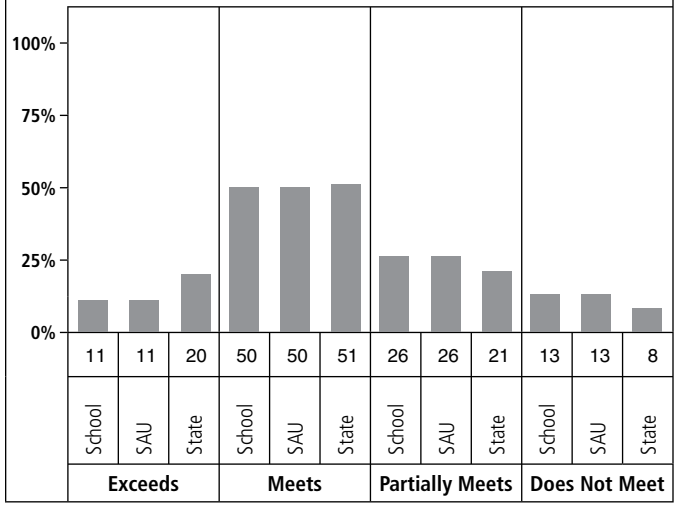
SUMMARY OF SCORES

Test Date: March 2009
Grade: 8
SAU: MSAD 49
School: Lawrence Jr High School

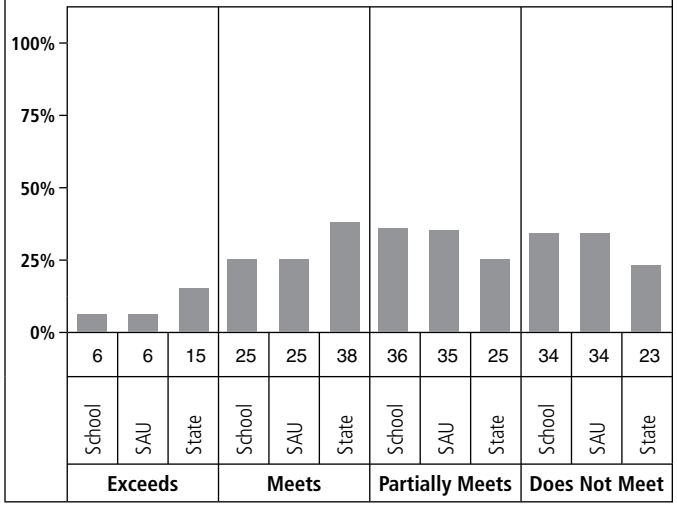
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	846	845	847
2007–2008	846	846	849
2008–2009	**846**	**846**	**850**
Cum. Avg.*	846	846	849
Mathematics			
2006–2007	837	836	842
2007–2008	835	835	841
2008–2009	**835**	**835**	**843**
Cum. Avg.*	836	835	842
Science			
2008-2009 **	**841**	**841**	**846**

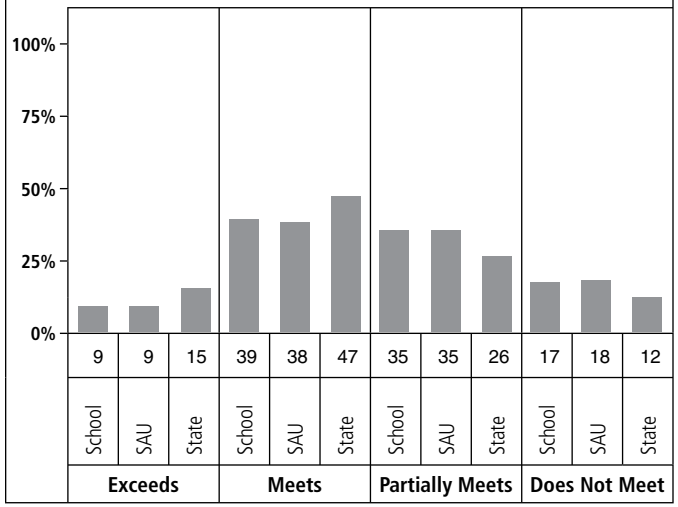
ELA – READING



MATHEMATICS



SCIENCE



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.
** Because science standards were reset in May 2009, no historical data are available

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 8
SAU: MSAD 49
School: Lawrence Jr High School

CATEGORY OF PARTICIPATION	Enrollment[1] during testing window						CONTENT AREA PARTICIPATION[2]																	
							ELA–Reading						Mathematics						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	%
Total number of students	200	100	202	100	14804	100	198	99	200	100	14659	99	198	99	200	100	14653	99	198	99	200	100	14626	99
Ethnicity African American/Black	0	0	0	0	377	3	0	0	0	0	366	97	0	0	0	0	371	98	0	0	0	0	367	97
American Indian or Native Alaskan	0	0	0	0	119	1	0	0	0	0	117	99	0	0	0	0	115	97	0	0	0	0	116	98
Asian or Pacific Islander	1	1	1	0	238	2	1	100	1	100	232	97	1	100	1	100	234	98	1	100	1	100	234	98
Hispanic	3	2	3	1	192	1	3	100	3	100	188	98	3	100	3	100	191	100	3	100	3	100	190	99
Caucasian/White	196	98	198	98	13878	94	194	99	196	99	13756	99	194	99	196	99	13742	99	194	99	196	99	13719	99
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	39	20	41	20	2489	17	38	100	40	100	2434	99	38	100	40	100	2424	98	38	100	40	100	2418	98
Current LEP	0	0	0	0	349	2	0	0	0	0	331	95	0	0	0	0	342	98	0	0	0	0	338	97
Economically disadvantaged	88	44	89	44	5460	37	88	100	89	100	5380	99	88	100	89	100	5377	99	88	100	89	100	5359	98
Migrant	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100	0	0	0	0	6	100

MODE OF PARTICIPATION[3]	ELA–Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	159	80	160	79	12132	82	159	80	160	79	12124	82	160	80	161	80	12169	82
Identified disability (PET/IEP)	2	1	3	2	379	3	2	1	3	2	380	3	3	2	4	2	425	3
LEP	0	0	0	0	166	1	0	0	0	0	169	1	0	0	0	0	168	1
504 plan	4	3	4	3	200	2	4	3	4	3	200	2	4	3	4	2	202	2
Participation with accommodations	37	19	38	19	2349	16	37	19	38	19	2347	16	36	18	37	18	2288	15
Identified disability (PET/IEP)	34	92	35	92	1877	80	34	92	35	92	1862	79	33	92	34	92	1824	80
LEP	0	0	0	0	158	7	0	0	0	0	167	7	0	0	0	0	165	7
504 plan	2	5	2	5	70	3	2	5	2	5	70	3	2	6	2	5	66	3
Other	1	3	1	3	292	12	1	3	1	3	297	13	1	3	1	3	280	12
Participation through alternate assessment (PAAP)	2	1	2	1	178	1	2	1	2	1	182	1	2	1	2	1	169	1
Identified disability (PET/IEP)	2	100	2	100	178	100	2	100	2	100	182	100	2	100	2	100	169	100
LEP	0	0	0	0	7	4	0	0	0	0	6	3	0	0	0	0	5	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	1	1	1	0	32	0	1	1	1	0	34	0	1	1	1	0	38	0
Non-participation – other	1	1	1	0	113	1	1	1	1	0	117	1	1	1	1	0	140	1

[1]Percents are the percentage of students enrolled in each participation category.
[2]Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.
[3]Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 49
School: Lawrence Jr High School

ACHIEVEMENT LEVEL DEFINITIONS The quality of a student's work at each achievement level reflects progress in attaining Maine's *Learning Results: Parameters for Essential Instruction* in English language arts – reading.		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 862–880)	2006-2007	27	15	27	14	2407	16
	2007-2008	29	15	29	15	3428	23
	2008-2009	**22**	**11**	**22**	**11**	**2857**	**20**
	Cum. Total*	78	14	78	13	8692	19
Meets the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 842–860)	2006-2007	85	46	85	45	7494	49
	2007-2008	98	51	98	51	7179	48
	2008-2009	**98**	**50**	**99**	**50**	**7431**	**51**
	Cum. Total*	281	49	282	49	22104	49
Partially Meets the Standards – 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 draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 830–840)	2006-2007	47	26	49	26	3628	24
	2007-2008	39	20	39	20	2706	18
	2008-2009	**51**	**26**	**51**	**26**	**2979**	**21**
	Cum. Total*	137	24	139	24	9313	21
Does Not Meet the Standards – 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 vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 800–828)	2006-2007	24	13	29	15	1810	12
	2007-2008	26	14	26	14	1611	11
	2008-2009	**25**	**13**	**26**	**13**	**1214**	**8**
	Cum. Total*	75	13	81	14	4635	10

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	**56**	**100**	32.7	58.4	32.7	58.4	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	**20**	**36**	11.3	56.5	11.3	56.5	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	**36**	**64**	21.4	59.4	21.4	59.4	23.2	64.4

The MEA measures student achievement of the interconnected elements of the reading process based on questions related to literary and informational/persuasive reading passages. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine's 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: http://www.maine.gov/education/lres/pei/index.html.

*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.

ELA-READING RESULTS
(CONTINUED)

Test Date: March 2009
Grade: 8
SAU: MSAD 49
School: Lawrence Jr High School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	196	22	11	98	50	51	26	25	13	846	198	11	50	26	13	846	14481	20	51	21	8	850
Ethnicity																						
African American/Black	0										0						362	8	43	29	20	843
American Indian or Native Alaskan	0										0						116	10	46	26	18	843
Asian or Pacific Islander	1										1						231	28	43	19	10	851
Hispanic	3										3						186	17	48	23	12	847
Caucasian/White	192	22	11	96	50	49	26	25	13	846	194	11	50	25	13	846	13586	20	52	20	8	850
Not Reported	0										0						0					
Identified disability																						
Yes	36	1	3	10	28	13	36	12	33	835	38	3	29	34	34	835	2256	2	25	40	34	834
No	160	21	13	88	55	38	24	13	8	848	160	13	55	24	8	848	12225	23	56	17	4	853
Current LEP																						
Yes	0										0						324	5	34	36	26	838
No	196	22	11	98	50	51	26	25	13	846	198	11	50	26	13	846	14157	20	52	20	8	850
Economically disadvantaged																						
Yes	87	5	6	43	49	23	26	16	18	842	88	6	49	26	19	842	5277	10	46	29	15	844
No	109	17	16	55	50	28	26	9	8	849	110	15	51	25	8	849	9204	26	54	16	5	853
Migrant																						
Yes	0										0						5	0	40	60	0	841
No	196	22	11	98	50	51	26	25	13	846	198	11	50	26	13	846	14476	20	51	21	8	850
Gender																						
Female	101	16	16	55	54	22	22	8	8	849	102	16	54	22	9	849	7074	25	51	18	6	852
Male	95	6	6	43	45	29	31	17	18	842	96	6	46	30	18	842	7407	14	51	23	11	847
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						857	9	43	35	14	843
No	196	22	11	98	50	51	26	25	13	846	198	11	50	26	13	846	13624	20	52	20	8	850
Gifted/talented program																						
Yes	0										0						700	69	30	1	0	867
No	196	22	11	98	50	51	26	25	13	846	198	11	50	26	13	846	13781	17	52	22	9	849

E = Exceeds the Standards **M = Meets the Standards** **P = Partially Meets the Standards** **D = Does Not Meet the Standards**

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. **N** = Number

ELA-READING RESULTS
(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 49
School: Lawrence Jr High School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	11	2	9	7	32	5	23	8	36	839	11	9	32	23	36	839	8	8	39	29	24	841
B. less than one hour	53	11	11	50	49	29	28	12	12	846	53	11	49	28	13	846	51	17	53	22	8	849
C. one to two hours	29	7	13	32	57	13	23	4	7	848	29	13	57	23	7	848	36	24	52	18	5	852
D. more than two hours	7	2	14	7	50	4	29	1	7	848	7	14	50	29	7	848	5	29	45	18	9	852
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	30	15	25	26	44	14	24	4	7	852	30	25	44	24	7	852	31	35	50	11	4	856
B. good	47	5	5	55	60	21	23	10	11	845	47	5	60	23	12	845	47	16	55	21	7	849
C. fair	19	2	6	13	36	13	36	8	22	840	18	6	36	36	22	840	18	5	47	33	15	842
D. poor	4	0	0	2	25	3	38	3	38	834	4	0	25	38	38	834	3	2	39	37	22	839
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	41	14	18	41	51	17	21	8	10	849	41	18	51	21	10	849	32	27	54	14	5	853
B. They match some of what I have learned.	47	7	8	43	47	28	31	13	14	844	47	8	47	30	15	843	52	18	53	22	8	850
C. They match just a little of what I have learned.	8	0	0	8	50	5	31	3	19	842	8	0	50	31	19	842	12	11	45	29	15	844
D. There is no match.	4	1	14	4	57	1	14	1	14	844	4	14	57	14	14	844	4	6	34	33	26	838
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	16	2	7	12	40	9	30	7	23	842	16	7	40	30	23	842	15	13	42	28	17	844
B. about the same as my regular schoolwork	70	14	11	69	52	35	26	15	11	846	69	11	52	26	11	846	64	19	53	20	7	850
C. easier than my regular schoolwork	15	6	21	14	50	5	18	3	11	850	15	21	48	17	14	850	22	25	52	16	6	852
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	10	0	0	6	32	6	32	7	37	836	10	0	32	32	37	836	8	6	34	34	26	838
B. Most of the passages were about the same as what I normally read.	55	5	5	54	53	28	28	14	14	844	54	5	53	28	14	844	52	14	54	24	8	848
C. Most of the passages were easier than what I normally read.	35	16	25	34	52	12	18	3	5	853	35	24	52	18	6	852	40	30	53	13	4	855
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	43	5	6	48	59	18	22	11	13	846	43	6	59	22	13	846	39	19	50	22	9	849
B. I tried about the same as I do on my regular schoolwork.	53	16	16	42	42	30	30	12	12	846	53	16	42	30	13	846	54	21	53	19	7	851
C. I did not try as hard on this test as I do on my regular schoolwork.	4	1	14	3	43	1	14	2	29	841	4	14	43	14	29	841	7	12	46	27	15	845
How much time do you spend reading at home each day?																						
A. more than one hour	14	6	22	13	48	4	15	4	15	850	14	21	46	14	18	850	19	26	53	15	6	853
B. 20 minutes to an hour	50	14	14	48	49	26	27	9	9	847	50	14	49	27	9	847	40	25	52	17	6	852
C. less than 20 minutes	13	1	4	14	56	7	28	3	12	845	13	4	56	28	12	845	15	18	51	21	10	849
D. I rarely read at home.	23	1	2	21	47	14	31	9	20	840	23	2	47	31	20	840	26	7	50	30	13	844
How do you feel about the following statement? "My knowledge of reading will be useful to me as an adult."																						
A. strongly agree	38	14	19	39	53	14	19	6	8	850	37	19	53	19	8	850	42	27	51	15	6	853
B. agree	53	7	7	50	49	29	28	17	17	844	53	7	48	28	17	843	50	15	53	23	9	848
C. disagree	8	1	7	5	33	7	47	2	13	841	8	7	33	47	13	841	7	8	46	32	14	843
D. strongly disagree	2	0	0	2	67	1	33	0	0	845	2	0	67	33	0	845	2	6	39	35	21	840
Optional school/SAU question																						
A.	40	0	0	5	50	4	40	1	10	841	40	0	50	40	10	841						
B.	36	0	0	2	22	4	44	3	33	836	36	0	22	44	33	836						
C.	16	0	0	1	25	1	25	2	50	832	16	0	25	25	50	832						
D.	8	0	0	2	100	0	0	0	0	845	8	0	100	0	0	845						

E = Exceeds the Standards **M = Meets the Standards** **P = Partially Meets the Standards** **D = Does Not Meet the Standards**
N = Number

MATHEMATICS RESULTS

Test Date:	March 2009
Grade:	8
SAU:	MSAD 49
School:	Lawrence Jr High School

ACHIEVEMENT LEVEL DEFINITIONS The quality of a student's work at each achievement level reflects progress in attaining Maine's *Learning Results: Parameters for Essential Instruction* in mathematics.		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – 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 problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 862–880)	2006-2007	8	4	8	4	1952	13
	2007-2008	2	1	2	1	1657	11
	2008-2009	**11**	**6**	**11**	**6**	**2116**	**15**
	Cum. Total*	21	4	21	4	5725	13
Meets the Standards – The student's work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student's responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student's work may contain minor errors. (Scaled Score 842–860)	2006-2007	62	34	62	33	5870	38
	2007-2008	68	35	68	35	5956	40
	2008-2009	**49**	**25**	**49**	**25**	**5443**	**38**
	Cum. Total*	179	31	179	31	17269	39
Partially Meets the Standards – 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 explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 830–840)	2006-2007	66	36	66	35	3982	26
	2007-2008	59	31	59	31	3729	25
	2008-2009	**70**	**36**	**70**	**35**	**3556**	**25**
	Cum. Total*	195	34	195	34	11267	25
Does Not Meet the Standards – 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 explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 800–828)	2006-2007	47	26	54	28	3534	23
	2007-2008	63	33	63	33	3579	24
	2008-2009	**66**	**34**	**68**	**34**	**3356**	**23**
	Cum. Total*	176	31	185	32	10469	23

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	**56**	**100**	23.9	42.7	23.7	42.3	28.6	51.1
A. Number	**8**	**14**	2.9	36.3	2.9	36.3	3.7	46.3
B. Data	**16**	**29**	8.2	51.3	8.1	50.6	8.9	55.6
C. Geometry	**12**	**21**	4.0	33.3	4.0	33.3	5.0	41.7
D. Algebra	**20**	**36**	8.8	44.0	8.8	44.0	10.9	54.5

The MEA assesses students' mathematics knowledge based on questions that measure the mathematics accountability content standards contained 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 Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

*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
(CONTINUED)

Test Date: March 2009
Grade: 8
SAU: MSAD 49
School: Lawrence Jr High School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	196	11	6	49	25	70	36	66	34	835	198	6	25	35	34	835	14471	15	38	25	23	843
Ethnicity																						
African American/Black	0										0						367	6	24	26	44	831
American Indian or Native Alaskan	0										0						114	5	31	32	32	836
Asian or Pacific Islander	1										1						233	27	33	20	21	847
Hispanic	3										3						190	8	31	26	34	836
Caucasian/White	192	11	6	49	26	69	36	63	33	835	194	6	25	36	34	835	13567	15	38	25	22	843
Not Reported	0										0						0					
Identified disability																						
Yes	36	2	6	3	8	10	28	21	58	827	38	5	8	26	61	826	2242	2	12	22	63	824
No	160	9	6	46	29	60	38	45	28	837	160	6	29	38	28	837	12229	17	42	25	16	846
Current LEP																						
Yes	0										0						336	6	18	26	51	829
No	196	11	6	49	25	70	36	66	34	835	198	6	25	35	34	835	14135	15	38	25	23	843
Economically disadvantaged																						
Yes	87	3	3	16	18	34	39	34	39	833	88	3	18	39	40	833	5270	6	30	28	36	835
No	109	8	7	33	30	36	33	32	29	837	110	7	30	33	30	837	9201	20	42	22	16	847
Migrant																						
Yes	0										0						5	0	0	40	60	828
No	196	11	6	49	25	70	36	66	34	835	198	6	25	35	34	835	14466	15	38	25	23	843
Gender																						
Female	101	6	6	25	25	37	37	33	33	835	102	6	25	36	33	835	7070	15	39	25	22	843
Male	95	5	5	24	25	33	35	33	35	835	96	5	25	34	35	835	7401	14	36	25	25	842
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						857	5	25	33	37	835
No	196	11	6	49	25	70	36	66	34	835	198	6	25	35	34	835	13614	15	38	24	22	843
Gifted/talented program																						
Yes	0										0						700	68	27	3	1	866
No	196	11	6	49	25	70	36	66	34	835	198	6	25	35	34	835	13771	12	38	26	24	841

E = Exceeds the Standards **M = Meets the Standards** **P = Partially Meets the Standards** **D = Does Not Meet the Standards**

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. **N** = Number

MATHEMATICS RESULTS
(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 49
School: Lawrence Jr High School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	11	3	14	4	18	2	9	13	59	830	11	14	18	9	59	830	8	8	24	24	44	833
B. less than one hour	53	4	4	26	25	40	39	32	31	835	53	4	25	39	32	834	51	12	38	26	23	842
C. one to two hours	29	3	5	15	27	20	36	18	32	837	29	5	27	36	32	837	36	19	40	23	19	845
D. more than two hours	7	1	7	4	29	6	43	3	21	840	7	7	29	43	21	840	5	19	36	22	23	844
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	22	9	21	11	26	15	36	7	17	845	22	21	26	36	17	845	28	33	41	15	11	852
B. good	41	2	3	21	26	29	36	28	35	834	41	3	26	36	35	834	45	11	43	25	21	842
C. fair	29	0	0	13	23	19	34	24	43	831	29	0	23	33	44	831	21	3	27	35	35	834
D. poor	8	0	0	4	27	5	33	6	40	829	8	0	27	33	40	829	5	2	14	30	54	828
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	28	3	5	17	31	16	29	19	35	835	28	5	31	29	35	835	28	23	41	21	15	848
B. They match some of what I have learned.	52	8	8	25	25	35	35	32	32	837	51	8	25	35	32	837	52	13	40	25	21	843
C. They match just a little of what I have learned.	16	0	0	5	16	16	50	11	34	832	17	0	15	48	36	832	16	8	28	30	34	836
D. There is no match.	4	0	0	2	29	1	14	4	57	829	4	0	29	14	57	829	4	5	15	22	58	826
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	36	4	6	15	22	24	35	26	38	834	36	6	21	34	39	833	32	6	34	29	32	837
B. about the same as my regular schoolwork	56	4	4	31	28	38	35	36	33	835	56	4	28	35	33	835	52	13	41	25	20	843
C. easier than my regular schoolwork	8	3	20	3	20	5	33	4	27	840	8	20	20	33	27	840	16	39	35	13	13	853
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	45	4	5	21	25	33	39	27	32	836	45	5	25	39	32	836	42	12	38	26	25	841
B. I tried about the same as I do on my regular schoolwork.	48	7	8	25	27	32	35	28	30	836	49	8	27	34	31	836	52	17	39	23	20	845
C. I did not try as hard on this test as I do on my regular schoolwork.	7	0	0	3	23	2	15	8	62	828	7	0	23	15	62	828	7	12	27	27	35	837
How often do you use calculators in mathematics class?																						
A. almost every day	14	1	4	5	19	7	26	14	52	829	14	4	19	26	52	829	34	18	40	22	20	845
B. two or three days a week	17	4	12	7	21	9	27	13	39	835	17	12	21	26	41	835	35	14	38	26	21	843
C. two or three times each month	30	4	7	17	29	23	39	15	25	838	30	7	29	39	25	838	18	12	37	27	24	841
D. never or almost never	39	2	3	20	27	29	39	24	32	835	38	3	27	39	32	835	13	9	32	25	34	837
How often do you use laptops in mathematics class?																						
A. almost every day	4	0	0	1	13	1	13	6	75	820	4	0	13	13	75	820	9	13	38	23	26	841
B. two or three days a week	15	1	3	6	21	9	31	13	45	831	15	3	21	31	45	831	17	11	37	26	26	841
C. two or three times each month	27	3	6	12	23	18	35	19	37	835	27	6	23	35	37	835	28	15	40	25	20	844
D. never or almost never	54	7	7	30	29	40	38	28	27	838	54	7	28	38	27	837	46	16	36	24	23	843
How do you feel about the following statement? "My knowledge of mathematics will be useful to me as an adult."																						
A. strongly agree	44	7	8	27	31	33	38	19	22	840	44	8	31	38	22	840	52	19	41	22	18	846
B. agree	42	4	5	17	21	28	35	32	40	833	42	5	21	34	40	833	39	11	35	27	27	840
C. disagree	10	0	0	4	20	3	15	13	65	821	10	0	20	15	65	821	6	7	28	26	39	835
D. strongly disagree	4	0	0	1	14	4	57	2	29	833	4	0	14	57	29	833	3	4	25	28	43	832
Optional school/SAU question																						
A.	40	0	0	1	10	4	40	5	50	829	40	0	10	40	50	829						
B.	36	0	0	1	11	2	22	6	67	823	36	0	11	22	67	823						
C.	16	0	0	0	0	1	25	3	75	815	16	0	0	25	75	815						
D.	8	0	0	1	50	1	50	0	0	840	8	0	50	50	0	840						

E = Exceeds the Standards **M = Meets the Standards** **P = Partially Meets the Standards** **D = Does Not Meet the Standards**
N = Number

SCIENCE RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 49
School: Lawrence Jr High School

ACHIEVEMENT LEVEL DEFINITIONS The quality of a student's work at each achievement level reflects progress in attaining Maine's *Learning Results: Parameters for Essential Instruction* in science.		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – 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 862–880)	2008-2009*	18	9	18	9	2155	15
Meets the Standards – 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 842–860)	2008-2009*	76	39	76	38	6687	47
Partially Meets the Standards – 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 828–840)	2008-2009*	69	35	69	35	3672	26
Does Not Meet the Standards – 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 800–826)	2008-2009*	33	17	35	18	1749	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	**56**	**100**	28.9	51.6	28.7	51.3	32.0	57.1
D. The Physical Setting	**31**	**55**	15.6	50.3	15.5	50.0	17.1	55.2
D1/D2 Earth/Space	**17**	**30**	8.8	51.8	8.8	51.8	9.4	55.3
D3/D4 Matter and Energy/Force and Motion	**14**	**25**	6.8	48.6	6.7	47.9	7.7	55.0
E. The Living Environment	**25**	**45**	13.3	53.2	13.2	52.8	14.9	59.6

The MEA assesses students' science knowledge based on questions that measure the science accountability content standards 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 Standard D. The Physical Setting
- D1 - Universe and Solar System
- D2 - Earth
- D3 - Matter and Energy
- D4 - Force and Motion

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

*Because Science standards were reset in May 2009, no historical data are available.

SCIENCE RESULTS
(CONTINUED)

Test Date: March 2009
Grade: 8
SAU: MSAD 49
School: Lawrence Jr High School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	196	18	9	76	39	69	35	33	17	841	198	9	38	35	18	841	14263	15	47	26	12	846
Ethnicity																						
African American/Black	0										0						360	4	31	35	30	835
American Indian or Native Alaskan	0										0						114	8	39	31	22	839
Asian or Pacific Islander	1										1						230	20	44	23	13	848
Hispanic	3										3						184	9	45	29	16	842
Caucasian/White	192	18	9	75	39	67	35	32	17	841	194	9	39	35	18	841	13375	15	47	25	12	846
Not Reported	0										0						0					
Identified disability																						
Yes	36	2	6	6	17	14	39	14	39	832	38	5	16	37	42	831	2221	3	22	36	38	832
No	160	16	10	70	44	55	34	19	12	843	160	10	44	34	12	843	12042	17	51	24	7	848
Current LEP																						
Yes	0										0						331	4	20	39	37	832
No	196	18	9	76	39	69	35	33	17	841	198	9	38	35	18	841	13932	15	48	25	12	846
Economically disadvantaged																						
Yes	87	6	7	29	33	34	39	18	21	839	88	7	33	39	22	838	5184	6	40	33	21	840
No	109	12	11	47	43	35	32	15	14	843	110	11	43	32	15	843	9079	20	51	21	8	849
Migrant																						
Yes	0										0						5	0	0	80	20	829
No	196	18	9	76	39	69	35	33	17	841	198	9	38	35	18	841	14258	15	47	26	12	846
Gender																						
Female	101	11	11	43	43	33	33	14	14	842	102	11	42	32	15	842	6953	14	47	28	11	846
Male	95	7	7	33	35	36	38	19	20	840	96	7	34	38	21	840	7310	16	46	24	13	846
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						828	5	35	40	20	839
No	196	18	9	76	39	69	35	33	17	841	198	9	38	35	18	841	13435	16	48	25	12	846
Gifted/talented program																						
Yes	0										0						699	65	34	2	0	865
No	196	18	9	76	39	69	35	33	17	841	198	9	38	35	18	841	13564	13	48	27	13	845

E = Exceeds the Standards **M = Meets the Standards** **P = Partially Meets the Standards** **D = Does Not Meet the Standards**

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. **N** = Number

SCIENCE RESULTS
(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 49
School: Lawrence Jr High School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	11	3	14	2	9	11	50	6	27	835	11	14	9	50	27	835	8	8	34	28	30	837
B. less than one hour	53	9	9	41	40	34	33	18	18	841	53	9	40	33	18	841	51	14	48	27	11	846
C. one to two hours	29	4	7	26	46	20	36	6	11	843	29	7	46	36	11	843	36	19	48	24	9	848
D. more than two hours	7	1	7	7	50	3	21	3	21	845	7	7	50	21	21	845	5	17	49	20	14	847
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	22	6	14	20	47	14	33	3	7	846	22	14	47	33	7	846	23	27	47	17	8	851
B. good	49	11	12	34	36	32	34	18	19	841	49	11	35	33	20	841	53	15	50	26	10	847
C. fair	24	0	0	18	38	20	43	9	19	836	24	0	38	43	19	836	20	4	43	35	18	840
D. poor	5	0	0	4	44	2	22	3	33	842	5	0	44	22	33	842	4	4	27	34	35	834
How well do the questions that you have just been given on this MEA test match what you have learned in school about science?																						
A. The questions on the test match what I have learned in science class.	28	6	11	21	39	19	35	8	15	842	28	11	39	35	15	842	26	20	49	23	9	849
B. They match some of what I have learned.	52	7	7	41	41	34	34	19	19	841	53	7	40	33	20	840	51	14	48	26	11	846
C. They match just a little of what I have learned.	18	4	12	11	32	15	44	4	12	842	18	12	32	44	12	842	18	13	44	28	15	844
D. There is no match.	2	0	0	2	50	0	0	2	50	829	2	0	50	0	50	829	4	5	33	30	32	836
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	32	7	11	24	39	22	36	8	13	842	32	11	39	36	13	842	32	13	45	28	14	844
B. about the same as my regular schoolwork	57	8	7	41	38	39	36	20	19	840	57	7	38	36	19	840	56	15	49	25	11	847
C. easier than my regular schoolwork	11	2	10	10	50	5	25	3	15	844	11	10	50	25	15	844	11	21	43	22	13	847
How hard did you try on the science part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	35	6	9	23	34	26	39	12	18	841	35	9	34	39	18	841	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	61	11	10	49	43	36	31	19	17	842	61	9	42	31	17	842	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	4	0	0	3	43	3	43	1	14	838	4	0	43	43	14	838	6	8	36	29	26	839
Which courses do you plan to take before you graduate from high school?																						
A. earth and space science and/or biology	28	1	2	22	42	17	32	13	25	837	27	2	42	32	25	837	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	25	4	8	18	38	16	33	10	21	840	25	8	38	33	21	840	23	17	49	22	12	847
C. the course(s) described in B, plus physics	18	8	24	12	35	10	29	4	12	848	18	24	35	29	12	848	21	31	44	17	7	852
D. a life science and physical science class	30	4	7	23	40	24	42	6	11	842	30	7	40	41	12	841	30	7	46	32	14	842
How well does the following statement reflect your future goals? "I am interested in a career related to science, technology, engineering, or mathematics."																						
A. strongly agree	33	7	11	27	42	23	36	7	11	843	33	11	42	36	11	843	27	23	47	20	10	849
B. agree	36	6	9	22	31	25	36	17	24	839	36	8	31	35	25	838	37	14	47	27	12	846
C. disagree	23	4	9	19	42	15	33	7	16	842	23	9	42	33	16	842	25	11	48	29	12	845
D. strongly disagree	8	0	0	8	53	5	33	2	13	843	8	0	53	33	13	843	11	9	44	31	17	842
How do you feel about the following statement? "My knowledge of science will be useful to me as an adult."																						
A. strongly agree	32	7	11	25	40	23	37	8	13	843	32	11	40	37	13	843	31	22	46	22	10	849
B. agree	52	10	10	41	41	32	32	18	18	841	52	10	40	31	19	841	50	14	49	26	11	846
C. disagree	13	0	0	7	28	12	48	6	24	835	13	0	28	48	24	835	14	9	45	31	15	843
D. strongly disagree	3	0	0	3	60	1	20	1	20	846	3	0	60	20	20	846	5	3	38	34	25	837
Optional school/SAU question																						
A.	40	0	0	2	20	7	70	1	10	835	40	0	20	70	10	835						
B.	36	0	0	0	0	1	11	8	89	822	36	0	0	11	89	822						
C.	16	0	0	1	25	1	25	2	50	834	16	0	25	25	50	834						
D.	8	0	0	2	100	0	0	0	0	846	8	0	100	0	0	846						

E = Exceeds the Standards **M = Meets the Standards** **P = Partially Meets the Standards** **D = Does Not Meet the Standards**
N = Number