

APPENDIX L

SAMPLES OF MCAS SPRING 2006 TEST ITEM ANALYSIS REPORTS

This appendix contains samples of the following two MCAS Spring 2006 reports:

- Test Item Analysis Roster report sent to each school for each content area and grade tested at that school
- Test Item Analysis Summary report sent to each school district for each content area and grade tested in that district

These samples contain fictitious data.

Information on how to interpret the information in these reports is provided in the Department's publication, *Interpretive Guide for School and District Reports*, available online at http://www.doe.mass.edu/mcas/interpretive_guides.html.



Massachusetts Department of Education
SPRING 2006 MCAS TESTS
Test Item Analysis Roster Legend
Mathematics

Item Numbers can be directly cross-referenced to item numbers in the MCAS document *Release of Spring 2006 Test Items*.

ITEM TYPE

MC = Multiple-Choice Item
 OR = Open-Response Item
 SA = Short-Answer Item

REPORTING CATEGORY

NS = Number Sense and Operations
 PR = Patterns, Relations, and Algebra
 GE = Geometry
 ME = Measurement
 SP = Data Analysis, Statistics, and Probability

KEY TO SCORE CODES

Multiple-Choice Items:

+ = correct answer (1 point earned)
 A, B, C, or D = incorrect answer choice (0 points earned)
 blank space = no answer chosen (0 points earned)
 * = more than one answer chosen (0 points earned)

Short-Answer Questions

0 or 1 = number earned out of 1 possible point
 blank space = no answer provided (0 points earned)

Open-Response Items:

0, 1, 2, 3, or 4 = number of points earned out of 4 points
 blank space = no answer provided (0 points earned)

Scaled Score Codes:

200-280 = scaled score range
 blank space = student not included in summary scores

PERFORMANCE LEVEL CODES

Standard Codes

A = Advanced
 P = Proficient
 NI = Needs Improvement
 F = Failing

Alternate Assessment Codes

A_A = Advanced
 P_A = Proficient
 NIA = Needs Improvement
 PRG = Progressing
 EMG = Emerging
 AWR = Awareness
 INP = Incomplete

Not Tested Codes

LEP = First-Year Limited English Proficient
 TRN = Transferred
 ABS = Absent
 INC = Incomplete Test Results
 MED = Medically Documented Absence

Certificate of Mastery Codes

A_M = Advanced, Certificate of Mastery
 P_M = Proficient, Certificate of Mastery
 NIM = Needs Improvement, Certificate of Mastery
 F_M = Failing, Certificate of Mastery

Appendix L

				Average Item Score			Percent of District's Total Student Responses (for each MC answer or SA/OR score point)					
Item Number	Item Type	Reporting Category	Standard		District	State	Blank/0	A/1	B/2	C/3	D/4	Correct MC Answer
1	MC	PR	1		0.81	0.86	2	6	5	81	6	C
2	MC	NS	2		0.80	0.87	2	4	80	8	5	B
3	MC	SP	2		0.45	0.55	2	9	45	20	23	B
4	MC	NS	2		0.63	0.73	2	9	6	63	21	C
5	MC	NS	2		0.43	0.59	2	15	18	22	43	D
6	MC	PR	4		0.56	0.54	2	8	19	15	56	D
7	MC	NS	1		0.47	0.51	2	24	16	47	11	C
8	MC	NS	1		0.38	0.55	2	27	38	18	14	B
9	MC	GE	1		0.76	0.77	2	9	5	8	76	D
10	MC	NS	2		0.75	0.83	2	8	10	75	6	C
11	MC	NS	3		0.58	0.70	2	8	58	13	19	B
12	MC	PR	8		0.50	0.63	2	50	15	4	28	A
13	MC	PR	2		0.49	0.64	2	23	17	49	8	C
14	MC	SP	1		0.30	0.43	2	5	58	6	30	D
15	SA	NS	2		0.56	0.68	44	56	0	0	0	
16	SA	GE	6		0.53	0.65	47	53	0	0	0	
17	OR	PR	2		1.67	2.07	15	34	27	16	8	
18	SA	ME	2		0.39	0.49	61	39	0	0	0	
19	SA	SP	1		0.45	0.56	55	45	0	0	0	
20	OR	NS	2		2.45	2.97	13	16	18	20	34	
21	OR	PR	5		1.60	2.05	28	24	14	28	6	
22	MC	PR	1		0.90	0.93	2	90	3	3	2	A
23	MC	ME	2		0.91	0.95	2	2	3	2	91	D
24	MC	PR	3		0.66	0.69	2	66	11	18	3	A
25	MC	SP	1		0.67	0.81	2	20	6	6	67	D
26	MC	ME	3		0.42	0.51	2	14	18	42	24	C
27	MC	NS	2		0.77	0.88	2	11	77	7	4	B
28	MC	GE	6		0.43	0.56	2	29	43	4	22	B
29	MC	PR	1		0.46	0.63	3	15	21	15	46	D
30	MC	SP	1		0.69	0.75	2	7	69	16	6	B
31	OR	SP	1		2.48	2.87	20	14	6	18	42	
32	MC	ME	3		0.82	0.86	2	82	4	7	4	A
33	MC	PR	3		0.74	0.78	2	74	10	11	2	A
34	MC	PR	1		0.64	0.73	2	8	3	23	64	D
35	MC	NS	1		0.63	0.79	2	9	14	12	63	D
36	MC	GE	9		0.46	0.53	2	15	21	46	16	C
37	MC	ME	1		0.46	0.53	3	24	46	16	11	B
38	MC	ME	2		0.75	0.78	2	7	75	10	5	B
39	MC	GE	1		0.42	0.61	2	42	23	17	15	A
40	MC	SP	1		0.30	0.43	2	20	40	30	7	C
41	OR	ME	1		1.66	2.17	26	25	23	10	16	
42	OR	GE	6		1.74	2.20	36	21	4	12	28	
TOTAL					32.57	38.66						

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