

# **Appendix M**

## **PERFORMANCE LEVEL SCORE DISTRIBUTIONS**

**Table M-1. 2010 MCAS: Performance Level Distributions by Grade – English Language Arts**

Grade	Performance Level	Percent in Level		
		2010	2009	2008
3	Advanced	14.33	12.32	15.16
	Proficient	48.53	45.24	40.63
	Needs Improvement	29.55	32.62	32.81
	Failing	7.59	9.82	11.40
4	Advanced	10.90	11.49	7.97
	Proficient	42.65	42.07	40.67
	Needs Improvement	34.74	34.98	38.58
	Failing	11.72	11.46	12.78
5	Advanced	16.24	15.09	13.34
	Proficient	46.58	47.80	47.76
	Needs Improvement	27.60	29.36	30.40
	Failing	9.58	7.75	8.49
6	Advanced	15.41	16.17	15.08
	Proficient	54.30	50.43	52.48
	Needs Improvement	21.29	24.47	24.13
	Failing	9.00	8.94	8.31
7	Advanced	11.02	13.90	12.49
	Proficient	61.23	56.04	56.63
	Needs Improvement	20.60	23.27	23.33
	Failing	7.14	6.79	7.55
8	Advanced	16.87	15.29	12.33
	Proficient	60.65	63.38	62.96
	Needs Improvement	15.66	15.23	17.66
	Failing	6.82	6.10	7.05
10	Advanced	25.95	28.82	23.50
	Proficient	52.39	51.61	50.91
	Needs Improvement	17.83	15.29	21.23
	Failing	3.83	4.29	4.36

**Table M-2. 2010 MCAS: Performance Level Distributions by Grade – Mathematics**

Grade	Performance Level	Percent in Level		
		2010	2009	2008
3	Advanced	25.41	19.87	24.65
	Proficient	39.77	39.91	36.23
	Needs Improvement	24.05	25.47	24.69
	Failing	10.77	14.74	14.43
4	Advanced	15.94	15.52	20.06
	Proficient	31.85	32.40	29.43
	Needs Improvement	41.24	40.75	37.71
	Failing	10.96	11.34	12.79
5	Advanced	24.73	22.18	22.42
	Proficient	29.88	31.66	29.82
	Needs Improvement	28.46	28.60	30.32
	Failing	16.93	17.56	17.44
6	Advanced	26.82	23.77	23.43
	Proficient	32.18	32.92	32.59
	Needs Improvement	24.78	26.86	25.54
	Failing	16.22	16.45	18.44

Grade	Performance Level	Percent in Level		
		2010	2009	2008
7	Advanced	14.06	15.90	14.98
	Proficient	39.29	33.30	32.26
	Needs Improvement	27.17	29.58	28.68
	Failing	19.48	21.22	24.08
8	Advanced	22.19	20.48	19.15
	Proficient	29.33	28.48	29.98
	Needs Improvement	27.55	27.59	26.86
	Failing	20.94	23.46	24.01
10	Advanced	50.10	46.56	43.08
	Proficient	25.25	27.66	28.60
	Needs Improvement	17.40	18.10	19.45
	Failing	7.24	7.69	8.87

**Table M-3. 2010 MCAS: Performance Level Distributions by Grade – Science and Technology/Engineering**

Grade	Performance Level	Percent in Level		
		2010	2009	2008
5	Advanced	14.85	16.67	16.74
	Proficient	38.10	31.86	32.94
	Needs Improvement	35.64	39.14	37.95
	Failing	11.40	12.33	12.37
8	Advanced	3.79	4.22	2.52
	Proficient	35.88	34.96	36.48
	Needs Improvement	41.47	40.30	39.26
	Failing	18.85	20.51	21.74

**Table M-4. 2010 MCAS: Performance Level Distributions – High School Biology**

Performance Level	Percent in Level		
	2010	2009	2008
Advanced	18.16	15.45	13.57
Proficient	46.78	45.76	41.02
Needs Improvement	25.07	24.31	28.37
Failing	9.99	14.48	17.04

**Table M-5. 2010 MCAS: Performance Level Distributions – High School Chemistry**

Performance Level	Percent in Level		
	2010	2009	2008
Advanced	22.36	15.36	15.11
Proficient	25.91	21.48	21.48
Needs Improvement	25.41	21.37	18.74
Failing	26.31	41.79	44.68

**Table M-6. 2010 MCAS: Performance Level Distributions – High School Introductory Physics**

<i>Performance Level</i>	<i>Percent in Level</i>		
	<i>2010</i>	<i>2009</i>	<i>2008</i>
Advanced	18.03	17.68	17.27
Proficient	41.90	39.41	37.72
Needs Improvement	31.22	27.59	30.35
Failing	8.85	15.32	14.66

**Table M-7. 2010 MCAS: Performance Level Distributions – High School Technology/Engineering**

<i>Performance Level</i>	<i>Percent in Level</i>		
	<i>2010</i>	<i>2009</i>	<i>2008</i>
Advanced	4.66	5.52	2.80
Proficient	45.51	46.54	44.02
Needs Improvement	37.22	32.82	38.74
Failing	12.61	15.13	14.44

**Table M-8. 2010 MCAS-Alt: Performance Level Distributions by Grade – English Language Arts**

<i>Grade</i>	<i>Performance Level</i>	<i>Percent in Level</i>		
		<i>2010</i>	<i>2009</i>	<i>2008</i>
3	Needs Improvement	0.00	0.00	0.18
	Progressing	85.55	85.28	83.71
	Emerging	5.96	6.73	7.04
	Awareness	1.04	0.94	1.37
	Incomplete	7.45	7.05	7.69
4	Needs Improvement	0.00	0.08	0.16
	Progressing	86.95	83.81	86.67
	Emerging	6.93	11.65	6.70
	Awareness	0.67	0.53	0.89
	Incomplete	5.45	3.93	5.57
5	Needs Improvement	0.15	0.08	0.00
	Progressing	86.36	85.06	84.12
	Emerging	4.35	6.63	4.31
	Awareness	0.80	1.30	1.27
	Incomplete	8.35	6.94	10.30
6	Needs Improvement	0.15	0.00	0.25
	Progressing	90.05	85.43	83.57
	Emerging	3.86	6.32	5.09
	Awareness	1.16	1.70	1.31
	Incomplete	4.78	6.56	9.78
7	Needs Improvement	0.16	0.00	0.09
	Progressing	86.71	80.40	80.58
	Emerging	7.80	14.31	9.94
	Awareness	0.72	0.54	1.37
	Incomplete	4.61	4.74	8.02
8	Needs Improvement	0.00	0.00	0.00
	Progressing	87.34	84.19	81.89
	Emerging	4.35	7.16	5.04
	Awareness	1.58	1.33	1.13
	Incomplete	6.72	7.33	11.93

Grade	Performance Level	Percent in Level		
		2010	2009	2008
10	Advanced	0.00	0.00	0.00
	Proficient	0.10	0.10	0.00
	Needs Improvement	0.00	0.61	0.11
	Progressing	72.31	76.70	75.28
	Emerging	12.12	15.10	13.08
	Awareness	1.15	1.32	1.77
	Incomplete	14.33	6.18	9.76

**Table M-9. 2010 MCAS-Alt: Performance Level Distributions by Grade – Mathematics**

Grade	Performance Level	Percent in Level		
		2010	2009	2008
3	Needs Improvement	0.15	0.00	0.09
	Progressing	88.10	84.42	87.41
	Emerging	6.10	5.89	5.09
	Awareness	1.12	1.29	1.76
	Incomplete	4.54	8.39	5.65
4	Needs Improvement	0.14	0.00	0.40
	Progressing	87.29	83.83	87.65
	Emerging	5.23	5.54	3.79
	Awareness	1.22	0.52	0.73
	Incomplete	6.12	10.10	7.43
5	Needs Improvement	0.14	0.08	0.08
	Progressing	87.07	86.34	83.93
	Emerging	4.54	4.95	5.33
	Awareness	1.26	1.28	0.97
	Incomplete	6.99	7.36	9.69
6	Needs Improvement	0.00	0.53	0.31
	Progressing	90.82	86.84	82.34
	Emerging	4.19	4.56	4.95
	Awareness	1.25	1.83	1.57
	Incomplete	3.74	6.24	10.83
7	Needs Improvement	0.07	0.07	0.09
	Progressing	87.02	84.41	83.33
	Emerging	4.70	5.10	5.73
	Awareness	1.72	1.85	1.91
	Incomplete	6.49	8.57	8.94
8	Needs Improvement	0.30	0.33	0.19
	Progressing	88.78	84.76	83.30
	Emerging	4.06	6.19	4.17
	Awareness	1.25	0.57	1.33
	Incomplete	5.61	8.15	11.01
10	Advanced	0.00	0.00	0.00
	Proficient	0.09	0.20	0.11
	Needs Improvement	0.00	0.50	0.44
	Progressing	69.61	69.63	72.43
	Emerging	16.37	17.88	15.75
	Awareness	1.03	1.10	1.64
Incomplete	12.89	10.69	9.63	

**Table M-10. 2010 MCAS-Alt: Performance Level Distributions by Grade – Science and Technology/Engineering**

Grade	Performance Level	Percent in Level		
		2010	2009	2008
5	Needs Improvement	0.00	0.08	0.00
	Progressing	82.62	83.09	82.97
	Emerging	8.29	9.13	8.14
	Awareness	0.48	0.85	0.84
	Incomplete	8.61	6.85	8.04
8	Needs Improvement	0.00	0.18	0.00
	Progressing	82.40	81.39	78.12
	Emerging	7.69	12.01	12.05
	Awareness	0.91	0.73	1.27
	Incomplete	9.01	5.68	8.56

**Table M-11. 2010 MCAS-Alt: Performance Level Distributions – High School Biology**

Performance Level	Percent in Level		
	2010	2009	2008
Advanced	0.00	0.00	0.00
Proficient	0.00	0.24	0.00
Needs Improvement	0.00	0.96	0.00
Progressing	69.82	71.33	68.13
Emerging	14.39	15.18	11.47
Awareness	2.58	2.41	2.27
Incomplete	13.21	9.88	18.13

**Table M-12. 2010 MCAS-Alt: Performance Level Distributions – High School Chemistry**

Performance Level	Percent in Level		
	2010	2009	2008
Advanced	0.00	0.00	0.00
Proficient	2.00	0.00	0.00
Needs Improvement	0.00	0.00	0.00
Progressing	68.00	77.00	80.82
Emerging	9.00	12.00	10.96
Awareness	1.00	4.00	2.74
Incomplete	20.00	7.00	5.48

**Table M-13. 2010 MCAS-Alt: Performance Level Distributions – High School Introductory Physics**

Performance Level	Percent in Level		
	2010	2009	2008
Advanced	0.00	0.00	0.00
Proficient	0.00	0.00	0.00
Needs Improvement	0.00	12.28	4.92
Progressing	62.20	64.91	63.93
Emerging	14.63	14.04	14.75
Awareness	7.32	3.51	1.64
Incomplete	15.85	5.26	14.75

**Table M-14. 2010 MCAS-Alt: Performance Level Distributions – High School Technology/Engineering**

<i>Performance Level</i>	<i>Percent in Level</i>		
	<i>2010</i>	<i>2009</i>	<i>2008</i>
Advanced	0.00	0.00	0.00
Proficient	0.00	0.00	0.00
Needs Improvement	0.00	0.00	0.00
Progressing	63.64	61.90	71.01
Emerging	18.18	17.86	7.25
Awareness	4.04	3.57	0.00
Incomplete	14.14	16.67	21.74