

**Massachusetts Tests for Educator Licensure  
(MTEL) September 1, 2013 – August 31, 2014  
Open Response Statistics Report**

Test Field	Number of Tests Taken	Open-Response Items							
		Item 1				Item 2			
		Scorer Agreement			Inter-rater Reliability	Scorer Agreement			Inter-rater Reliability
		Percent Agreement	Percent Exact	Percent Adjacent		Percent Agreement	Percent Exact	Percent Adjacent	
<b>01 Communication and Literacy Skills–Writing</b>	10,657	99.6	69.8	29.8	0.77	99.8	77.2	22.6	0.79
<b>02 Early Childhood</b>	1,688	99.2	72.7	26.5	0.86	99.5	75.5	23.9	0.85
<b>03 General Curriculum–Multi-Subject</b>	4,163	99.5	72.7	26.8	0.91	--	--	--	--
<b>03 General Curriculum–Mathematics</b>	4,996	99.6	77.6	22.0	0.93	--	--	--	--
<b>06 History</b>	1,118	99.7	70.8	28.9	0.85	100.0	68.7	31.3	0.87
<b>07 English</b>	1,272	98.7	67.4	31.3	0.80	99.4	73.1	26.4	0.85
<b>08 Reading Specialist</b>	487	99.4	77.2	22.2	0.86	98.6	75.2	23.4	0.75
<b>09 Mathematics</b>	698	99.7	83.0	16.7	0.96	99.7	84.9	14.7	0.97
<b>10 General Science</b>	318	100.0	94.0	6.0	0.98	100.0	93.3	6.7	0.98
<b>11 Physics</b>	131	100.0	99.2	0.8	1.00	100.0	98.4	1.6	1.00
<b>12 Chemistry</b>	175	100.0	96.4	3.6	0.99	100.0	96.5	3.5	0.99
<b>13 Biology</b>	411	100.0	81.7	18.3	0.91	100.0	81.1	18.9	0.94
<b>16 Music</b>	282	96.1	55.9	40.1	0.76	97.1	59.4	37.8	0.78
<b>17 Visual Art</b>	335	97.0	51.9	45.1	0.64	97.9	56.9	41.0	0.75

*NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.*



	Open-Response Items			
	Item 5 of 5			
	Scorer Agreement			Inter-rater Reliability
	Percent Agreement	Percent Exact	Percent Adjacent	
<b>Test Field</b>				
<b>01 Communication and Literacy Skills–Writing</b>	--	--	--	--
<b>02 Early Childhood</b>	--	--	--	--
<b>03 General Curriculum–Multi-Subject</b>	--	--	--	--
<b>03 General Curriculum–Mathematics</b>	--	--	--	--
<b>06 History</b>	--	--	--	--
<b>07 English</b>	--	--	--	--
<b>08 Reading Specialist</b>	--	--	--	--
<b>09 Mathematics</b>	--	--	--	--
<b>10 General Science</b>	--	--	--	--
<b>11 Physics</b>	--	--	--	--
<b>12 Chemistry</b>	--	--	--	--
<b>13 Biology</b>	--	--	--	--
<b>16 Music</b>	--	--	--	--
<b>17 Visual Art</b>	--	--	--	--

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		Scorer Agreement			Inter-rater Reliability	Scorer Agreement			Inter-rater Reliability
		Percent Agreement	Percent Exact	Percent Adjacent		Percent Agreement	Percent Exact	Percent Adjacent	
<b>Test Field</b>									
<b>21 Health/Family and Consumer Sciences</b>	255	100.0	67.1	32.9	0.71	100.0	65.7	34.3	0.89
<b>22 Physical Education</b>	572	100.0	66.5	33.5	0.85	99.8	71.5	28.3	0.90
<b>28 Spanish</b>	305	100.0	76.5	23.5	0.87	100.0	74.6	25.4	0.88
<b>45 Theater</b>	106	100.0	94.3	5.7	0.97	100.0	95.3	4.7	0.99
<b>47 Middle School Mathematics</b>	570	99.4	84.8	14.7	0.97	99.6	85.4	14.2	0.96
<b>50 Middle School Humanities</b>	139	100.0	87.0	13.0	0.94	100.0	74.5	25.5	0.91
<b>51 Middle School Mathematics/Science</b>	113	100.0	100.0	0.0	1.00	100.0	100.0	0.0	1.00
<b>53 Elementary Mathematics</b>	778	99.6	85.8	13.8	0.96	99.4	81.6	17.8	0.95
<b>54 English as a Second Language</b>	1,450	99.2	66.0	33.2	0.83	99.4	65.1	34.3	0.82
<b>56 Sheltered English Immersion</b>	400	99.7	50.3	49.5	0.78	99.7	50.4	49.4	0.77
<b>90 Foundations of Reading</b>	5,470	99.4	75.6	23.9	0.81	99.5	76.4	23.1	0.85
<b>91 Vocational Technical Literacy Skills Test–Writing</b>	263	100.0	72.7	27.3	0.79	98.0	64.8	33.2	0.81



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	Item 5 of 5			
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<b>Test Field</b>				
<b>21 Health/Family and Consumer Sciences</b>	--	--	--	--
<b>22 Physical Education</b>	--	--	--	--
<b>28 Spanish</b>	--	--	--	--
<b>45 Theater</b>	--	--	--	--
<b>47 Middle School Mathematics</b>	--	--	--	--
<b>50 Middle School Humanities</b>	--	--	--	--
<b>51 Middle School Mathematics/Science</b>	--	--	--	--
<b>53 Elementary Mathematics</b>	--	--	--	--
<b>54 English as a Second Language</b>	--	--	--	--
<b>56 Sheltered English Immersion</b>	99.5	45.0	54.5	0.74
<b>90 Foundations of Reading</b>	--	--	--	--
<b>91 Vocational Technical Literacy Skills Test–Writing</b>	--	--	--	--