

*Massachusetts Tests for Educator Licensure (MTEL)
September 1, 2016 - August 31, 2017*

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	
01 Communication and Literacy Skills - Writing	10,282	99.9	77.4	22.4	0.82	100.0	79.3	20.6	0.81
02 Early Childhood	1,844	99.7	77.9	21.8	0.88	99.9	82.6	17.3	0.88
03 General Curriculum - Multi-Subject	3,841	98.9	72.9	26.0	0.89	--	--	--	--
03 General Curriculum - Mathematics	4,678	99.4	80.8	18.6	0.94	--	--	--	--
06 History	926	99.9	83.9	16.0	0.92	99.6	81.5	18.0	0.91
07 English	1,151	99.3	68.2	31.1	0.79	100.0	79.9	20.1	0.89
08 Reading Specialist	504	99.6	84.7	14.9	0.92	99.6	79.7	19.9	0.84
10 General Science	306	98.0	82.6	15.4	0.92	99.0	82.8	16.2	0.94
11 Physics	124	100.0	100.0	0.0	1.00	100.0	100.0	0.0	1.00
12 Chemistry	184	99.4	98.9	0.6	0.99	100.0	100.0	0.0	1.00
13 Biology	379	98.4	77.9	20.5	0.87	98.7	73.1	25.6	0.89
16 Music	305	99.0	62.5	36.5	0.79	98.7	67.0	31.7	0.83
17 Visual Art	275	96.7	60.4	36.4	0.73	98.5	67.3	31.3	0.87
21 Health/Family and Consumer Sciences	270	95.9	71.1	24.8	0.82	97.8	75.5	22.3	0.91
22 Physical Education	644	95.6	63.3	32.3	0.81	96.1	74.0	22.1	0.86
28 Spanish	244	100.0	83.6	16.4	0.90	100.0	86.3	13.8	0.92

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

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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	
47 Middle School Mathematics	493	100.0	83.6	16.4	0.96	100.0	86.5	13.5	0.97
50 Middle School Humanities	167	100.0	94.5	5.5	0.97	100.0	98.8	1.2	1.00
51 Middle School Mathematics/Science	101	100.0	100.0	0.0	1.00	100.0	100.0	0.0	1.00
53 Elementary Mathematics	516	100.0	90.3	9.7	0.98	99.8	95.0	4.8	0.99
54 English as a Second Language	1,595	98.1	62.4	35.7	0.71	97.8	61.4	36.4	0.73
56 Sheltered English Immersion	1,791	99.7	73.3	26.4	0.71	99.1	65.4	33.7	0.68
90 Foundations of Reading	5,525	99.7	77.9	21.8	0.79	99.4	75.3	24.1	0.84
91 Vocational Technical Literacy Skills Test - Writing	256	99.6	81.6	18.0	0.88	100.0	85.6	14.4	0.93

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Test Field	Open-Response Items							
	Item 3				Item 4			
	Scorer Agreement			Inter-rater Reliability	Scorer Agreement			Inter-rater Reliability
	Percent Agreement	Percent Exact	Percent Adjacent		Percent Agreement	Percent Exact	Percent Adjacent	
01 Communication and Literacy Skills - Writing	--	--	--	--	--	--	--	--
02 Early Childhood	--	--	--	--	--	--	--	--
03 General Curriculum - Multi-Subject	--	--	--	--	--	--	--	--
03 General Curriculum - Mathematics	--	--	--	--	--	--	--	--
06 History	--	--	--	--	--	--	--	--
07 English	--	--	--	--	--	--	--	--
08 Reading Specialist	--	--	--	--	--	--	--	--
10 General Science	--	--	--	--	--	--	--	--
11 Physics	--	--	--	--	--	--	--	--
12 Chemistry	--	--	--	--	--	--	--	--
13 Biology	--	--	--	--	--	--	--	--
16 Music	--	--	--	--	--	--	--	--
17 Visual Art	--	--	--	--	--	--	--	--
21 Health/Family and Consumer Sciences	--	--	--	--	--	--	--	--
22 Physical Education	--	--	--	--	--	--	--	--
28 Spanish	--	--	--	--	--	--	--	--

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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	
47 Middle School Mathematics	--	--	--	--	--	--	--	--
50 Middle School Humanities	--	--	--	--	--	--	--	--
51 Middle School Mathematics/Science	--	--	--	--	--	--	--	--
53 Elementary Mathematics	--	--	--	--	--	--	--	--
54 English as a Second Language	--	--	--	--	--	--	--	--
56 Sheltered English Immersion	98.9	61.9	37.1	0.68	99.5	62.8	36.7	0.70
90 Foundations of Reading	--	--	--	--	--	--	--	--
91 Vocational Technical Literacy Skills Test - Writing	--	--	--	--	--	--	--	--

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Test Field	Open-Response Items			
	Item 5 of 5			
	Scorer Agreement			Inter-rater Reliability
	Percent Agreement	Percent Exact	Percent Adjacent	
01 Communication and Literacy Skills - Writing	--	--	--	--
02 Early Childhood	--	--	--	--
03 General Curriculum - Multi-Subject	--	--	--	--
03 General Curriculum - Mathematics	--	--	--	--
06 History	--	--	--	--
07 English	--	--	--	--
08 Reading Specialist	--	--	--	--
10 General Science	--	--	--	--
11 Physics	--	--	--	--
12 Chemistry	--	--	--	--
13 Biology	--	--	--	--
16 Music	--	--	--	--
17 Visual Art	--	--	--	--
21 Health/Family and Consumer Sciences	--	--	--	--
22 Physical Education	--	--	--	--
28 Spanish	--	--	--	--

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	Item 5 of 5			
	Scorer Agreement			Inter-rater Reliability
	Percent Agreement	Percent Exact	Percent Adjacent	
47 Middle School Mathematics	--	--	--	--
50 Middle School Humanities	--	--	--	--
51 Middle School Mathematics/Science	--	--	--	--
53 Elementary Mathematics	--	--	--	--
54 English as a Second Language	--	--	--	--
56 Sheltered English Immersion	99.6	61.7	37.9	0.69
90 Foundations of Reading	--	--	--	--
91 Vocational Technical Literacy Skills Test - Writing	--	--	--	--

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