

**Massachusetts Tests for Educator Licensure (MTEL)
September 1, 2023 - August 31, 2024**

Technical Report Statistics by Test Form

Test Field and Form		Number of Tests Taken	Total Test Scaled Score Indices					Multiple-Choice Section					Open Response Section		Pearson Corr. of MC & OR Section Scores
			Mean	SEM	Decision Consistency	Stratified Alpha		Length	Keats' SEM	Computed SEM	KR20	G Coefficient			
						Fixed	Random					I Fixed	I Random		
01 Communication and Literacy Skills - Reading	A	1,063	253	12.9	0.82	--	--	36	2.5	2.1	0.79	--	--	--	
	B	1,039	251	13.2	0.84	--	--	36	2.5	2.2	0.80	--	--	--	
	C	735	255	14.9	0.84	--	--	36	2.3	2.0	0.75	--	--	--	
	D	692	245	14.0	0.80	--	--	36	2.5	2.3	0.77	--	--	--	
	E	671	251	15.9	0.81	--	--	36	2.4	2.1	0.74	--	--	--	
	F	659	246	14.7	0.84	--	--	36	2.4	2.2	0.77	--	--	--	
	G	562	253	14.1	0.82	--	--	36	2.4	2.1	0.75	--	--	--	
	H	505	251	14.1	0.81	--	--	36	2.4	2.1	0.75	--	--	--	
	J	482	251	13.0	0.79	--	--	36	2.4	2.2	0.70	--	--	--	
	K	471	254	15.5	0.83	--	--	36	2.4	2.1	0.72	--	--	--	
	L	469	248	13.5	0.83	--	--	36	2.5	2.2	0.78	--	--	--	
	M	466	242	14.7	0.78	--	--	36	2.4	2.2	0.78	--	--	--	
	N	400	252	13.0	0.85	--	--	36	2.4	2.2	0.79	--	--	--	
P	371	248	14.5	0.81	--	--	36	2.4	2.2	0.76	--	--	--		

(Continued)

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			Mean	SEM	Decision Consistency	Stratified Alpha		Length	Keats' SEM	Computed SEM	KR20	G Coefficient			
						Fixed	Random					I Fixed	I Random		
01 Communication and Literacy Skills - Writing	A	1,087	249	11.3	0.88	0.90	0.77	40	2.8	2.5	0.84	0.88	0.45	0.49	
	B	1,039	249	12.0	0.89	0.92	0.78	40	2.6	2.3	0.86	0.88	0.43	0.55	
	C	1,000	249	11.7	0.89	0.91	0.77	40	2.8	2.4	0.86	0.88	0.42	0.52	
	D	940	247	11.3	0.86	0.91	0.78	40	2.7	2.4	0.84	0.89	0.46	0.54	
	E	910	247	11.6	0.88	0.91	0.78	40	2.7	2.4	0.85	0.89	0.43	0.54	
	F	870	248	11.4	0.88	0.93	0.82	40	2.7	2.4	0.86	0.91	0.57	0.56	
	G	780	246	12.9	0.88	0.93	0.78	40	2.7	2.4	0.87	0.91	0.41	0.55	
	H	748	248	11.1	0.84	0.91	0.81	40	2.7	2.4	0.86	0.89	0.52	0.52	
	J	556	246	11.5	0.88	0.93	0.83	40	2.7	2.4	0.86	0.91	0.58	0.64	
	K	552	250	11.1	0.88	0.91	0.81	40	2.8	2.4	0.86	0.88	0.46	0.55	
015 Latin and Classical Humanities	A	9	--	--	--	--	--	85	--	--	--	--	--	--	
	B	6	--	--	--	--	--	85	--	--	--	--	--	--	

(Continued)

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						Fixed	Random					I Fixed	I Random		
016 Music	A	66	238	--	--	--	--	85	--	--	--	--	--	--	
	B	66	237	--	--	--	--	85	--	--	--	--	--	--	
	C	65	235	--	--	--	--	85	--	--	--	--	--	--	
	D	63	231	--	--	--	--	85	--	--	--	--	--	--	
	E	52	243	--	--	--	--	85	--	--	--	--	--	--	
	F	38	234	--	--	--	--	85	--	--	--	--	--	--	
017 Visual Art	A	100	251	8.8	0.89	0.90	0.87	85	4.1	3.6	0.86	0.91	0.51	0.60	
	B	84	255	--	--	--	--	85	--	--	--	--	--	--	
	C	48	257	--	--	--	--	85	--	--	--	--	--	--	
	D	29	255	--	--	--	--	85	--	--	--	--	--	--	
019 Business	A	38	240	--	--	--	--	85	--	--	--	--	--	--	
	B	31	237	--	--	--	--	85	--	--	--	--	--	--	

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			Mean	SEM	Decision Consistency	Stratified Alpha		Length	Keats' SEM	Computed SEM	KR20	G Coefficient			
						Fixed	Random					I Fixed	I Random		
021 Health/Family and Consumer Sciences	A	112	244	12.2	0.80	0.76	0.70	85	3.4	3.1	0.71	0.92	0.36	0.16	
	B	90	237	--	--	--	--	85	--	--	--	--	--	--	
	C	20	241	--	--	--	--	85	--	--	--	--	--	--	
	D	17	245	--	--	--	--	85	--	--	--	--	--	--	
022 Physical Education	A	255	225	11.3	0.81	0.79	0.77	85	3.4	3.6	0.75	0.89	0.25	0.44	
	B	230	222	11.7	0.79	0.79	0.78	85	3.4	3.6	0.76	0.91	0.30	0.34	
	C	84	220	--	--	--	--	85	--	--	--	--	--	--	
	D	77	224	--	--	--	--	85	--	--	--	--	--	--	
026 French	A	32	245	--	--	--	--	85	--	--	--	--	--	--	
	B	23	238	--	--	--	--	85	--	--	--	--	--	--	
027 German	A	5	--	--	--	--	--	34	--	--	--	--	--	--	

(Continued)

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			Mean	SEM	Decision Consistency	Stratified Alpha		Length	Keats' SEM	Computed SEM	KR20	G Coefficient			
						Fixed	Random					I Fixed	I Random		
028 Spanish	A	113	248	9.0	0.92	0.93	0.90	85	4.0	3.7	0.86	0.93	0.80	0.63	
	B	85	253	--	--	--	--	85	--	--	--	--	--	--	
	C	19	252	--	--	--	--	85	--	--	--	--	--	--	
	D	17	259	--	--	--	--	85	--	--	--	--	--	--	
029 Chinese (Mandarin)	A	17	274	--	--	--	--	34	--	--	--	--	--	--	
	B	13	274	--	--	--	--	34	--	--	--	--	--	--	
030 Italian	A	9	--	--	--	--	--	34	--	--	--	--	--	--	
032 Portuguese	A	39	230	--	--	--	--	34	--	--	--	--	--	--	
044 Speech	A	1	--	--	--	--	--	85	--	--	--	--	--	--	
045 Theater	A	38	255	--	--	--	--	85	--	--	--	--	--	--	
	B	30	255	--	--	--	--	85	--	--	--	--	--	--	
046 Dance	A	31	225	--	--	--	--	85	--	--	--	--	--	--	

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			Mean	SEM	Decision Consistency	Stratified Alpha		Length	Keats' SEM	Computed SEM	KR20	G Coefficient			
						Fixed	Random					I Fixed	I Random		
054 English as a Second Language	A	623	226	9.2	0.83	0.86	0.85	85	3.7	3.9	0.82	0.84	0.62	0.53	
	B	598	228	9.3	0.84	0.84	0.82	85	3.7	3.9	0.80	0.79	0.56	0.46	
	C	125	226	9.5	0.82	0.91	0.89	85	3.7	3.8	0.89	0.79	0.41	0.58	
	D	105	226	9.5	0.88	0.91	0.90	85	3.7	3.8	0.90	0.76	0.63	0.43	
	E	8	--	--	--	--	--	85	--	--	--	--	--	--	
055 Adult Basic Education	A	9	--	--	--	--	--	85	--	--	--	--	--	--	
056 Sheltered English Immersion	A	207	243	8.9	0.87	0.89	0.87	52	3.2	2.9	0.77	0.92	0.86	0.48	
	B	196	242	8.8	0.89	0.89	0.87	52	3.1	2.9	0.75	0.93	0.86	0.49	
	C	89	239	--	--	--	--	52	--	--	--	--	--	--	
	D	83	239	--	--	--	--	52	--	--	--	--	--	--	
061 English	A	869	240	8.5	0.88	0.90	0.88	85	4.0	3.8	0.86	0.90	0.60	0.60	
062 Reading Specialist	A	281	259	9.0	0.94	0.93	0.89	85	4.1	3.4	0.91	0.92	0.43	0.60	

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						Fixed	Random					I Fixed	I Random		
063 Mathematics	A	263	243	8.0	0.94	0.97	0.92	72	4.1	3.6	0.95	0.97	0.54	0.58	
	B	254	245	7.9	0.91	0.96	0.93	72	4.1	3.6	0.94	0.97	0.60	0.63	
064 General Science	A	309	248	8.9	0.91	0.93	0.88	85	4.0	3.7	0.90	0.96	0.47	0.62	
065 Middle School Mathematics	A	274	230	8.1	0.91	0.94	0.89	72	3.9	3.7	0.92	0.96	0.34	0.42	
	B	257	229	7.9	0.89	0.93	0.86	72	3.9	3.7	0.91	0.95	0.31	0.36	
066 Biology	A	213	260	8.1	0.94	0.95	0.91	85	4.2	3.6	0.93	0.96	0.50	0.62	
067 Chemistry	A	119	256	8.4	0.90	0.96	0.90	85	4.2	3.6	0.94	1.00	0.54	0.35	
068 Elementary Mathematics	A	393	223	8.3	0.91	0.93	0.88	85	4.3	4.2	0.91	0.95	0.42	0.39	
069 Physics	A	105	244	8.4	0.90	0.97	0.94	85	4.1	3.7	0.95	1.00	0.63	0.60	
070 Technology/Engineering	A	63	247	--	--	--	--	85	--	--	--	--	--	--	
071 Digital Literacy and Computer Science	A	126	246	8.6	0.90	0.95	0.92	85	3.8	3.5	0.92	0.92	0.55	0.67	
072 Early Childhood	A	1,100	249	8.6	0.86	0.84	0.79	85	4.0	3.7	0.78	0.87	0.42	0.43	
073 History/Social Science	A	721	246	7.2	0.88	0.92	0.90	85	4.2	4.0	0.90	0.94	0.64	0.49	
074 Earth and Space Science	A	19	251	--	--	--	--	85	--	--	--	--	--	--	

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						Fixed	Random	Length	Keats' SEM	Computed SEM	KR20	I Fixed	I Random	
076 Middle School Humanities	A	110	243	7.6	0.91	0.92	0.89	85	4.2	3.9	0.88	0.95	0.56	0.67
077 Middle School Mathematics/Science	A	106	244	9.1	0.93	0.95	0.86	85	4.1	3.8	0.92	0.94	0.23	0.58
079 Bilingual Education	A	41	257	--	--	--	--	85	--	--	--	--	--	--
178 Gen Curric Lang Arts and History/Social Science	A	2,341	252	10.1	0.84	0.78	0.78	51	3.2	2.9	0.74	0.91	0.91	0.44
190 Foundations of Reading	A	1,278	245	8.1	0.89	0.92	0.91	85	4.1	3.7	0.91	0.86	0.44	0.54
	B	1,242	245	8.1	0.89	0.92	0.91	85	4.1	3.8	0.91	0.84	0.46	0.50
	C	363	240	8.2	0.89	0.94	0.93	85	4.1	3.7	0.93	0.84	0.42	0.62
	D	327	245	8.2	0.90	0.94	0.92	85	4.1	3.7	0.92	0.84	0.49	0.57
	E	136	242	8.1	0.84	0.89	0.88	85	4.1	3.9	0.88	0.83	0.38	0.42
	F	128	239	8.0	0.81	0.88	0.87	85	4.1	3.9	0.87	0.81	0.31	0.45

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						Fixed	Random					I Fixed	I Random		
91 Vocational Technical Literacy Skills Test - Reading	A	80	272	--	--	--	--	51	--	--	--	--	--	--	
	B	80	270	--	--	--	--	51	--	--	--	--	--	--	
	C	41	262	--	--	--	--	51	--	--	--	--	--	--	
	D	28	265	--	--	--	--	51	--	--	--	--	--	--	
278 Gen Curric Math, Science, and Tech/Engineering	A	2,892	244	9.4	0.81	0.84	0.84	51	3.3	3.1	0.81	0.91	0.91	0.49	
91 Vocational Technical Literacy Skills Test - Writing	A	102	243	13.4	0.85	0.91	0.80	34	2.6	2.1	0.78	0.91	0.60	0.66	
	B	93	249	--	--	--	--	34	--	--	--	--	--	--	
	C	44	248	--	--	--	--	34	--	--	--	--	--	--	
	D	40	244	--	--	--	--	34	--	--	--	--	--	--	
801 CASA: Reading subtest	A	185	254	9.8	0.88	--	--	32	2.7	2.5	0.80	--	--	--	
	B	151	255	10.1	0.89	--	--	32	2.7	2.3	0.83	--	--	--	

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						Fixed	Random					I Fixed	I Random		
803 CASA: Writing subtest	A	206	245	7.4	0.87	0.91	0.91	33	2.8	2.5	0.80	0.97	0.97	0.34	
	B	181	244	7.3	0.82	0.91	0.91	33	2.7	2.5	0.79	0.98	0.98	0.39	
866 MoGEA: Reading Comprehension and Interpretation subtest	A	110	242	11.4	0.74	--	--	30	2.6	2.5	0.78	--	--	--	
	B	108	244	11.4	0.70	--	--	30	2.6	2.5	0.68	--	--	--	
867 MoGEA: Writing subtest	A	161	238	4.5	0.98	--	--	--	--	--	--	0.97	0.97	--	
	B	84	238	--	--	--	--	--	--	--	--	--	--	--	
	C	67	237	--	--	--	--	--	--	--	--	--	--	--	
	D	66	235	--	--	--	--	--	--	--	--	--	--	--	
	E	47	251	--	--	--	--	--	--	--	--	--	--	--	
	F	45	237	--	--	--	--	--	--	--	--	--	--	--	
	G	34	226	--	--	--	--	--	--	--	--	--	--	--	
	H	29	244	--	--	--	--	--	--	--	--	--	--	--	

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						Fixed	Random					I Fixed	I Random		
895 WEST-B: Reading subtest	A	22	249	--	--	--	--	54	--	--	--	--	--	--	
	B	19	259	--	--	--	--	54	--	--	--	--	--	--	
896 WEST-B: Writing subtest	A	19	237	--	--	--	--	45	--	--	--	--	--	--	
	B	17	250	--	--	--	--	45	--	--	--	--	--	--	
900 MTEL-Flex English Objective 0014	A	70	234	--	--	--	--	--	--	--	--	--	--	--	
901 MTEL-Flex English Objective 0015	A	26	222	--	--	--	--	--	--	--	--	--	--	--	
902 MTEL-Flex English as a Second Language Objective 0005	A	48	253	--	--	--	--	--	--	--	--	--	--	--	
903 MTEL-Flex English as a Second Language Objective 0008	A	127	265	8.0	0.99	--	--	--	--	--	--	0.96	0.96	--	
904 MTEL-Flex Foundations of Reading Objective 0010	A	151	259	6.0	0.99	--	--	--	--	--	--	0.96	0.96	--	
905 MTEL-Flex Foundations of Reading Objective 0011	A	74	229	--	--	--	--	--	--	--	--	--	--	--	
906 MTEL-Flex Gen Curric Multisubject Objective 0006	A	63	238	--	--	--	--	--	--	--	--	--	--	--	

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						Fixed	Random	Length	Keats' SEM	Computed SEM	KR20	I Fixed	I Random		
907 MTEL-Flex Gen Curric Multisubject Objective 0010	A	56	235	--	--	--	--	--	--	--	--	--	--	--	--
908 MTEL-Flex Gen Curric Mathematics Objective 0019	A	126	210	16.8	0.90	--	--	--	--	--	--	0.83	0.83	--	
909 MTEL-Flex Gen Curric Mathematics Objective 0020	A	12	228	--	--	--	--	--	--	--	--	--	--	--	
912 MTEL-Flex Spanish Objective 0013	A	9	--	--	--	--	--	--	--	--	--	--	--	--	
913 MTEL-Flex Spanish Objective 0014	A	1	--	--	--	--	--	--	--	--	--	--	--	--	
914 MTEL-Flex General Science Objective 0017	A	12	258	--	--	--	--	--	--	--	--	--	--	--	
915 MTEL-Flex General Science Objective 0018	A	8	--	--	--	--	--	--	--	--	--	--	--	--	
916 MTEL-Flex History/Social Science Objective 0014	A	3	--	--	--	--	--	--	--	--	--	--	--	--	
917 MTEL-Flex History/Social Science Objective 0015	A	37	260	--	--	--	--	--	--	--	--	--	--	--	

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						Fixed	Random	Length	Keats' SEM	Computed SEM	KR20	I Fixed	I Random		
918 MTEL-Flex General Curriculum Subtest 1 Obj 0010	A	64	269	--	--	--	--	--	--	--	--	--	--	--	--
919 MTEL-Flex General Curriculum Subtest 2 Obj 0020	A	142	250	8.4	0.93	--	--	--	--	--	--	0.89	0.89	--	
920 MTEL-Flex Mathematics Objective 0018	A	19	243	--	--	--	--	--	--	--	--	--	--	--	
921 MTEL-Flex Mathematics Objective 0019	A	8	--	--	--	--	--	--	--	--	--	--	--	--	
922 MTEL-Flex Middle School Mathematics Objective 0014	A	42	225	--	--	--	--	--	--	--	--	--	--	--	
923 MTEL-Flex Middle School Mathematics Objective 0015	A	8	--	--	--	--	--	--	--	--	--	--	--	--	

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