

CONFIDENTIAL: NOT FOR DISTRIBUTION

**Michigan Test For Teacher Certification (MTTC)
October 1, 2022 - September 30, 2023
Technical Report Statistics by Test Form**

October 1, 2022 - September 30, 2023		Number of Tests Taken	Total Test Scaled Score Indices				Multiple-Choice Section		Performance Assignment Section
			Mean	SEM	Decision Consistency	Stratified Alpha	Length	KR20	G Coefficient
Test Field	Form								
English (002)	A	246	221	12.7	0.79	--	80	0.83	--
	B	241	225	12.0	0.83	--	80	0.85	--
	C	204	216	12.6	0.87	--	80	0.86	--
	D	200	221	12.4	0.81	--	80	0.85	--
Speech (004)	A	10	253	--	--	--	80	--	--
	B	7	--	--	--	--	80	--	--
Reading (005)	A	33	235	--	--	--	80	--	--
	B	21	223	--	--	--	80	--	--
Economics (007)	A	8	--	--	--	--	80	--	--
Geography (008)	A	2	--	--	--	--	80	--	--
	B	1	--	--	--	--	80	--	--
History (009)	A	146	213	11.0	0.87	--	80	0.86	--
	B	141	206	11.2	0.84	--	80	0.87	--
Political Science (010)	A	14	195	--	--	--	80	--	--
	B	9	--	--	--	--	80	--	--
Psychology (011)	A	25	241	--	--	--	80	--	--
	B	24	242	--	--	--	80	--	--
Biology (017)	A	85	220	11.1	0.86	--	80	0.88	--
	B	82	211	11.3	0.84	--	80	0.90	--

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Test Field	Form								
Chemistry (018)	A	21	225	--	--	--	80	--	--
	B	20	228	--	--	--	80	--	--
	C	14	243	--	--	--	80	--	--
	D	7	--	--	--	--	80	--	--
Physics (019)	A	14	250	--	--	--	80	--	--
	B	7	--	--	--	--	80	--	--
Earth/Space Science (020)	A	14	222	--	--	--	80	--	--
	B	11	227	--	--	--	80	--	--
Mathematics (Secondary) (022)	A	119	226	11.9	0.86	--	64	0.92	--
	B	115	236	11.1	0.90	--	64	0.93	--
	C	115	225	11.7	0.89	--	64	0.93	--
	D	113	223	11.6	0.88	--	64	0.92	--
French (023)	A	15	203	--	--	--	64	--	--
	B	10	218	--	--	--	64	--	--
German (024)	A	7	--	--	--	--	64	--	--
	B	5	--	--	--	--	64	--	--
Latin (026)	A	7	--	--	--	--	64	--	--
	B	3	--	--	--	--	64	--	--

(Continued)

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Test Field	Form								
Spanish (028)	A	81	240	11.8	0.95	0.91	64	0.87	0.88
	B	67	237	12.1	0.91	0.89	64	0.85	0.80
Italian (029)	A	2	--	--	--	--	80	--	--
Agricultural Education (037)	A	4	--	--	--	--	64	--	--
	B	3	--	--	--	--	64	--	--
Family and Consumer Sciences (040)	A	15	240	--	--	--	80	--	--
	B	13	223	--	--	--	80	--	--
Health (043)	A	42	244	--	--	--	80	--	--
	B	36	241	--	--	--	80	--	--
Physical Education (044)	A	115	212	14.7	0.86	--	80	0.80	--
	B	114	210	14.3	0.82	--	80	0.86	--
Library Media (048)	A	31	225	--	--	--	80	--	--
School Counselor (051)	A	119	236	10.7	0.89	--	80	0.87	--
	B	114	237	10.6	0.90	--	80	0.88	--
Physical or Other Health Impairment (058)	A	12	226	--	--	--	80	--	--
Visually Impaired (061)	A	1	--	--	--	--	80	--	--
Deaf and Hard of Hearing (062)	A	4	--	--	--	--	80	--	--
	B	4	--	--	--	--	80	--	--

(Continued)

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Test Field	Form								
Autism Spectrum Disorder (064)	A	70	241	10.9	0.87	--	80	0.87	--
	B	69	240	11.2	0.91	--	80	0.81	--
Bilingual Education (075)	A	2	--	--	--	--	80	--	--
Social Studies (Secondary) (084)	A	401	221	10.1	0.83	--	80	0.87	--
	B	392	215	10.5	0.84	--	80	0.88	--
Middle Level (085)	A	6	--	--	--	--	80	--	--
	B	5	--	--	--	--	80	--	--
Mathematics (Elementary) (089)	A	67	230	11.1	0.86	--	64	0.91	--
	B	62	232	11.3	0.80	--	64	0.92	--
	C	54	226	--	--	--	64	--	--
	D	54	226	--	--	--	64	--	--
Language Arts (Elementary) (090)	A	132	224	12.5	0.80	--	80	0.82	--
	B	126	225	12.5	0.80	--	80	0.83	--
Reading Specialist (092)	A	39	239	--	--	--	80	--	--
	B	37	242	--	--	--	80	--	--
Integrated Science (Elementary) (093)	A	56	229	--	--	--	80	--	--
	B	53	228	--	--	--	80	--	--

(Continued)

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Test Field	Form								
Integrated Science (Secondary) (094)	A	117	213	11.3	0.84	--	80	0.90	--
	B	100	207	11.3	0.87	--	80	0.92	--
	C	92	209	11.4	0.84	--	80	0.91	--
	D	75	210	11.4	0.85	--	80	0.90	--
Visual Arts Education (095)	A	114	229	10.4	0.92	--	80	0.90	--
	B	105	224	11.0	0.85	--	80	0.90	--
Physical Science (097)	A	5	--	--	--	--	80	--	--
	B	4	--	--	--	--	80	--	--
Business, Management, Marketing, & Tech. (098)	A	29	214	--	--	--	80	--	--
	B	25	213	--	--	--	80	--	--
Music Education (099)	A	110	236	10.1	0.90	--	80	0.83	--
	B	99	238	10.0	0.85	--	80	0.83	--
	C	41	237	--	--	--	80	--	--
	D	30	232	--	--	--	80	--	--
Japanese (100)	A	3	--	--	--	--	28	--	--
	B	2	--	--	--	--	28	--	--
Chinese (Mandarin) (101)	A	8	--	--	--	--	28	--	--
	B	7	--	--	--	--	28	--	--

(Continued)

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Test Field	Form								
Arabic (Modern Standard) (102)	A	18	226	--	--	--	28	--	--
	B	14	223	--	--	--	28	--	--
Elementary Education (103)	A	835	216	9.7	0.86	--	120	0.91	--
	B	812	215	9.7	0.84	--	120	0.90	--
	C	753	216	9.3	0.86	--	120	0.91	--
	D	717	217	9.3	0.83	--	120	0.90	--
	E	715	217	9.5	0.86	--	120	0.90	--
	F	671	214	9.6	0.84	--	120	0.91	--
Social Studies (Elementary) (105)	A	49	220	--	--	--	80	--	--
	B	45	222	--	--	--	80	--	--
Early Childhood Education (General and Special Education) (106)	A	99	209	16.7	0.73	--	80	0.84	--
	B	86	218	15.9	0.85	--	80	0.86	--
	C	85	212	15.9	0.83	--	80	0.84	--
	D	76	211	17.0	0.76	--	80	0.81	--
Health Education (112)	A	69	252	9.8	0.96	--	64	0.79	--
	B	67	262	8.9	0.97	--	64	0.80	--
	C	26	262	--	--	--	64	--	--
Physical Education (113)	A	166	257	9.8	0.96	--	64	0.79	--

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Test Field	Form								
Learning Disabilities (114)	A	230	235	11.5	0.88	--	80	0.87	--
	B	208	235	11.6	0.90	--	80	0.84	--
Cognitive Impairment (115)	A	128	243	10.1	0.92	--	80	0.83	--
	B	125	245	9.8	0.92	--	80	0.87	--
Emotional Impairment (116)	A	150	234	11.0	0.81	--	80	0.81	--
Lower Elem. Ed. Subtest 1 (117)	A	539	255	13.9	0.94	--	40	0.64	--
Lower Elem. Ed. Subtest 2 (118)	A	613	229	14.4	0.78	--	40	0.73	--
Lower Elem. Ed. Subtest 3 (119)	A	522	232	14.4	0.82	--	40	0.72	--
Lower Elem. Ed. Subtest 4 (120)	A	431	245	11.8	0.91	--	48	0.65	--
Upper Elem. Ed. Subtest 1 (121)	A	201	241	15.9	0.85	--	40	0.63	--
Upper Elem. Ed. Subtest 2 (122)	A	303	225	14.5	0.64	--	40	0.52	--
Upper Elem. Ed. Subtest 3 (123)	A	255	240	13.4	0.86	--	40	0.55	--
Upper Elem. Ed. Subtest 4 (124)	A	272	225	12.9	0.77	--	48	0.67	--
Bilingual Education (125)	A	6	--	--	--	--	80	--	--
English as a Second Language (126)	A	373	232	10.1	0.88	--	80	0.87	--
Industrial and Technology Education (129)	A	12	236	--	--	--	80	--	--
Early Childhood General and Special Education (Birth-K) (134)	A	43	265	--	--	--	120	--	--