

CONFIDENTIAL: NOT FOR DISTRIBUTION

**Michigan Test For Teacher Certification (MTTC)
October 1, 2018 - September 30, 2019
Technical Report Statistics by Test Form**

October 1, 2018 - September 30, 2019		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	336	233	11.6	0.86	--	80	0.85	--
	B	295	228	12.2	0.86	--	80	0.86	--
	C	57	234	--	--	--	80	--	--
	D	54	229	--	--	--	80	--	--
Speech (004)	A	26	259	--	--	--	80	--	--
	B	1	--	--	--	--	80	--	--
Reading (005)	A	27	239	--	--	--	80	--	--
	B	23	237	--	--	--	80	--	--
Economics (007)	A	12	206	--	--	--	80	--	--
Geography (008)	A	11	212	--	--	--	80	--	--
	B	1	--	--	--	--	80	--	--
History (009)	A	131	216	11.2	0.85	--	80	0.87	--
	B	109	213	11.3	0.83	--	80	0.81	--
	C	19	215	--	--	--	80	--	--
	D	12	204	--	--	--	80	--	--

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Political Science (010)	A	20	195	--	--	--	80	--	--
	B	1	--	--	--	--	80	--	--
Psychology (011)	A	31	233	--	--	--	80	--	--
	B	28	236	--	--	--	80	--	--
Sociology (012)	A	4	--	--	--	--	80	--	--
	B	1	--	--	--	--	80	--	--
Biology (017)	A	78	227	10.8	0.89	--	80	0.91	--
	B	67	227	10.9	0.82	--	80	0.87	--
	C	12	225	--	--	--	80	--	--
	D	10	233	--	--	--	80	--	--
Chemistry (018)	A	45	231	--	--	--	80	--	--
	B	39	221	--	--	--	80	--	--
	C	3	--	--	--	--	80	--	--
	D	2	--	--	--	--	80	--	--
Physics (019)	A	30	236	--	--	--	80	--	--
Earth/Space Science (020)	A	29	224	--	--	--	80	--	--
	B	2	--	--	--	--	80	--	--

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Mathematics (Secondary) (022)	A	97	233	11.6	0.86	--	64	0.91	--
	B	85	247	10.3	0.90	--	64	0.94	--
	C	49	240	--	--	--	64	--	--
	D	44	237	--	--	--	64	--	--
	E	37	220	--	--	--	64	--	--
	F	35	229	--	--	--	64	--	--
	G	26	226	--	--	--	64	--	--
	H	23	234	--	--	--	64	--	--
French (023)	A	39	224	--	--	--	64	--	--
	B	7	--	--	--	--	64	--	--
German (024)	A	21	247	--	--	--	64	--	--
	B	4	--	--	--	--	64	--	--
Latin (026)	A	4	--	--	--	--	64	--	--
	B	2	--	--	--	--	64	--	--
Russian (027)	A	3	--	--	--	--	28	--	--
Spanish (028)	A	89	244	11.8	0.90	0.89	64	0.84	0.81
	B	65	253	12.1	0.97	0.85	64	0.79	0.78

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Italian (029)	A	3	--	--	--	--	80	--	--
Marketing Education (036)	A	1	--	--	--	--	80	--	--
Agricultural Education (037)	A	7	--	--	--	--	64	--	--
Family and Consumer Sciences (040)	A	22	238	--	--	--	80	--	--
Health (043)	A	82	244	11.4	0.91	--	80	0.80	--
	B	72	250	10.9	0.88	--	80	0.85	--
Physical Education (044)	A	133	227	13.4	0.86	--	80	0.84	--
	B	113	217	14.4	0.86	--	80	0.84	--
	C	17	195	--	--	--	80	--	--
	D	16	207	--	--	--	80	--	--
Dance (046)	A	10	234	--	--	--	80	--	--
Library Media (048)	A	15	232	--	--	--	80	--	--
Computer Science (050)	A	5	--	--	--	--	80	--	--
School Counselor (051)	A	90	250	9.9	0.97	--	80	0.86	--
	B	69	241	10.5	0.91	--	80	0.85	--
Fine Arts (053)	A	7	--	--	--	--	80	--	--

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Cognitive Impairment (056)	A	148	228	12.9	0.83	--	80	0.79	--
	B	147	223	13.0	0.82	--	80	0.83	--
	C	13	223	--	--	--	80	--	--
	D	13	227	--	--	--	80	--	--
Speech and Language Impaired (057)	A	1	--	--	--	--	80	--	--
Physical or Other Health Impairment (058)	A	10	245	--	--	--	80	--	--
Emotional Impairment (059)	A	70	238	11.6	0.87	--	80	0.79	--
	B	55	233	--	--	--	80	--	--
Visually Impaired (061)	A	8	--	--	--	--	80	--	--
	B	1	--	--	--	--	80	--	--
Deaf and Hard of Hearing (062)	A	4	--	--	--	--	80	--	--
Learning Disabilities (063)	A	131	238	11.2	0.87	--	80	0.81	--
	B	108	237	11.3	0.89	--	80	0.84	--
	C	14	232	--	--	--	80	--	--
	D	13	229	--	--	--	80	--	--
Autism Spectrum Disorder (064)	A	67	249	10.8	0.93	--	80	0.70	--
	B	49	248	--	--	--	80	--	--

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Bilingual Education (075)	A	14	244	--	--	--	80	--	--
Social Studies (Secondary) (084)	A	239	225	10.4	0.78	--	80	0.82	--
	B	232	222	10.3	0.84	--	80	0.84	--
	C	32	221	--	--	--	80	--	--
	D	25	223	--	--	--	80	--	--
Middle Level (085)	A	20	244	--	--	--	80	--	--
English as a Second Language (086)	A	234	240	10.9	0.91	--	80	0.87	--
	B	213	242	11.0	0.85	--	80	0.85	--
Industrial Technology (087)	A	19	231	--	--	--	80	--	--
Technology and Design (088)	A	1	--	--	--	--	80	--	--
Mathematics (Elementary) (089)	A	116	239	11.2	0.93	--	64	0.88	--
	B	103	239	11.0	0.88	--	64	0.90	--
	C	26	227	--	--	--	64	--	--
	D	14	240	--	--	--	64	--	--

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Language Arts (Elementary) (090)	A	144	232	12.1	0.79	--	80	0.78	--
	B	139	232	12.3	0.88	--	80	0.79	--
	C	72	234	12.1	0.81	--	80	0.83	--
	D	71	234	12.1	0.86	--	80	0.83	--
	E	31	228	--	--	--	80	--	--
	F	30	226	--	--	--	80	--	--
Communication Arts (Secondary) (091)	A	7	--	--	--	--	80	--	--
Reading Specialist (092)	A	62	249	10.5	0.94	--	80	0.75	--
	B	58	245	--	--	--	80	--	--
Integrated Science (Elementary) (093)	A	57	230	--	--	--	80	--	--
	B	57	237	--	--	--	80	--	--
	C	38	229	--	--	--	80	--	--
	D	32	223	--	--	--	80	--	--
	E	17	239	--	--	--	80	--	--
	F	15	228	--	--	--	80	--	--

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Integrated Science (Secondary) (094)	A	124	224	11.1	0.91	--	80	0.89	--
	B	107	215	11.4	0.81	--	80	0.87	--
	C	23	224	--	--	--	80	--	--
	D	22	229	--	--	--	80	--	--
Visual Arts Education (095)	A	95	234	10.6	0.78	--	80	0.81	--
	B	64	237	10.7	0.83	--	80	0.81	--
	C	21	219	--	--	--	80	--	--
Physical Science (097)	A	8	--	--	--	--	80	--	--
Business, Management, Marketing, & Tech. (098)	A	56	224	--	--	--	80	--	--
Music Education (099)	A	108	241	9.6	0.87	--	80	0.80	--
	B	101	244	9.6	0.90	--	80	0.85	--
	C	12	226	--	--	--	80	--	--
	D	10	229	--	--	--	80	--	--
Japanese (100)	A	3	--	--	--	--	28	--	--
Chinese (Mandarin) (101)	A	29	246	--	--	--	28	--	--
	B	7	--	--	--	--	28	--	--

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Arabic (Modern Standard) (102)	A	38	215	--	--	--	28	--	--
	B	10	209	--	--	--	28	--	--
Elementary Education (103)	A	588	227	9.6	0.86	--	120	0.90	--
	B	546	223	9.7	0.85	--	120	0.90	--
	C	543	224	9.3	0.86	--	120	0.92	--
	D	499	223	9.6	0.85	--	120	0.91	--
	E	464	227	9.0	0.85	--	120	0.90	--
	F	326	222	9.3	0.83	--	120	0.91	--
	G	166	225	9.4	0.88	--	120	0.92	--
	H	157	222	9.2	0.83	--	120	0.92	--
	J	81	229	9.0	0.84	--	120	0.92	--
Social Studies (Elementary) (105)	A	74	223	10.5	0.86	--	80	0.85	--
	B	74	229	10.6	0.84	--	80	0.83	--
Early Childhood Education (General and Special Education) (106)	A	178	217	15.6	0.72	--	80	0.82	--
	B	174	222	15.4	0.79	--	80	0.81	--
	C	47	237	--	--	--	80	--	--
	D	40	222	--	--	--	80	--	--