



**MICHIGAN TEST FOR TEACHER CERTIFICATION
ANNUAL LEGISLATIVE REPORT 2022-23**

**Submitted by the Michigan Department of Education
P.O. Box 30008, Lansing, Michigan 48909**

DEVELOPMENT AND USE OF THE MICHIGAN TEST FOR TEACHER CERTIFICATION

Background Information

Michigan Compiled Laws (MCL) section [380.1531](#) mandates the implementation of an educator certification testing program. Under the provisions of Public Act 282 of 1992, the Michigan Department of Education (MDE) developed and implemented a testing program during the 1991-92 academic year.

As mandated by legislation, two advisory groups assisted with the implementation of the certification testing program in Michigan. These groups included an eleven-member Teacher Examination Advisory Committee (TEAC) and a seven-member Standing Technical Advisory Council (STAC). The TEAC and the STAC provided recommendations to the State Board of Education (SBE), the State Superintendent of Public Instruction and MDE staff for the development, administration, and use of the required tests.

The TEAC was active in establishing testing protocols and requirements for the first contract. Subsequent contracts have not necessitated a reconvening. The STAC has met annually since the formation of the Michigan Test for Teacher Certification (MTTC) program to handle psychometric questions and advise MDE and the State Superintendent on MTTC technical matters.

The MTTC STAC functions were merged with MDE's Division of Educator, Student, and School Supports (DESSS) Technical Advisory Committee (TAC) in 2013. This occurred for efficiency. The DESSS TAC is composed of several experts in education testing and psychometrics. The DESSS TAC continues to advise MDE and the State Superintendent on MTTC technical matters.

The five-year contract with Evaluation Systems group of Pearson (ES) for MTTC development and administration was to end May 30, 2022. Effective January 24, 2022, the State of Michigan exercised contractual options for three one-year extensions, revising the contract expiration date to March 30, 2025.

MTTC Implementation and Administration

The MTTC program is administered solely via computer-based testing (CBT). CBT was offered at 34 sites across Michigan in the 2022-23 testing administration year. 13,548 examinees registered for MTTC testing in 2022-23, which is a 7.8% increase from 2021-22.

Technical and Legal Uses of MTTC Data

Attachment 1 provides a summary of the annual (2022-23) MTTC passing percentages for all subject area tests for test-takers verified by an educator

preparation provider (EPP) as eligible to take a specific exam. The attachment begins with interpretative notes and cautions to be kept in mind anytime MTTC performance is reviewed and discussed. This attachment also provides aggregate MTTC performance data for each of Michigan’s approved EPPs. MDE provides EPPs with this summary prior to public dissemination. In addition to the statewide MTTC subject area summary, EPPs also receive an annual MTTC performance summary of their eligible test-takers.

In response to federal data reporting requirements of [Title II of the Higher Education Act \(HEA\)](#), EPPs must report institutional test scores (including the passing percentages for all program completers) to MDE annually for submission to the United States Department of Education (USED). In Michigan, program completers are defined as persons who have completed, during a given reporting year, all applicable institutional requirements, and all additional state requirements for teacher certification, including the passing of all required tests. Because of the specificity of this definition and the requirements of [MCL 380.1531](#), the passing percentage derived from these calculations must be one hundred percent (100%). HEA Title II requires this information to be published for public access and dissemination. All Title II state reports are added to the [USED Title II website](#). During 2022-23, ES continued working with MDE and EPPs via a secure website to produce passing data required as part of HEA Title II reporting.

To extend HEA Title II-style reports to a fuller representation of test-taker achievement on MTTC tests, MDE requires ES to report a three-year summary of eligible first-time test-takers. These test-takers may or may not have completed educator preparation programs at a Michigan EPP in which they are enrolled.

During 2022-23, ES prepared a three-year summary reporting passing percentages for the period of August 1, 2020-July 31, 2023, by EPP and by test field. These data are published annually in December on the [MDE website](#) and used by MDE in the production of an annual EPP performance score. In addition to MTTC performance, the EPP performance score includes educator candidate, candidate supervisor, and PK-12 mentor teacher survey results and educator effectiveness ratings data. The performance scores are used to identify Michigan EPPs as “low performing” or “at-risk of low performing,” as required by [HEA 20 U.S.C. §§ 1022-1022h](#) Code of Federal Regulations Citation: [34 C.F.R. pt. 612 \(reserved\)](#)

Development of MTTC Examinations

ES typically revises 25 MTTC tests during each five-year contract period. The following MTTC test fields were updated during 2022-23:

- Upper Elementary (3-6) Education
- Lower Elementary (PK-3) Education
- Deaf or Hard of Hearing
- Middle Grades (5-9) Science
- High School (7-12) Science
- Bilingual Education

- Early Childhood General and Special Education (Birth-Kindergarten)
- Middle Grades (5-9) Professional Knowledge and Skills
- High School (7-12) Professional Knowledge and Skills
- Middle Grades (5-9) Mathematics
- High School (7-12) Mathematics
- Visual Arts Education (Practice Test only)
- Family and Consumer Sciences (Practice Test only)
- English as a Second Language
- High School (7-12) English Language Arts
- Agricultural Education (Practice Test only)
- Physical and Other Health Impairments (Practice Test only)
- Industrial and Technology Education
- Business, Management, Marketing, and Technology (Practice Test only)
- Visually Impaired

Attachment 2 describes the regular and standard process followed by ES for MTTC test development. This process involves assembling a bias review committee (BRC) and content advisory committee (CAC) of practicing Michigan Pre-K-grade 12 educators, college/university content specialists, and teacher educators qualified in specific content areas. The BRC reviews the materials to ensure they exclude nonessential language or content that might disadvantage or offend a test-taker because of their gender, sexual orientation, gender identity or expression, race, nationality, ethnicity, religion, age, disability, or cultural, economic, or geographic background. The BRC also verifies the materials include content that reflects the people of Michigan. The CAC reviews the materials for content accuracy and appropriateness for the program.

In March 2023, MDE modified the standard review process in two ways. First, MDE changed the name of the BRC to the Equity and Access Committee (EAC). The EAC reviews materials with the goal of promoting equity in assessment and ensuring accessibility to each test-taker. Secondly, MDE altered the sequence of review. The CAC now reviews all materials first, followed by EAC. Following the CAC and EAC reviews, a chairperson from each committee meets with ES and MDE staff to review all potential issues flagged by the EAC. The outcome of this resolution conference is a final recommendation to MDE for test content.

These committees review and approve test objective frameworks constructed by the testing contractor based on Michigan's SBE-approved specialty program standards and Pre-K-grade 12 academic standards. Furthermore, both committees review, modify, and approve test items written to unique objective frameworks. Finally, the CACs recommend to MDE the standard for passing MTTC tests (that is, passing scores). As detailed in Attachment 3, 403 Michigan Pre-K-grade 12 educators, college/university content specialists, and teacher educators contributed their time and professional expertise by participating in item review conferences for increasing the number of items in test item banks, necessary for providing full-length practice tests and CBTs in 2022-23. The testing contractor reimburses school districts across the state for substitute teachers needed to release classroom

educators for work related to the MTTC program. MDE awards committee members State Continuing Education Clock Hours (SCECH) for their contributions. Effective July 1, 2022, committee members are eligible to receive a modest honorarium from MDE for their contributions. MDE issued 432 honoraria to 265 committee members in 2022-23.

Low-volume test fields, defined as fewer than 50 annual registrations, present a unique challenge of generating future operational test forms in a timely manner, relative to higher-volume test fields. To address this challenge, MDE and ES sought advice from the TAC on ways to increase the number of operational test forms at the initial launch of a given test field. Increasing the number of operational test forms increases the security of test materials and allows repeat test-takers additional opportunities to meet or exceed the passing standard.

Through consultation with members of the TAC, ES designed and conducted a multi-step standard-setting study. The standard-setting panel provided standard-setting ratings for all multiple-choice items in the item bank used to assemble the operational test forms. An iterative procedure was used in which panelists provided standard setting ratings using procedures commonly referred to as a modified-Angoff method. (This method is used in all MTTC standard-setting studies.) After an orientation to the item rating methods, the standard-setting panel was led through two rounds of standard setting ratings. Following the standard-setting conference, ES used the item bank of multiple-choice items with judgements to assemble two comparable forms of the test. Each form meets the test blueprint and are of similar difficulty. The new process was first used with the Deaf and Hard of Hearing standard-setting panel and will be used for future low-volume test fields.

Test-takers and EPP staff who assist in preparing test-takers for MTTC tests can access study guides, test frameworks, and faculty resources on the MTTC website. Full-length practice tests are available for purchase with registration for 50 test fields. For test fields with practice tests, the practice test, answer key, and test objective guide are available upon registration. Test-takers can download these practice test materials. Practice tests are also available for purchase without registration, which allows test-takers to experience the CBT platform. Purchased practice tests and practice tests available upon registration contain the same items. In 2022-23, 1,347 practice tests were purchased, representing a 5% decrease in usage compared to the previous year. ES also holds a series of live test preparation webinars for MTTC candidates each quarter. During the reporting period, 450 individuals attended the webinars. As this was the first year of webinars, no comparative information to previous years is available at this time.

Special Populations

MTTC tests are available upon arrangement at any Pearson VUE-authorized United States military base for military personnel and their dependents seeking to earn a Michigan teaching certificate. During 2022-23, two test-takers made use of this availability. Testing locations included US Military NTC UMGC AFB EMEA-DoD only and US Military NTC UMGC Vilseck-DoD only.

Representatives from MDE's Office of Educator Excellence, Michigan School for the Deaf, and Michigan Department of Education-Low Incidence Outreach consulted with ES to develop a video describing the process to [request accommodations](#) for testing. The video was published to the MTTC program website on October 14, 2022. Viewers can use closed captions, and the content of the video is signed in American Sign Language.

Candidates seeking an Interim Teaching Certificate (ITC) completed MTTC testing during 2022-23. The ITC provides an alternative route for educator preparation in Michigan. Alternative route candidates from the following providers accessed MTTC tests during 2022-23:

- Davenport University
- Michigan Alternate Route to Certification (M-ARC), offered by the University of Michigan-Ann Arbor
- Michigan Teachers of Tomorrow
- New Paradigm for Education
- On the Rise Academy, offered by Detroit Public Schools Community District
- Professional Innovators in Teaching, offered by Michigan Association of Public School Academies
- Schoolcraft College
- Training Educators and Creating Hope (#T.E.A.C.H.)
- University of Michigan-Flint Alternative Route
- Warrior Teachers Alternative Route, offered by Wayne State University

Financial Statement for MTTC Tests

MDE and EPPs receive a \$15 and \$2 registration fee remuneration, respectively. While MDE receives fee-based revenue quarterly following test administrations, Michigan EPPs receive their remunerations in June. Attachment 4 provides a summary of revenues and expenditures for 2022-23.

The included current financial report accounts for the last quarter in 2022 (October – December) and the first three quarters of 2023 (January – September).

The ES contract includes provisions for giving EPPs fee waiver vouchers which are applied toward the registration fee for one subject area test. Attachment 5 provides a summary of fee waiver vouchers given to and used by each EPP during 2022-23. Beginning September 2022, EPPs received vouchers in the amount of \$59 to reflect the change in pricing for the Lower Elementary (PK-3) Education and Upper Elementary (3-6) Education exams. A test-taker can combine fee waiver vouchers to pay for test fees.

Questions concerning this report should be addressed to Sheryl Y. Kennedy, Ph.D, at KennedyS7@Michigan.gov.



**Michigan Test for Teacher Certification
Annual Cumulative Passing Percentages**

Program Year August 1, 2022 – July 31, 2023

Michigan Test for Teacher Certification
Annual Summary of State Results: Initial & Cumulative
Program Year: August 1, 2022–July 31, 2023

These reports present Michigan Test for Teacher Certification (MTTC) passing rates for test-takers who tested for the first time in the program year listed. The report includes first-time test-takers in the program year who were deemed eligible by the institution verification process for subject area reports. The cumulative pass rates include passing attempts by these candidates at any subsequent administration. The notes below are an integral part of the reports.

Interpretative Notes and Cautions

Results reported for only a small number of test-takers may not be indicative of how large numbers of test-takers typically perform. Extreme caution should be used in interpreting data for small numbers (<10) of test-takers.

Candidates whose data are presented in this document may not reflect the same performance as that of test-takers who will take these tests in the future.

Key for Data Tables:

N = Number of test-takers who took an MTTC for the first time, any time during the program year.

N Pass, or (% Pass) = Number, or (Percentage), of test-takers who passed an MTTC.

Initial = First-time test-takers who pass an MTTC on the first attempt, any time during the program year.

Cumulative = Total first-time test-takers who pass an MTTC at any time during the program year, including those who eventually pass after one or more attempts, provided the first attempt occurred during the program year of the report. The cumulative pass percentage is used for comparison purposes among higher education institutions.

** = Pass percentages are not reported for institutions or test fields currently having fewer than ten (10) test-takers recorded during a reporting interval

Michigan Test for Teacher Certification
 ANNUAL SUMMARY OF STATE RESULTS: INITIAL & CUMULATIVE
 Program Year: August 2022 - July 2023

Key: N = Number of Eligible Test Takers; N Pass (% Pass)= Number (Percent) of Eligible Test Takers Who Passed the Test

Note: This table should be viewed with the accompanying descriptive page and interpretive cautions

All

Test:	N	Attempt Type			
		Initial		Cumulative	
		N Pass	% Pass	N Pass	% Pass
002 English	383	285	74.4	313	81.7
004 Speech	13	13	100.0	13	100.0
005 Reading	23	18	78.3	20	87.0
007 Economics	4	--	--	--	--
008 Geography	1	--	--	--	--
009 History	115	50	43.5	66	57.4
010 Political Science	11	5	45.5	5	45.5
011 Psychology	35	31	88.6	31	88.6
017 Biology	63	38	60.3	45	71.4
018 Chemistry	31	19	61.3	23	74.2

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Michigan Test for Teacher Certification
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All

	N	Attempt Type			
		Initial		Cumulative	
		N Pass	% Pass	N Pass	% Pass
Test:					
019 Physics	14	12	85.7	13	92.9
020 Earth/Space Science	13	8	61.5	10	76.9
022 Mathematics (Sec.)	219	163	74.4	174	79.5
023 French	15	9	60.0	9	60.0
024 German	8	--	--	--	--
026 Latin	5	--	--	--	--
028 Spanish	81	70	86.4	72	88.9
037 Agricultural Education	6	--	--	--	--
040 Family & Consumer Sciences	19	17	89.5	18	94.7
043 Health	39	33	84.6	34	87.2

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Michigan Test for Teacher Certification
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All

	N	Attempt Type			
		Initial		Cumulative	
		N Pass	% Pass	N Pass	% Pass
Test:					
044 Physical Education	71	42	59.2	51	71.8
048 Library Media	17	15	88.2	15	88.2
051 School Counselor	117	106	90.6	109	93.2
058 Physical & Other Health Impairment	5	--	--	--	--
064 Autism Spectrum Disorder	64	56	87.5	58	90.6
075 Bilingual Education	1	--	--	--	--
084 Social Studies (Sec.)	334	221	66.2	258	77.2
085 Middle Level	1	--	--	--	--
086 English as a Second Language	34	29	85.3	29	85.3
087 Industrial Technology Education	3	--	--	--	--

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All

	N	Attempt Type			
		Initial		Cumulative	
		N Pass	% Pass	N Pass	% Pass
Test:					
089 Mathematics (Elem.)	136	110	80.9	116	85.3
090 Language Arts	164	123	75.0	132	80.5
092 Reading Specialist	52	43	82.7	45	86.5
093 Integrated Science (Elem.)	54	41	75.9	42	77.8
094 Integrated Science (Sec.)	145	78	53.8	93	64.1
095 Visual Arts Education	83	68	81.9	71	85.5
097 Physical Science	4	--	--	--	--
098 Business, Management, Marketing & Technology	29	15	51.7	18	62.1
099 Music Education	187	164	87.7	173	92.5
100 Japanese	1	--	--	--	--

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Michigan Test for Teacher Certification
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All

Test:	N	Attempt Type			
		Initial		Cumulative	
		N Pass	% Pass	N Pass	% Pass
101 Chinese (Mandarin)	10	6	60.0	9	90.0
102 Arabic (Modern Standard)	9	--	--	--	--
103 Elementary Education	1,666	1,097	65.8	1,258	75.5
105 Social Studies (Elem.)	51	31	60.8	34	66.7
106 Early Childhood Education (General & Special Ed)	221	135	61.1	146	66.1
112 Health Education	94	88	93.6	91	96.8
113 Physical Education	103	97	94.2	100	97.1
114 Learning Disabilities	195	172	88.2	177	90.8
115 Cognitive Impairment	146	128	87.7	134	91.8
116 Emotional Impairment	90	72	80.0	77	85.6

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Michigan Test for Teacher Certification
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All

	N	Attempt Type			
		Initial		Cumulative	
		N Pass	% Pass	N Pass	% Pass
Test:					
117 Lower Elementary (PK-3) Education Subtest 1	290	278	95.9	281	96.9
118 Lower Elementary (PK-3) Education Subtest 2	288	233	80.9	246	85.4
119 Lower Elementary (PK-3) Education Subtest 3	270	233	86.3	245	90.7
120 Lower Elementary (PK-3) Education Subtest 4	249	236	94.8	242	97.2
121 Upper Elementary (3-6) Education Subtest 1	134	118	88.1	124	92.5
122 Upper Elementary (3-6) Education Subtest 2	179	138	77.1	156	87.2
123 Upper Elementary (3-6) Education Subtest 3	179	159	88.8	169	94.4
124 Upper Elementary (3-6) Education Subtest 4	157	123	78.3	136	86.6
125 Bilingual Education	3	--	--	--	--
126 English as a Second Language	198	161	81.3	168	84.8

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Michigan Test for Teacher Certification
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	N	Attempt Type			
		Initial		Cumulative	
		N Pass	% Pass	N Pass	% Pass
Test:					
129 Industrial & Technology Education	6	--	--	--	--
134 Early Childhood General & Special Education (Birth-K)	16	16	100.0	16	100.0
All Content Area Tests	7,154	5,443	76.1	5,906	82.6

Michigan Test for Teacher Certification
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Institution	N	Attempt Type			
		Initial		Cumulative	
		N Pass	% Pass	N Pass	% Pass
#T.E.A.C.H. (Alternative Route)	344	217	63.1	240	69.8
Adrian College	91	68	74.7	74	81.3
Albion College	28	20	71.4	21	75.0
Alma College	51	38	74.5	42	82.4
Andrews University	10	6	60.0	6	60.0
Aquinas College	79	56	70.9	63	79.7
Baker College	15	9	60.0	10	66.7
Calvin University	124	112	90.3	113	91.1
Central Michigan University	390	282	72.3	321	82.3
College for Creative Studies	7	--	--	--	--
Concordia University	27	18	66.7	21	77.8
Cornerstone University	81	51	63.0	61	75.3

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Institution	N	Attempt Type			
		Initial		Cumulative	
		N Pass	% Pass	N Pass	% Pass
Davenport University (Alternative Route)	57	30	52.6	33	57.9
Eastern Michigan University	434	312	71.9	357	82.3
Ferris State University	141	96	68.1	104	73.8
Grand Valley State University	659	543	82.4	576	87.4
Hope College	122	102	83.6	108	88.5
Lake Superior State University	36	29	80.6	34	94.4
Madonna University	28	15	53.6	16	57.1
Michigan State University	424	337	79.5	374	88.2
New Paradigm for Education (Alternative Route)	2	--	--	--	--
Northern Michigan University	188	150	79.8	158	84.0
Oakland University	986	794	80.5	854	86.6
On the Rise Academy (Alternative Route)	38	14	36.8	14	36.8

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Michigan Test for Teacher Certification
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Institution	N	Attempt Type			
		Initial		Cumulative	
		N Pass	% Pass	N Pass	% Pass
Professional Innovators in Teaching (Alternative Route)	83	40	48.2	47	56.6
Rochester University	18	12	66.7	13	72.2
Saginaw Valley State University	495	406	82.0	441	89.1
Schoolcraft College (Alternative Route)	90	60	66.7	66	73.3
Siena Heights University	29	24	82.8	24	82.8
Spring Arbor University	64	48	75.0	50	78.1
Teachers of Tomorrow (Alternative Route)	729	507	69.5	546	74.9
University of Detroit Mercy	16	13	81.3	15	93.8
University of Michigan - Ann Arbor	437	420	96.1	427	97.7
University of Michigan - Dearborn	99	59	59.6	75	75.8
University of Michigan - Flint	44	34	77.3	37	84.1
University of Michigan M-ARC (Alternative Route)	122	95	77.9	99	81.1

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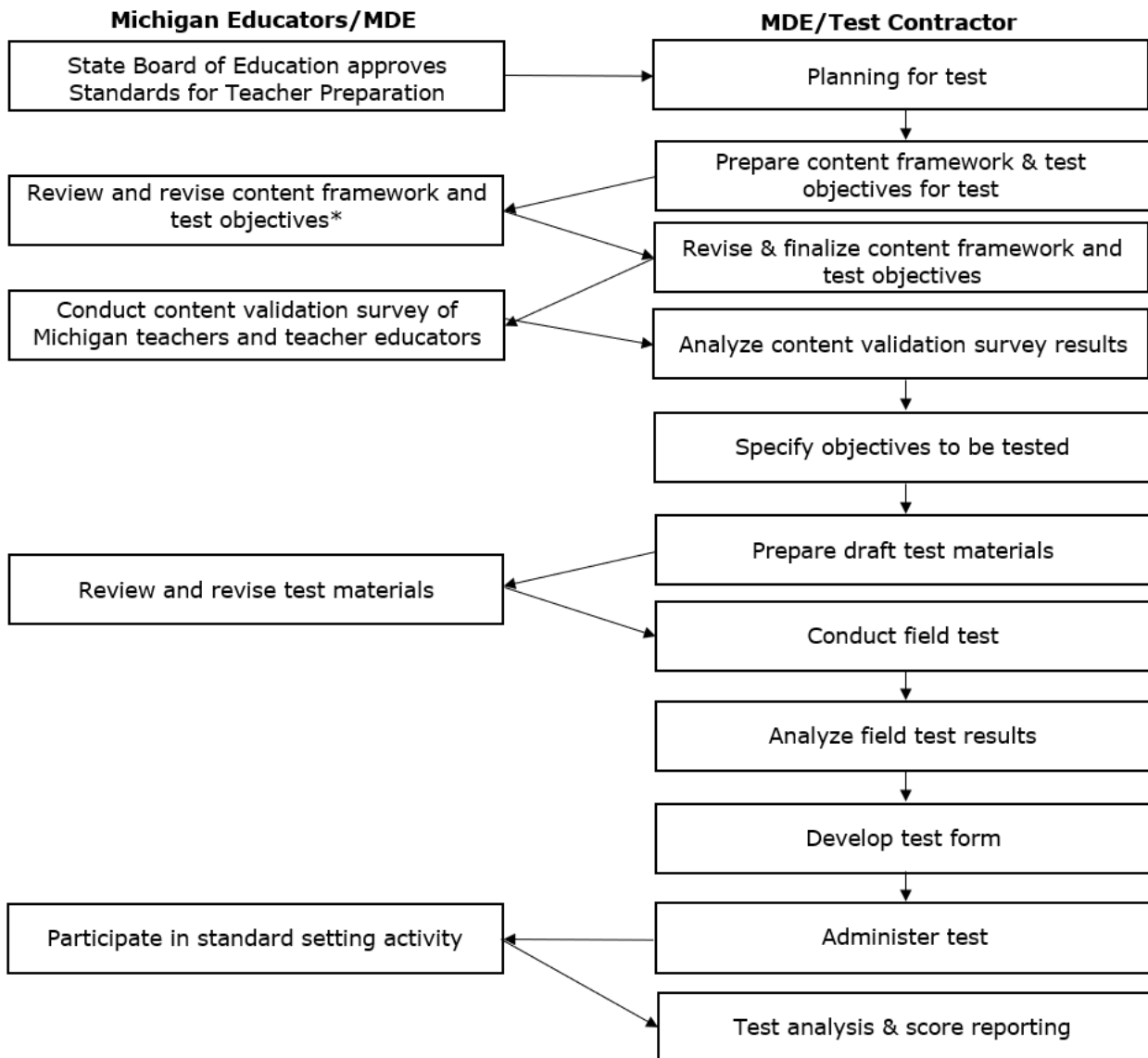
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Institution	N	Attempt Type			
		Initial		Cumulative	
		N Pass	% Pass	N Pass	% Pass
University of Michigan-Flint (Alternative Route)	4	--	--	--	--
Warrior Teachers (Alternative Route)	5	--	--	--	--
Wayne State University	192	138	71.9	154	80.2
Western Michigan University	365	274	75.1	298	81.6
Statewide	7,154	5,443	76.1	5,906	82.6

Michigan Test for Teacher Certification Program: Test Update and Development Process Involving Michigan Educators, Michigan Department of Education (MDE), and Test Contractor



*MDE curriculum specialists, the Content Advisory Committees and the Equity and Access Committees review test materials.

NOTE: The flowchart is a schematic of the typical process of test customization, which is adapted to the needs of each test field.

Michigan Test for Teacher Certification Conference Participants
 August 2022 – July 2023
 Prepared October 2023

MTTC ONLINE ITEM REVIEW CONFERENCE, AUGUST 2022	
Upper Elementary (3-6) Education Subtest 4: Science and Social Studies	
Participant Name	Primary Work Affiliation
Rebecca Bush	Michigan State University
Jazlin Ebenezer	Wayne State University
Salam Srour	University of Michigan-Dearborn
Nichole Zimmerman	Arthur's Middle School
Mary Starr	Michigan Mathematics and Science Leadership Network
Nakia Plummer	Ann Visger Preparatory Academy
Christina Schwarz	Michigan State University

Michigan Test for Teacher Certification Conference Participants
August 2022 – July 2023
Prepared October 2023

MTTC STANDARD SETTING CONFERENCE, AUGUST 2022	
Lower Elementary (PK-3) Education Subtest 3: Mathematics & Lower Elementary (PK-3) Education Subtest 4: Science and Social Studies	
Participant Name	Primary Work Affiliation
NaKeisha Hutcherson	Keystone Academy
Jessie Store	Alma College
Melissa Weisberger	Eastern Michigan University
Christina Widder	James T. Jones Elementary School

Michigan Test for Teacher Certification Conference Participants
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 Prepared October 2023

MTTC STANDARD SETTING CONFERENCE, AUGUST 2022	
Lower Elementary (PK-3) Education Subtest 1: Professional Knowledge and Skills & Lower Elementary (PK-3) Education Subtest 2: Literacy	
Participant Name	Primary Work Affiliation
Hannah Burke	St. Augustine Catholic School
Brandi Ignagni	Plymouth-Canton Community Schools
Laurielle Martin	Gompers Elementary Middle School
Courtney Schwanz	Jackson Christian Elementary School
Dee Shields	Milwood Elementary School
Laura Teichert	Western Michigan University
Renay Williams-Whitson	Parkwood-Upjohn Elementary School

Michigan Test for Teacher Certification Conference Participants
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MTTC STANDARD SETTING CONFERENCE, AUGUST 2022	
Lower Elementary (PK-3) Education Subtest 1: Professional Knowledge and Skills & Lower Elementary (PK-3) Education Subtest 2: Literacy, Lower Elementary (PK-3) Education Subtest 3: Mathematics & Lower Elementary (PK-3) Education Subtest 4: Science and Social Studies	
Participant Name	Primary Work Affiliation
Danielle Fleming	Kinloch Elementary School
Luana Greulich	Andrews University
Joial Harris	Vernor Elementary-Middle School
Jenna Houser	Grand Blanc Community Schools
Raven L. Jones	Michigan State University
Alice Lashbrook	Morrish Elementary School
Nyasha Murphy	Auburn Hills Christian School
Bridget Osborn	Self-employed
Kathryn Roberts	Wayne State University
Elizabeth Whitlow	Addams Elementary School

Michigan Test for Teacher Certification Conference Participants
 August 2022 – July 2023
 Prepared October 2023

MTTC STANDARD SETTING & LINKING ACTIVITY CONFERENCE, AUGUST 2022	
English as a Second Language Standard Setting & Linking Activity Committee	
Participant Name	Primary Work Affiliation
Tahani Al Haddi	The Dearborn Academy, Henry Ford College
Joefell Francis Balagosa	Romulus Community Schools
Yara Barbosa	East Kentwood High School
Lindsey Belzyt	Reuther Middle School
Carolyn Brown	FLEX High School of Michigan
Abib Coulibaly	Star International Academy
Rebecca Dieterman	Northern Michigan Christian School
Stacia Ford	Romeo High School
Mihyun Han	Hope College
Maryna Hedeem	Woodhaven-Brownstown Schools
Givan Hinds	Andrews University
Blue Koffron	University Prep. Art & Design: Middle High School
Kimberly McKinnon	Novi High School
Heidi Mellanen	Hanley International Academy
Dalia Omar	Farmington High School
Margaret Sicilian	Kenowa Hills Public Schools
Holly Sirka	Auburn Hills Christian School
Ireland Somers	Western International High School
Zainah Tiba	Dearborn Public Schools

Michigan Test for Teacher Certification Conference Participants
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MTTC STANDARD SETTING & LINKING ACTIVITY CONFERENCE, AUGUST 2022	
Industrial and Technology Education Standard Setting & Linking Activity Committee	
Participant Name	Primary Work Affiliation
Debra Bondy	Detroit Public Schools Community District
Adam Carr	Fraser Public Schools
Hayden Dvoracek	Charlevoix Middle High School
Marvin Gage	Branch Area Careers Center
Laura Kalinowski	Clarkston High School
Charles Luchies	Coloma High School
Chad Majeske	Oakridge Middle School
James Patrick Rabbitt	Mona Shores High School
Todd Starr	T.S. Nurnberger Middle School
Fred Townsend	Caledonia Community Schools
Ronald Weber	South Lyon East High School

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MTTC ONLINE PRACTICE TEST CONTENT ADVISORY COMMITTEE, SEPTEMBER 2022	
Deaf or Hard of Hearing Practice Test Content Advisory Committee	
Participant Name	Primary Work Affiliation
Lisa Faber	Kent Intermediate School District
Leeann Hanse	Allegan Area Educational Service Agency
Beth Kennedy	Central Michigan University
Nancy Mosher	Michigan Department of Education
Kara Mounce	Kalamazoo Regional Educational Service Agency
Christina Roy	Oakland Schools

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MTTC ONLINE ITEM REVIEW CONFERENCE, SEPTEMBER 2022	
Bias Review Committee	
Participant Name	Primary Work Affiliation
Elisabeth Anderson	White Pine Middle School
Chrisondra Austin	Levey Middle School
Febe Garcia	Brown City Community Schools
Jonathan Griffin	Carleton Elementary School
Shannon Hadley	Novi High School
Linda Lewis-White	Eastern Michigan University
Cynthia Macknish	Eastern Michigan University
Elizabeth Reinhold	Macomb Intermediate School District
Annie Schave	Flat Rock Community Schools
Stephen Weatherholt	Taylor Career and Technical Education Center

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MTTC ONLINE OBJECTIVE REVIEW CONFERENCE, OCTOBER 2022	
Bias Review Committee	
Participant Name	Primary Work Affiliation
Lisa Ebener	Northwest Elementary School
LeAndrea Fisher	Southeastern High School
Tamika Henry	Sherwood Park Global Studies Academy
Tiffani Jones	Southwestern Classical Academy
Linda Lewis-White	Eastern Michigan University
Karen McEwen	Central Michigan University
Towela Okwudire	The Roeper School
Theodoto Ressa	Wayne State University
Angela Smith	Grand Rapids Public Schools
Courtney Valentine	Detroit Public Schools Community District

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MTTC ONLINE OBJECTIVE REVIEW CONFERENCE, OCTOBER 2022	
Science (7-12) and Science (5-9) Content Advisory Committee	
Participant Name	Primary Work Affiliation
Ronda Cooper	Bloomfield Hills Middle School
Ben Darr	Rudyard High School
Jazlin Ebenezer	Wayne State University
William Eichberg	Berrien Springs Public Schools
Kimberly Finley	Bates Academy
Rebecca Heckman	Inland Lakes Schools
Dawn Kessler	Middle School North
Patricia Richardson	Forest Hills Central High
Steffani Rogers	Michigan Great Lakes Virtual Academy
Ray Savicke	Jackson High School
Lauren Shuster	St. Joseph High School
Molly Stark	Nouvel Catholic Central High School
Jacob Winters	Allendale Middle School
Zahera Zahreldin	Dearborn Public Schools

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MTTC TEST DEVELOPMENT CONFERENCE, OCTOBER 2022	
Bilingual Education Standard Setting & Linking Activity Committee	
Participant Name	Primary Work Affiliation
Carolyn Brown	FLEX High School of Michigan
Sandra Guzmán	Oak Park High School
Aaron Ohlrogge	Michigan State University
Kyongson Park	University of Michigan-Dearborn
Amie VanHorn-Gabel	Livonia Public Schools
Wendy Wang	Eastern Michigan University

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MTTC TEST DEVELOPMENT CONFERENCE, OCTOBER 2022	
Deaf or Hard of Hearing Content Advisory Committee	
Participant Name	Primary Work Affiliation
Leeann Hanse	Allegan Area Educational Service Agency
Celeste Johnson	Wayne County Regional Educational Service Agency
Beth Kennedy	Central Michigan University
Kristin Knight	St. Joseph's University
Trish Lopucki	Deaf/Hard of Hearing Program Consultant
Nancy Mosher	Michigan Department of Education
Kara Mounce	Kalamazoo Regional Educational Service Agency
Cynthia Patton-Johnson	Detroit Public Schools Community District
Christina Roy	Oakland Schools
Courtney Tallent	Linden Charter Academy
Ann Thompson	Kent Intermediate School District
Michele VanKleek	Northwest Education Services

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MTTC TEST DEVELOPMENT CONFERENCE, OCTOBER 2022	
Upper Elementary (3-6) Education Subtest 3: Mathematics & Upper Elementary (3-6) Education Subtest 4: Science and Social Studies Standard Setting Committee	
Participant Name	Primary Work Affiliation
Amber Breault	Gladwin Intermediate School
Diane Brown	Siena Heights University
Jill Burdick	Oakland International Academy
Julie Case	North Huron Schools
Sara Chase	Kempton Elementary
Maria Cook	Meadowbrook Elementary
Emily Girard	American Montessori Academy Upper Campus
Susan Hillman	Saginaw Valley State University
Melissa Iliff	Holy Cross Lutheran
Addie Jajo	Reese Elementary School
Mikayla Joy	Douglas Elementary School
Rachel Klingelhofer	Southgate Public Schools
Eric Mann	Hope College
Sally Rae	Siena Heights University
Emily Richards	Fancher Elementary School
Scott Roberts	Central Michigan University
Jessie Store	Alma College

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MTTC TEST DEVELOPMENT CONFERENCE, OCTOBER 2022	
Upper Elementary (3-6) Education Subtest 1: Professional Knowledge and Skills & Upper Elementary (3-6) Education Subtest 2: Literacy Standard Setting Committee	
Participant Name	Primary Work Affiliation
Casita Adams	Detroit Public Schools Community District
Amy Barto	Aquinas College
Candice Casey	Hemlock Public Schools
Amy Croel-Perrien	Ferris State University
Erica Dean	Detroit Public Schools Community District
Elaine Germain	Vassar Public Schools
Becky Girling	Mound Park Elementary
Laura Glas	SON-Life Camp and Retreat Center
Kelsey Heath	Eagle Creek Academy
Kirsten Richards	Riverside Elementary School
Brock Thering	Olivet Community Schools
Samantha Troher	Hornung Elementary School
Beth VanderKolk	Cornerstone University
Melissa Weisberger	Eastern Michigan University
Elizabeth Whitlow	Addams Elementary School
Destiny Yates	Detroit Public Schools Community District

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MTTC ONLINE ITEM REVIEW CONFERENCE, NOVEMBER 2022	
Upper Elementary (3-6) Education Subtest 2: Literacy Content Advisory Committee	
Participant Name	Primary Work Affiliation
Beverly Allen	Detroit Virtual School
Belinda Cleary	University of Michigan, Madonna University
Danielle DeFauw	University of Michigan-Dearborn
Sara du Toit	Huron Intermediate School District
Shannon Hamet	Flat Rock Community Schools
Cheldora Haynes	Martin G. Atkins Elementary
Nix Henry	Saginaw Chippewa Academy
Elizabeth Isidro	Western Michigan University
Mona Kelly	Detroit Public Schools Community District
Karyn Lange	Melvindale-Northern Allen Park Public Schools
Thomas Noyes	Academy of the Americas
Kimberly Sandefur	Comstock STEM Academy
Michele Stansley	Adrian College
Uche Uchendu	Uplift Michigan Online School
Susan Welch	State Road Elementary School
JoAnne West	Saginaw Valley State University

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MTTC ONLINE ITEM REVIEW CONFERENCE, NOVEMBER 2022	
Upper Elementary (3-6) Education Subtest 3: Mathematics Content Advisory Committee	
Participant Name	Primary Work Affiliation
Jamisha Jeffery	Lincoln-King High School
Andrew Jordan	Edwardsburg Intermediate School
Sara Lessa	Glengary Elementary School
Jane Lo	Western Michigan University
Eric Mann	Hope College
Tristan Palomaki	Negaunee Middle School
Enkelejda Tomini	Detroit Enterprise Academy
Amy Wenzel	Thompson K-8 International Academy
Elizabeth Whitlow	Addams Elementary School

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MTTC ONLINE ITEM REVIEW CONFERENCE, DECEMBER 2022	
Early Childhood General and Special Education (Birth-K) Practice Test Content Advisory Committee	
Participant Name	Primary Work Affiliation
Dawn Bruce	Greenfield Union Elementary-Middle School
Carolyn Casale	Henry Ford College
Karen Currie	Huron Intermediate School District
Becky Davis	Lake Superior State University
Kathy Gilbert	KMG Research, Western Michigan University
Amanda Hartzell	Cass City Public Schools
Jennifer Jones	Muskegon Community College
Miranda Joynt	Klager Elementary School
Patricia Loper	Charlevoix-Emmet Intermediate School District
Anne Tapp	Saginaw Valley State University
Isabel Tsafantakis	Eastern Michigan University

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MTTC ONLINE ITEM REVIEW CONFERENCE, JANUARY 2023	
English Language Arts (7-12) Content Advisory Committee	
Participant Name	Primary Work Affiliation
Debra Courtright-Nash	Ferris State University
Alberto Flores	Saginaw High School
Aric Foster	Armada High School
Kathryn Gross-Jacek	University of Detroit Mercy
Rebecca Karlstad	Wayne State University, Detroit Public Schools Community District
Briana McCoy	Carver STEM Academy
Joseph Shekoski	Seaholm High School
Jennifer Tianen	West Bloomfield High School
Jennifer VanDerHeide	Michigan State University
Valeria Williams	Ferndale Middle School

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MTTC ONLINE ITEM REVIEW CONFERENCE, JANUARY 2023	
Professional Knowledge and Skills (7-12) Content Advisory Committee	
Participant Name	Primary Work Affiliation
Ashley Burr	Midland Public Schools
Carolyn Casale	Henry Ford College
Madeline Holstad	Pentwater Public Schools
Tiffani Jones	Southwestern Classical Academy
Douglas Lapp	Central Michigan University
Allyson Sovis	Skyline High School
James Tomlinson	Macomb Regional Facility

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MTTC ONLINE ITEM REVIEW CONFERENCE, FEBRUARY 2023	
Bias Review Committee	
Participant Name	Primary Work Affiliation
LeAndrea Fisher	Southeastern High School
Febe Garcia	Brown City Community Schools
Jennifer Garcia	Ann Arbor Public Schools
Jonathan Griffin	Carleton Elementary School
Linda Lewis-White	Eastern Michigan University
Towela Okwudire	The Roeper School
Angela Smith	Grand Rapids Public Schools
Courtney Valentine	Detroit Public Schools Community District
Stephen Weatherholt	Taylor Career and Technical Education Center

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MTTC ONLINE ITEM REVIEW CONFERENCE, FEBRUARY 2023	
Mathematics (7-12) Content Advisory Committee	
Participant Name	Primary Work Affiliation
Jennifer Barker	Livonia Franklin High School
Stephanie Casey	Eastern Michigan University
Angela Cichowski	Charlton Heston Academy
Melissa Flannigan	Franklin High School
Cassandra Gustafson	Norway-Vulcan Area Schools
Tiffani Jones	Southwestern Classical Academy
Douglas Lapp	Central Michigan University
Diane Loucks	Troy High School
Lisa Moore	Nouvel Catholic Central High School
Marci Poppema	Madonna University
Lindsay Punt	EduStaff
Andrew Ross	Eastern Michigan University
Shannon See	Thornapple Kellogg High School
Joseph Sturm	Petoskey High School

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MTTC ONLINE ITEM REVIEW CONFERENCE, FEBRUARY 2023	
Professional Knowledge and Skills (5-9) Content Advisory Committee	
Participant Name	Primary Work Affiliation
Michelle Anderson	Aquinas College
Ranae Beyerlein	Eastern Michigan University
Julie Candela	Tri County Middle School
Matthew Cramer	Lighthouse Academy
Michael Dimino	Edwardsburg Public Schools
Samantha Fundinger	Eau Claire Middle High School
Renee Garcia	Fordson High School
Branti Jackson	Burton International Academy
Alletha Jones	Henderson Academy
Carla Nixdorf	Wayne-Westland Community School District
Tristan Palomaki	Negaunee Middle School
Jennifer Pera	Jeffers High School
Rita Perez	Berrien Springs Middle School
Elizabeth Reinhold	Macomb Intermediate School District
Carolyn Shattuck	Emerson Elementary School
Tiffany Smrtnik	Oakview Middle School
Taylor Story	Forest Park School District
Shana Williams	Hudson Middle School

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MTTC ONLINE ITEM REVIEW CONFERENCE, MARCH 2023	
Equity and Access Committee	
Participant Name	Primary Work Affiliation
Elisabeth Anderson	White Pine Middle School
Rachael Behl	Wyoming Junior High
Alexa Bergeski	Self-employed
Ranae Beyerlein	Eastern Michigan University
Sabrina Bright	Dixon Educational Learning Academy
Xochitl Calix-Ulloa	New Paradigm College Prep
Sara du Toit	Huron Intermediate School District
Marisol Garrido-Gutierrez	Eastern Michigan University
Mumtaz Haque	Independent Educational Consultant
Melissa Holso	Portage North Middle School
Jamisha Jeffery	Lincoln-King High School
Qitao Ji	Virtual Virginia
Tiffani Jones	Southwestern Classical Academy
Carl Lowe	Adams Middle School
Sharon Lumley	Foreign Language Immersion and Cultural Studies School
Scott Roberts	Central Michigan University
Yumei Wang	Troy School District
Elizabeth Whitlow	Addams Elementary School
Fan Wu	Huron High School

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MTTC ONLINE ITEM REVIEW CONFERENCE, MARCH 2023	
Family and Consumer Sciences Practice Test Content Advisory Committee	
Participant Name	Primary Work Affiliation
Kimberly Liddell-Love	Cass Technical High School
Melissa Mathie	Oxford High School
Karen Owens	Menominee High School
Lisa Willerick	Madonna University

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MTTC ONLINE ITEM REVIEW CONFERENCE, MAY 2023	
Equity and Access Committee	
Participant Name	Primary Work Affiliation
Casita Adams	Detroit Public School Community District
Ranae Beyerlein	Eastern Michigan University
Katherine Bulger	Levey Middle School
Marisol Garrido-Gutierrez	Eastern Michigan University
Mumtaz Haque	Independent Educational Consultant
Tiffani Jones	Southwestern Classical Academy
Carl Lowe	Adams Middle School
Maisha Massey	University Prep. Science & Math: Middle School
Thomas Noyes	Academy of the Americas
Scott Roberts	Central Michigan University
Evan Rokicki	Troy School District, Oakland University

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MTTC STANDARD SETTING CONFERENCE, MAY 2023	
Deaf or Hard of Hearing Standard Setting Committee	
Participant Name	Primary Work Affiliation
Laura Bjork	Ottawa Area Intermediate School District
Kristine Etter	Sylvester Elementary School
Leeann Hanse	Allegan Area Educational Service Agency
Celeste Johnson	Wayne County Regional Educational Service Agency
Beth Kennedy	Central Michigan University
Kristin Knight	St. Joseph's University
Debra Lively	Saginaw Valley State University
Trish Lopucki	Deaf/Hard of Hearing Program Consultant
Janette Lyon	Michigan School for the Deaf
Erin Miller	Port Huron Area School District
Nancy Mosher	Michigan Department of Education
Cynthia Patton-Johnson	Detroit Public Schools Community District
Christina Roy	Oakland Schools
Katherine Shepps	Michigan School for the Deaf
Courtney Tallent	Linden Charter Academy
Rex Vernon	Michigan School for the Deaf
Amy Wotring	Independent Educational Consultant
Kelly Young	Michigan School for the Deaf

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MTTC STANDARD SETTING CONFERENCE, MAY 2023	
Early Childhood General and Special Education (Birth-K) Standard Setting Committee	
Participant Name	Primary Work Affiliation
Alexa Bushong	Saugatuck Public Schools
Jana Curtis	Kalamazoo Regional Educational Service Agency
Erika Duso	Fenton Area Public Schools
Lori Farrer	Western Michigan University
Kathryn Foster	Berrien Regional Education Service Agency, Andrews University
Jenna Jobin	Kelloggsville Early Childhood Learning Center
Gail Lee	Southfield Public Schools
Amber Maxwell	Cheboygan-Otsego-Presque Isle Educational Service District
Taylor Murphy	Field Elementary School
Taylor Nichols	Sherwood Elementary School
Mackenzie Rezler	Standish Sterling Central Elementary School
Amanda Roznowski	Ella White Elementary School
Melissa Scafaria	Brandywine Community Schools
Kathryn Schlanderer	Mecosta-Osceola Intermediate School District
Laura Stark	Seminole Academy
Sabina Turner	Chandler Park Academy School District
Linda Weiss	Central Michigan University

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MTTC ONLINE ITEM REVIEW CONFERENCE, JUNE 2023	
Bilingual Education Content Advisory Committee	
Participant Name	Primary Work Affiliation
Celeste Green	Ypsilanti Community Schools
Sandra Guzmán	Oak Park High School
Monica Hernandez	Berkley Schools
Kyongson Park	University of Michigan-Dearborn
Ninoska Wiltse	Farmington Public School District

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MTTC ONLINE ITEM REVIEW CONFERENCE, JUNE 2023	
Business, Management, Marketing and Technology Practice Test Content Advisory Committee	
Participant Name	Primary Work Affiliation
James Dominick	Lutheran Northwest High School
Shayne Hellebuyck	Imlay City Middle School
Darcie Moss	Novi Community School District
Rita Perez	Berrien Springs Middle School

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MTTC ONLINE ITEM REVIEW CONFERENCE, JUNE 2023	
Industrial and Technology Education Content Advisory Committee	
Participant Name	Primary Work Affiliation
Paul Dressel	West Catholic High School
Chad Majeske	Oakridge Middle School
Todd Starry	T.S. Nurnberger Middle School
Kathleen Steudle-Schwander	Fruitport High School
David Weeks	Royal Oak High School
Thomas Yaroch	Sandusky High School (retired)

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MTTC ONLINE ITEM REVIEW CONFERENCE, JULY 2023	
Equity and Access Committee	
Participant Name	Primary Work Affiliation
Casita Adams	Detroit Public Schools Community District
Elisabeth Anderson	White Pine Middle School
Jennifer Beaudette	Copper Country Intermediate School District
Ranae Beyerlein	Eastern Michigan University
Paul Eric Bottorff	Livonia Public Schools
Jennifer Brauer	Lutheran High School Association of Greater Detroit
Stacy Brazell	Garfield Elementary School
Deborah Brewbaker	Michigan Connections Academy
Melanie Briggs	Genesee Intermediate School District
Katherine Bulger	Levey Middle School

Michigan Test for Teacher Certification Voucher Distribution
2023-24

University of Michigan-Ann Arbor	26	21	27
University of Michigan-Dearborn	14	11	15
University of Michigan-Flint	32	29	38
University of Michigan-Flint (Alternative Route)	10	8	11
University of Michigan-M-ARC (Alternative Route)	9	7	10
Warrior Teachers (Alternative Route)	9	2	5
Wayne State University	22	22	26
Western Michigan University	33	28	34
TOTALS	550	420	550

Vouchers valued at \$59 each.

Vouchers sent for 2023-24 must be applied to a registration before they expire on July 26, 2024. Candidates have one year from the date of registration to schedule and take the exam.