

Massachusetts Tests for Educator Licensure®

ANNUAL SUMMARY OF CANDIDATE PASSING RATES BY TEST: CUMULATIVE FOR ALL CANDIDATES AND BY GENDER, ETHNICITY, AND PRIMARY LANGUAGE PROGRAM YEAR: SEPTEMBER 2016 – AUGUST 2017

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Description of Report

Data presented in this report are from MTEL test administrations for the 2016 – 2017 program year.

This report presents the percent of candidates (i.e., test takers) who passed the Massachusetts Tests for Educator Licensure on their initial or subsequent attempt(s). The percent passing is based on each candidate's best attempt during the program year.

This report includes, for the state and by gender, ethnicity, and primary language:

- 1) the total number of candidates who took the Communication and Literacy Skills Test - Reading and Writing subtests and the percent passing both the Reading and Writing subtests;
 - 2) the total number of candidates who took the Communication and Literacy Skills Test - Reading subtest and the percent passing the Reading subtest;
 - 3) the total number of candidates who took the Communication and Literacy Skills Test - Writing subtest and the percent passing the Writing subtest;
 - 4) the total number of candidates who took a subject test and the percent passing the subject test.
 - 5) the total number of candidates who took the Vocational Technical Literacy Skills Test - Reading and Writing subtests and the percent passing both the Reading and Writing subtests;
 - 6) the total number of candidates who took the Vocational Technical Literacy Skills Test - Reading subtest and the percent passing the Reading subtest; and
 - 7) the total number of candidates who took the Vocational Technical Literacy Skills Test - Writing subtest and the percent passing the Writing subtest;
 - 8) the total number of candidates who took the General Curriculum - Multi-subject and Mathematics subtests and the percent passing both subtests;
 - 9) the total number of candidates who took the General Curriculum - Multi-subject subtest and the percent passing the Multi-subject subtest; and
 - 10) the total number of candidates who took the General Curriculum - Mathematics subtest and the percent passing the Mathematics subtest;
- Candidate passing status is based on a compensatory scoring model in which higher scores on one section of the test may compensate for lower scores on another section of the test.

Data are supplied for all test fields for all test takers. Candidates are reported only once for each field in which they have tested.

Within reporting category, data are provided for each response option (e.g., male, female) for which two or more candidates have tested in the field in the program year.

Results based on fewer than two candidates are not included in this report to protect confidentiality of scores of individual candidates; in this case the percent passing (% Pass) is designated as "- -".

Interpretive Cautions and Notes

1. Reporting group designations for gender, ethnicity, and primary language are based on self-reported information provided by candidates during the registration process. The questions about gender and ethnicity are labeled "optional" for registration purposes and some candidates did not respond to these questions.
2. Extreme caution should be used in interpreting data for small numbers of candidates.
3. The candidates for whom results are presented in this document may not reflect the same proportion of all the types and capabilities of candidates in the population who will take the tests in the future.
4. Regular test updating activities, resulting in variations in test form design, may lead to changes in passing scores that result in variations in the percent passing for a test. Therefore extreme caution should be used in making comparisons between data contained in this document and "Annual Summary of Candidate Passing Rates by Test" reports representing other test administration periods.

This document includes some materials that are test secure and/or confidential for other reasons. As such, it should not be circulated to unauthorized persons. Neither the Evaluation Systems group of Pearson nor the Massachusetts Department of Elementary and Secondary Education are committed to any of the statements or positions set forth herein. Content in the final version of the document will fully supersede any inconsistent statements or positions contained in this draft.

Massachusetts Tests for Educator Licensure (MTEL)
ANNUAL SUMMARY OF TEST TAKER COUNTS BY GENDER
Program Year 2016-2017

Test	Total		Male		Female		No response	
	N	% Pass	N	% Pass	N	% Pass	N	% Pass
01 Communication & Literacy Skills	9,737	81.5%	2,182	84.6%	7,461	80.5%	94	88.3%
Comm & Lit: Reading	9,409	86.8%	2,090	91.8%	7,226	85.4%	93	90.3%
Comm & Lit: Writing	9,291	86.6%	2,126	87.0%	7,072	86.4%	93	89.2%
02 Early Childhood	1,332	58.6%	24	62.5%	1,291	58.5%	17	58.8%
03 General Curriculum*	3,436	61.7%	339	66.1%	3,068	61.4%	29	48.3%
03 General Curriculum - Multi-Subject	3,123	75.8%	327	82.0%	2,766	75.2%	30	66.7%
03 General Curriculum - Mathematics**	3,498	64.2%	357	67.2%	3,107	64.0%	34	55.9%
06 History	775	77.5%	420	82.9%	350	71.1%	5	80.0%
07 English	1,002	84.1%	287	84.7%	700	84.0%	15	80.0%
08 Reading Specialist	429	72.7%	11	54.5%	412	73.5%	6	50.0%
09 Mathematics	537	71.5%	233	72.1%	299	70.9%	5	80.0%
10 General Science	279	85.7%	88	85.2%	187	85.6%	4	100.0%
11 Physics	109	75.2%	66	74.2%	43	76.7%	--	--
12 Chemistry	146	64.4%	59	61.0%	85	65.9%	2	100.0%
13 Biology	324	73.5%	94	76.6%	223	72.2%	7	71.4%
14 Earth Science	44	43.2%	16	56.3%	27	33.3%	1	100.0%
15 Latin and Classical Humanities	25	76.0%	10	80.0%	15	73.3%	--	--
16 Music	256	74.2%	122	77.0%	130	70.8%	4	100.0%
17 Visual Art	264	93.2%	55	96.4%	202	92.1%	7	100.0%
19 Business	66	77.3%	41	80.5%	23	73.9%	2	50.0%
21 Health/Family and Consumer Sciences	243	77.4%	89	74.2%	150	80.0%	4	50.0%
22 Physical Education	471	56.7%	274	54.7%	196	59.2%	1	100.0%
26 French	78	74.4%	17	76.5%	61	73.8%	--	--
27 German	4	75.0%	2	50.0%	2	100.0%	--	--
28 Spanish	235	83.0%	44	90.9%	186	80.6%	5	100.0%
29 Chinese (Mandarin)	46	97.8%	4	100.0%	41	97.6%	1	100.0%
30 Italian	13	92.3%	2	50.0%	11	100.0%	--	--
31 Russian	1	100.0%	1	100.0%	--	--	--	--
32 Portuguese	12	75.0%	3	66.7%	9	77.8%	--	--
33 Technology/Engineering	57	66.7%	39	69.2%	16	56.3%	2	100.0%
44 Speech	1	0.0%	--	--	1	0.0%	--	--
45 Theater	65	89.2%	23	95.7%	40	85.0%	2	100.0%
46 Dance	15	13.3%	1	100.0%	14	7.1%	--	--
47 Middle School Mathematics	402	64.7%	138	63.0%	262	65.3%	2	100.0%
48 Political Science/Political Philosophy	21	52.4%	17	47.1%	4	75.0%	--	--
50 Middle School Humanities	132	46.2%	50	54.0%	79	40.5%	3	66.7%
51 Middle School Mathematics/Science	86	48.8%	36	52.8%	47	44.7%	3	66.7%
53 Elementary Mathematics	462	43.5%	58	51.7%	399	42.4%	5	40.0%
54 English as a Second Language	1,238	54.2%	222	41.9%	1,002	56.7%	14	71.4%
55 Adult Basic Education	14	71.4%	5	80.0%	9	66.7%	--	--
56 Sheltered English Immersion	1,617	70.1%	335	56.4%	1,258	73.4%	24	87.5%
90 Foundations of Reading	4,136	65.9%	503	62.2%	3,594	66.3%	39	71.8%
91 Vocational Technical Literacy Skills Test (VTLST)	215	79.5%	127	76.4%	86	83.7%	2	100.0%
VTLST: Reading	198	96.5%	117	97.4%	79	94.9%	2	1.0
VTLST: Writing	220	79.5%	130	0.8	88	0.8	2	1.0

NOTE: Each test field row contains the number of candidates who took the test during the program year.

*The mathematics subtest of the General Curriculum assessment may be satisfied by passing any of the mathematics subtests: General Curriculum-Mathematics, Mathematics (Elementary), Mathematics (Middle School) or Mathematics.

**Results for the General Curriculum - Mathematics subtest DO NOT include those candidates who took Mathematics (Elementary), Mathematics (Middle School), or Mathematics as an alternative to the General Curriculum-Mathematics subtest.

**Massachusetts Tests for Educator Licensure (MTEL)
ANNUAL SUMMARY OF TEST TAKER COUNTS BY ETHNICITY
Program Year 2016-2017**

Test	Ethnicity															
	Total		Native American/ Alaskan Native		Black		Asian/ Pacific Islander		Hispanic		White		Other		No response	
	N	% Pass	N	% Pass	N	% Pass	N	% Pass	N	% Pass	N	% Pass	N	% Pass	N	% Pass
01 Communication & Literacy Skills	9,737	81.5%	18	50.0%	461	60.3%	371	75.7%	599	63.8%	7,838	84.4%	270	77.8%	180	85.0%
Comm & Lit: Reading	9,409	86.8%	19	63.2%	415	72.8%	348	81.9%	551	75.7%	7,641	88.6%	254	86.6%	181	92.3%
Comm & Lit: Writing	9,291	86.6%	18	72.2%	430	65.6%	363	79.3%	552	69.0%	7,492	89.6%	260	82.7%	176	87.5%
02 Early Childhood	1,332	58.6%	3	33.3%	52	36.5%	47	61.7%	71	47.9%	1,107	61.0%	26	34.6%	26	50.0%
03 General Curriculum*	3,436	61.7%	9	44.4%	105	36.2%	86	67.4%	113	52.2%	2,993	63.1%	77	55.8%	53	58.5%
03 General Curriculum - Multi-Subject	3,123	75.8%	5	60.0%	98	53.1%	87	83.9%	108	71.3%	2,717	76.7%	61	75.4%	47	72.3%
03 General Curriculum - Mathematics**	3,498	64.2%	9	33.3%	113	40.7%	82	74.4%	116	53.4%	3,038	65.5%	86	59.3%	54	61.1%
06 History	775	77.5%	1	0.0%	30	56.7%	15	73.3%	27	77.8%	650	78.2%	22	86.4%	30	83.3%
07 English	1,002	84.1%	2	50.0%	61	65.6%	21	81.0%	35	77.1%	813	86.3%	35	80.0%	35	80.0%
08 Reading Specialist	429	72.7%	1	100.0%	8	37.5%	3	66.7%	7	57.1%	389	73.8%	10	70.0%	11	72.7%
09 Mathematics	537	71.5%	2	50.0%	28	35.7%	30	83.3%	24	50.0%	418	75.1%	16	50.0%	19	73.7%
10 General Science	279	85.7%	1	100.0%	11	54.5%	6	83.3%	12	83.3%	236	87.3%	6	66.7%	7	100.0%
11 Physics	109	75.2%	--	--	3	33.3%	13	69.2%	2	100.0%	78	76.9%	7	71.4%	6	83.3%
12 Chemistry	146	64.4%	--	--	6	16.7%	13	53.8%	6	33.3%	115	67.8%	3	100.0%	3	100.0%
13 Biology	324	73.5%	1	100.0%	6	33.3%	21	52.4%	15	60.0%	254	76.4%	11	90.9%	16	68.8%
14 Earth Science	44	43.2%	--	--	--	--	2	100.0%	1	0.0%	37	40.5%	2	100.0%	2	0.0%
15 Latin and Classical Humanities	25	76.0%	--	--	--	--	2	100.0%	--	--	20	80.0%	1	0.0%	2	50.0%
16 Music	256	74.2%	--	--	10	50.0%	8	100.0%	12	75.0%	210	74.3%	6	66.7%	10	80.0%
17 Visual Art	264	93.2%	1	100.0%	5	100.0%	12	83.3%	13	76.9%	222	94.6%	9	88.9%	2	100.0%
19 Business	66	77.3%	1	100.0%	2	0.0%	3	66.7%	2	100.0%	50	78.0%	3	100.0%	5	80.0%
21 Health/Family and Consumer Sciences	243	77.4%	--	--	7	85.7%	1	100.0%	3	66.7%	221	77.4%	8	100.0%	3	0.0%
22 Physical Education	471	56.7%	--	--	19	5.3%	3	66.7%	12	33.3%	419	59.9%	13	38.5%	5	80.0%
26 French	78	74.4%	--	--	5	80.0%	--	--	2	100.0%	63	74.6%	2	100.0%	6	50.0%
27 German	4	75.0%	--	--	--	--	--	--	--	--	4	75.0%	--	--	--	--
28 Spanish	235	83.0%	--	--	4	50.0%	--	--	96	89.6%	117	79.5%	7	71.4%	11	81.8%
29 Chinese (Mandarin)	46	97.8%	--	--	--	--	44	97.7%	--	--	2	100.0%	--	--	--	--
30 Italian	13	92.3%	--	--	--	--	--	--	--	--	13	92.3%	--	--	--	--
31 Russian	1	100.0%	--	--	--	--	--	--	--	--	1	100.0%	--	--	--	--
32 Portuguese	12	75.0%	--	--	--	--	--	--	5	60.0%	4	75.0%	3	100.0%	--	--
33 Technology/Engineering	57	66.7%	--	--	3	0.0%	1	0.0%	2	100.0%	49	69.4%	--	--	2	100.0%
44 Speech	1	0.0%	--	--	--	--	--	--	--	--	1	0.0%	--	--	--	--
45 Theater	65	89.2%	--	--	6	83.3%	1	100.0%	4	75.0%	46	91.3%	4	75.0%	4	100.0%
46 Dance	15	13.3%	--	--	2	50.0%	--	--	3	0.0%	8	12.5%	1	0.0%	1	0.0%
47 Middle School Mathematics	402	64.7%	--	--	35	40.0%	23	95.7%	23	56.5%	291	65.6%	12	50.0%	18	77.8%
48 Political Science/Political Philosophy	21	52.4%	--	--	2	0.0%	1	0.0%	--	--	18	61.1%	--	--	--	--
50 Middle School Humanities	132	46.2%	--	--	8	12.5%	4	50.0%	1	100.0%	112	47.3%	1	0.0%	6	66.7%
51 Middle School Mathematics/Science	86	48.8%	--	--	2	0.0%	2	100.0%	3	66.7%	76	47.4%	1	0.0%	2	100.0%
53 Elementary Mathematics	462	43.5%	1	100.0%	17	29.4%	15	80.0%	18	50.0%	398	42.5%	8	25.0%	5	60.0%
54 English as a Second Language	1,238	54.2%	3	33.3%	93	35.5%	62	37.1%	136	38.2%	824	60.8%	61	47.5%	59	54.2%
55 Adult Basic Education	14	71.4%	--	--	2	50.0%	--	--	2	50.0%	10	80.0%	--	--	--	--
56 Sheltered English Immersion	1,617	70.1%	2	50.0%	31	38.7%	28	57.1%	38	55.3%	1,431	71.8%	36	55.6%	51	68.6%
90 Foundations of Reading	4,136	65.9%	9	44.4%	156	40.4%	123	66.7%	172	55.8%	3,489	67.8%	105	62.9%	82	59.8%
91 Vocational Technical Literacy Skills Test (VTLST)	215	79.5%	2	50.0%	6	66.7%	1	100.0%	9	66.7%	187	80.7%	10	80.0%	--	--
VTLST: Reading	198	96.5%	1	100.0%	6	100.0%	1	100.0%	5	80.0%	178	96.6%	7	100.0%	--	--
VTLST: Writing	220	79.5%	2	50.0%	6	66.7%	1	100.0%	11	72.7%	190	80.5%	10	80.0%	--	--

NOTE: Each test field row contains the number of candidates who took the test during the program year.

*The mathematics subtest of the General Curriculum assessment may be satisfied by passing any of the mathematics subtests: General Curriculum-Mathematics, Mathematics (Elementary), Mathematics (Middle School) or Mathematics.

**Results for the General Curriculum - Mathematics subtest DO NOT include those candidates who took Mathematics (Elementary), Mathematics (Middle School), or Mathematics as an alternative to the General Curriculum-Mathematics subtest.

**Massachusetts Tests for Educator Licensure (MTEL)
ANNUAL SUMMARY OF TEST TAKER COUNTS BY PRIMARY LANGUAGE
Program Year 2016-2017**

Test	Primary Language																			
	Total		English		French		Italian		Portuguese		Russian		Spanish		Asian Languages		ASL		Other/ No response	
	N	% Pass	N	% Pass	N	% Pass	N	% Pass	N	% Pass	N	% Pass	N	% Pass	N	% Pass	N	% Pass	N	% Pass
01 Communication & Literacy Skills	9,737	81.5%	8,972	83.1%	33	54.5%	14	78.6%	37	48.6%	24	83.3%	262	52.7%	262	70.6%	9	33.3%	124	66.9%
Comm & Lit: Reading	9,409	86.8%	8,718	87.9%	32	68.8%	12	91.7%	35	65.7%	24	75.0%	224	67.4%	248	79.4%	8	25.0%	108	75.0%
Comm & Lit: Writing	9,291	86.6%	8,566	88.2%	30	56.7%	13	84.6%	34	58.8%	22	86.4%	247	58.7%	249	75.1%	7	42.9%	123	68.3%
02 Early Childhood	1,332	58.6%	1,284	58.9%	--	--	--	--	3	66.7%	3	66.7%	23	52.2%	9	44.4%	--	--	10	40.0%
03 General Curriculum*	3,436	61.7%	3,329	62.0%	3	66.7%	--	--	2	50.0%	2	100.0%	29	41.4%	45	53.3%	5	40.0%	21	71.4%
03 General Curriculum - Multi-Subject	3,123	75.8%	3,026	76.2%	3	100.0%	--	--	1	100.0%	2	100.0%	30	50.0%	36	66.7%	5	40.0%	20	75.0%
03 General Curriculum - Mathematics**	3,498	64.2%	3,379	64.3%	4	75.0%	1	100.0%	4	25.0%	2	100.0%	30	53.3%	50	62.0%	6	16.7%	22	77.3%
06 History	775	77.5%	752	77.8%	--	--	1	100.0%	1	0.0%	--	--	6	66.7%	12	75.0%	--	--	3	66.7%
07 English	1,002	84.1%	955	84.7%	1	100.0%	1	100.0%	1	0.0%	3	100.0%	11	81.8%	27	66.7%	--	--	3	66.7%
08 Reading Specialist	429	72.7%	423	72.8%	--	--	--	--	1	100.0%	2	50.0%	1	0.0%	2	100.0%	--	--	--	--
09 Mathematics	537	71.5%	481	73.0%	3	33.3%	1	100.0%	3	66.7%	3	33.3%	13	30.8%	23	69.6%	1	0.0%	9	88.9%
10 General Science	279	85.7%	266	86.1%	1	0.0%	--	--	1	100.0%	--	--	--	--	8	87.5%	--	--	3	66.7%
11 Physics	109	75.2%	99	75.8%	--	--	--	--	--	--	--	--	--	6	83.3%	--	--	4	50.0%	
12 Chemistry	146	64.4%	126	64.3%	--	--	1	100.0%	--	--	1	0.0%	2	100.0%	12	66.7%	--	--	4	50.0%
13 Biology	324	73.5%	294	75.5%	--	--	2	100.0%	--	--	1	100.0%	6	66.7%	16	37.5%	--	--	5	60.0%
14 Earth Science	44	43.2%	43	41.9%	--	--	--	--	--	--	--	--	--	1	100.0%	--	--	--	--	
15 Latin and Classical Humanities	25	76.0%	24	75.0%	--	--	--	--	--	--	--	--	--	--	--	--	--	1	100.0%	
16 Music	256	74.2%	244	74.2%	--	--	1	100.0%	1	0.0%	1	100.0%	3	66.7%	4	75.0%	--	--	2	100.0%
17 Visual Art	264	93.2%	250	94.0%	--	--	1	100.0%	2	100.0%	--	--	4	100.0%	3	33.3%	2	50.0%	2	100.0%
19 Business	66	77.3%	61	77.0%	--	--	--	--	1	100.0%	--	--	--	--	3	66.7%	--	--	1	100.0%
21 Health/Family and Consumer Sciences	243	77.4%	240	77.1%	--	--	--	--	2	100.0%	--	--	--	--	1	100.0%	--	--	--	--
22 Physical Education	471	56.7%	458	57.9%	1	0.0%	--	--	--	--	1	0.0%	5	0.0%	6	33.3%	--	--	--	--
26 French	78	74.4%	44	63.6%	20	90.0%	1	100.0%	--	--	1	100.0%	3	100.0%	9	77.8%	--	--	--	--
27 German	4	75.0%	3	66.7%	--	--	--	--	--	--	--	--	--	1	100.0%	--	--	--	--	
28 Spanish	235	83.0%	147	78.9%	2	100.0%	2	100.0%	3	100.0%	1	0.0%	74	91.9%	6	66.7%	--	--	--	--
29 Chinese (Mandarin)	46	97.8%	2	100.0%	--	--	--	--	--	--	--	--	--	4	100.0%	--	--	40	97.5%	
30 Italian	13	92.3%	3	66.7%	--	--	10	100.0%	--	--	--	--	--	--	--	--	--	--	--	--
31 Russian	1	100.0%	1	100.0%	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
32 Portuguese	12	75.0%	3	66.7%	--	--	--	--	8	75.0%	--	--	--	--	1	100.0%	--	--	--	--
33 Technology/Engineering	57	66.7%	56	67.9%	1	0.0%	--	--	--	--	--	--	--	--	--	--	--	--	--	--
44 Speech	1	0.0%	1	0.0%	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
45 Theater	65	89.2%	63	92.1%	--	--	--	--	1	0.0%	--	--	1	0.0%	--	--	--	--	--	--
46 Dance	15	13.3%	14	14.3%	--	--	--	--	--	--	--	--	1	0.0%	--	--	--	--	--	--
47 Middle School Mathematics	402	64.7%	353	64.9%	2	0.0%	--	--	--	--	3	100.0%	9	55.6%	31	61.3%	--	--	4	100.0%
48 Political Science/Political Philosophy	21	52.4%	19	52.6%	--	--	--	--	--	--	--	--	--	2	50.0%	--	--	--	--	--
50 Middle School Humanities	132	46.2%	130	46.9%	--	--	1	0.0%	--	--	--	--	--	1	0.0%	--	--	--	--	--
51 Middle School Mathematics/Science	86	48.8%	84	48.8%	--	--	--	--	--	--	--	--	2	50.0%	--	--	--	--	--	--
53 Elementary Mathematics	462	43.5%	444	42.6%	1	100.0%	--	--	1	0.0%	1	100.0%	5	40.0%	6	66.7%	1	100.0%	3	100.0%
54 English as a Second Language	1,238	54.2%	1,034	58.6%	4	25.0%	3	0.0%	23	43.5%	7	42.9%	66	27.3%	70	30.0%	1	0.0%	30	40.0%
55 Adult Basic Education	14	71.4%	11	72.7%	--	--	--	--	--	--	--	--	2	50.0%	1	100.0%	--	--	--	--
56 Sheltered English Immersion	1,617	70.1%	1,586	70.4%	1	100.0%	2	50.0%	4	75.0%	2	50.0%	8	62.5%	9	44.4%	--	--	5	40.0%
90 Foundations of Reading	4,136	65.9%	3,964	66.3%	4	75.0%	2	0.0%	7	71.4%	4	50.0%	56	50.0%	68	55.9%	--	--	31	67.7%
91 Vocational Technical Literacy Skills Test (VTLST)	215	79.5%	208	80.8%	--	--	1	0.0%	2	0.0%	--	--	--	--	3	66.7%	--	--	1	100.0%
VTLST: Reading	198	96.5%	192	96.9%	--	--	1	0.0%	2	100.0%	--	--	--	--	2	100.0%	--	--	1	100.0%
VTLST: Writing	220	79.5%	212	80.7%	--	--	2	50.0%	2	0.0%	--	--	--	--	3	66.7%	--	--	1	100.0%

NOTE: Each test field row contains the number of candidates who took the test during the program year.

*The mathematics subtest of the General Curriculum assessment may be satisfied by passing any of the mathematics subtests: General Curriculum-Mathematics, Mathematics (Elementary), Mathematics (Middle School) or Mathematics.

**Results for the General Curriculum - Mathematics subtest DO NOT include those candidates who took Mathematics (Elementary), Mathematics (Middle School), or Mathematics as an alternative to the General Curriculum-Mathematics subtest.