



**Minnesota Teacher Licensure Examinations<sup>SM</sup>**

**Technical Report**  
2018–2019

October 2019



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## **PREFACE**

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Evaluation Systems group of Pearson (Pearson) prepared this document for the Minnesota Professional Educator Licensing and Standards Board (PELSB). It provides information about the Minnesota Teacher Licensure Examinations<sup>sm</sup> program (MTLE<sup>sm</sup>).

The first section of the report describes the purpose, structure, and composition of the MTLE<sup>sm</sup>, including a listing of the tests administered during the 2018–2019 program year. It also includes information regarding enhancements that Pearson has implemented with PELSB as part of the Board’s commitment to the continuous updating of the MTLE<sup>sm</sup> program.

The second section of the report provides information on the candidates’ performance on the tests as well as the technical properties of the tests based on the data from the 2018–2019 academic program year.

## **SECTION I: Purpose of the Minnesota Teacher Licensure Examinations<sup>SM</sup>**

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### **Introduction**

Evaluation Systems group of Pearson has developed the Minnesota Teacher Licensure Examinations<sup>SM</sup> (MTLE<sup>SM</sup>) program on behalf of the Minnesota Professional Educator Licensing and Standards Board (PELSB). The main purpose of the MTLE<sup>SM</sup> program is to assist PELSB in identifying those candidates who have the basic skills, pedagogical, and content area knowledge needed to obtain an initial Minnesota teaching license. Examinations for licensure are required by Minnesota Rules Chapter 8710, and the MTLE<sup>SM</sup> tests are based on and aligned to the Minnesota Administrative Rules.

The MTLE<sup>SM</sup> program became operational in September 2010 and includes essential academic skills, pedagogy, and content area tests. Please refer to the following page for a complete list of the tests available for administration during the 2018–2019 program year. Each test in the MTLE<sup>SM</sup> program was developed in accordance with the practices recommended by the *Standards for Educational and Psychological Testing* (AERA, APA, & NCME, 2014) as well as by the *Uniform Guidelines on Employee Selection Procedures* (Uniform Guidelines, 1985), which require a clear definition of content domain and a rationale to support a claim that the knowledge and skills being assessed in a licensure test are required for credential-worthy performance on the job. To verify that the MTLE<sup>SM</sup> reflect the knowledge and skills essential to an entry-level Minnesota educator, Pearson used the Minnesota Administrative Rules to draft test frameworks for each test field. Minnesota educators and educator preparation faculty reviewed test materials to confirm that they reflect the knowledge and skills a Minnesota educator must possess to receive a license in a given field. Minnesota educators also provided recommendations used by PELSB to establish a passing standard for each test.

### **Composition of the MTLE<sup>SM</sup> Program**

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Currently, the MTLE<sup>SM</sup> program includes 38 examinations for the fields listed on the following page. The major features of the MTLE<sup>SM</sup> tests are as follows:

- All examinations are offered on computer.
- Most examinations include two subtests that cover the range of knowledge and skills needed for entry-level teaching in Minnesota.
- The Minnesota NES Essential Academic Skills (EAS) and Elementary Education examinations each include three subtests.
- Most of the MTLE<sup>SM</sup> tests consist of multiple-choice items only.
- The Minnesota NES Essential Academic Skills (EAS) Writing subtest consists of multiple-choice and one constructed-response item.
- All the World Language Examinations (with the exception of Chinese (Mandarin)) consist of both multiple-choice and constructed-response items; the Chinese (Mandarin) World Language Examination consists of constructed-response items only.

## **MTLE<sup>SM</sup> Tests Offered during 2018–2019 Program Year**

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### **Essential Academic Skills (EAS) Test:**

Minnesota NES Essential Academic Skills (EAS)

188 Subtest I: Reading

189 Subtest II: Writing

190 Subtest III: Mathematics

### **Pedagogy Tests:**

010, 011 Pedagogy: Early Childhood (Birth to Grade 3)

012, 013 Pedagogy: Elementary (Grades K-6)

014, 015 Pedagogy: Secondary (Grades 5-12)

### **Content Area Tests:**

020, 021 Early Childhood Education (Birth to Grade 3)

022, 023 PrePrimary (Age 3 to PreKindergarten)

024, 025, 026 Elementary Education (Grades K-6)

030, 031 Middle Level Communication Arts/Literature (Grades 5-8)

032, 033 Middle Level Social Studies (Grades 5-8)

034, 035 Middle Level Mathematics (Grades 5-8)

036, 037 Middle Level Science (Grades 5-8)

050, 051 Communication Arts/Literature (Grades 5-12)

052, 053 Social Studies (Grades 5-12)

054, 055 Mathematics (Grades 5-12)

056, 057 Health (Grades 5-12)

058, 059 Chemistry (Grades 9-12)

060, 061 Earth and Space Science (Grades 9-12)

062, 063 Life Science (Grades 9-12)

064, 065 Physics (Grades 9-12)

080, 081 Technology (Grades 5-12)

082, 083 Business (Grades 5-12)

084, 085 Family and Consumer Sciences (Grades 5-12)

086, 087 Agricultural Education (Grades 5-12)

100, 101 Reading Teacher (Grades K-12)

102, 103 Library Media Specialist (Grades K-12)

104, 105 Visual Arts (Grades K-12)

**Content Area Tests:**

108, 109	Theatre (Grades K-12)
110, 111	Dance (Grades K-12)
112, 113	Physical Education (Grades K-12)
114, 115	English as a Second Language (Grades K-12)
130, 131	Computer, Keyboarding, & Related Technology (Grades K-12)
158, 159	World Language & Culture: Chinese (Mandarin) (Grades K-12)
160, 161	World Language & Culture : French (Grades K-12)
162, 163	World Language & Culture: German (Grades K-12)
164, 165	World Language & Culture : Spanish (Grades K-12)
106, 184	Instrumental Classroom Music (Grades K-12)
106, 185	Vocal Classroom Music (Grades K-12)
186, 187	Special Education Core Skills (Birth to Age 21)

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## **SECTION II: Findings September 2018 – August 2019**

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This section provides information on the candidates' performance on the MTLE tests as well as the technical properties of the MTLE tests based on the data from September 1, 2018 through August 31, 2019. The findings include reports of pass rates, reliability and statistical indices, and distributions of scaled scores by test. Please consult the Glossary of Terms for more detailed information about the contents of each report.

The following reports are provided for the MTLE<sup>SM</sup> program.

### **Pass Rate Report (Appendix A)**

- Initial Pass Rate Information
- Overall Pass Rate Information
- Retake Pass Rate Information

### **Test Form Statistics Report (Appendix B)**

#### Total-Test Indices

- Mean
- Standard error of measurement (SEM) (Brennan, 2001)
- Total test decision consistency index (Breyer & Lewis, 1994)
- Stratified alpha total test reliability estimates

#### Multiple-Choice Section Indices

- Estimated standard error of measurement at the passing score (Keats, 1957)
- Computed standard error of measurement
- Kuder-Richardson 20 (KR-20)

#### Constructed-Response Section Indices

- Agreement rate of holistic scores (total, exact, and adjacent agreement)
- Intraclass correlation between the first and second score, corrected using the Spearman-Brown formula
- Generalizability coefficient with items as a fixed facet
- Generalizability coefficient with items as a random facet
- Correlation between constructed-response and multiple-choice sections

### **Frequency Distributions of Total Test Scores (Appendix C)**

### **Pass Rate Report for MTLE Test Groups by Gender and Ethnicity (Appendix D)**



**Interpretive Cautions.** The notes below are an integral part of the accompanying tables.

- All information provided in this report is based on data from September 1, 2018 through August 31, 2019.
- Reliability and statistical indices are calculated for tests taken by 100 or more candidates.
- Licensure decisions are based on total test score, not test section information.
- Examinees whose data are presented in this document may not reflect the same performance as that of examinees who will take these tests in the future.
- Extreme caution should be used in interpreting data for small numbers of examinees. The examinees for whom results are presented in this document may not reflect the same proportion of all the types and capabilities of examinees in the population who will take the tests in the future.
- To be interpreted with confidence, statistical reliability estimates must be based on adequate numbers of candidate scores that represent a range of candidate knowledge and skill levels and that provide variance in candidate score distributions. In general, the larger the variability within candidate scores, the greater the reliability coefficient. The reliability estimates may be suppressed when the full range of scores across the score scale are not observed.
- Small numbers of candidates resulting in less variance in candidate score distributions may result in lower reliability coefficients.
- Reliability indices for a single test section may be lower than reliability statistics for the total test because each test section contains fewer test items than the total test.
- Candidates taking the MTLE tests have the option of choosing when they take and retake a test. As a result, the group of candidates taking each test may vary in respect to composition, ability level, and the variability of observed scores.
- In general, test forms with greater numbers of items have higher reliability estimates.
- Reliability estimates are typically higher for tests that contain homogeneous content than for tests that cover a broad range of heterogeneous content.
- The location of the passing score within the distribution of test scores can affect the statistical estimates of decision consistency. Decision consistency may be adversely affected if the mean score is close to the passing score.

**Glossary of Terms.** The notes below are an integral part of the accompanying tables.

**Agreement rates.** Each constructed-response item is rated by two independent scorers. Scorer agreement is the degree of agreement between the scores assigned by each scorer. Three types of agreement are reported here:

- **Total agreement** –the total exact agreement and adjacent agreement combined
- **Exact agreement** – the percent of scores where the two scorers are in exact agreement
- **Adjacent agreement** – the percent of scores where the two scorers are within one point of each other

**Decision consistency.** Total test decision consistency (Breyer and Lewis, 1994) is a reliability statistic that describes the consistency of the pass/fail decision. This method calculates decision consistency using a split-halves method in which one test form is split into two shorter forms that each represents the overall content of the whole test form.

This statistic is reported in the range of 0.00 to 1.00; the closer the estimate is to 1.00, the more consistent (reliable) the decision is considered to be.

**Distribution of test scores.** The total scaled score distribution is based on all attempts made by each examinee. Results for most MTLE tests are reported on a scale ranging from 100 to 300, with a passing score of 240. The Essential Academic Skills Test is reported on a scale of 400 to 600, with a passing score of 520.

The total scaled score distribution provides an inclusive list of observed total test scaled scores, in intervals of ten scale-score points; the number of scores observed within intervals of ten scale-score points; the number of scores observed at or above each scale-score interval; the percent of scores observed within intervals of ten scaled-score points; and the percent of scores observed at or above each scaled-score interval.

**G coefficient.** The G (generalizability) coefficient indicates the degree to which the variability in scores for the constructed-response section is attributable to characteristics of the candidates, such as subject area knowledge, rather than to measurement error. It is reported in the range of .00 to 1.00, with a higher number indicating a greater level of dependability (or accuracy of the generalization from observed score to universe score).

Two G coefficients are reported for the MTLE exams: estimates of the generalizability of scores is provided for items treated as a random facet and for items treated as a fixed facet. When items are treated as random facet, inferences may be drawn about the generalizability of the scores. When items are treated as a fixed facet, the ability to make inferences about the dependability of the scores if other prompts were used is lost; therefore, the dependability of scores cannot be generalized beyond the specific prompts used in the analysis.

When there are constructed-response item types, the G coefficient that results from treating CR items as a fixed facet tends to be higher as there is less error associated with fixed facets.

***Inter-rater reliability.*** For each test form with open-response items, inter-rater reliability reports the degree to which different raters assign the same score to the same response. Interrater reliability is estimated with an intraclass correlation, corrected using the Spearman-Brown formula.

***Kuder-Richardson formula 20 (KR20).*** The KR20 (Kuder-Richardson index of homogeneity) is a measure of internal consistency of the multiple-choice test items. KR20 is reported in the range of .00 to 1.00, with a higher number indicating a greater level of internal consistency (that is, the degree of consistent performance on items intended to measure the same construct).

***Mean.*** The average total scaled score.

***Pass Rates.*** Pass rates are the percent of examinees achieving a total test scaled score of 240 on most MTLE tests and score of 520 on the Minnesota Essential Academic Skills Test. Pass rates based on three types of attempt type are provided:

- **Initial Pass Rate Information.** The number of candidates taking a test for the first time who achieved a score equal to or higher than the passing score.
- **Overall Pass Rate Information.** The total number of candidates taking a test during the reporting period and the percent who achieved a score equal to or higher than the passing score. If there were multiple attempts in the program year, the highest retake score will be used in the calculation of the pass rate.
- **Retake Pass Rate Information.** The number of candidates retaking a test that they had taken previously and the percent of the candidates who achieved a score equal to or higher than the passing score. If there were multiple retake attempts in the program year, the highest retake score will be used in the calculation of the pass rate.

***Pearson Correlation of multiple-choice and open-response section scores.*** The Pearson Correlation indicates the correlation (relationship) between the scaled scores for the two sections of a test. This metric reports the degree to which respondents who do well on the open-response section also do well on the multiple-choice section. This statistic is reported in the range of 0.00 to 1.00 for each test form with at least 100 attempts.

***Scorer agreement.*** For each test form with open-response items, information is reported on scorer agreement regarding the individual raw scores assigned to each candidate's response to an open-response item. The following information is reported: the percent of cases in which the first two scorers were in agreement (i.e., assigned identical scores or scores that only differ by 1 point, also called adjacent scores), the percent of identical scores, and the percent of adjacent scores.

**Scorable Response.** A constructed response that was not designated as “Blank” or “Unscorable” during the holistic scoring process.

**Standard Error of Measurement (SEM).** SEM is a statistical measure reported as a number that provides a "confidence band" around a candidate's score; if a candidate retook the test, the candidate's reported score would likely be within the reported score plus or minus the number reported as the SEM. The smaller the SEM, the closer a candidate's score could be expected to be to the one reported upon repeated testing.

The SEM is reported for both the total test score and the multiple-choice section of each test.

- **Total Test.** The SEM is calculated for the total test scaled score (Brennan, 2001).
- **Multiple-choice section.** Two versions of a SEM is calculated for candidate scores for the multiple-choice section of a test: Keats' estimated SEM (Keats, 1957) and the computed SEM (Lord, 1959).

**Stratified alpha.** Stratified alpha is an estimate of total test reliability for a test containing a mixture of item types (e.g., multiple-choice and open-response). Each section of the test, multiple-choice and constructed-response, is treated as a subtest. Internal consistency estimates for the separate subtests are combined to compute stratified coefficient alpha. Stratified coefficient alpha is reported in the range 0 to 1, with a higher number indicating a greater level of consistency (reliability).

## References

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## **Appendices**

Appendix A: Pass Rate Report

Appendix B: Test Form Statistics Report

Appendix C: Frequency Distributions of Total Test Scores

Appendix D: Pass Rate Report for MTLE Test Groups by Gender and Ethnicity

Appendix A:  
Pass Rate Report

**Minnesota Teacher Licensure Examinations (MTLE)**  
**September 1, 2018 - August 31, 2019**

Test:	Attempt Type									Best Scaled Score (All)		Best Scaled Score (Retake)	
	First-Time Test Takers			All Test Takers			Retakers						
	N	N Pass	% Pass	N	N Pass	% Pass	N	N Pass	% Pass	Mean	Std Dev	Mean	Std Dev
010 Pedagogy: Early Childhood (Birth to Grade 3) Subtest 1	385	384	99.7%	386	386	100.0%	2	2	100.0%	282.1	10.7	271.5	31.8
011 Pedagogy: Early Childhood (Birth to Grade 3) Subtest 2	385	383	99.5%	389	387	99.5%	4	4	100.0%	277.8	11.9	275.5	14.1
012 Pedagogy: Elementary (Grades K-6) Subtest 1	2,445	2,336	95.5%	2,531	2,445	96.6%	140	111	79.3%	265.9	15.0	246.5	15.0
013 Pedagogy: Elementary (Grades K-6) Subtest 2	2,435	2,302	94.5%	2,544	2,434	95.7%	184	132	71.7%	267.4	16.7	245.0	16.1
014 Pedagogy: Secondary (Grades 5-12) Subtest 1	1,787	1,745	97.6%	1,815	1,784	98.3%	53	39	73.6%	268.0	13.4	243.9	16.9
015 Pedagogy: Secondary (Grades 5-12) Subtest 2	1,783	1,768	99.2%	1,797	1,780	99.1%	22	12	54.5%	273.7	13.0	240.2	19.1
020 Early Childhood Education (Birth to Grade 3) Subtest 1	440	406	92.3%	460	433	94.1%	38	27	71.1%	265.7	17.6	242.4	15.6
021 Early Childhood Education (Birth to Grade 3) Subtest 2	435	418	96.1%	446	433	97.1%	20	15	75.0%	267.6	15.9	247.5	15.4
032 Middle Level Social Studies (Grades 5-8) Subtest 1	41	38	92.7%	43	40	93.0%	3	2	66.7%	257.5	14.3	257.7	23.5
033 Middle Level Social Studies (Grades 5-8) Subtest 2	42	39	92.9%	42	39	92.9%	--	--	--	256.7	13.7	--	--
034 Middle Level Mathematics (Grades 5-8) Subtest 1	148	86	58.1%	167	126	75.4%	54	40	74.1%	248.0	19.5	243.7	12.7
035 Middle Level Mathematics (Grades 5-8) Subtest 2	143	115	80.4%	156	139	89.1%	28	24	85.7%	254.5	16.1	247.4	11.7

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**KEY:** N = Number of test takers, N Pass and % Pass = Number and Percent of test takers who passed the test

**NOTE:** This table should be viewed with the accompanying explanatory notes and interpretive cautions.



**Minnesota Teacher Licensure Examinations (MTLE)**  
**September 1, 2018 - August 31, 2019**

	Attempt Type									Best Scaled Score (All)		Best Scaled Score (Retake)	
	First-Time Test Takers			All Test Takers			Retakers						
	N	N Pass	% Pass	N	N Pass	% Pass	N	N Pass	% Pass	Mean	Std Dev	Mean	Std Dev
<b>Test:</b>													
036 Middle Level Science (Grades 5-8) Subtest 1	153	148	96.7%	153	150	98.0%	2	2	100.0%	270.6	14.6	245.5	3.5
037 Middle Level Science (Grades 5-8) Subtest 2	153	139	90.8%	162	151	93.2%	19	12	63.2%	264.7	16.8	241.1	16.7
050 Communication Arts/Literature (Grades 5-12) Subtest 1	330	326	98.8%	333	328	98.5%	5	3	60.0%	272.3	13.0	241.0	17.5
051 Communication Arts/Literature (Grades 5-12) Subtest 2	328	308	93.9%	335	322	96.1%	18	14	77.8%	265.5	15.0	244.9	12.5
052 Social Studies (Grades 5-12) Subtest 1	329	294	89.4%	351	320	91.2%	38	26	68.4%	258.8	17.6	240.0	14.3
053 Social Studies (Grades 5-12) Subtest 2	327	240	73.4%	387	314	81.1%	114	74	64.9%	248.7	15.3	241.0	13.7
054 Mathematics (Grades 5-12) Subtest 1	222	160	72.1%	264	205	77.7%	69	45	65.2%	255.3	25.4	240.3	16.2
055 Mathematics (Grades 5-12) Subtest 2	220	175	79.5%	248	197	79.4%	41	22	53.7%	257.2	23.5	239.5	15.0
056 Health (Grades 5-12) Subtest 1	130	128	98.5%	130	129	99.2%	1	1	100.0%	268.8	11.8	247.0	--
057 Health (Grades 5-12) Subtest 2	128	126	98.4%	130	130	100.0%	4	4	100.0%	268.8	12.6	244.5	5.2
058 Chemistry (Grades 9-12) Subtest 1	61	60	98.4%	65	61	93.8%	4	1	25.0%	269.6	17.0	237.0	4.2
059 Chemistry (Grades 9-12) Subtest 2	61	59	96.7%	62	61	98.4%	2	2	100.0%	270.5	16.2	248.0	0.0

(Continued)

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**NOTE:** This table should be viewed with the accompanying explanatory notes and interpretive cautions.

**Minnesota Teacher Licensure Examinations (MTLE)**  
**September 1, 2018 - August 31, 2019**

	Attempt Type									Best Scaled Score (All)		Best Scaled Score (Retake)	
	First-Time Test Takers			All Test Takers			Retakers						
	N	N Pass	% Pass	N	N Pass	% Pass	N	N Pass	% Pass	Mean	Std Dev	Mean	Std Dev
<b>Test:</b>													
<b>060 Earth and Space Science (Grades 9-12) Subtest 1</b>	24	20	83.3%	24	20	83.3%	--	--	--	253.8	14.9	--	--
<b>061 Earth and Space Science (Grades 9-12) Subtest 2</b>	24	13	54.2%	28	19	67.9%	8	6	75.0%	244.7	20.7	238.8	16.9
<b>062 Life Science (Grades 9-12) Subtest 1</b>	126	106	84.1%	139	117	84.2%	20	11	55.0%	257.9	21.0	236.7	19.2
<b>063 Life Science (Grades 9-12) Subtest 2</b>	127	92	72.4%	136	107	78.7%	25	15	60.0%	253.6	21.4	234.1	20.2
<b>064 Physics (Grades 9-12) Subtest 1</b>	44	32	72.7%	50	37	74.0%	6	5	83.3%	253.5	25.1	260.0	19.7
<b>065 Physics (Grades 9-12) Subtest 2</b>	44	21	47.7%	57	31	54.4%	17	10	58.8%	236.4	31.7	237.7	23.2
<b>080 Technology (Grades 5-12) Subtest 1</b>	17	16	94.1%	17	17	100.0%	1	1	100.0%	264.3	13.9	243.0	--
<b>081 Technology (Grades 5-12) Subtest 2</b>	17	17	100.0%	19	19	100.0%	2	2	100.0%	261.7	12.8	251.0	15.6
<b>082 Business (Grades 5-12) Subtest 1</b>	40	33	82.5%	43	37	86.0%	4	4	100.0%	253.7	16.4	248.8	9.1
<b>083 Business (Grades 5-12) Subtest 2</b>	38	32	84.2%	41	36	87.8%	5	4	80.0%	257.4	18.3	249.0	13.1
<b>084 Family and Consumer Sciences (Grades 5-12) Subtest 1</b>	32	32	100.0%	32	32	100.0%	--	--	--	269.3	10.8	--	--
<b>085 Family and Consumer Sciences (Grades 5-12) Subtest 2</b>	32	29	90.6%	32	30	93.8%	2	1	50.0%	258.0	12.3	243.5	10.6

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**KEY:** N = Number of test takers, N Pass and % Pass = Number and Percent of test takers who passed the test

**NOTE:** This table should be viewed with the accompanying explanatory notes and interpretive cautions.

**Minnesota Teacher Licensure Examinations (MTLE)**  
**September 1, 2018 - August 31, 2019**

	Attempt Type									Best Scaled Score (All)		Best Scaled Score (Retake)	
	First-Time Test Takers			All Test Takers			Retakers						
	N	N Pass	% Pass	N	N Pass	% Pass	N	N Pass	% Pass	Mean	Std Dev	Mean	Std Dev
<b>Test:</b>													
<b>086 Agricultural Education (Grades 5-12) Subtest 1</b>	41	40	97.6%	42	40	95.2%	1	0	0.0%	263.7	13.4	237.0	--
<b>087 Agricultural Education (Grades 5-12) Subtest 2</b>	41	41	100.0%	42	42	100.0%	1	1	100.0%	268.5	12.2	257.0	--
<b>100 Reading Teacher (Grades K-12) Subtest 1</b>	223	216	96.9%	229	225	98.3%	11	9	81.8%	270.8	14.8	255.6	16.7
<b>101 Reading Teacher (Grades K-12) Subtest 2</b>	223	209	93.7%	233	224	96.1%	19	15	78.9%	267.2	16.1	241.5	15.2
<b>102 Library Media Specialist (Grades K-12) Subtest 1</b>	38	37	97.4%	40	37	92.5%	2	0	0.0%	259.2	15.8	232.0	0.0
<b>103 Library Media Specialist (Grades K-12) Subtest 2</b>	38	34	89.5%	40	36	90.0%	4	2	50.0%	257.3	17.7	240.3	21.1
<b>104 Visual Arts (Grades K-12) Subtest 1</b>	125	106	84.8%	133	120	90.2%	21	14	66.7%	262.1	17.5	242.0	13.7
<b>105 Visual Arts (Grades K-12) Subtest 2</b>	125	105	84.0%	136	124	91.2%	28	19	67.9%	257.4	15.7	245.0	12.7
<b>106 Instrumental and Vocal Classroom Music (Grades K-12) Subtest 1</b>	195	187	95.9%	196	193	98.5%	6	6	100.0%	267.4	13.4	259.5	10.4
<b>108 Theatre (Grades K-12) Subtest 1</b>	19	18	94.7%	20	18	90.0%	2	0	0.0%	257.6	16.6	220.5	7.8
<b>109 Theatre (Grades K-12) Subtest 2</b>	19	19	100.0%	19	19	100.0%	--	--	--	272.9	11.7	--	--
<b>110 Dance (Grades K-12) Subtest 1</b>	7	6	85.7%	8	7	87.5%	1	1	100.0%	264.5	18.4	247.0	--

(Continued)

**KEY:** N = Number of test takers, N Pass and % Pass = Number and Percent of test takers who passed the test

**NOTE:** This table should be viewed with the accompanying explanatory notes and interpretive cautions.

**Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2018 - August 31, 2019**

Test:	Attempt Type									Best Scaled Score (All)		Best Scaled Score (Retake)	
	First-Time Test Takers			All Test Takers			Retakers						
	N	N Pass	% Pass	N	N Pass	% Pass	N	N Pass	% Pass	Mean	Std Dev	Mean	Std Dev
111 Dance (Grades K-12) Subtest 2	7	7	100.0 %	8	8	100.0 %	1	1	100.0 %	267.4	10.3	254.0	--
112 Physical Education (Grades K-12) Subtest 1	198	192	97.0%	201	196	97.5%	6	4	66.7%	263.5	12.2	240.2	5.4
113 Physical Education (Grades K-12) Subtest 2	198	190	96.0%	202	198	98.0%	10	8	80.0%	263.3	13.6	247.1	15.8
130 Computer, Keyboarding, and Related Technology (Grades K-12) Subtest 1	12	12	100.0 %	12	12	100.0 %	--	--	--	275.8	16.2	--	--
131 Computer, Keyboarding, and Related Technology (Grades K-12) Subtest 2	11	11	100.0 %	11	11	100.0 %	--	--	--	275.0	8.4	--	--
158 World Language and Culture: Chinese (Mandarin) (Grades K-12) Subtest 1	11	10	90.9%	11	10	90.9%	--	--	--	275.0	21.1	--	--
159 World Language and Culture: Chinese (Mandarin) (Grades K-12) Subtest 2	8	7	87.5%	11	8	72.7%	3	1	33.3%	270.9	44.1	233.3	61.1
160 World Language and Culture: French (Grades K-12) Subtest 1	14	11	78.6%	14	12	85.7%	1	1	100.0 %	252.5	27.8	251.0	--
161 World Language and Culture: French (Grades K-12) Subtest 2	12	10	83.3%	13	11	84.6%	2	1	50.0%	283.4	35.8	252.0	67.9
162 World Language and Culture: German (Grades K-12) Subtest 1	1	1	100.0 %	1	1	100.0 %	--	--	--	253.0	--	--	--

(Continued)

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**Minnesota Teacher Licensure Examinations (MTLE)**  
**September 1, 2018 - August 31, 2019**

Test:	Attempt Type									Best Scaled Score (All)		Best Scaled Score (Retake)	
	First-Time Test Takers			All Test Takers			Retakers						
	N	N Pass	% Pass	N	N Pass	% Pass	N	N Pass	% Pass	Mean	Std Dev	Mean	Std Dev
163 World Language and Culture: German (Grades K-12) Subtest 2	1	1	100.0%	2	1	50.0%	1	0	0.0%	240.0	12.7	231.0	--
164 World Language and Culture: Spanish (Grades K-12) Subtest 1	107	92	86.0%	115	98	85.2%	14	6	42.9%	257.6	20.2	234.9	18.1
165 World Language and Culture: Spanish (Grades K-12) Subtest 2	98	95	96.9%	101	99	98.0%	4	4	100.0%	276.4	22.0	260.8	20.5
184 Instrumental Classroom Music (Grades K-12) Subtest 2	104	90	86.5%	118	107	90.7%	22	17	77.3%	256.7	15.7	244.8	12.3
185 Vocal Classroom Music (Grades K-12) Subtest 2	112	107	95.5%	113	110	97.3%	4	3	75.0%	264.9	13.6	243.5	11.4
188 MN NES Essential Academic Skills I: Reading	1,668	1,447	86.8%	1,807	1,548	85.7%	186	101	54.3%	548.9	30.7	516.1	26.5
189 MN NES Essential Academic Skills II: Writing	1,695	1,190	70.2%	2,116	1,449	68.5%	519	259	49.9%	529.0	28.8	515.2	23.6
190 MN NES Essential Academic Skills III: Mathematics	1,681	1,256	74.7%	2,001	1,468	73.4%	401	212	52.9%	537.2	36.3	514.8	26.7
191 Elementary Education (Grades K-6) Subtest 1	2,188	1,784	81.5%	2,196	1,952	88.9%	238	170	71.4%	261.2	20.8	243.2	15.2
192 Elementary Education (Grades K-6) Subtest 2	2,164	1,831	84.6%	2,169	1,960	90.4%	184	130	70.7%	263.3	20.5	243.3	13.1
193 Elementary Education (Grades K-6) Subtest 3	2,342	1,938	82.7%	2,355	2,089	88.7%	244	152	62.3%	263.6	21.3	240.0	13.7
194 English as a Second Language (Grades K-12) Subtest 1	216	191	88.4%	216	194	89.8%	8	3	37.5%	262.6	20.6	232.8	14.7

(Continued)

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**Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2018 - August 31, 2019**

Test:	Attempt Type									Best Scaled Score (All)		Best Scaled Score (Retake)	
	First-Time Test Takers			All Test Takers			Retakers						
	N	N Pass	% Pass	N	N Pass	% Pass	N	N Pass	% Pass	Mean	Std Dev	Mean	Std Dev
195 English as a Second Language (Grades K-12) Subtest 2	234	221	94.4%	234	226	96.6%	5	5	100.0%	269.7	16.4	248.0	9.5
196 Middle Level Communication Arts/Literature (Grades 5-8) Subtest 1	50	42	84.0%	50	45	90.0%	5	3	60.0%	260.9	16.0	247.4	12.4
197 Middle Level Communication Arts/Literature (Grades 5-8) Subtest 2	49	47	95.9%	49	47	95.9%	1	0	0.0%	264.1	14.0	236.0	--
198 PrePrimary (Age 3 to Prekindergarten) Subtest 1	57	35	61.4%	58	40	69.0%	11	5	45.5%	243.3	22.2	231.5	21.5
199 PrePrimary (Age 3 to Prekindergarten) Subtest 2	59	32	54.2%	61	39	63.9%	14	7	50.0%	240.9	20.1	240.4	10.8
200 Special Education Core Skills (Birth to Age 21) Subtest 1	1,242	1,158	93.2%	1,244	1,192	95.8%	47	34	72.3%	262.8	14.4	243.5	12.6
201 Special Education Core Skills (Birth to Age 21) Subtest 2	1,242	1,155	93.0%	1,246	1,187	95.3%	43	32	74.4%	263.1	15.6	244.5	10.5

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Appendix B:  
Test Form Statistics Report

**Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2018 - August 31, 2019**

**TEST FORM STATISTICS REPORT**

Test Field and Form		Number of Tests Taken	Total Test Scaled Score Indices					Multiple-Choice Section					Constructed-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		
010 Pedagogy: Early Childhood (Birth to Grade 3) Subtest 1	A	83	282	--	--	--	--	40	--	--	--	--	--	--	
	B	75	280	--	--	--	--	40	--	--	--	--	--	--	
	C	68	282	--	--	--	--	40	--	--	--	--	--	--	
	D	54	283	--	--	--	--	40	--	--	--	--	--	--	
	E	54	284	--	--	--	--	40	--	--	--	--	--	--	
	F	53	279	--	--	--	--	40	--	--	--	--	--	--	
011 Pedagogy: Early Childhood (Birth to Grade 3) Subtest 2	A	78	279	--	--	--	--	40	--	--	--	--	--	--	
	B	72	278	--	--	--	--	40	--	--	--	--	--	--	
	C	71	277	--	--	--	--	40	--	--	--	--	--	--	
	D	61	275	--	--	--	--	40	--	--	--	--	--	--	
	E	60	280	--	--	--	--	40	--	--	--	--	--	--	
	F	47	278	--	--	--	--	40	--	--	--	--	--	--	

(Continued)

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**Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2018 - August 31, 2019**

**TEST FORM STATISTICS REPORT**

Test Field and Form	Number of Tests Taken	Total Test Scaled Score Indices										Constructed-Response Section		Pearson Corr. of MC & OR Section Scores
		Mean	SEM	Decision Consistency	Stratified Alpha		Multiple-Choice Section				G Coefficient			
					Fixed	Random	Length	Keats' SEM	Computed SEM	KR20	I Fixed	I Random		
012 Pedagogy: Elementary (Grades K-6) Subtest 1	A	267	265	9.2	0.92	--	--	40	3.0	2.5	0.68	--	--	--
	B	259	266	9.5	0.95	--	--	40	2.9	2.4	0.66	--	--	--
	C	256	263	9.7	0.93	--	--	40	2.9	2.4	0.66	--	--	--
	D	245	263	9.9	0.94	--	--	40	2.9	2.5	0.65	--	--	--
	E	242	264	9.8	0.95	--	--	40	2.9	2.5	0.65	--	--	--
	F	241	266	9.5	0.95	--	--	40	2.9	2.4	0.59	--	--	--
	G	206	266	9.6	0.95	--	--	40	2.9	2.4	0.63	--	--	--
	H	186	266	9.6	0.94	--	--	40	2.9	2.4	0.64	--	--	--
	J	184	262	9.9	0.90	--	--	40	2.9	2.5	0.72	--	--	--
	K	180	265	9.7	0.96	--	--	40	2.9	2.4	0.58	--	--	--
	L	177	266	9.5	0.96	--	--	40	2.9	2.4	0.59	--	--	--
	M	174	264	9.6	0.94	--	--	40	2.9	2.4	0.66	--	--	--

(Continued)

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**Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2018 - August 31, 2019**

**TEST FORM STATISTICS REPORT**

Test Field and Form	Number of Tests Taken	Total Test Scaled Score Indices										Constructed-Response Section		Pearson Corr. of MC & OR Section Scores
		Mean	SEM	Decision Consistency	Stratified Alpha		Multiple-Choice Section				G Coefficient			
					Fixed	Random	Length	Keats' SEM	Computed SEM	KR20	I Fixed	I Random		
013 Pedagogy: Elementary (Grades K-6) Subtest 2	A	265	265	10.6	0.95	--	--	40	2.8	2.3	0.66	--	--	--
	B	262	266	10.4	0.93	--	--	40	2.8	2.3	0.70	--	--	--
	C	260	266	10.2	0.93	--	--	40	2.8	2.2	0.68	--	--	--
	D	247	265	10.9	0.91	--	--	40	2.9	2.4	0.61	--	--	--
	E	246	264	10.7	0.92	--	--	40	2.8	2.3	0.66	--	--	--
	F	243	266	10.7	0.91	--	--	40	2.9	2.3	0.66	--	--	--
	G	205	264	10.8	0.93	--	--	40	2.8	2.3	0.63	--	--	--
	H	197	268	10.2	0.95	--	--	40	2.9	2.2	0.69	--	--	--
	J	194	267	10.4	0.95	--	--	40	2.8	2.2	0.66	--	--	--
	K	192	268	10.2	0.94	--	--	40	2.8	2.2	0.66	--	--	--
	L	173	266	10.5	0.90	--	--	40	2.8	2.3	0.71	--	--	--
	M	172	264	10.6	0.92	--	--	40	2.8	2.3	0.69	--	--	--

(Continued)

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**Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2018 - August 31, 2019**

**TEST FORM STATISTICS REPORT**

Test Field and Form		Number of Tests Taken	Total Test Scaled Score Indices					Multiple-Choice Section					Constructed-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		
014 Pedagogy: Secondary (Grades 5-12) Subtest 1	A	362	266	8.5	0.96	--	--	40	3.0	2.6	0.67	--	--	--	
	B	321	267	8.6	0.97	--	--	40	3.0	2.5	0.67	--	--	--	
	C	212	267	8.6	0.97	--	--	40	3.0	2.5	0.67	--	--	--	
	D	205	269	8.6	0.97	--	--	40	3.0	2.4	0.66	--	--	--	
	E	200	267	8.8	0.98	--	--	40	3.0	2.5	0.47	--	--	--	
	F	185	268	8.5	0.97	--	--	40	3.0	2.5	0.59	--	--	--	
	G	185	267	8.6	0.96	--	--	40	3.0	2.5	0.66	--	--	--	
	H	183	267	8.8	0.97	--	--	40	3.0	2.5	0.57	--	--	--	
015 Pedagogy: Secondary (Grades 5-12) Subtest 2	A	332	273	8.0	0.98	--	--	40	2.9	2.3	0.66	--	--	--	
	B	323	274	7.6	0.99	--	--	40	3.0	2.3	0.65	--	--	--	
	C	217	270	8.3	0.97	--	--	40	3.0	2.4	0.70	--	--	--	
	D	191	275	7.7	0.99	--	--	40	3.0	2.3	0.60	--	--	--	
	E	191	273	8.0	0.98	--	--	40	3.0	2.3	0.66	--	--	--	

(Continued)

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**Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2018 - August 31, 2019**

**TEST FORM STATISTICS REPORT**

Test Field and Form		Number of Tests Taken	Total Test Scaled Score Indices					Multiple-Choice Section					Constructed-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		
015 Pedagogy: Secondary (Grades 5-12) Subtest 2	F	188	274	7.9	0.98	--	--	40	3.0	2.3	0.68	--	--	--	
	G	184	275	7.5	0.99	--	--	40	2.9	2.3	0.56	--	--	--	
	H	180	274	7.8	0.98	--	--	40	2.9	2.2	0.67	--	--	--	
020 Early Childhood Education (Birth to Grade 3) Subtest 1	A	166	266	8.8	0.94	--	--	40	2.9	2.4	0.82	--	--	--	
	B	144	264	9.5	0.92	--	--	40	2.9	2.4	0.70	--	--	--	
	C	53	258	--	--	--	--	40	--	--	--	--	--	--	
	D	46	265	--	--	--	--	40	--	--	--	--	--	--	
	E	45	255	--	--	--	--	40	--	--	--	--	--	--	
	F	35	261	--	--	--	--	40	--	--	--	--	--	--	

(Continued)

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**Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2018 - August 31, 2019**

**TEST FORM STATISTICS REPORT**

Test Field and Form		Number of Tests Taken	Total Test Scaled Score Indices					Multiple-Choice Section					Constructed-Response Section		Pearson Corr. of MC & OR Section Scores
			Mean	SEM	Decision Consistency	Stratified Alpha							G Coefficient		
						Fixed	Random	Length	Keats' SEM	Computed SEM	KR20	I Fixed	I Random		
021 Early Childhood Education (Birth to Grade 3) Subtest 2	A	109	265	9.2	0.95	--	--	40	2.8	2.3	0.72	--	--	--	
	B	103	267	9.5	0.94	--	--	40	2.9	2.4	0.68	--	--	--	
	C	81	268	--	--	--	--	40	--	--	--	--	--	--	
	D	77	263	--	--	--	--	40	--	--	--	--	--	--	
	E	34	269	--	--	--	--	40	--	--	--	--	--	--	
	F	27	264	--	--	--	--	40	--	--	--	--	--	--	
	G	17	269	--	--	--	--	40	--	--	--	--	--	--	
	H	15	265	--	--	--	--	40	--	--	--	--	--	--	
032 Middle Level Social Studies (Grades 5-8) Subtest 1	A	28	256	--	--	--	--	40	--	--	--	--	--	--	
	B	17	257	--	--	--	--	40	--	--	--	--	--	--	

(Continued)

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**Minnesota Teacher Licensure Examinations (MTLE)  
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**TEST FORM STATISTICS REPORT**

Test Field and Form		Number of Tests Taken	Total Test Scaled Score Indices					Multiple-Choice Section					Constructed-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		
033 Middle Level Social Studies (Grades 5-8) Subtest 2	A	22	257	--	--	--	--	40	--	--	--	--	--	--	--
	B	20	256	--	--	--	--	40	--	--	--	--	--	--	--
034 Middle Level Mathematics (Grades 5-8) Subtest 1	A	62	245	--	--	--	--	40	--	--	--	--	--	--	--
	B	58	242	--	--	--	--	40	--	--	--	--	--	--	--
	C	51	240	--	--	--	--	40	--	--	--	--	--	--	--
	D	49	245	--	--	--	--	40	--	--	--	--	--	--	--
	E	1	--	--	--	--	--	40	--	--	--	--	--	--	--
	F	1	--	--	--	--	--	40	--	--	--	--	--	--	--

(Continued)

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**Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2018 - August 31, 2019**

**TEST FORM STATISTICS REPORT**

Test Field and Form		Number of Tests Taken	Total Test Scaled Score Indices									Constructed-Response Section		Pearson Corr. of MC & OR Section Scores
			Mean	SEM	Decision Consistency	Stratified Alpha		Multiple-Choice Section				G Coefficient		
						Fixed	Random	Length	Keats' SEM	Computed SEM	KR20	I Fixed	I Random	
035 Middle Level Mathematics (Grades 5-8) Subtest 2	A	49	253	--	--	--	--	40	--	--	--	--	--	--
	B	45	248	--	--	--	--	40	--	--	--	--	--	--
	C	44	250	--	--	--	--	40	--	--	--	--	--	--
	D	39	252	--	--	--	--	40	--	--	--	--	--	--
036 Middle Level Science (Grades 5-8) Subtest 1	A	79	270	--	--	--	--	40	--	--	--	--	--	--
	B	76	270	--	--	--	--	40	--	--	--	--	--	--
037 Middle Level Science (Grades 5-8) Subtest 2	A	92	265	--	--	--	--	40	--	--	--	--	--	--
	B	82	258	--	--	--	--	40	--	--	--	--	--	--

(Continued)

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**TEST FORM STATISTICS REPORT**

Test Field and Form		Number of Tests Taken	Total Test Scaled Score Indices					Multiple-Choice Section					Constructed-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		
050 Communication Arts/Literature (Grades 5-12) Subtest 1	A	90	270	--	--	--	--	40	--	--	--	--	--	--	
	B	77	272	--	--	--	--	40	--	--	--	--	--	--	
	C	50	277	--	--	--	--	40	--	--	--	--	--	--	
	D	44	269	--	--	--	--	40	--	--	--	--	--	--	
	E	41	273	--	--	--	--	40	--	--	--	--	--	--	
	F	35	271	--	--	--	--	40	--	--	--	--	--	--	
051 Communication Arts/Literature (Grades 5-12) Subtest 2	A	63	261	--	--	--	--	40	--	--	--	--	--	--	
	B	62	262	--	--	--	--	40	--	--	--	--	--	--	
	C	48	263	--	--	--	--	40	--	--	--	--	--	--	
	D	47	264	--	--	--	--	40	--	--	--	--	--	--	
	E	38	265	--	--	--	--	40	--	--	--	--	--	--	
	F	37	261	--	--	--	--	40	--	--	--	--	--	--	
	G	32	267	--	--	--	--	40	--	--	--	--	--	--	

(Continued)

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**TEST FORM STATISTICS REPORT**

Test Field and Form		Number of Tests Taken	Total Test Scaled Score Indices					Multiple-Choice Section				Constructed-Response Section		Pearson Corr. of MC & OR Section Scores
			Mean	SEM	Decision Consistency	Stratified Alpha						G Coefficient		
						Fixed	Random	Length	Keats' SEM	Computed SEM	KR20	I Fixed	I Random	
051 Communication Arts/Literature (Grades 5-12) Subtest 2	H	30	267	--	--	--	--	40	--	--	--	--	--	--
052 Social Studies (Grades 5-12) Subtest 1	A	60	253	--	--	--	--	40	--	--	--	--	--	--
	B	54	254	--	--	--	--	40	--	--	--	--	--	--
	C	48	259	--	--	--	--	40	--	--	--	--	--	--
	D	47	255	--	--	--	--	40	--	--	--	--	--	--
	E	43	258	--	--	--	--	40	--	--	--	--	--	--
	F	42	263	--	--	--	--	40	--	--	--	--	--	--
	G	41	256	--	--	--	--	40	--	--	--	--	--	--
	H	37	263	--	--	--	--	40	--	--	--	--	--	--

(Continued)

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**Minnesota Teacher Licensure Examinations (MTLE)  
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**TEST FORM STATISTICS REPORT**

Test Field and Form		Number of Tests Taken	Total Test Scaled Score Indices					Multiple-Choice Section					Constructed-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		
053 Social Studies (Grades 5-12) Subtest 2	A	94	245	--	--	--	--	40	--	--	--	--	--	--	
	B	90	245	--	--	--	--	40	--	--	--	--	--	--	
	C	88	244	--	--	--	--	40	--	--	--	--	--	--	
	D	81	245	--	--	--	--	40	--	--	--	--	--	--	
	E	65	241	--	--	--	--	40	--	--	--	--	--	--	
	F	65	242	--	--	--	--	40	--	--	--	--	--	--	
	G	13	241	--	--	--	--	40	--	--	--	--	--	--	
	H	5	--	--	--	--	--	40	--	--	--	--	--	--	
054 Mathematics (Grades 5-12) Subtest 1	A	159	250	9.5	0.83	--	--	40	3.0	2.7	0.88	--	--	--	
	B	154	250	9.4	0.83	--	--	40	3.0	2.7	0.87	--	--	--	
	C	1	--	--	--	--	--	40	--	--	--	--	--	--	

(Continued)

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Test Field and Form		Number of Tests Taken	Total Test Scaled Score Indices					Multiple-Choice Section					Constructed-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		
055 Mathematics (Grades 5-12) Subtest 2	A	138	256	9.3	0.85	--	--	40	3.0	2.6	0.86	--	--	--	
	B	134	252	9.1	0.85	--	--	40	3.1	2.7	0.85	--	--	--	
	C	1	--	--	--	--	--	40	--	--	--	--	--	--	
056 Health (Grades 5-12) Subtest 1	A	67	267	--	--	--	--	40	--	--	--	--	--	--	
	B	64	270	--	--	--	--	40	--	--	--	--	--	--	
057 Health (Grades 5-12) Subtest 2	A	67	268	--	--	--	--	40	--	--	--	--	--	--	
	B	65	268	--	--	--	--	40	--	--	--	--	--	--	
058 Chemistry (Grades 9-12) Subtest 1	A	35	267	--	--	--	--	40	--	--	--	--	--	--	
	B	31	271	--	--	--	--	40	--	--	--	--	--	--	
059 Chemistry (Grades 9-12) Subtest 2	A	32	272	--	--	--	--	40	--	--	--	--	--	--	
	B	31	268	--	--	--	--	40	--	--	--	--	--	--	

(Continued)

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Test Field and Form		Number of Tests Taken	Total Test Scaled Score Indices					Multiple-Choice Section					Constructed-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		
060 Earth and Space Science (Grades 9-12) Subtest 1	A	13	251	--	--	--	--	40	--	--	--	--	--	--	
	B	11	257	--	--	--	--	40	--	--	--	--	--	--	
061 Earth and Space Science (Grades 9-12) Subtest 2	A	19	234	--	--	--	--	40	--	--	--	--	--	--	
	B	18	243	--	--	--	--	40	--	--	--	--	--	--	
062 Life Science (Grades 9-12) Subtest 1	A	60	257	--	--	--	--	40	--	--	--	--	--	--	
	B	59	259	--	--	--	--	40	--	--	--	--	--	--	
	C	16	241	--	--	--	--	40	--	--	--	--	--	--	
	D	15	258	--	--	--	--	40	--	--	--	--	--	--	

(Continued)

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Test Field and Form		Number of Tests Taken	Total Test Scaled Score Indices										Constructed-Response Section		Pearson Corr. of MC & OR Section Scores
			Mean	SEM	Decision Consistency	Stratified Alpha		Multiple-Choice Section				G Coefficient			
						Fixed	Random	Length	Keats' SEM	Computed SEM	KR20	I Fixed	I Random		
063 Life Science (Grades 9-12) Subtest 2	A	80	248	--	--	--	--	40	--	--	--	--	--	--	--
	B	70	250	--	--	--	--	40	--	--	--	--	--	--	--
	C	6	--	--	--	--	--	40	--	--	--	--	--	--	--
	D	4	--	--	--	--	--	40	--	--	--	--	--	--	--
064 Physics (Grades 9-12) Subtest 1	A	26	253	--	--	--	--	40	--	--	--	--	--	--	--
	B	24	254	--	--	--	--	40	--	--	--	--	--	--	--
065 Physics (Grades 9-12) Subtest 2	A	34	236	--	--	--	--	40	--	--	--	--	--	--	--
	B	32	230	--	--	--	--	40	--	--	--	--	--	--	--
	C	3	--	--	--	--	--	40	--	--	--	--	--	--	--
080 Technology (Grades 5-12) Subtest 1	A	9	--	--	--	--	--	40	--	--	--	--	--	--	--
	B	8	--	--	--	--	--	40	--	--	--	--	--	--	--
	C	1	--	--	--	--	--	40	--	--	--	--	--	--	--

(Continued)

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Test Field and Form		Number of Tests Taken	Total Test Scaled Score Indices					Multiple-Choice Section					Constructed-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		
081 Technology (Grades 5-12) Subtest 2	A	9	--	--	--	--	--	40	--	--	--	--	--	--	
	B	8	--	--	--	--	--	40	--	--	--	--	--	--	
	C	2	--	--	--	--	--	40	--	--	--	--	--	--	
082 Business (Grades 5-12) Subtest 1	A	27	248	--	--	--	--	40	--	--	--	--	--	--	
	B	20	256	--	--	--	--	40	--	--	--	--	--	--	
083 Business (Grades 5-12) Subtest 2	A	25	259	--	--	--	--	40	--	--	--	--	--	--	
	B	20	249	--	--	--	--	40	--	--	--	--	--	--	
084 Family and Consumer Sciences (Grades 5-12) Subtest 1	A	16	268	--	--	--	--	40	--	--	--	--	--	--	
	B	16	271	--	--	--	--	40	--	--	--	--	--	--	
085 Family and Consumer Sciences (Grades 5-12) Subtest 2	A	21	257	--	--	--	--	40	--	--	--	--	--	--	
	B	13	256	--	--	--	--	40	--	--	--	--	--	--	

(Continued)

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Test Field and Form		Number of Tests Taken	Total Test Scaled Score Indices					Multiple-Choice Section					Constructed-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		
086 Agricultural Education (Grades 5-12) Subtest 1	A	22	266	--	--	--	--	40	--	--	--	--	--	--	
	B	20	262	--	--	--	--	40	--	--	--	--	--	--	
087 Agricultural Education (Grades 5-12) Subtest 2	A	22	269	--	--	--	--	40	--	--	--	--	--	--	
	B	20	268	--	--	--	--	40	--	--	--	--	--	--	
100 Reading Teacher (Grades K-12) Subtest 1	A	75	272	--	--	--	--	40	--	--	--	--	--	--	
	B	75	271	--	--	--	--	40	--	--	--	--	--	--	
	C	33	265	--	--	--	--	40	--	--	--	--	--	--	
	D	19	271	--	--	--	--	40	--	--	--	--	--	--	
	E	19	271	--	--	--	--	40	--	--	--	--	--	--	
	F	14	263	--	--	--	--	40	--	--	--	--	--	--	

(Continued)

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Test Field and Form		Number of Tests Taken	Total Test Scaled Score Indices					Multiple-Choice Section					Constructed-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		
101 Reading Teacher (Grades K-12) Subtest 2	A	82	264	--	--	--	--	40	--	--	--	--	--	--	
	B	70	268	--	--	--	--	40	--	--	--	--	--	--	
	C	28	256	--	--	--	--	40	--	--	--	--	--	--	
	D	26	258	--	--	--	--	40	--	--	--	--	--	--	
	E	24	259	--	--	--	--	40	--	--	--	--	--	--	
	F	22	272	--	--	--	--	40	--	--	--	--	--	--	
102 Library Media Specialist (Grades K-12) Subtest 1	A	21	258	--	--	--	--	40	--	--	--	--	--	--	
	B	19	261	--	--	--	--	40	--	--	--	--	--	--	
103 Library Media Specialist (Grades K-12) Subtest 2	A	30	256	--	--	--	--	40	--	--	--	--	--	--	
	B	14	250	--	--	--	--	40	--	--	--	--	--	--	
104 Visual Arts (Grades K-12) Subtest 1	A	81	252	--	--	--	--	40	--	--	--	--	--	--	
	B	79	259	--	--	--	--	40	--	--	--	--	--	--	

(Continued)

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Test Field and Form		Number of Tests Taken	Total Test Scaled Score Indices					Multiple-Choice Section					Constructed-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		
105 Visual Arts (Grades K-12) Subtest 2	A	82	255	--	--	--	--	40	--	--	--	--	--	--	
	B	81	250	--	--	--	--	40	--	--	--	--	--	--	
106 Instrumental and Vocal Classroom Music (Grades K-12) Subtest 1	A	104	268	8.6	0.97	--	--	40	2.8	2.3	0.62	--	--	--	
	B	97	265	--	--	--	--	40	--	--	--	--	--	--	
108 Theatre (Grades K-12) Subtest 1	A	21	255	--	--	--	--	40	--	--	--	--	--	--	
109 Theatre (Grades K-12) Subtest 2	A	19	273	--	--	--	--	40	--	--	--	--	--	--	
110 Dance (Grades K-12) Subtest 1	A	8	--	--	--	--	--	40	--	--	--	--	--	--	
111 Dance (Grades K-12) Subtest 2	A	8	--	--	--	--	--	40	--	--	--	--	--	--	
112 Physical Education (Grades K-12) Subtest 1	A	109	264	9.4	0.96	--	--	40	2.9	2.5	0.55	--	--	--	
	B	95	262	--	--	--	--	40	--	--	--	--	--	--	

(Continued)

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Test Field and Form		Number of Tests Taken	Total Test Scaled Score Indices					Multiple-Choice Section					Constructed-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		
113 Physical Education (Grades K-12) Subtest 2	A	114	263	8.7	0.95	--	--	40	3.0	2.6	0.64	--	--	--	
	B	95	261	--	--	--	--	40	--	--	--	--	--	--	
130 Computer, Keyboarding, and Related Technology (Grades K-12) Subtest 1	A	5	--	--	--	--	--	40	--	--	--	--	--	--	
	B	5	--	--	--	--	--	40	--	--	--	--	--	--	
	C	2	--	--	--	--	--	40	--	--	--	--	--	--	
131 Computer, Keyboarding, and Related Technology (Grades K-12) Subtest 2	A	5	--	--	--	--	--	40	--	--	--	--	--	--	
	B	4	--	--	--	--	--	40	--	--	--	--	--	--	
	C	2	--	--	--	--	--	40	--	--	--	--	--	--	

(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		
158 World Language and Culture: Chinese (Mandarin) (Grades K-12) Subtest 1	A	6	--	--	--	--	--	--	--	--	--	--	--	--	--
	B	5	--	--	--	--	--	--	--	--	--	--	--	--	--
159 World Language and Culture: Chinese (Mandarin) (Grades K-12) Subtest 2	A	6	--	--	--	--	--	--	--	--	--	--	--	--	--
	B	5	--	--	--	--	--	--	--	--	--	--	--	--	--
160 World Language and Culture: French (Grades K-12) Subtest 1	A	15	252	--	--	--	--	80	--	--	--	--	--	--	--
161 World Language and Culture: French (Grades K-12) Subtest 2	A	6	--	--	--	--	--	--	--	--	--	--	--	--	--
	B	4	--	--	--	--	--	--	--	--	--	--	--	--	--
	C	4	--	--	--	--	--	--	--	--	--	--	--	--	--
162 World Language and Culture: German (Grades K-12) Subtest 1	A	1	--	--	--	--	--	80	--	--	--	--	--	--	--

(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		
163 World Language and Culture: German (Grades K-12) Subtest 2	A	1	--	--	--	--	--	--	--	--	--	--	--	--	
	B	1	--	--	--	--	--	--	--	--	--	--	--	--	
164 World Language and Culture: Spanish (Grades K-12) Subtest 1	A	37	257	--	--	--	--	80	--	--	--	--	--	--	
	B	35	251	--	--	--	--	80	--	--	--	--	--	--	
	C	31	255	--	--	--	--	80	--	--	--	--	--	--	
	D	20	257	--	--	--	--	80	--	--	--	--	--	--	
	E	2	--	--	--	--	--	80	--	--	--	--	--	--	
	F	1	--	--	--	--	--	80	--	--	--	--	--	--	
165 World Language and Culture: Spanish (Grades K-12) Subtest 2	A	28	278	--	--	--	--	--	--	--	--	--	--	--	
	B	20	278	--	--	--	--	--	--	--	--	--	--	--	
	C	20	277	--	--	--	--	--	--	--	--	--	--	--	
	D	19	271	--	--	--	--	--	--	--	--	--	--	--	
	E	15	275	--	--	--	--	--	--	--	--	--	--	--	

(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		
184 Instrumental Classroom Music (Grades K-12) Subtest 2	A	66	252	--	--	--	--	40	--	--	--	--	--	--	
	B	65	255	--	--	--	--	40	--	--	--	--	--	--	
185 Vocal Classroom Music (Grades K-12) Subtest 2	A	58	265	--	--	--	--	40	--	--	--	--	--	--	
	B	57	263	--	--	--	--	40	--	--	--	--	--	--	
	C	1	--	--	--	--	--	40	--	--	--	--	--	--	
188 MN NES Essential Academic Skills I: Reading	A	314	545	14.3	0.85	--	--	35	2.7	2.3	0.77	--	--	--	
	B	310	549	13.7	0.90	--	--	35	2.7	2.2	0.84	--	--	--	
	C	283	544	14.1	0.87	--	--	35	2.7	2.3	0.79	--	--	--	
	D	272	546	14.8	0.90	--	--	35	2.6	2.2	0.77	--	--	--	
	E	207	547	13.7	0.89	--	--	35	2.7	2.2	0.84	--	--	--	
	F	205	547	14.1	0.89	--	--	35	2.7	2.3	0.82	--	--	--	
	G	151	546	14.9	0.82	--	--	35	2.7	2.2	0.79	--	--	--	
	H	150	548	14.0	0.87	--	--	35	2.7	2.3	0.82	--	--	--	

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			Mean	SEM	Decision Consistency	Stratified Alpha		Length	Keats' SEM	Computed SEM	KR20	G Coefficient			
						Fixed	Random					I Fixed	I Random		
188 MN NES Essential Academic Skills I: Reading	J	4	--	--	--	--	--	35	--	--	--	--	--	--	
189 MN NES Essential Academic Skills II: Writing	A	464	524	15.4	0.74	0.80	0.80	30	2.5	2.3	0.69	0.93	0.93	0.41	
	B	463	526	14.7	0.79	0.83	0.83	30	2.5	2.3	0.73	0.92	0.92	0.42	
	C	363	526	14.7	0.83	0.83	0.83	30	2.5	2.3	0.71	0.93	0.93	0.46	
	D	342	526	15.6	0.80	0.80	0.80	30	2.5	2.3	0.68	0.90	0.90	0.45	
	E	201	527	15.7	0.80	0.83	0.83	30	2.5	2.3	0.73	0.93	0.93	0.46	
	F	174	523	14.4	0.87	0.82	0.82	30	2.5	2.3	0.77	0.92	0.92	0.21	
	G	171	531	15.6	0.86	0.86	0.86	30	2.4	2.2	0.77	0.94	0.94	0.55	
	H	161	528	14.7	0.83	0.85	0.85	30	2.5	2.2	0.75	0.95	0.95	0.41	
	J	4	--	--	--	--	--	30	--	--	--	--	--	--	

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		Mean	SEM	Decision Consistency	Stratified Alpha		G Coefficient							
					Fixed	Random	Length	Keats' SEM	Computed SEM	KR20	I Fixed	I Random		
190 MN NES Essential Academic Skills III: Mathematics	A	241	532	14.0	0.85	--	--	36	2.8	2.5	0.87	--	--	--
	B	239	535	13.9	0.84	--	--	36	2.7	2.4	0.84	--	--	--
	C	210	529	14.3	0.82	--	--	36	2.8	2.5	0.84	--	--	--
	D	194	538	14.7	0.86	--	--	36	2.7	2.4	0.82	--	--	--
	E	191	537	14.8	0.87	--	--	36	2.8	2.4	0.84	--	--	--
	F	190	537	14.5	0.82	--	--	36	2.7	2.4	0.86	--	--	--
	G	181	532	14.8	0.84	--	--	36	2.7	2.4	0.86	--	--	--
	H	180	536	13.9	0.82	--	--	36	2.8	2.4	0.86	--	--	--
	J	174	535	13.7	0.85	--	--	36	2.7	2.4	0.85	--	--	--
	K	173	529	15.1	0.79	--	--	36	2.7	2.5	0.84	--	--	--
	L	95	533	--	--	--	--	36	--	--	--	--	--	--
	M	86	537	--	--	--	--	36	--	--	--	--	--	--
	N	4	--	--	--	--	--	36	--	--	--	--	--	--

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			Mean	SEM	Decision Consistency	Stratified Alpha		Length	Keats' SEM	Computed SEM	KR20	G Coefficient			
						Fixed	Random					I Fixed	I Random		
191 Elementary Education (Grades K-6) Subtest 1	A	2,125	257	9.7	0.86	--	--	40	3.0	2.6	0.82	--	--	--	
	B	207	256	9.8	0.86	--	--	40	3.0	2.6	0.85	--	--	--	
	C	194	256	9.6	0.88	--	--	40	3.0	2.6	0.86	--	--	--	
192 Elementary Education (Grades K-6) Subtest 2	A	2,048	259	8.6	0.87	--	--	40	3.0	2.6	0.85	--	--	--	
	B	199	262	8.4	0.89	--	--	40	3.0	2.5	0.86	--	--	--	
	C	177	258	9.1	0.88	--	--	40	3.0	2.6	0.84	--	--	--	
193 Elementary Education (Grades K-6) Subtest 3	A	2,278	259	8.7	0.88	--	--	40	3.1	2.6	0.87	--	--	--	
	B	216	257	8.5	0.86	--	--	40	3.1	2.7	0.87	--	--	--	
	C	211	260	8.4	0.87	--	--	40	3.1	2.7	0.87	--	--	--	
194 English as a Second Language (Grades K-12) Subtest 1	A	228	261	8.4	0.92	--	--	40	2.9	2.5	0.85	--	--	--	
195 English as a Second Language (Grades K-12) Subtest 2	A	241	269	8.2	0.95	--	--	40	3.1	2.5	0.78	--	--	--	

(Continued)

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



**Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2018 - August 31, 2019**

**TEST FORM STATISTICS REPORT**

Test Field and Form		Number of Tests Taken	Total Test Scaled Score Indices					Multiple-Choice Section					Constructed-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		
196 Middle Level Communication Arts/Literature (Grades 5-8) Subtest 1	A	59	256	--	--	--	--	40	--	--	--	--	--	--	
197 Middle Level Communication Arts/Literature (Grades 5-8) Subtest 2	A	53	262	--	--	--	--	40	--	--	--	--	--	--	
198 PrePrimary (Age 3 to Prekindergarten) Subtest 1	A	74	238	--	--	--	--	40	--	--	--	--	--	--	
199 PrePrimary (Age 3 to Prekindergarten) Subtest 2	A	81	236	--	--	--	--	40	--	--	--	--	--	--	
200 Special Education Core Skills (Birth to Age 21) Subtest 1	A	1,021	261	8.4	0.92	--	--	40	3.0	2.7	0.70	--	--	--	
	B	141	264	8.2	0.95	--	--	40	3.0	2.6	0.76	--	--	--	
	C	137	260	8.4	0.89	--	--	40	3.0	2.7	0.72	--	--	--	
201 Special Education Core Skills (Birth to Age 21) Subtest 2	A	1,019	262	8.8	0.93	--	--	40	3.0	2.6	0.70	--	--	--	
	B	151	260	8.7	0.91	--	--	40	3.0	2.6	0.79	--	--	--	
	C	127	260	8.9	0.92	--	--	40	3.0	2.7	0.73	--	--	--	

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

**Minnesota Teacher Licensure Examinations (MTLE)**  
**September 1, 2018 - August 31, 2019**  
**OPEN RESPONSE STATISTICS REPORT**

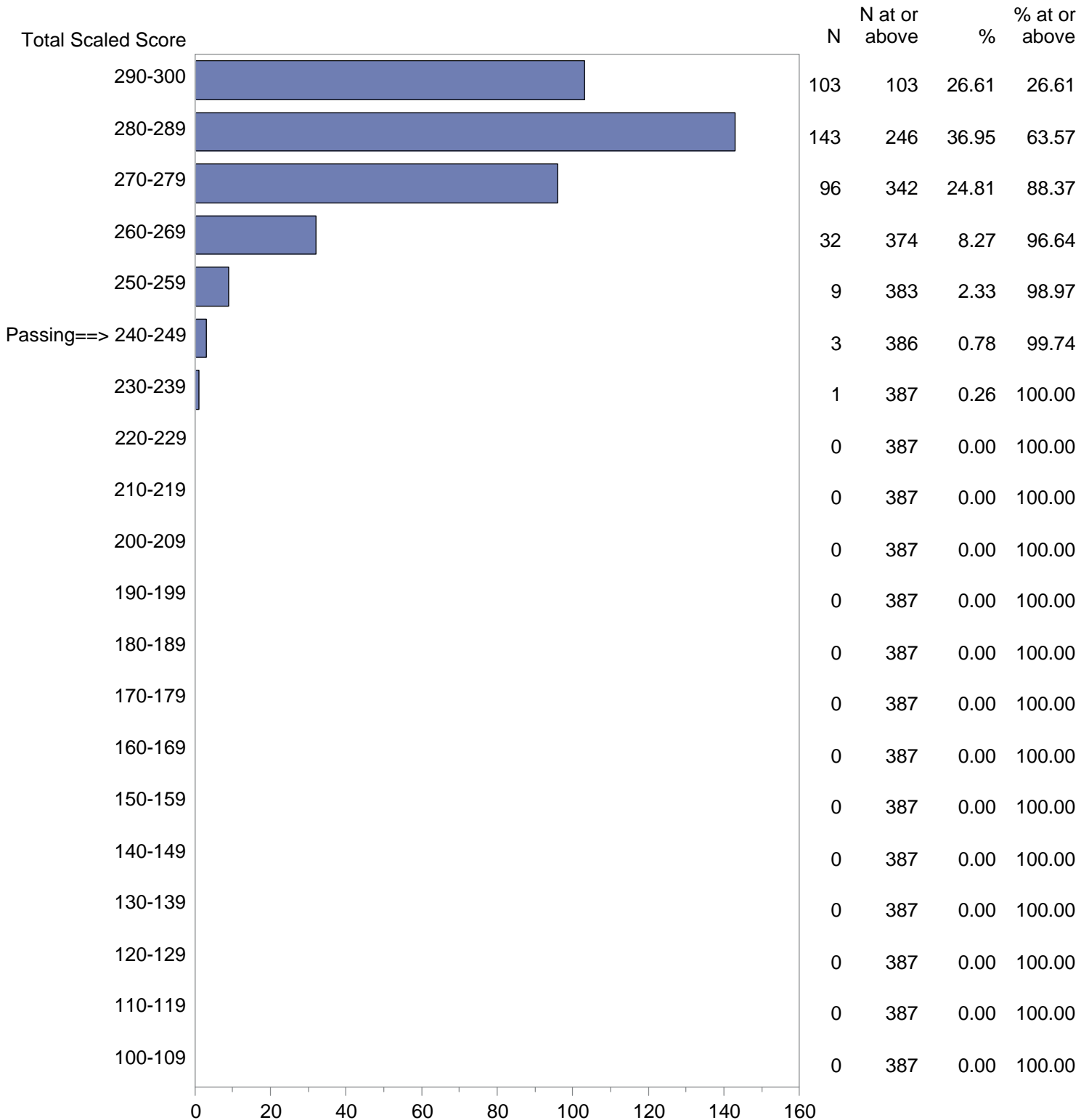
Test and Item(s)		Number of Tests Taken	Number of Scorable Responses	Constructed-Response Items			
				Scorer Agreement (%)			Inter-rater Reliability
				Total	Exact	Adjacent	
165 World Language and Culture: Spanish (Grades K-12) Subtest 2	1	102	100	100.0	82.0	18.0	0.84
	2	102	102	100.0	86.3	13.7	0.85
	3	102	102	100.0	87.3	12.7	0.86
	4	102	102	100.0	88.2	11.8	0.85
189 MN NES Essential Academic Skills II: Writing	1	2,343	2,326	100.0	90.0	10.0	0.93

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

Appendix C:  
Frequency Distributions of Total Test Scores

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

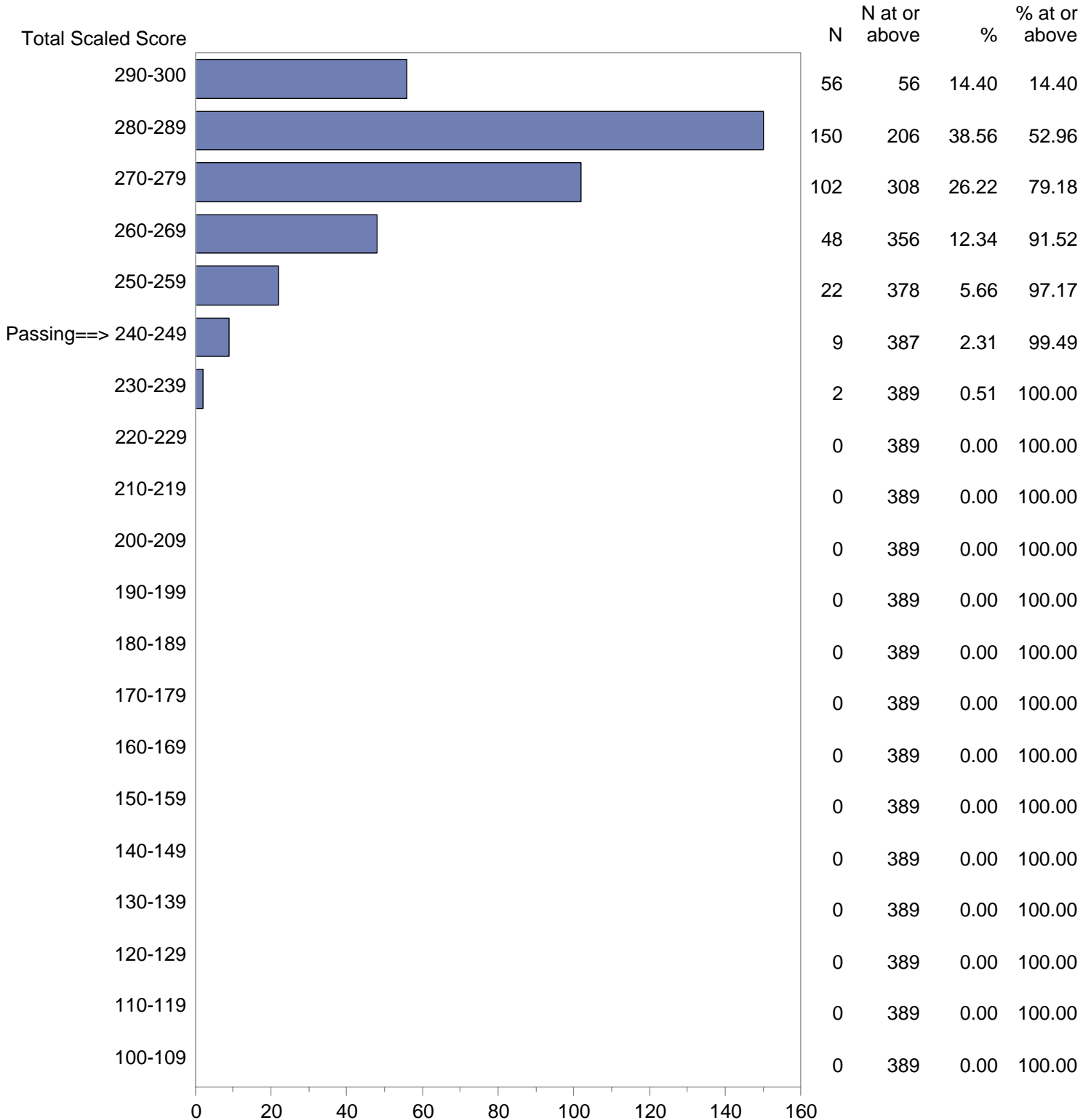
Test Field=010 Pedagogy: Early Childhood (Birth to Grade 3) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

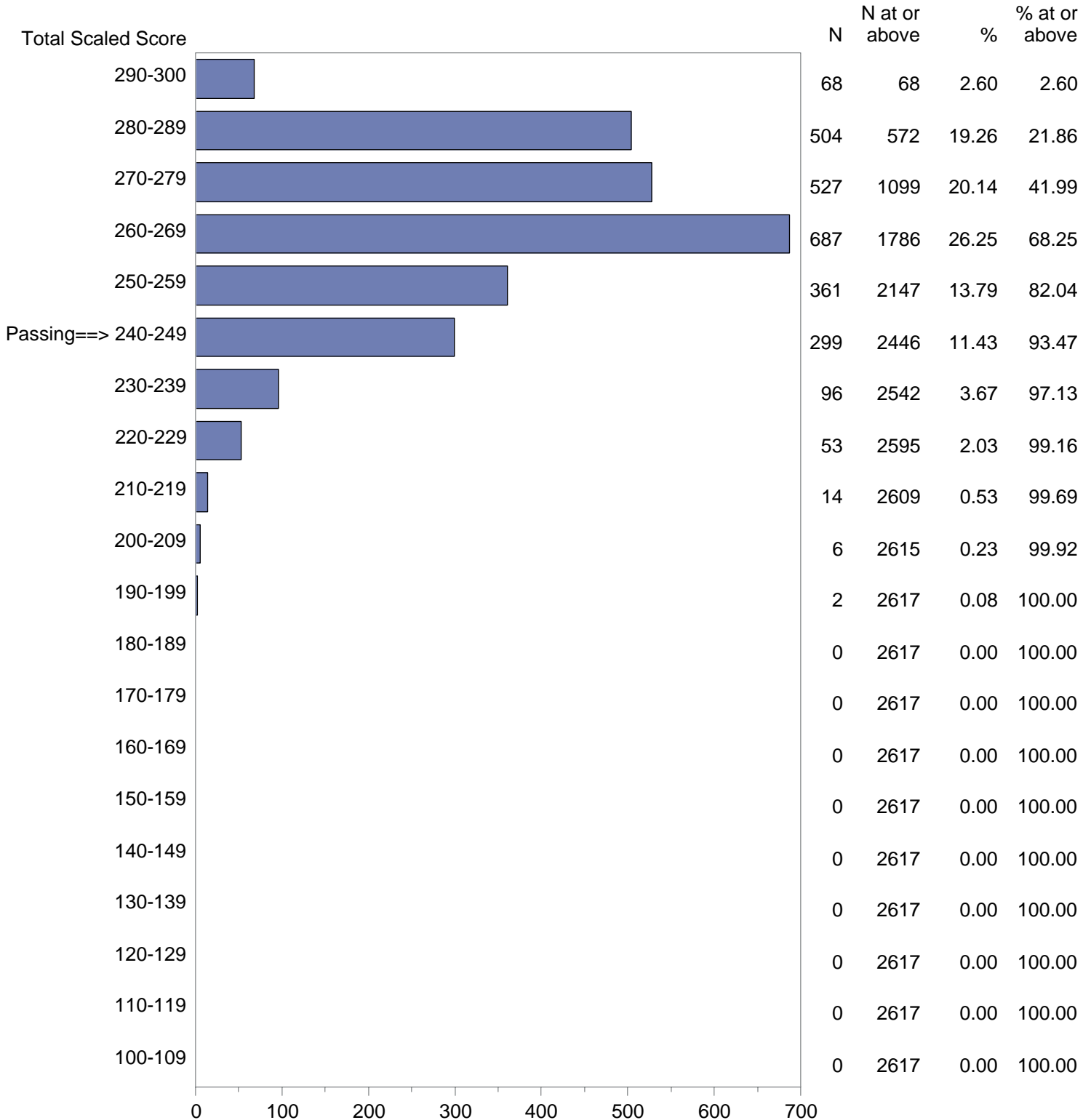
Test Field=011 Pedagogy: Early Childhood (Birth to Grade 3) Subtest 2



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Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

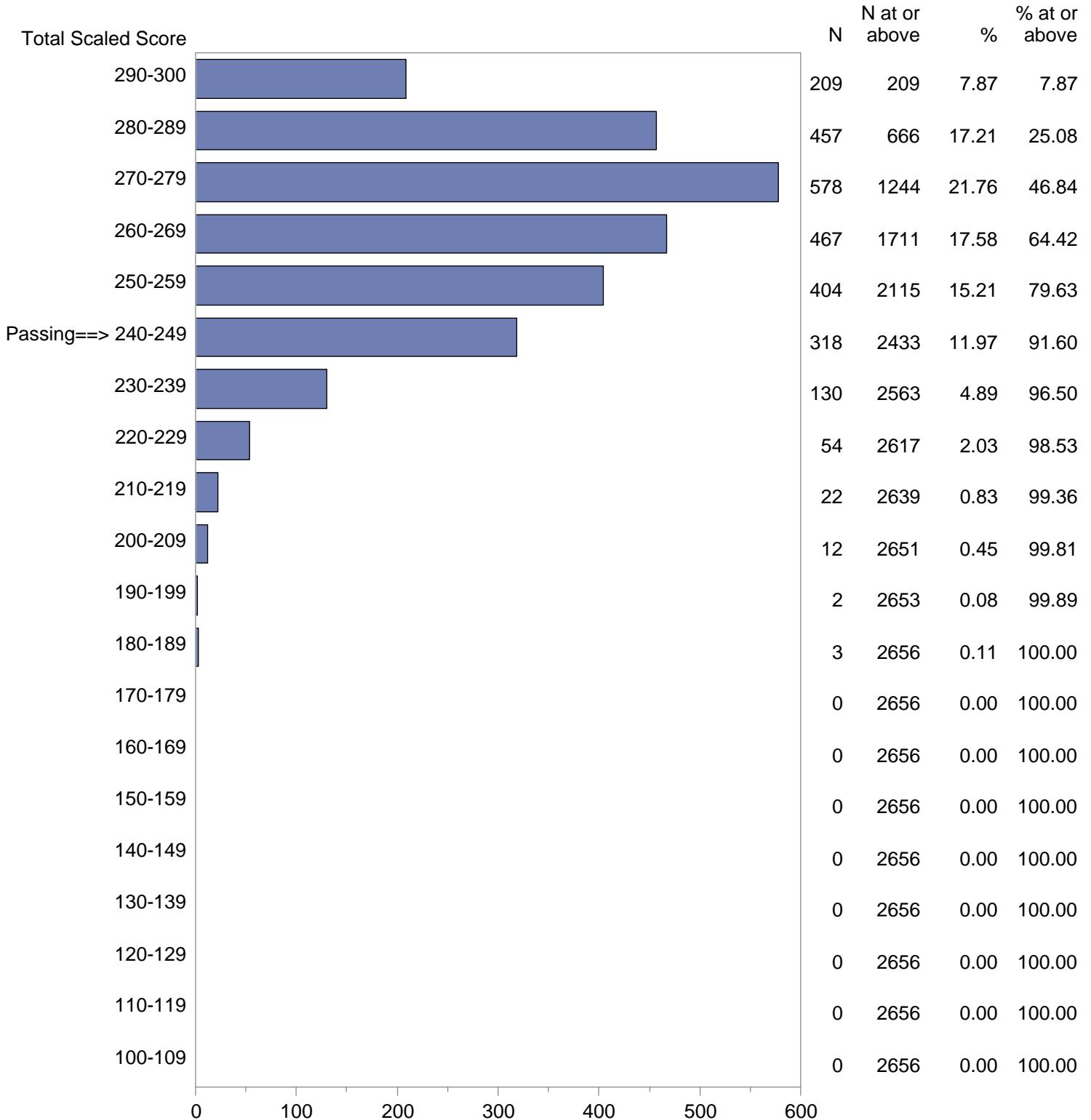
Test Field=012 Pedagogy: Elementary (Grades K-6) Subtest 1



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Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

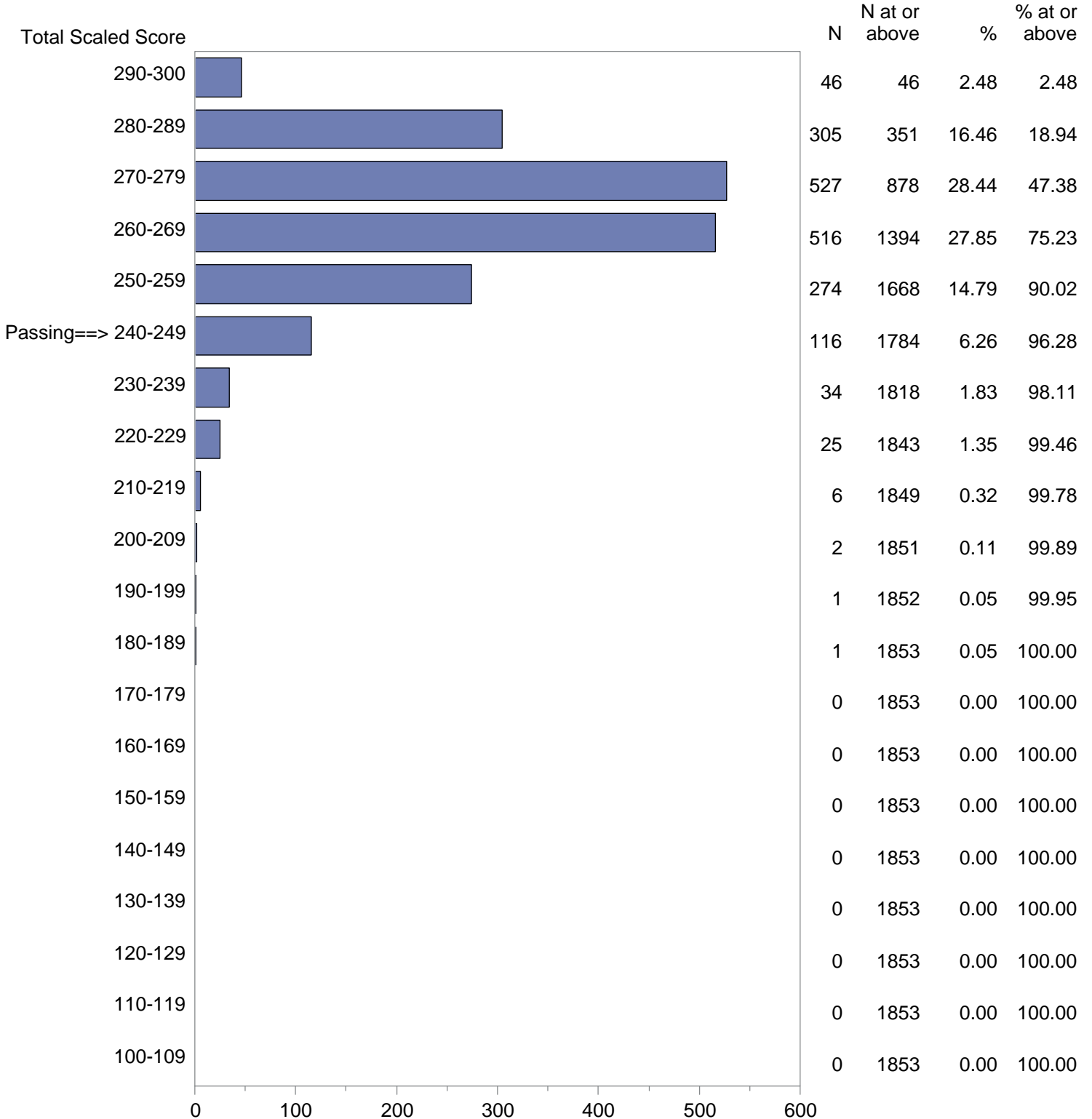
Test Field=013 Pedagogy: Elementary (Grades K-6) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

Test Field=014 Pedagogy: Secondary (Grades 5-12) Subtest 1

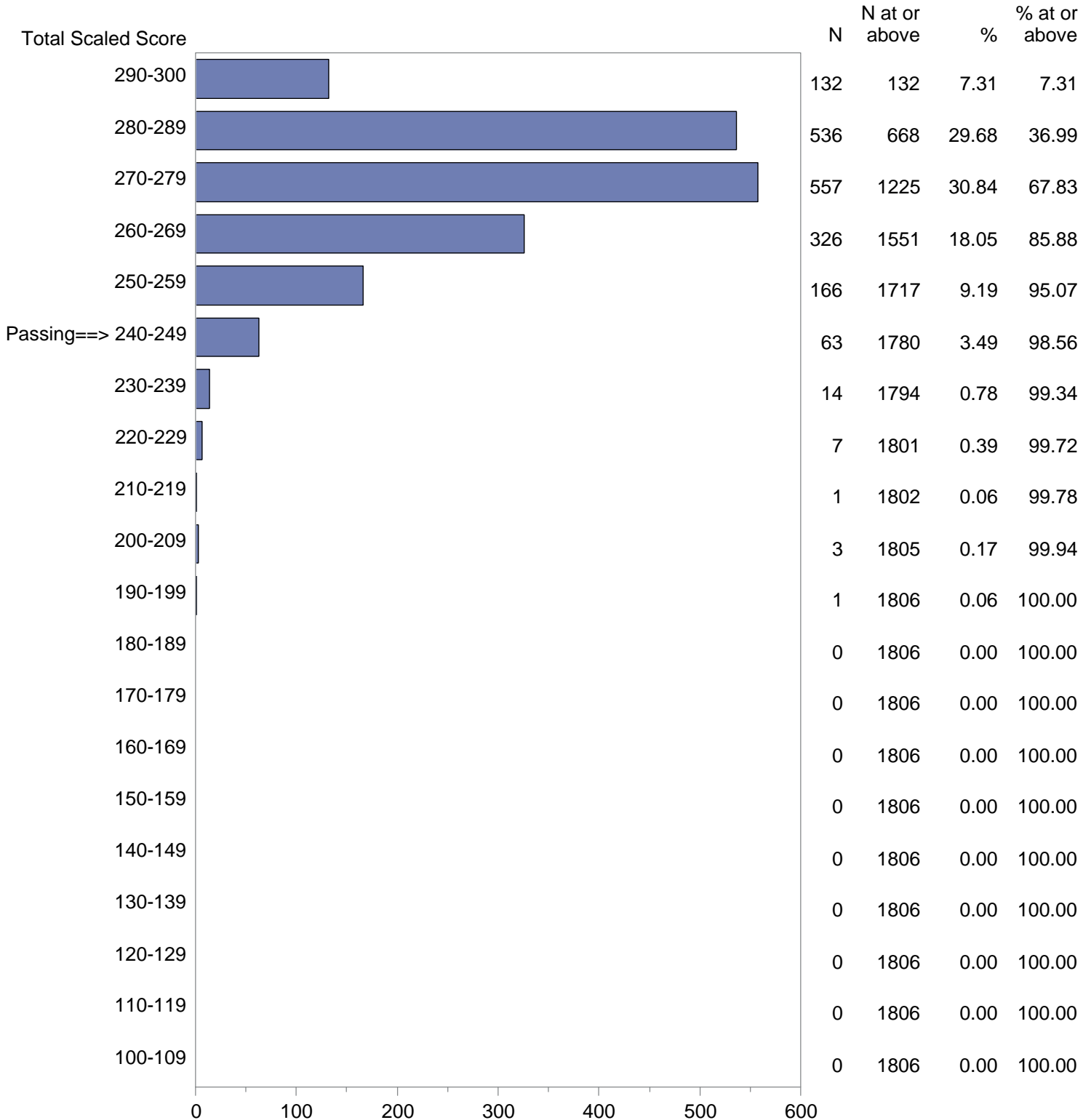


NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.



Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

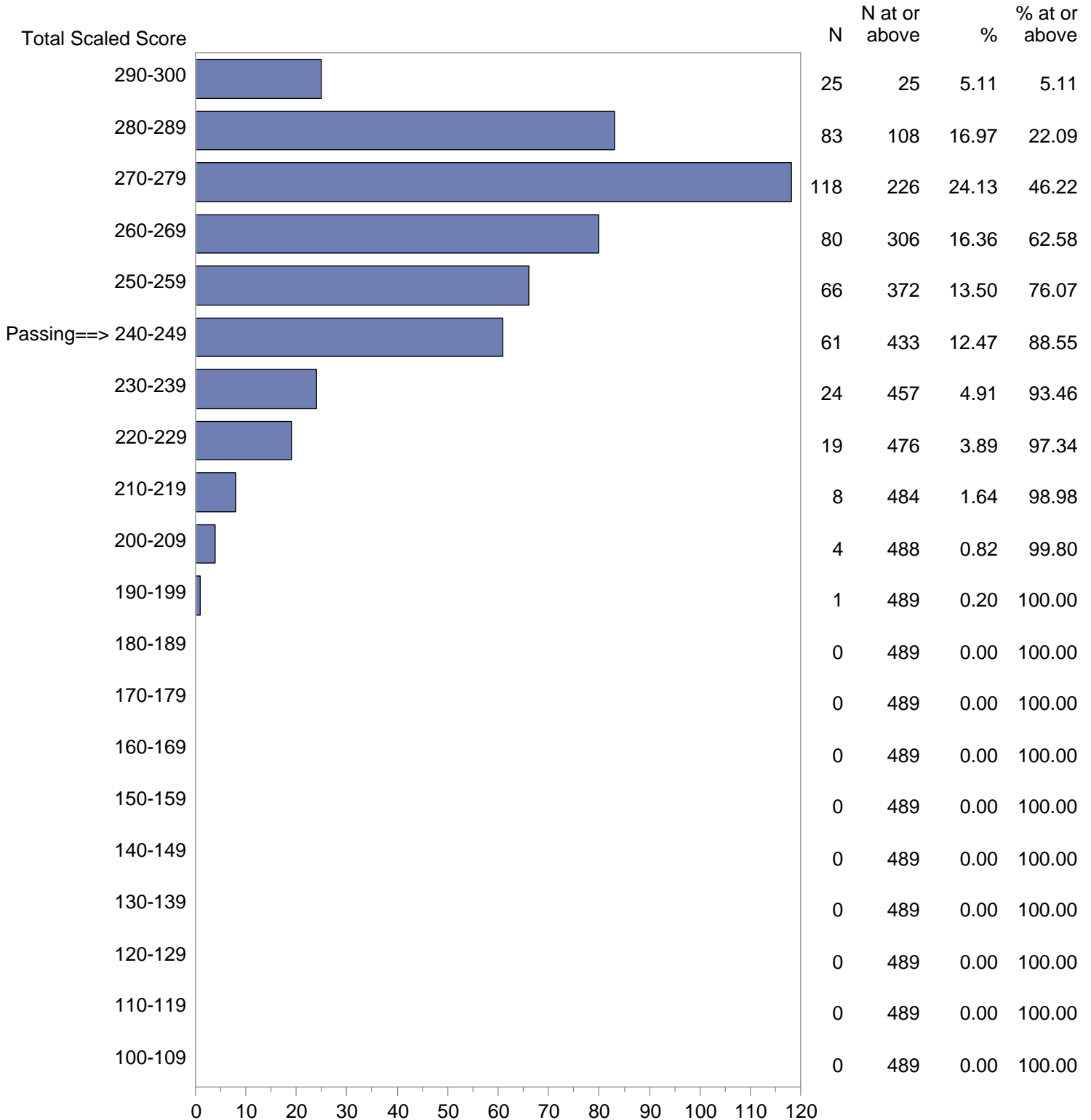
Test Field=015 Pedagogy: Secondary (Grades 5-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

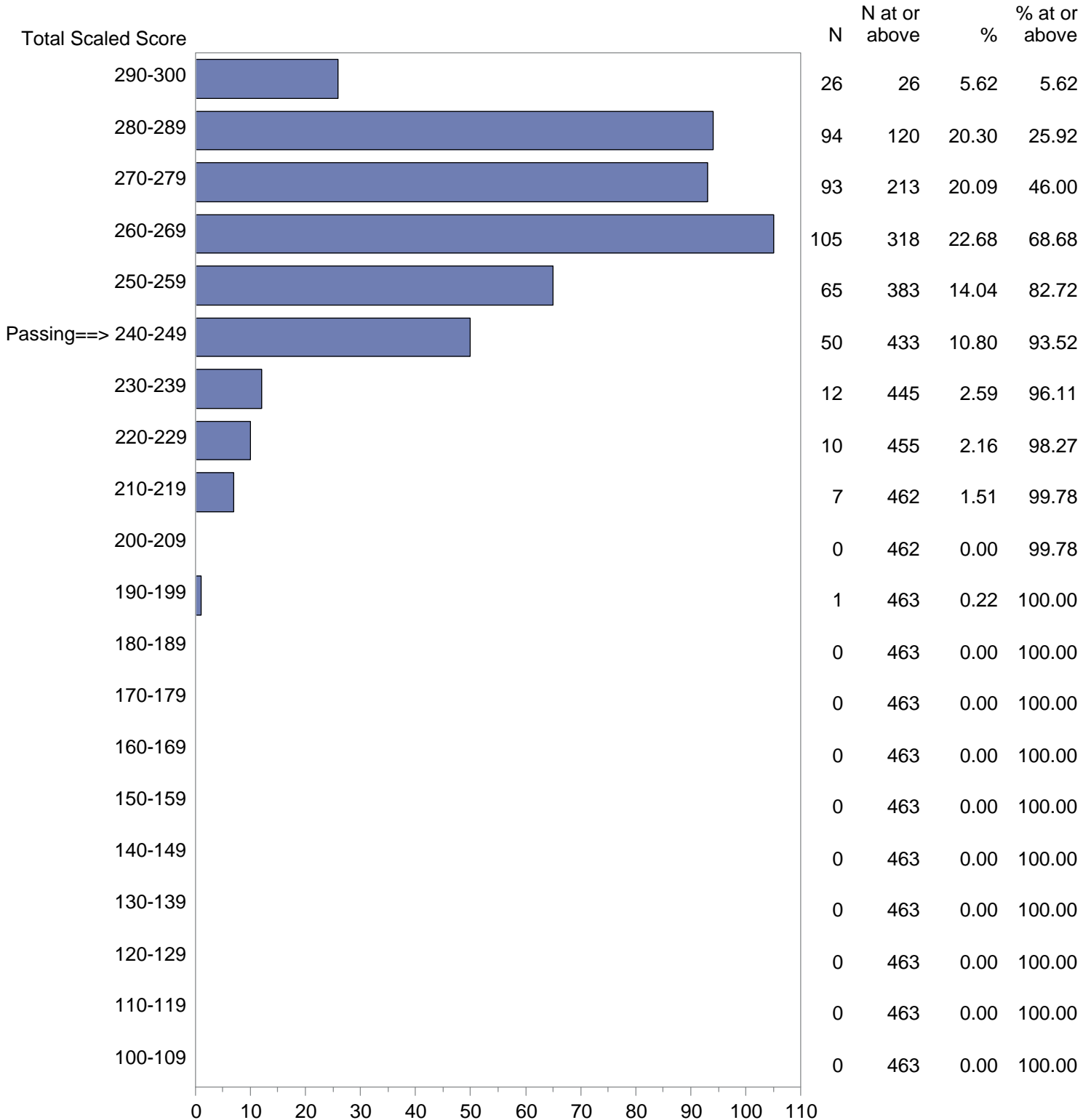
Test Field=020 Early Childhood Education (Birth to Grade 3) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

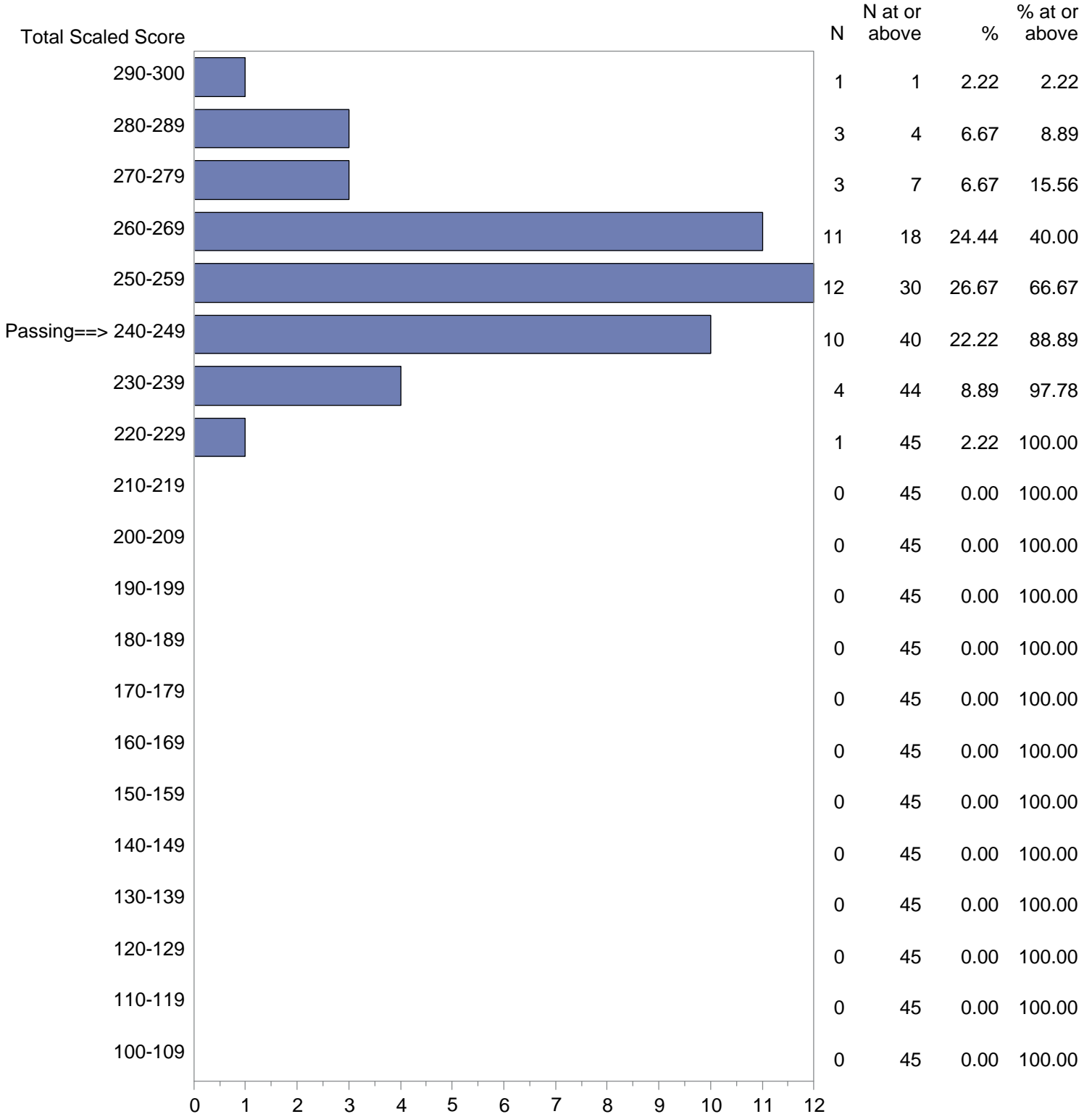
Test Field=021 Early Childhood Education (Birth to Grade 3) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

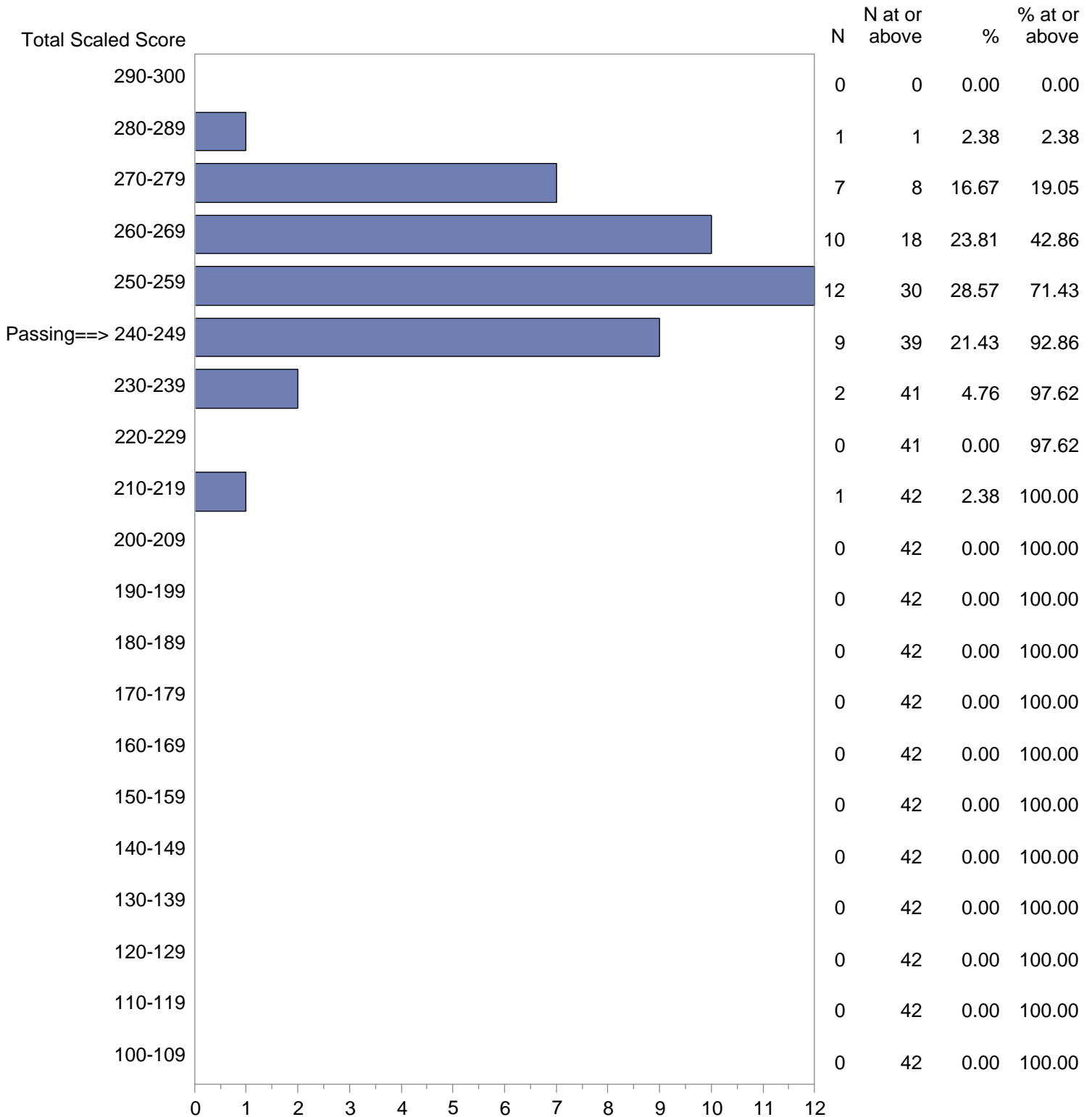
Test Field=032 Middle Level Social Studies (Grades 5-8) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

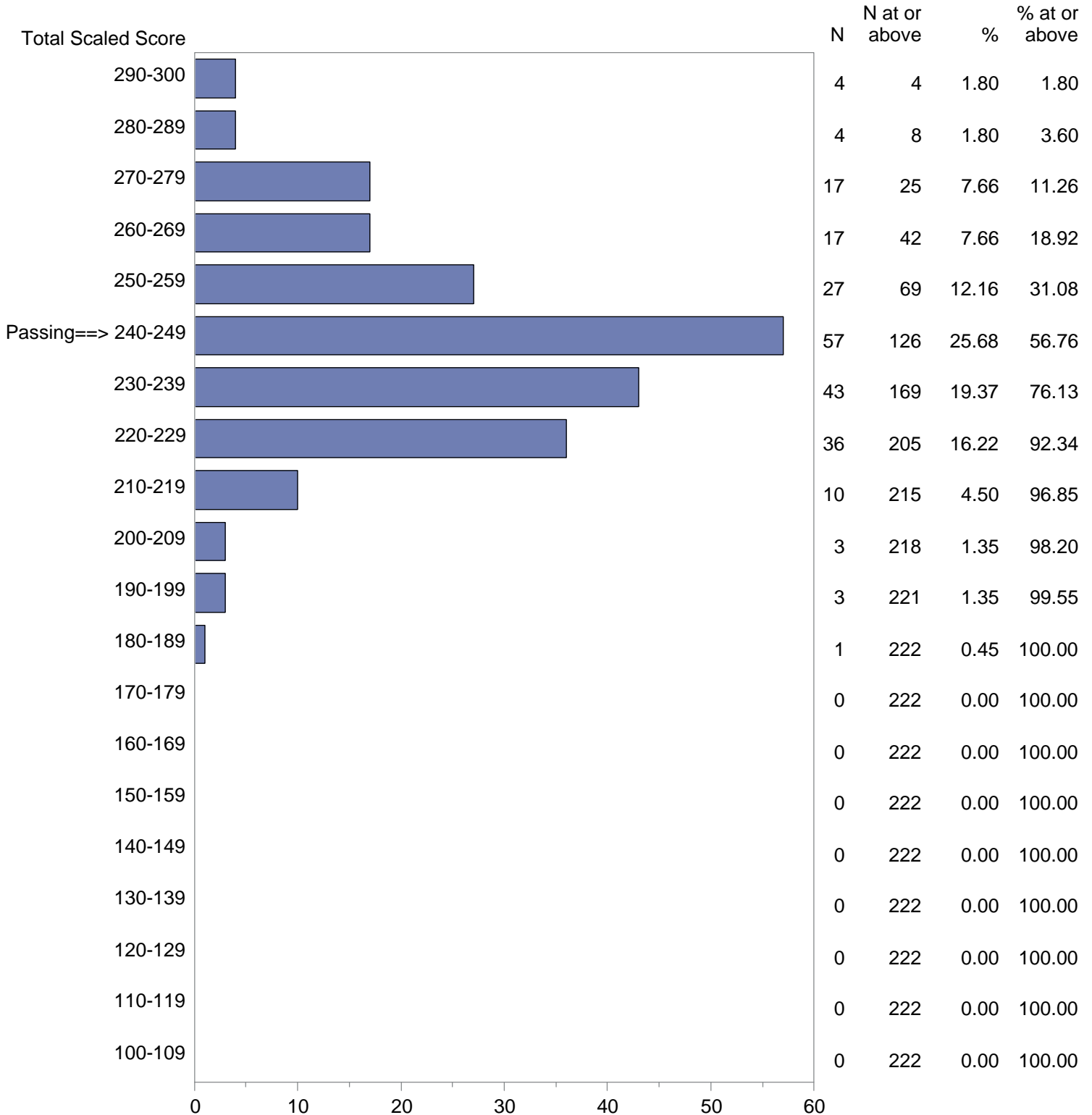
Test Field=033 Middle Level Social Studies (Grades 5-8) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

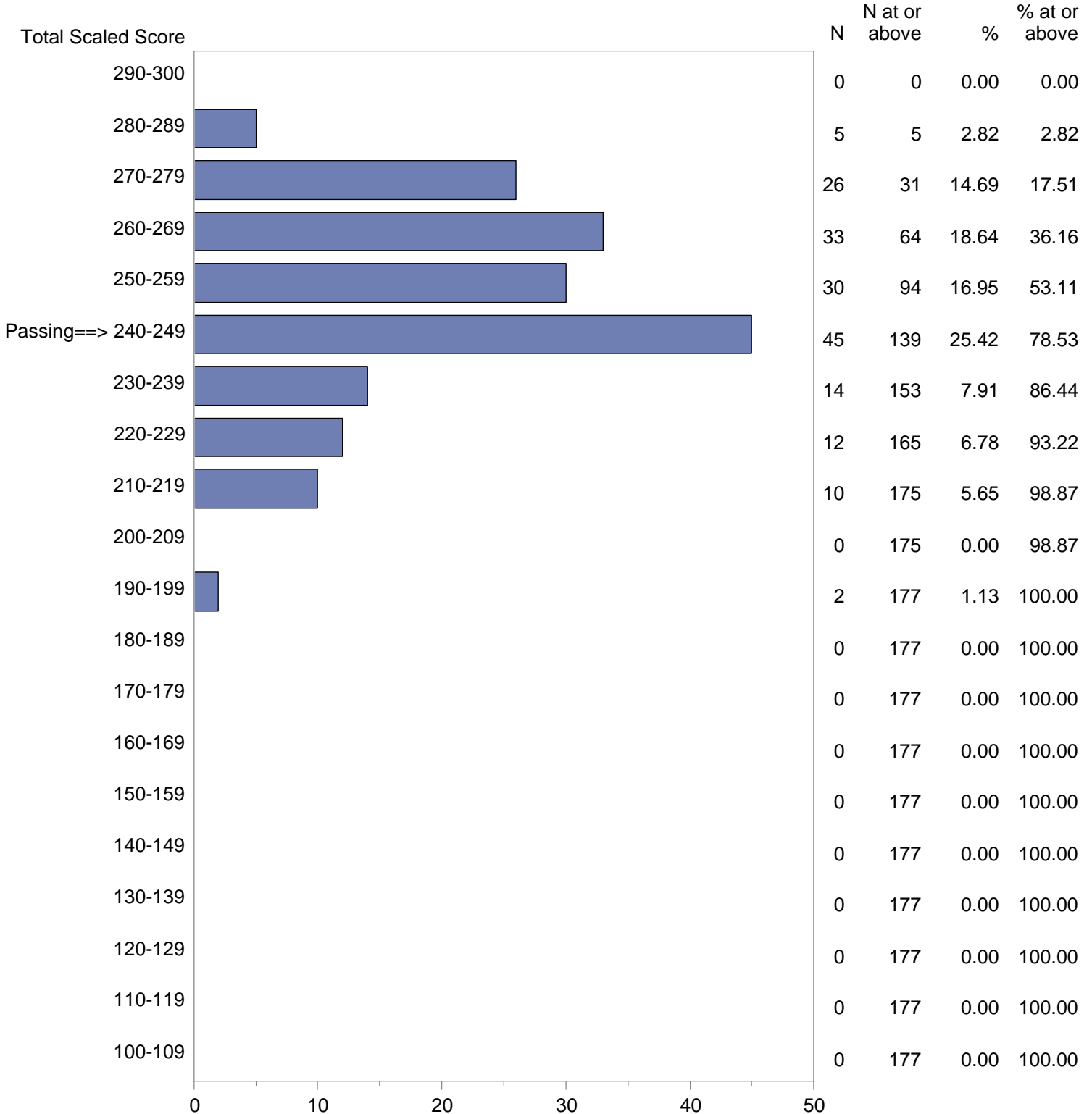
Test Field=034 Middle Level Mathematics (Grades 5-8) Subtest 1



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Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

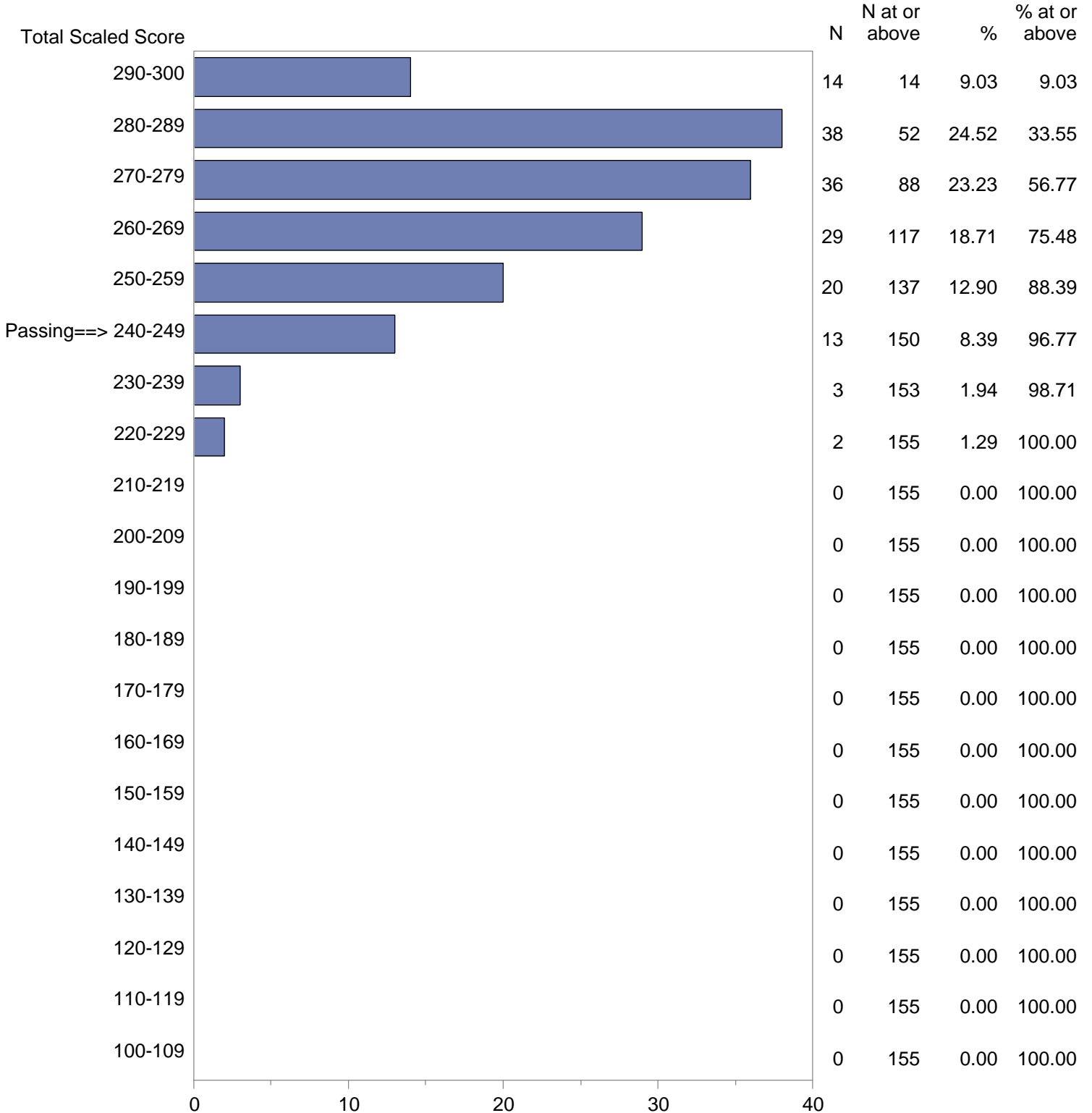
Test Field=035 Middle Level Mathematics (Grades 5-8) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

Test Field=036 Middle Level Science (Grades 5-8) Subtest 1

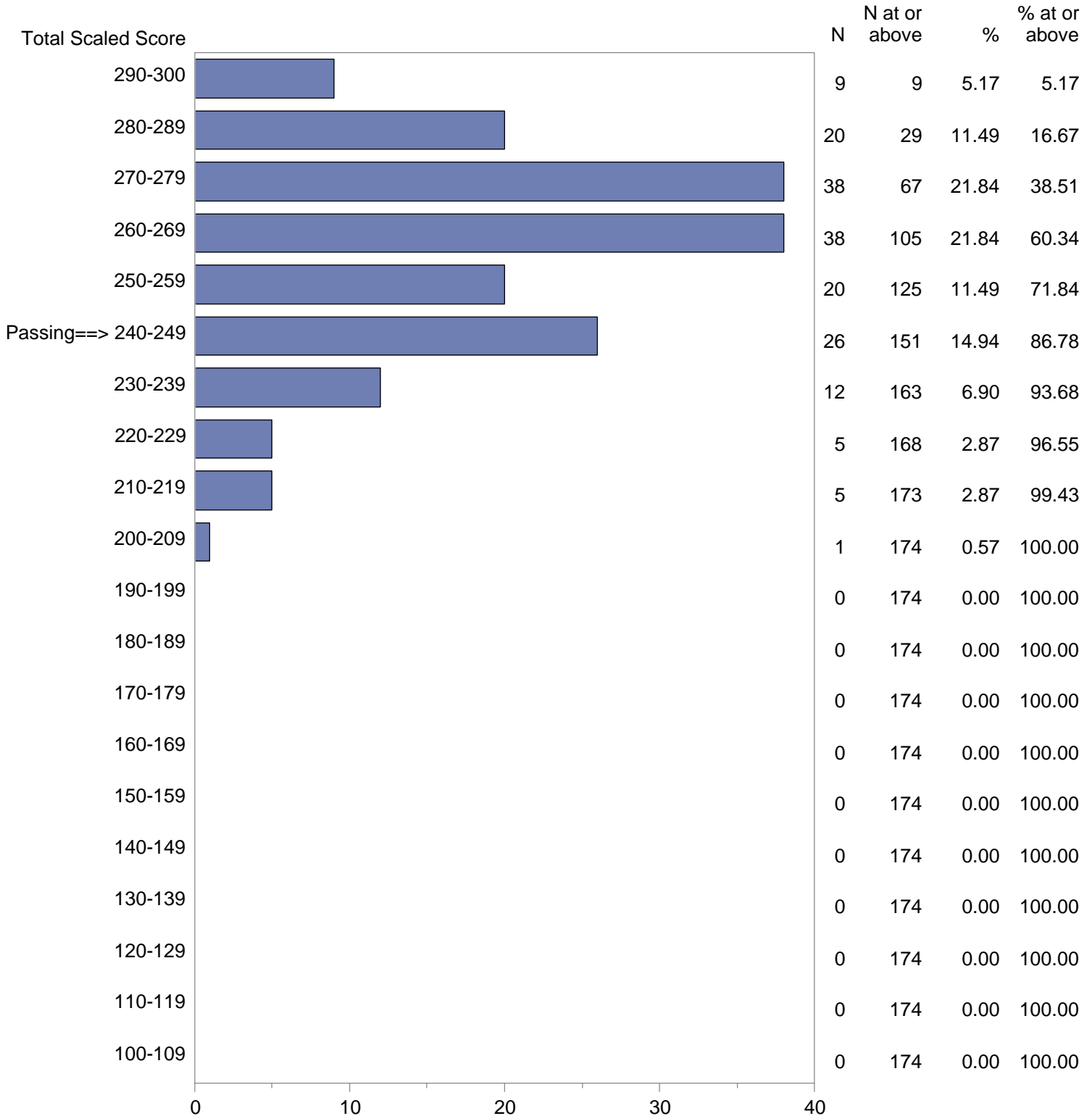


NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.



Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

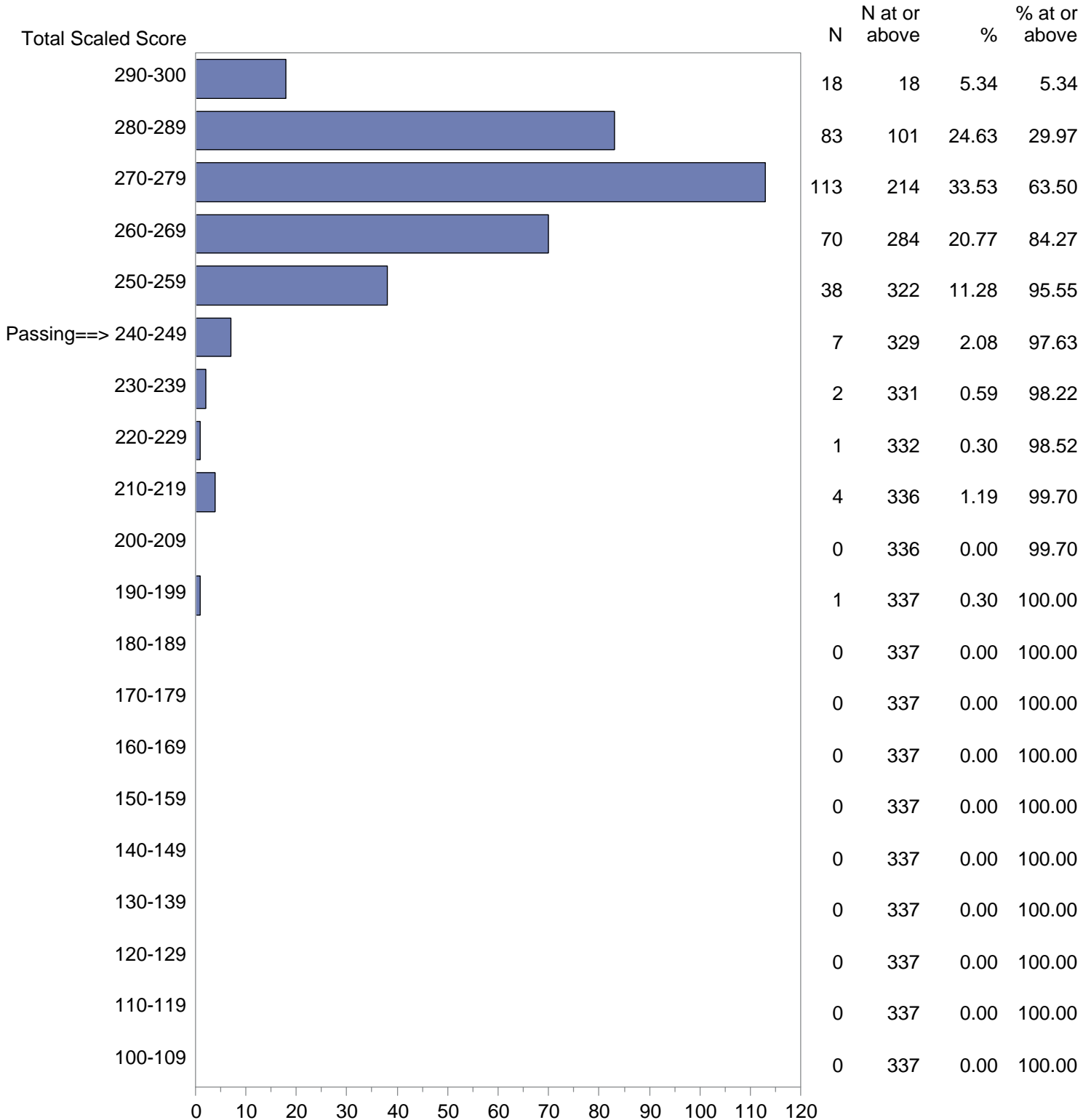
Test Field=037 Middle Level Science (Grades 5-8) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

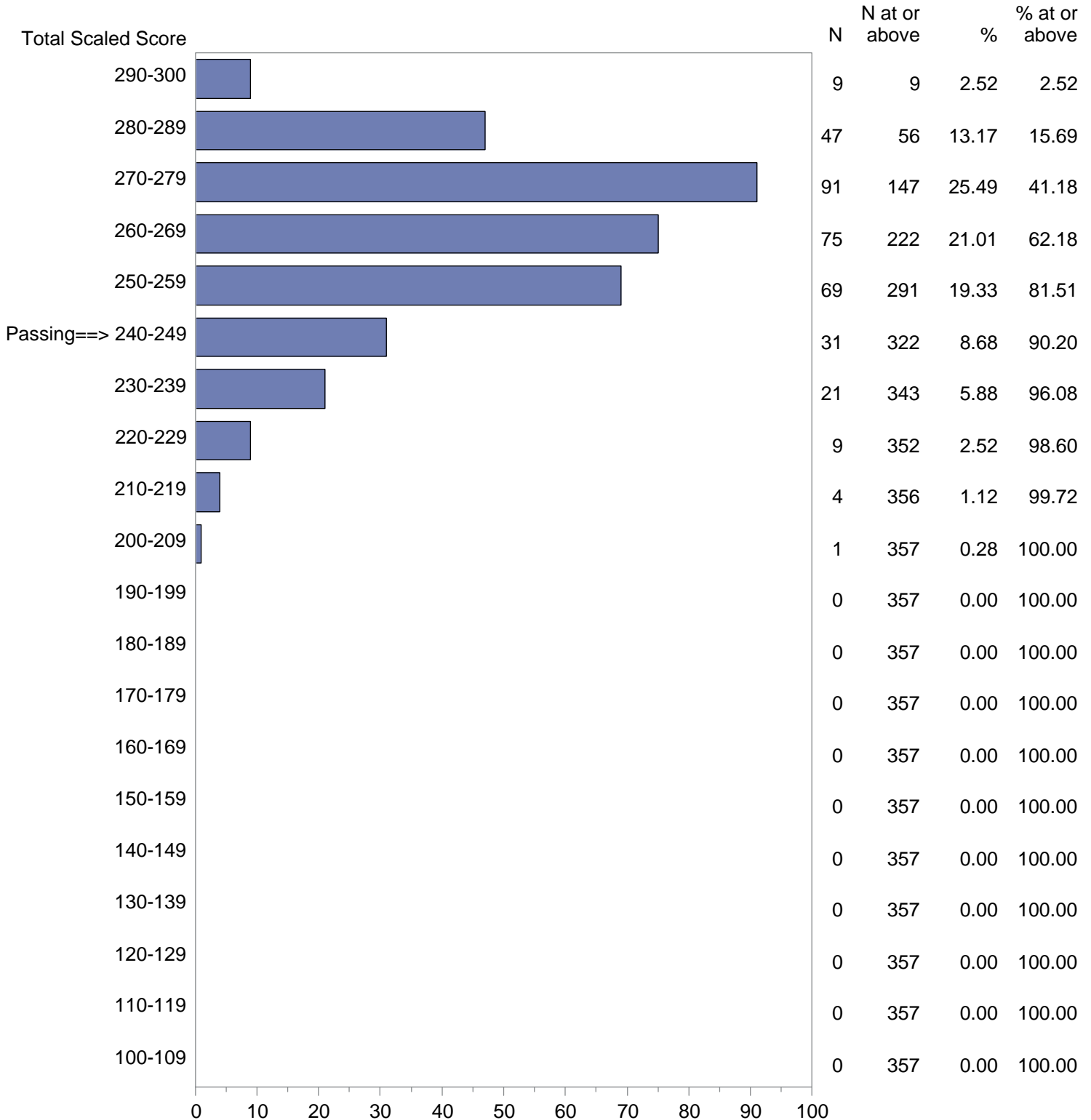
Test Field=050 Communication Arts/Literature (Grades 5-12) Subtest 1



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Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

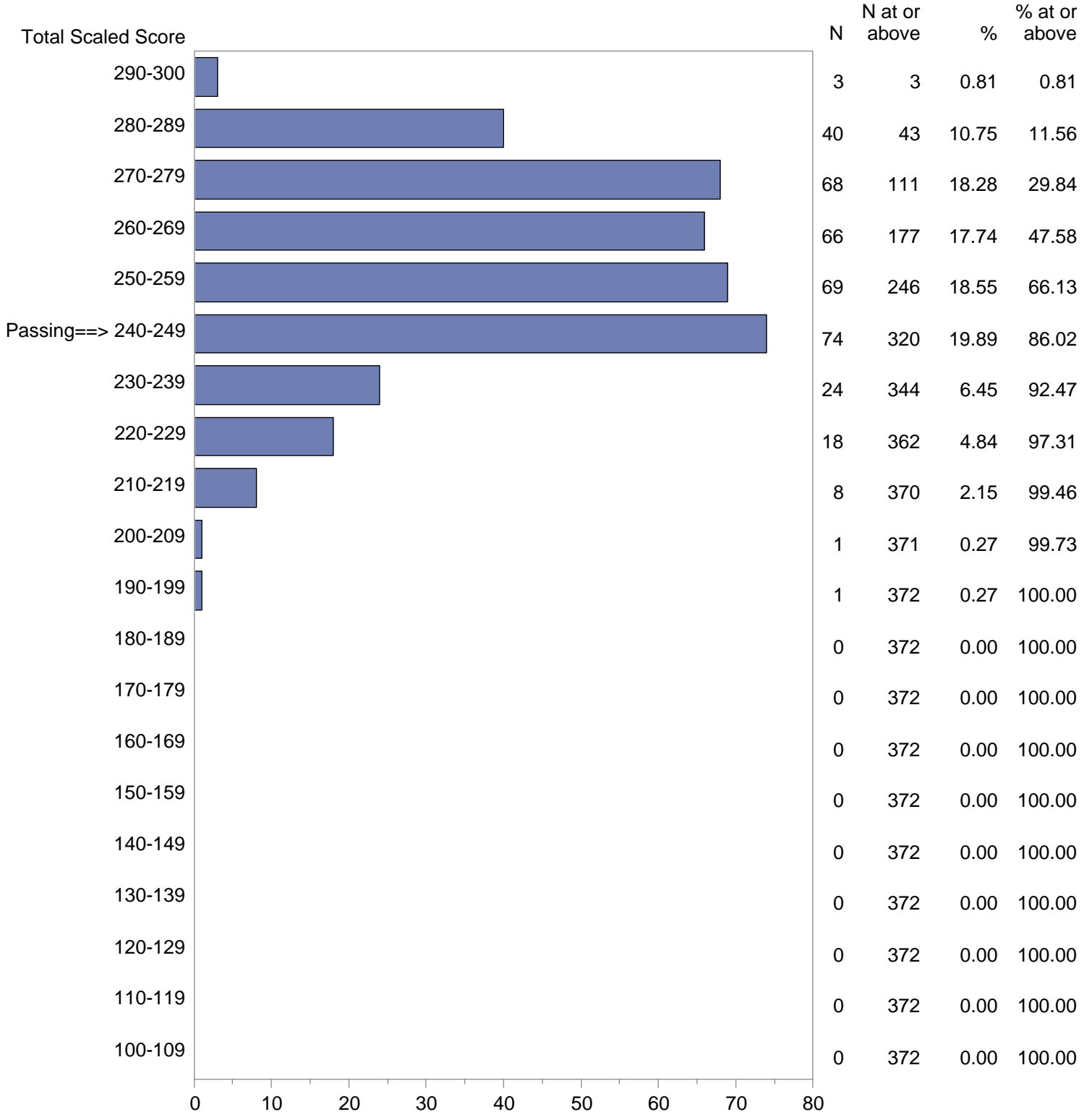
Test Field=051 Communication Arts/Literature (Grades 5-12) Subtest 2



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Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

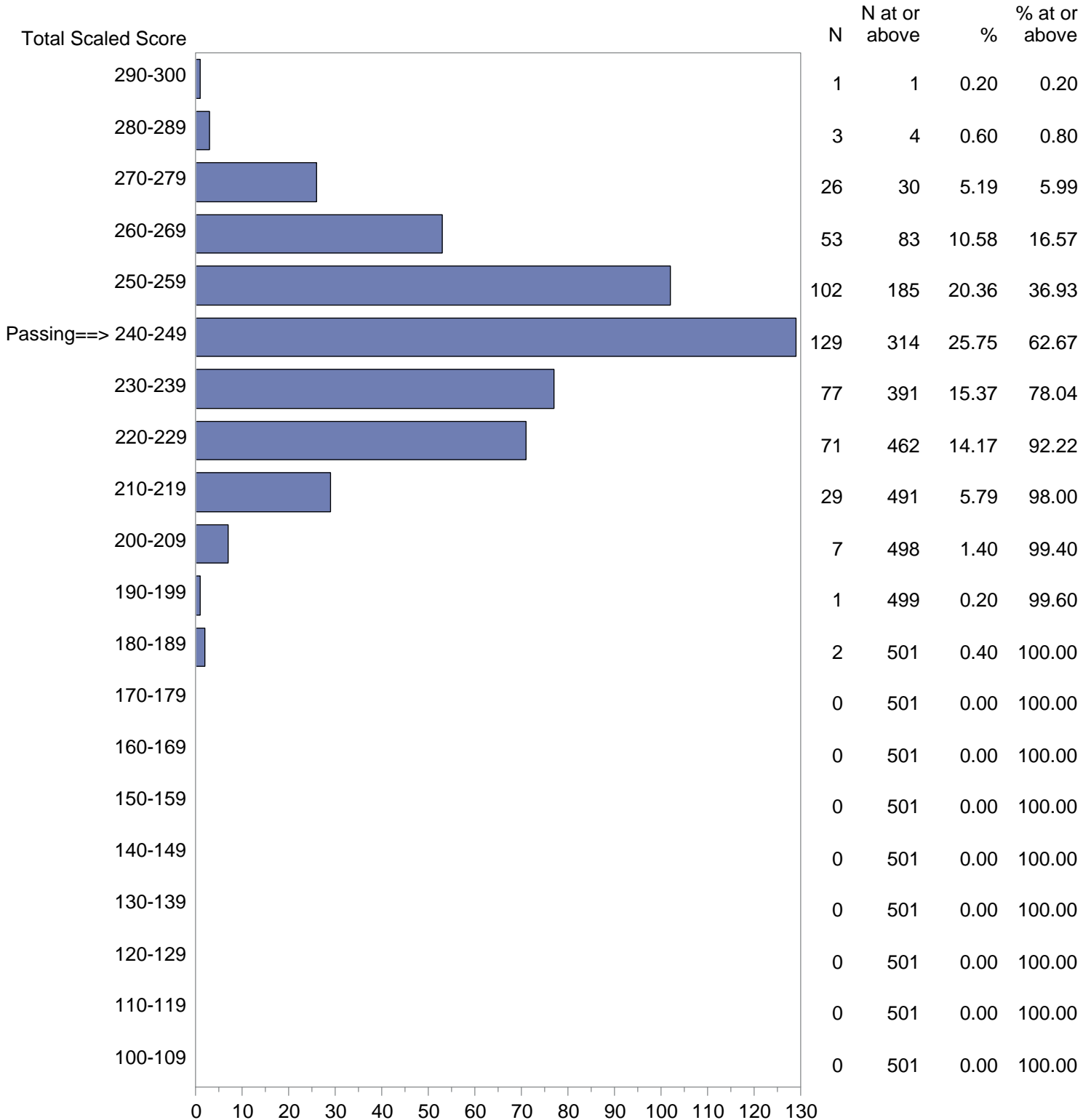
Test Field=052 Social Studies (Grades 5-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

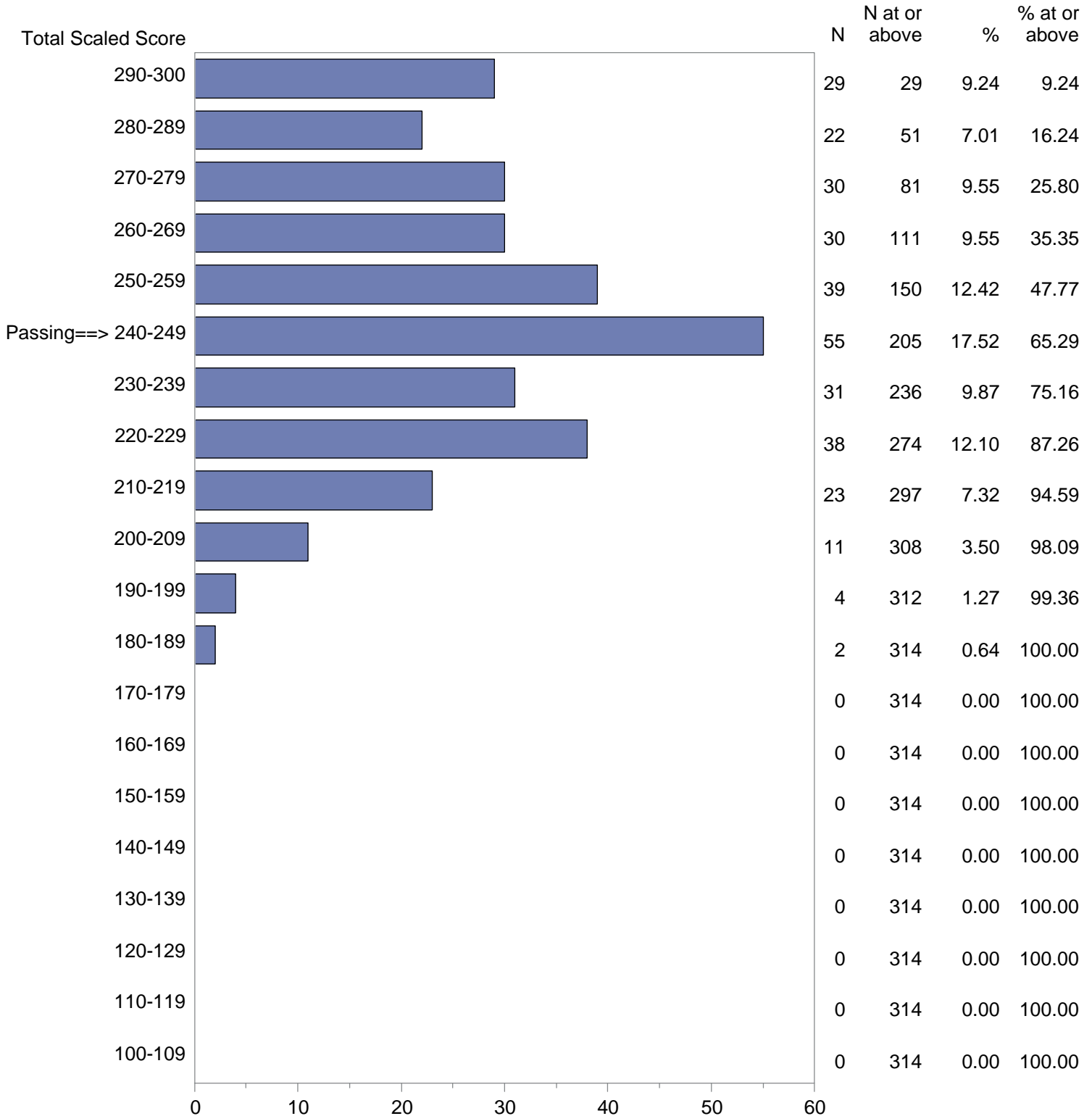
Test Field=053 Social Studies (Grades 5-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

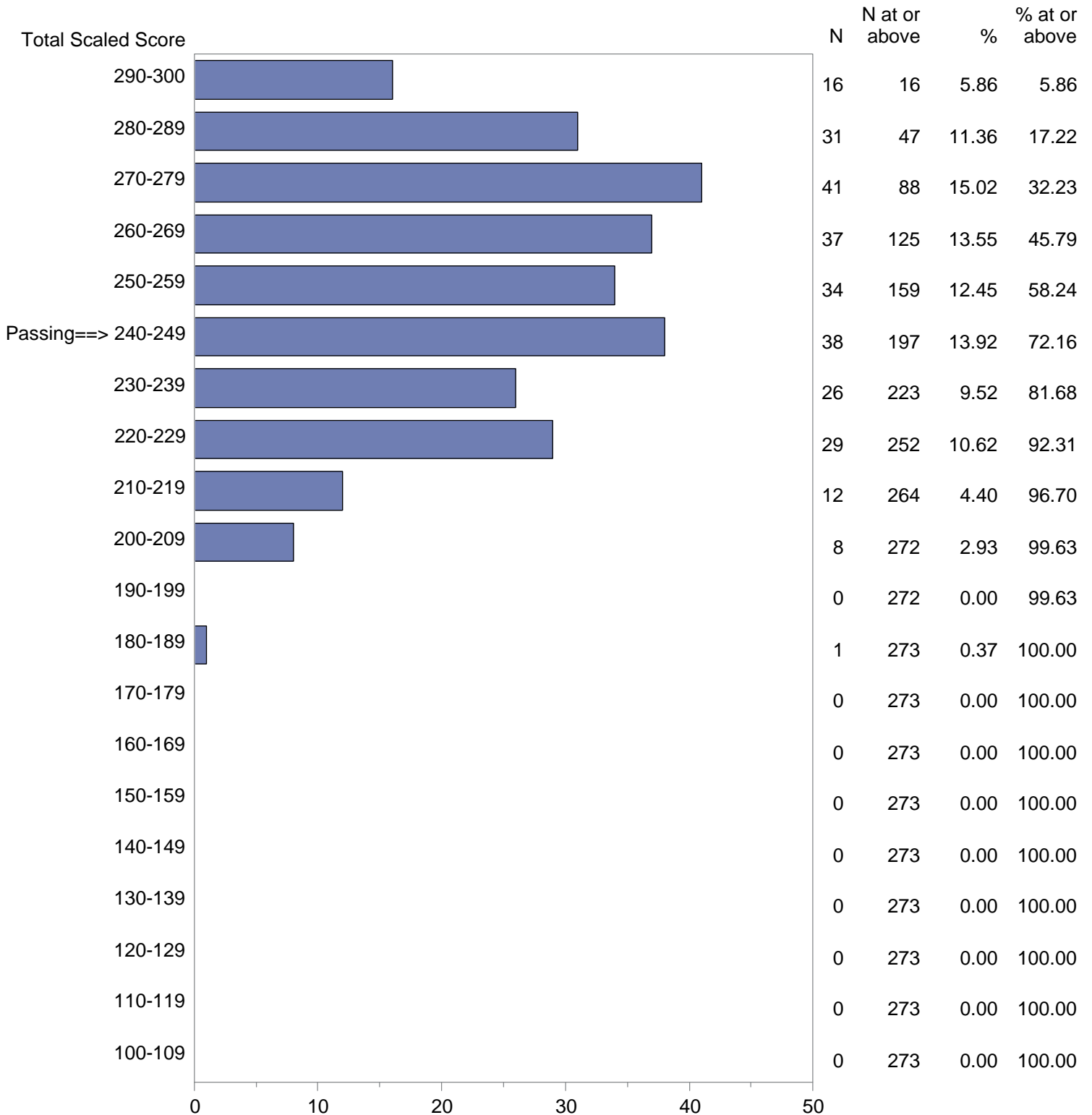
Test Field=054 Mathematics (Grades 5-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2018 - August 31, 2019  
Total Scaled Score Distribution by Test Field (All Forms)

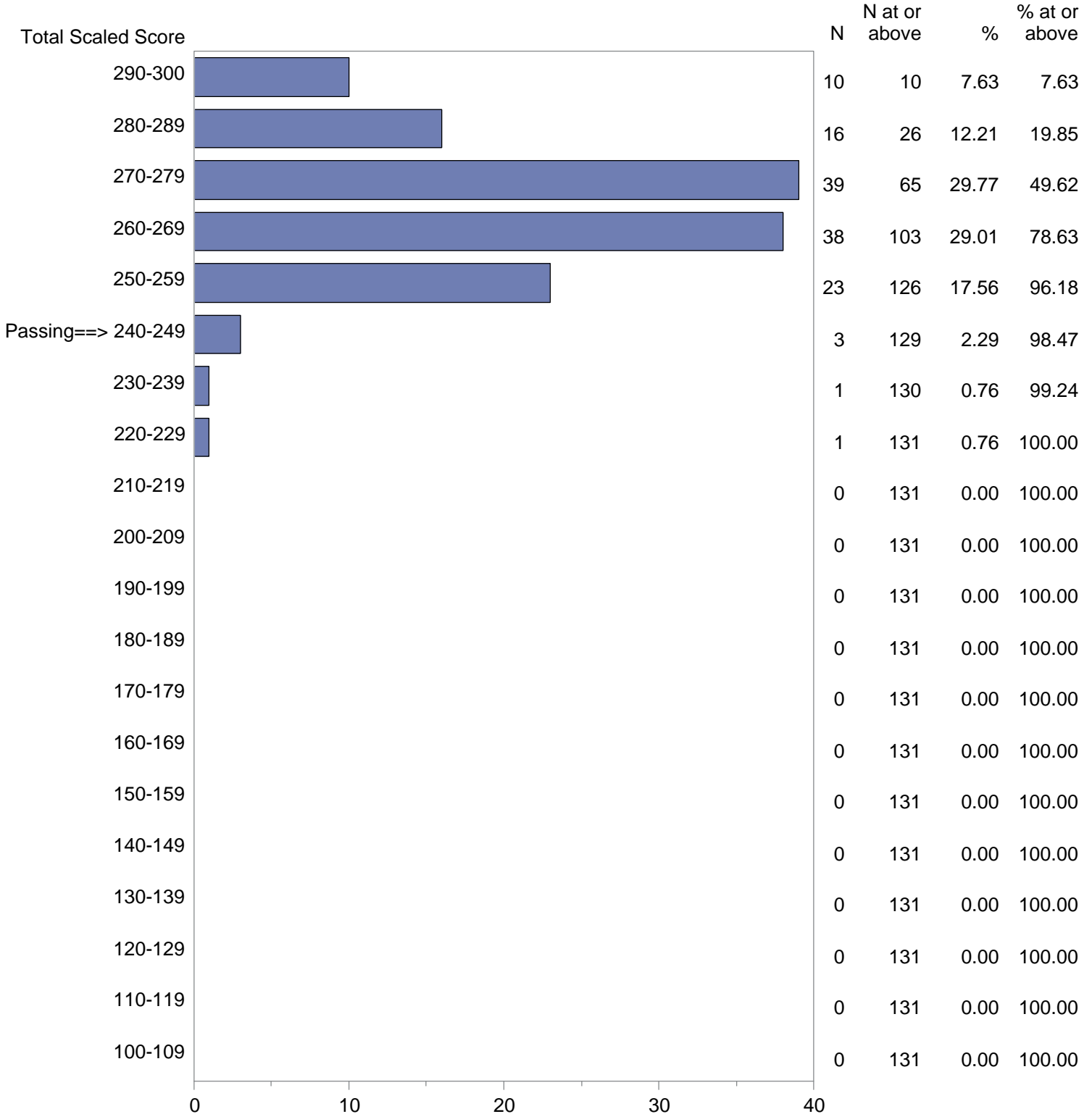
Test Field=055 Mathematics (Grades 5-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

Test Field=056 Health (Grades 5-12) Subtest 1

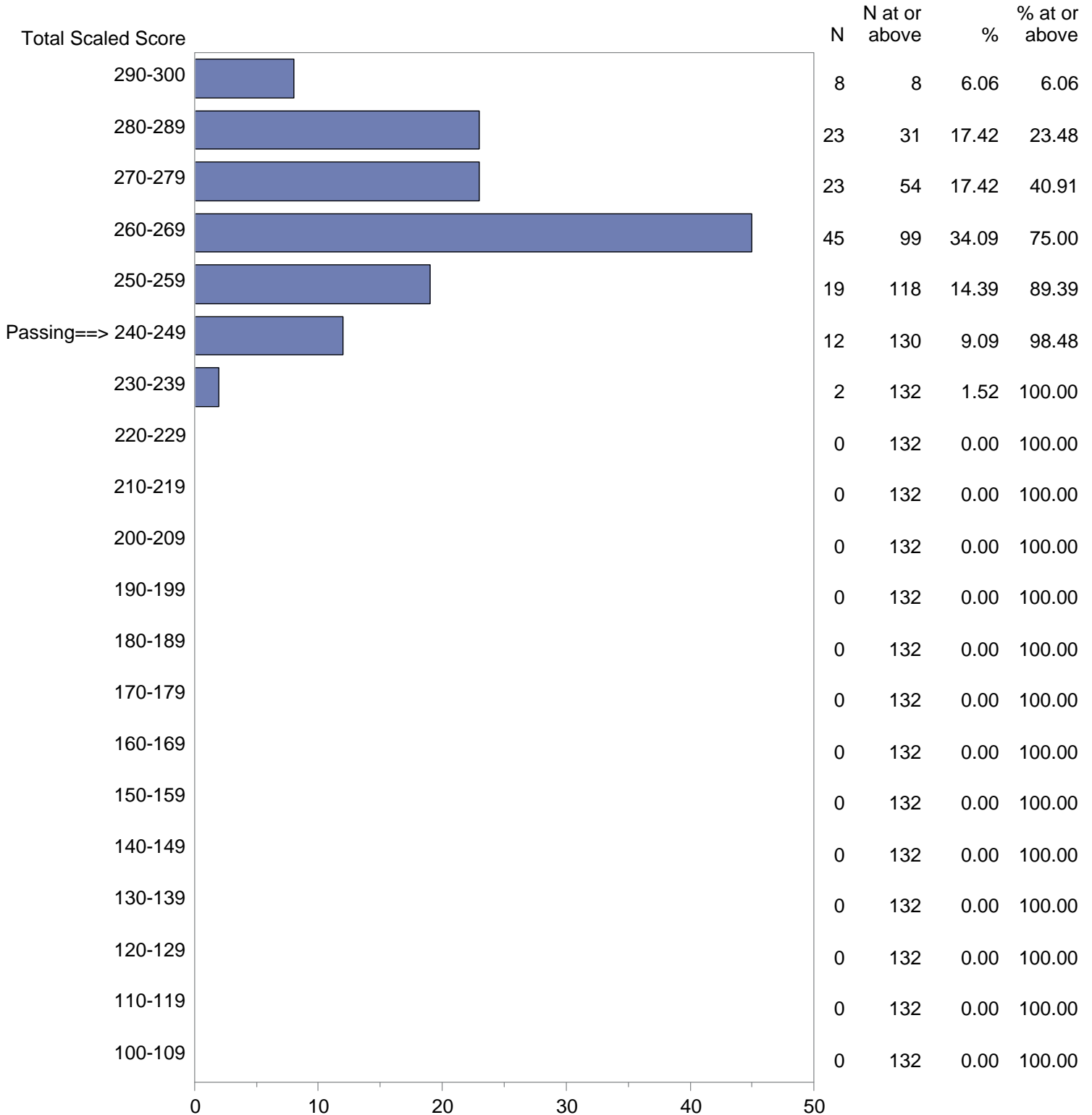


NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.



Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

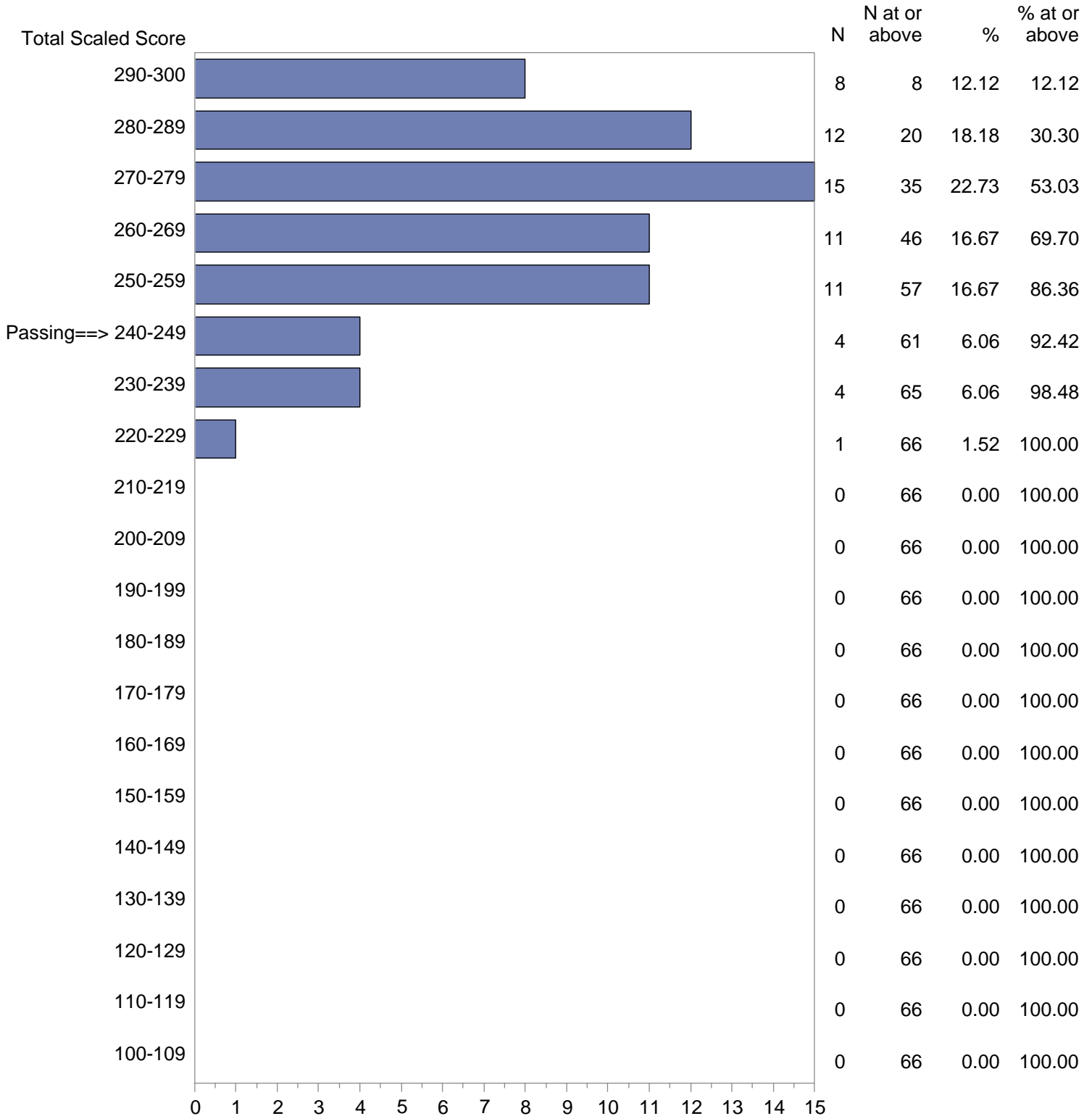
Test Field=057 Health (Grades 5-12) Subtest 2



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Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

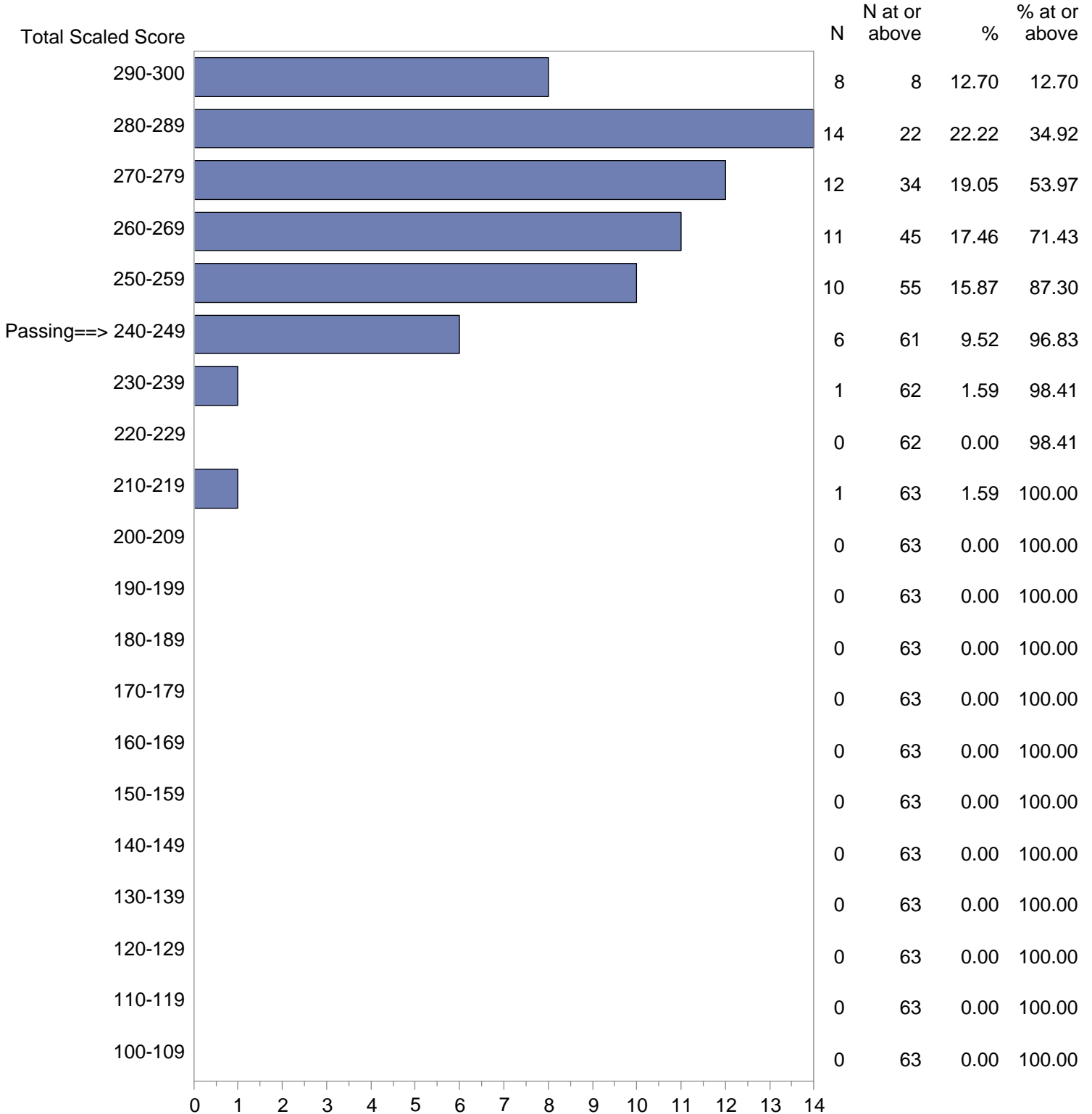
Test Field=058 Chemistry (Grades 9-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

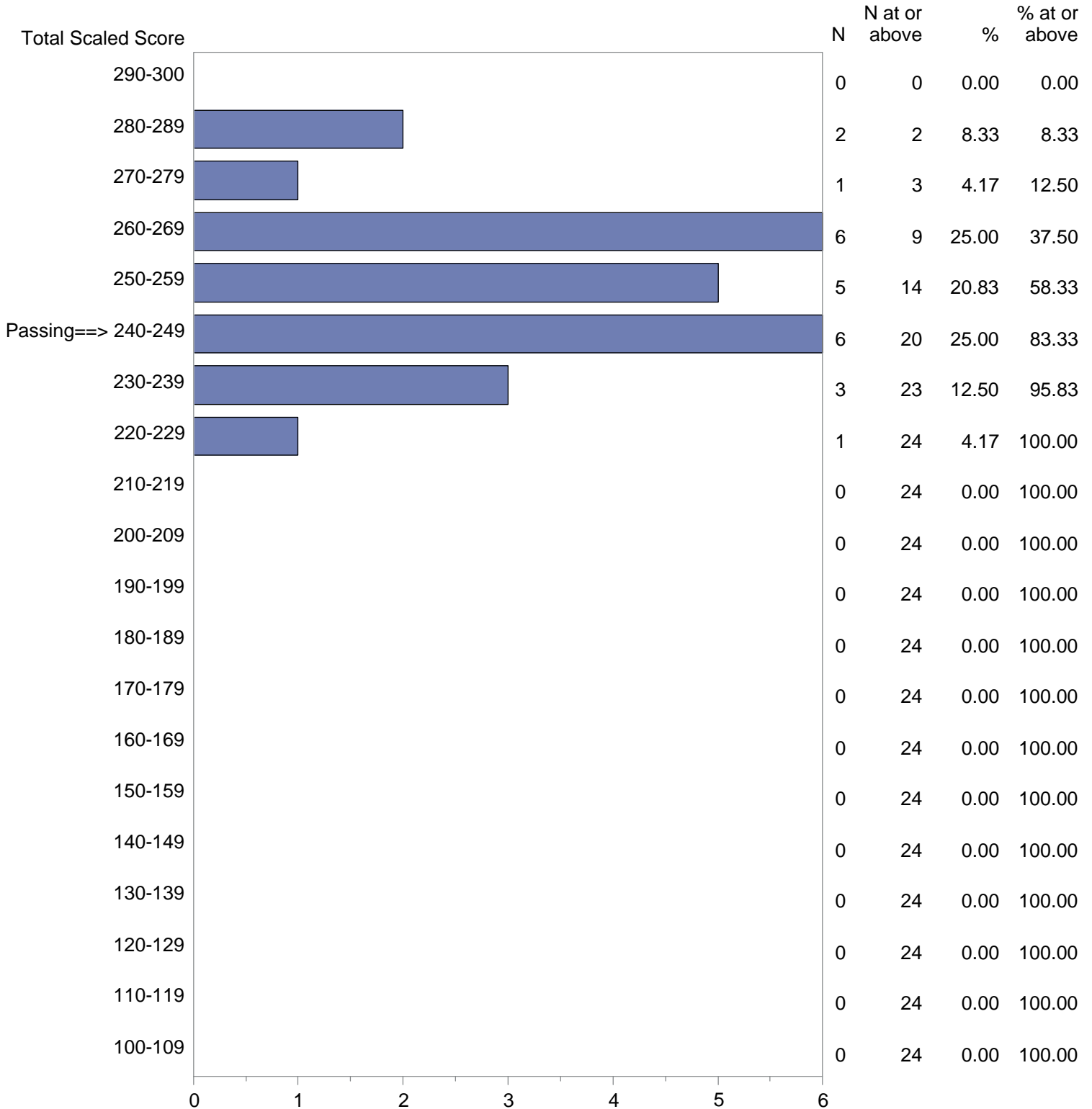
Test Field=059 Chemistry (Grades 9-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

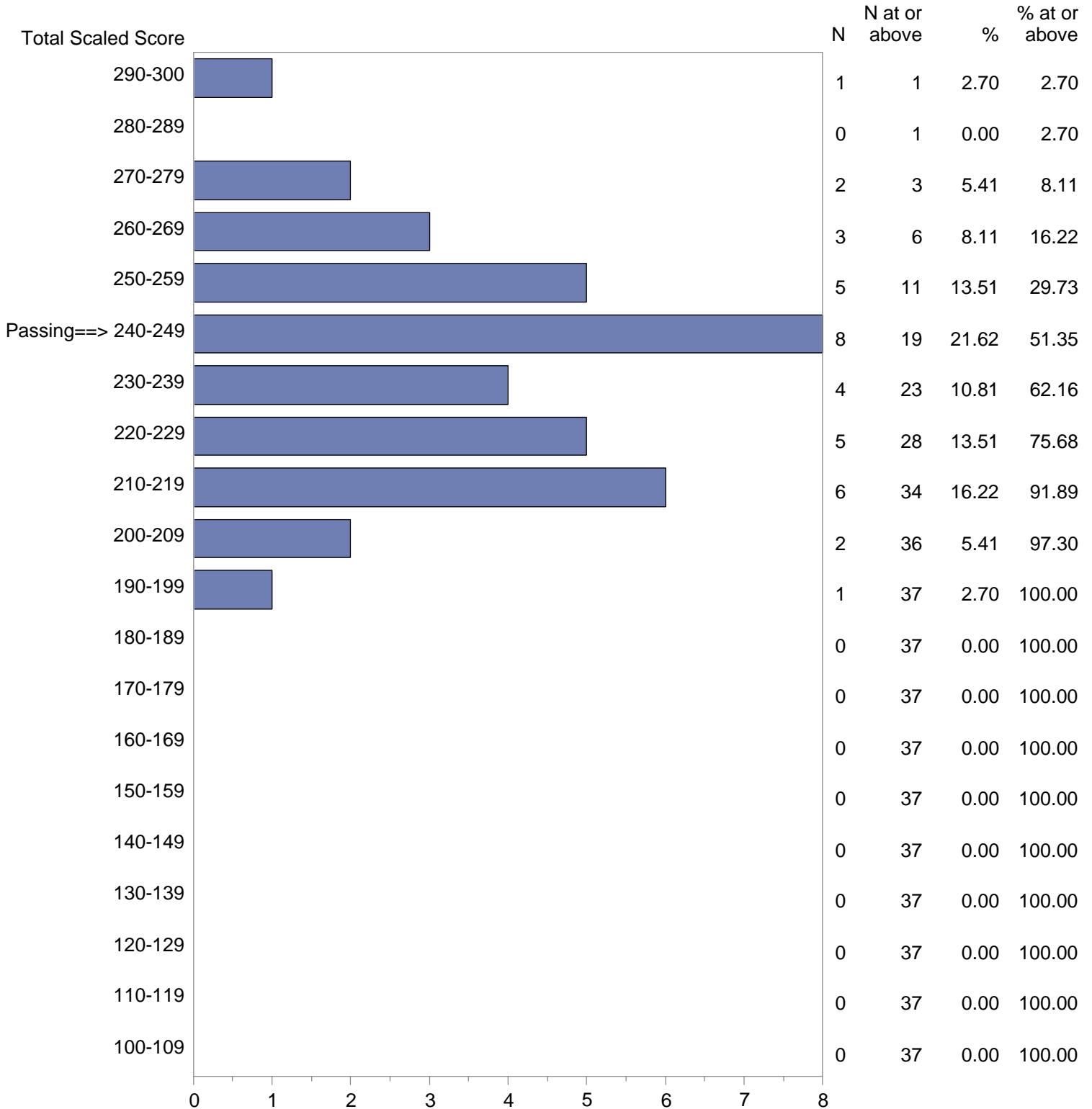
Test Field=060 Earth and Space Science (Grades 9-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

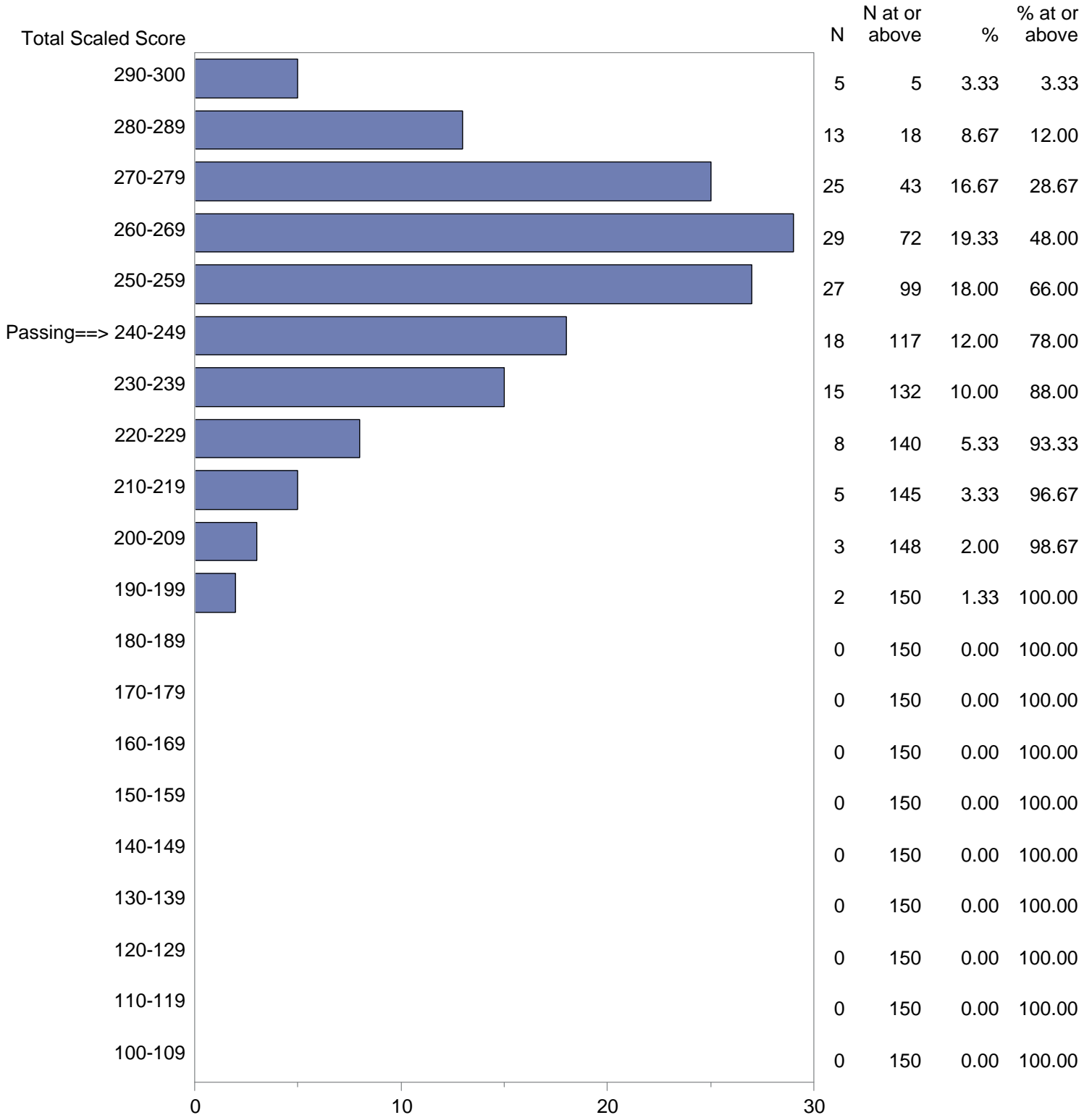
Test Field=061 Earth and Space Science (Grades 9-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2018 - August 31, 2019  
Total Scaled Score Distribution by Test Field (All Forms)

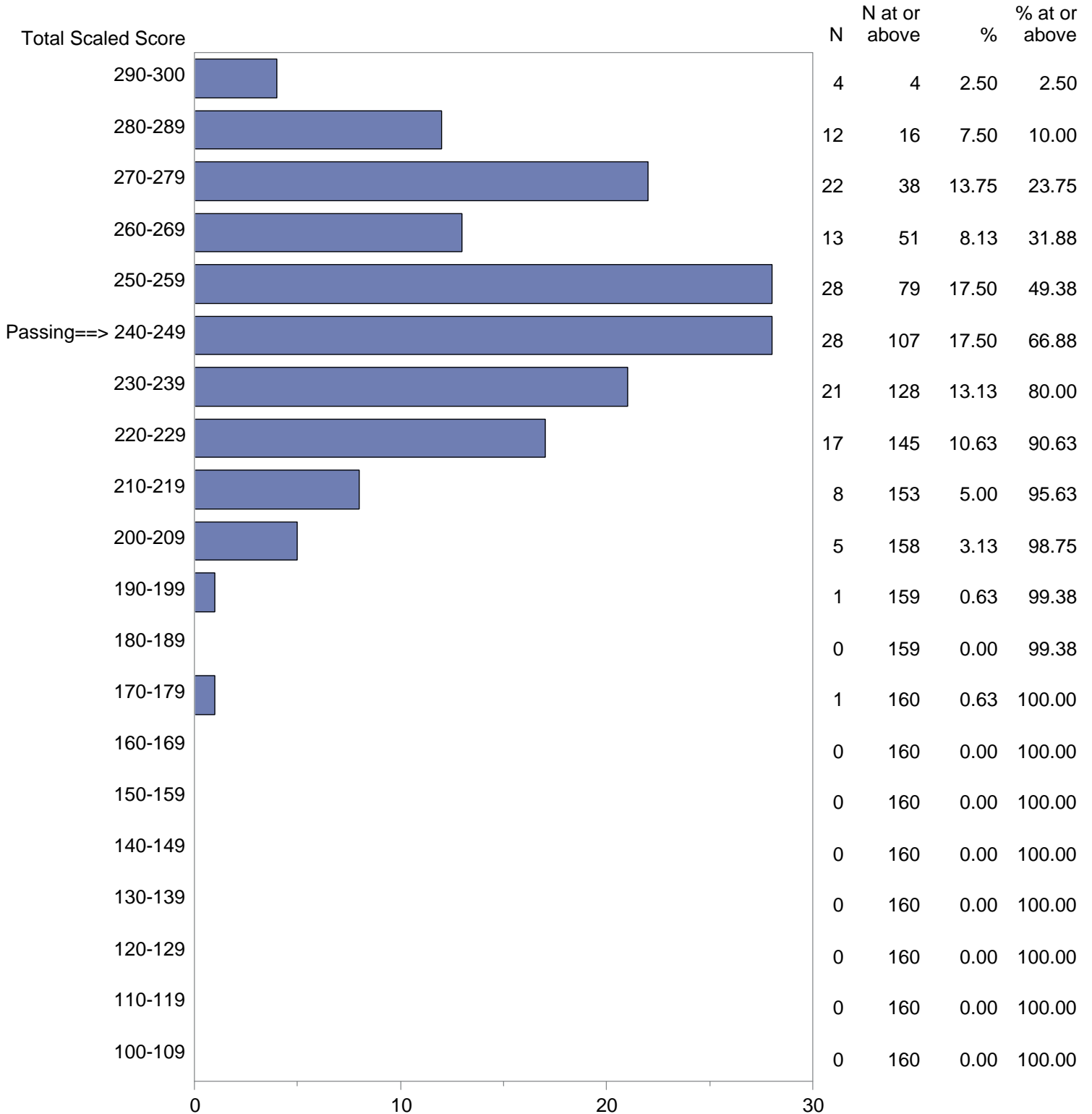
Test Field=062 Life Science (Grades 9-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

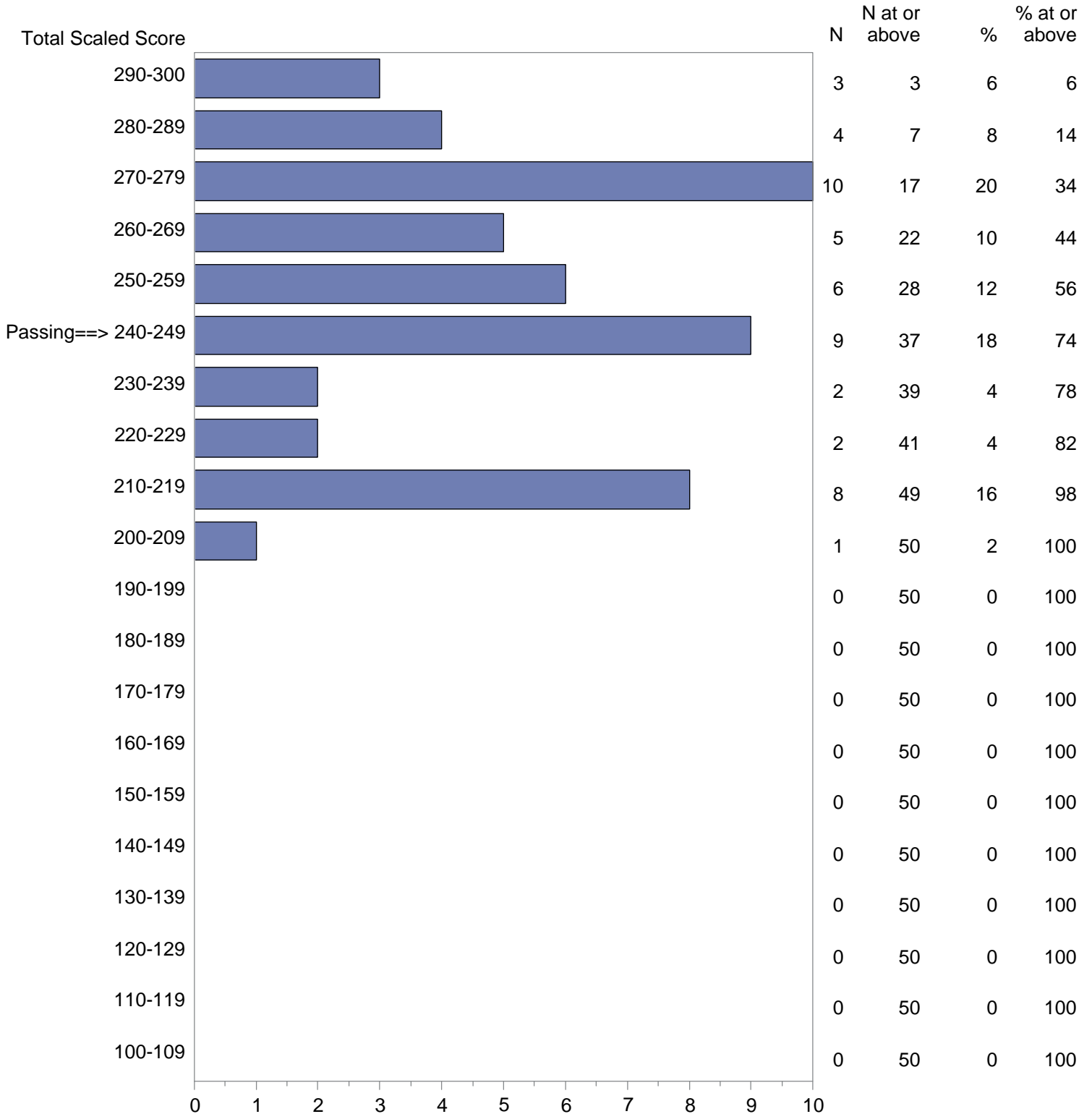
Test Field=063 Life Science (Grades 9-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

Test Field=064 Physics (Grades 9-12) Subtest 1

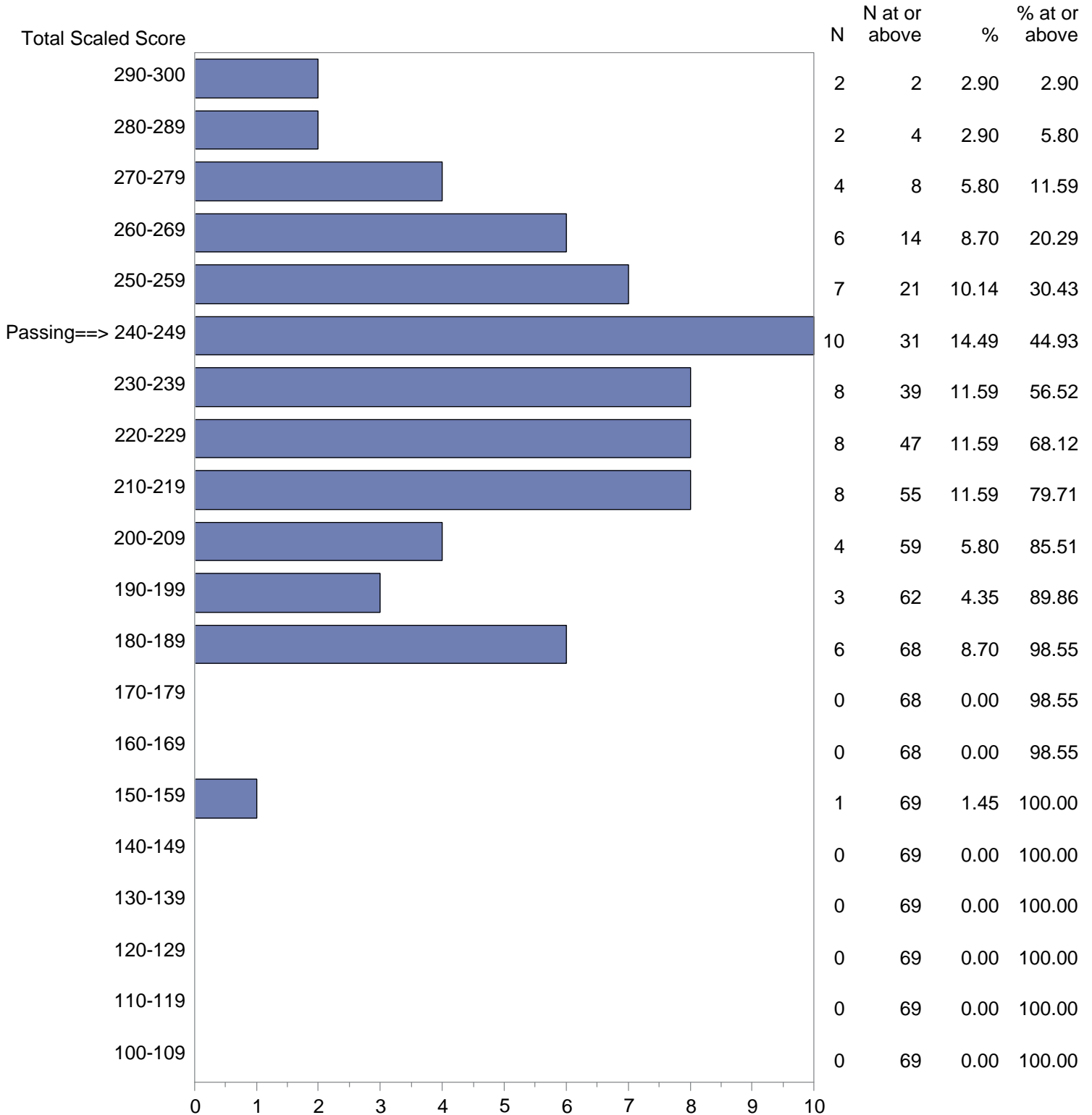


NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.



Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

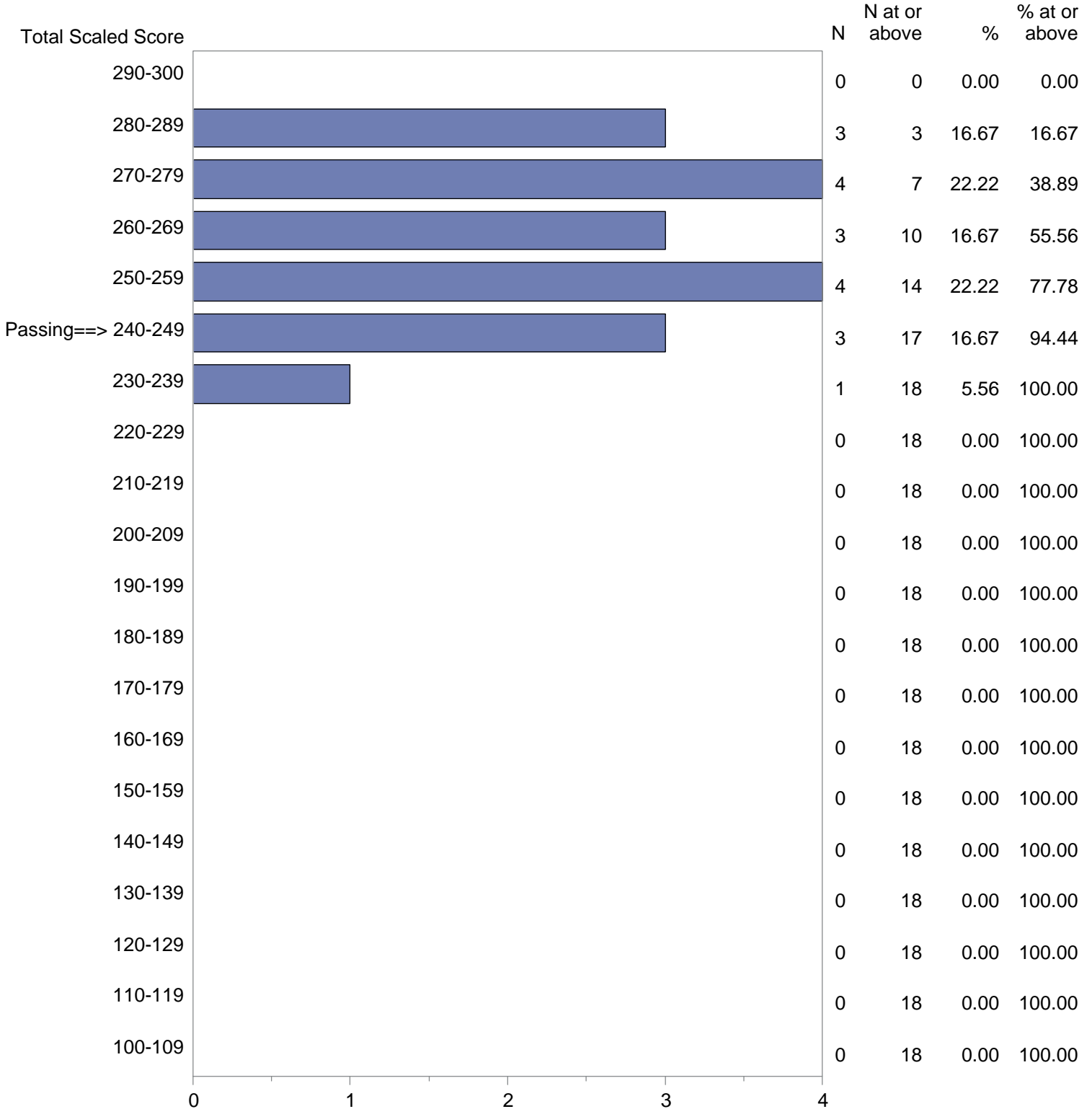
Test Field=065 Physics (Grades 9-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

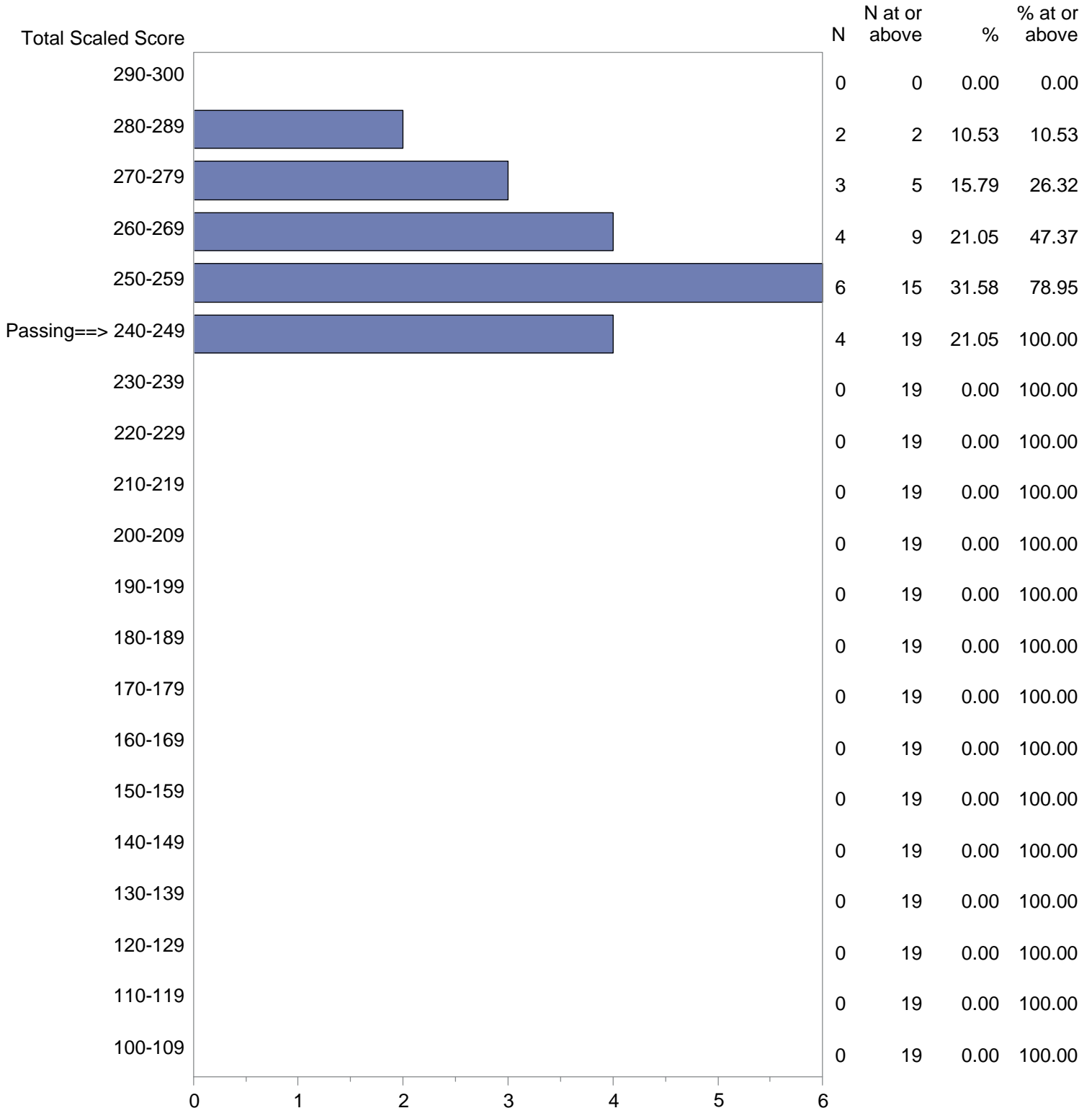
Test Field=080 Technology (Grades 5-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

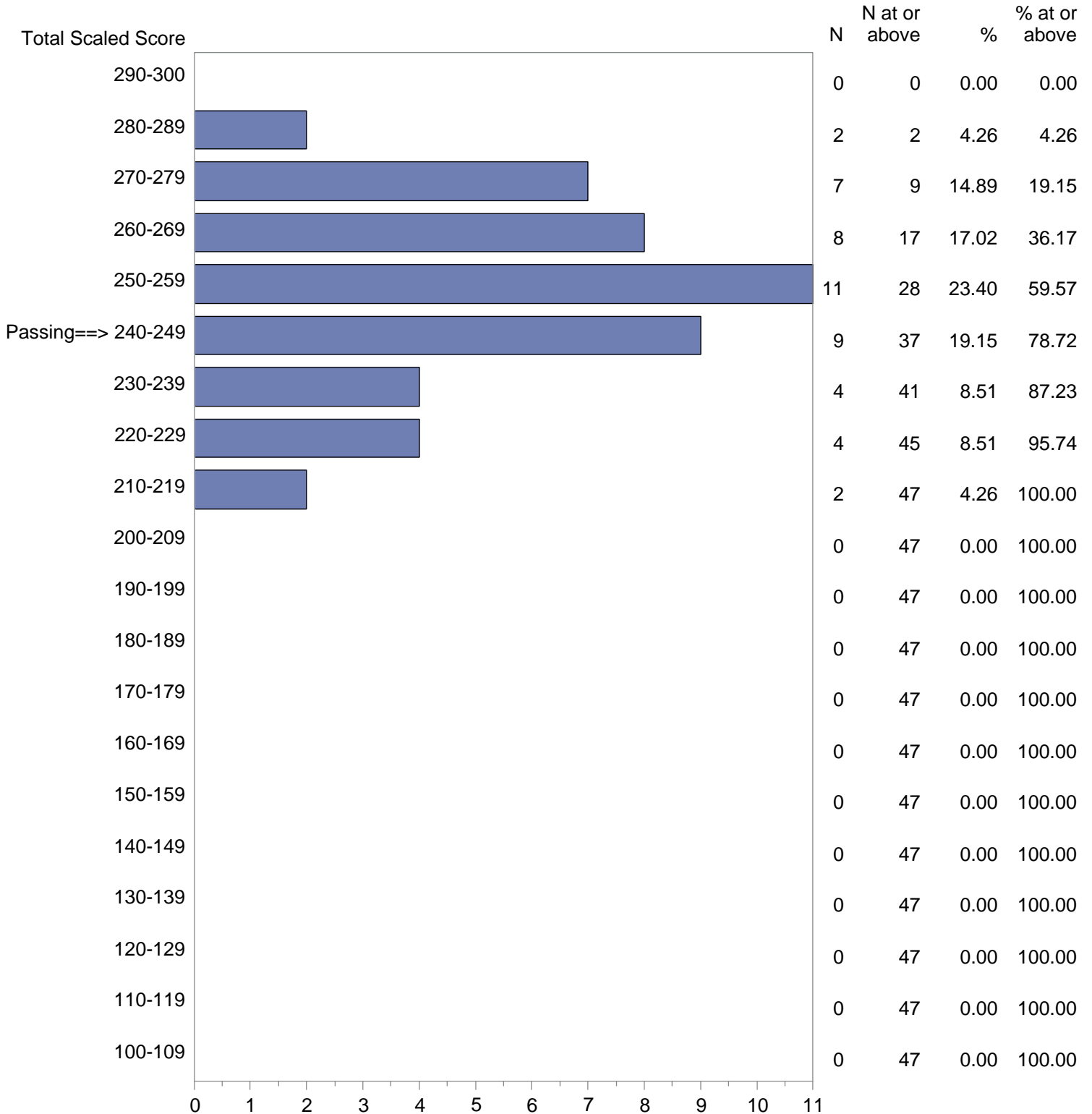
Test Field=081 Technology (Grades 5-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

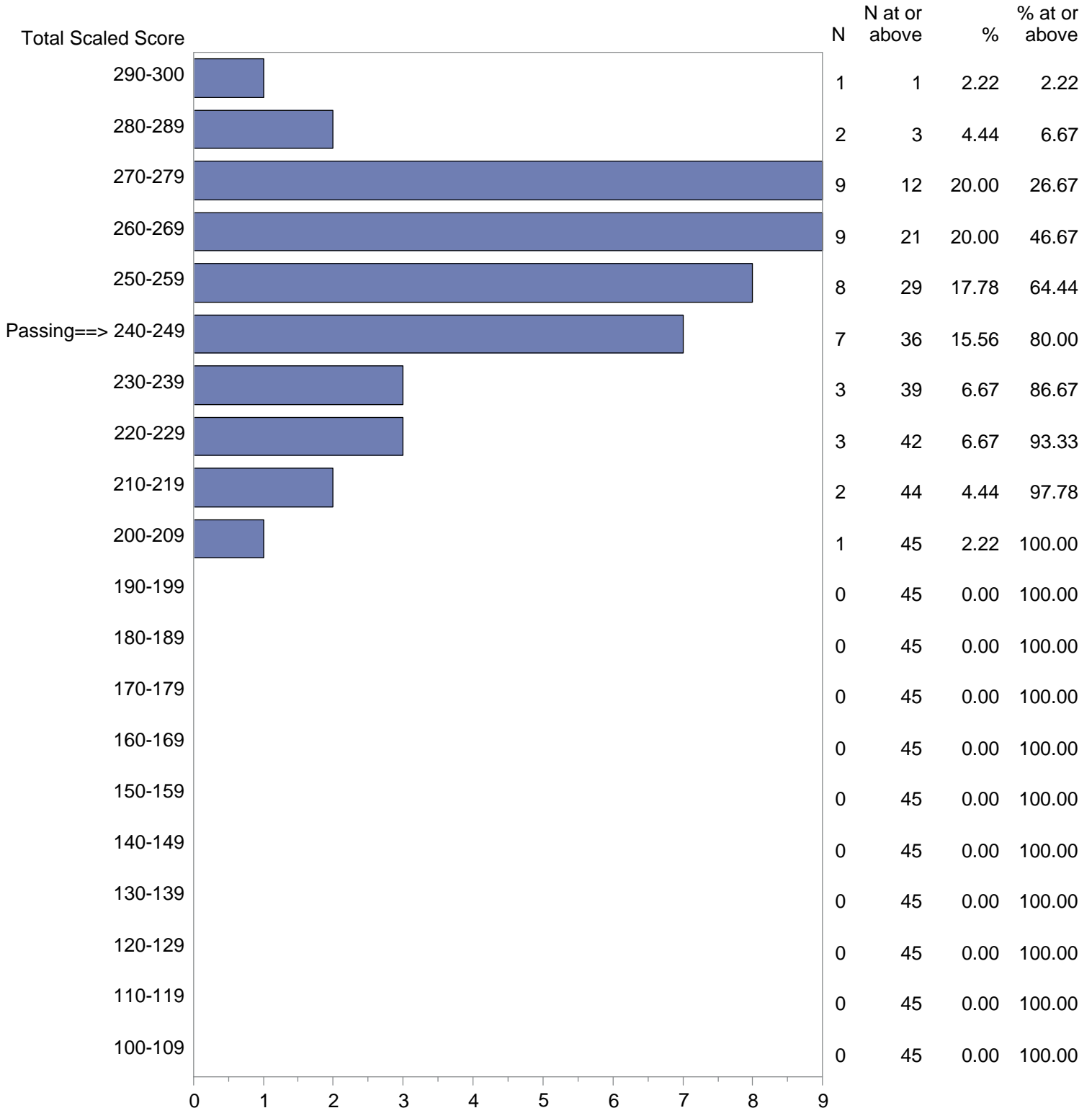
Test Field=082 Business (Grades 5-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

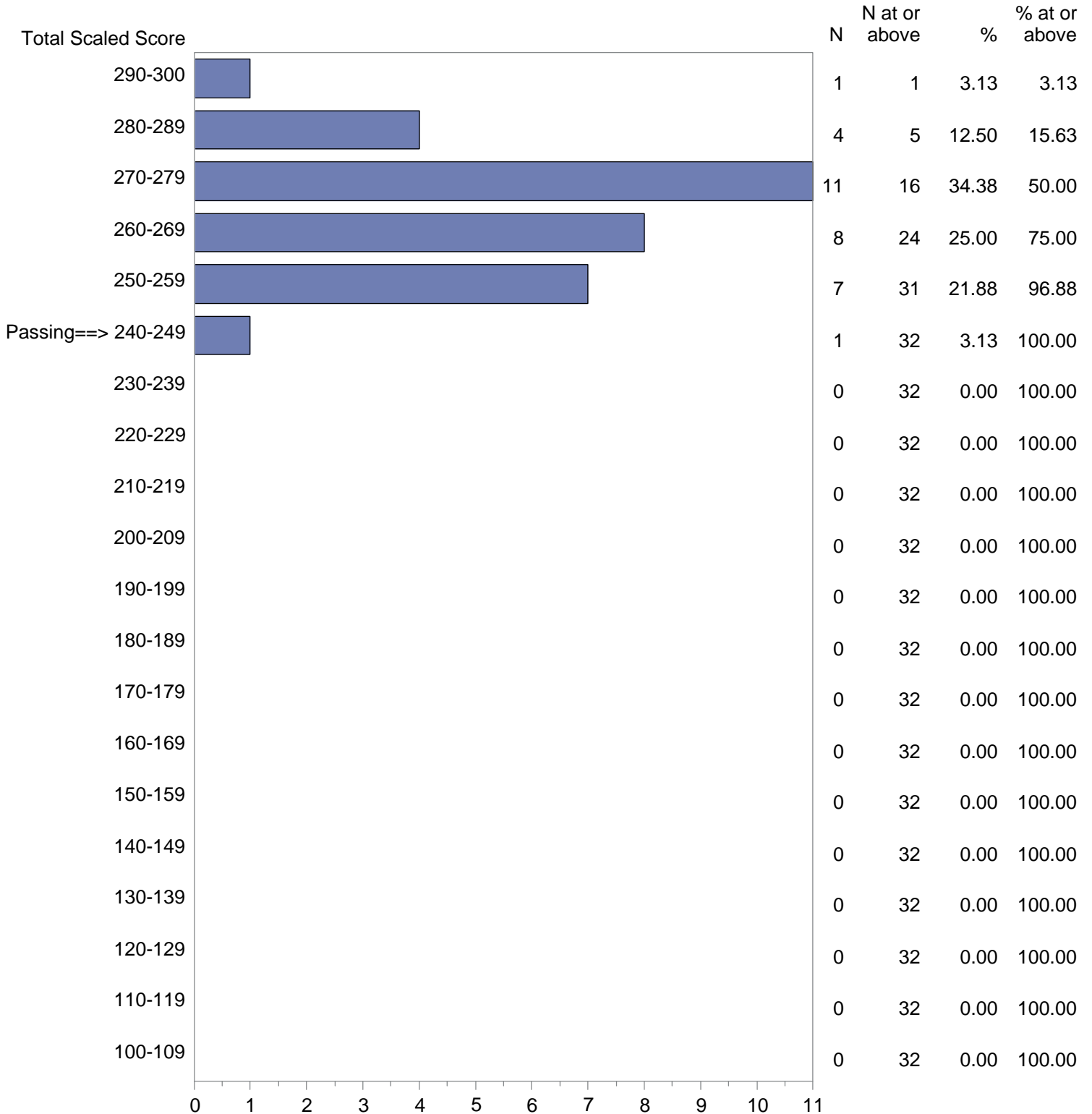
Test Field=083 Business (Grades 5-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

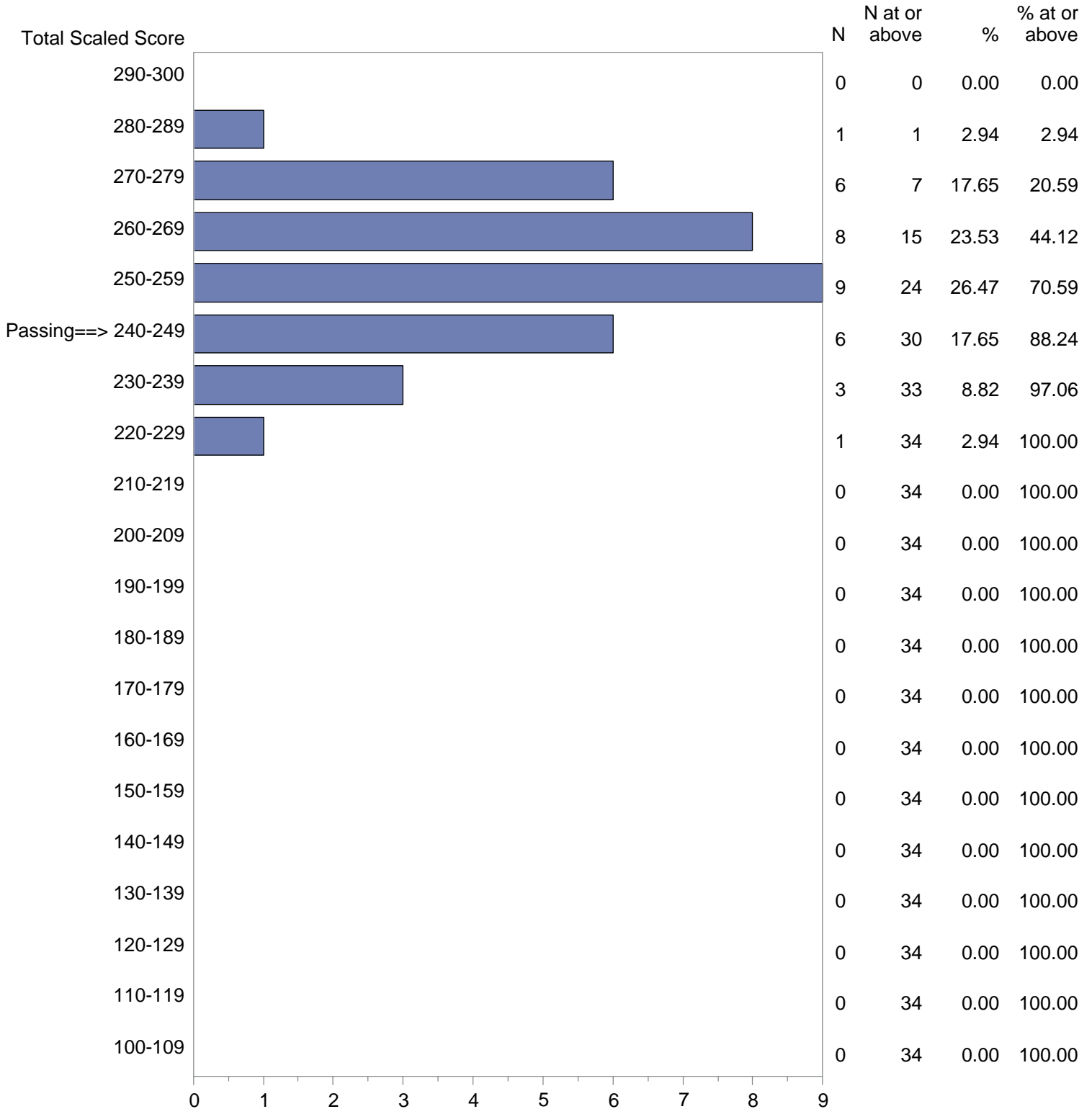
Test Field=084 Family and Consumer Sciences (Grades 5-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

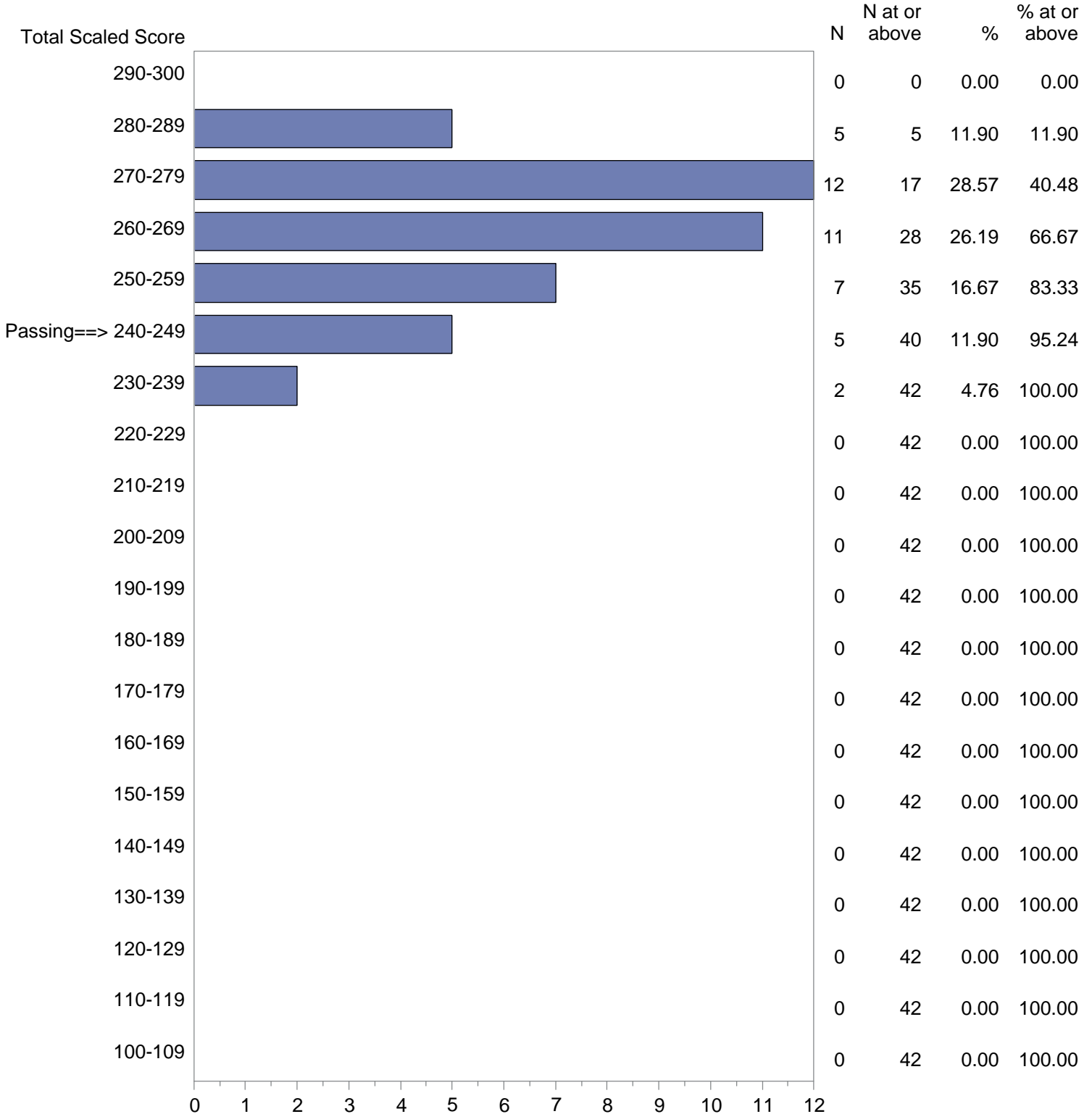
Test Field=085 Family and Consumer Sciences (Grades 5-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

Test Field=086 Agricultural Education (Grades 5-12) Subtest 1

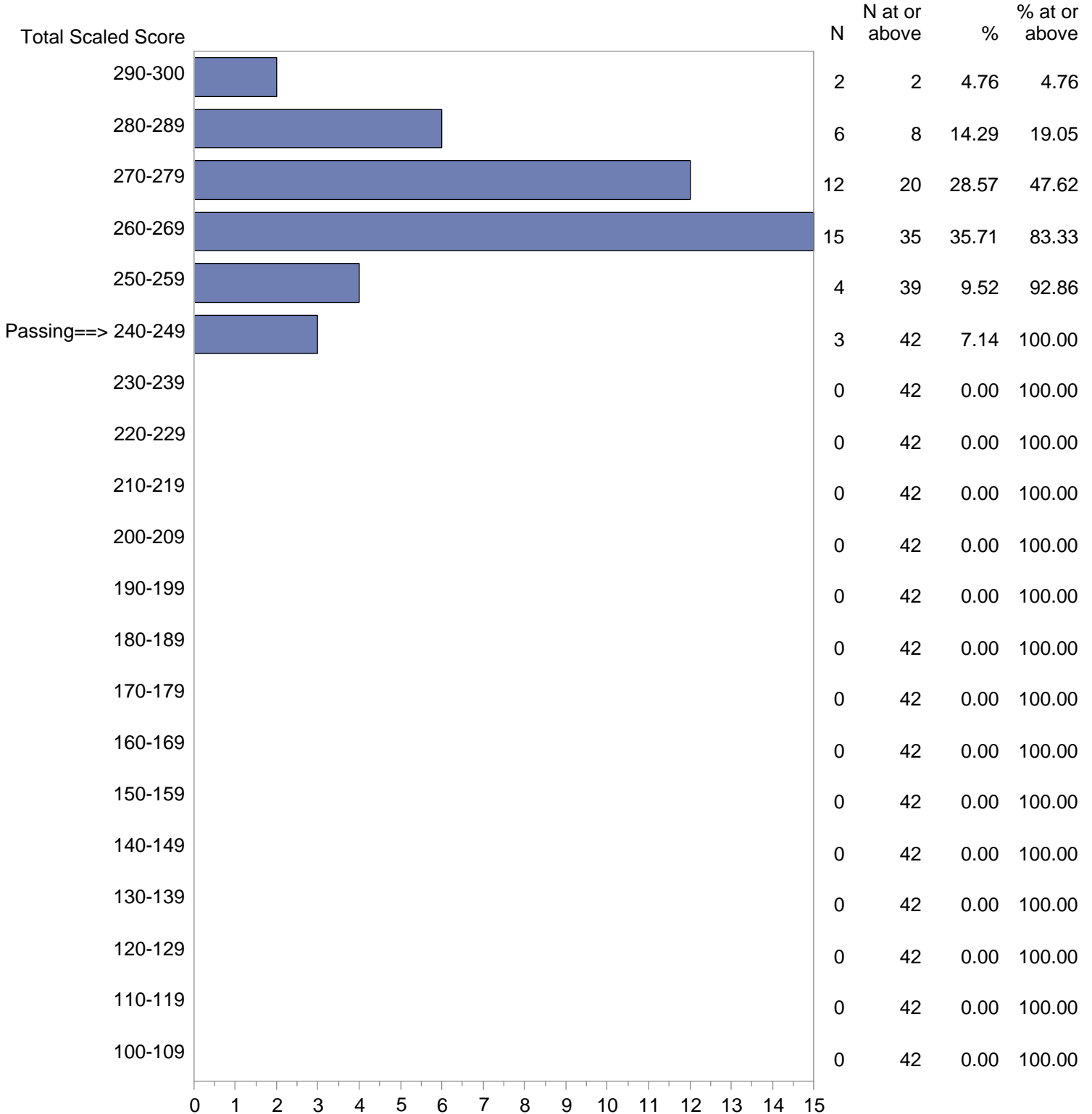


NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.



Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

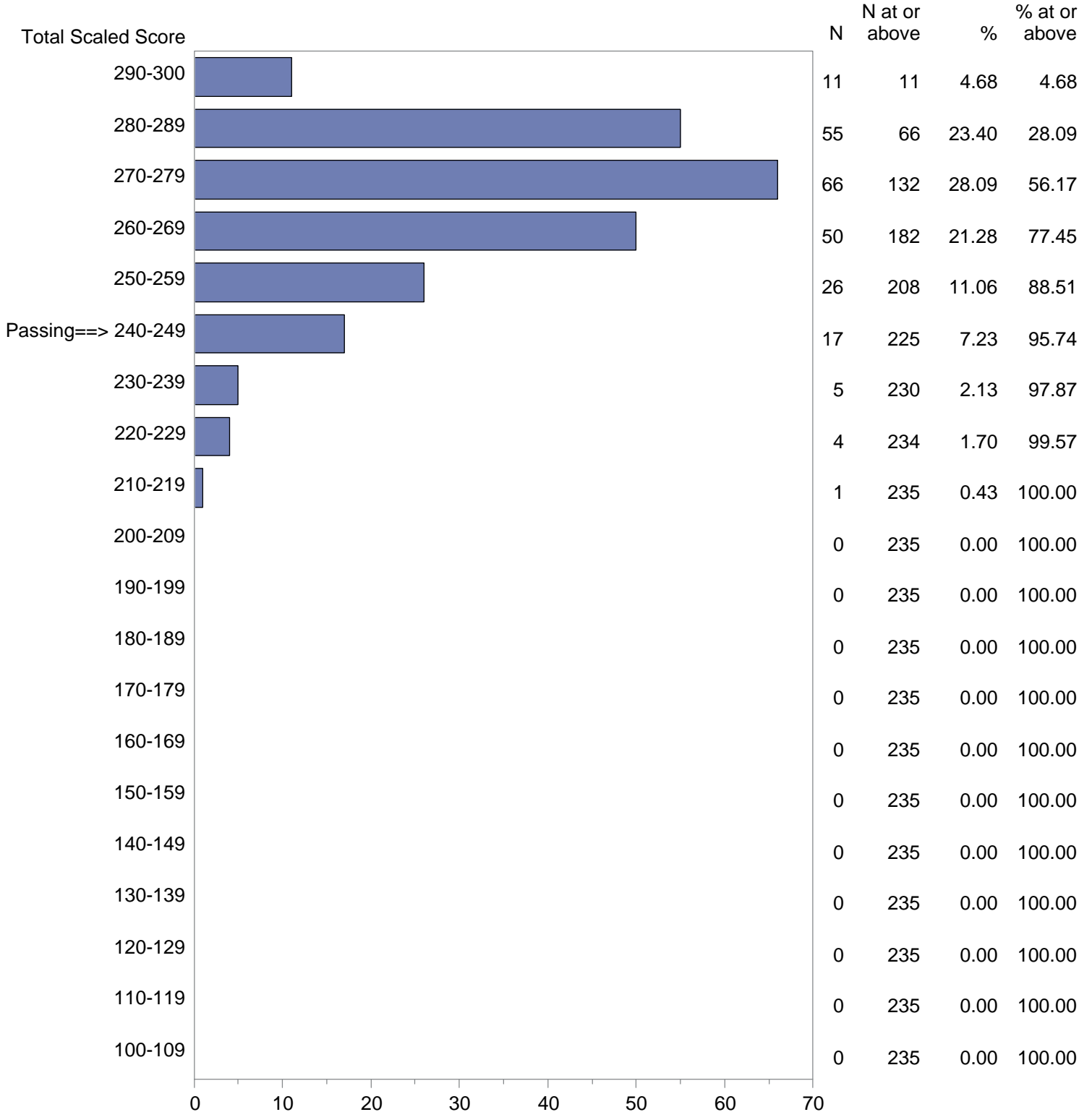
Test Field=087 Agricultural Education (Grades 5-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

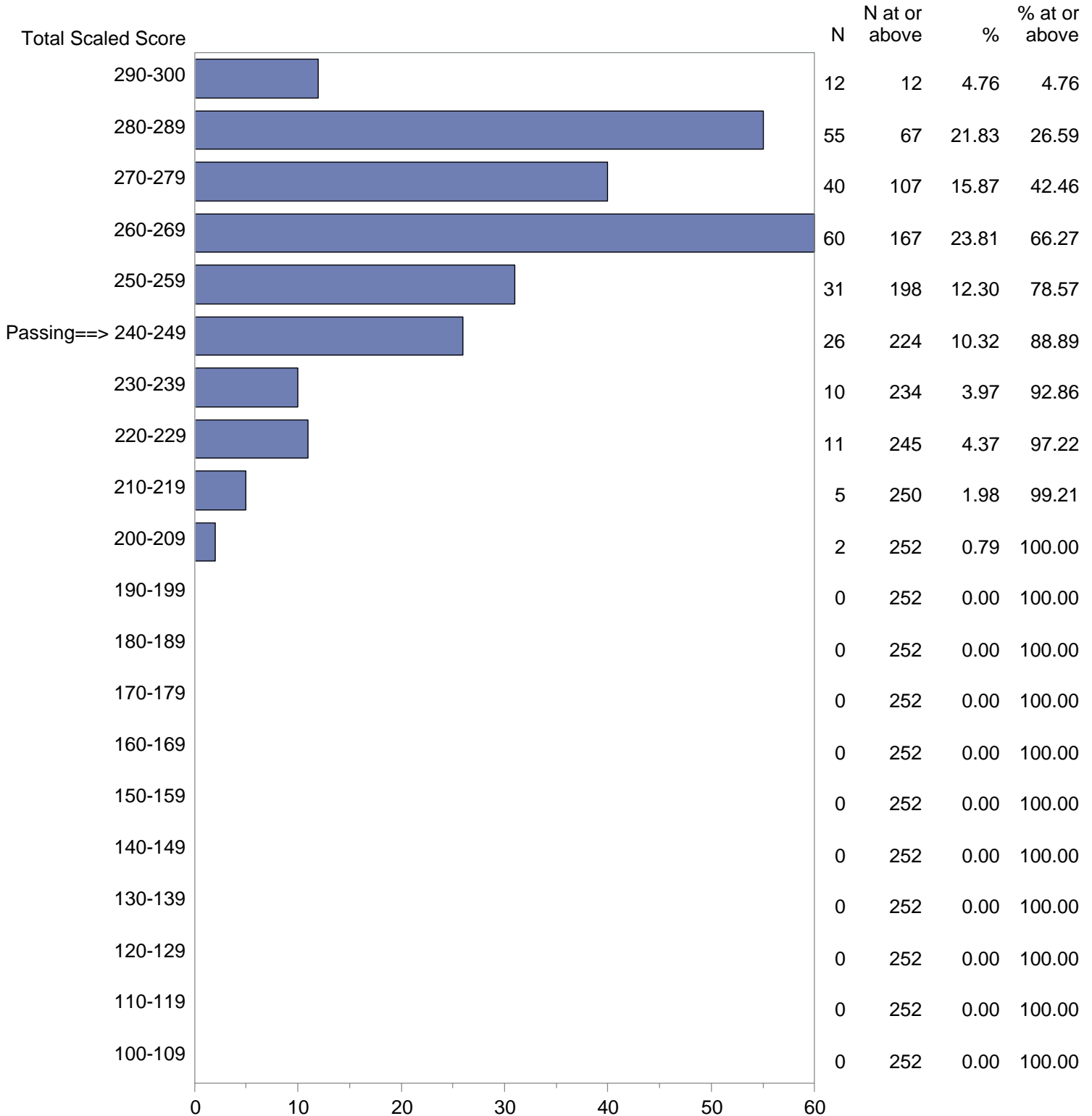
Test Field=100 Reading Teacher (Grades K-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

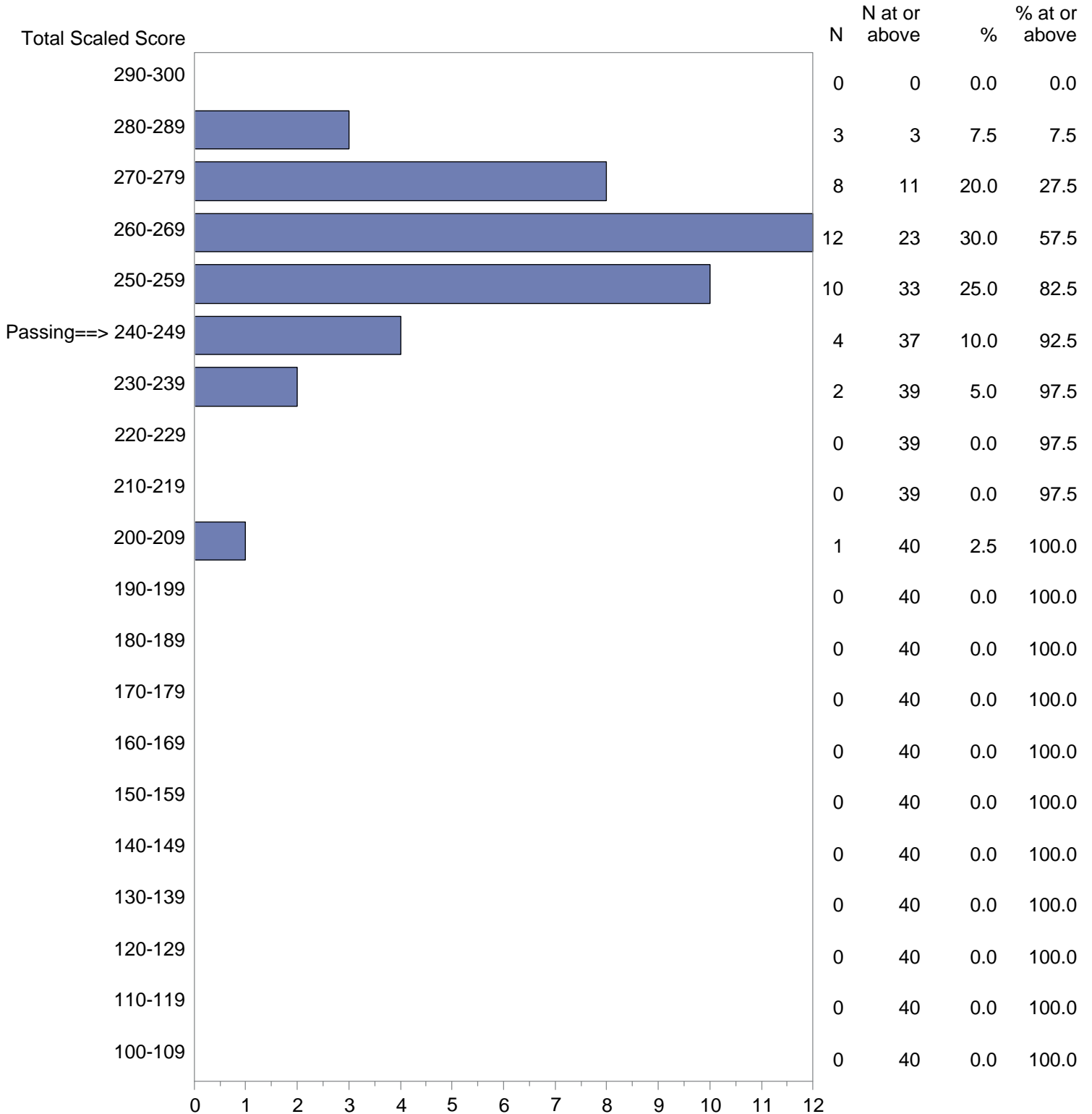
Test Field=101 Reading Teacher (Grades K-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

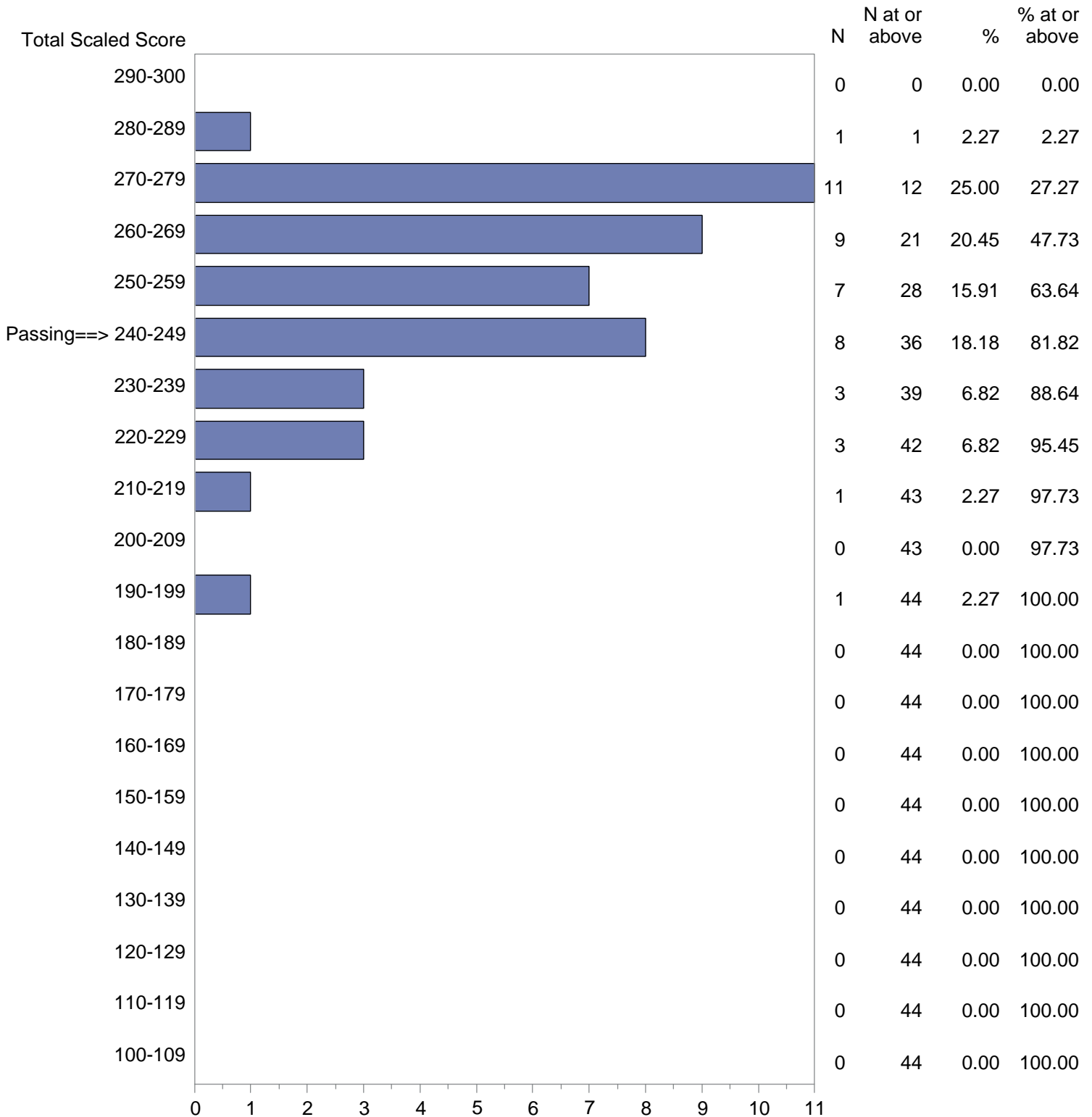
Test Field=102 Library Media Specialist (Grades K-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

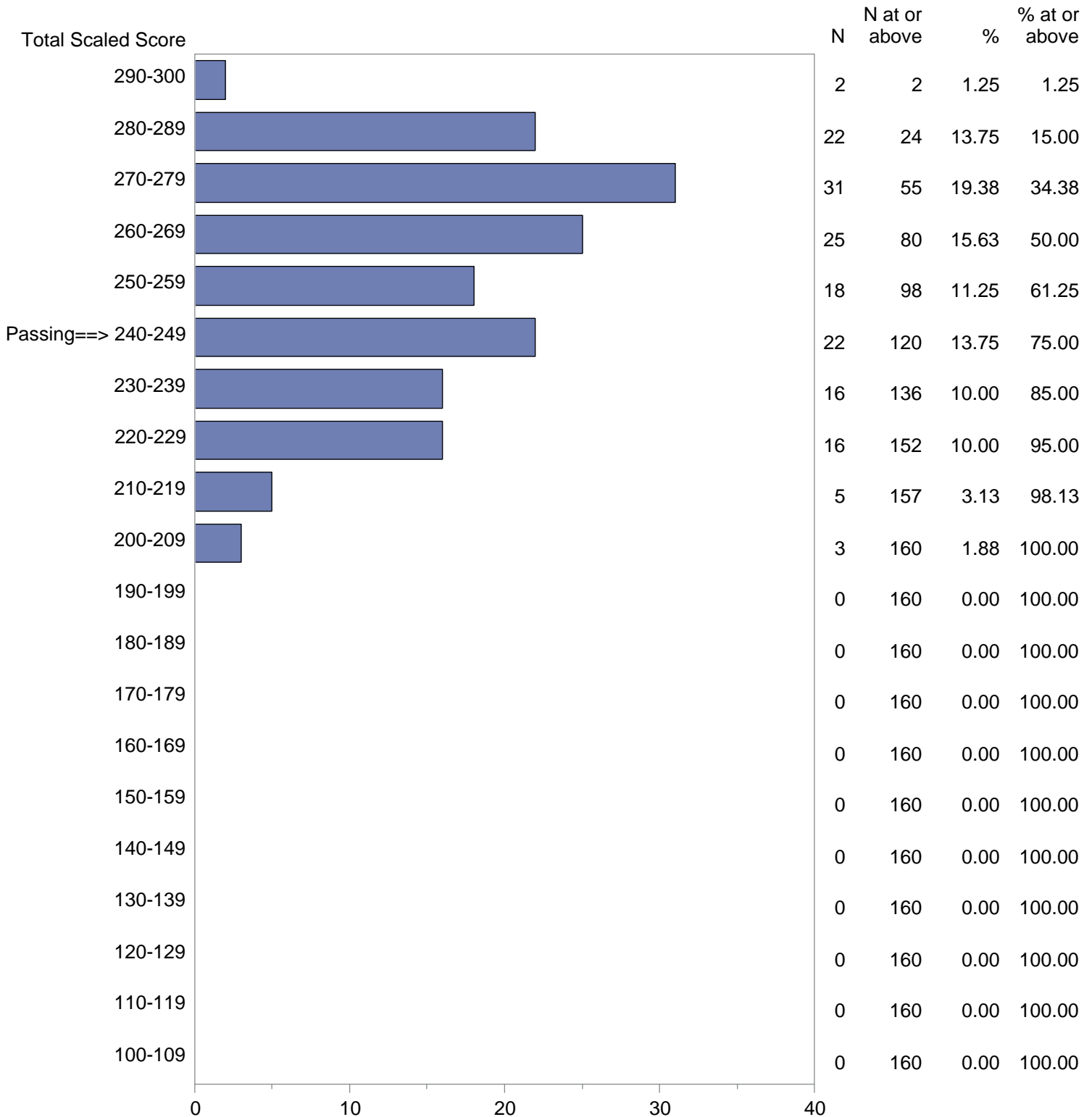
Test Field=103 Library Media Specialist (Grades K-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

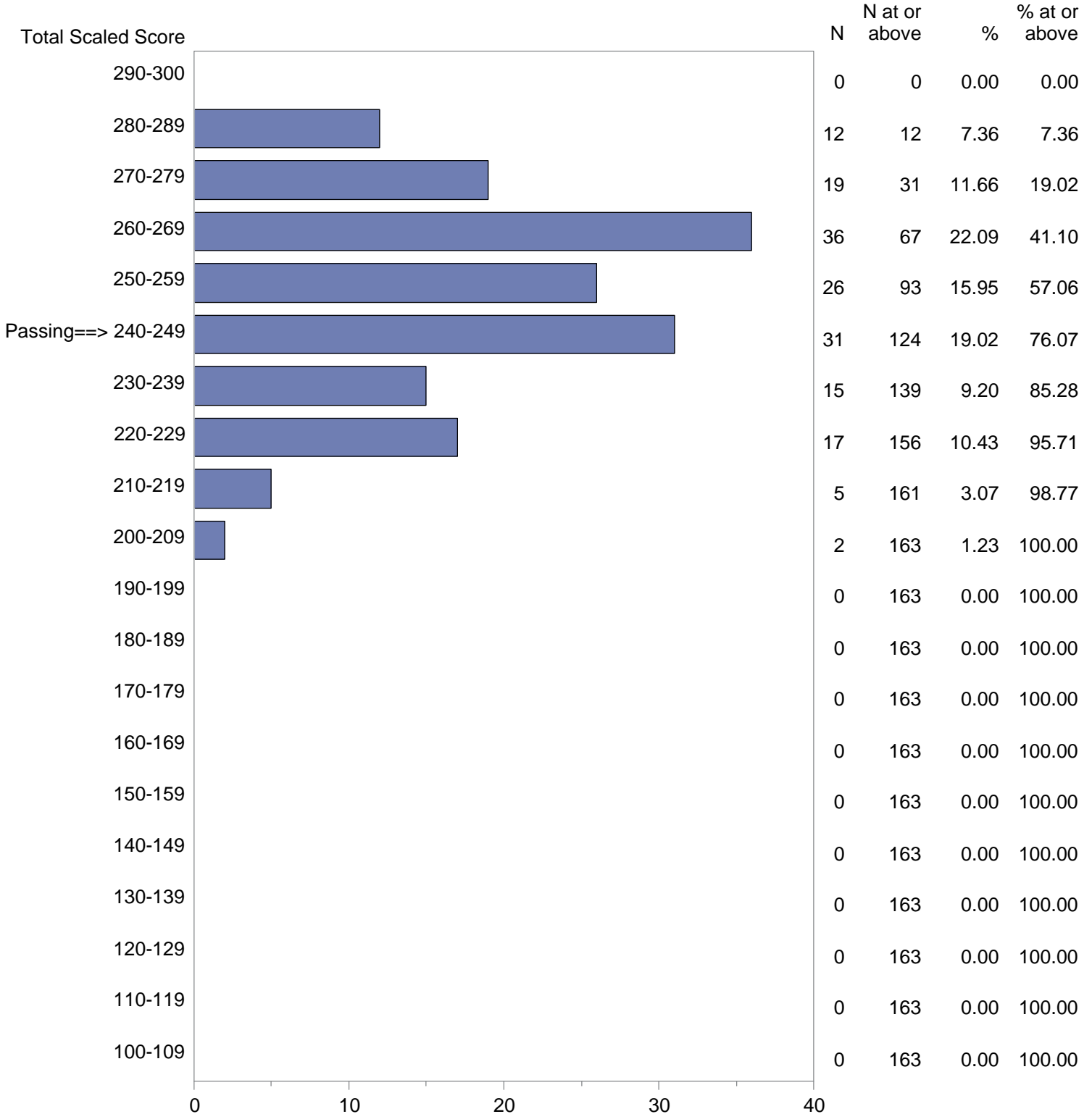
Test Field=104 Visual Arts (Grades K-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

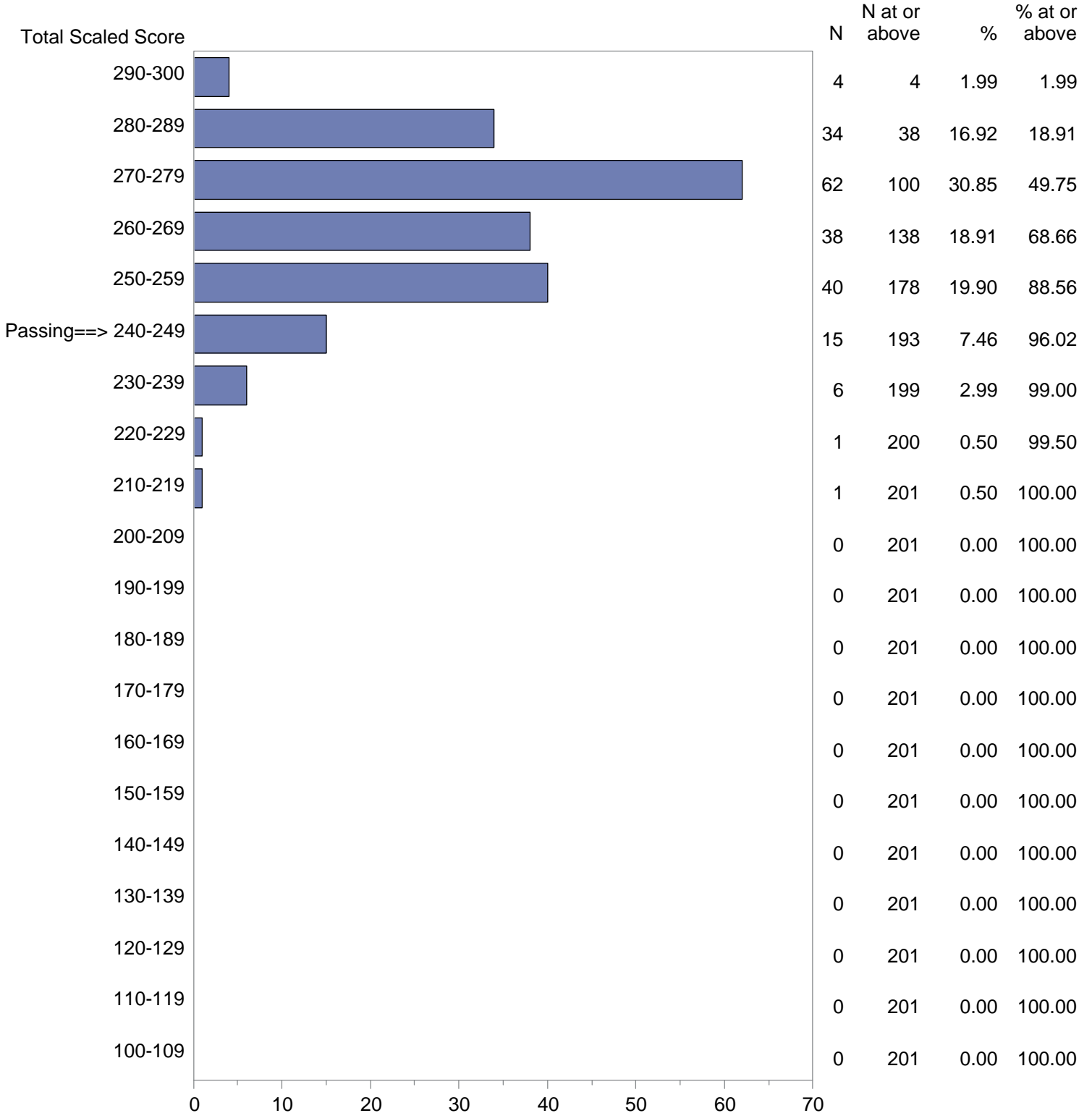
Test Field=105 Visual Arts (Grades K-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

Test Field=106 Instrumental and Vocal Classroom Music (Grades K-12) Subtest 1

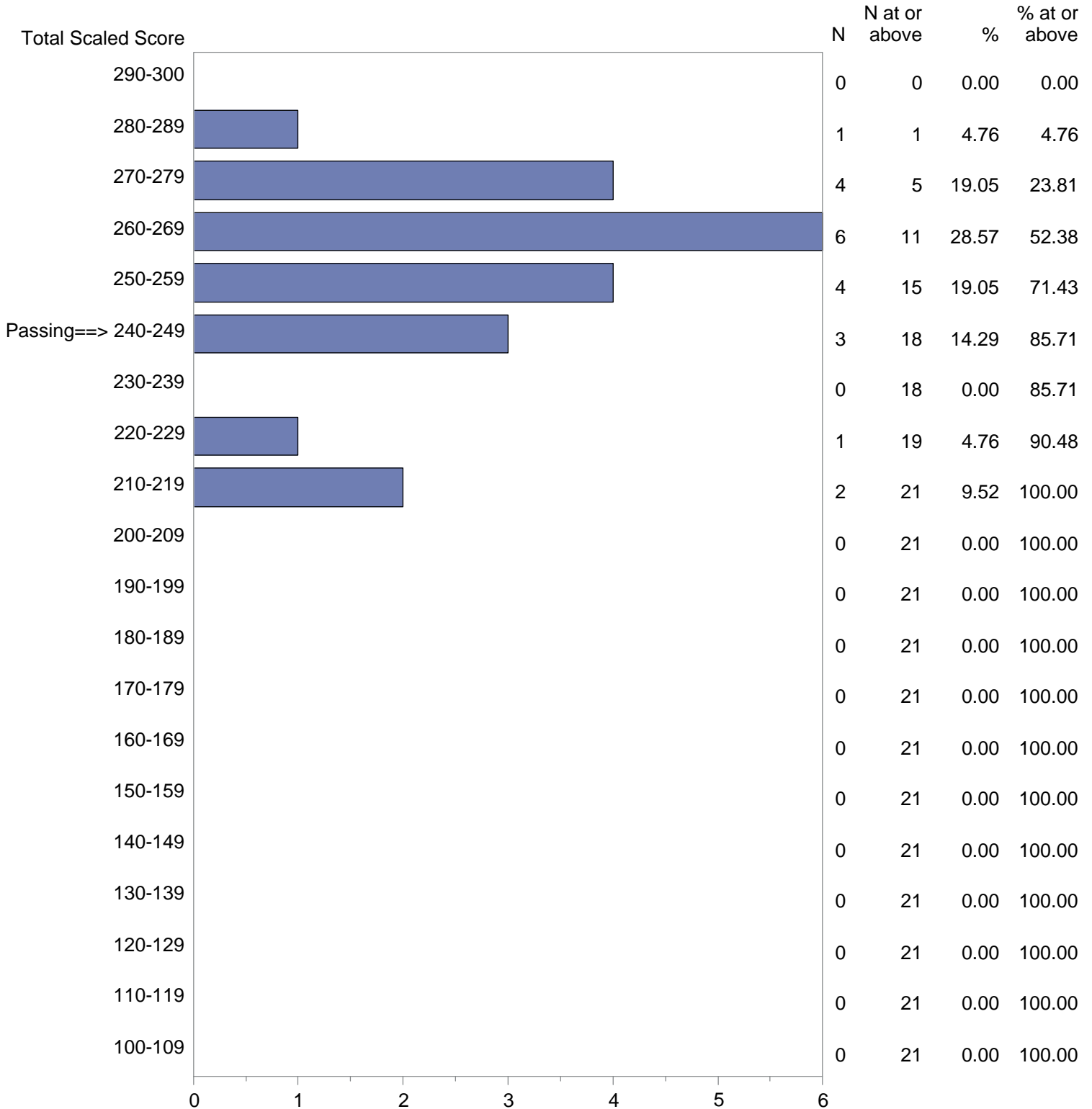


NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.



Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

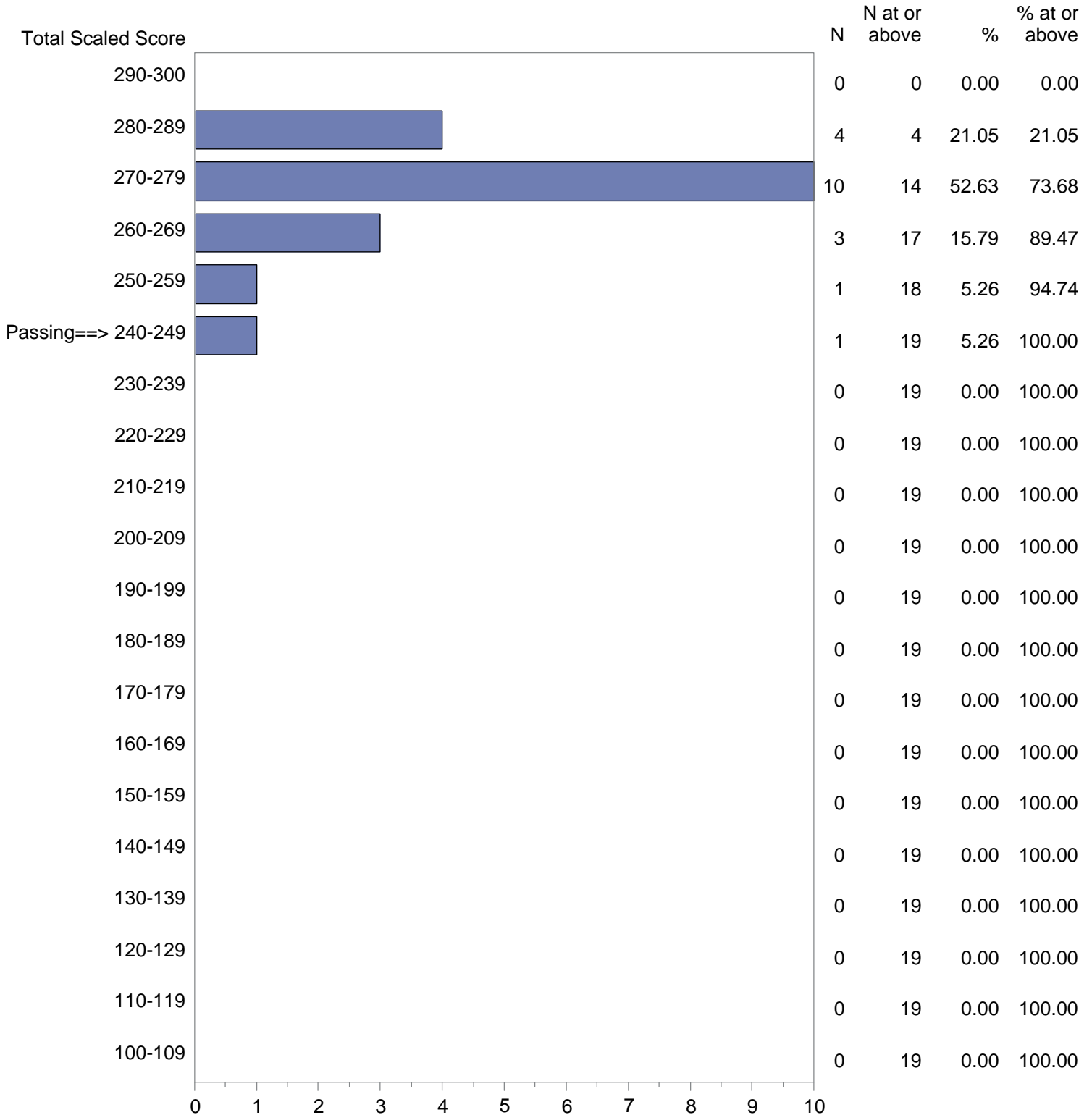
Test Field=108 Theatre (Grades K-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

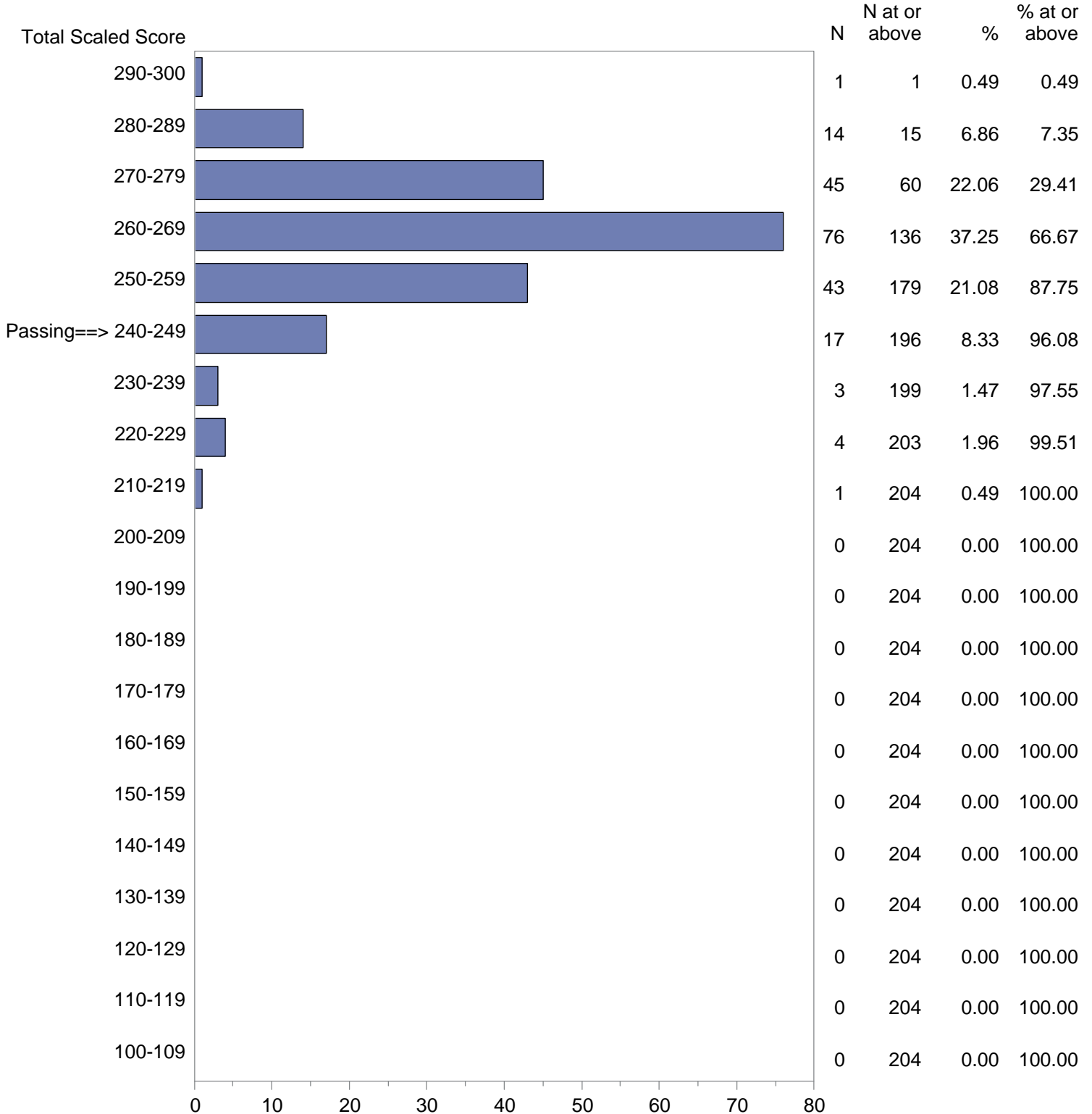
Test Field=109 Theatre (Grades K-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

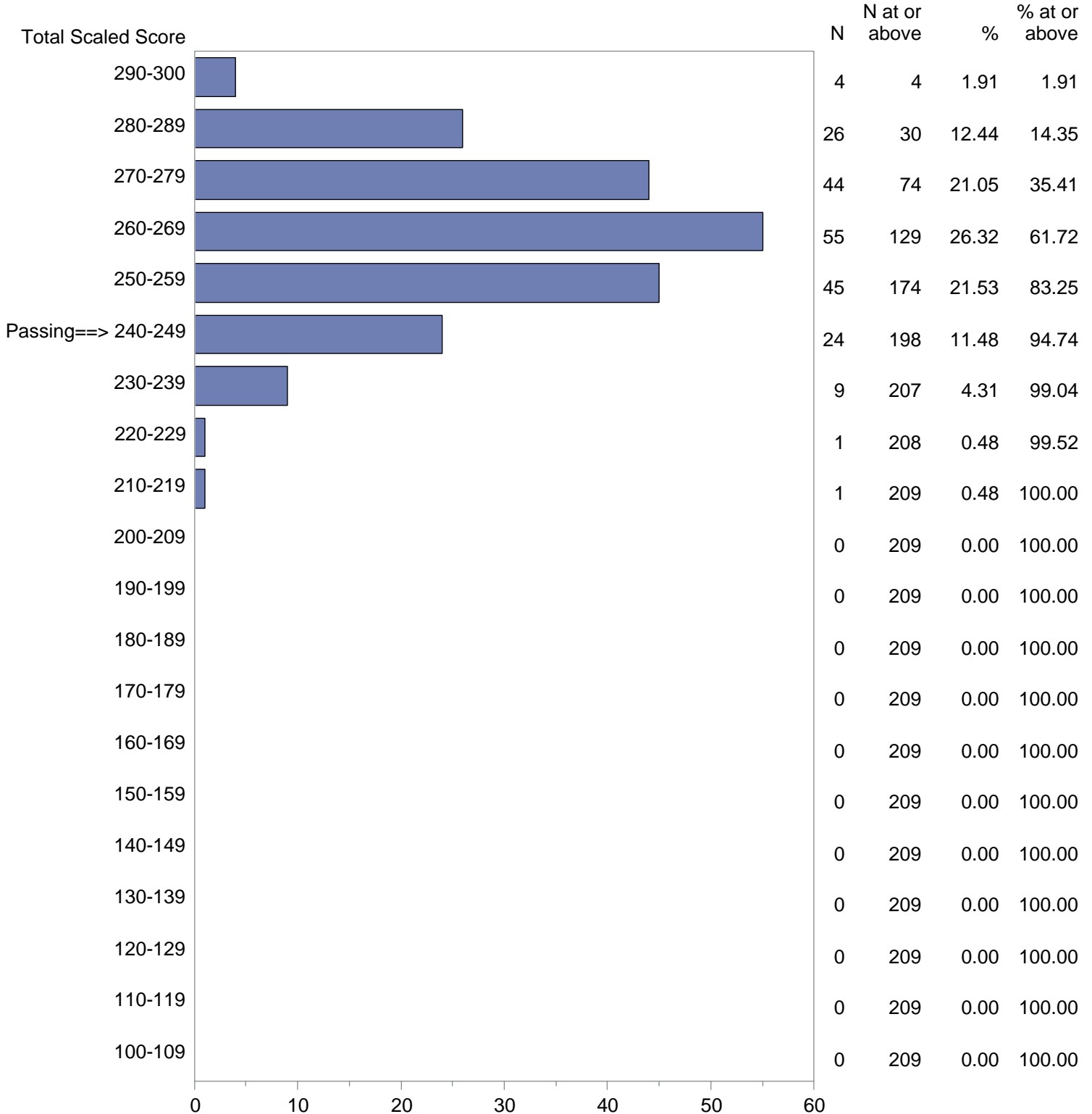
Test Field=112 Physical Education (Grades K-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

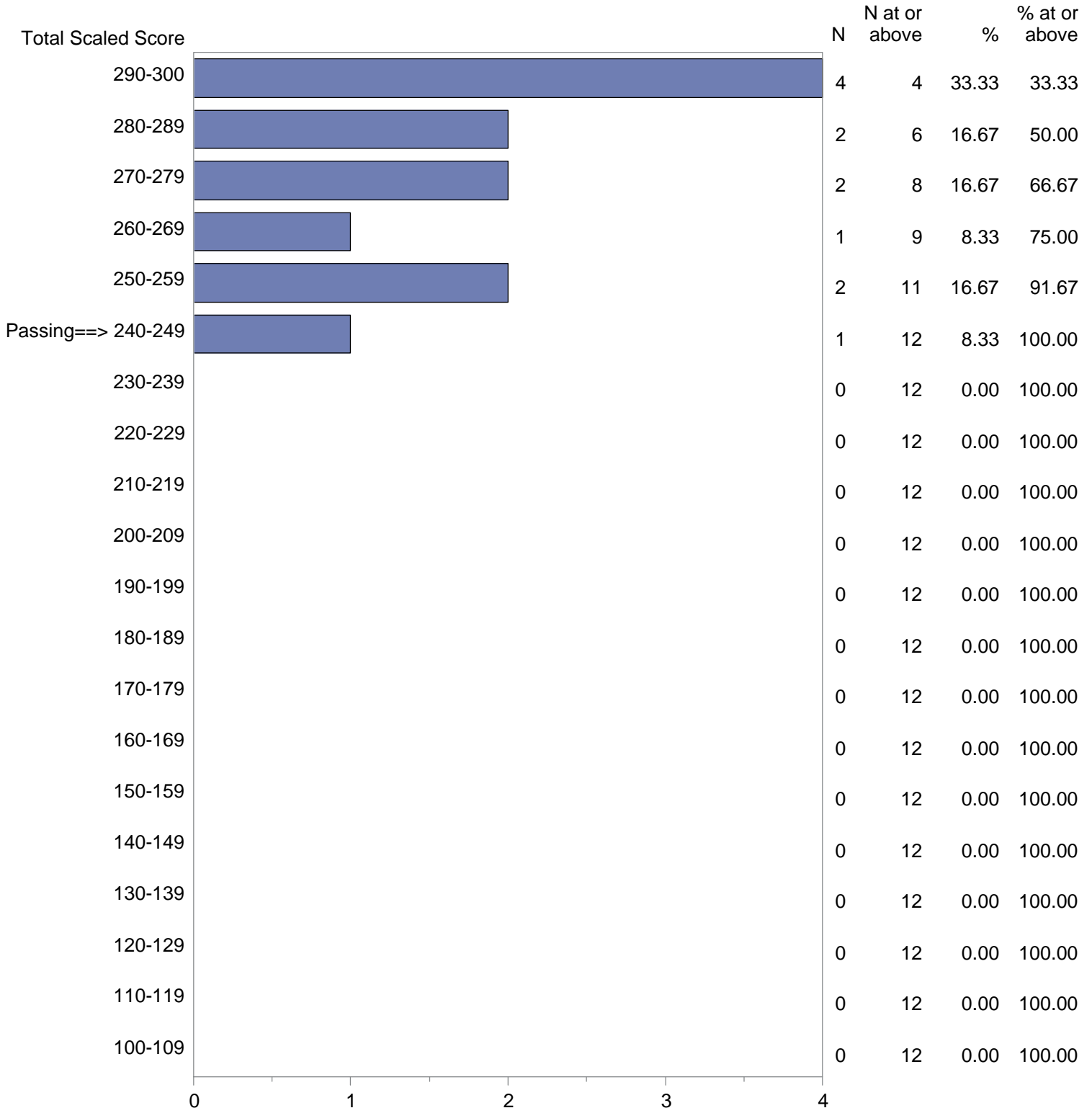
Test Field=113 Physical Education (Grades K-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

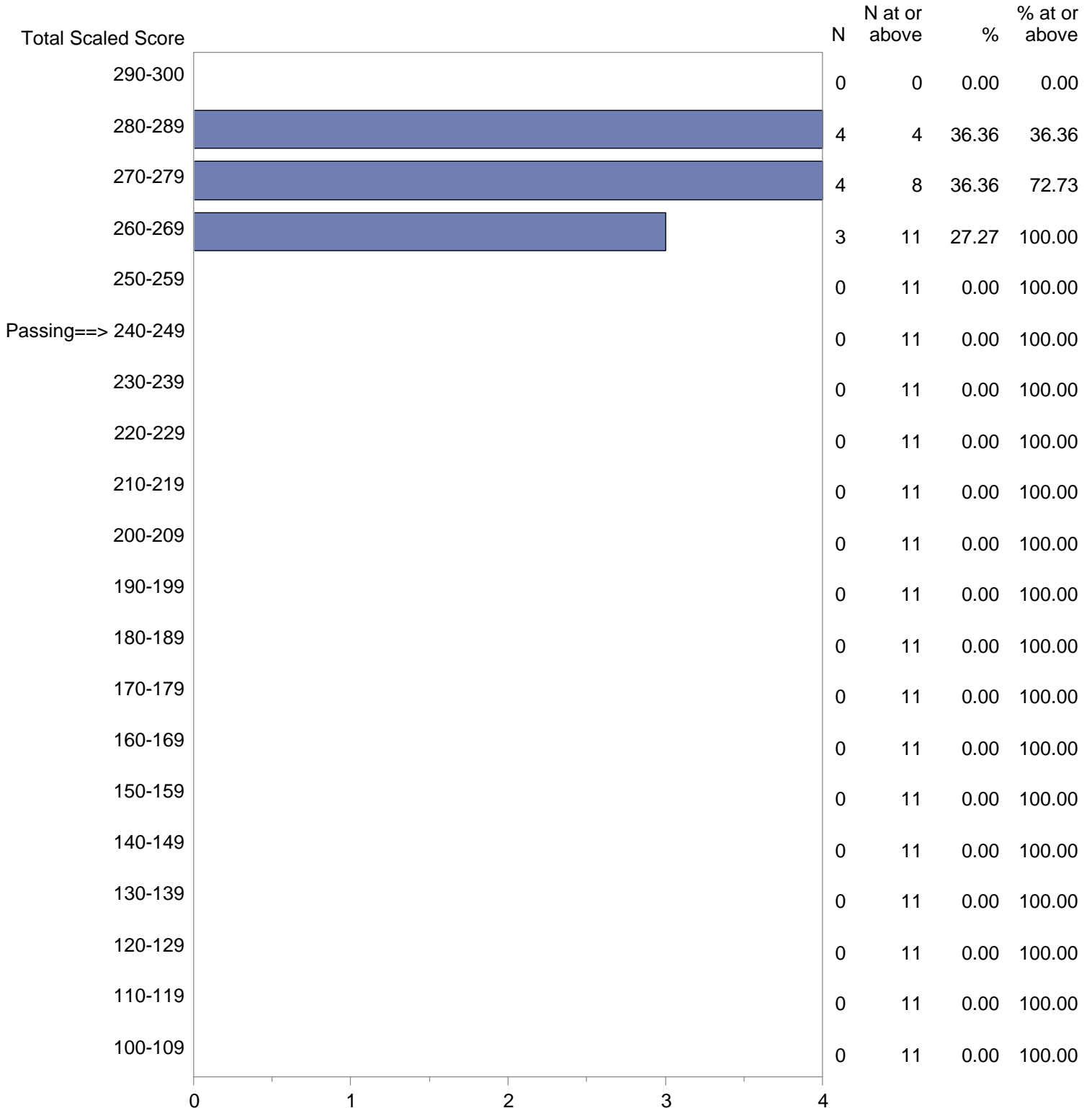
Test Field=130 Computer, Keyboarding, and Related Technology (Grades K-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

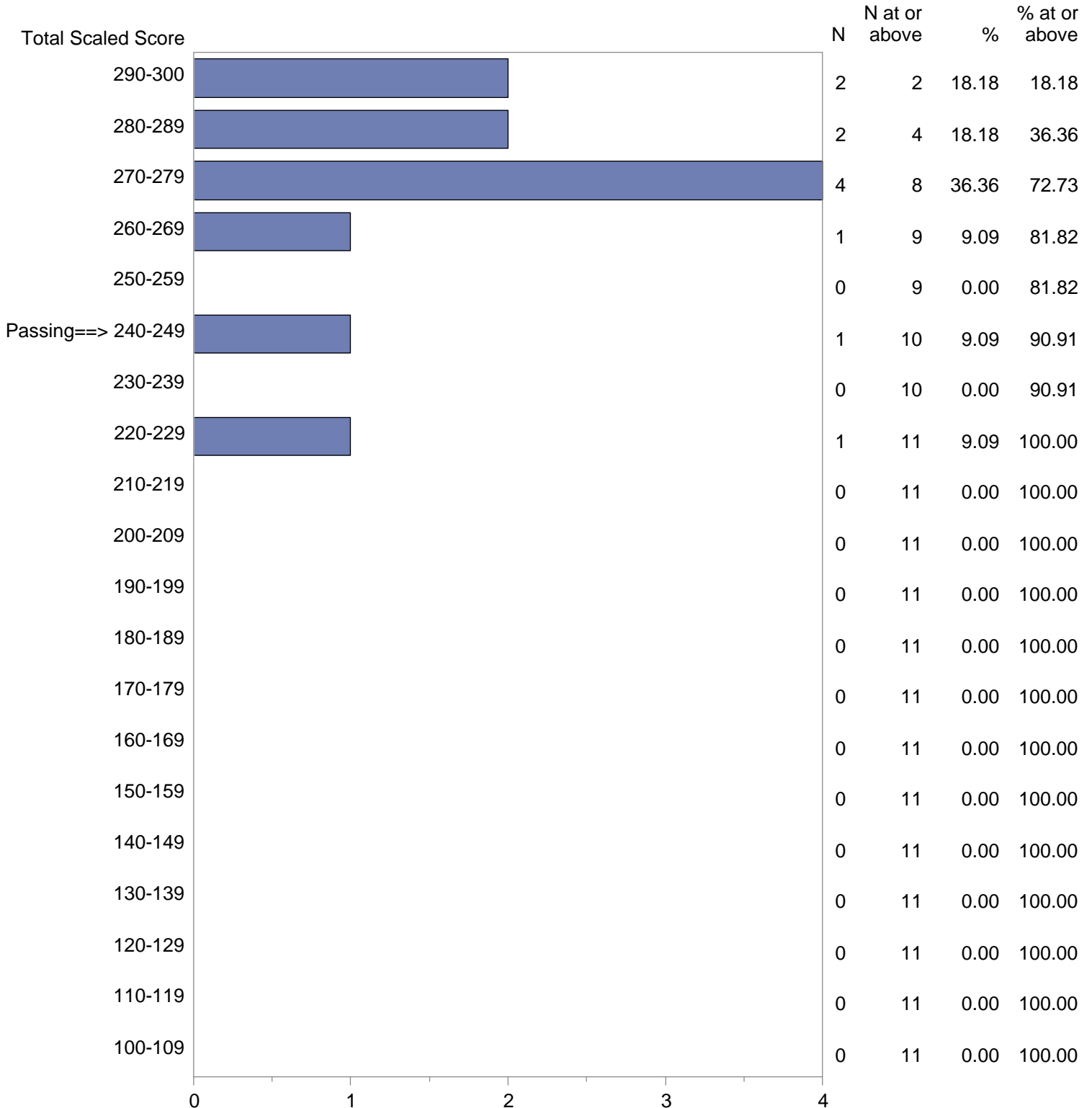
Test Field=131 Computer, Keyboarding, and Related Technology (Grades K-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

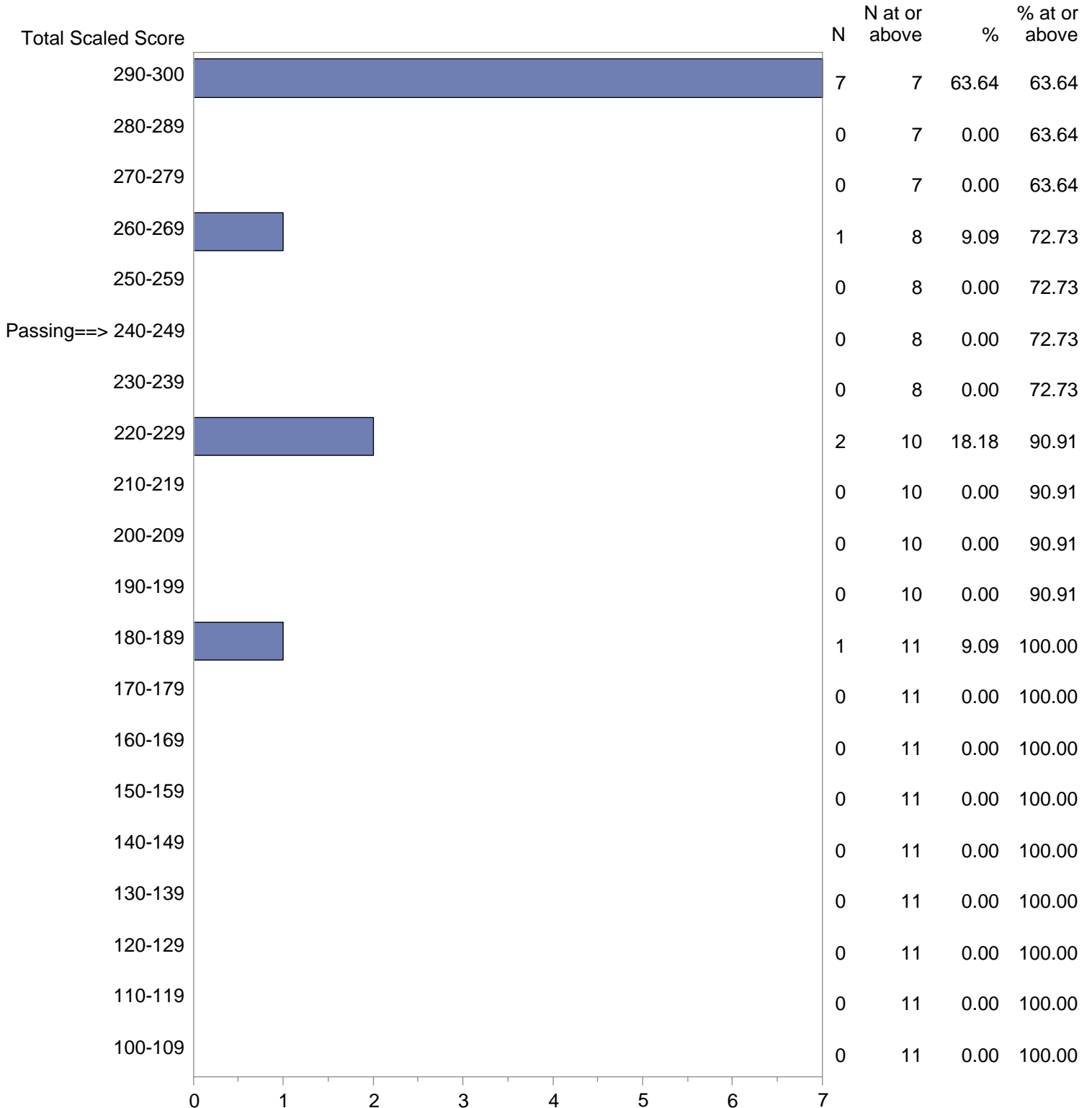
Test Field=158 World Language and Culture: Chinese (Mandarin) (Grades K-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

Test Field=159 World Language and Culture: Chinese (Mandarin) (Grades K-12) Subtest 2

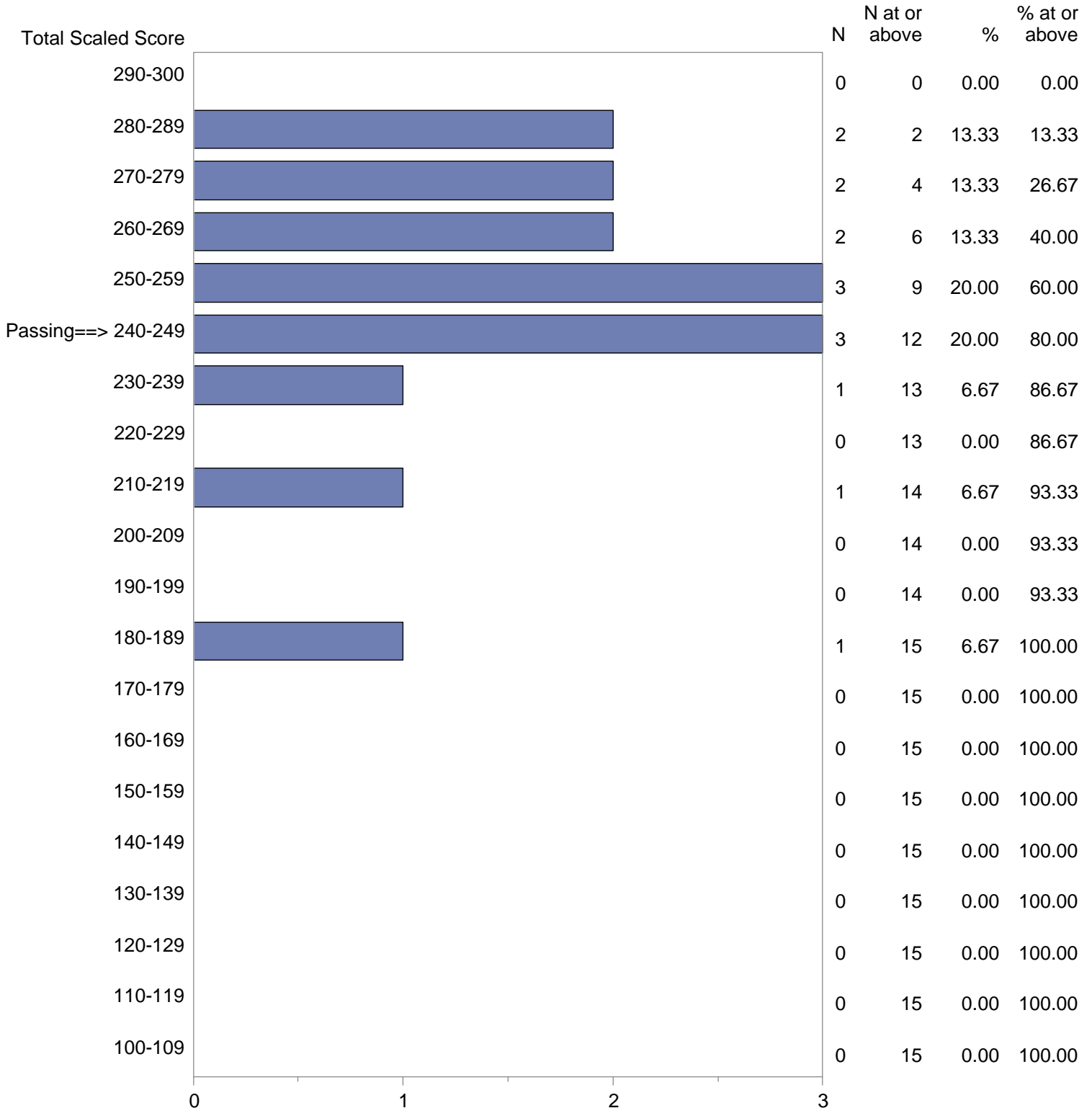


NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.



Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

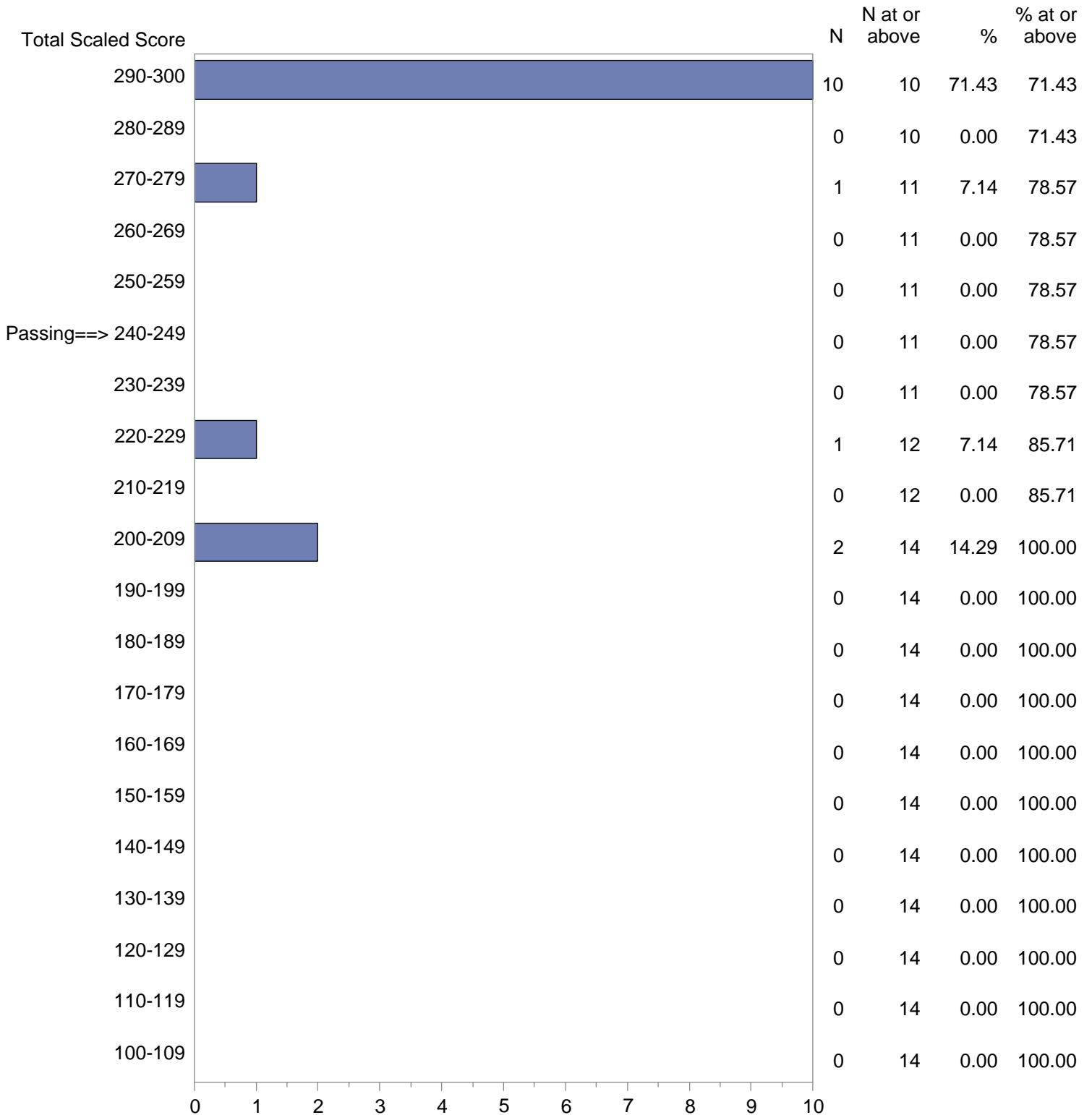
Test Field=160 World Language and Culture: French (Grades K-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

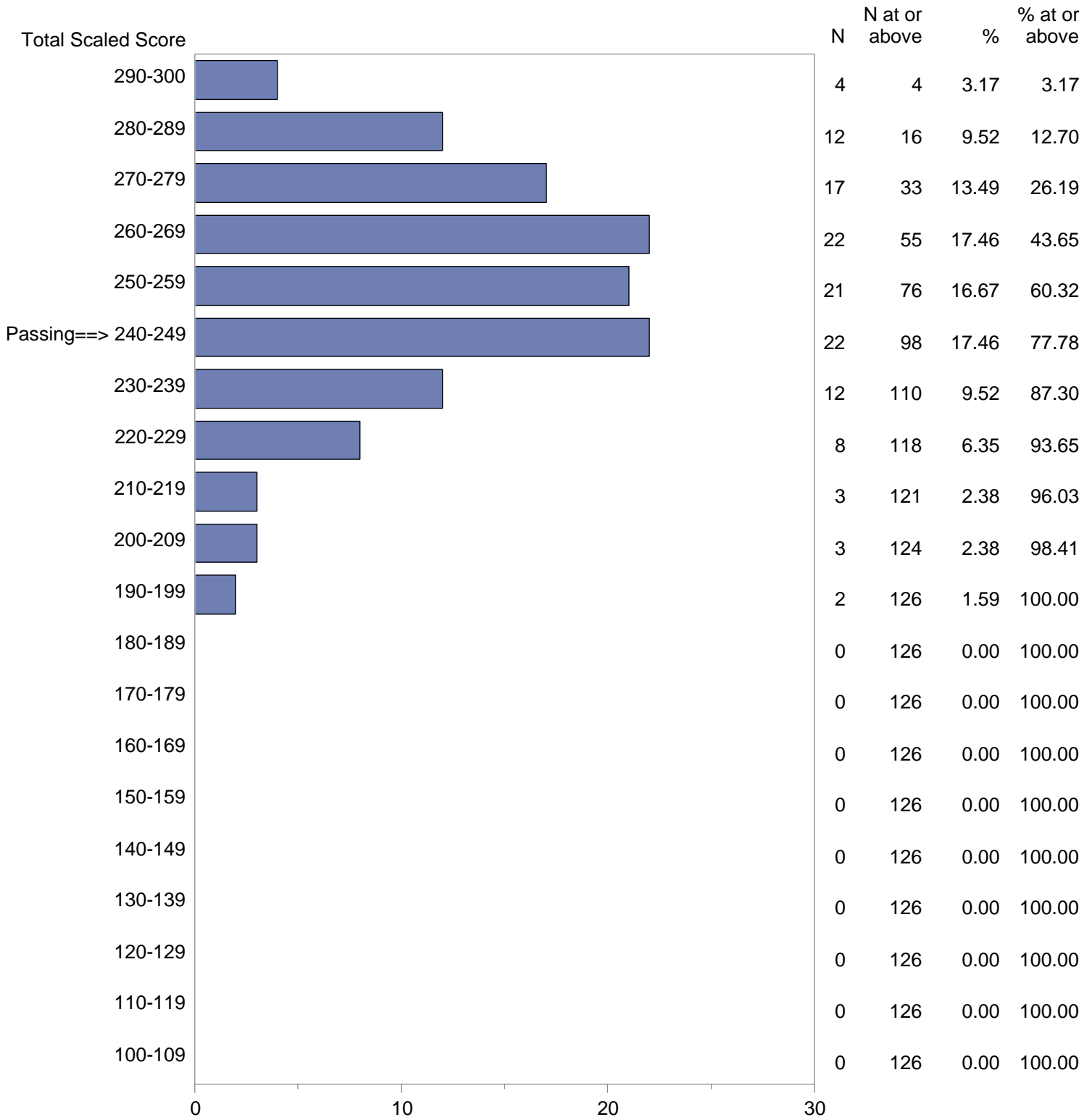
Test Field=161 World Language and Culture: French (Grades K-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2018 - August 31, 2019  
Total Scaled Score Distribution by Test Field (All Forms)

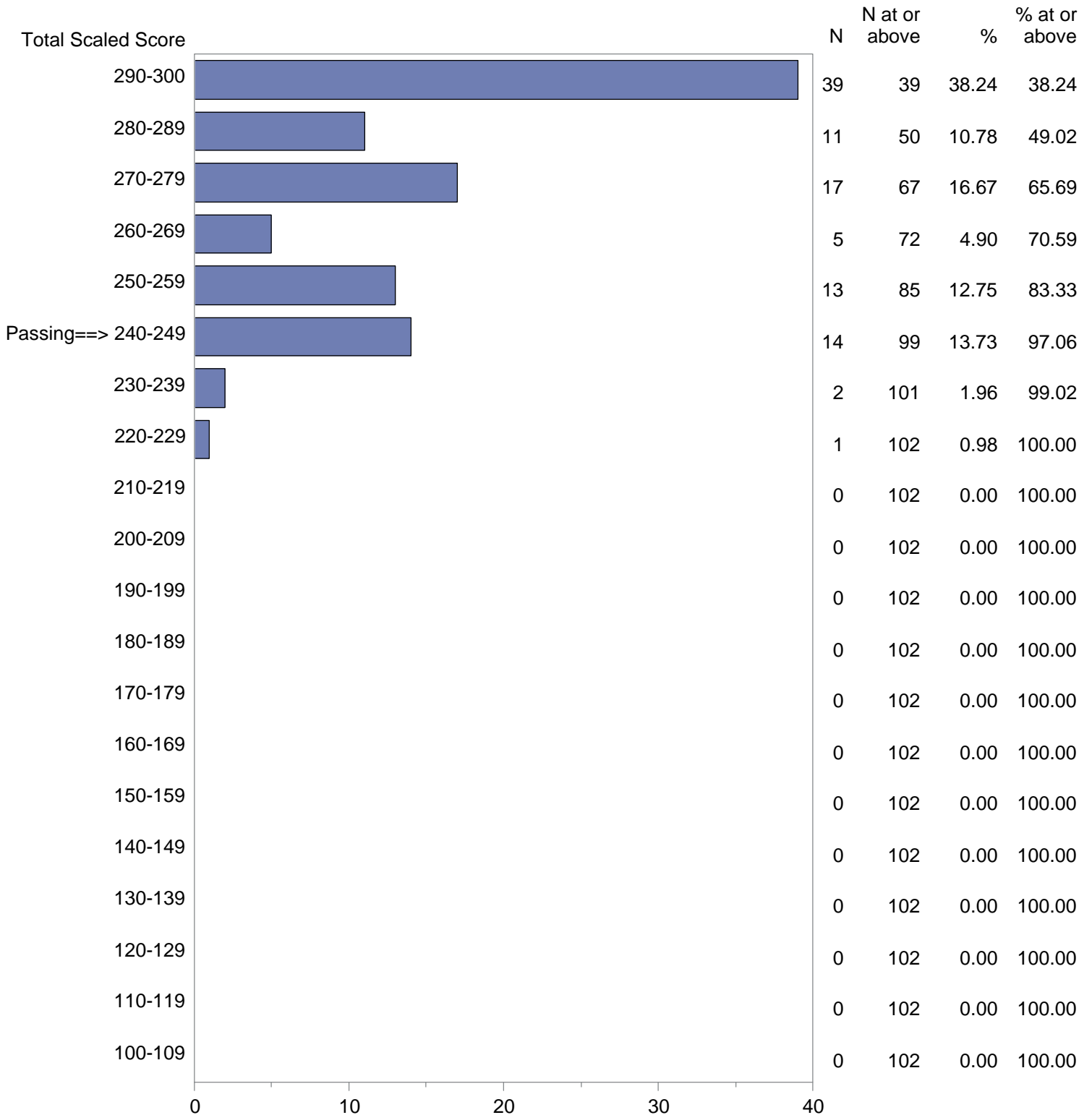
Test Field=164 World Language and Culture: Spanish (Grades K-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

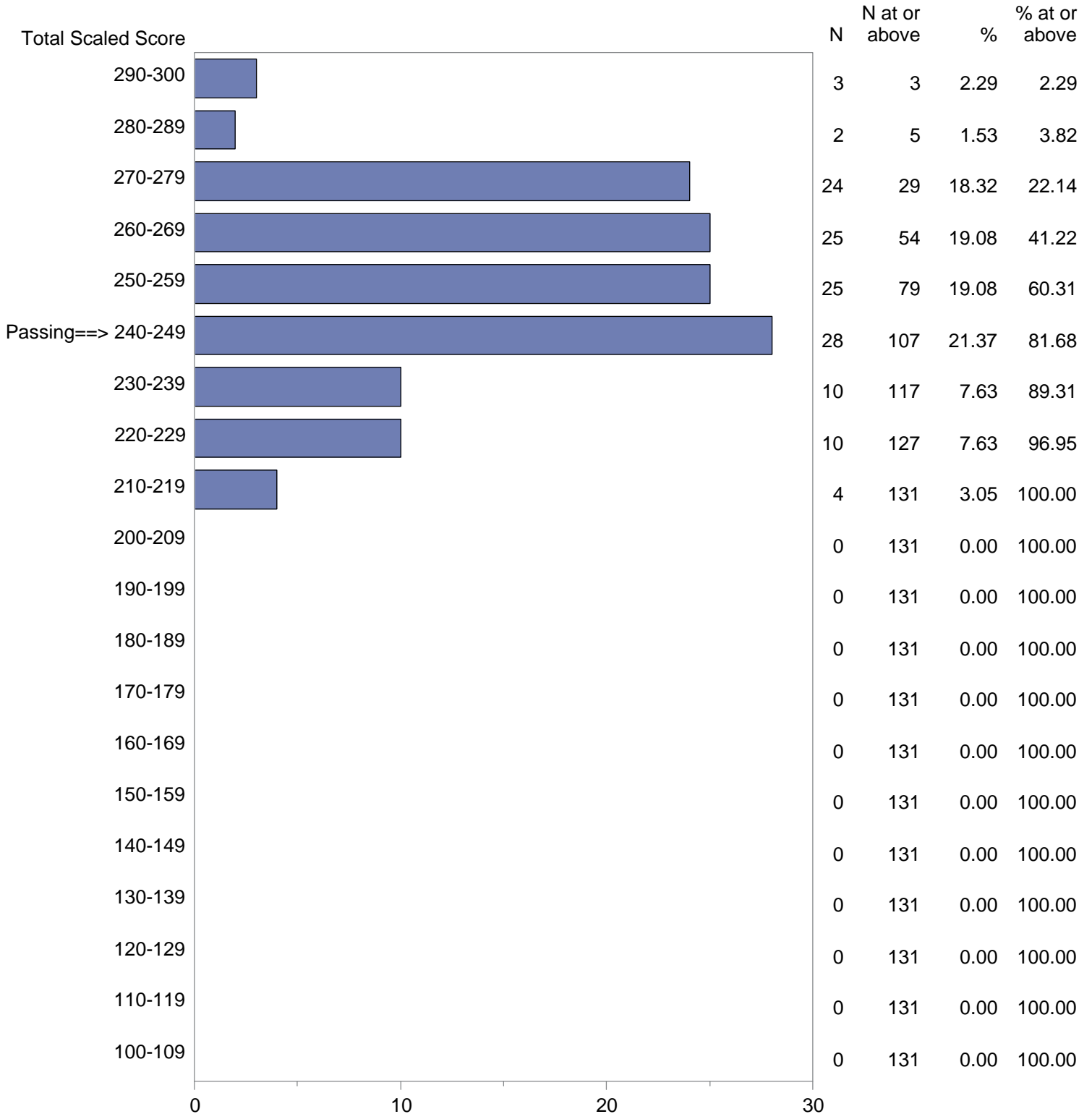
Test Field=165 World Language and Culture: Spanish (Grades K-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

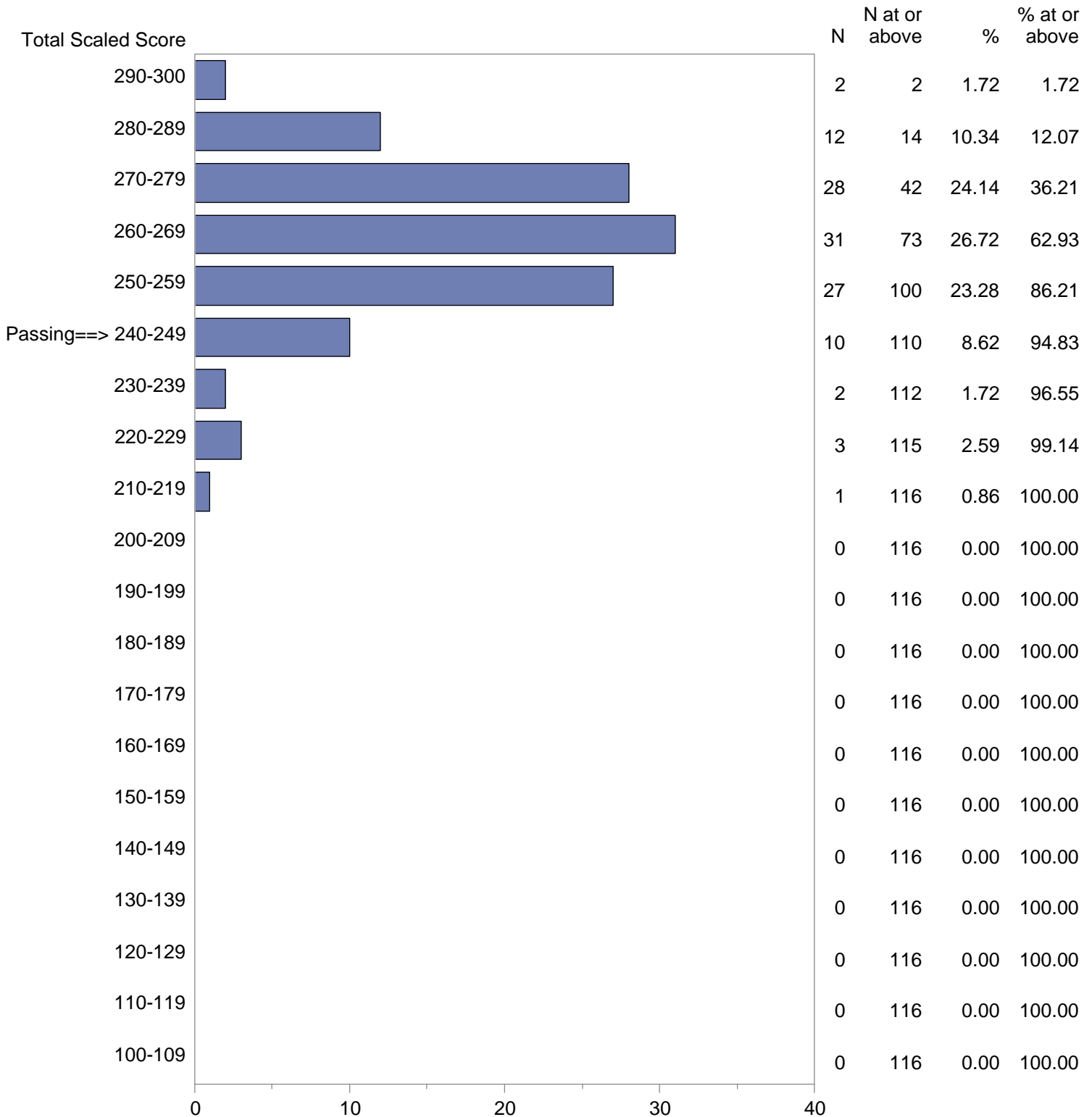
Test Field=184 Instrumental Classroom Music (Grades K-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

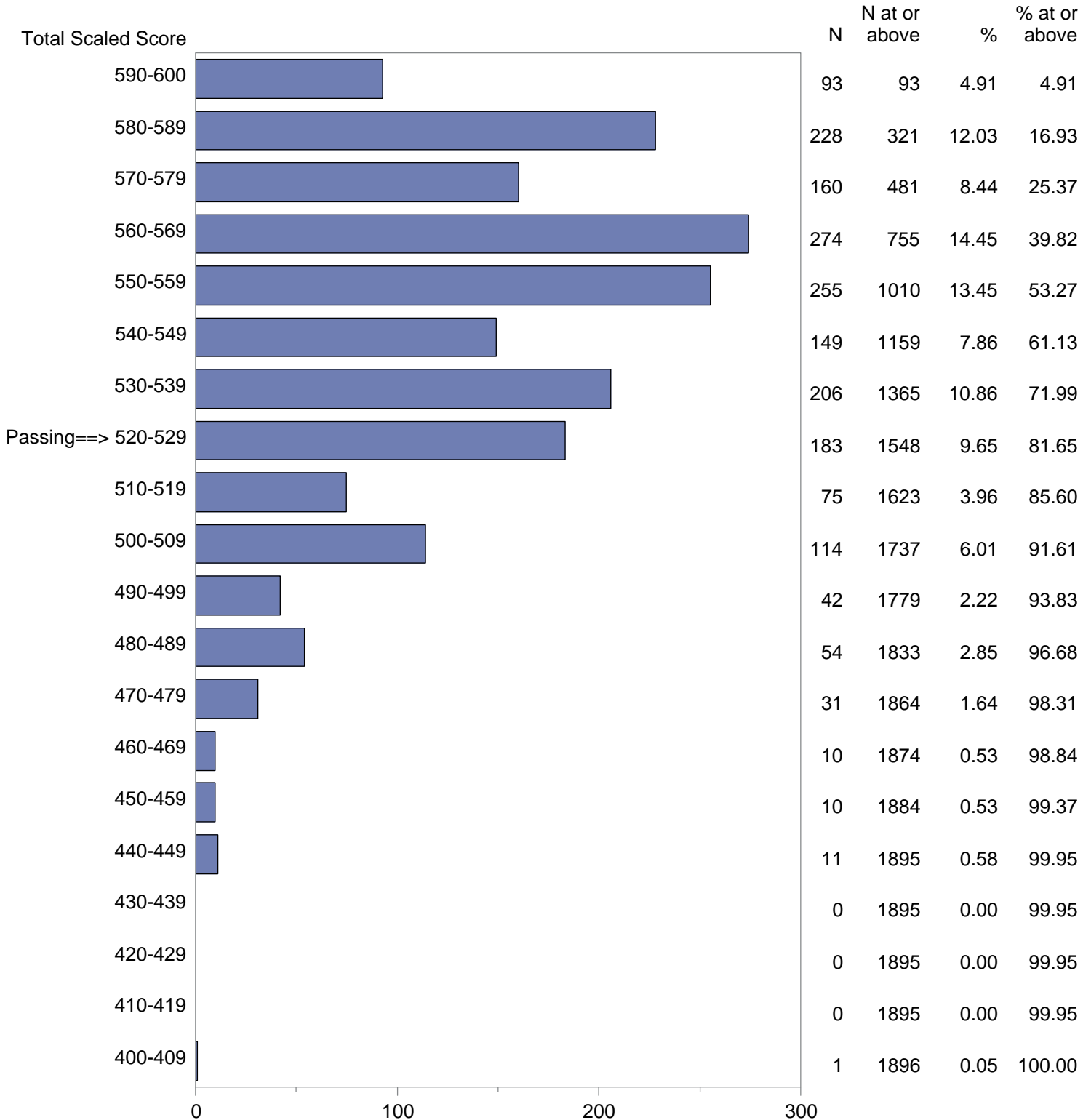
Test Field=185 Vocal Classroom Music (Grades K-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2018 - August 31, 2019  
Total Scaled Score Distribution by Test Field (All Forms)

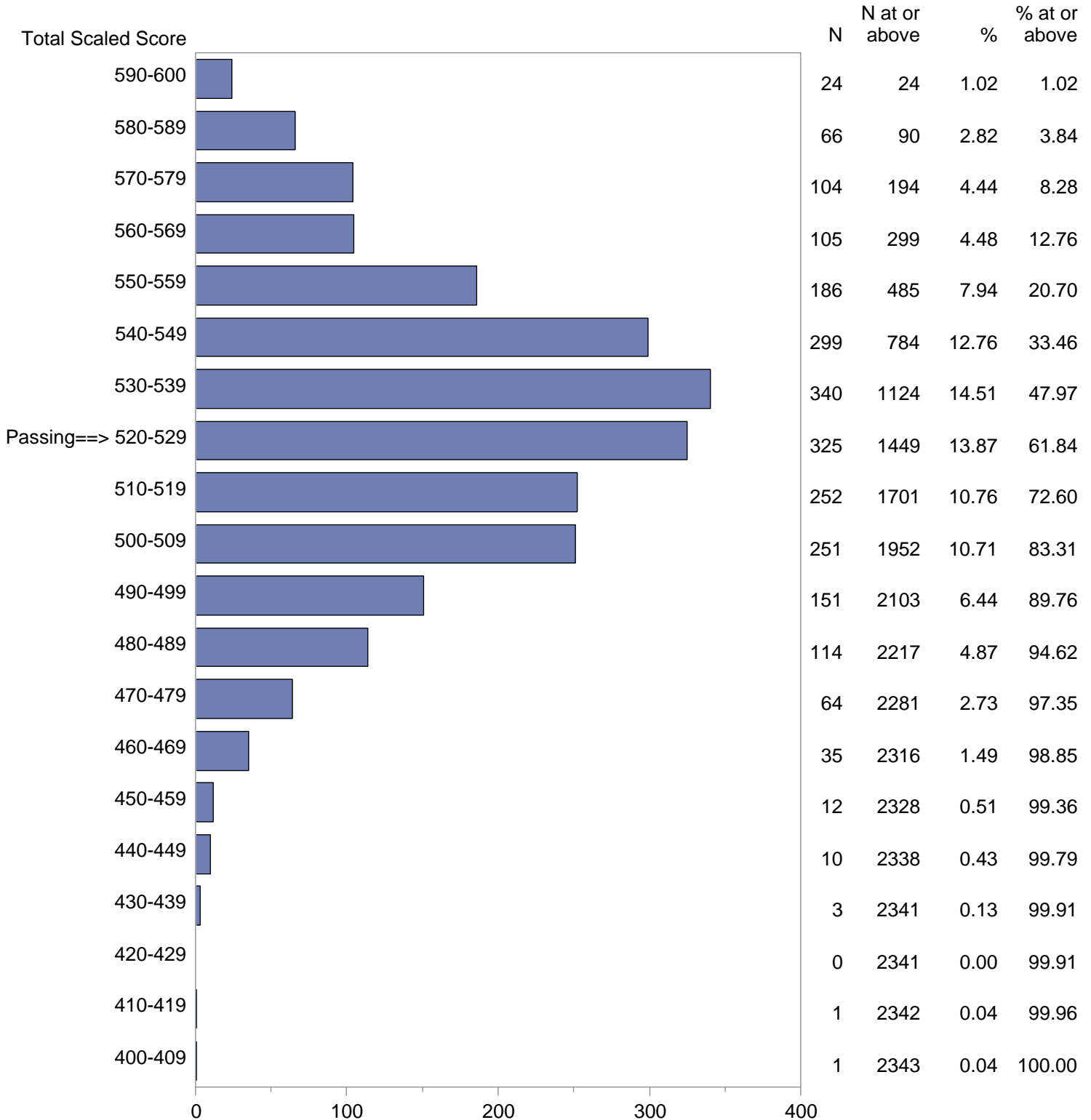
Test Field=188 MN NES Essential Academic Skills I: Reading



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

Test Field=189 MN NES Essential Academic Skills II: Writing

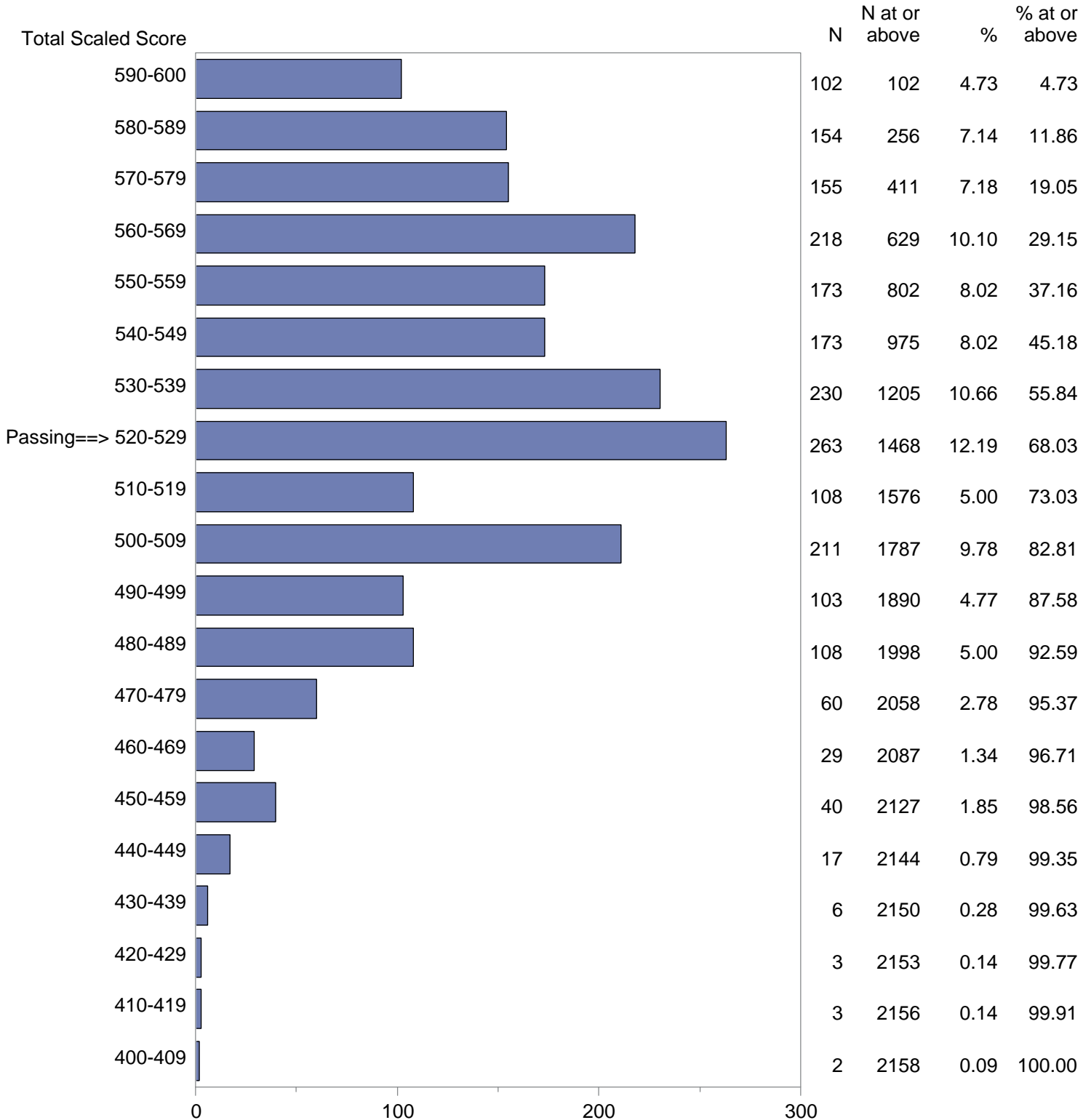


NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.



Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

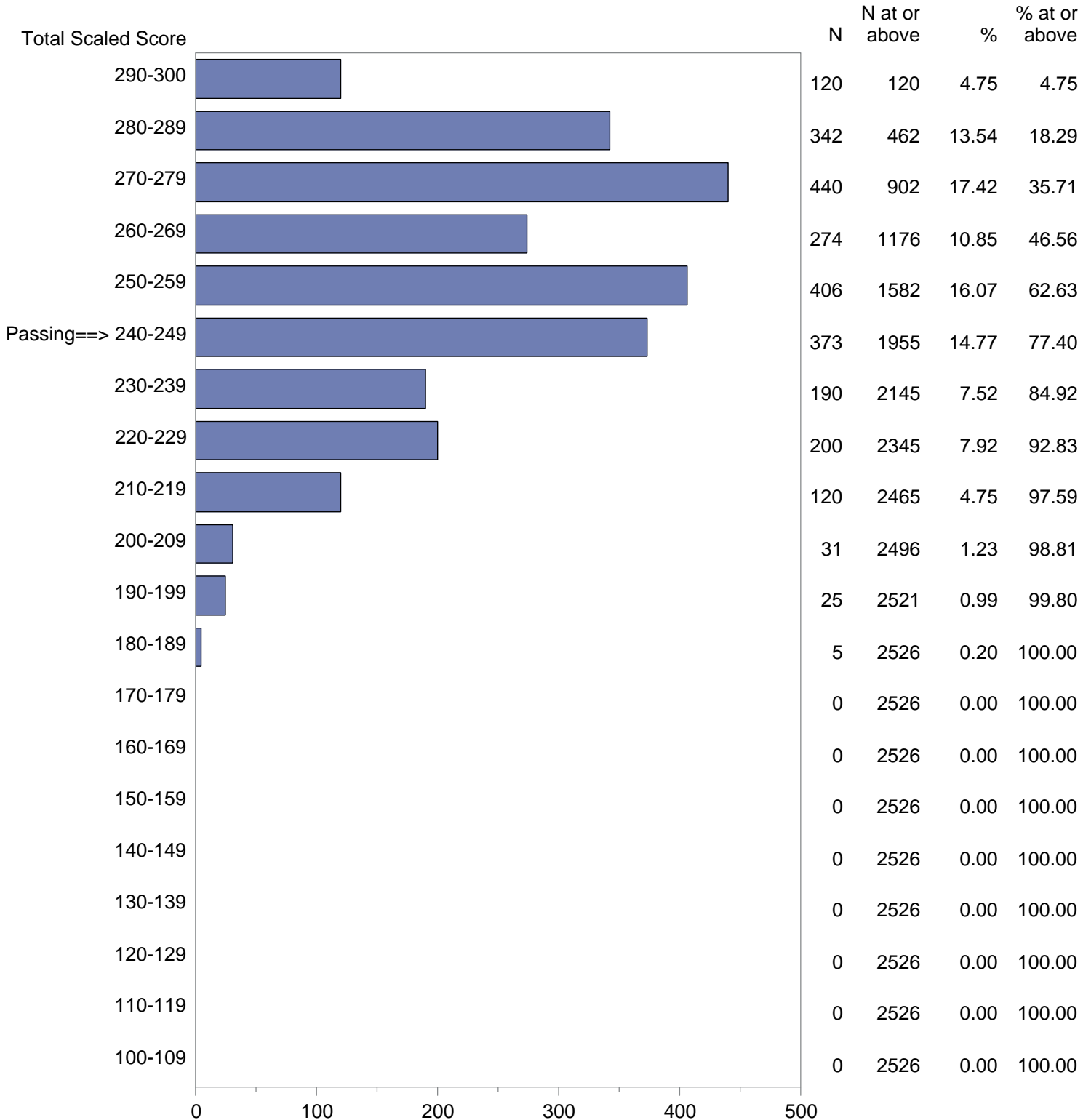
Test Field=190 MN NES Essential Academic Skills III: Mathematics



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

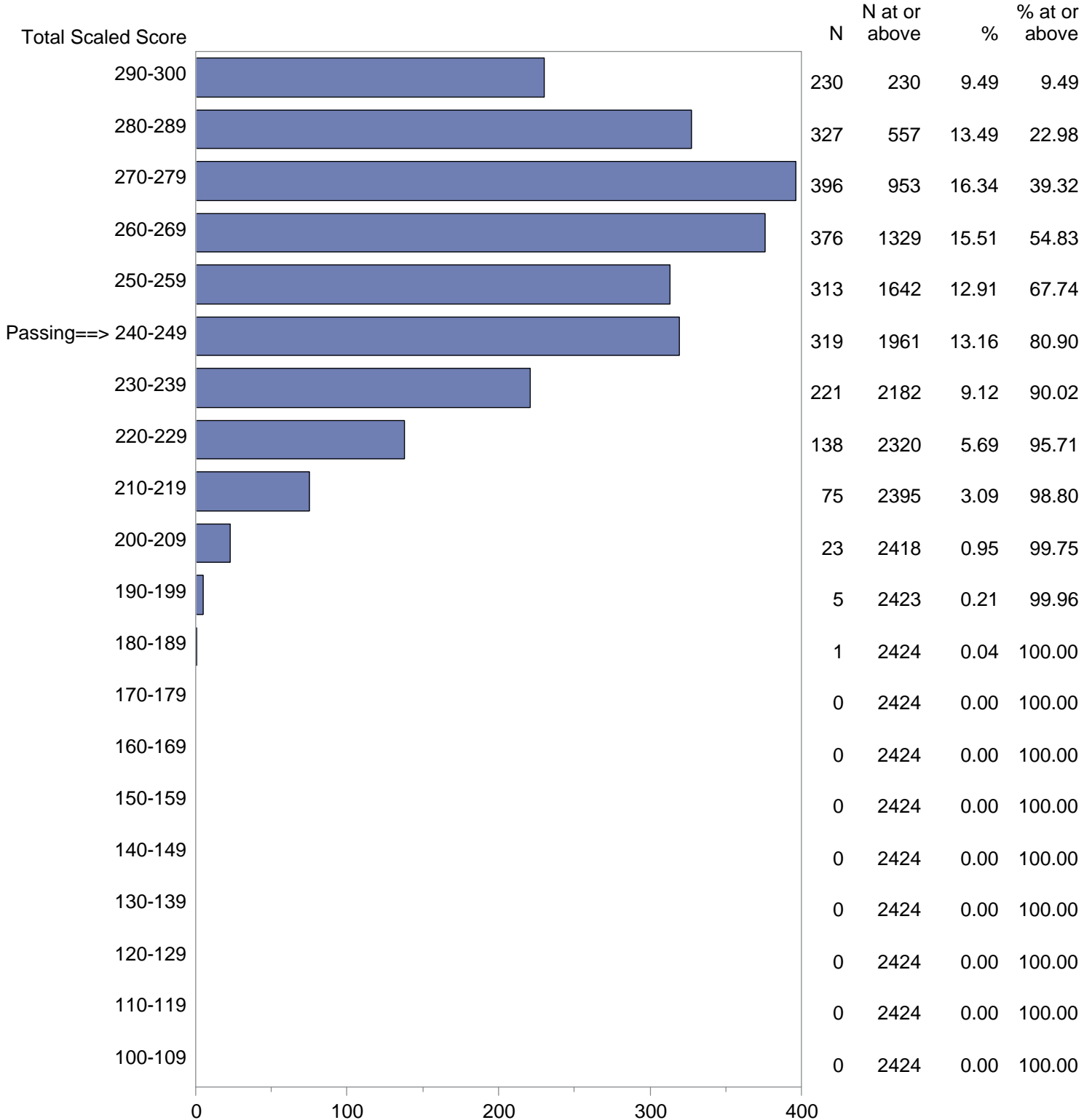
Test Field=191 Elementary Education (Grades K-6) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

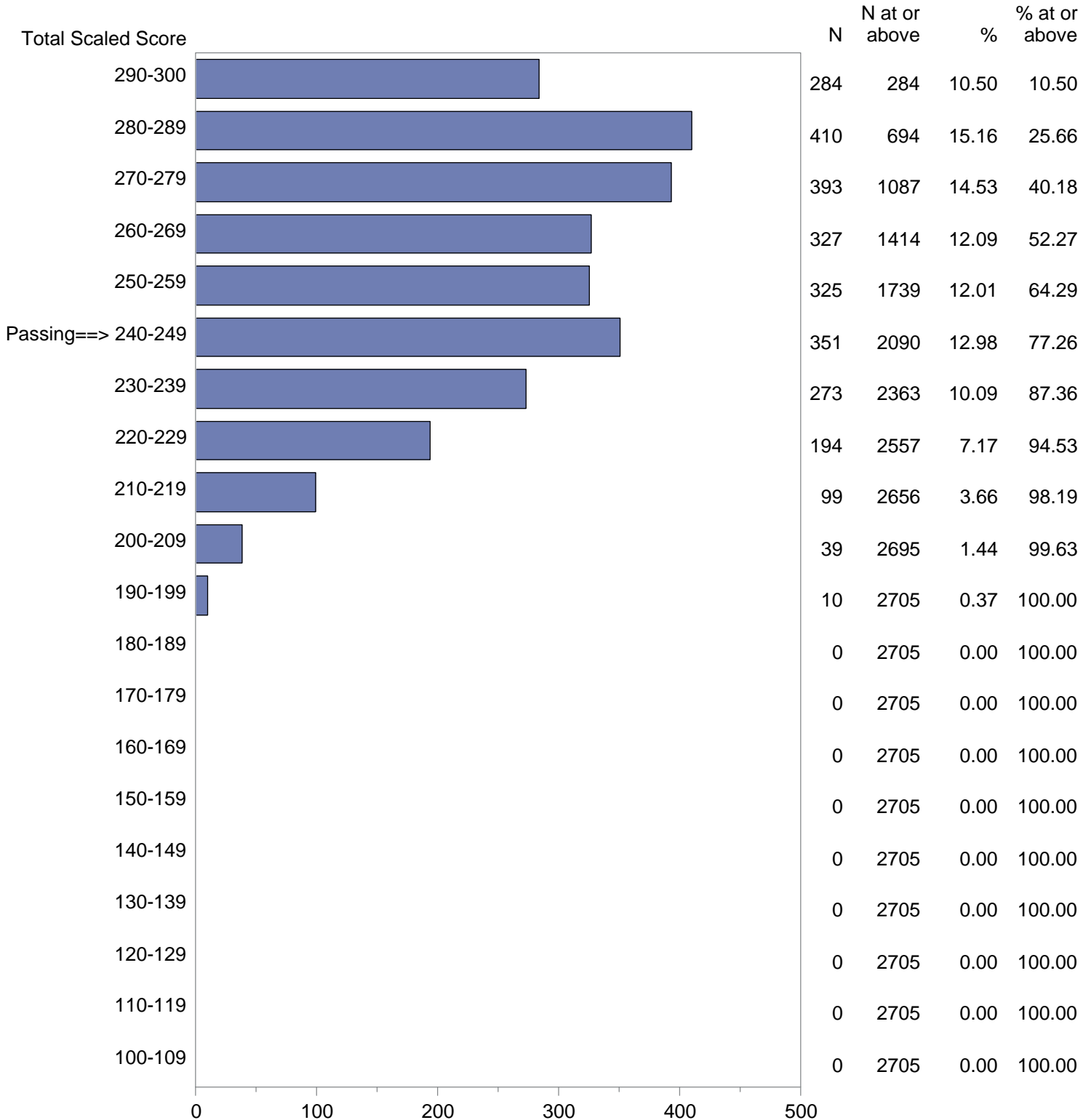
Test Field=192 Elementary Education (Grades K-6) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

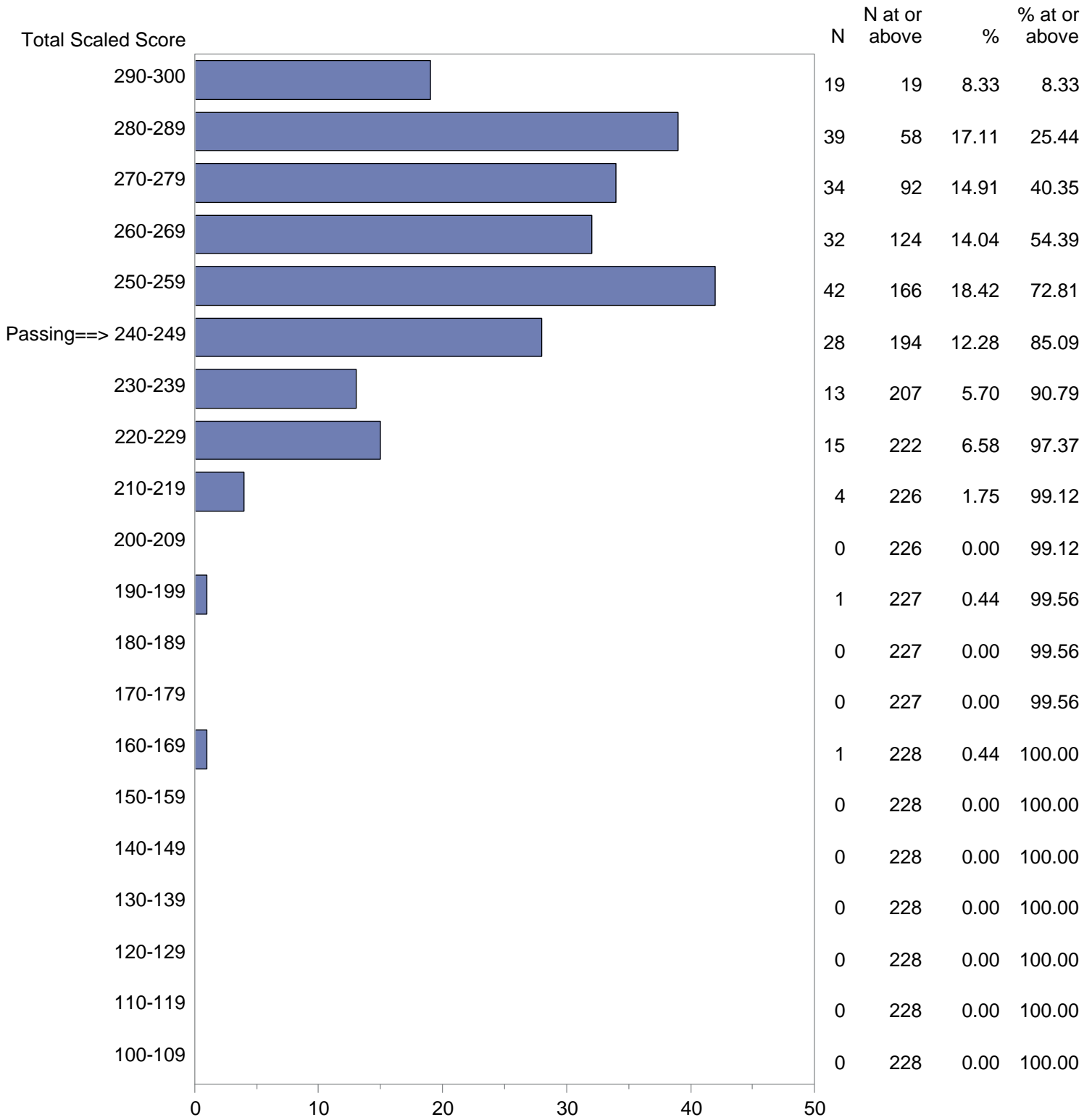
Test Field=193 Elementary Education (Grades K-6) Subtest 3



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

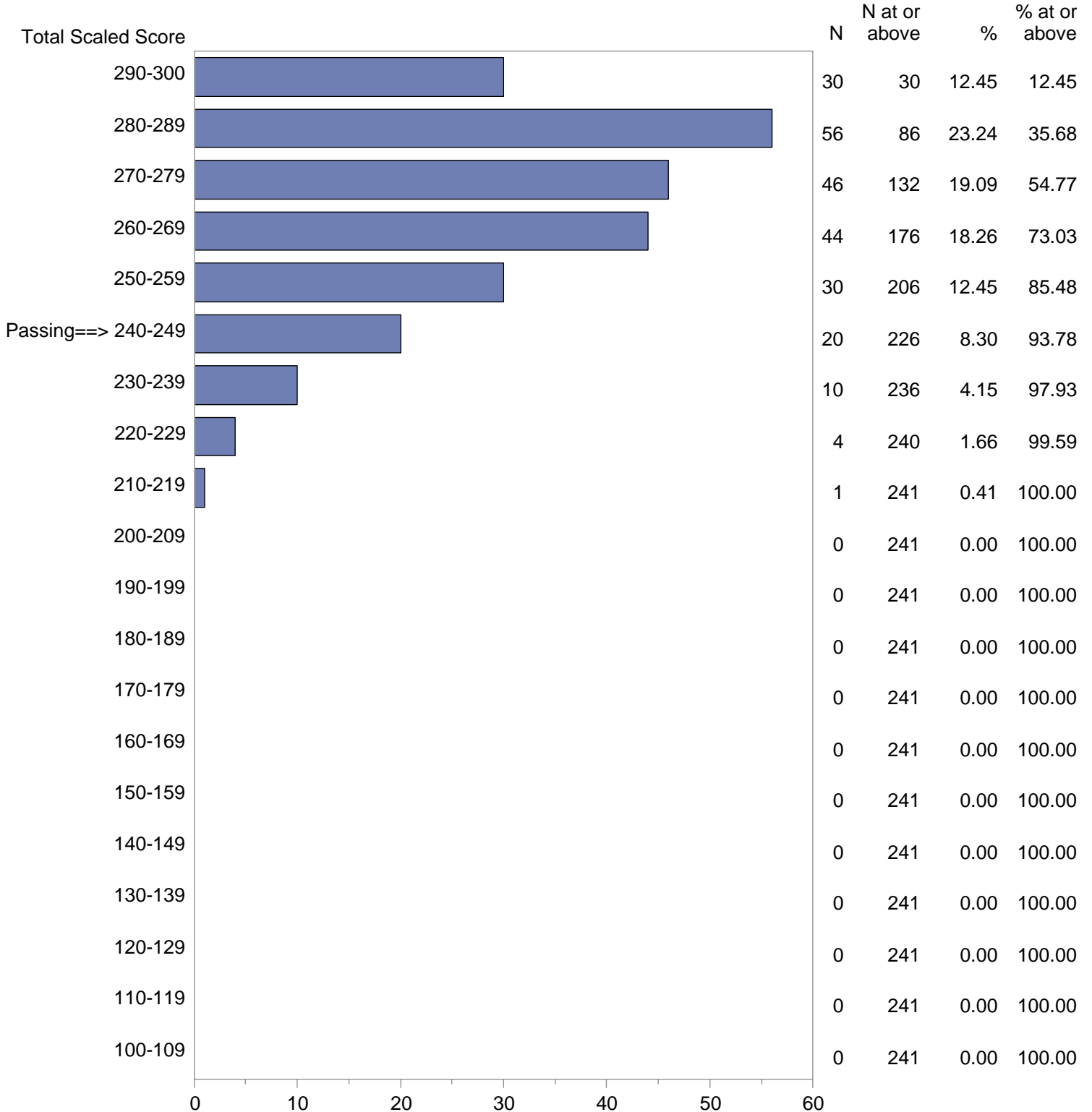
Test Field=194 English as a Second Language (Grades K-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

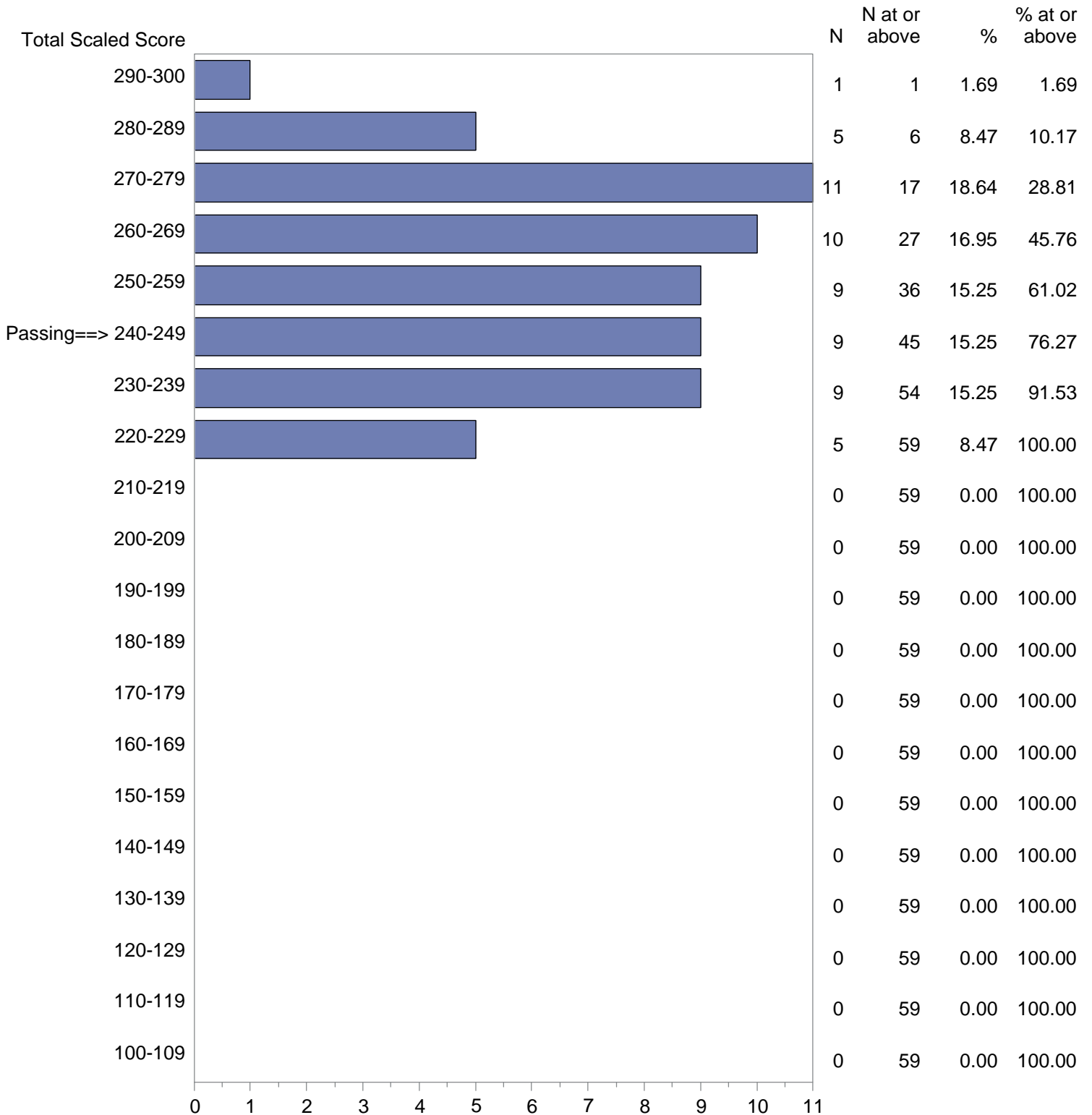
Test Field=195 English as a Second Language (Grades K-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

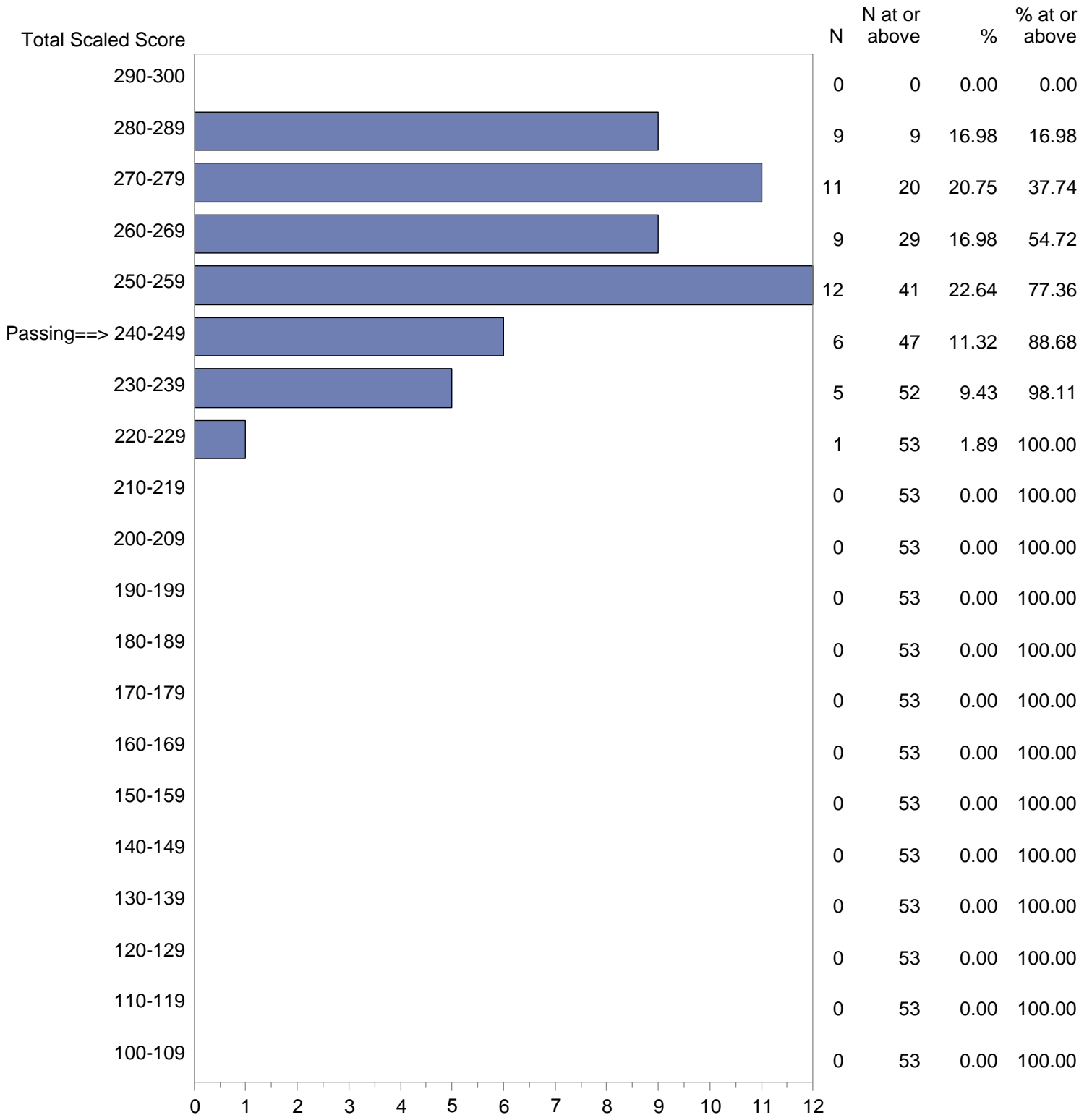
Test Field=196 Middle Level Communication Arts/Literature (Grades 5-8) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

Test Field=197 Middle Level Communication Arts/Literature (Grades 5-8) Subtest 2

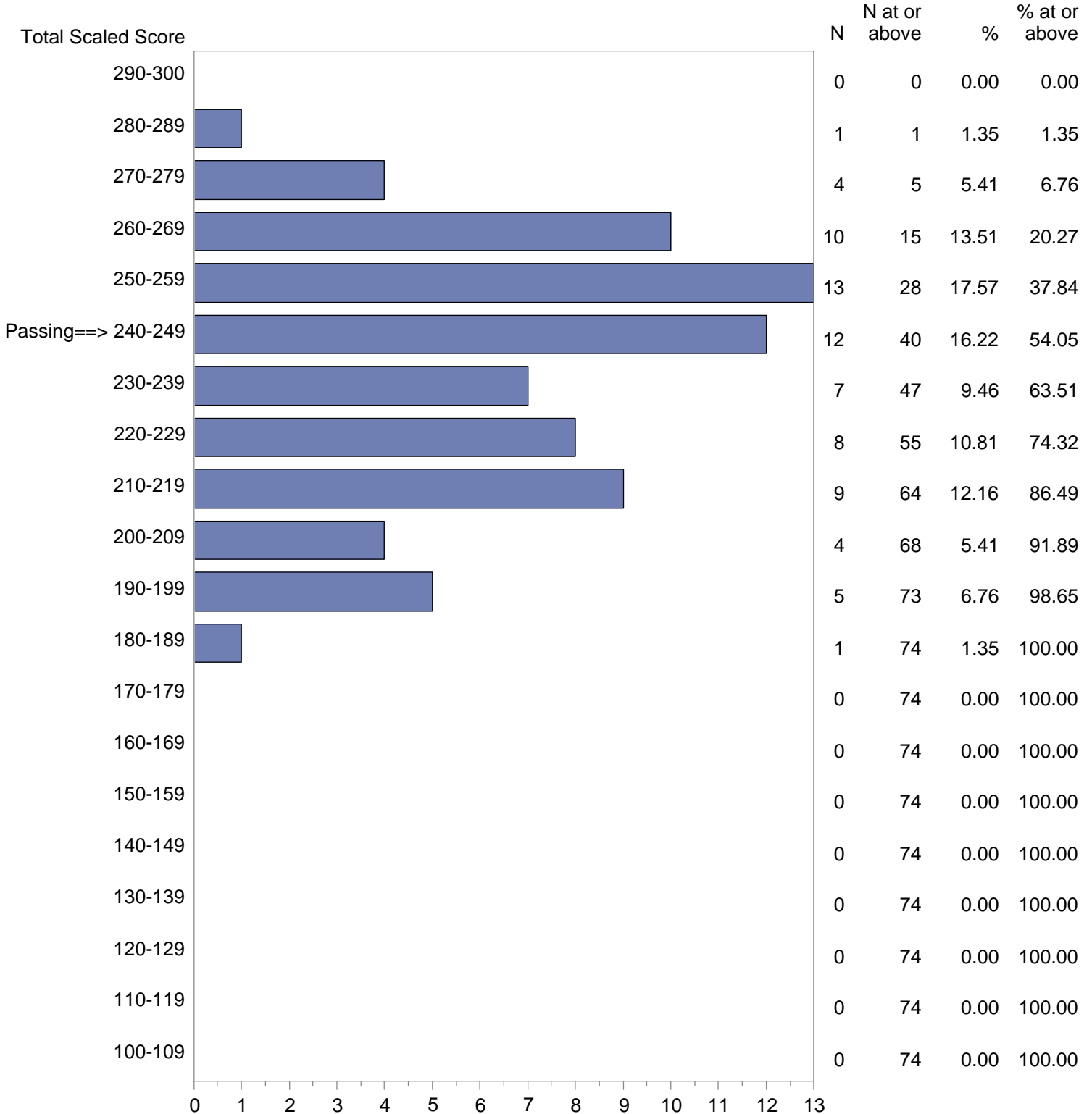


NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.



Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

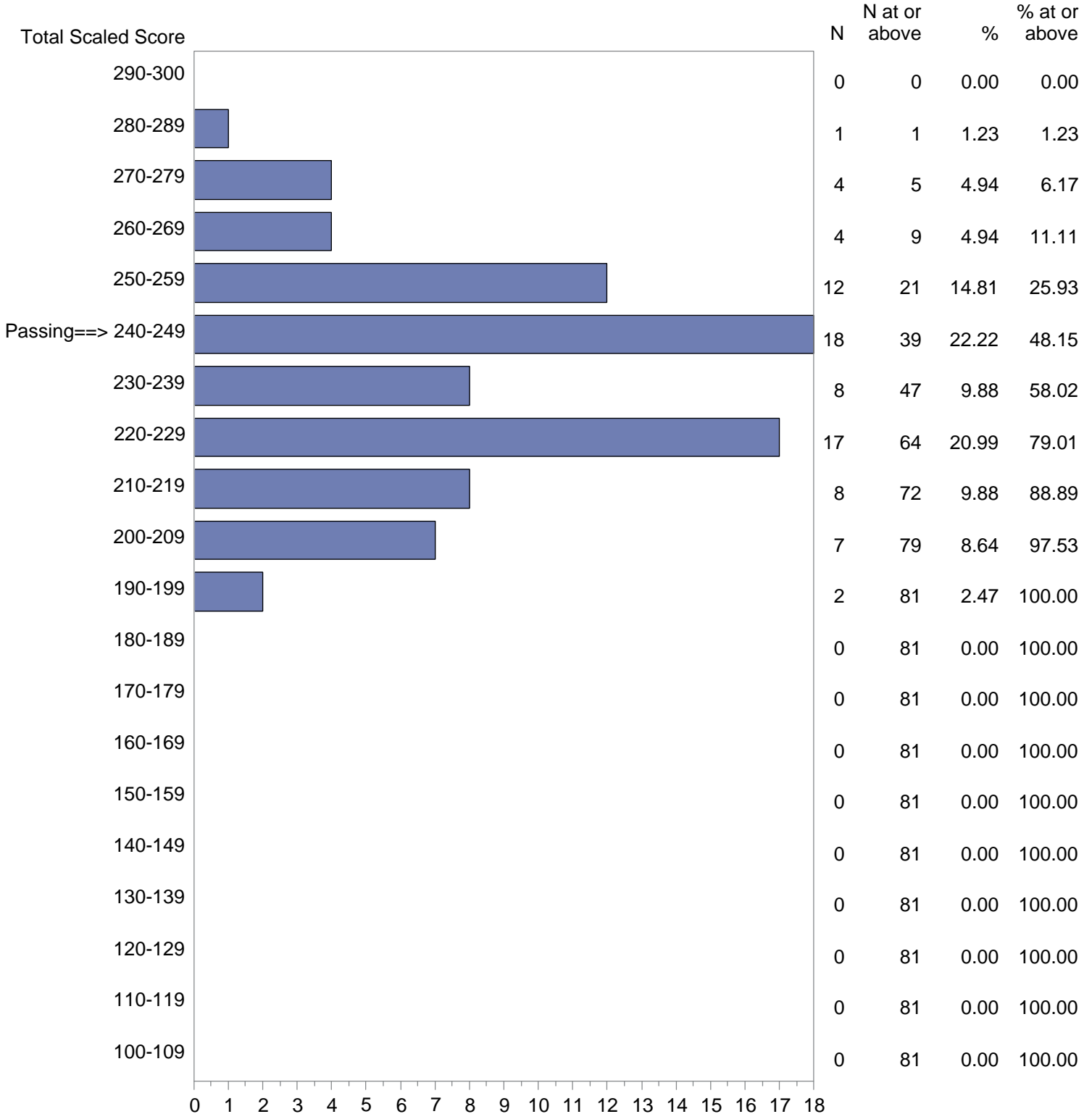
Test Field=198 PrePrimary (Age 3 to Prekindergarten) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

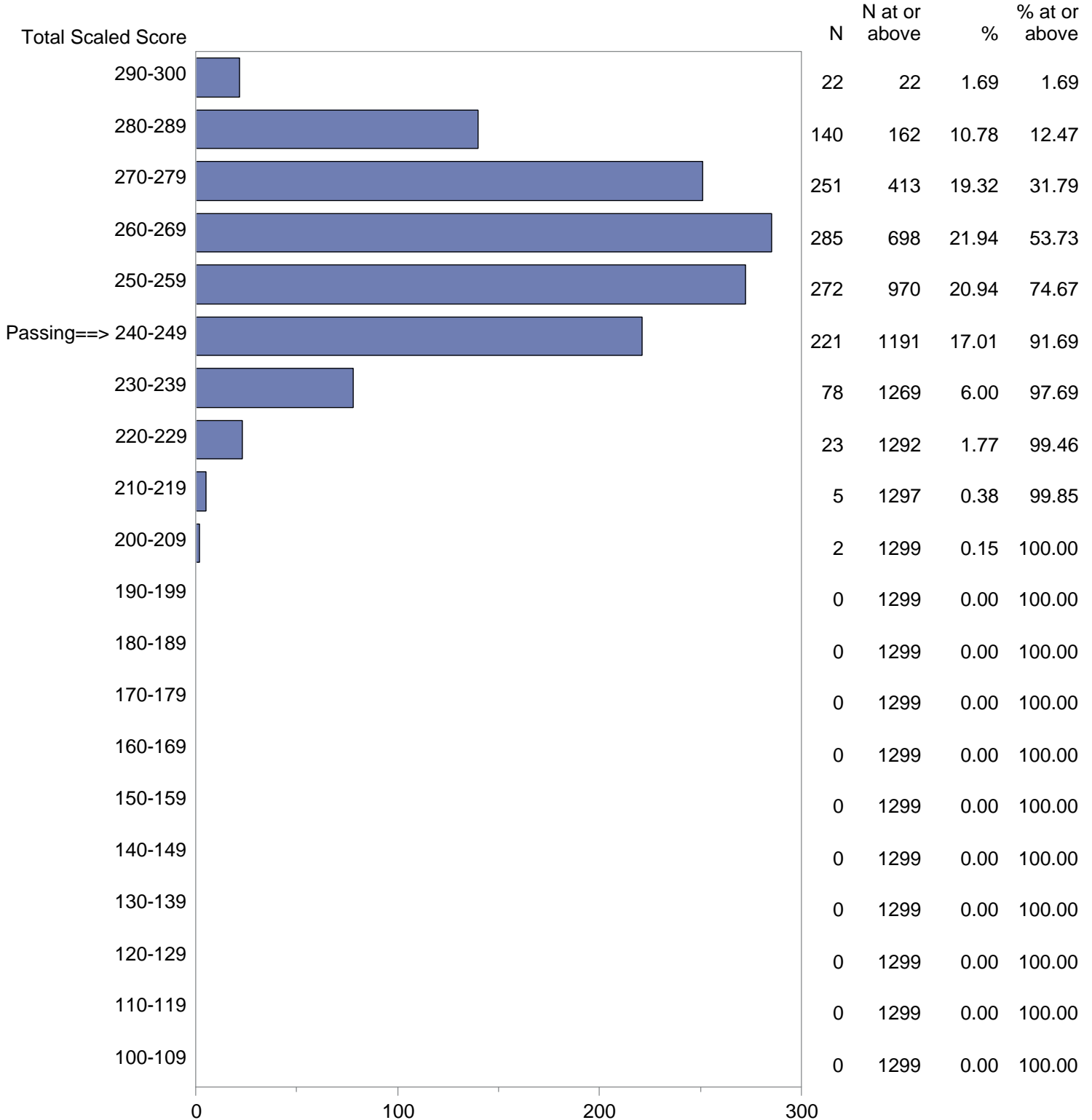
Test Field=199 PrePrimary (Age 3 to Prekindergarten) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

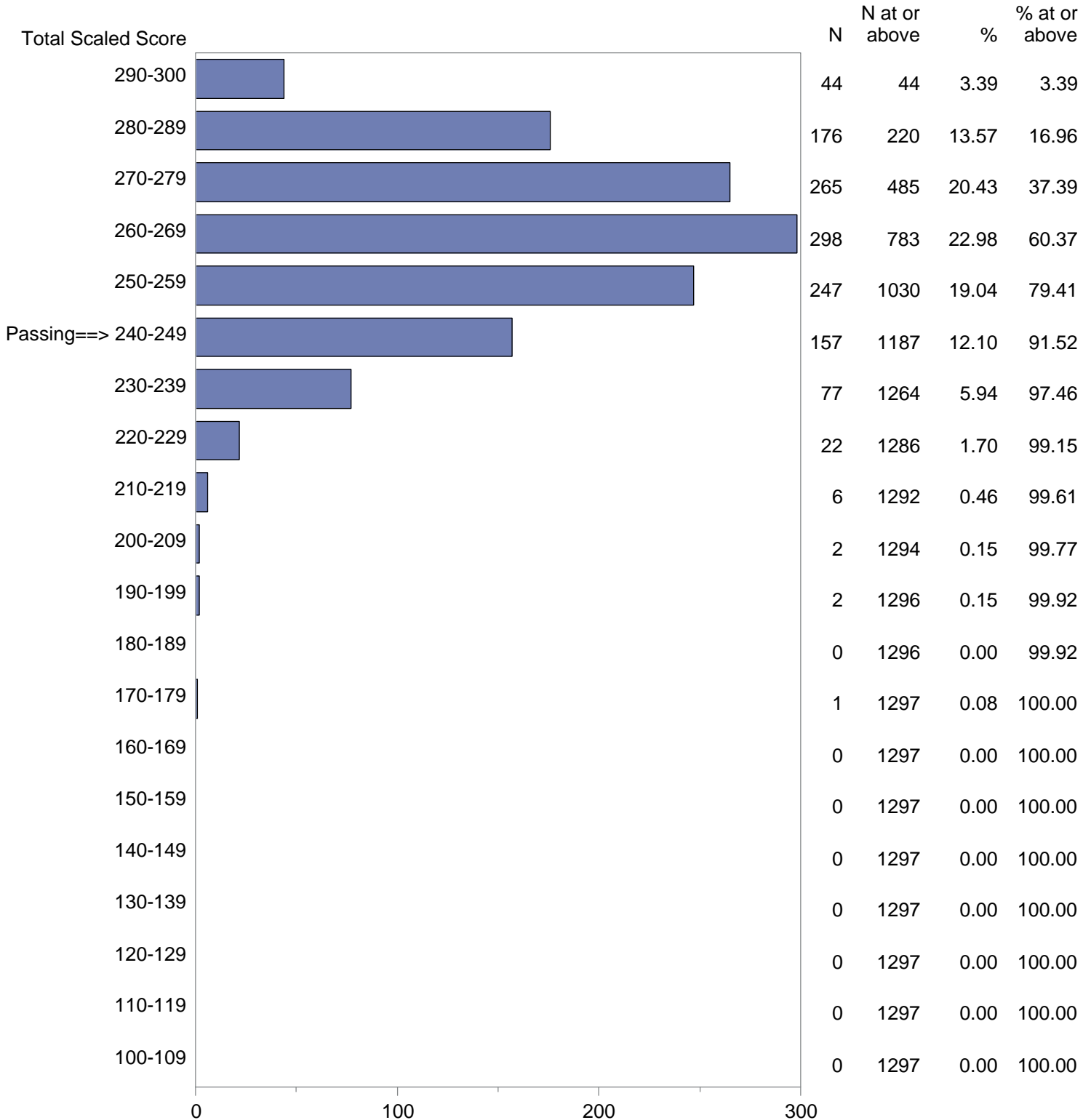
Test Field=200 Special Education Core Skills (Birth to Age 21) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2018 - August 31, 2019  
 Total Scaled Score Distribution by Test Field (All Forms)

Test Field=201 Special Education Core Skills (Birth to Age 21) Subtest 2



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

Appendix D:  
Pass Rate Report for MTLE Test Groups by Gender and  
Ethnicity

## **Interpretive Cautions and Notes**

1. Pass rates are the percent of examinees achieving a total test scaled score of 240 on most MTLE tests and score of 520 on the Minnesota NES Essential Academic Skills Test.
2. This report provides pass rate information for MTLE test groups by gender and ethnicity. All demographic information is self-reported by the examinees during the registration process.
3. This report provides the following pass rate information for different groups of MTLE subtests by gender and ethnicity:
  - N – number of examinees who took a group of subtests in the specified time period
  - N Pass – number of examinees who passed a group of subtests in the specified time period
  - N Fail - number of examinees who failed a group of subtests in the specified time period
  - % Pass - percent of examinees who passed a group of subtests in the specified time period
4. All pass rates are based on best attempt, defined as the percent of candidates who achieved a score equal to or higher than the passing score during the reporting period. If there are multiple attempts in the program year, the highest retake score is used in the calculation of the pass rate.
5. Pass rates are calculated for groups with 25 or more candidates. Extreme caution should be used when interpreting data for a small number of candidates. The examinees for whom results are presented in this document may not reflect the same proportion of all the types and capabilities of examinees in the population who will take the tests in the future.
6. The following groups of tests are included in the tables that follow:

### **All MTLE Subtests:**

1. Ag Education Sub 1
2. Ag Education Sub 2
3. Business Sub 1
4. Business Sub 2
5. Chemistry Sub 1
6. Chemistry Sub 2
7. Chinese (Mandarin) Sub 1

8. Chinese (Mandarin) Sub 2
9. Comm Arts/Lit Sub 1
10. Comm Arts/Lit Sub 2
11. Comp, Kboard & Rltd 1
12. Comp, Kboard & Rltd 2
13. Dance Sub 1
14. Dance Sub 2
15. Early Childhood Ed Sub 1
16. Early Childhood Ed Sub 2
17. Earth Space Science Sub 1
18. Earth Space Science Sub 2
19. Elementary Ed Sub 1
20. Elementary Ed Sub 2
21. Elementary Ed Sub 3
22. ESL Sub 1
23. ESL Sub 2
24. Fam & Consumer Sci Sub 1
25. Fam & Consumer Sci Sub 2
26. French Sub 1
27. French Sub 2
28. German Sub 1
29. German Sub 2
30. Health Sub 1
31. Health Sub 2
32. Inst & Vocal Music Sub 1
33. Instrumental Classroom Music
34. Library Media Spec Sub 1
35. Library Media Spec Sub 2
36. Life Science Sub 1
37. Life Science Sub 2
38. Mathematics Sub 1
39. Mathematics Sub 2
40. ML Comm Arts/Lit Sub 1
41. ML Comm Arts/Lit Sub 2

42. ML Math Sub 1
43. ML Math Sub 2
44. ML Science Sub 1
45. ML Science Sub 2
46. ML Social Studies Sub 1
47. ML Social Studies Sub 2
48. Pedagogy: Early Child 1
49. Pedagogy: Early Child 2
50. Pedagogy: Elem Sub 1
51. Pedagogy: Elem Sub 2
52. Pedagogy: Secondary Sub 1
53. Pedagogy: Secondary Sub 2
54. Phys Ed Sub 1
55. Phys Ed Sub 2
56. Physics Sub 1
57. Physics Sub 2
58. PrePrimary Sub 1
59. PrePrimary Sub 2
60. Reading Teacher Sub 1
61. Reading Teacher Sub 2
62. Social Studies Sub 1
63. Social Studies Sub 2
64. Spanish Sub 1
65. Spanish Sub 2
66. Spec Ed Core Skills Sub 1
67. Spec Ed Core Skills Sub 2
68. Technology Sub 1
69. Technology Sub 2
70. Theatre Sub 1
71. Theatre Sub 2
72. Visual Arts Sub 1
73. Visual Arts Sub 2
74. Vocal Classroom Music



### **All Pedagogy Subtests:**

- 1 Pedagogy: Early Child 1
- 2 Pedagogy: Early Child 2
- 3 Pedagogy: Elem Sub 1
- 4 Pedagogy: Elem Sub 2
- 5 Pedagogy: Secondary Sub 1
- 6 Pedagogy: Secondary Sub 2

### **All Content Subtests:**

- 1 Ag Education Sub 1
- 2 Ag Education Sub 2
- 3 Business Sub 1
- 4 Business Sub 2
- 5 Chemistry Sub 1
- 6 Chemistry Sub 2
- 7 Chinese (Mandarin) Sub 1
- 8 Chinese (Mandarin) Sub 2
- 9 Comm Arts/Lit Sub 1
- 10 Comm Arts/Lit Sub 2
- 11 Comp, Kboard & Rltd 1
- 12 Comp, Kboard & Rltd 2
- 13 Dance Sub 1
- 14 Dance Sub 2
- 15 Early Childhood Ed Sub 1
- 16 Early Childhood Ed Sub 2
- 17 Earth Space Science Sub 1
- 18 Earth Space Science Sub 2
- 19 Elementary Ed Sub 1
- 20 Elementary Ed Sub 2
- 21 Elementary Ed Sub 3
- 22 ESL Sub 1
- 23 ESL Sub 2
- 24 Fam & Consumer Sci Sub 1

- 25 Fam & Consumer Sci Sub 2
- 26 French Sub 1
- 27 French Sub 2
- 28 German Sub 1
- 29 German Sub 2
- 30 Health Sub 1
- 31 Health Sub 2
- 32 Inst & Vocal Music Sub 1
- 33 Instru Classroom Music
- 34 Library Media Spec Sub 1
- 35 Library Media Spec Sub 2
- 36 Life Science Sub 1
- 37 Life Science Sub 2
- 38 Mathematics Sub 1
- 39 Mathematics Sub 2
- 40 ML Comm Arts/Lit Sub 1
- 41 ML Comm Arts/Lit Sub 2
- 42 ML Math Sub 1
- 43 ML Math Sub 2
- 44 ML Science Sub 1
- 45 ML Science Sub 2
- 46 ML Social Studies Sub 1
- 47 ML Social Studies Sub 2
- 48 Phys Ed Sub 1
- 49 Phys Ed Sub 2
- 50 Physics Sub 1
- 51 Physics Sub 2
- 52 PrePrimary Sub 1
- 53 PrePrimary Sub 2
- 54 Reading Teacher Sub 1
- 55 Reading Teacher Sub 2
- 56 Social Studies Sub 1
- 57 Social Studies Sub 2
- 58 Spanish Sub 1

- 59 Spanish Sub 2
- 60 Spec Ed Core Skills Sub 1
- 61 Spec Ed Core Skills Sub 2
- 62 Technology Sub 1
- 63 Technology Sub 2
- 64 Theatre Sub 1
- 65 Theatre Sub 2
- 66 Visual Arts Sub 1
- 67 Visual Arts Sub 2
- 68 Vocal Classroom Music

**All MN NES EAS Subtests:**

- 1 MN NES EAS Mathematics
- 2 MN NES EAS Reading
- 3 MN NES EAS Writing

**All NES EAS Subtests:**

- 1. NES EAS Mathematics
- 2. NES EAS Reading
- 3. NES EAS Writing

*Confidential*

*Percent Passing All MTLE Subtests by Gender and Ethnicity  
September 1, 2018 - August 31, 2019*

	<b>N</b>	<b>N Pass</b>	<b>N Fail</b>	<b>% Pass</b>
<b>All MTLE Subtests</b>	31,950	28,744	3,206	90.0%
<b>No response</b>	255	239	16	93.7%
<b>Male</b>	7,086	6,476	610	91.4%
<b>Female</b>	24,609	22,029	2,580	89.5%
<b>African American/Black (not of Hispanic origin)</b>	1,118	735	383	65.7%
<b>American Indian or Alaskan Native</b>	154	125	29	81.2%
<b>Asian or Pacific Islander</b>	1,135	898	237	79.1%
<b>Hispanic</b>	1,089	809	280	74.3%
<b>White (not of Hispanic origin)</b>	27,135	25,013	2,122	92.2%
<b>Multiracial</b>	557	512	45	91.9%
<b>Other</b>	244	175	69	71.7%
<b>Undeclared</b>	518	477	41	92.1%

*The accompanying interpretive notes page is an integral part of this table.*

*Confidential*

*Percent Passing All Pedagogy Subtests by Gender and Ethnicity  
September 1, 2018 - August 31, 2019*

	<b>N</b>	<b>N Pass</b>	<b>N Fail</b>	<b>% Pass</b>
<b>All Pedagogy Subtests</b>	9,479	9,230	249	97.4%
<b>No response</b>	89	87	2	97.8%
<b>Male</b>	2,206	2,150	56	97.5%
<b>Female</b>	7,184	6,993	191	97.3%
<b>African American/Black (not of Hispanic origin)</b>	257	224	33	87.2%
<b>American Indian or Alaskan Native</b>	46	42	4	91.3%
<b>Asian or Pacific Islander</b>	319	291	28	91.2%
<b>Hispanic</b>	303	265	38	87.5%
<b>White (not of Hispanic origin)</b>	8,160	8,026	134	98.4%
<b>Multiracial</b>	177	173	4	97.7%
<b>Other</b>	61	56	5	91.8%
<b>Undeclared</b>	156	153	3	98.1%

*The accompanying interpretive notes page is an integral part of this table.*

*Confidential*

***Percent Passing All Content Subtests by Gender and Ethnicity  
September 1, 2018 - August 31, 2019***

	<b>N</b>	<b>N Pass</b>	<b>N Fail</b>	<b>% Pass</b>
<b>All Content Subtests</b>	16,540	15,046	1,494	91.0%
<b>No response</b>	131	122	9	93.1%
<b>Male</b>	3,516	3,210	306	91.3%
<b>Female</b>	12,893	11,714	1,179	90.9%
<b>African American/Black (not of Hispanic origin)</b>	513	343	170	66.9%
<b>American Indian or Alaskan Native</b>	60	53	7	88.3%
<b>Asian or Pacific Islander</b>	517	410	107	79.3%
<b>Hispanic</b>	527	377	150	71.5%
<b>White (not of Hispanic origin)</b>	14,274	13,287	987	93.1%
<b>Multiracial</b>	279	257	22	92.1%
<b>Other</b>	118	87	31	73.7%
<b>Undeclared</b>	252	232	20	92.1%

*The accompanying interpretive notes page is an integral part of this table.*

*Confidential*

*Percent Passing All MN NES EAS Subtests by Gender and Ethnicity  
September 1, 2018 - August 31, 2019*

	<b>N</b>	<b>N Pass</b>	<b>N Fail</b>	<b>% Pass</b>
<b>All MN NES EAS Subtests</b>	5,924	4,465	1,459	75.4%
<b>No response</b>	35	30	5	85.7%
<b>Male</b>	1,362	1,116	246	81.9%
<b>Female</b>	4,527	3,319	1,208	73.3%
<b>African American/Black (not of Hispanic origin)</b>	346	168	178	48.6%
<b>American Indian or Alaskan Native</b>	48	30	18	62.5%
<b>Asian or Pacific Islander</b>	299	197	102	65.9%
<b>Hispanic</b>	259	167	92	64.5%
<b>White (not of Hispanic origin)</b>	4,697	3,697	1,000	78.7%
<b>Multiracial</b>	101	82	19	81.2%
<b>Other</b>	65	32	33	49.2%
<b>Undeclared</b>	109	92	17	84.4%

*The accompanying interpretive notes page is an integral part of this table.*

*Confidential*

*Percent Passing All NES EAS Subtests by Gender and Ethnicity  
September 1, 2018 - August 31, 2019*

	<b>N</b>	<b>N Pass</b>	<b>N Fail</b>	<b>% Pass</b>
<b>All NES EAS Subtests</b>	7	--	--	--
<b>Male</b>	2	--	--	--
<b>Female</b>	5	--	--	--
<b>African American/Black (not of Hispanic origin)</b>	2	--	--	--
<b>White (not of Hispanic origin)</b>	4	--	--	--
<b>Undeclared</b>	1	--	--	--



**Developed and Produced by**



**Pearson**

**Evaluation Systems**

**P.O. Box 226**

**Amherst, Massachusetts 01004**