



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

**Technical Report**  
2017–2018

October 2018

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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 2017–2018 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 2017–2018 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 2017–2018 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 2017–2018 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)

**Program Enhancements**

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Pearson continually works with PELSB to evaluate and reinforce the quality of the MTLE<sup>SM</sup> program. Over the course of the 2017–2018 Program Year, the following enhancements have been implemented.

**Conducted Alignment Studies.** Over the course of 2017-2018, Pearson continued to implement the multi-phase redevelopment plan based on the results of the alignment study conducted a year before. In January 2017, under the direction of PELSB, Pearson completed alignment studies for each one of the MTLE tests. The purpose of the alignment studies was to determine the degree of alignment between the test objectives, as delineated in the Test Frameworks, and the state and national student and teacher standards. As a result of the alignment studies, each MTLE framework was assigned a redevelopment priority level, reflecting a degree of alignment between the framework and the state and national standards with which they were aligned.

**Implemented Redeveloped MTLE Test Fields.** Beginning August 27, 2018 the following five redeveloped MTLE test fields became available to the candidates, and the previous versions of these exams retired:

1. Elementary Education (Grades K-6)
2. English as a Second Language (Grades K-12)
3. Middle Level Communication Arts/Literature (Grades 5-8)
4. PrePrimary (Age 3 to PreKindergarten)
5. Special Education Core Skills (Birth to Age 21)

In November 2018 MN educators will be convening to recommend passing standards for each one of the five MTLE fields listed above. The cut-scores for these test fields are expected to be established by PELSB in November 2018 and score reports will be released shortly thereafter to the candidates who had taken the redeveloped test fields since August 27, 2018.

**Continued Redevelopment of MTLE Test Fields.** Based on the results of the alignment studies conducted in January 2017 and test incidence level, PELSB and Pearson selected six MTLE test fields to be redeveloped in Phase II, with the first test administration projected for the fall of 2019. Content advisory committees and bias review committees consisting of MN educators will be meeting in October 2018 to review test materials for these six MTLE test fields.

**Implemented Additional PELSB Reports.** In an effort to support PELSB transition to the online licensing system, Pearson designed and delivered additional PELSB reports containing historical test score data for the past three years. In addition, Pearson began issuing ongoing PELSB reports at the same time.

**Enhancements to Assist Candidates.** Pearson continually works with PELSB to examine program policies and materials and provide additional services and resources for candidates taking MTLE<sup>SM</sup> examinations.

- **Candidate preparation.** Over the course of 2017-2018 Program Year, Pearson has added candidate preparation resources to the MTLE<sup>SM</sup> program website, including the following:
  - *Updated Study Guides with Free, Full-length Sample Exams.* By June 2018, study guides for 36 MTLE test fields were updated to include a set of free sample test questions equal to the full scorable set of questions on a test form. Additionally, the updated study guides include rationales for each multiple-choice question that explain the correct response.
- **Candidate Registration and Administration.** Over the course of 2017-2018 Program Year, Pearson continued to implement the following recent enhancements to candidate test registration and administration.
  - *Free re-tests after three attempts.* Beginning in 2016, Pearson implemented a system that provides free re-tests to candidates who fail a subtest at least three times. There is no limit on the number of free re-tests that are provided to candidates.
  - *Free registration.* Beginning in 2016, Pearson eliminated a test registration fee.

## **SECTION II: Findings September 2017 – August 2018**

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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, 2017 through August 31, 2018. 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)



**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, 2017 through August 31, 2018.
- 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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## Appendix A: Pass Rate Report

**Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2017 - August 31, 2018**

	Attempt Type						Scaled Score	
	First-Time Test Takers			All Test Takers				
	N	N Pass	% Pass	N	N Pass	% Pass	Mean	Std Dev
<b>Test:</b>								
<b>010 Pedagogy: Early Childhood (Birth to Grade 3) Subtest 1</b>	336	335	99.7%	337	336	99.7%	282.2	10.6
<b>011 Pedagogy: Early Childhood (Birth to Grade 3) Subtest 2</b>	333	332	99.7%	334	332	99.4%	279.5	11.5
<b>012 Pedagogy: Elementary (Grades K-6) Subtest 1</b>	2,333	2,203	94.4%	2,412	2,311	95.8%	265.2	15.6
<b>013 Pedagogy: Elementary (Grades K-6) Subtest 2</b>	2,327	2,168	93.2%	2,430	2,299	94.6%	266.4	17.5
<b>014 Pedagogy: Secondary (Grades 5-12) Subtest 1</b>	1,605	1,564	97.4%	1,638	1,607	98.1%	267.7	13.2
<b>015 Pedagogy: Secondary (Grades 5-12) Subtest 2</b>	1,602	1,587	99.1%	1,616	1,603	99.2%	273.8	12.4
<b>020 Early Childhood Education (Birth to Grade 3) Subtest 1</b>	420	378	90.0%	435	403	92.6%	263.8	18.4
<b>021 Early Childhood Education (Birth to Grade 3) Subtest 2</b>	419	393	93.8%	428	410	95.8%	266.6	17.5
<b>022 PrePrimary (Age 3 to PreKindergarten) Subtest 1</b>	71	70	98.6%	71	70	98.6%	271.3	13.7
<b>023 PrePrimary (Age 3 to PreKindergarten) Subtest 2</b>	71	63	88.7%	71	67	94.4%	265.9	16.4
<b>024 Elementary Education (Grades K-6) Subtest 1</b>	1,848	1,642	88.9%	1,972	1,812	91.9%	260.3	17.1
<b>025 Elementary Education (Grades K-6) Subtest 2</b>	1,844	1,707	92.6%	1,926	1,784	92.6%	266.5	18.4
<b>026 Elementary Education (Grades K-6) Subtest 3</b>	1,837	1,527	83.1%	2,088	1,764	84.5%	255.9	19.6
<b>030 Middle Level Communication Arts/Literature (Grades 5-8) Subtest 1</b>	58	56	96.6%	59	57	96.6%	266.5	15.5
<b>031 Middle Level Communication Arts/Literature (Grades 5-8) Subtest 2</b>	58	58	100.0%	59	59	100.0%	271.3	11.2
<b>032 Middle Level Social Studies (Grades 5-8) Subtest 1</b>	62	61	98.4%	62	61	98.4%	261.1	12.4

(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, 2017 - August 31, 2018**

	Attempt Type						Scaled Score	
	First-Time Test Takers			All Test Takers				
	N	N Pass	% Pass	N	N Pass	% Pass	Mean	Std Dev
<b>Test:</b>								
<b>033 Middle Level Social Studies (Grades 5-8) Subtest 2</b>	63	62	98.4%	64	64	100.0%	265.1	13.4
<b>034 Middle Level Mathematics (Grades 5-8) Subtest 1</b>	107	66	61.7%	128	94	73.4%	248.6	18.8
<b>035 Middle Level Mathematics (Grades 5-8) Subtest 2</b>	110	88	80.0%	123	99	80.5%	254.0	17.7
<b>036 Middle Level Science (Grades 5-8) Subtest 1</b>	196	193	98.5%	198	195	98.5%	271.5	14.2
<b>037 Middle Level Science (Grades 5-8) Subtest 2</b>	197	180	91.4%	205	189	92.2%	266.3	17.5
<b>050 Communication Arts/Literature (Grades 5-12) Subtest 1</b>	299	295	98.7%	301	297	98.7%	273.5	11.5
<b>051 Communication Arts/Literature (Grades 5-12) Subtest 2</b>	297	288	97.0%	302	293	97.0%	266.0	14.6
<b>052 Social Studies (Grades 5-12) Subtest 1</b>	303	274	90.4%	329	301	91.5%	259.2	16.8
<b>053 Social Studies (Grades 5-12) Subtest 2</b>	302	223	73.8%	363	294	81.0%	248.7	14.6
<b>054 Mathematics (Grades 5-12) Subtest 1</b>	173	116	67.1%	223	164	73.5%	250.4	22.8
<b>055 Mathematics (Grades 5-12) Subtest 2</b>	167	135	80.8%	209	175	83.7%	254.9	20.4
<b>056 Health (Grades 5-12) Subtest 1</b>	120	120	100.0%	123	123	100.0%	270.4	11.9
<b>057 Health (Grades 5-12) Subtest 2</b>	121	119	98.3%	122	120	98.4%	269.2	12.0
<b>058 Chemistry (Grades 9-12) Subtest 1</b>	74	71	95.9%	74	72	97.3%	269.0	15.7
<b>059 Chemistry (Grades 9-12) Subtest 2</b>	72	71	98.6%	72	72	100.0%	271.3	13.5
<b>060 Earth and Space Science (Grades 9-12) Subtest 1</b>	19	14	73.7%	19	18	94.7%	252.8	13.0
<b>061 Earth and Space Science (Grades 9-12) Subtest 2</b>	19	9	47.4%	23	18	78.3%	245.8	21.4
<b>062 Life Science (Grades 9-12) Subtest 1</b>	144	123	85.4%	156	137	87.8%	258.8	18.7
<b>063 Life Science (Grades 9-12) Subtest 2</b>	144	127	88.2%	158	144	91.1%	256.9	18.4
<b>064 Physics (Grades 9-12) Subtest 1</b>	35	21	60.0%	40	26	65.0%	254.0	27.8

(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, 2017 - August 31, 2018**

	Attempt Type						Scaled Score	
	First-Time Test Takers			All Test Takers				
	N	N Pass	% Pass	N	N Pass	% Pass	Mean	Std Dev
<b>Test:</b>								
<b>065 Physics (Grades 9-12) Subtest 2</b>	32	16	50.0%	40	20	50.0%	238.6	37.0
<b>080 Technology (Grades 5-12) Subtest 1</b>	12	11	91.7%	12	12	100.0%	255.0	11.4
<b>081 Technology (Grades 5-12) Subtest 2</b>	12	9	75.0%	12	10	83.3%	256.8	12.8
<b>082 Business (Grades 5-12) Subtest 1</b>	25	17	68.0%	26	22	84.6%	249.6	14.1
<b>083 Business (Grades 5-12) Subtest 2</b>	26	18	69.2%	26	22	84.6%	253.3	15.5
<b>084 Family and Consumer Sciences (Grades 5-12) Subtest 1</b>	28	28	100.0%	28	28	100.0%	269.4	12.5
<b>085 Family and Consumer Sciences (Grades 5-12) Subtest 2</b>	28	26	92.9%	28	28	100.0%	257.5	11.7
<b>086 Agricultural Education (Grades 5-12) Subtest 1</b>	20	20	100.0%	21	21	100.0%	259.1	11.0
<b>087 Agricultural Education (Grades 5-12) Subtest 2</b>	20	19	95.0%	20	19	95.0%	262.9	11.9
<b>100 Reading Teacher (Grades K-12) Subtest 1</b>	249	239	96.0%	254	245	96.5%	269.5	16.1
<b>101 Reading Teacher (Grades K-12) Subtest 2</b>	248	232	93.5%	256	239	93.4%	266.2	18.0
<b>102 Library Media Specialist (Grades K-12) Subtest 1</b>	34	33	97.1%	35	33	94.3%	260.7	14.6
<b>103 Library Media Specialist (Grades K-12) Subtest 2</b>	34	34	100.0%	36	35	97.2%	259.5	12.2
<b>104 Visual Arts (Grades K-12) Subtest 1</b>	121	109	90.1%	125	114	91.2%	261.8	17.5
<b>105 Visual Arts (Grades K-12) Subtest 2</b>	121	94	77.7%	129	114	88.4%	254.9	15.8
<b>106 Instrumental and Vocal Classroom Music (Grades K-12) Subtest 1</b>	158	153	96.8%	159	156	98.1%	268.3	14.3
<b>108 Theatre (Grades K-12) Subtest 1</b>	16	13	81.3%	16	13	81.3%	259.0	20.0
<b>109 Theatre (Grades K-12) Subtest 2</b>	16	16	100.0%	16	16	100.0%	270.6	13.7
<b>110 Dance (Grades K-12) Subtest 1</b>	13	12	92.3%	13	13	100.0%	261.5	12.4
<b>111 Dance (Grades K-12) Subtest 2</b>	13	13	100.0%	13	13	100.0%	265.1	8.8

(Continued)

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**Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2017 - August 31, 2018**

	Attempt Type						Scaled Score	
	First-Time Test Takers			All Test Takers				
	N	N Pass	% Pass	N	N Pass	% Pass	Mean	Std Dev
<b>Test:</b>								
112 Physical Education (Grades K-12) Subtest 1	161	160	99.4%	163	162	99.4%	264.0	12.4
113 Physical Education (Grades K-12) Subtest 2	159	155	97.5%	165	161	97.6%	264.1	13.3
114 English as a Second Language (Grades K-12) Subtest 1	233	226	97.0%	240	230	95.8%	266.8	15.0
115 English as a Second Language (Grades K-12) Subtest 2	233	206	88.4%	258	229	88.8%	259.7	19.1
130 Computer, Keyboarding, and Related Technology (Grades K-12) Subtest 1	13	13	100.0%	13	13	100.0%	272.4	10.1
131 Computer, Keyboarding, and Related Technology (Grades K-12) Subtest 2	14	14	100.0%	14	14	100.0%	272.4	9.6
158 World Language and Culture: Chinese (Mandarin) (Grades K-12) Subtest 1	7	7	100.0%	7	7	100.0%	286.3	11.1
159 World Language and Culture: Chinese (Mandarin) (Grades K-12) Subtest 2	8	7	87.5%	8	7	87.5%	280.0	56.6
160 World Language and Culture: French (Grades K-12) Subtest 1	8	8	100.0%	9	9	100.0%	266.3	12.4
161 World Language and Culture: French (Grades K-12) Subtest 2	7	7	100.0%	12	10	83.3%	272.0	33.7
162 World Language and Culture: German (Grades K-12) Subtest 1	7	7	100.0%	7	7	100.0%	272.0	12.4
163 World Language and Culture: German (Grades K-12) Subtest 2	8	7	87.5%	9	7	77.8%	271.4	32.2
164 World Language and Culture: Spanish (Grades K-12) Subtest 1	107	82	76.6%	116	96	82.8%	257.6	22.4
165 World Language and Culture: Spanish (Grades K-12) Subtest 2	105	97	92.4%	112	105	93.8%	272.9	24.0
184 Instrumental Classroom Music (Grades K-12) Subtest 2	91	77	84.6%	107	90	84.1%	254.8	16.7
185 Vocal Classroom Music (Grades K-12) Subtest 2	91	88	96.7%	94	92	97.9%	263.2	14.6

(Continued)

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**Minnesota Teacher Licensure Examinations (MTLE)**  
**September 1, 2017 - August 31, 2018**

Test:	Attempt Type						Scaled Score	
	First-Time Test Takers			All Test Takers				
	N	N Pass	% Pass	N	N Pass	% Pass	Mean	Std Dev
186 Special Education Core Skills (Birth to Age 21) Subtest 1	874	683	78.1%	1,037	830	80.0%	253.8	22.2
187 Special Education Core Skills (Birth to Age 21) Subtest 2	882	705	79.9%	1,036	832	80.3%	253.9	24.9
188 MN NES Essential Academic Skills I: Reading	2,560	2,247	87.8%	2,739	2,401	87.7%	550.4	29.1
189 MN NES Essential Academic Skills II: Writing	2,634	1,855	70.4%	3,153	2,277	72.2%	530.1	27.2
190 MN NES Essential Academic Skills III: Mathematics	2,601	1,951	75.0%	2,973	2,271	76.4%	539.7	34.4

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**Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2017 - August 31, 2018**

	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>010 Pedagogy: Early Childhood (Birth to Grade 3) Subtest 1</b>	336	335	99.7%	337	336	99.7%	1	1	100.0%	282.2	10.6	280.0	--
<b>011 Pedagogy: Early Childhood (Birth to Grade 3) Subtest 2</b>	333	332	99.7%	334	332	99.4%	1	0	0.0%	279.5	11.5	231.0	--
<b>012 Pedagogy: Elementary (Grades K-6) Subtest 1</b>	2,333	2,203	94.4%	2,412	2,311	95.8%	143	110	76.9%	265.2	15.6	246.3	14.5
<b>013 Pedagogy: Elementary (Grades K-6) Subtest 2</b>	2,327	2,168	93.2%	2,430	2,299	94.6%	178	132	74.2%	266.4	17.5	245.6	17.3
<b>014 Pedagogy: Secondary (Grades 5-12) Subtest 1</b>	1,605	1,564	97.4%	1,638	1,607	98.1%	57	43	75.4%	267.7	13.2	244.1	14.2
<b>015 Pedagogy: Secondary (Grades 5-12) Subtest 2</b>	1,602	1,587	99.1%	1,616	1,603	99.2%	23	16	69.6%	273.8	12.4	244.8	18.1
<b>020 Early Childhood Education (Birth to Grade 3) Subtest 1</b>	420	378	90.0%	435	403	92.6%	40	26	65.0%	263.8	18.4	240.7	17.2
<b>021 Early Childhood Education (Birth to Grade 3) Subtest 2</b>	419	393	93.8%	428	410	95.8%	21	18	85.7%	266.6	17.5	250.2	19.1
<b>022 PrePrimary (Age 3 to PreKindergarten) Subtest 1</b>	71	70	98.6%	71	70	98.6%	--	--	--	271.3	13.7	--	--
<b>023 PrePrimary (Age 3 to PreKindergarten) Subtest 2</b>	71	63	88.7%	71	67	94.4%	5	4	80.0%	265.9	16.4	247.2	17.8
<b>024 Elementary Education (Grades K-6) Subtest 1</b>	1,848	1,642	88.9%	1,972	1,812	91.9%	234	170	72.6%	260.3	17.1	243.4	15.1
<b>025 Elementary Education (Grades K-6) Subtest 2</b>	1,844	1,707	92.6%	1,926	1,784	92.6%	133	77	57.9%	266.5	18.4	240.2	17.3

(Continued)

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**Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2017 - August 31, 2018**

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
026 Elementary Education (Grades K-6) Subtest 3	1,837	1,527	83.1%	2,088	1,764	84.5%	414	237	57.2%	255.9	19.6	238.2	15.0
030 Middle Level Communication Arts/Literature (Grades 5-8) Subtest 1	58	56	96.6%	59	57	96.6%	1	1	100.0%	266.5	15.5	268.0	--
031 Middle Level Communication Arts/Literature (Grades 5-8) Subtest 2	58	58	100.0%	59	59	100.0%	1	1	100.0%	271.3	11.2	292.0	--
032 Middle Level Social Studies (Grades 5-8) Subtest 1	62	61	98.4%	62	61	98.4%	1	0	0.0%	261.1	12.4	237.0	--
033 Middle Level Social Studies (Grades 5-8) Subtest 2	63	62	98.4%	64	64	100.0%	2	2	100.0%	265.1	13.4	251.0	4.2
034 Middle Level Mathematics (Grades 5-8) Subtest 1	107	66	61.7%	128	94	73.4%	41	28	68.3%	248.6	18.8	242.2	13.1
035 Middle Level Mathematics (Grades 5-8) Subtest 2	110	88	80.0%	123	99	80.5%	21	11	52.4%	254.0	17.7	240.7	12.5
036 Middle Level Science (Grades 5-8) Subtest 1	196	193	98.5%	198	195	98.5%	3	2	66.7%	271.5	14.2	242.3	16.0
037 Middle Level Science (Grades 5-8) Subtest 2	197	180	91.4%	205	189	92.2%	17	9	52.9%	266.3	17.5	240.4	11.7
050 Communication Arts/Literature (Grades 5-12) Subtest 1	299	295	98.7%	301	297	98.7%	5	3	60.0%	273.5	11.5	241.8	16.4
051 Communication Arts/Literature (Grades 5-12) Subtest 2	297	288	97.0%	302	293	97.0%	11	5	45.5%	266.0	14.6	243.3	17.2
052 Social Studies (Grades 5-12) Subtest 1	303	274	90.4%	329	301	91.5%	39	27	69.2%	259.2	16.8	240.4	11.9

(Continued)

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**Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2017 - August 31, 2018**

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
053 Social Studies (Grades 5-12) Subtest 2	302	223	73.8%	363	294	81.0%	107	71	66.4%	248.7	14.6	240.4	11.9
054 Mathematics (Grades 5-12) Subtest 1	173	116	67.1%	223	164	73.5%	85	48	56.5%	250.4	22.8	238.1	15.6
055 Mathematics (Grades 5-12) Subtest 2	167	135	80.8%	209	175	83.7%	65	40	61.5%	254.9	20.4	239.2	16.7
056 Health (Grades 5-12) Subtest 1	120	120	100.0%	123	123	100.0%	3	3	100.0%	270.4	11.9	259.0	10.1
057 Health (Grades 5-12) Subtest 2	121	119	98.3%	122	120	98.4%	1	1	100.0%	269.2	12.0	259.0	--
058 Chemistry (Grades 9-12) Subtest 1	74	71	95.9%	74	72	97.3%	2	1	50.0%	269.0	15.7	237.0	4.2
059 Chemistry (Grades 9-12) Subtest 2	72	71	98.6%	72	72	100.0%	1	1	100.0%	271.3	13.5	259.0	--
060 Earth and Space Science (Grades 9-12) Subtest 1	19	14	73.7%	19	18	94.7%	4	4	100.0%	252.8	13.0	246.0	6.9
061 Earth and Space Science (Grades 9-12) Subtest 2	19	9	47.4%	23	18	78.3%	12	9	75.0%	245.8	21.4	245.3	21.1
062 Life Science (Grades 9-12) Subtest 1	144	123	85.4%	156	137	87.8%	21	14	66.7%	258.8	18.7	243.7	14.1
063 Life Science (Grades 9-12) Subtest 2	144	127	88.2%	158	144	91.1%	25	17	68.0%	256.9	18.4	239.8	17.3
064 Physics (Grades 9-12) Subtest 1	35	21	60.0%	40	26	65.0%	9	5	55.6%	254.0	27.8	239.0	10.1
065 Physics (Grades 9-12) Subtest 2	32	16	50.0%	40	20	50.0%	10	4	40.0%	238.6	37.0	224.3	29.1

(Continued)

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**Minnesota Teacher Licensure Examinations (MTLE)**  
**September 1, 2017 - August 31, 2018**

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
080 Technology (Grades 5-12) Subtest 1	12	11	91.7%	12	12	100.0%	1	1	100.0%	255.0	11.4	243.0	--
081 Technology (Grades 5-12) Subtest 2	12	9	75.0%	12	10	83.3%	2	1	50.0%	256.8	12.8	246.0	12.7
082 Business (Grades 5-12) Subtest 1	25	17	68.0%	26	22	84.6%	6	5	83.3%	249.6	14.1	245.7	10.8
083 Business (Grades 5-12) Subtest 2	26	18	69.2%	26	22	84.6%	5	4	80.0%	253.3	15.5	239.2	11.1
084 Family and Consumer Sciences (Grades 5-12) Subtest 1	28	28	100.0%	28	28	100.0%	--	--	--	269.4	12.5	--	--
085 Family and Consumer Sciences (Grades 5-12) Subtest 2	28	26	92.9%	28	28	100.0%	2	2	100.0%	257.5	11.7	253.0	2.8
086 Agricultural Education (Grades 5-12) Subtest 1	20	20	100.0%	21	21	100.0%	1	1	100.0%	259.1	11.0	254.0	--
087 Agricultural Education (Grades 5-12) Subtest 2	20	19	95.0%	20	19	95.0%	--	--	--	262.9	11.9	--	--
100 Reading Teacher (Grades K-12) Subtest 1	249	239	96.0%	254	245	96.5%	9	6	66.7%	269.5	16.1	243.1	19.3
101 Reading Teacher (Grades K-12) Subtest 2	248	232	93.5%	256	239	93.4%	17	7	41.2%	266.2	18.0	233.9	16.4
102 Library Media Specialist (Grades K-12) Subtest 1	34	33	97.1%	35	33	94.3%	1	0	0.0%	260.7	14.6	224.0	--
103 Library Media Specialist (Grades K-12) Subtest 2	34	34	100.0%	36	35	97.2%	2	1	50.0%	259.5	12.2	235.5	6.4

(Continued)

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**Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2017 - August 31, 2018**

	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>													
104 Visual Arts (Grades K-12) Subtest 1	121	109	90.1%	125	114	91.2%	10	5	50.0%	261.8	17.5	239.9	12.9
105 Visual Arts (Grades K-12) Subtest 2	121	94	77.7%	129	114	88.4%	25	20	80.0%	254.9	15.8	244.8	12.6
106 Instrumental and Vocal Classroom Music (Grades K-12) Subtest 1	158	153	96.8%	159	156	98.1%	3	3	100.0%	268.3	14.3	247.7	7.5
108 Theatre (Grades K-12) Subtest 1	16	13	81.3%	16	13	81.3%	1	0	0.0%	259.0	20.0	226.0	--
109 Theatre (Grades K-12) Subtest 2	16	16	100.0%	16	16	100.0%	--	--	--	270.6	13.7	--	--
110 Dance (Grades K-12) Subtest 1	13	12	92.3%	13	13	100.0%	1	1	100.0%	261.5	12.4	258.0	--
111 Dance (Grades K-12) Subtest 2	13	13	100.0%	13	13	100.0%	--	--	--	265.1	8.8	--	--
112 Physical Education (Grades K-12) Subtest 1	161	160	99.4%	163	162	99.4%	3	2	66.7%	264.0	12.4	243.7	20.0
113 Physical Education (Grades K-12) Subtest 2	159	155	97.5%	165	161	97.6%	9	6	66.7%	264.1	13.3	243.6	17.5
114 English as a Second Language (Grades K-12) Subtest 1	233	226	97.0%	240	230	95.8%	8	4	50.0%	266.8	15.0	239.8	14.6
115 English as a Second Language (Grades K-12) Subtest 2	233	206	88.4%	258	229	88.8%	39	23	59.0%	259.7	19.1	238.2	13.7

(Continued)

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**Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2017 - August 31, 2018**

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
130 Computer, Keyboarding, and Related Technology (Grades K-12) Subtest 1	13	13	100.0 %	13	13	100.0 %	--	--	--	272.4	10.1	--	--
131 Computer, Keyboarding, and Related Technology (Grades K-12) Subtest 2	14	14	100.0 %	14	14	100.0 %	--	--	--	272.4	9.6	--	--
158 World Language and Culture: Chinese (Mandarin) (Grades K-12) Subtest 1	7	7	100.0 %	7	7	100.0 %	--	--	--	286.3	11.1	--	--
159 World Language and Culture: Chinese (Mandarin) (Grades K-12) Subtest 2	8	7	87.5%	8	7	87.5%	1	0	0.0%	280.0	56.6	140.0	--
160 World Language and Culture: French (Grades K-12) Subtest 1	8	8	100.0 %	9	9	100.0 %	1	1	100.0 %	266.3	12.4	256.0	--
161 World Language and Culture: French (Grades K-12) Subtest 2	7	7	100.0 %	12	10	83.3%	5	3	60.0%	272.0	33.7	247.2	39.4
162 World Language and Culture: German (Grades K-12) Subtest 1	7	7	100.0 %	7	7	100.0 %	--	--	--	272.0	12.4	--	--
163 World Language and Culture: German (Grades K-12) Subtest 2	8	7	87.5%	9	7	77.8%	1	0	0.0%	271.4	32.2	231.0	--
164 World Language and Culture: Spanish (Grades K-12) Subtest 1	107	82	76.6%	116	96	82.8%	22	14	63.6%	257.6	22.4	238.0	19.5

(Continued)

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**Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2017 - August 31, 2018**

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
165 World Language and Culture: Spanish (Grades K-12) Subtest 2	105	97	92.4%	112	105	93.8%	8	8	100.0%	272.9	24.0	264.6	19.6
184 Instrumental Classroom Music (Grades K-12) Subtest 2	91	77	84.6%	107	90	84.1%	23	13	56.5%	254.8	16.7	239.5	9.7
185 Vocal Classroom Music (Grades K-12) Subtest 2	91	88	96.7%	94	92	97.9%	4	4	100.0%	263.2	14.6	253.5	9.7
186 Special Education Core Skills (Birth to Age 21) Subtest 1	874	683	78.1%	1,037	830	80.0%	257	147	57.2%	253.8	22.2	237.7	19.0
187 Special Education Core Skills (Birth to Age 21) Subtest 2	882	705	79.9%	1,036	832	80.3%	243	127	52.3%	253.9	24.9	234.6	23.3
188 MN NES Essential Academic Skills I: Reading	2,560	2,247	87.8%	2,739	2,401	87.7%	259	154	59.5%	550.4	29.1	519.6	26.5
189 MN NES Essential Academic Skills II: Writing	2,634	1,855	70.4%	3,153	2,277	72.2%	726	422	58.1%	530.1	27.2	516.9	22.6
190 MN NES Essential Academic Skills III: Mathematics	2,601	1,951	75.0%	2,973	2,271	76.4%	556	322	57.9%	539.7	34.4	517.9	26.6

**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.

Appendix B:  
Test Form Statistics Report

**Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2017 - August 31, 2018**

**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	29	281	--	--	--	--	40	--	--	--	--	--	--	
	B	27	281	--	--	--	--	40	--	--	--	--	--	--	
	C	30	281	--	--	--	--	40	--	--	--	--	--	--	
	D	20	280	--	--	--	--	40	--	--	--	--	--	--	
	E	118	283	5.4	0.99	--	--	40	2.9	2.2	0.75	--	--	--	
	F	113	283	5.6	0.99	--	--	40	3.0	2.2	0.70	--	--	--	
011 Pedagogy: Early Childhood (Birth to Grade 3) Subtest 2	A	30	280	--	--	--	--	40	--	--	--	--	--	--	
	B	27	278	--	--	--	--	40	--	--	--	--	--	--	
	C	19	276	--	--	--	--	40	--	--	--	--	--	--	
	D	27	276	--	--	--	--	40	--	--	--	--	--	--	
	E	104	280	6.0	0.99	--	--	40	3.0	2.2	0.71	--	--	--	
	F	127	280	6.1	0.99	--	--	40	3.0	2.3	0.72	--	--	--	

(Continued)

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

**Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2017 - August 31, 2018**

**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	199	267	9.5	0.97	--	--	40	2.9	2.4	0.59	--	--	--	
	B	215	267	9.4	0.96	--	--	40	2.9	2.4	0.63	--	--	--	
	C	190	264	9.7	0.92	--	--	40	2.9	2.4	0.71	--	--	--	
	D	164	266	9.7	0.95	--	--	40	2.9	2.4	0.63	--	--	--	
	E	239	262	10.0	0.90	--	--	40	2.9	2.5	0.69	--	--	--	
	F	210	262	9.9	0.91	--	--	40	2.9	2.5	0.64	--	--	--	
	G	247	263	9.7	0.93	--	--	40	2.9	2.4	0.66	--	--	--	
	H	243	263	9.8	0.93	--	--	40	2.9	2.5	0.63	--	--	--	
	J	173	264	9.5	0.94	--	--	40	2.9	2.4	0.70	--	--	--	
	K	202	265	9.2	0.94	--	--	40	2.9	2.5	0.64	--	--	--	
	L	227	263	9.7	0.92	--	--	40	2.9	2.4	0.69	--	--	--	
	M	192	263	9.7	0.93	--	--	40	2.9	2.4	0.69	--	--	--	

(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		
013 Pedagogy: Elementary (Grades K-6) Subtest 2	A	207	267	10.2	0.93	--	--	40	2.8	2.2	0.75	--	--	--	
	B	222	267	10.3	0.94	--	--	40	2.8	2.2	0.64	--	--	--	
	C	170	265	10.6	0.92	--	--	40	2.8	2.3	0.66	--	--	--	
	D	191	262	10.8	0.90	--	--	40	2.8	2.3	0.67	--	--	--	
	E	259	264	10.6	0.94	--	--	40	2.8	2.3	0.68	--	--	--	
	F	223	268	10.4	0.95	--	--	40	2.9	2.3	0.60	--	--	--	
	G	215	262	11.1	0.92	--	--	40	2.9	2.4	0.67	--	--	--	
	H	226	263	10.6	0.93	--	--	40	2.8	2.3	0.63	--	--	--	
	J	196	265	10.7	0.92	--	--	40	2.9	2.3	0.75	--	--	--	
	K	221	263	10.7	0.89	--	--	40	2.8	2.3	0.73	--	--	--	
	L	208	266	10.5	0.92	--	--	40	2.8	2.3	0.69	--	--	--	
M	200	263	10.8	0.92	--	--	40	2.8	2.3	0.70	--	--	--		

(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		
014 Pedagogy: Secondary (Grades 5-12) Subtest 1	A	269	265	8.9	0.97	--	--	40	3.0	2.5	0.57	--	--	--	
	B	265	267	8.8	0.97	--	--	40	3.0	2.5	0.56	--	--	--	
	C	184	266	8.6	0.97	--	--	40	3.0	2.6	0.62	--	--	--	
	D	191	267	8.8	0.96	--	--	40	3.0	2.5	0.69	--	--	--	
	E	203	267	8.4	0.97	--	--	40	3.0	2.5	0.66	--	--	--	
	F	226	267	8.6	0.95	--	--	40	3.0	2.4	0.65	--	--	--	
	G	161	268	8.5	0.97	--	--	40	3.0	2.4	0.64	--	--	--	
	H	179	268	8.7	0.95	--	--	40	3.0	2.5	0.68	--	--	--	
015 Pedagogy: Secondary (Grades 5-12) Subtest 2	A	264	274	7.8	0.99	--	--	40	3.0	2.3	0.61	--	--	--	
	B	258	275	7.5	0.99	--	--	40	2.9	2.3	0.62	--	--	--	
	C	170	274	7.8	0.99	--	--	40	2.9	2.2	0.52	--	--	--	
	D	156	271	8.2	0.98	--	--	40	3.0	2.3	0.64	--	--	--	
	E	175	273	8.0	0.98	--	--	40	2.9	2.3	0.66	--	--	--	
	F	186	273	8.0	0.98	--	--	40	3.0	2.3	0.59	--	--	--	

(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			G Coefficient						
						Fixed	Random		Length	Keats' SEM		Computed SEM	KR20	I Fixed	I Random
015 Pedagogy: Secondary (Grades 5-12) Subtest 2	G	200	274	7.6	0.99	--	--	40	3.0	2.3	0.67	--	--	--	
	H	217	272	8.0	0.99	--	--	40	2.9	2.3	0.66	--	--	--	
020 Early Childhood Education (Birth to Grade 3) Subtest 1	A	117	259	10.3	0.89	--	--	40	2.8	2.4	0.77	--	--	--	
	B	127	260	9.5	0.90	--	--	40	2.8	2.4	0.81	--	--	--	
	C	111	261	9.5	0.89	--	--	40	2.8	2.4	0.80	--	--	--	
	D	125	259	10.1	0.86	--	--	40	2.8	2.4	0.80	--	--	--	
021 Early Childhood Education (Birth to Grade 3) Subtest 2	A	18	257	--	--	--	--	40	--	--	--	--	--	--	
	B	16	268	--	--	--	--	40	--	--	--	--	--	--	
	C	192	266	9.6	0.93	--	--	40	2.9	2.4	0.74	--	--	--	
	D	216	266	9.0	0.93	--	--	40	2.8	2.3	0.75	--	--	--	

(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		
022 PrePrimary (Age 3 to PreKindergarten) Subtest 1	A	36	271	--	--	--	--	40	--	--	--	--	--	--	
	B	35	272	--	--	--	--	40	--	--	--	--	--	--	
023 PrePrimary (Age 3 to PreKindergarten) Subtest 2	A	38	266	--	--	--	--	40	--	--	--	--	--	--	
	B	38	260	--	--	--	--	40	--	--	--	--	--	--	
024 Elementary Education (Grades K-6) Subtest 1	A	180	254	10.2	0.83	--	--	40	2.8	2.6	0.71	--	--	--	
	B	183	258	10.0	0.89	--	--	40	2.9	2.5	0.70	--	--	--	
	C	446	258	10.0	0.85	--	--	40	2.9	2.5	0.70	--	--	--	
	D	121	257	10.1	0.87	--	--	40	2.8	2.5	0.65	--	--	--	
	E	107	259	10.0	0.86	--	--	40	2.9	2.5	0.69	--	--	--	
	F	137	255	10.3	0.81	--	--	40	2.9	2.6	0.69	--	--	--	
	G	125	259	10.1	0.85	--	--	40	2.9	2.5	0.71	--	--	--	
	H	186	260	9.9	0.88	--	--	40	2.9	2.5	0.75	--	--	--	
	J	165	257	10.3	0.86	--	--	40	2.9	2.6	0.72	--	--	--	

(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		
024 Elementary Education (Grades K-6) Subtest 1	K	475	259	10.0	0.86	--	--	40	2.9	2.5	0.71	--	--	--	
025 Elementary Education (Grades K-6) Subtest 2	A	375	263	9.2	0.90	--	--	40	2.9	2.4	0.80	--	--	--	
	B	431	263	9.1	0.91	--	--	40	2.9	2.4	0.80	--	--	--	
	C	229	264	9.1	0.91	--	--	40	2.9	2.4	0.79	--	--	--	
	D	219	263	9.2	0.89	--	--	40	2.9	2.4	0.81	--	--	--	
	E	23	261	--	--	--	--	40	--	--	--	--	--	--	
	F	102	267	8.6	0.93	--	--	40	2.8	2.3	0.79	--	--	--	
	G	34	266	--	--	--	--	40	--	--	--	--	--	--	
	H	118	268	8.1	0.95	--	--	40	2.9	2.3	0.80	--	--	--	
	J	72	266	--	--	--	--	40	--	--	--	--	--	--	
	K	173	267	8.3	0.95	--	--	40	2.9	2.4	0.78	--	--	--	
	L	81	266	--	--	--	--	40	--	--	--	--	--	--	
	M	63	267	--	--	--	--	40	--	--	--	--	--	--	
N	103	267	8.4	0.95	--	--	40	2.9	2.4	0.80	--	--	--		

(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		
026 Elementary Education (Grades K-6) Subtest 3	A	180	252	10.0	0.80	--	--	40	3.0	2.7	0.79	--	--	--	
	B	208	249	10.3	0.82	--	--	40	3.0	2.7	0.76	--	--	--	
	C	186	250	9.9	0.85	--	--	40	2.9	2.6	0.81	--	--	--	
	D	199	250	9.8	0.83	--	--	40	2.9	2.6	0.83	--	--	--	
	E	129	250	10.1	0.85	--	--	40	2.9	2.7	0.79	--	--	--	
	F	116	251	9.9	0.80	--	--	40	2.9	2.6	0.82	--	--	--	
	G	478	250	10.0	0.83	--	--	40	2.9	2.7	0.78	--	--	--	
	H	498	251	10.0	0.85	--	--	40	2.9	2.7	0.77	--	--	--	
	J	145	259	9.7	0.87	--	--	40	3.0	2.6	0.75	--	--	--	
	K	140	252	10.1	0.88	--	--	40	3.0	2.7	0.77	--	--	--	
	L	104	254	9.9	0.83	--	--	40	2.9	2.6	0.75	--	--	--	
M	86	252	--	--	--	--	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							G Coefficient		
						Fixed	Random	Length	Keats' SEM	Computed SEM	KR20	I Fixed	I Random		
030 Middle Level Communication Arts/Literature (Grades 5-8) Subtest 1	A	22	264	--	--	--	--	40	--	--	--	--	--	--	--
	B	18	272	--	--	--	--	40	--	--	--	--	--	--	--
	C	11	265	--	--	--	--	40	--	--	--	--	--	--	--
	D	8	--	--	--	--	--	40	--	--	--	--	--	--	--
031 Middle Level Communication Arts/Literature (Grades 5-8) Subtest 2	A	31	272	--	--	--	--	40	--	--	--	--	--	--	--
	B	28	271	--	--	--	--	40	--	--	--	--	--	--	--
032 Middle Level Social Studies (Grades 5-8) Subtest 1	A	35	259	--	--	--	--	40	--	--	--	--	--	--	--
	B	29	261	--	--	--	--	40	--	--	--	--	--	--	--
033 Middle Level Social Studies (Grades 5-8) Subtest 2	A	33	265	--	--	--	--	40	--	--	--	--	--	--	--
	B	33	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		
034 Middle Level Mathematics (Grades 5-8) Subtest 1	A	37	244	--	--	--	--	40	--	--	--	--	--	--	--
	B	41	243	--	--	--	--	40	--	--	--	--	--	--	--
	C	41	244	--	--	--	--	40	--	--	--	--	--	--	--
	D	38	248	--	--	--	--	40	--	--	--	--	--	--	--
035 Middle Level Mathematics (Grades 5-8) Subtest 2	A	34	249	--	--	--	--	40	--	--	--	--	--	--	--
	B	31	253	--	--	--	--	40	--	--	--	--	--	--	--
	C	37	253	--	--	--	--	40	--	--	--	--	--	--	--
	D	33	251	--	--	--	--	40	--	--	--	--	--	--	--
036 Middle Level Science (Grades 5-8) Subtest 1	A	40	270	--	--	--	--	40	--	--	--	--	--	--	--
	B	39	273	--	--	--	--	40	--	--	--	--	--	--	--
	C	2	--	--	--	--	--	40	--	--	--	--	--	--	--
	D	51	271	--	--	--	--	40	--	--	--	--	--	--	--
	E	67	271	--	--	--	--	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		
037 Middle Level Science (Grades 5-8) Subtest 2	A	35	263	--	--	--	--	40	--	--	--	--	--	--	
	B	32	271	--	--	--	--	40	--	--	--	--	--	--	
	C	69	260	--	--	--	--	40	--	--	--	--	--	--	
	D	79	266	--	--	--	--	40	--	--	--	--	--	--	
050 Communication Arts/Literature (Grades 5-12) Subtest 1	A	5	--	--	--	--	--	40	--	--	--	--	--	--	
	B	11	281	--	--	--	--	40	--	--	--	--	--	--	
	C	132	273	7.4	0.98	--	--	40	3.0	2.4	0.63	--	--	--	
	D	137	271	7.7	0.98	--	--	40	2.9	2.3	0.66	--	--	--	
	E	12	278	--	--	--	--	40	--	--	--	--	--	--	
	F	9	--	--	--	--	--	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		
051 Communication Arts/Literature (Grades 5-12) Subtest 2	A	33	263	--	--	--	--	40	--	--	--	--	--	--	
	B	34	267	--	--	--	--	40	--	--	--	--	--	--	
	C	35	268	--	--	--	--	40	--	--	--	--	--	--	
	D	43	262	--	--	--	--	40	--	--	--	--	--	--	
	E	30	265	--	--	--	--	40	--	--	--	--	--	--	
	F	53	264	--	--	--	--	40	--	--	--	--	--	--	
	G	54	266	--	--	--	--	40	--	--	--	--	--	--	
	H	29	266	--	--	--	--	40	--	--	--	--	--	--	
052 Social Studies (Grades 5-12) Subtest 1	A	161	257	9.2	0.82	--	--	40	2.9	2.6	0.73	--	--	--	
	B	186	258	8.7	0.87	--	--	40	2.9	2.6	0.76	--	--	--	

(Continued)

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Test Field and Form		Total Test Scaled Score Indices										Constructed-Response Section		Pearson Corr. of MC & OR Section Scores
		Number of Tests Taken	Mean	SEM	Decision Consistency	Stratified Alpha		Multiple-Choice Section				G Coefficient		
						Fixed	Random	Length	Keats' SEM	Computed SEM	KR20	I Fixed	I Random	
053 Social Studies (Grades 5-12) Subtest 2	A	125	244	9.6	0.75	--	--	40	2.8	2.7	0.65	--	--	--
	B	134	245	9.8	0.66	--	--	40	2.9	2.8	0.61	--	--	--
	C	97	244	--	--	--	--	40	--	--	--	--	--	--
	D	88	247	--	--	--	--	40	--	--	--	--	--	--
054 Mathematics (Grades 5-12) Subtest 1	A	1	--	--	--	--	--	40	--	--	--	--	--	--
	B	10	246	--	--	--	--	40	--	--	--	--	--	--
	C	3	--	--	--	--	--	40	--	--	--	--	--	--
	D	2	--	--	--	--	--	40	--	--	--	--	--	--
	E	146	248	9.6	0.84	--	--	40	3.0	2.7	0.83	--	--	--
	F	123	241	10.0	0.74	--	--	40	3.0	2.8	0.78	--	--	--

(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		
055 Mathematics (Grades 5-12) Subtest 2	A	52	244	--	--	--	--	40	--	--	--	--	--	--	
	B	42	254	--	--	--	--	40	--	--	--	--	--	--	
	C	44	250	--	--	--	--	40	--	--	--	--	--	--	
	D	37	252	--	--	--	--	40	--	--	--	--	--	--	
	E	36	255	--	--	--	--	40	--	--	--	--	--	--	
	F	35	252	--	--	--	--	40	--	--	--	--	--	--	
056 Health (Grades 5-12) Subtest 1	A	63	269	--	--	--	--	40	--	--	--	--	--	--	
	B	60	272	--	--	--	--	40	--	--	--	--	--	--	
057 Health (Grades 5-12) Subtest 2	A	57	270	--	--	--	--	40	--	--	--	--	--	--	
	B	65	268	--	--	--	--	40	--	--	--	--	--	--	
058 Chemistry (Grades 9-12) Subtest 1	A	44	267	--	--	--	--	40	--	--	--	--	--	--	
	B	34	267	--	--	--	--	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		
059 Chemistry (Grades 9-12) Subtest 2	A	33	273	--	--	--	--	40	--	--	--	--	--	--	
	B	40	269	--	--	--	--	40	--	--	--	--	--	--	
060 Earth and Space Science (Grades 9-12) Subtest 1	A	13	250	--	--	--	--	40	--	--	--	--	--	--	
	B	10	247	--	--	--	--	40	--	--	--	--	--	--	
061 Earth and Space Science (Grades 9-12) Subtest 2	A	20	236	--	--	--	--	40	--	--	--	--	--	--	
	B	18	236	--	--	--	--	40	--	--	--	--	--	--	
062 Life Science (Grades 9-12) Subtest 1	A	80	257	--	--	--	--	40	--	--	--	--	--	--	
	B	90	256	--	--	--	--	40	--	--	--	--	--	--	
063 Life Science (Grades 9-12) Subtest 2	A	88	250	--	--	--	--	40	--	--	--	--	--	--	
	B	95	256	--	--	--	--	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		
064 Physics (Grades 9-12) Subtest 1	A	22	256	--	--	--	--	40	--	--	--	--	--	--	--
	B	24	244	--	--	--	--	40	--	--	--	--	--	--	--
065 Physics (Grades 9-12) Subtest 2	A	25	236	--	--	--	--	40	--	--	--	--	--	--	--
	B	21	233	--	--	--	--	40	--	--	--	--	--	--	--
080 Technology (Grades 5-12) Subtest 1	A	13	253	--	--	--	--	40	--	--	--	--	--	--	--
081 Technology (Grades 5-12) Subtest 2	A	15	251	--	--	--	--	40	--	--	--	--	--	--	--
082 Business (Grades 5-12) Subtest 1	A	16	247	--	--	--	--	40	--	--	--	--	--	--	--
	B	17	245	--	--	--	--	40	--	--	--	--	--	--	--
083 Business (Grades 5-12) Subtest 2	A	16	248	--	--	--	--	40	--	--	--	--	--	--	--
	B	16	251	--	--	--	--	40	--	--	--	--	--	--	--
084 Family and Consumer Sciences (Grades 5-12) Subtest 1	A	28	269	--	--	--	--	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	
085 Family and Consumer Sciences (Grades 5-12) Subtest 2	A	16	257	--	--	--	--	40	--	--	--	--	--	--
	B	15	253	--	--	--	--	40	--	--	--	--	--	--
086 Agricultural Education (Grades 5-12) Subtest 1	A	10	256	--	--	--	--	40	--	--	--	--	--	--
	B	11	262	--	--	--	--	40	--	--	--	--	--	--
087 Agricultural Education (Grades 5-12) Subtest 2	A	12	263	--	--	--	--	40	--	--	--	--	--	--
	B	8	--	--	--	--	--	40	--	--	--	--	--	--
100 Reading Teacher (Grades K-12) Subtest 1	A	15	262	--	--	--	--	40	--	--	--	--	--	--
	B	18	265	--	--	--	--	40	--	--	--	--	--	--
	C	21	273	--	--	--	--	40	--	--	--	--	--	--
	D	13	271	--	--	--	--	40	--	--	--	--	--	--
	E	96	269	--	--	--	--	40	--	--	--	--	--	--
	F	96	268	--	--	--	--	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			G Coefficient						
						Fixed	Random		Length	Keats' SEM		Computed SEM	KR20	I Fixed	I Random
101 Reading Teacher (Grades K-12) Subtest 2	A	17	259	--	--	--	--	40	--	--	--	--	--	--	--
	B	17	260	--	--	--	--	40	--	--	--	--	--	--	--
	C	16	262	--	--	--	--	40	--	--	--	--	--	--	--
	D	20	267	--	--	--	--	40	--	--	--	--	--	--	--
	E	103	266	8.9	0.93	--	--	40	2.9	2.4	0.77	--	--	--	--
	F	97	264	--	--	--	--	40	--	--	--	--	--	--	--
102 Library Media Specialist (Grades K-12) Subtest 1	A	18	259	--	--	--	--	40	--	--	--	--	--	--	--
	B	17	262	--	--	--	--	40	--	--	--	--	--	--	--
103 Library Media Specialist (Grades K-12) Subtest 2	A	22	253	--	--	--	--	40	--	--	--	--	--	--	--
	B	20	253	--	--	--	--	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		
104 Visual Arts (Grades K-12) Subtest 1	A	6	--	--	--	--	--	40	--	--	--	--	--	--	
	B	2	--	--	--	--	--	40	--	--	--	--	--	--	
	C	68	258	--	--	--	--	40	--	--	--	--	--	--	
	D	59	260	--	--	--	--	40	--	--	--	--	--	--	
105 Visual Arts (Grades K-12) Subtest 2	A	15	253	--	--	--	--	40	--	--	--	--	--	--	
	B	74	250	--	--	--	--	40	--	--	--	--	--	--	
	C	63	253	--	--	--	--	40	--	--	--	--	--	--	
106 Instrumental and Vocal Classroom Music (Grades K-12) Subtest 1	A	64	269	--	--	--	--	40	--	--	--	--	--	--	
	B	50	269	--	--	--	--	40	--	--	--	--	--	--	
	C	26	264	--	--	--	--	40	--	--	--	--	--	--	
	D	24	263	--	--	--	--	40	--	--	--	--	--	--	
108 Theatre (Grades K-12) Subtest 1	A	17	257	--	--	--	--	40	--	--	--	--	--	--	
109 Theatre (Grades K-12) Subtest 2	A	16	271	--	--	--	--	40	--	--	--	--	--	--	
110 Dance (Grades K-12) Subtest 1	A	14	260	--	--	--	--	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		
111 Dance (Grades K-12) Subtest 2	A	13	265	--	--	--	--	40	--	--	--	--	--	--	--
112 Physical Education (Grades K-12) Subtest 1	A	81	264	--	--	--	--	40	--	--	--	--	--	--	--
	B	82	264	--	--	--	--	40	--	--	--	--	--	--	--
	C	1	--	--	--	--	--	40	--	--	--	--	--	--	--
113 Physical Education (Grades K-12) Subtest 2	A	88	263	--	--	--	--	40	--	--	--	--	--	--	--
	B	79	264	--	--	--	--	40	--	--	--	--	--	--	--
	C	1	--	--	--	--	--	40	--	--	--	--	--	--	--
114 English as a Second Language (Grades K-12) Subtest 1	A	1	--	--	--	--	--	40	--	--	--	--	--	--	--
	B	12	272	--	--	--	--	40	--	--	--	--	--	--	--
	C	12	268	--	--	--	--	40	--	--	--	--	--	--	--
	D	111	265	8.4	0.94	--	--	40	3.0	2.5	0.76	--	--	--	--
	E	106	267	7.9	0.98	--	--	40	2.9	2.5	0.66	--	--	--	--

(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		
115 English as a Second Language (Grades K-12) Subtest 2	A	1	--	--	--	--	--	40	--	--	--	--	--	--	
	B	146	256	9.2	0.86	--	--	40	2.9	2.6	0.81	--	--	--	
	C	139	257	9.7	0.86	--	--	40	2.9	2.6	0.78	--	--	--	
130 Computer, Keyboarding, and Related Technology (Grades K-12) Subtest 1	A	13	272	--	--	--	--	40	--	--	--	--	--	--	
131 Computer, Keyboarding, and Related Technology (Grades K-12) Subtest 2	A	14	272	--	--	--	--	40	--	--	--	--	--	--	
158 World Language and Culture: Chinese (Mandarin) (Grades K-12) Subtest 1	A	4	--	--	--	--	--	--	--	--	--	--	--	--	
	B	3	--	--	--	--	--	--	--	--	--	--	--	--	

(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		
159 World Language and Culture: Chinese (Mandarin) (Grades K-12) Subtest 2	A	5	--	--	--	--	--	--	--	--	--	--	--	--	--
	B	4	--	--	--	--	--	--	--	--	--	--	--	--	--
160 World Language and Culture: French (Grades K-12) Subtest 1	A	9	--	--	--	--	--	80	--	--	--	--	--	--	--
161 World Language and Culture: French (Grades K-12) Subtest 2	A	4	--	--	--	--	--	--	--	--	--	--	--	--	--
	B	6	--	--	--	--	--	--	--	--	--	--	--	--	--
	C	4	--	--	--	--	--	--	--	--	--	--	--	--	--
162 World Language and Culture: German (Grades K-12) Subtest 1	A	7	--	--	--	--	--	80	--	--	--	--	--	--	--
163 World Language and Culture: German (Grades K-12) Subtest 2	A	4	--	--	--	--	--	--	--	--	--	--	--	--	--
	B	2	--	--	--	--	--	--	--	--	--	--	--	--	--
	C	3	--	--	--	--	--	--	--	--	--	--	--	--	--

(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		
164 World Language and Culture: Spanish (Grades K-12) Subtest 1	A	1	--	--	--	--	--	80	--	--	--	--	--	--	
	B	2	--	--	--	--	--	80	--	--	--	--	--	--	
	C	31	242	--	--	--	--	80	--	--	--	--	--	--	
	D	28	246	--	--	--	--	80	--	--	--	--	--	--	
	E	44	258	--	--	--	--	80	--	--	--	--	--	--	
	F	33	254	--	--	--	--	80	--	--	--	--	--	--	
165 World Language and Culture: Spanish (Grades K-12) Subtest 2	A	10	277	--	--	--	--	--	--	--	--	--	--	--	
	B	31	268	--	--	--	--	--	--	--	--	--	--	--	
	C	25	276	--	--	--	--	--	--	--	--	--	--	--	
	D	20	274	--	--	--	--	--	--	--	--	--	--	--	
	E	27	272	--	--	--	--	--	--	--	--	--	--	--	

(Continued)

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**Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2017 - August 31, 2018**

**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		
184 Instrumental Classroom Music (Grades K-12) Subtest 2	A	10	248	--	--	--	--	40	--	--	--	--	--	--	
	B	12	249	--	--	--	--	40	--	--	--	--	--	--	
	C	60	250	--	--	--	--	40	--	--	--	--	--	--	
	D	47	250	--	--	--	--	40	--	--	--	--	--	--	
185 Vocal Classroom Music (Grades K-12) Subtest 2	A	53	266	--	--	--	--	40	--	--	--	--	--	--	
	B	42	259	--	--	--	--	40	--	--	--	--	--	--	
186 Special Education Core Skills (Birth to Age 21) Subtest 1	A	1	--	--	--	--	--	40	--	--	--	--	--	--	
	B	255	249	12.6	0.79	--	--	40	2.7	2.5	0.72	--	--	--	
	C	203	248	12.9	0.76	--	--	40	2.8	2.6	0.68	--	--	--	
	D	378	249	12.4	0.83	--	--	40	2.7	2.5	0.76	--	--	--	
	E	381	249	12.7	0.78	--	--	40	2.8	2.5	0.71	--	--	--	

(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		
187 Special Education Core Skills (Birth to Age 21) Subtest 2	A	1	--	--	--	--	--	40	--	--	--	--	--	--	
	B	248	251	13.6	0.79	--	--	40	2.8	2.5	0.72	--	--	--	
	C	207	247	13.7	0.78	--	--	40	2.7	2.5	0.74	--	--	--	
	D	392	250	13.6	0.81	--	--	40	2.8	2.5	0.74	--	--	--	
	E	372	247	13.7	0.81	--	--	40	2.7	2.5	0.76	--	--	--	
188 MN NES Essential Academic Skills I: Reading	A	6	--	--	--	--	--	35	--	--	--	--	--	--	
	B	462	552	13.6	0.90	--	--	35	2.7	2.2	0.81	--	--	--	
	C	502	549	14.1	0.89	--	--	35	2.7	2.3	0.75	--	--	--	
	D	562	544	14.4	0.86	--	--	35	2.7	2.3	0.78	--	--	--	
	E	528	548	14.7	0.88	--	--	35	2.6	2.2	0.74	--	--	--	
	F	206	546	14.5	0.90	--	--	35	2.6	2.2	0.85	--	--	--	
	G	221	546	14.0	0.86	--	--	35	2.7	2.3	0.79	--	--	--	
	H	189	549	13.9	0.86	--	--	35	2.7	2.3	0.80	--	--	--	
	J	193	550	13.7	0.90	--	--	35	2.7	2.2	0.82	--	--	--	

(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		
189 MN NES Essential Academic Skills II: Writing	A	9	--	--	--	--	--	30	--	--	--	--	--	--	
	B	770	529	15.9	0.80	0.79	0.79	30	2.4	2.2	0.71	0.85	0.85	0.38	
	C	681	526	15.8	0.81	0.79	0.79	30	2.4	2.2	0.70	0.86	0.86	0.38	
	D	531	523	15.6	0.80	0.77	0.77	30	2.4	2.3	0.66	0.87	0.87	0.37	
	E	565	526	15.7	0.83	0.79	0.79	30	2.4	2.2	0.70	0.89	0.89	0.40	
	F	265	524	15.7	0.81	0.79	0.79	30	2.5	2.3	0.69	0.89	0.89	0.39	
	G	272	526	14.8	0.84	0.82	0.82	30	2.5	2.3	0.71	0.91	0.91	0.47	
	H	247	530	15.2	0.85	0.83	0.83	30	2.5	2.2	0.74	0.86	0.86	0.45	
	J	247	524	15.6	0.82	0.83	0.83	30	2.5	2.3	0.75	0.89	0.89	0.44	
190 MN NES Essential Academic Skills III: Mathematics	A	6	--	--	--	--	--	36	--	--	--	--	--	--	
	B	537	536	14.7	0.84	--	--	36	2.7	2.4	0.81	--	--	--	
	C	522	536	14.7	0.84	--	--	36	2.7	2.4	0.84	--	--	--	
	D	609	537	14.7	0.84	--	--	36	2.7	2.4	0.83	--	--	--	
	E	608	536	14.7	0.86	--	--	36	2.7	2.4	0.84	--	--	--	

(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		
<b>190 MN NES Essential Academic Skills III: Mathematics</b>	<b>F</b>	273	533	14.9	0.79	--	--	36	2.7	2.4	0.82	--	--	--	
	<b>G</b>	246	528	14.3	0.85	--	--	36	2.8	2.5	0.85	--	--	--	
	<b>H</b>	245	535	14.5	0.77	--	--	36	2.7	2.4	0.85	--	--	--	
	<b>J</b>	242	538	14.0	0.83	--	--	36	2.8	2.4	0.82	--	--	--	

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**Minnesota Teacher Licensure Examinations (MTLE)**  
**September 1, 2017 - August 31, 2018**  
**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	113	111	100.0	81.1	18.9	0.84
	2	113	112	100.0	75.0	25.0	0.71
	3	113	113	100.0	92.9	7.1	0.92
	4	113	112	100.0	82.1	17.9	0.82
189 MN NES Essential Academic Skills II: Writing	1	3,588	3,571	99.9	84.5	15.4	0.87

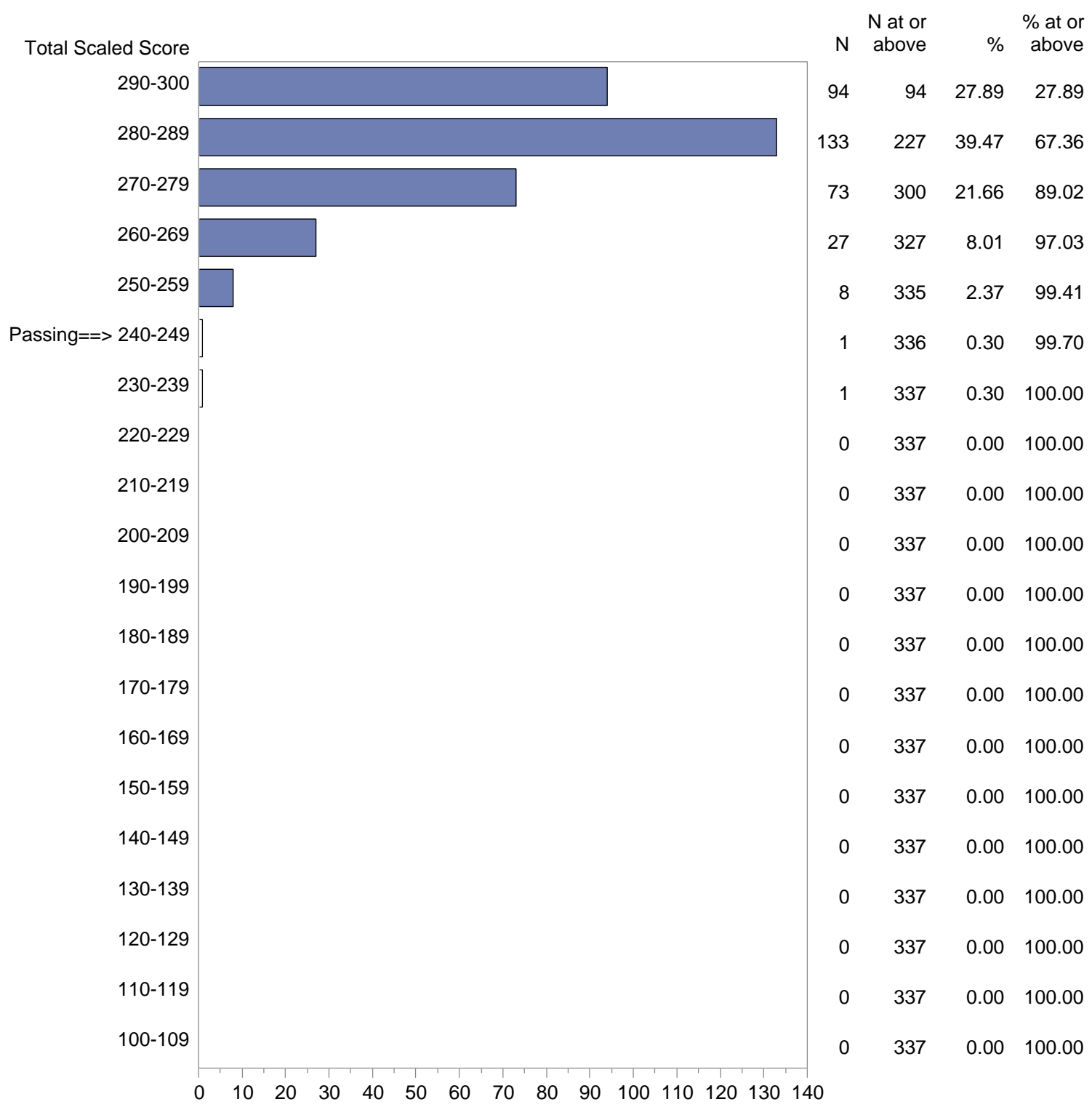
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Appendix C:  
Frequency Distributions of Total Test Scores



Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2017 - August 31, 2018  
Total Scaled Score Distribution by Test Field (All Forms)

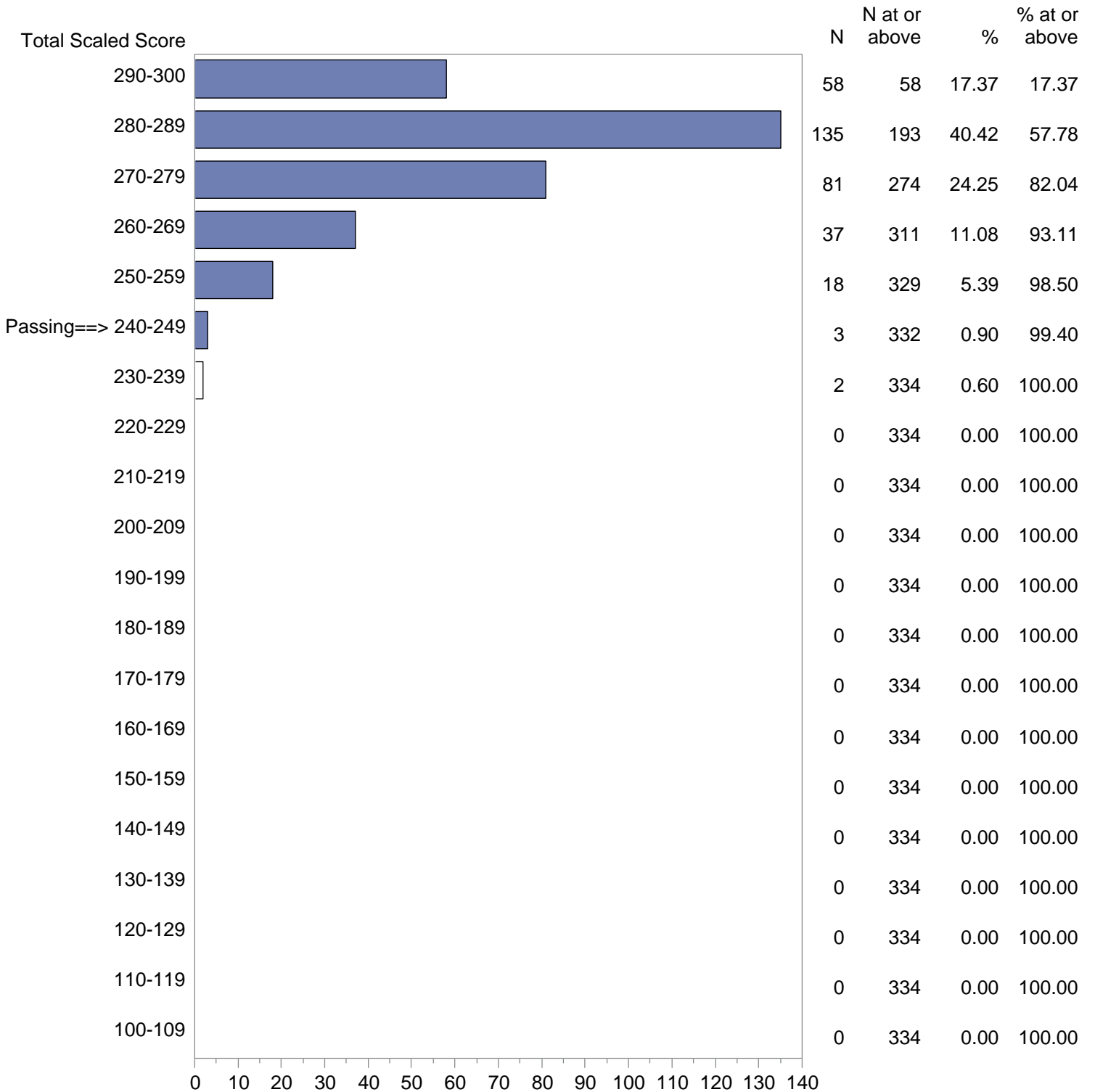
Test Field=010 Pedagogy: Early Childhood (Birth to Grade 3) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

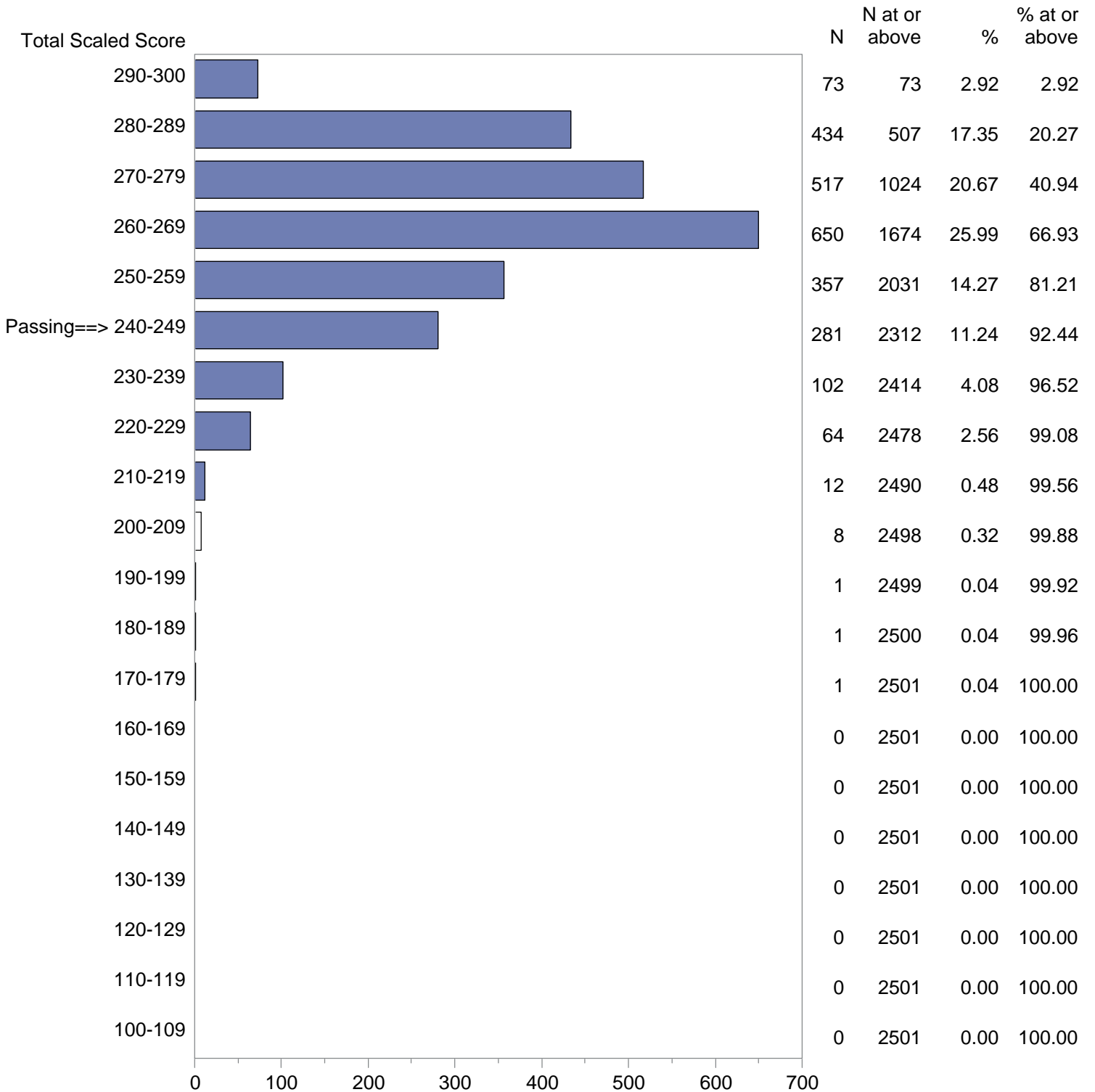
Test Field=011 Pedagogy: Early Childhood (Birth to Grade 3) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

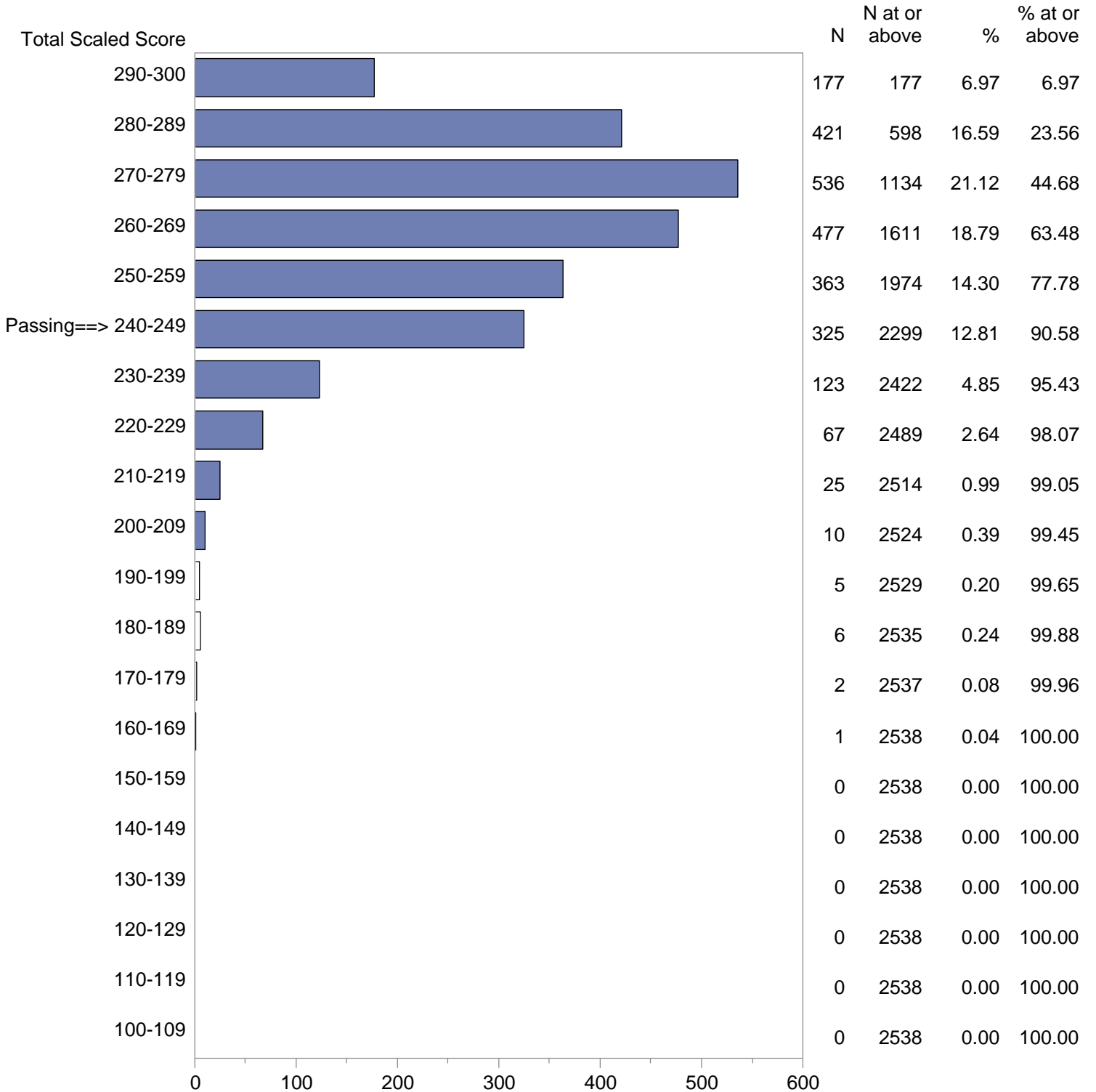
Test Field=012 Pedagogy: Elementary (Grades K-6) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2017 - August 31, 2018  
Total Scaled Score Distribution by Test Field (All Forms)

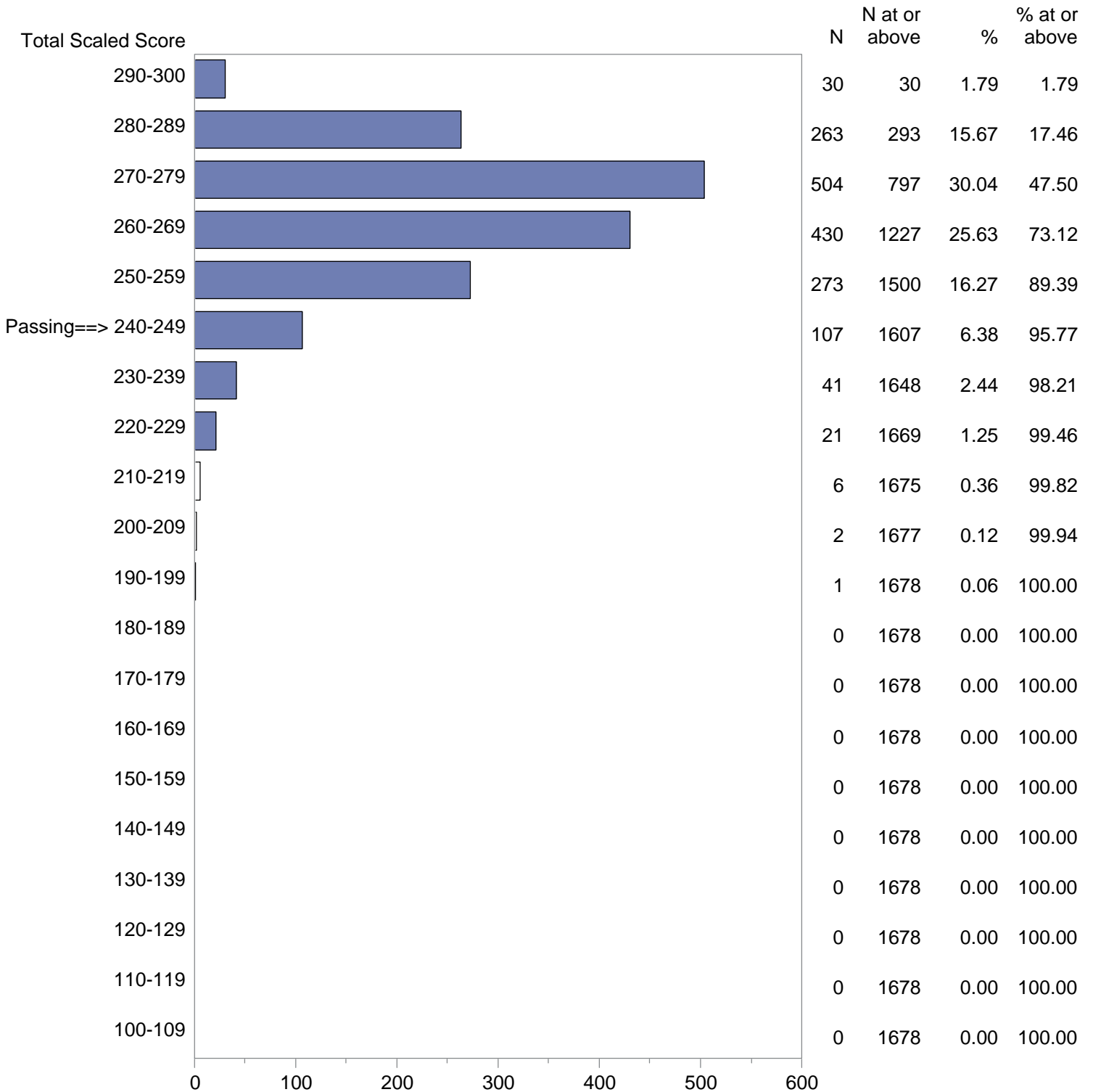
Test Field=013 Pedagogy: Elementary (Grades K-6) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2017 - August 31, 2018  
Total Scaled Score Distribution by Test Field (All Forms)

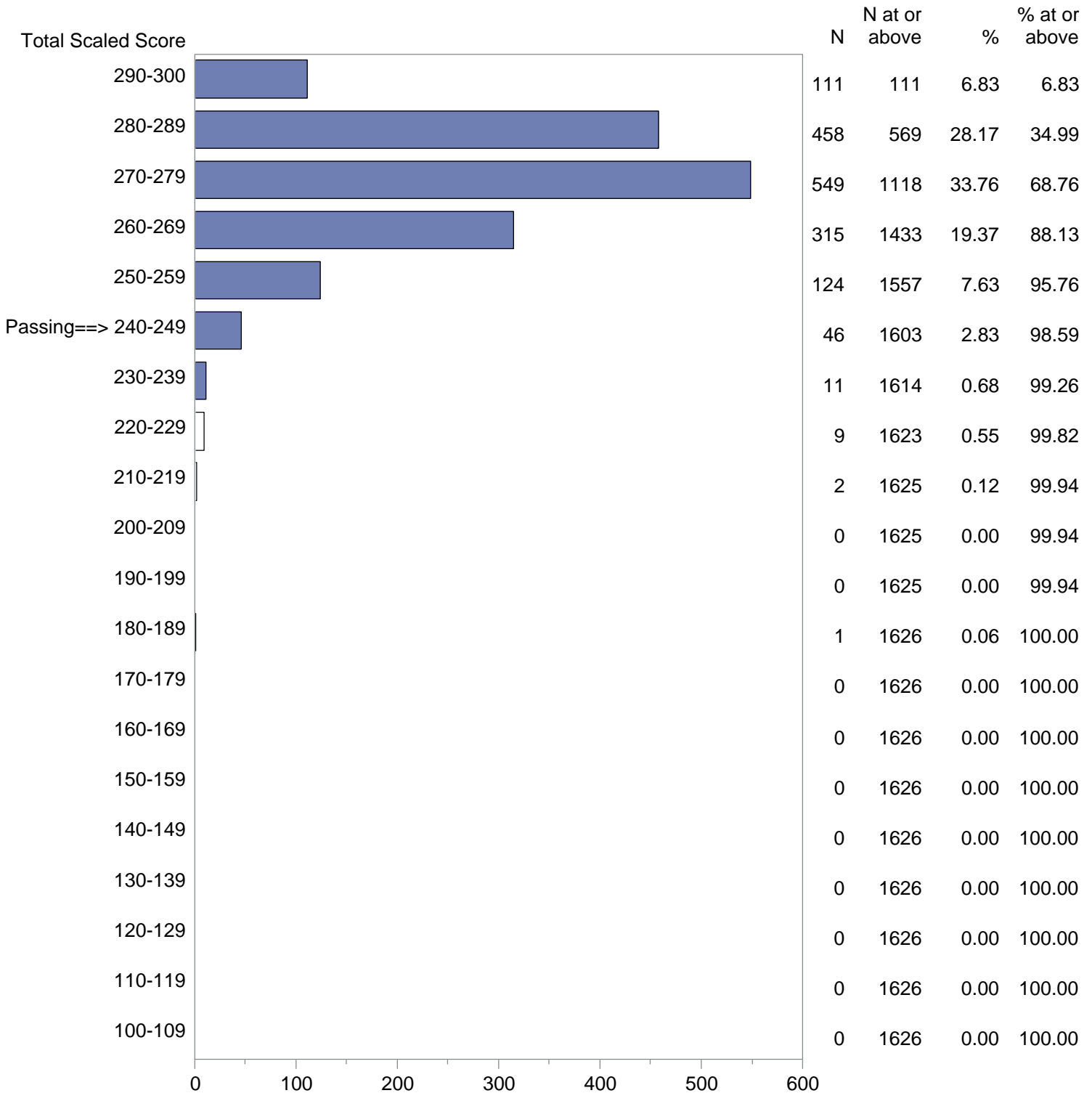
Test Field=014 Pedagogy: Secondary (Grades 5-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

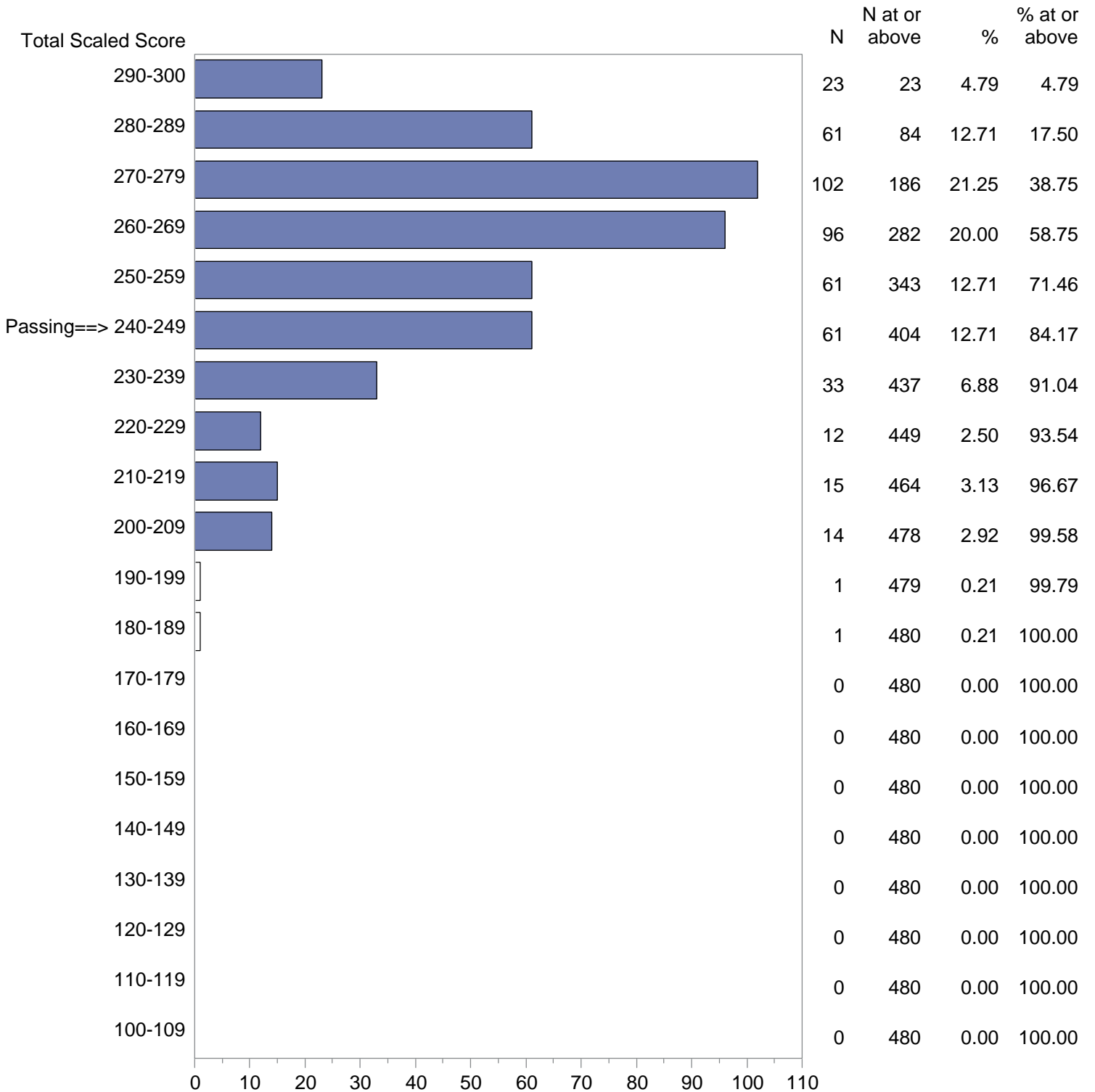
Test Field=015 Pedagogy: Secondary (Grades 5-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

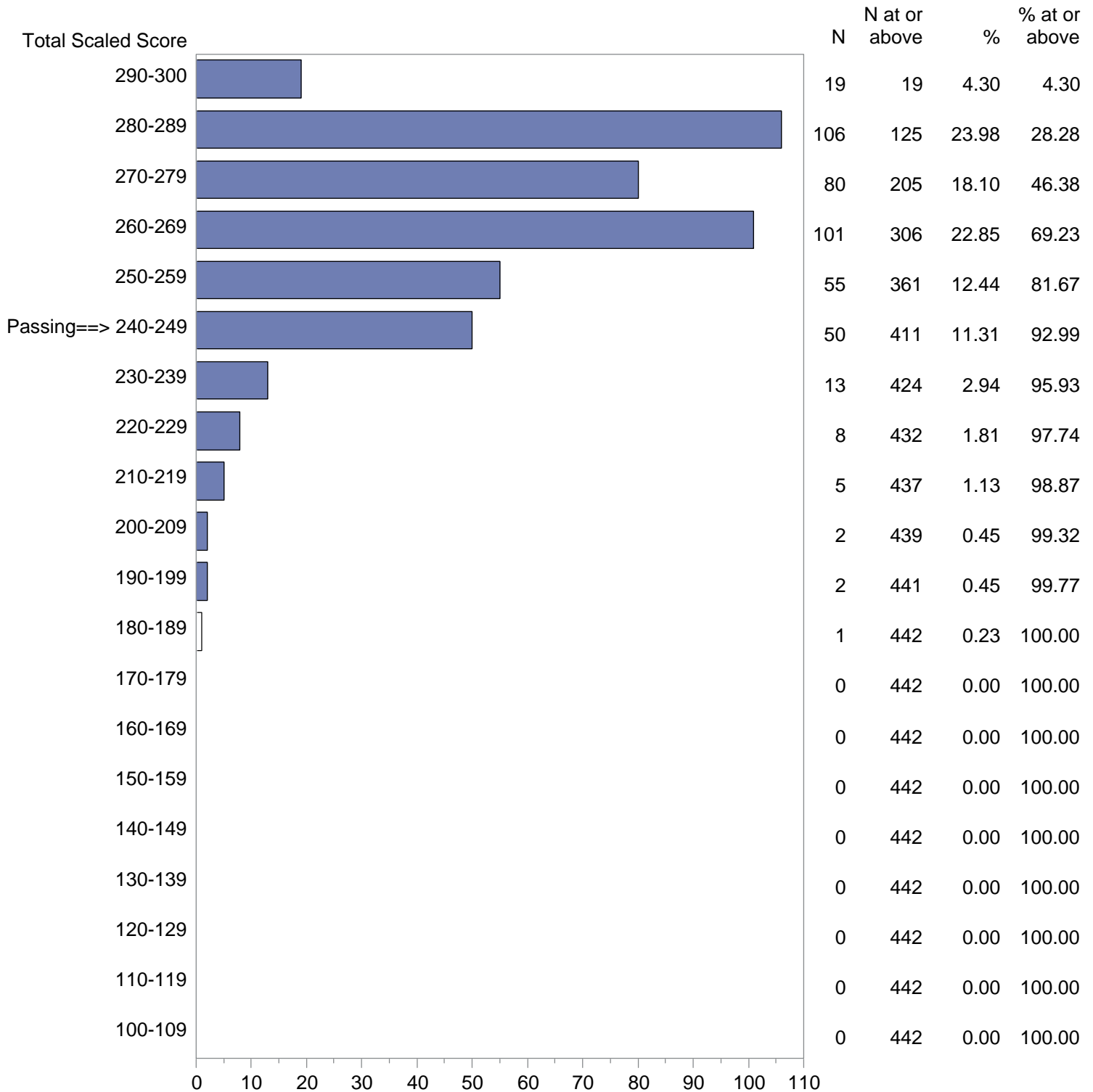
Test Field=020 Early Childhood Education (Birth to Grade 3) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2017 - August 31, 2018  
Total Scaled Score Distribution by Test Field (All Forms)

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

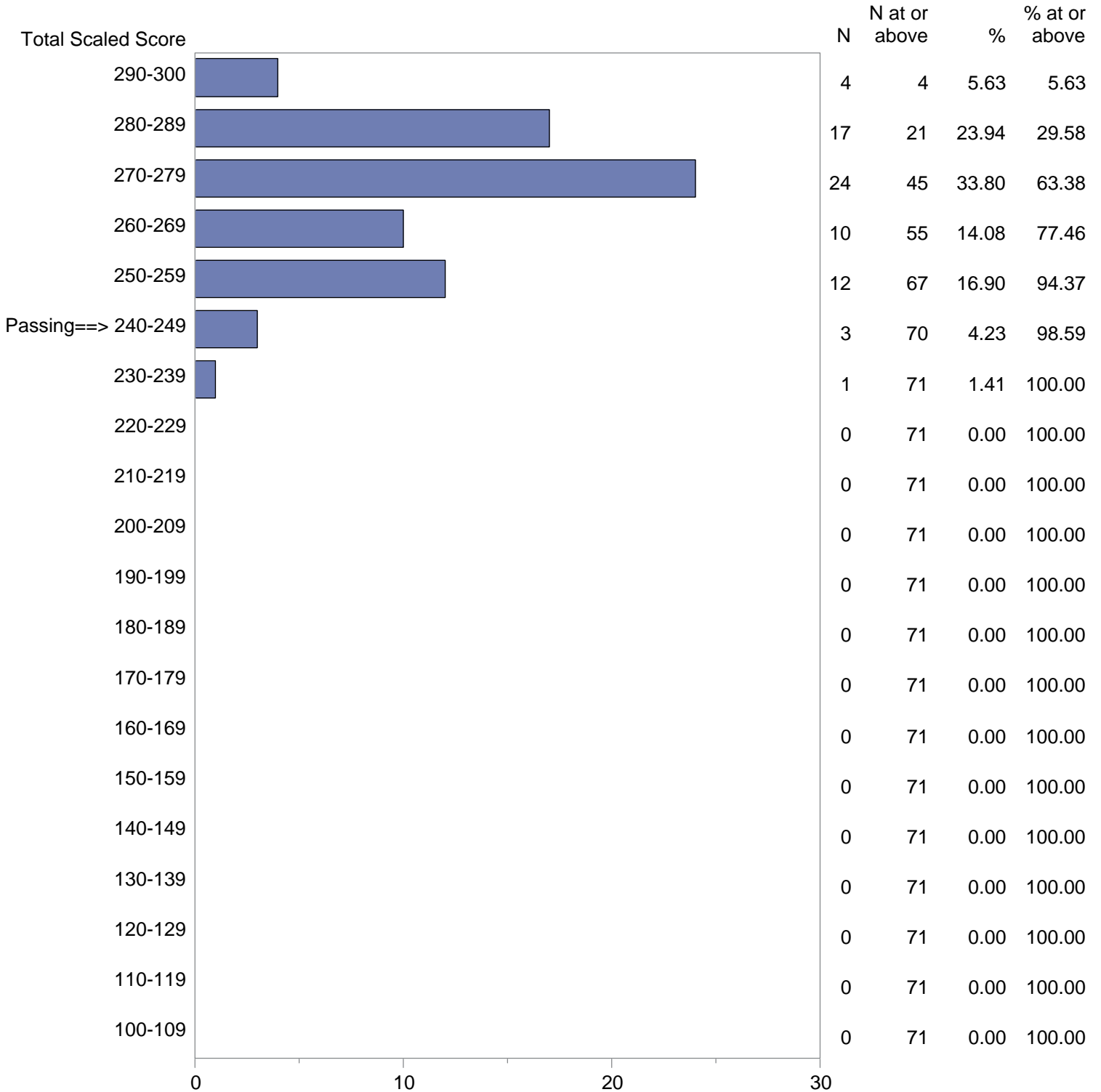


NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.



Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

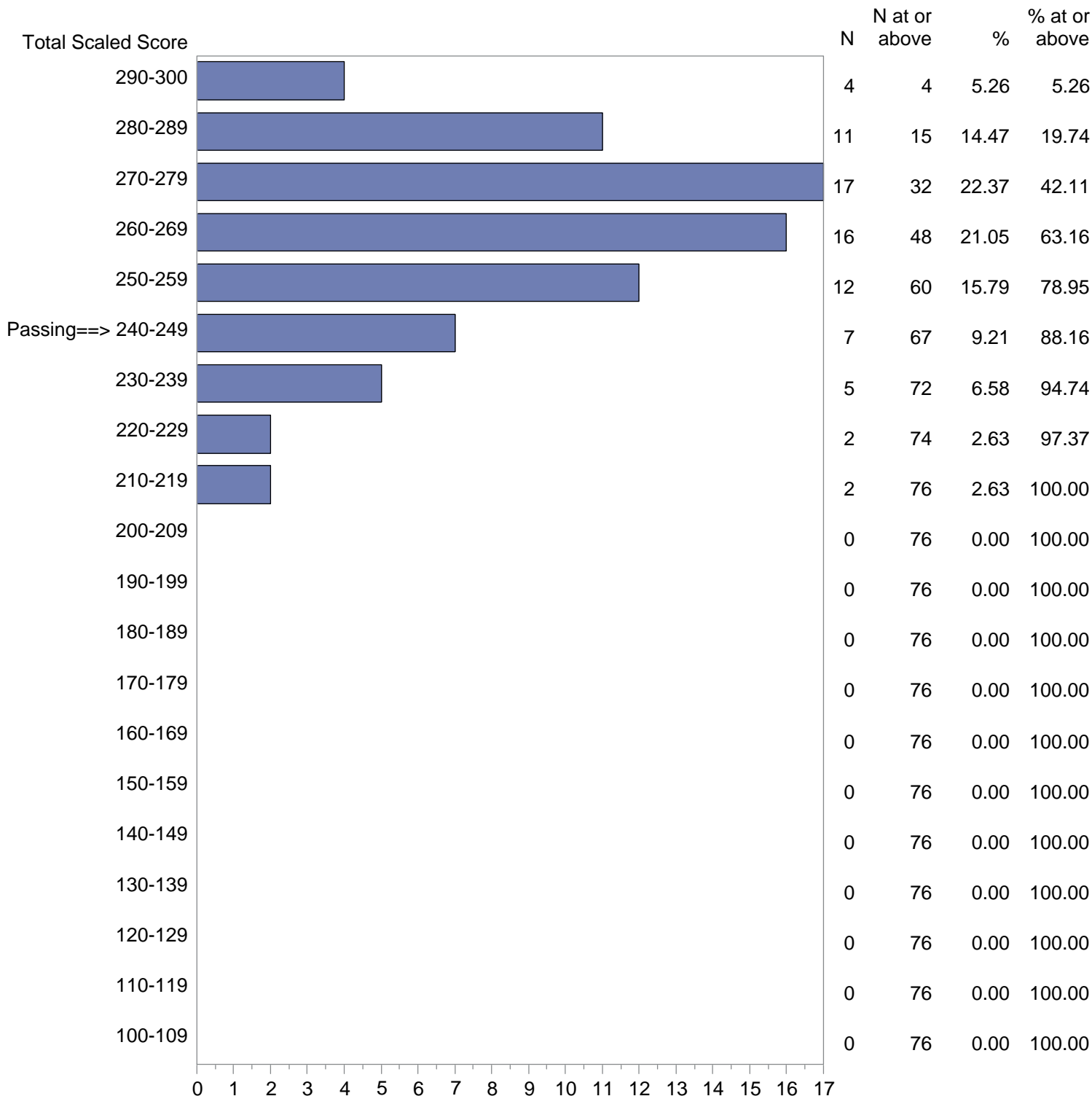
Test Field=022 PrePrimary (Age 3 to PreKindergarten) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

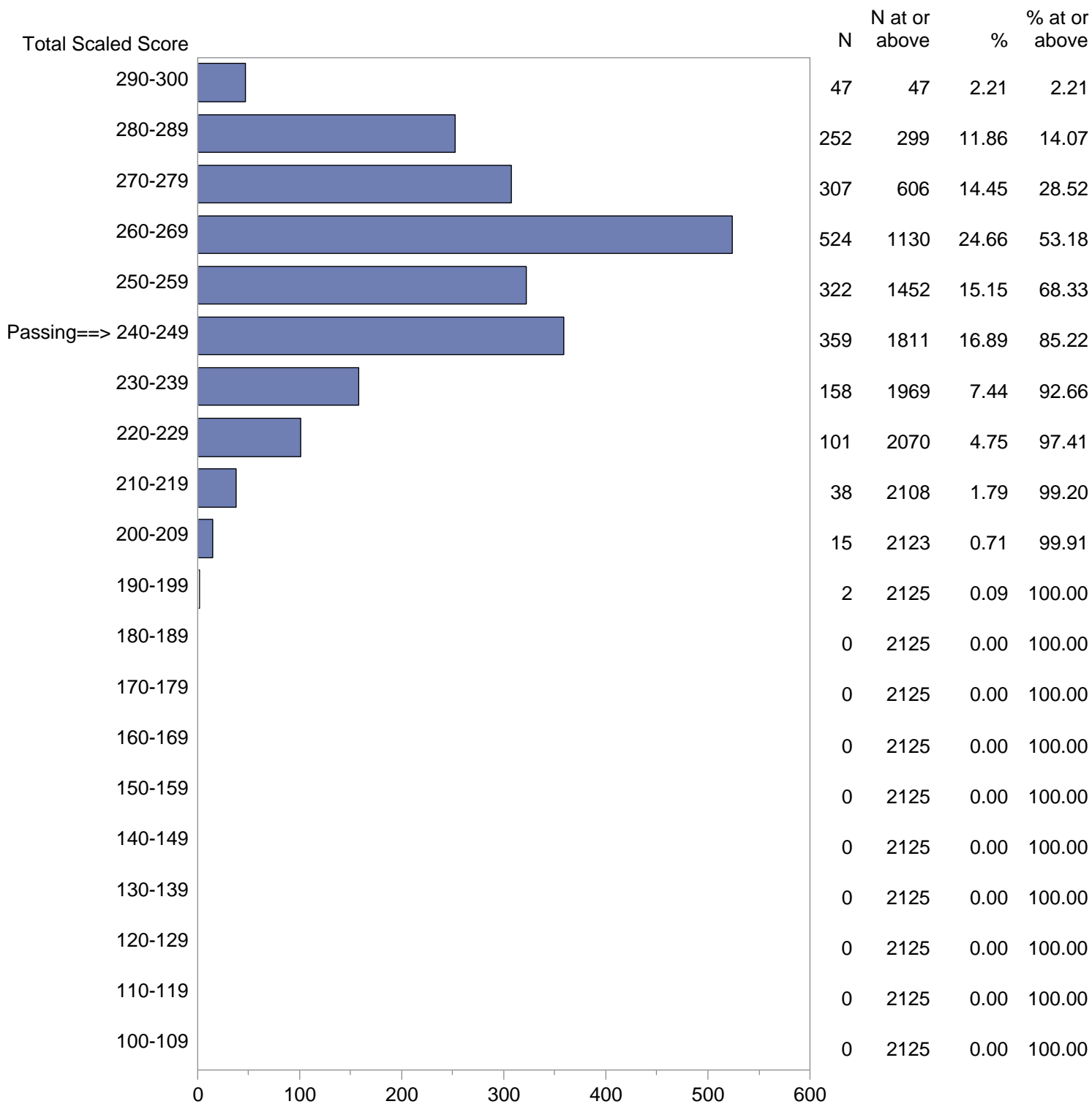
Test Field=023 PrePrimary (Age 3 to PreKindergarten) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

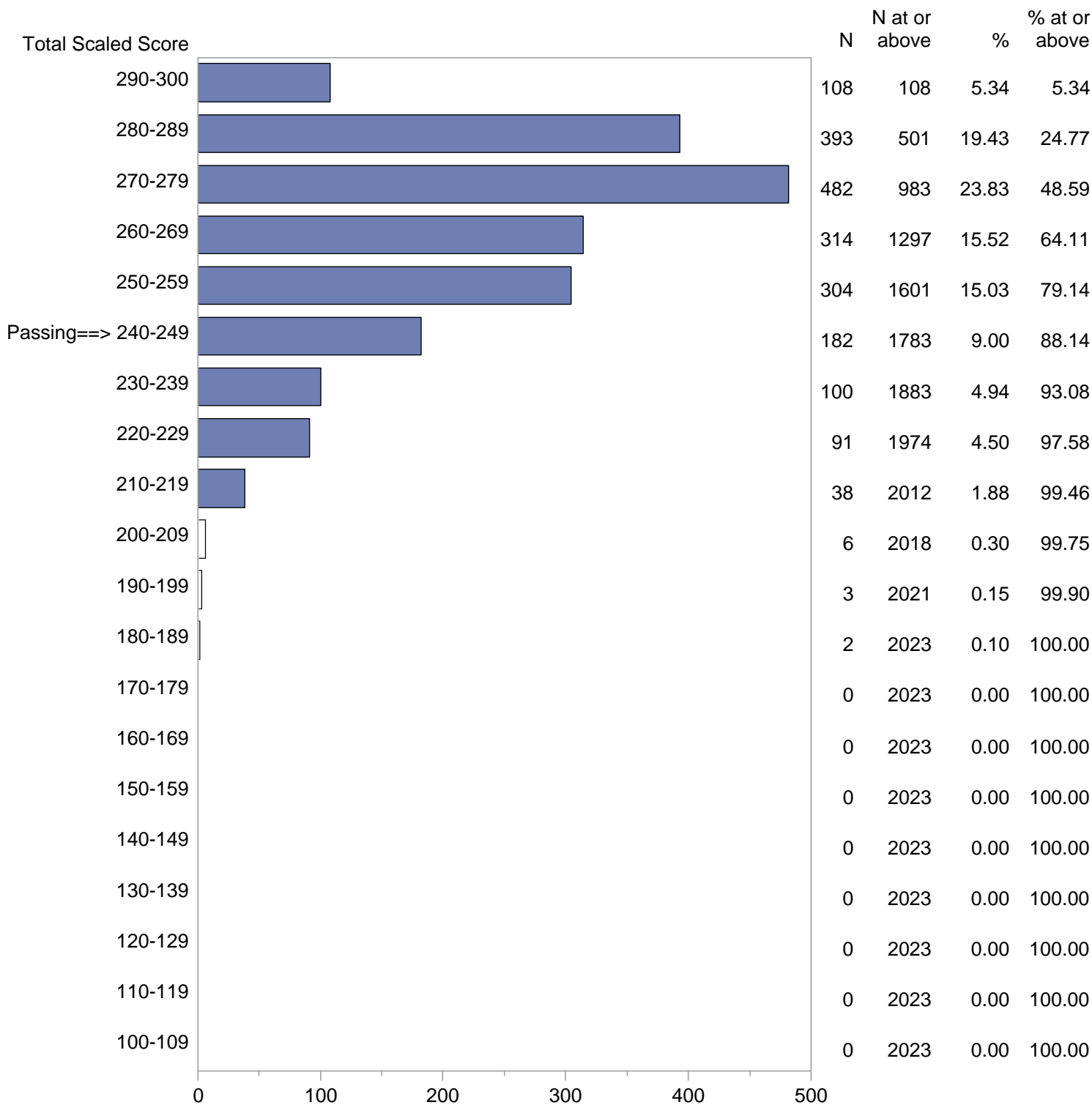
Test Field=024 Elementary Education (Grades K-6) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

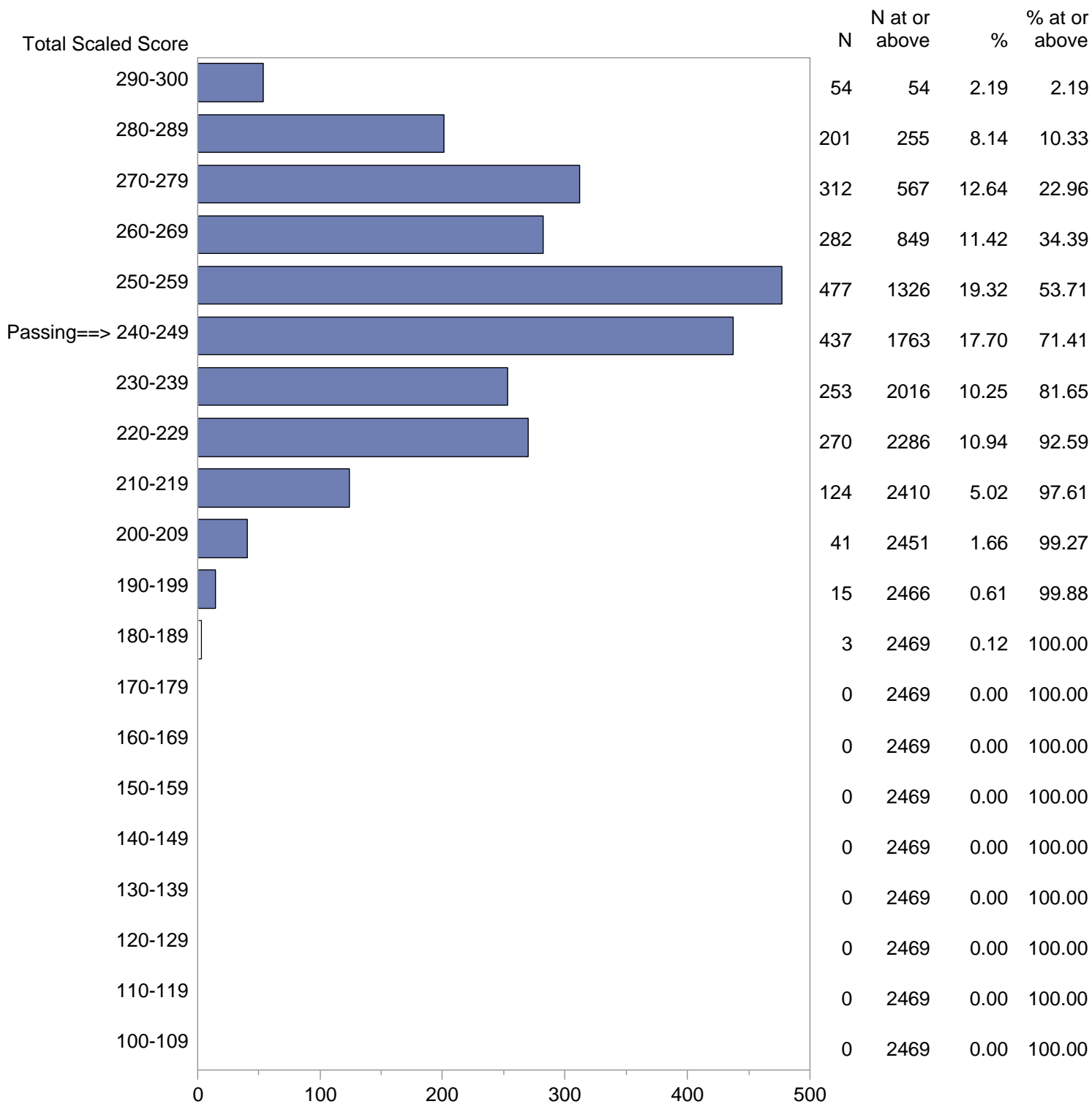
Test Field=025 Elementary Education (Grades K-6) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

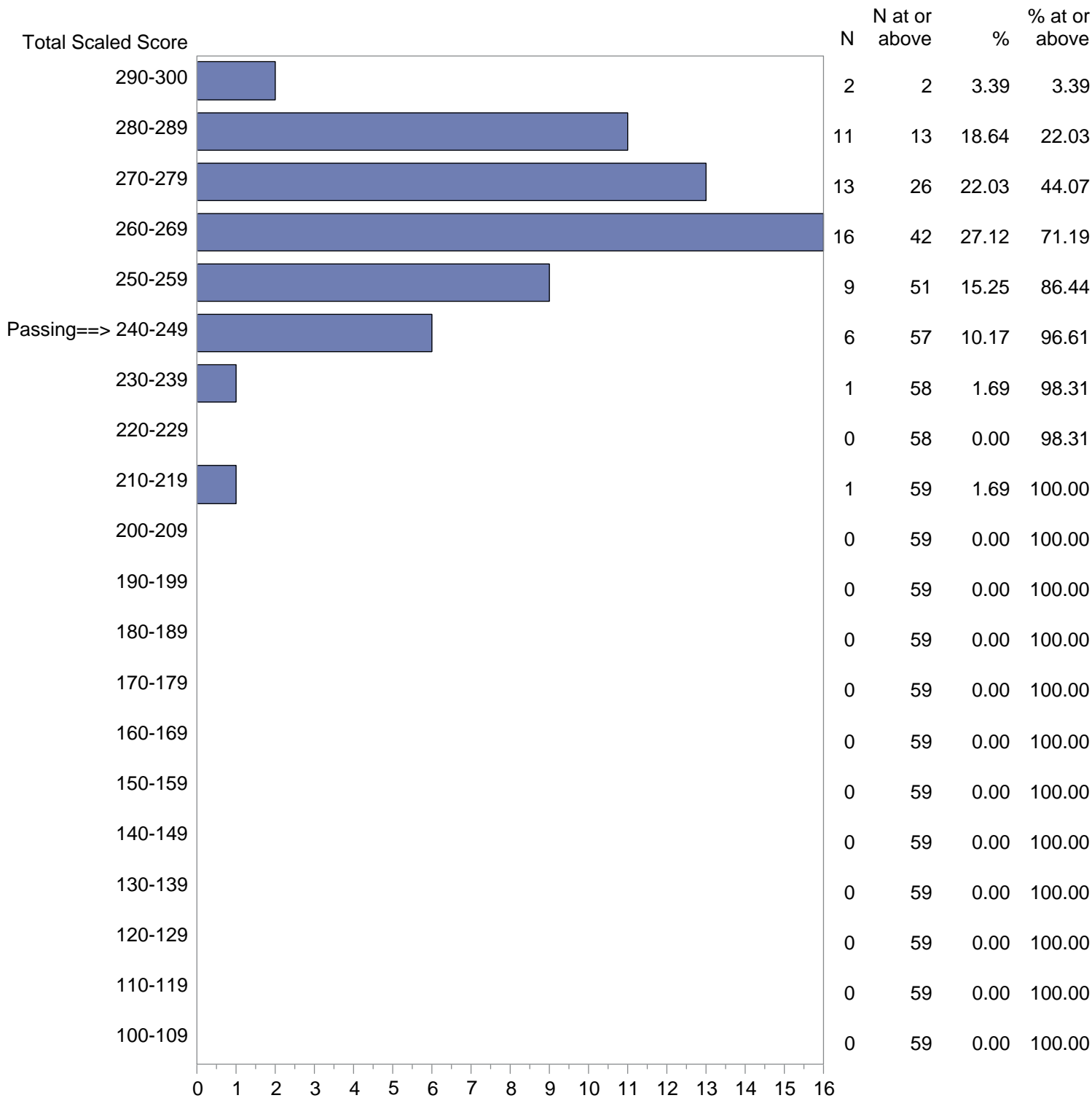
Test Field=026 Elementary Education (Grades K-6) Subtest 3



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

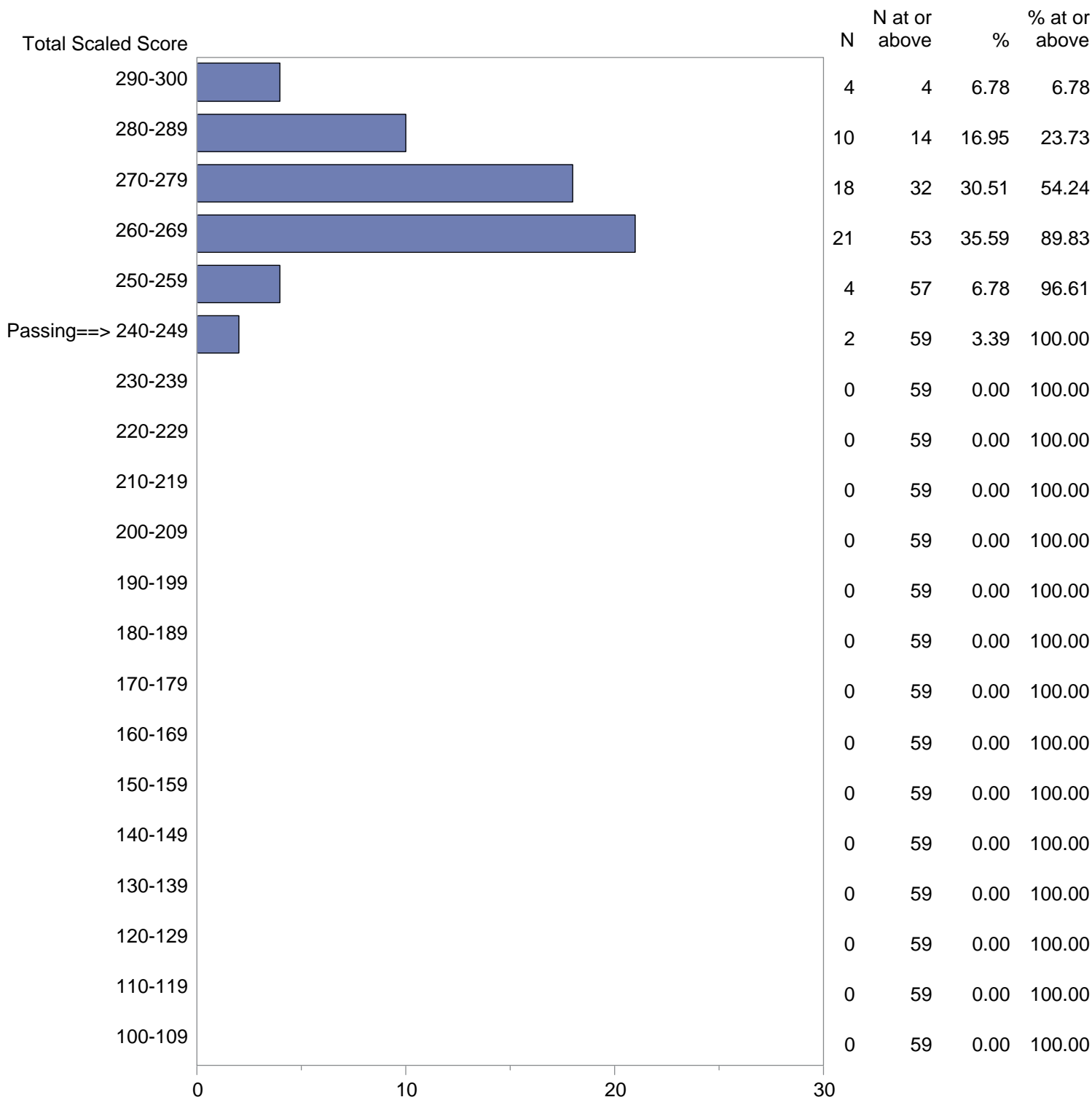
Test Field=030 Middle Level Communication Arts/Literature (Grades 5-8) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

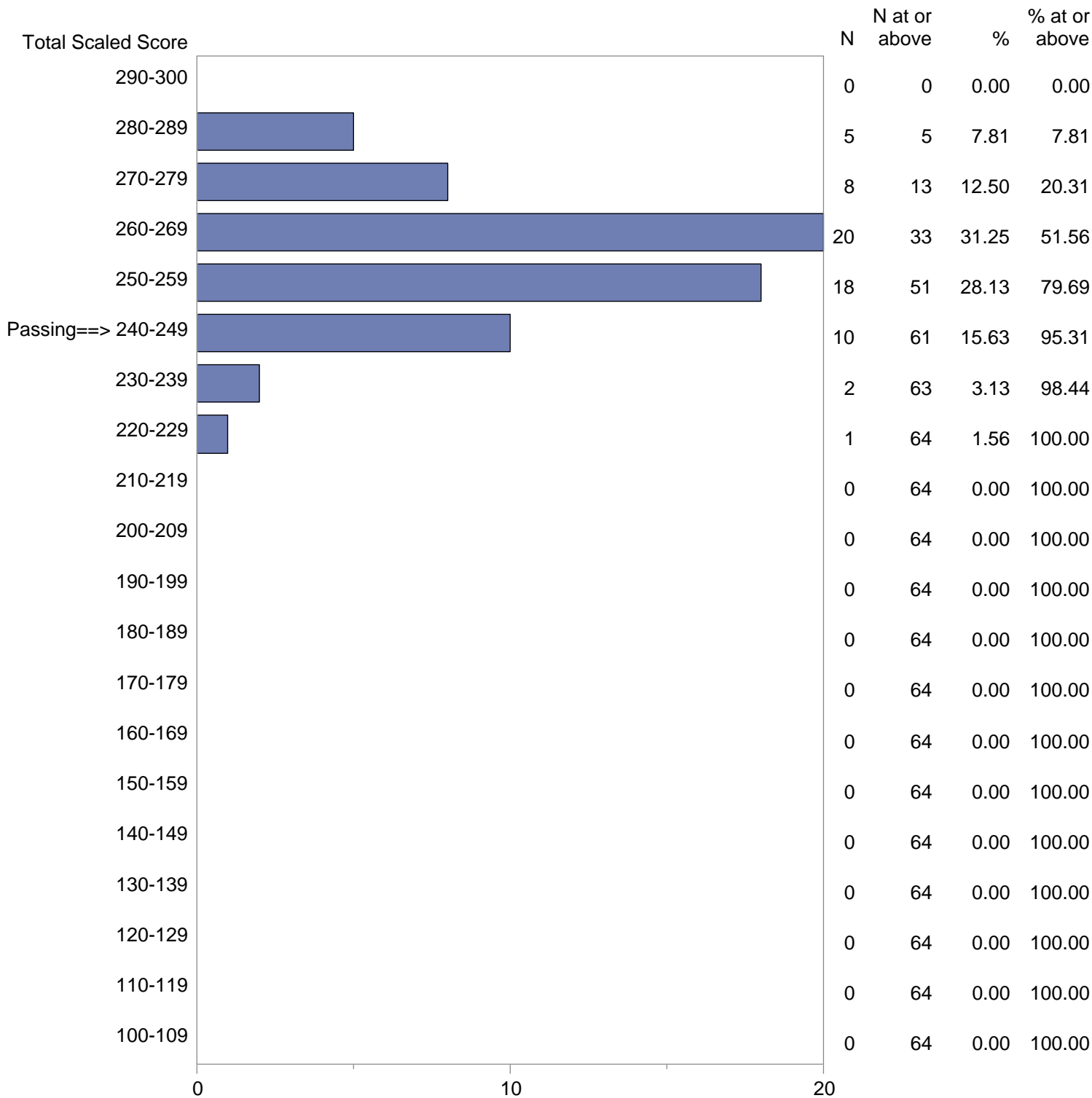
Test Field=031 Middle Level Communication Arts/Literature (Grades 5-8) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

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

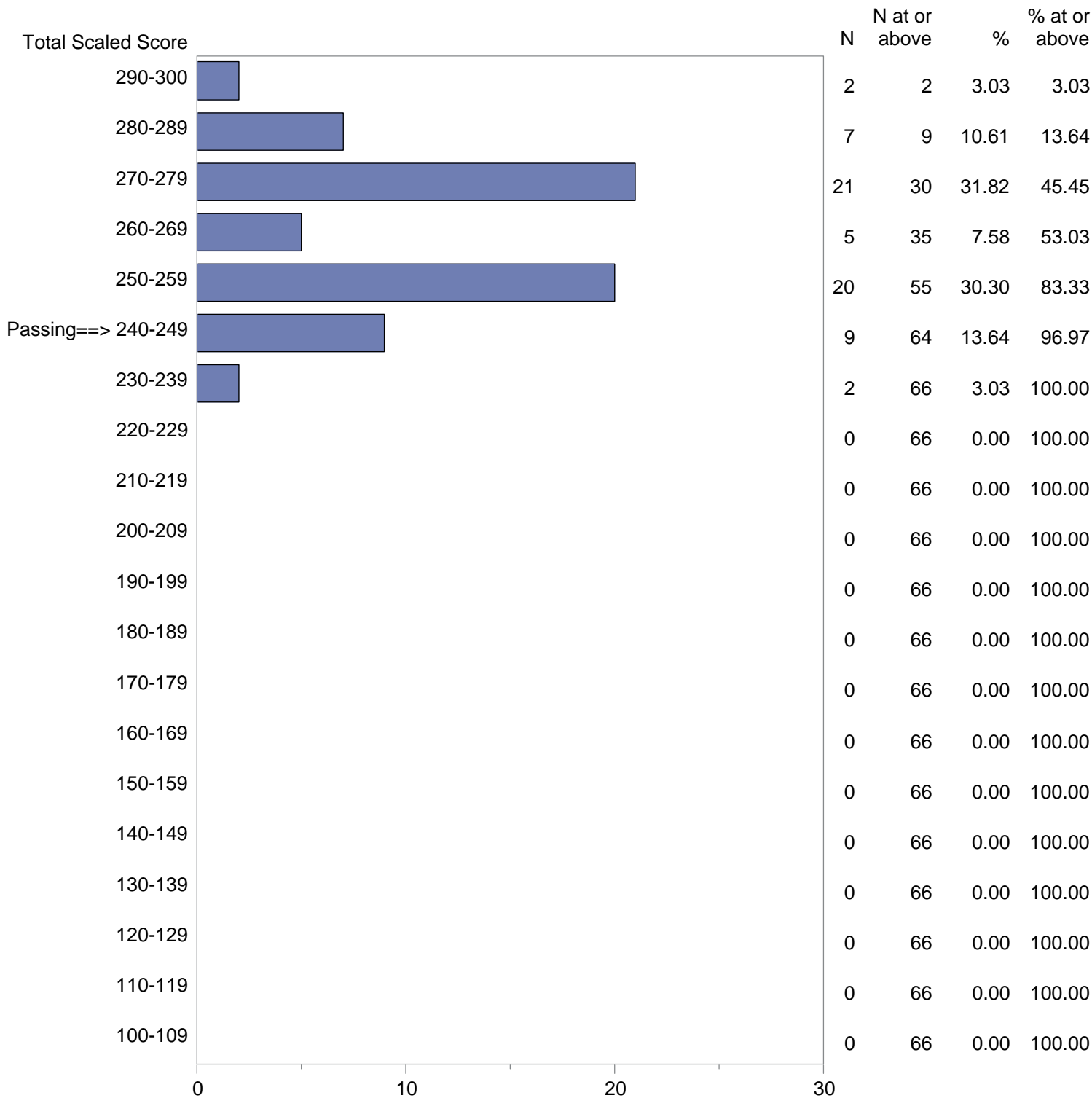


NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.



Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

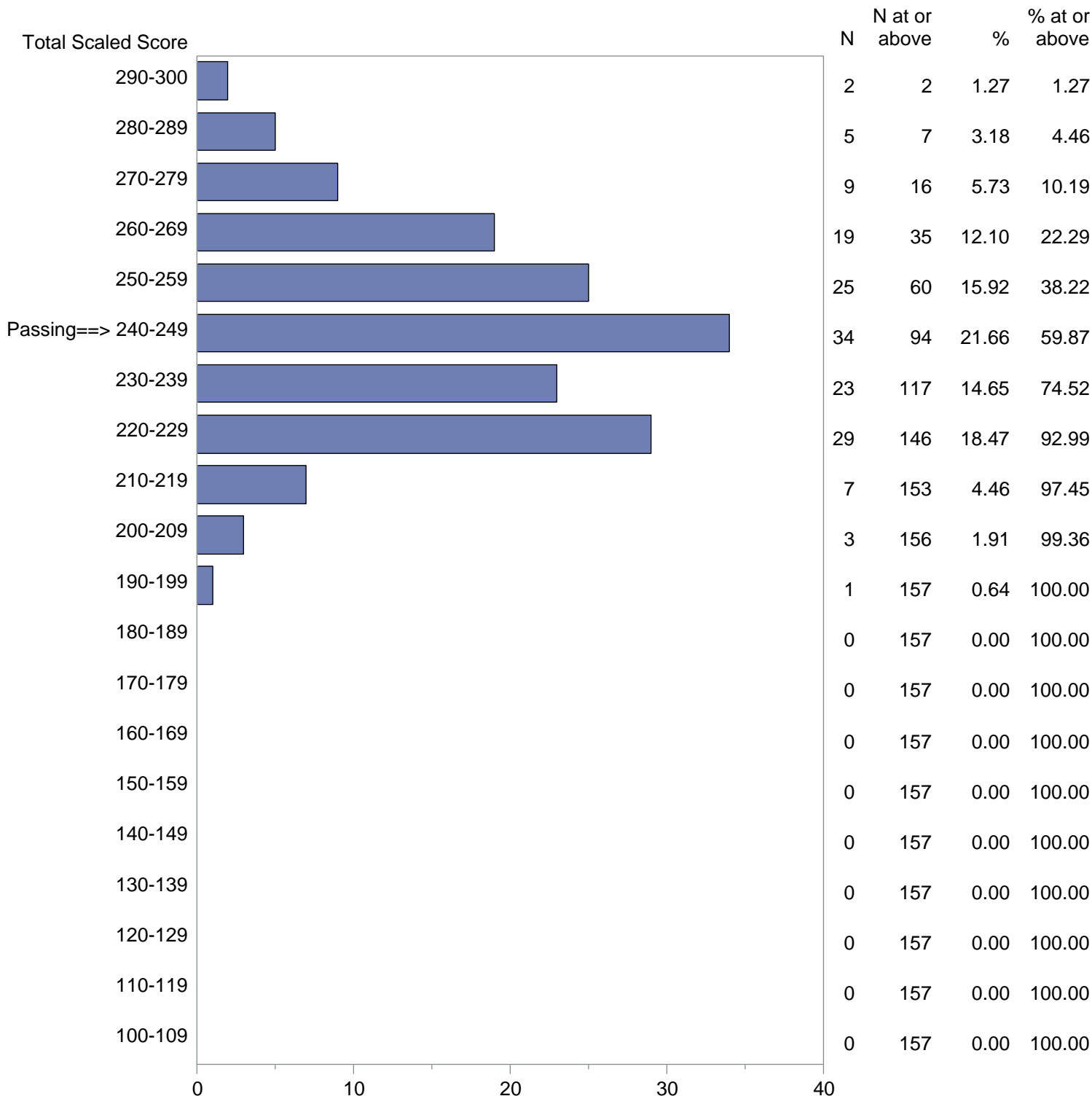
Test Field=033 Middle Level Social Studies (Grades 5-8) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

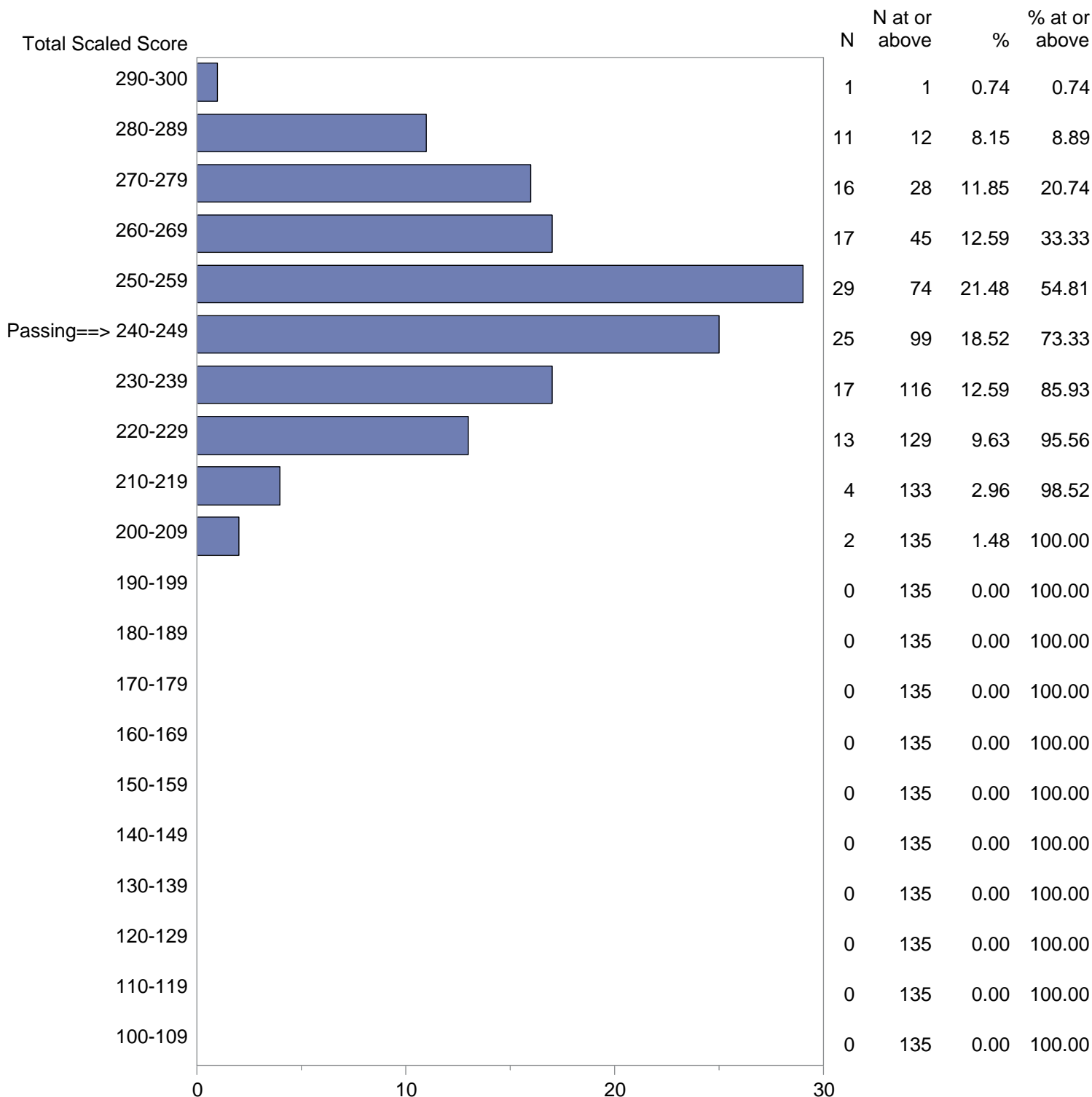
Test Field=034 Middle Level Mathematics (Grades 5-8) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

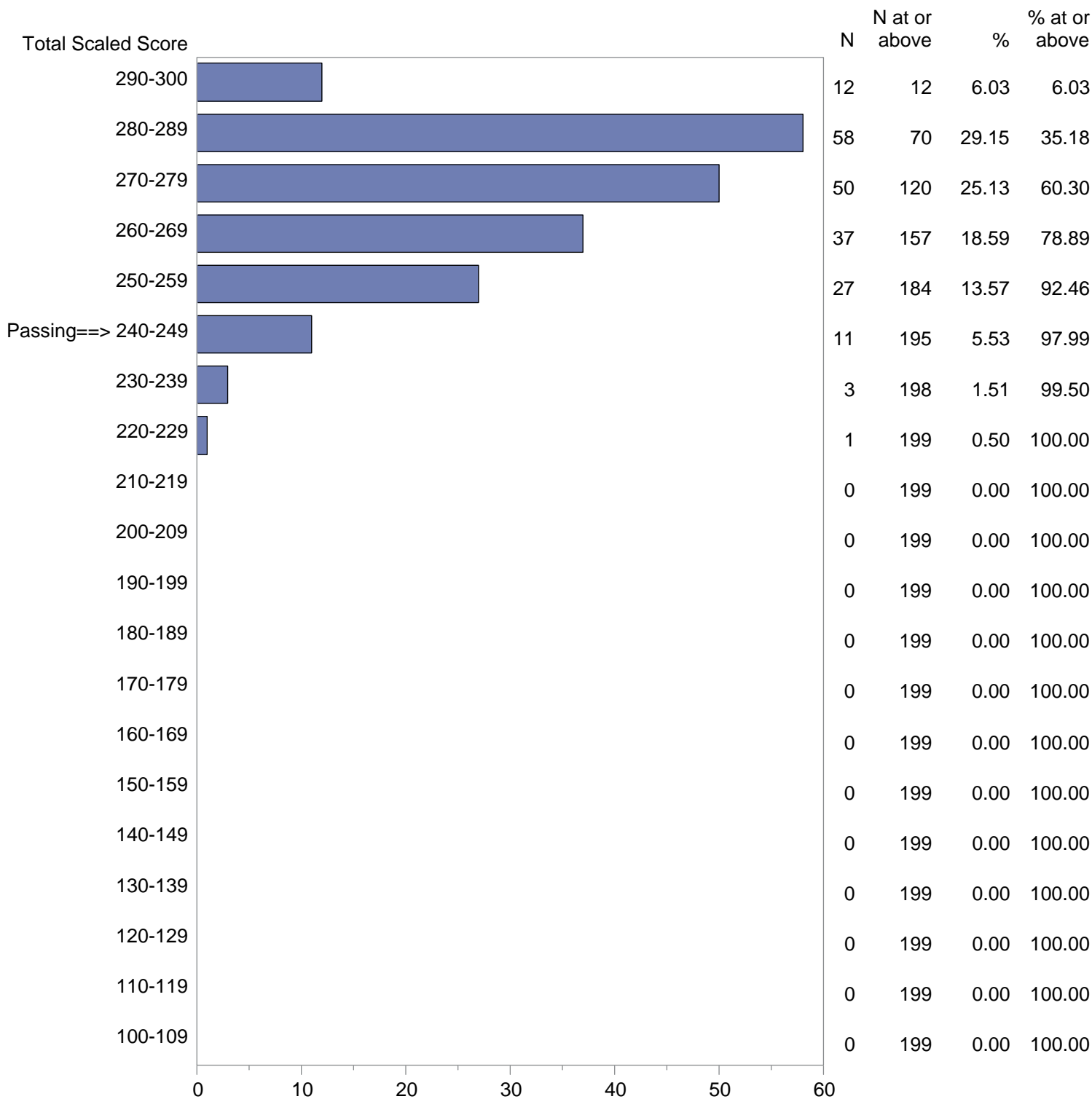
Test Field=035 Middle Level Mathematics (Grades 5-8) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

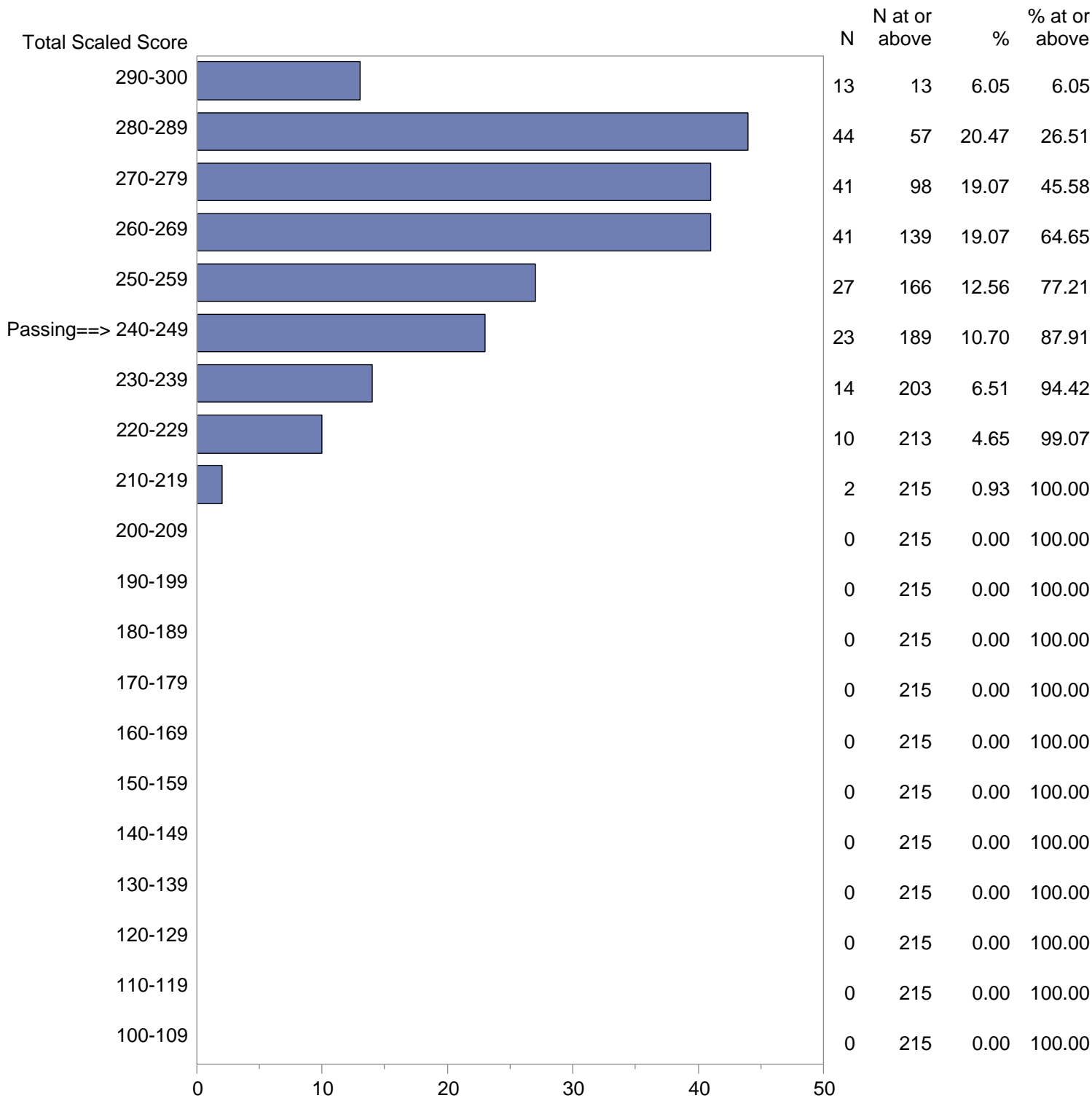
Test Field=036 Middle Level Science (Grades 5-8) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

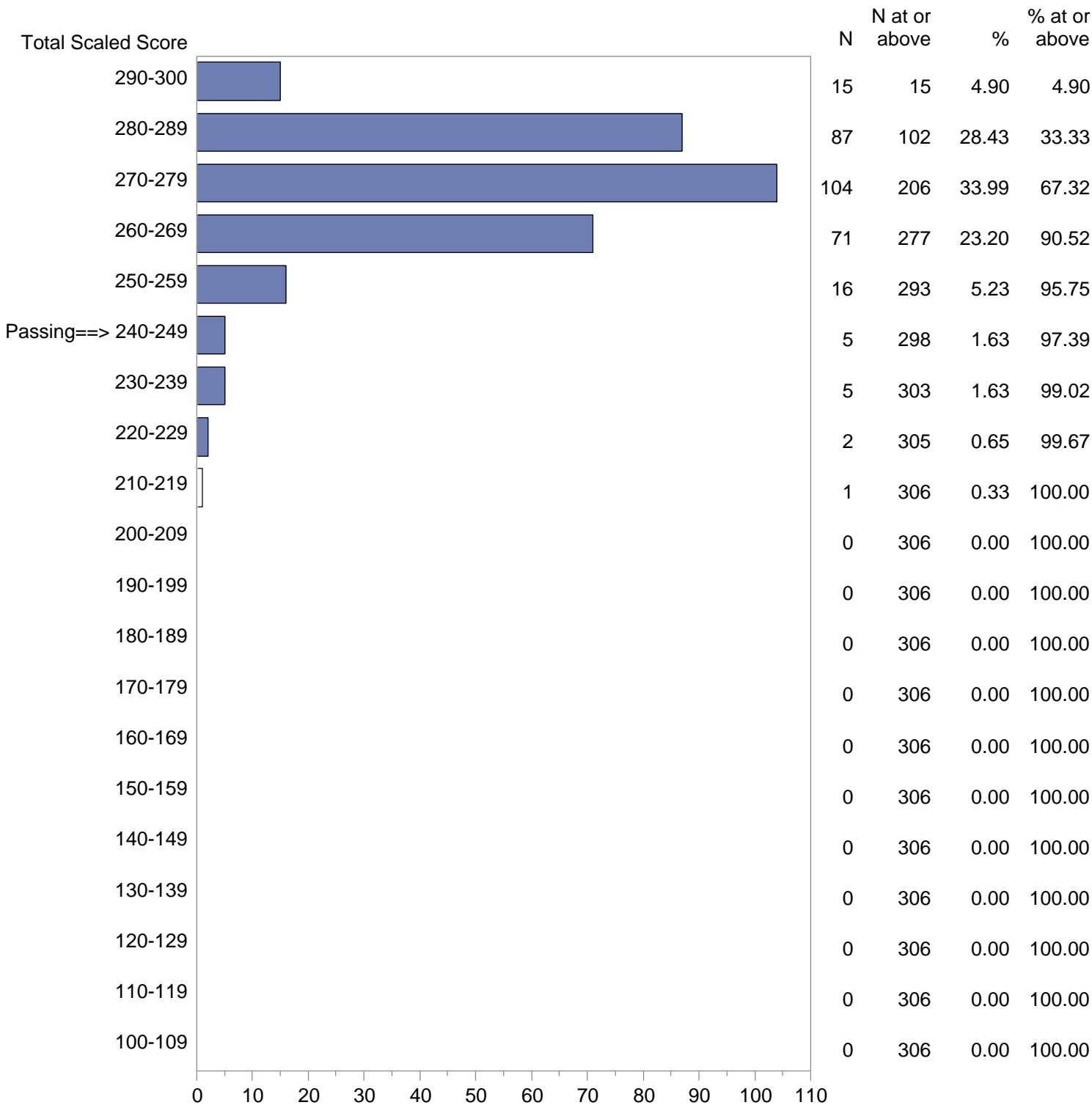
Test Field=037 Middle Level Science (Grades 5-8) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

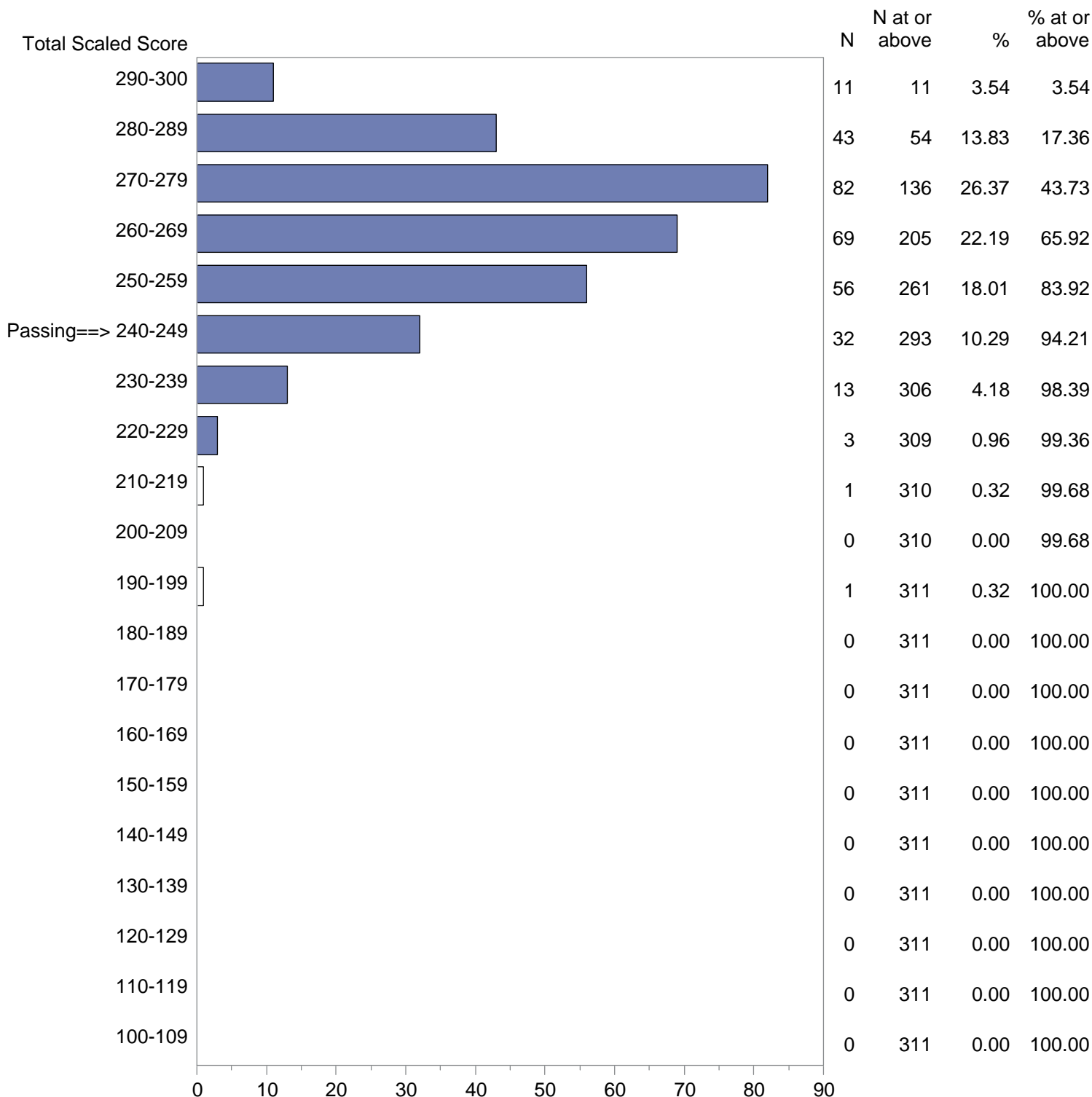
Test Field=050 Communication Arts/Literature (Grades 5-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2017 - August 31, 2018  
Total Scaled Score Distribution by Test Field (All Forms)

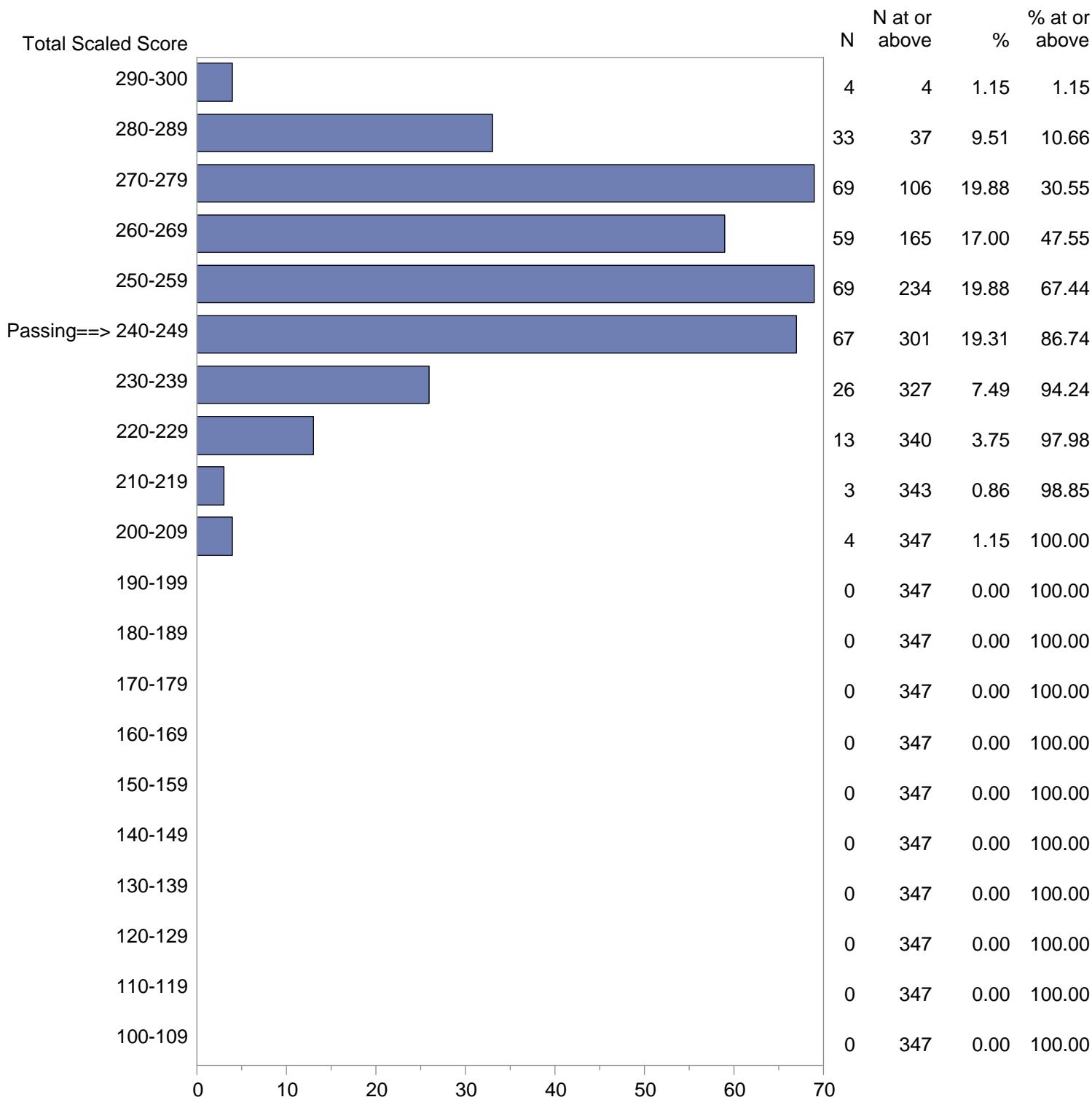
Test Field=051 Communication Arts/Literature (Grades 5-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

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

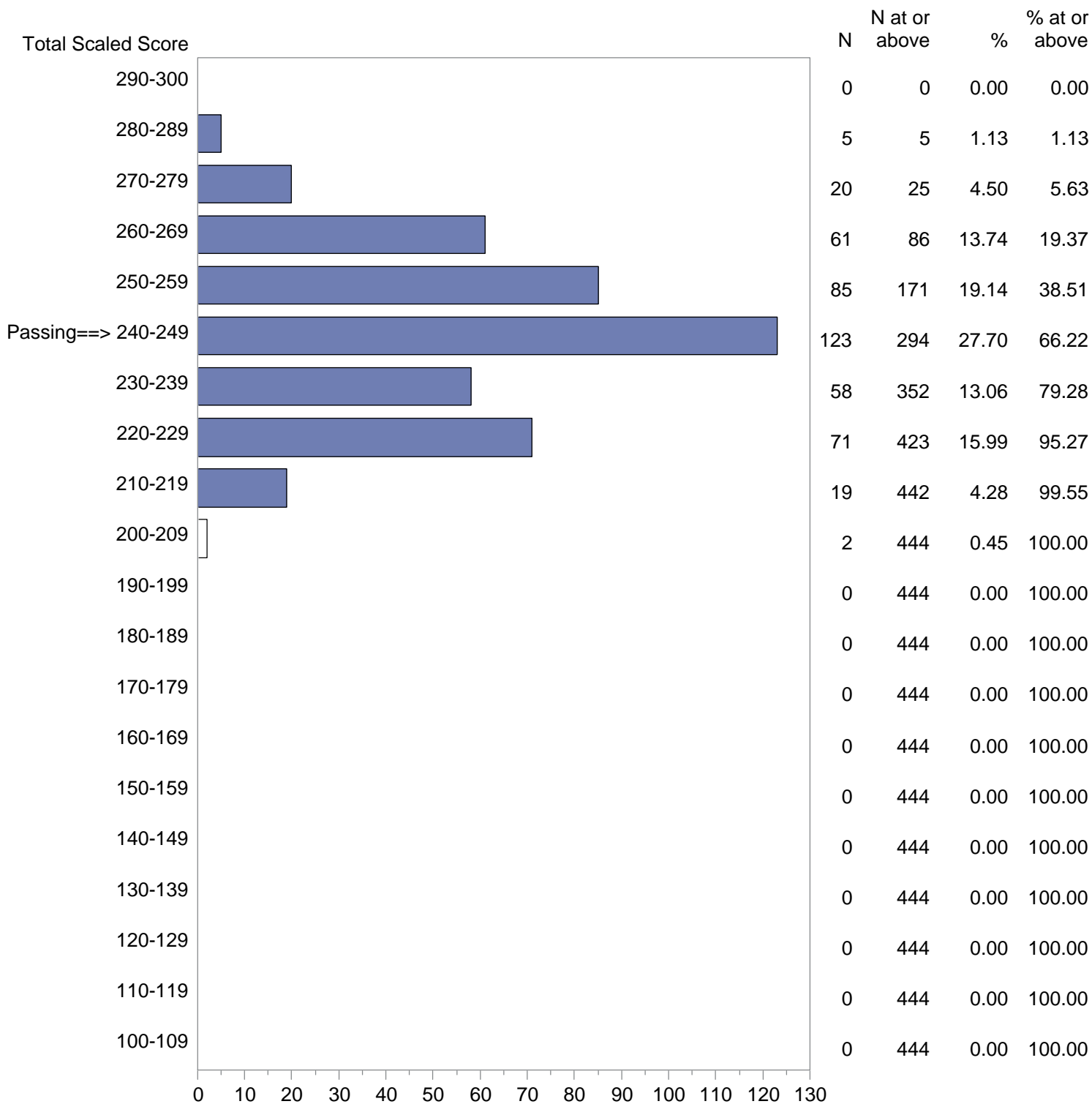


NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.



Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

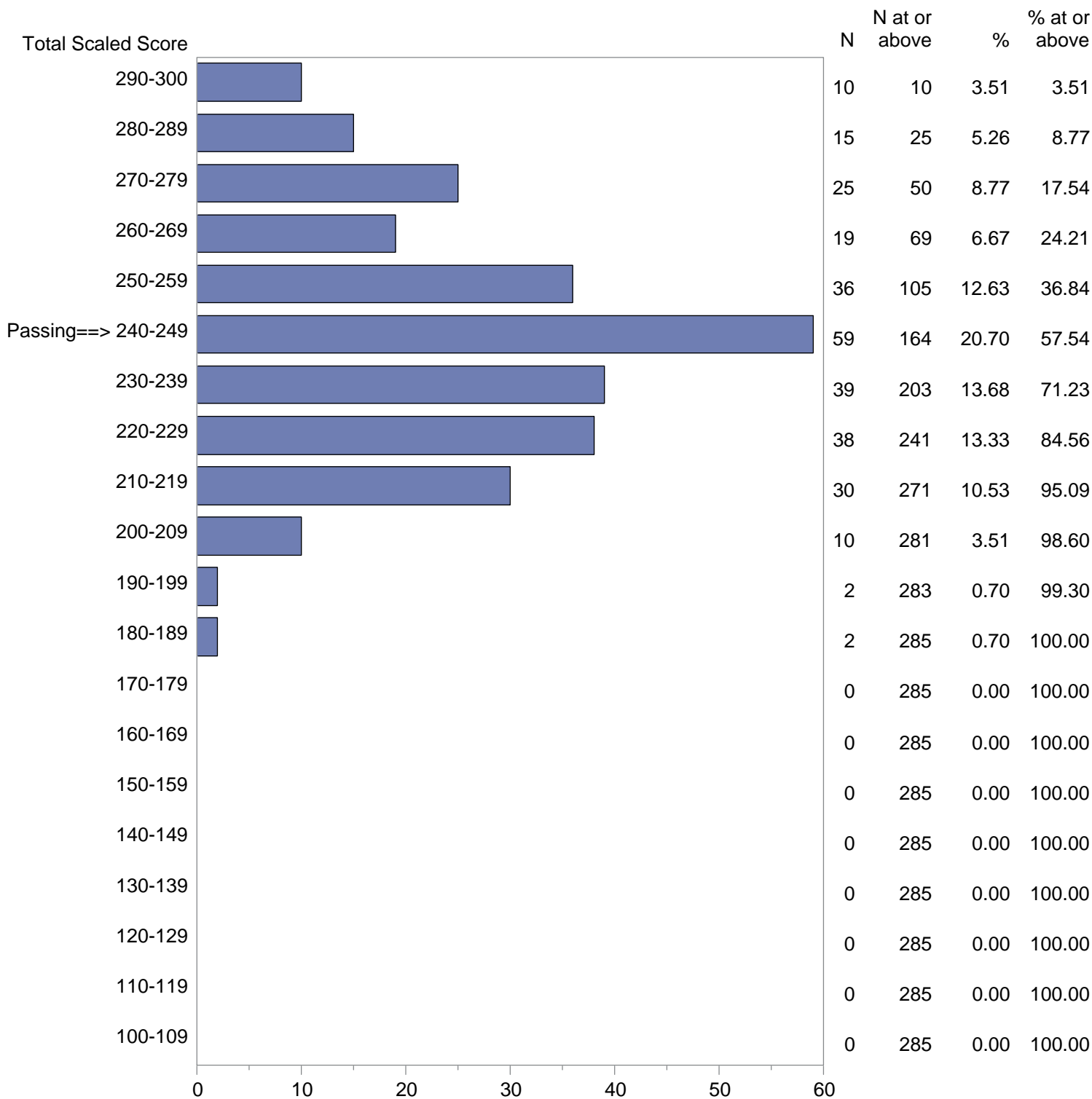
Test Field=053 Social Studies (Grades 5-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

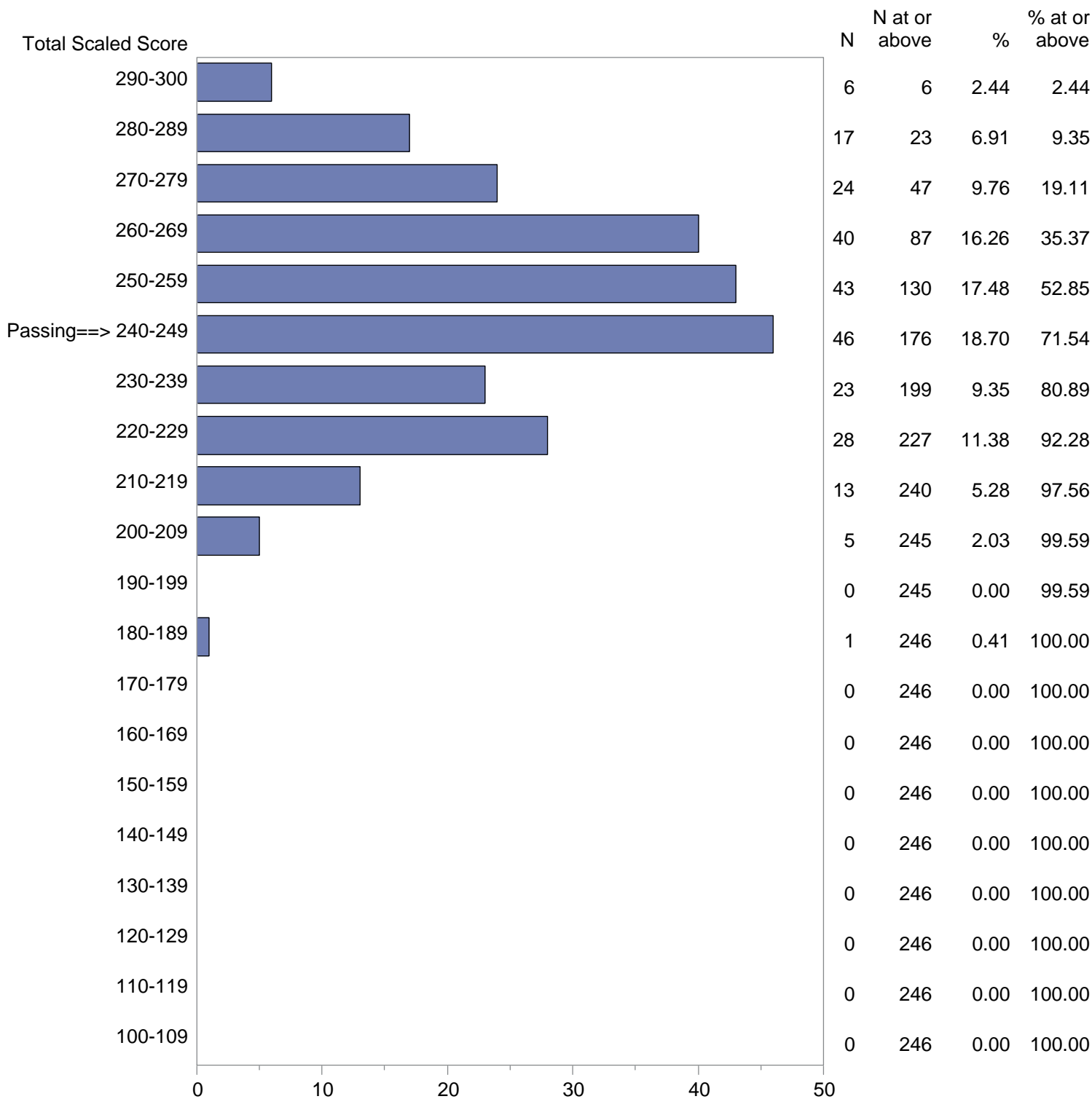
Test Field=054 Mathematics (Grades 5-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

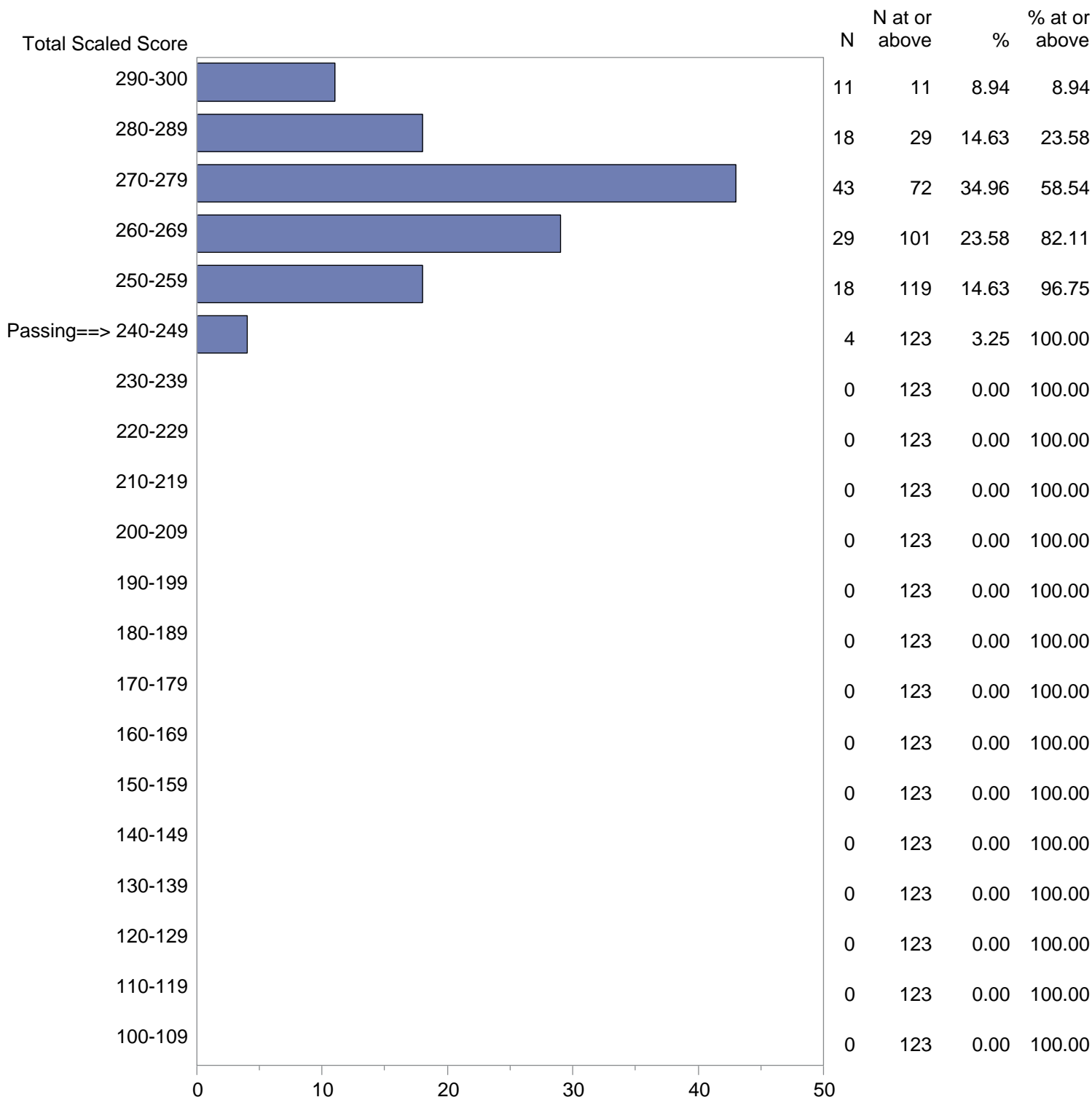
Test Field=055 Mathematics (Grades 5-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

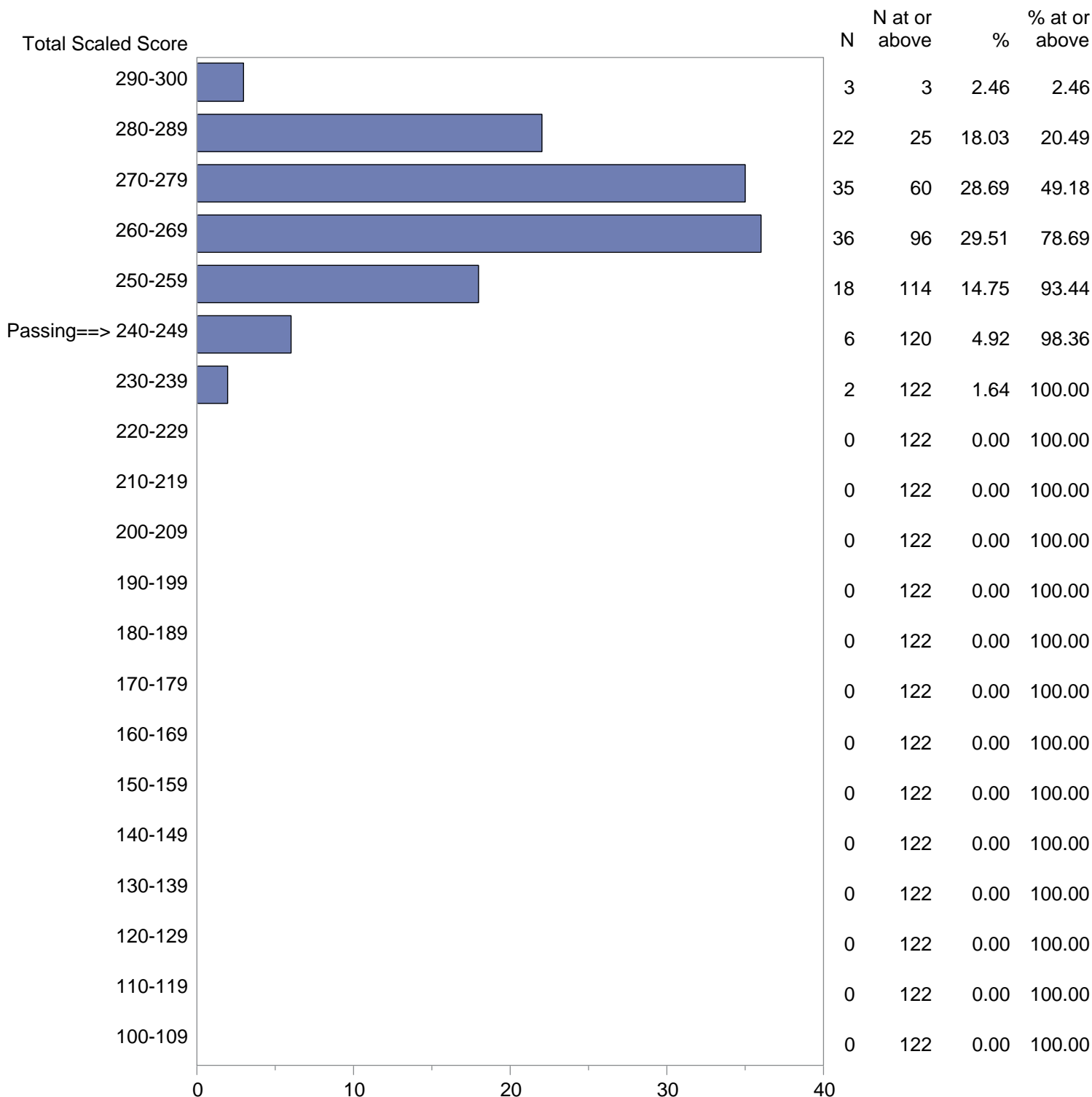
Test Field=056 Health (Grades 5-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

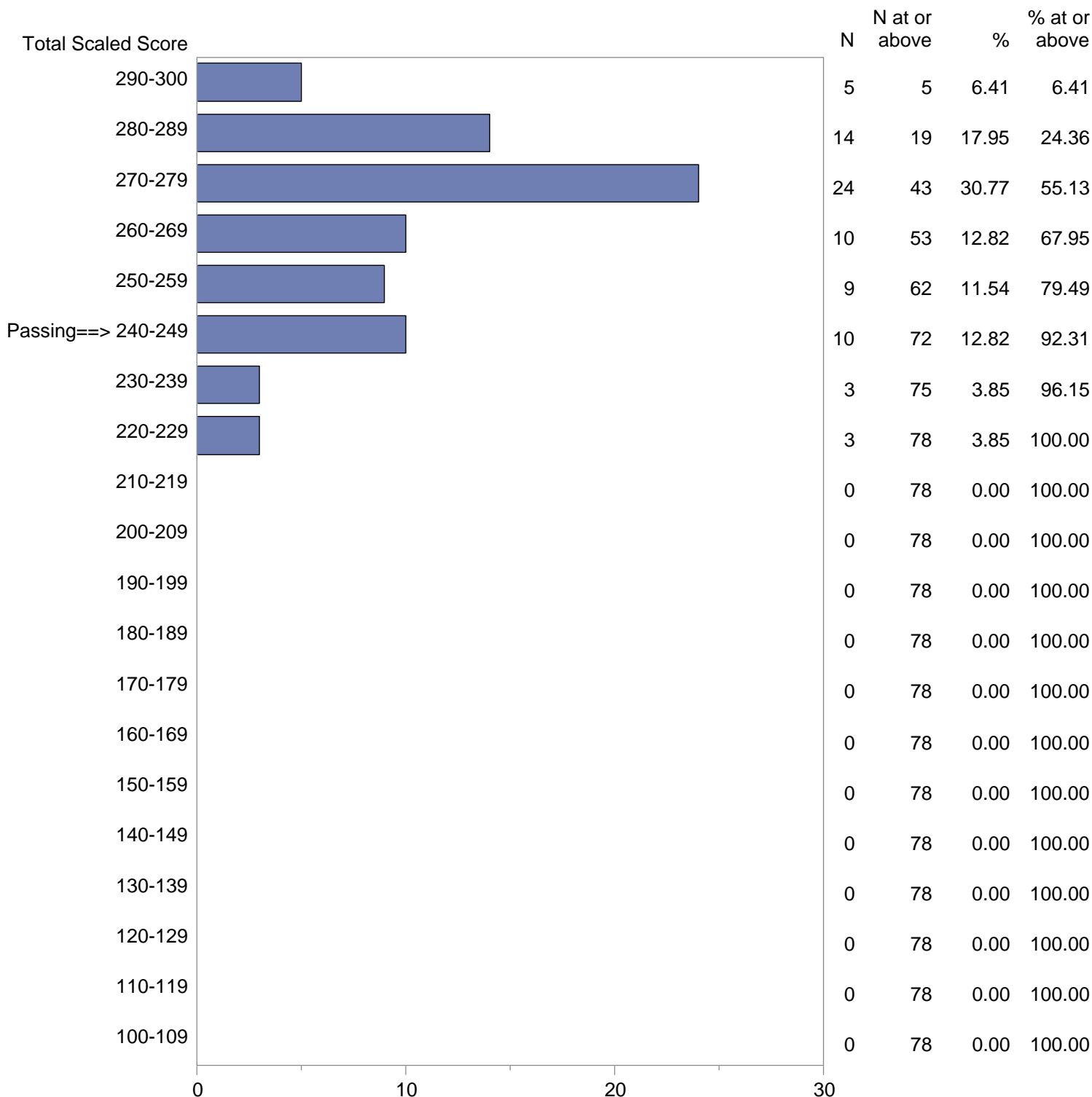
Test Field=057 Health (Grades 5-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

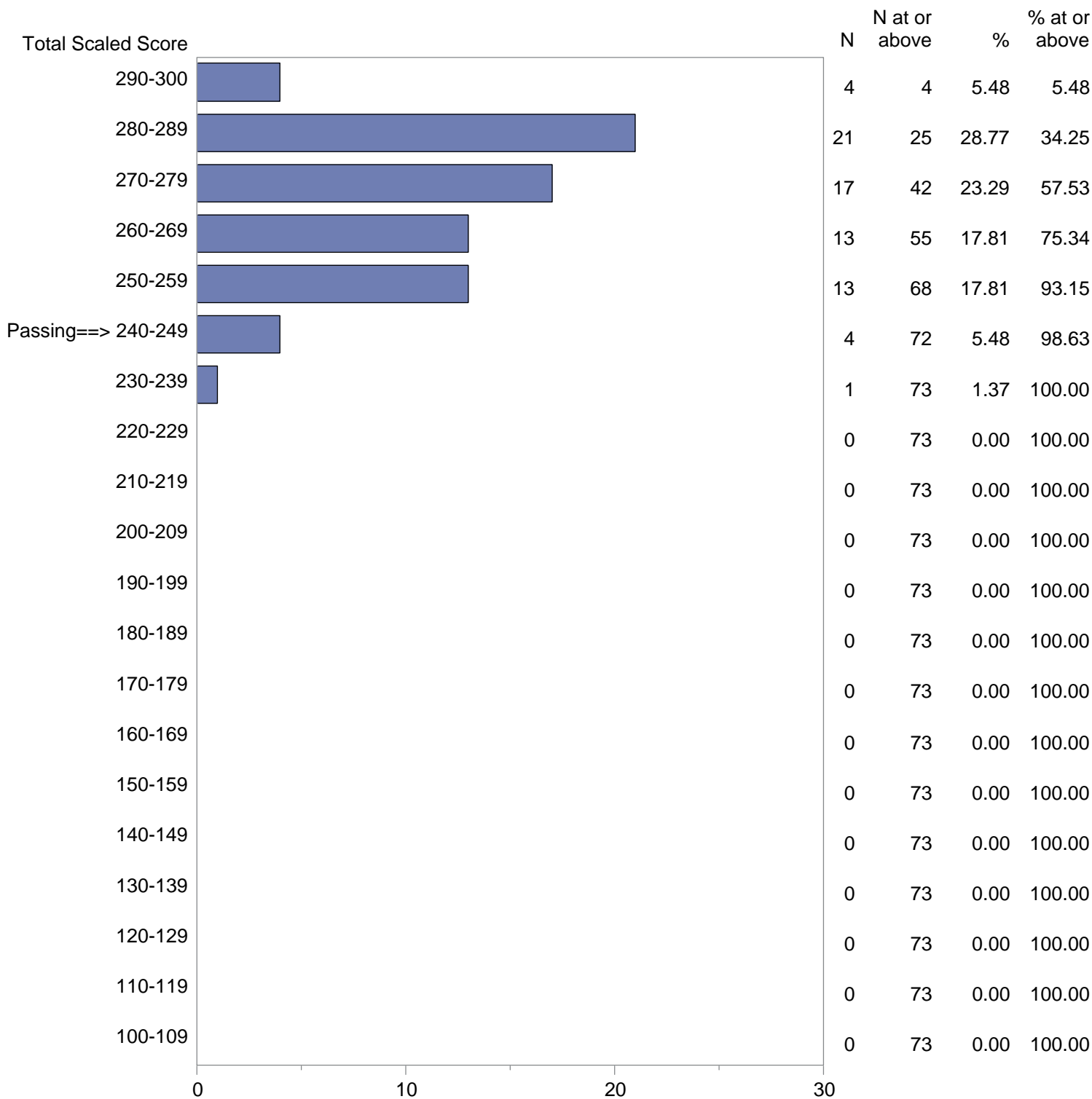
Test Field=058 Chemistry (Grades 9-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

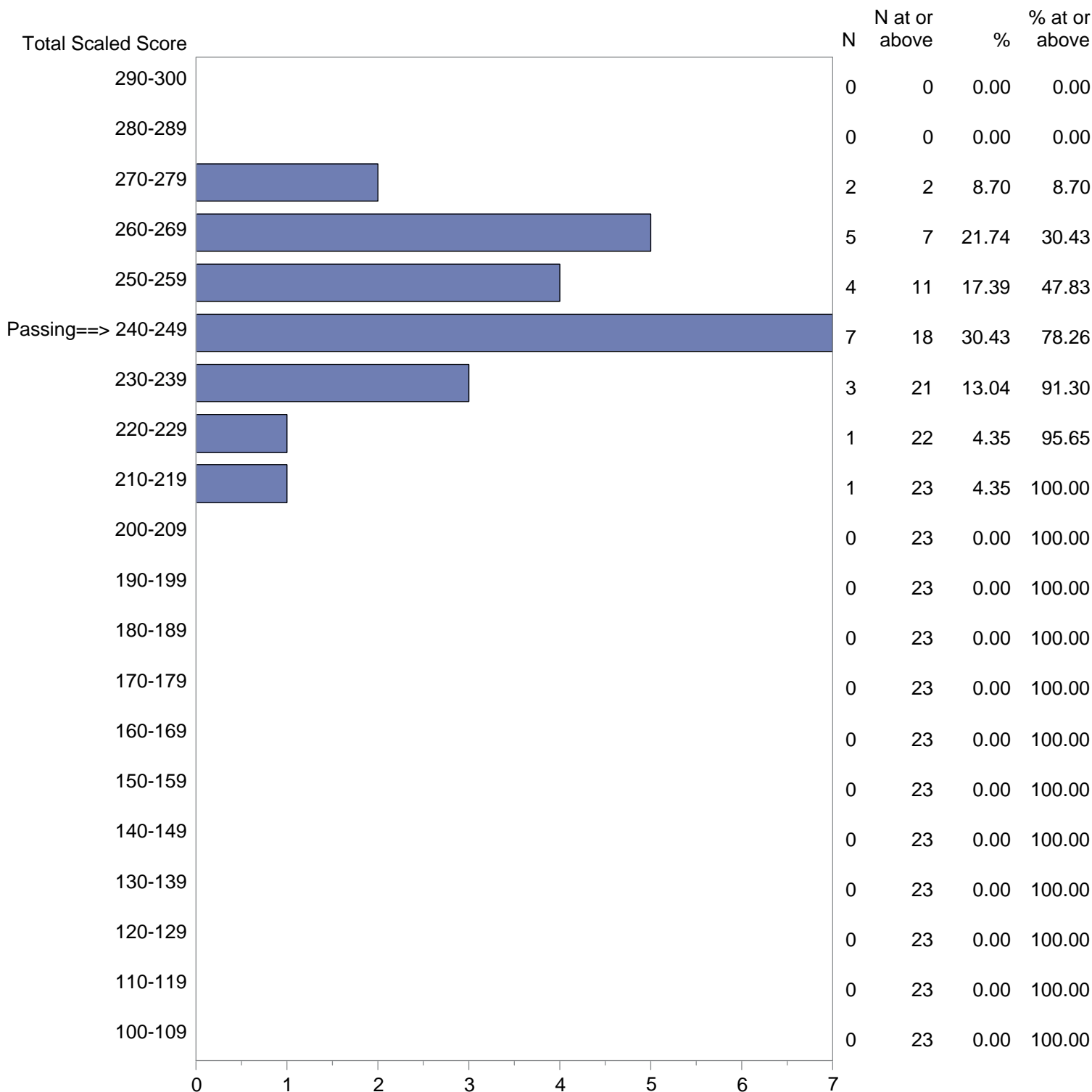
Test Field=059 Chemistry (Grades 9-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

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

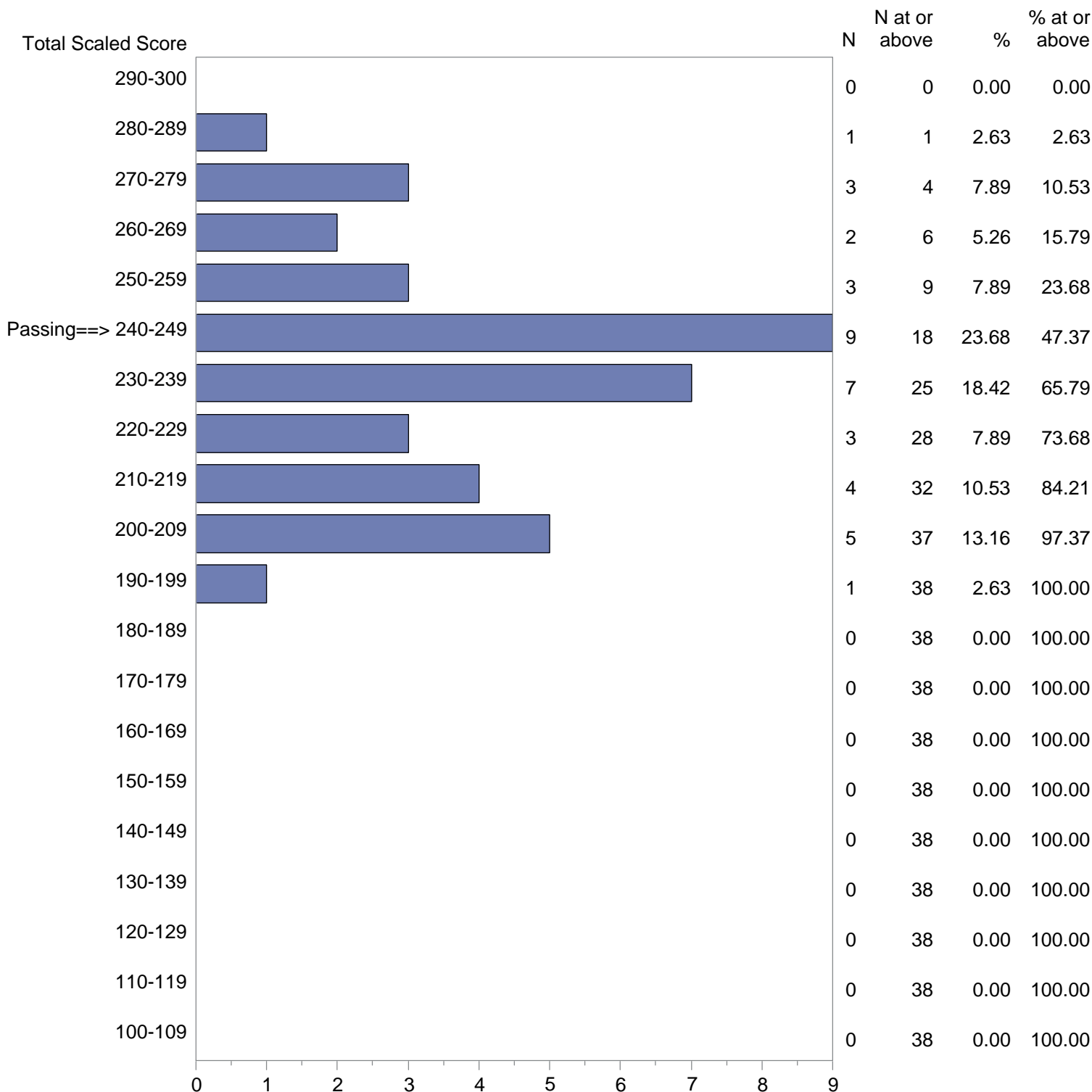


NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.



Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

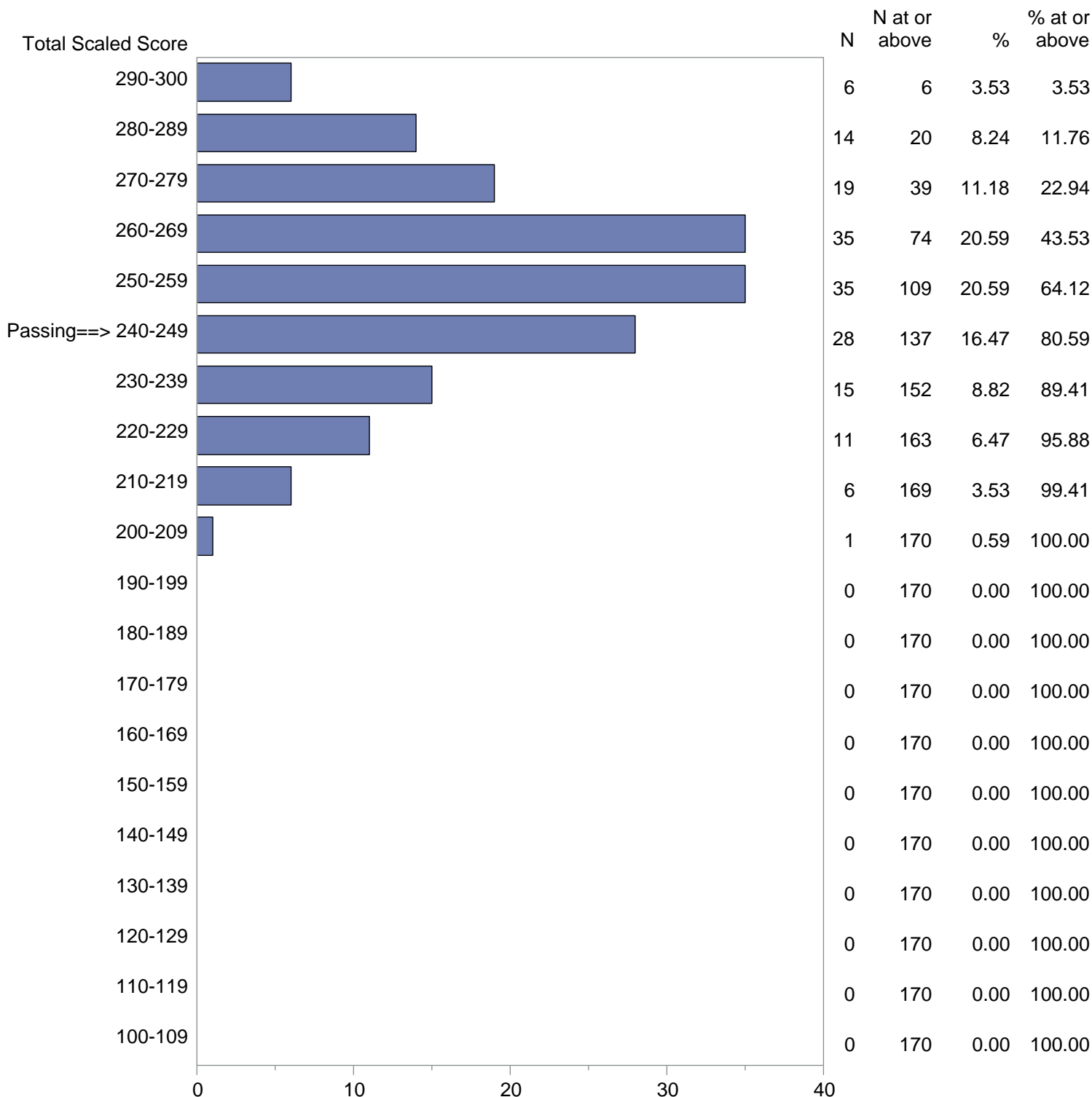
Test Field=061 Earth and Space Science (Grades 9-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

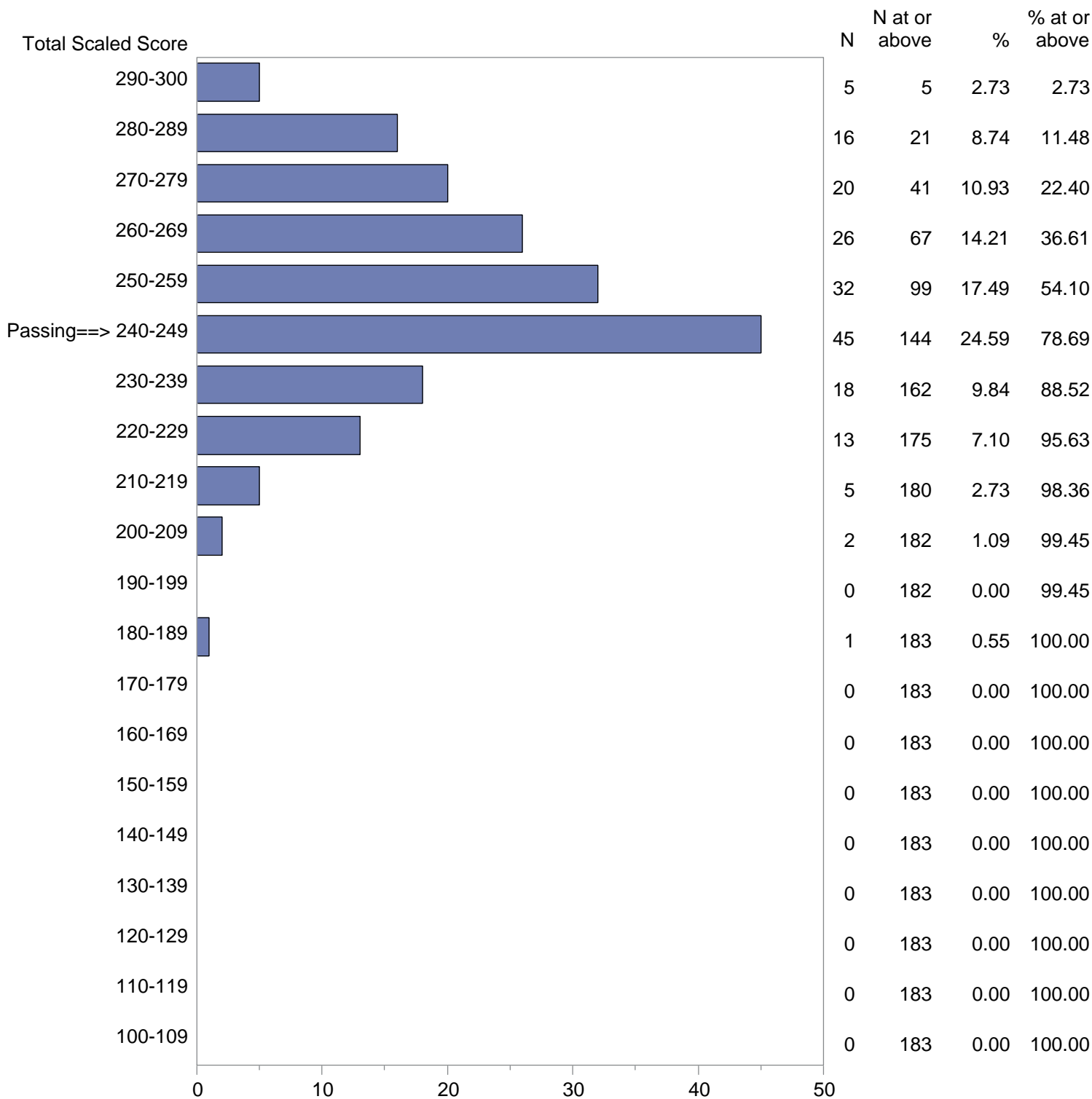
Test Field=062 Life Science (Grades 9-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

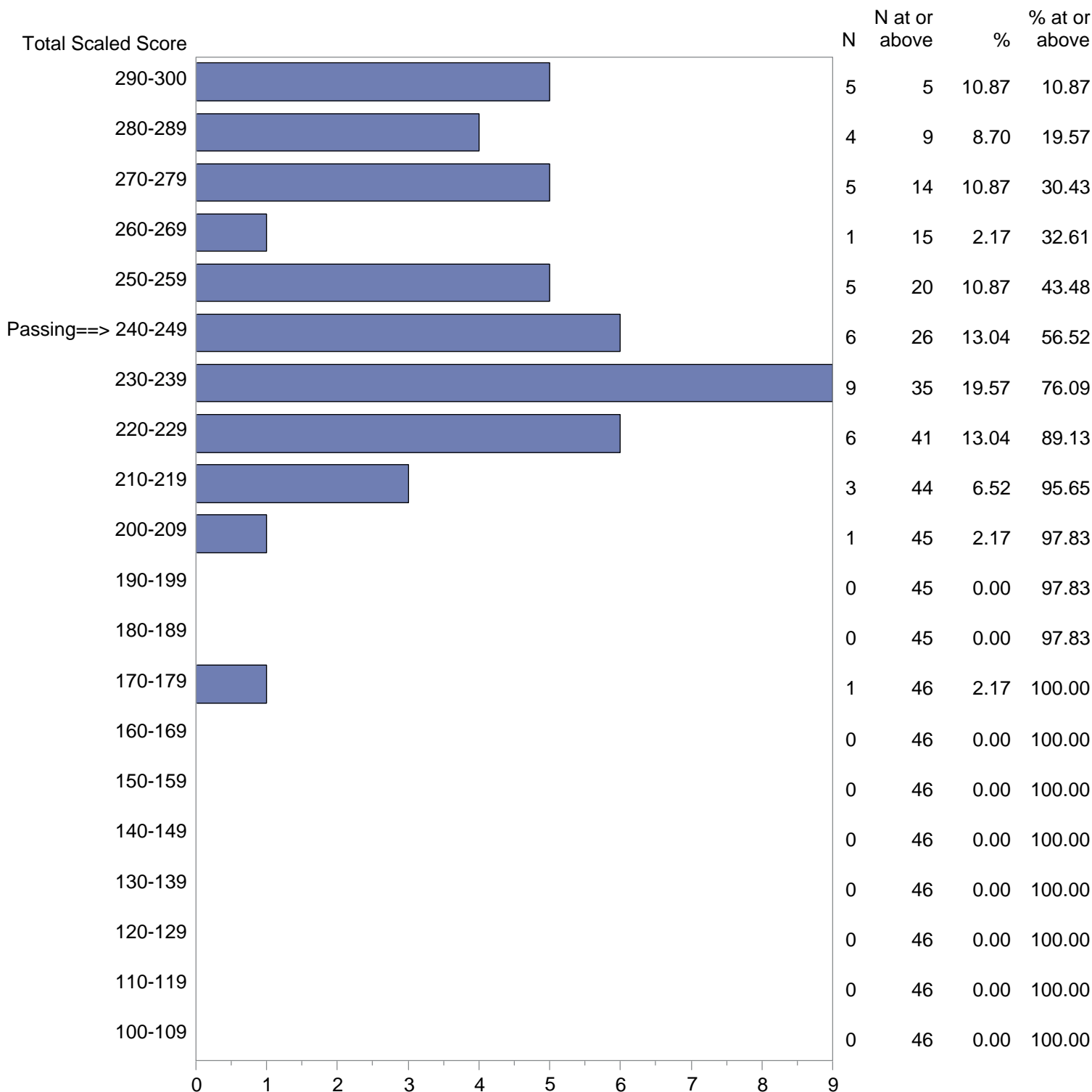
Test Field=063 Life Science (Grades 9-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

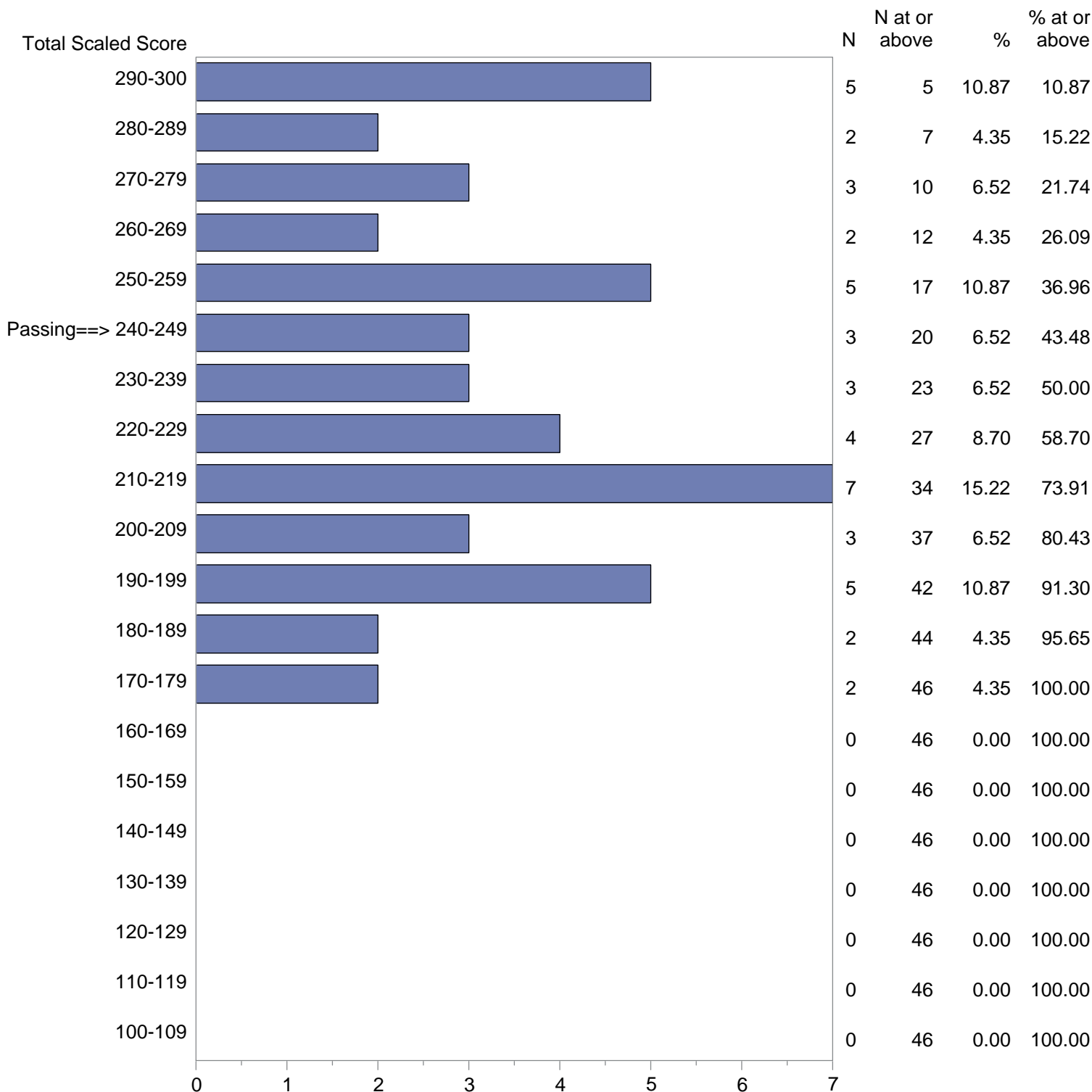
Test Field=064 Physics (Grades 9-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

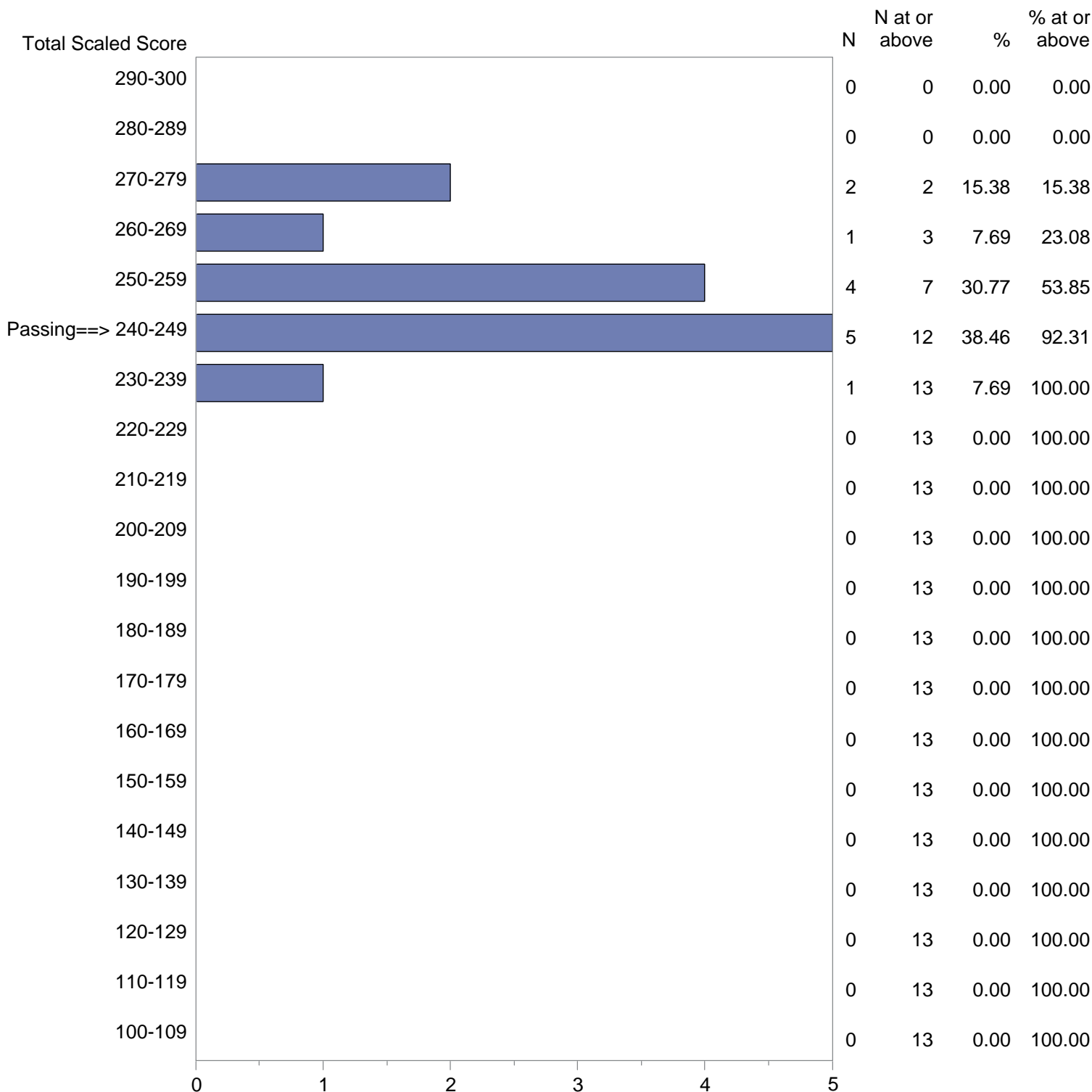
Test Field=065 Physics (Grades 9-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

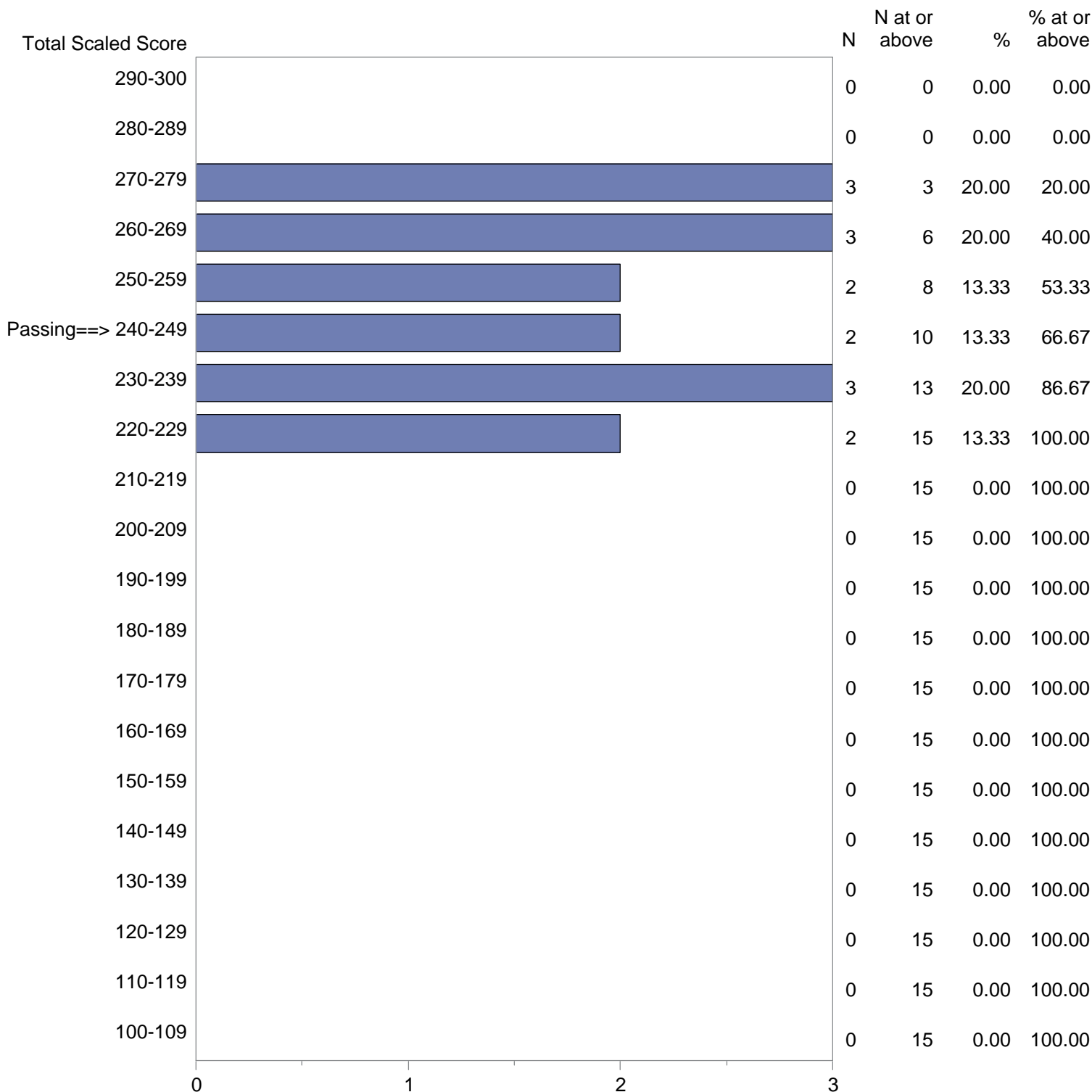
Test Field=080 Technology (Grades 5-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

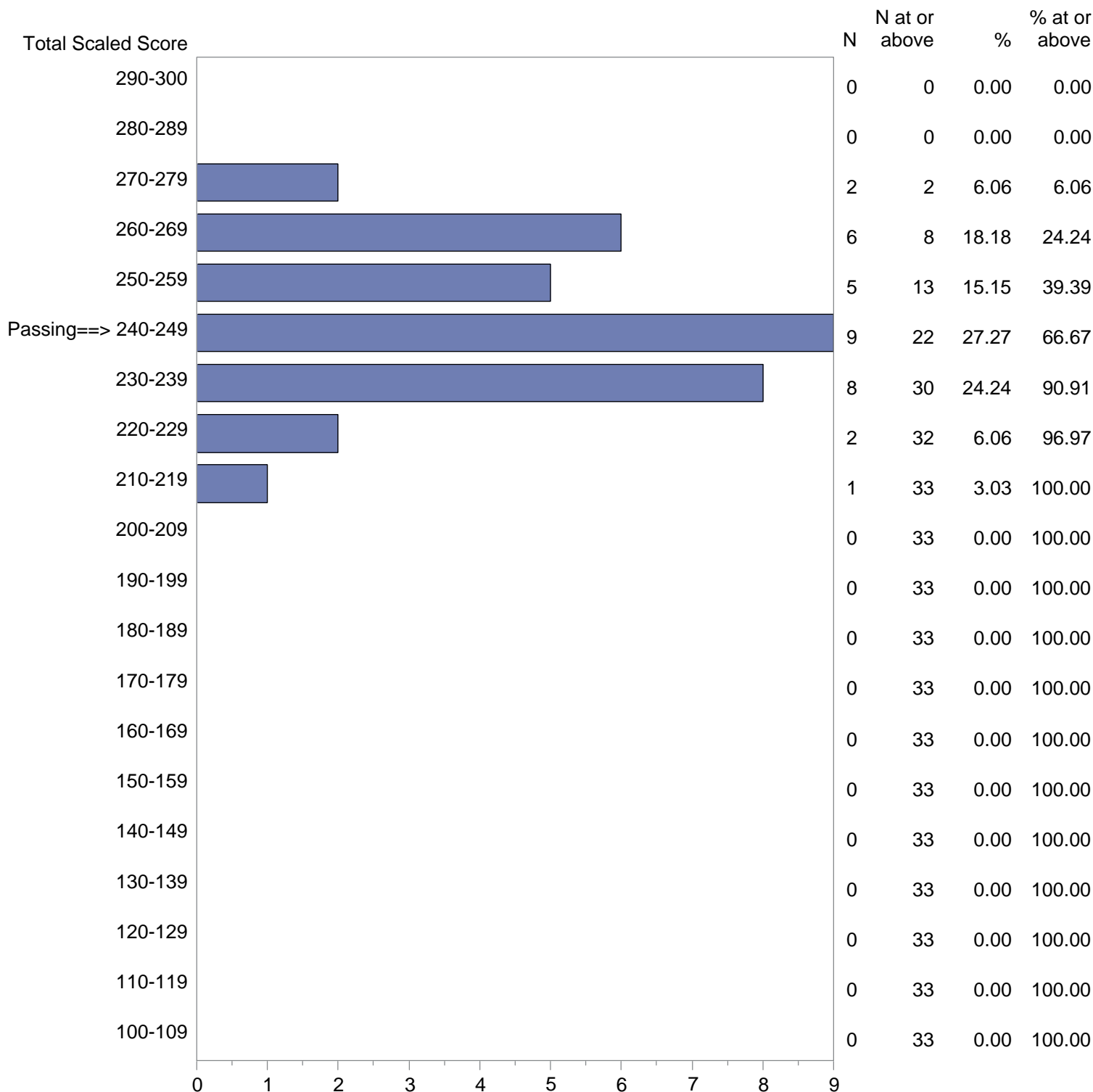
Test Field=081 Technology (Grades 5-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2017 - August 31, 2018  
Total Scaled Score Distribution by Test Field (All Forms)

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

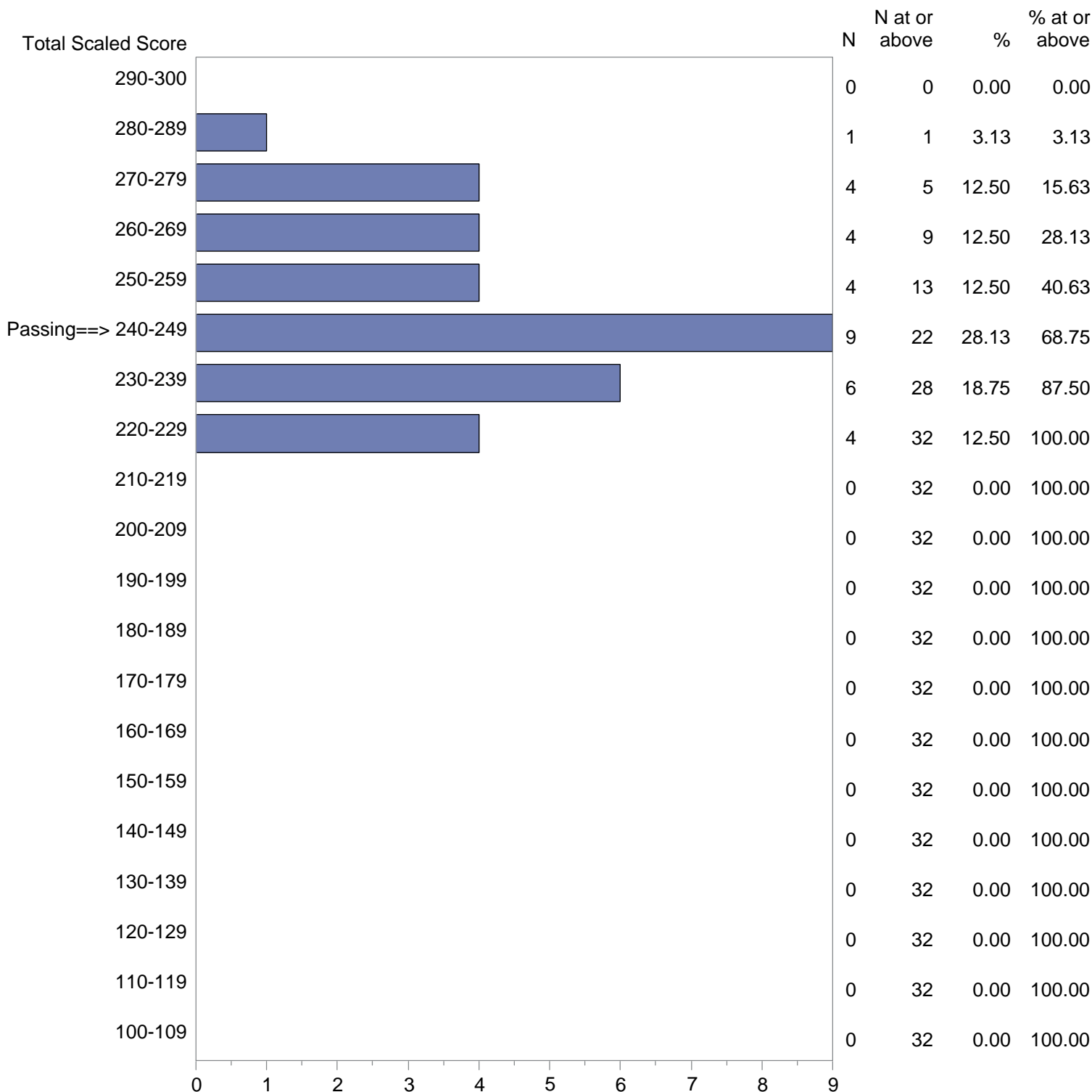


NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.



Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

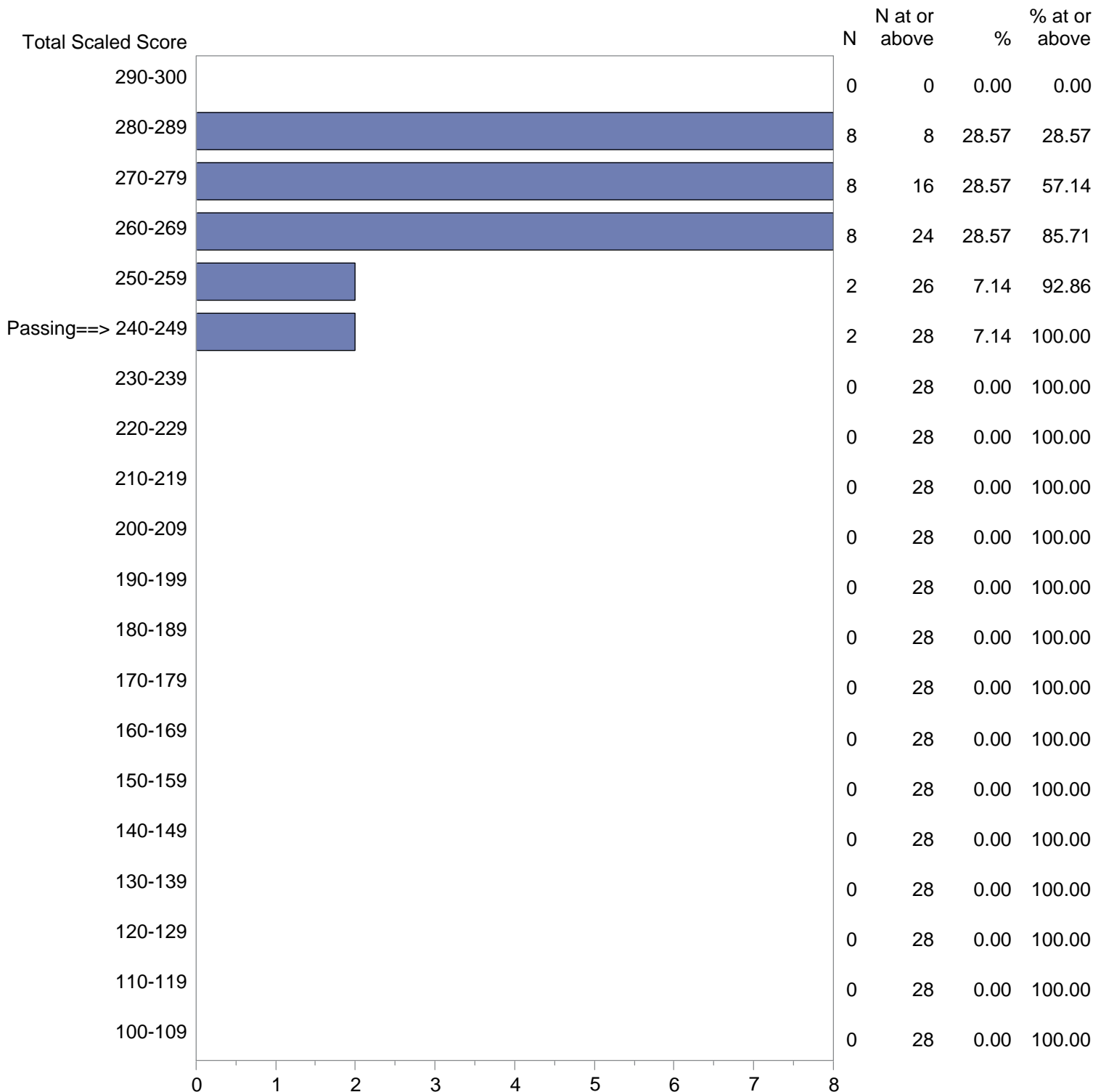
Test Field=083 Business (Grades 5-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

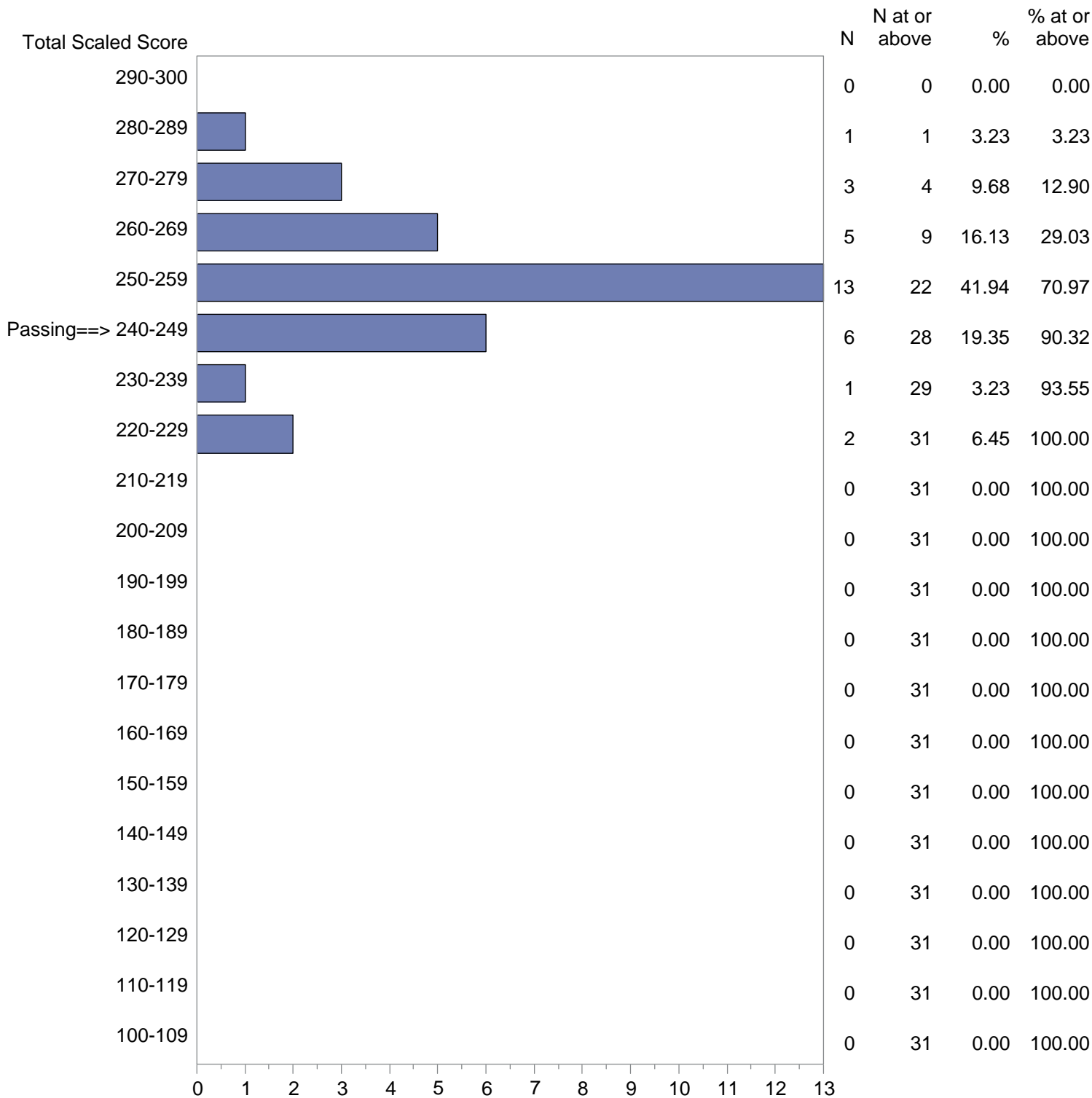
Test Field=084 Family and Consumer Sciences (Grades 5-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

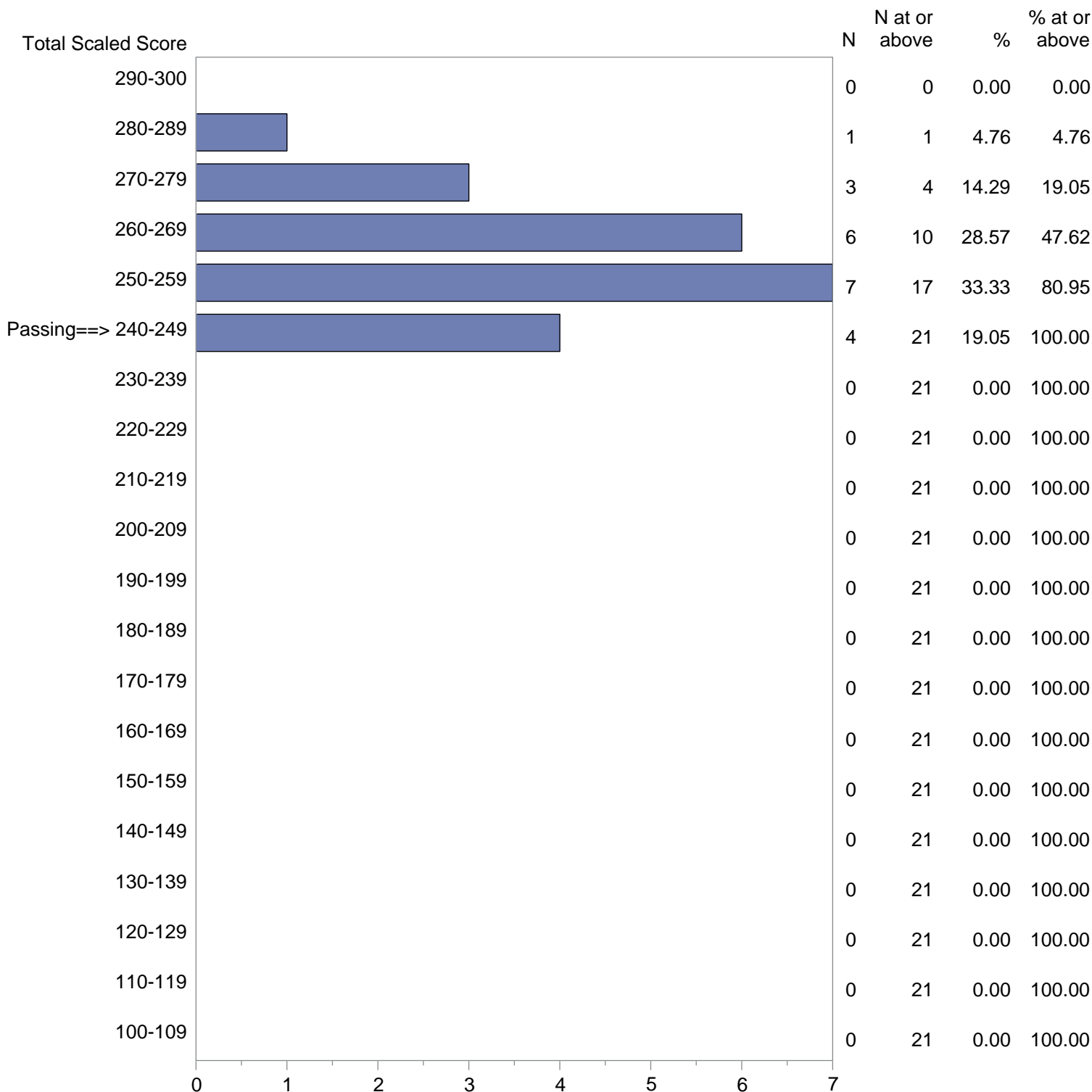
Test Field=085 Family and Consumer Sciences (Grades 5-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

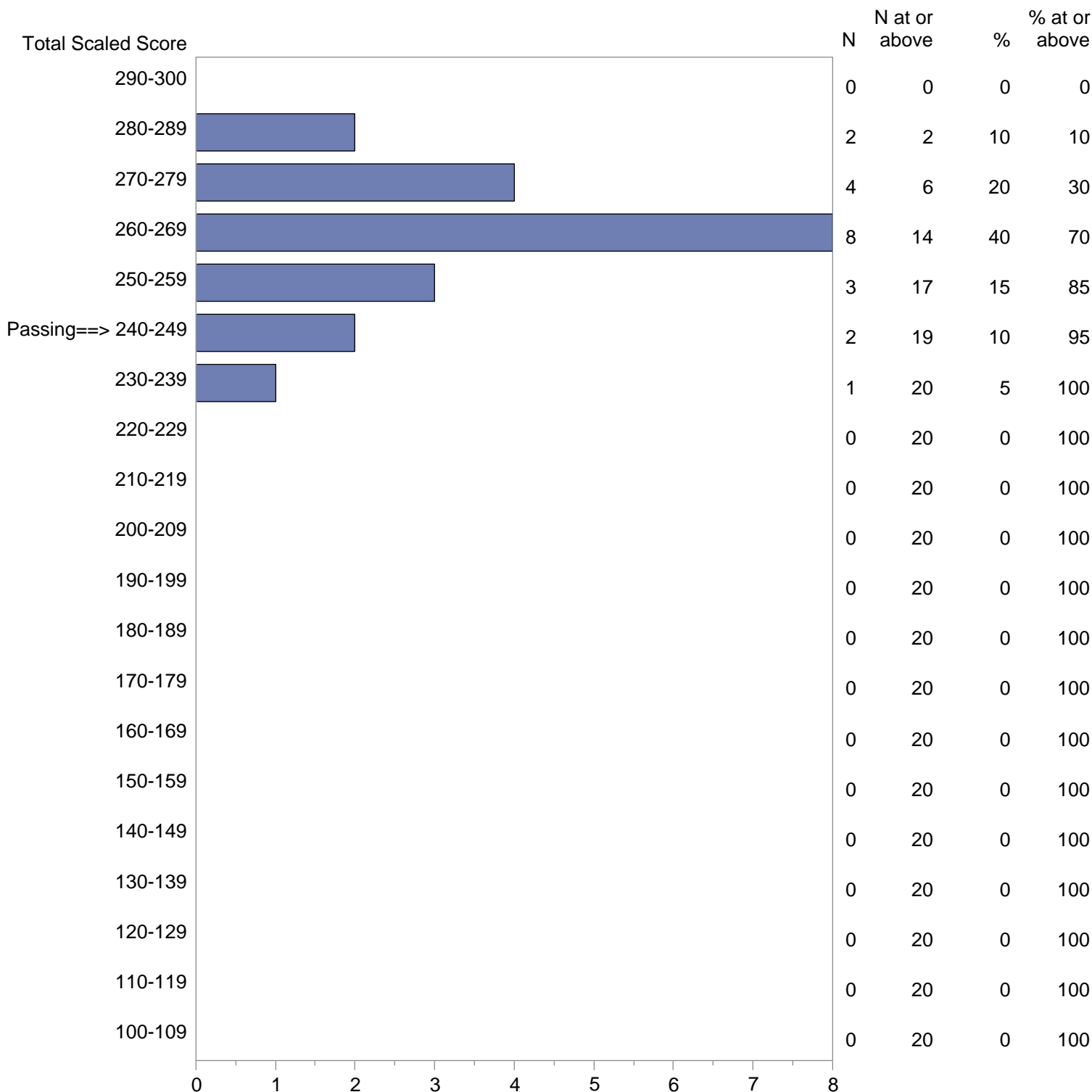
Test Field=086 Agricultural Education (Grades 5-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

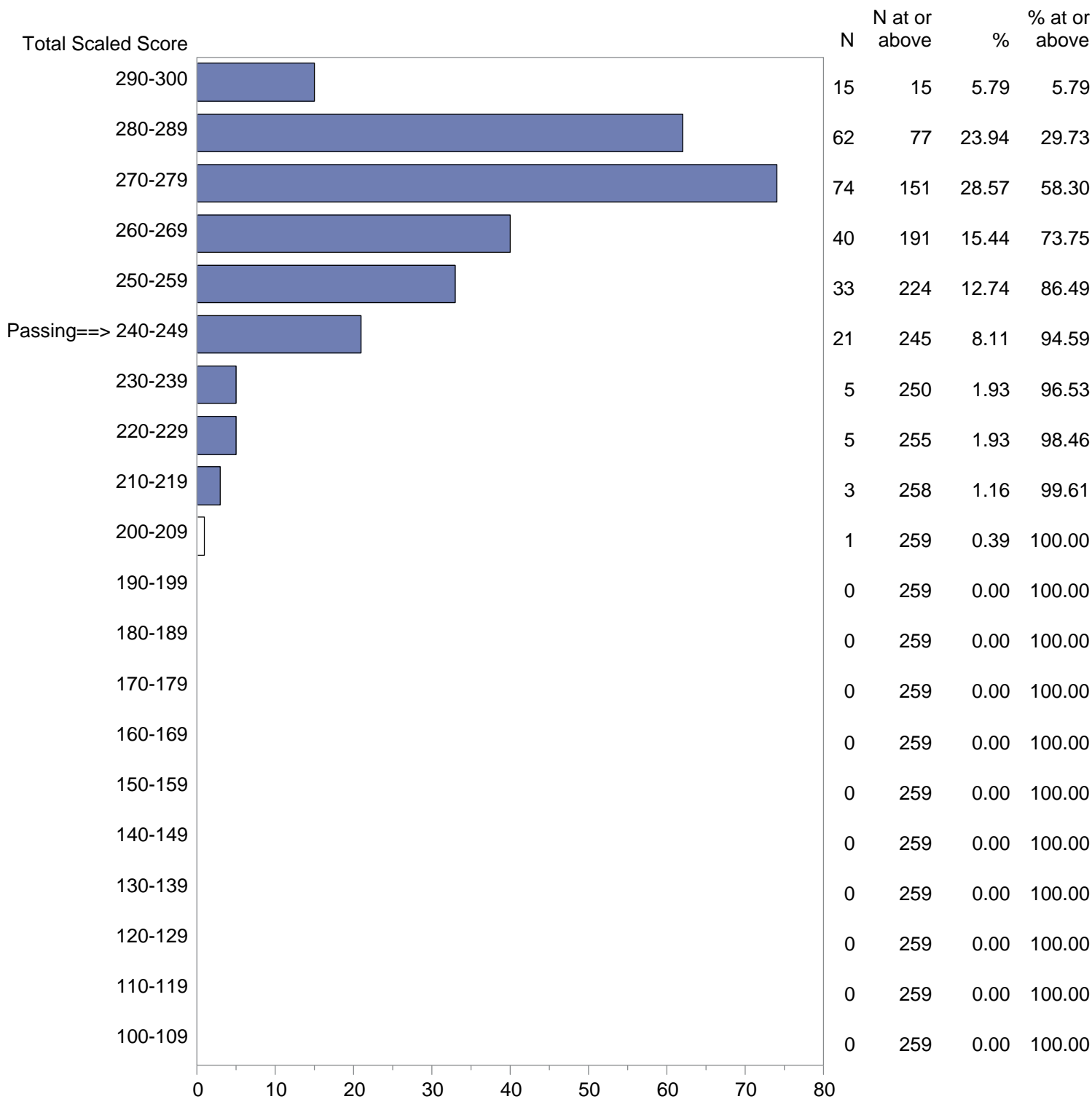
Test Field=087 Agricultural Education (Grades 5-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

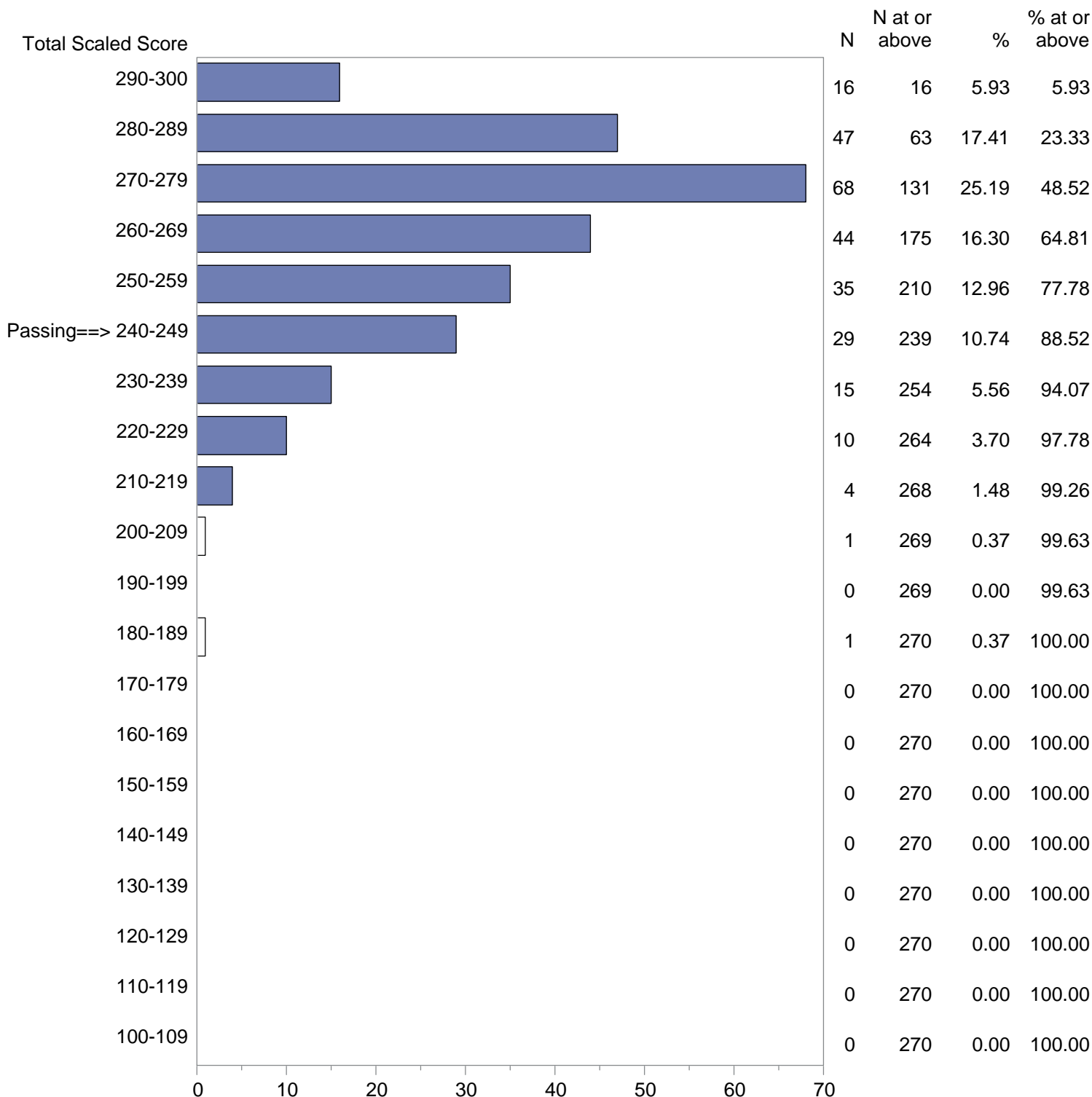
Test Field=100 Reading Teacher (Grades K-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

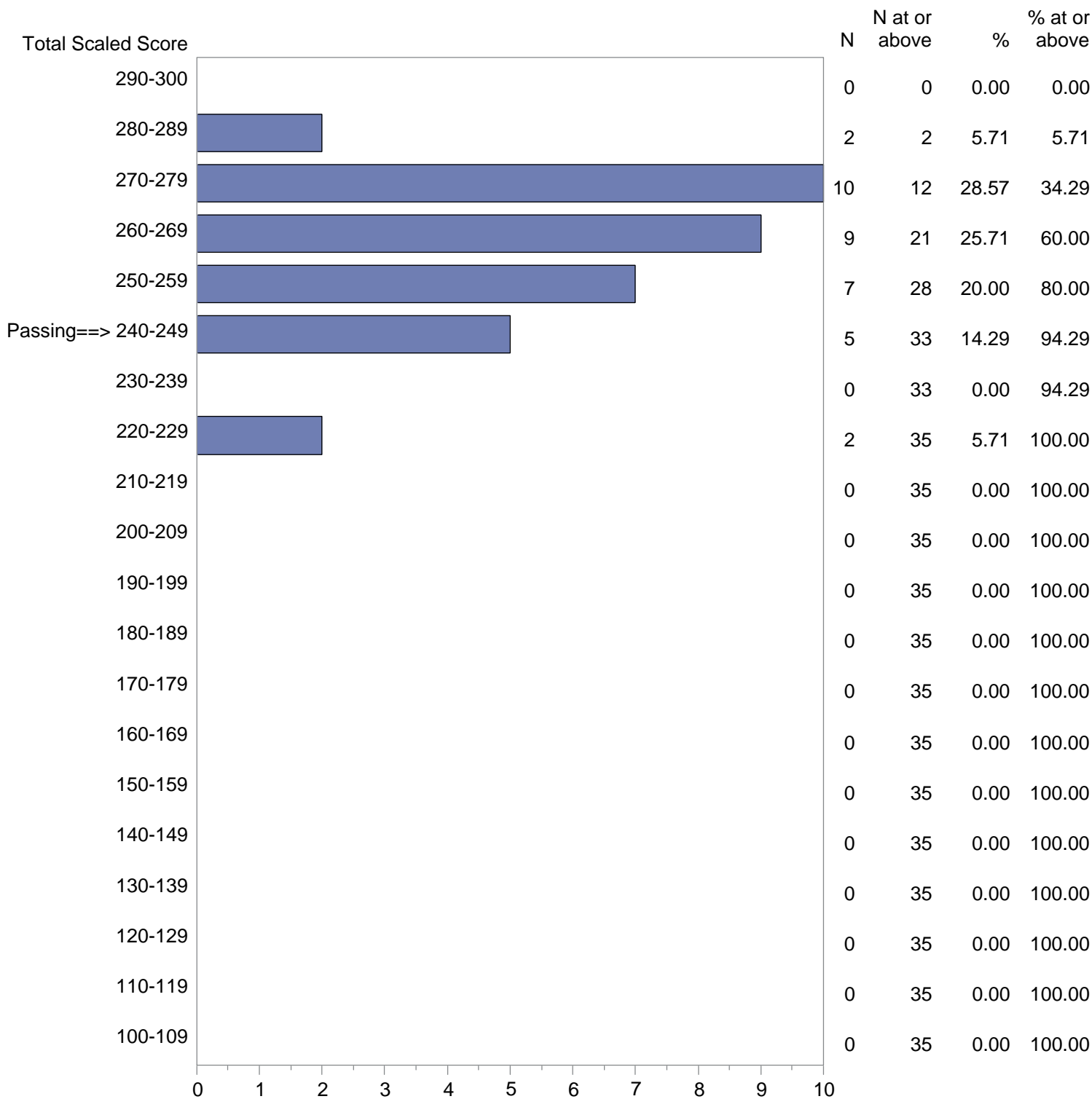
Test Field=101 Reading Teacher (Grades K-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

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

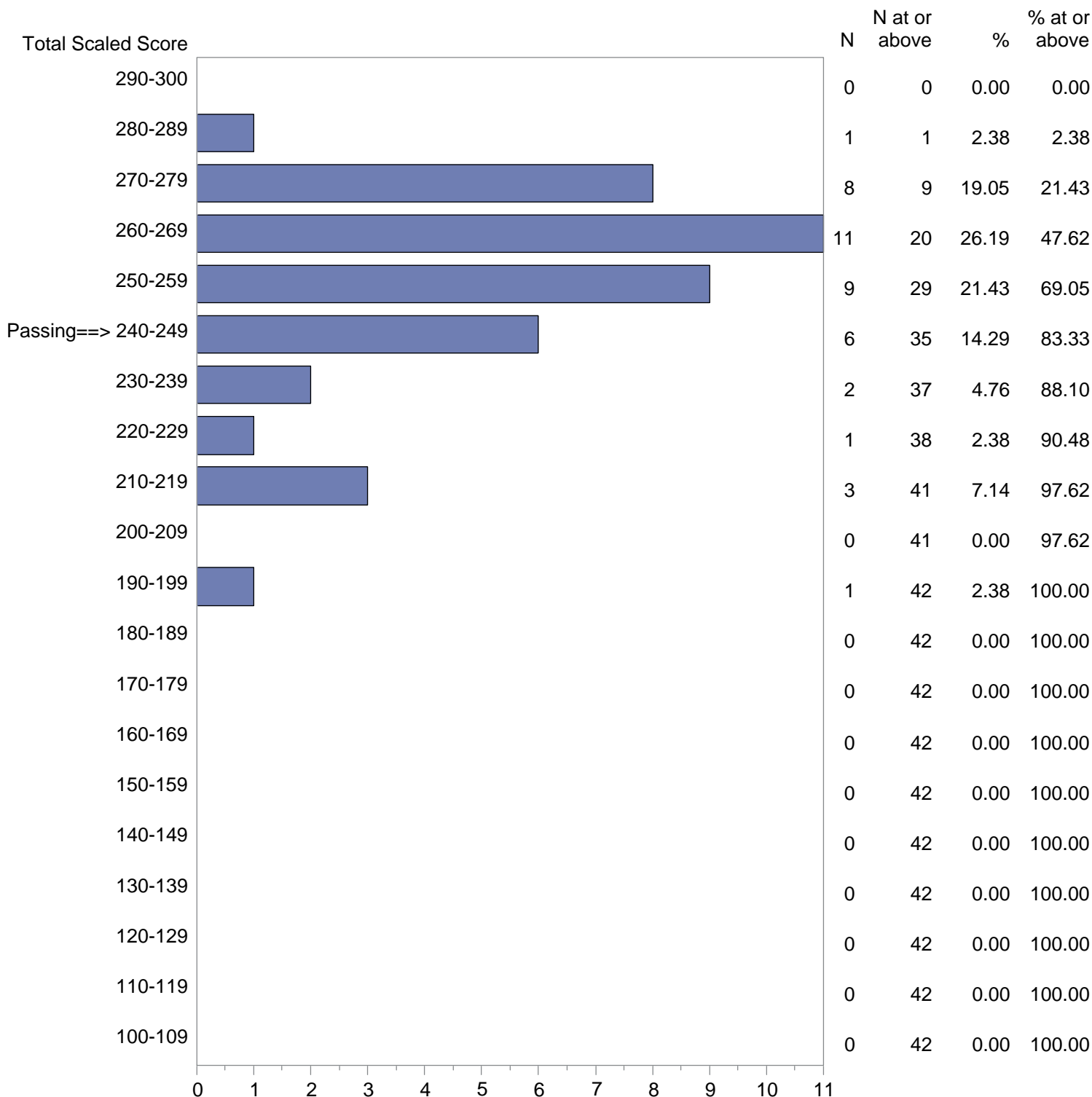


NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.



Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

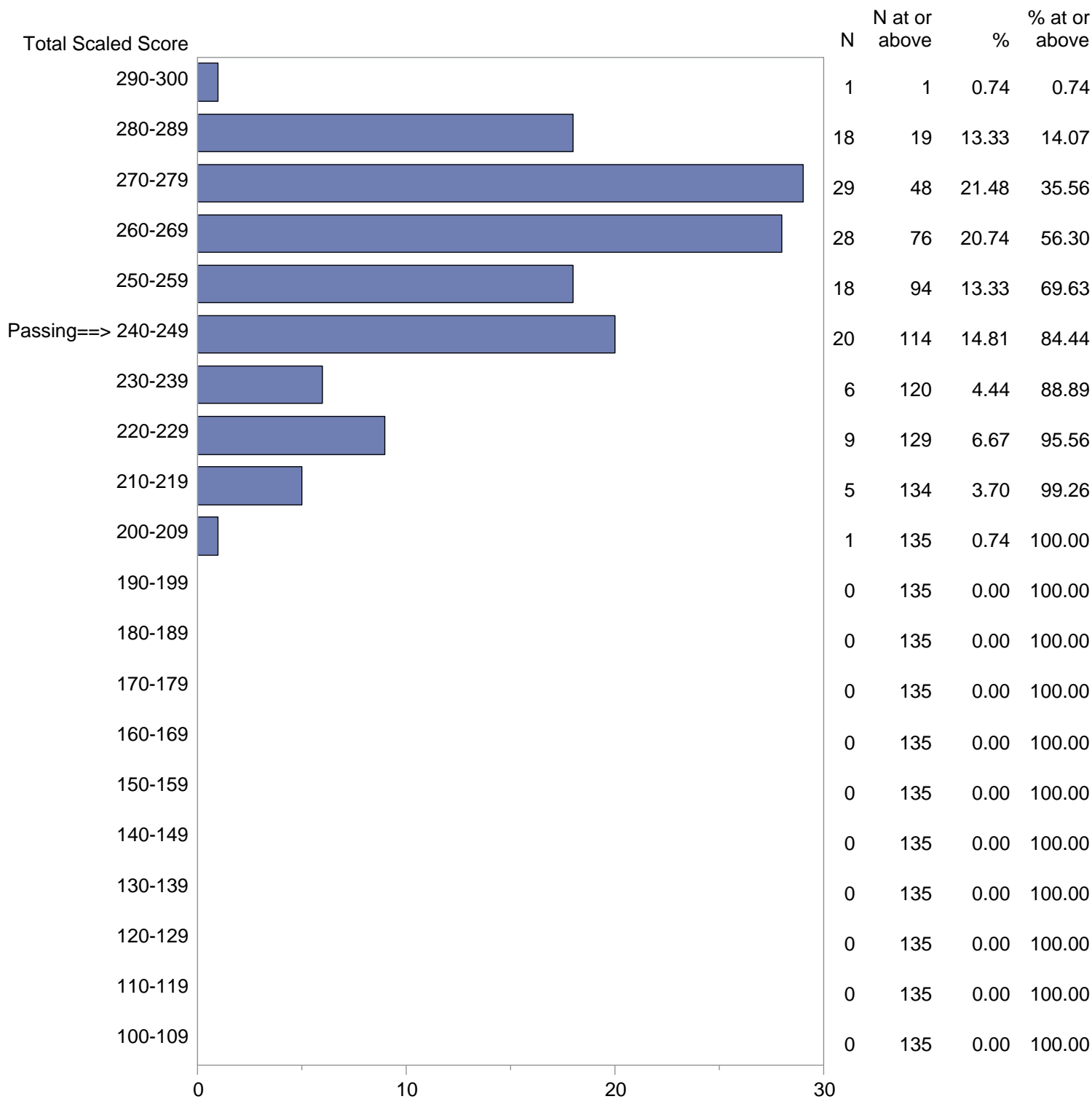
Test Field=103 Library Media Specialist (Grades K-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2017 - August 31, 2018  
Total Scaled Score Distribution by Test Field (All Forms)

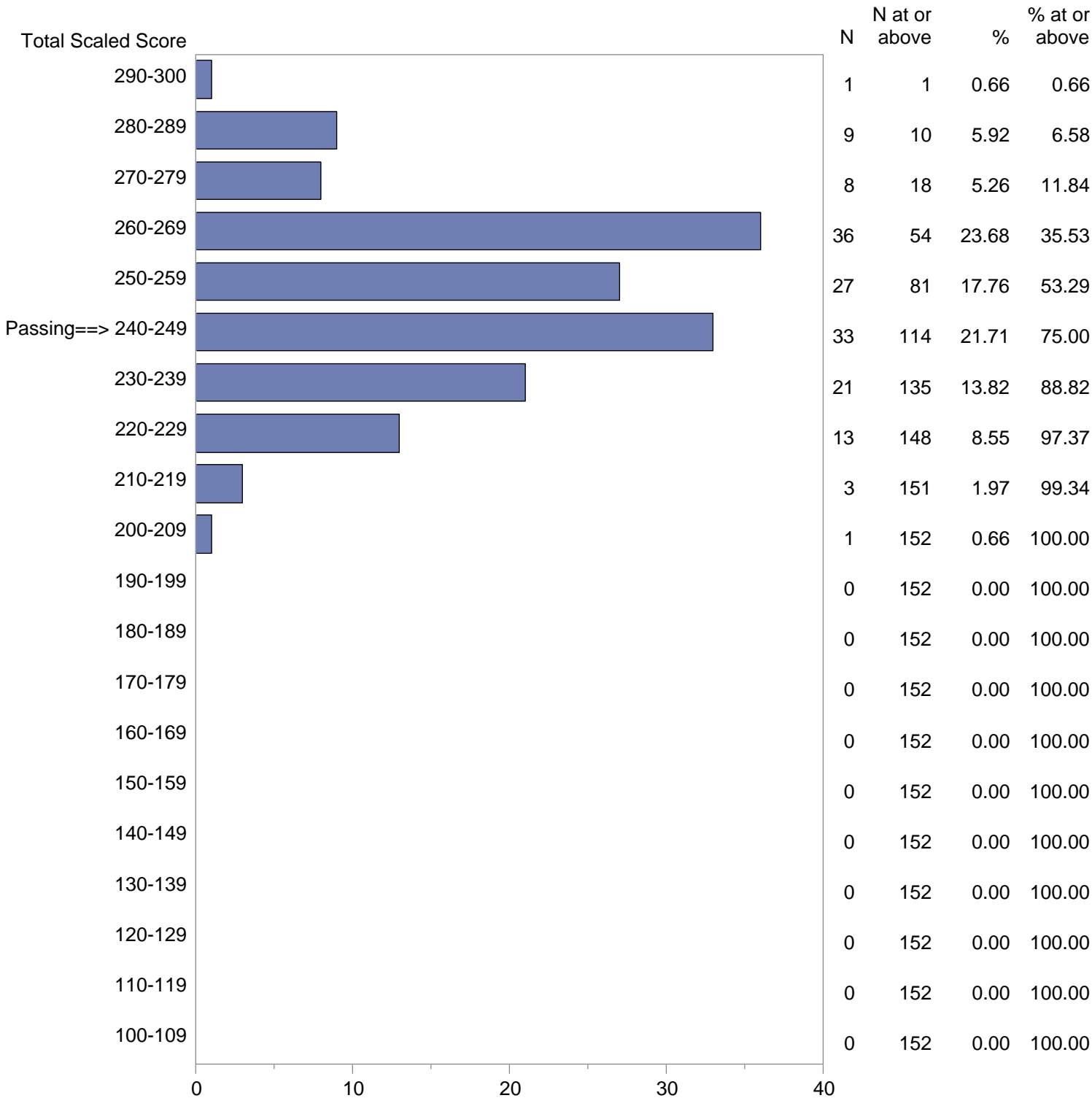
Test Field=104 Visual Arts (Grades K-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

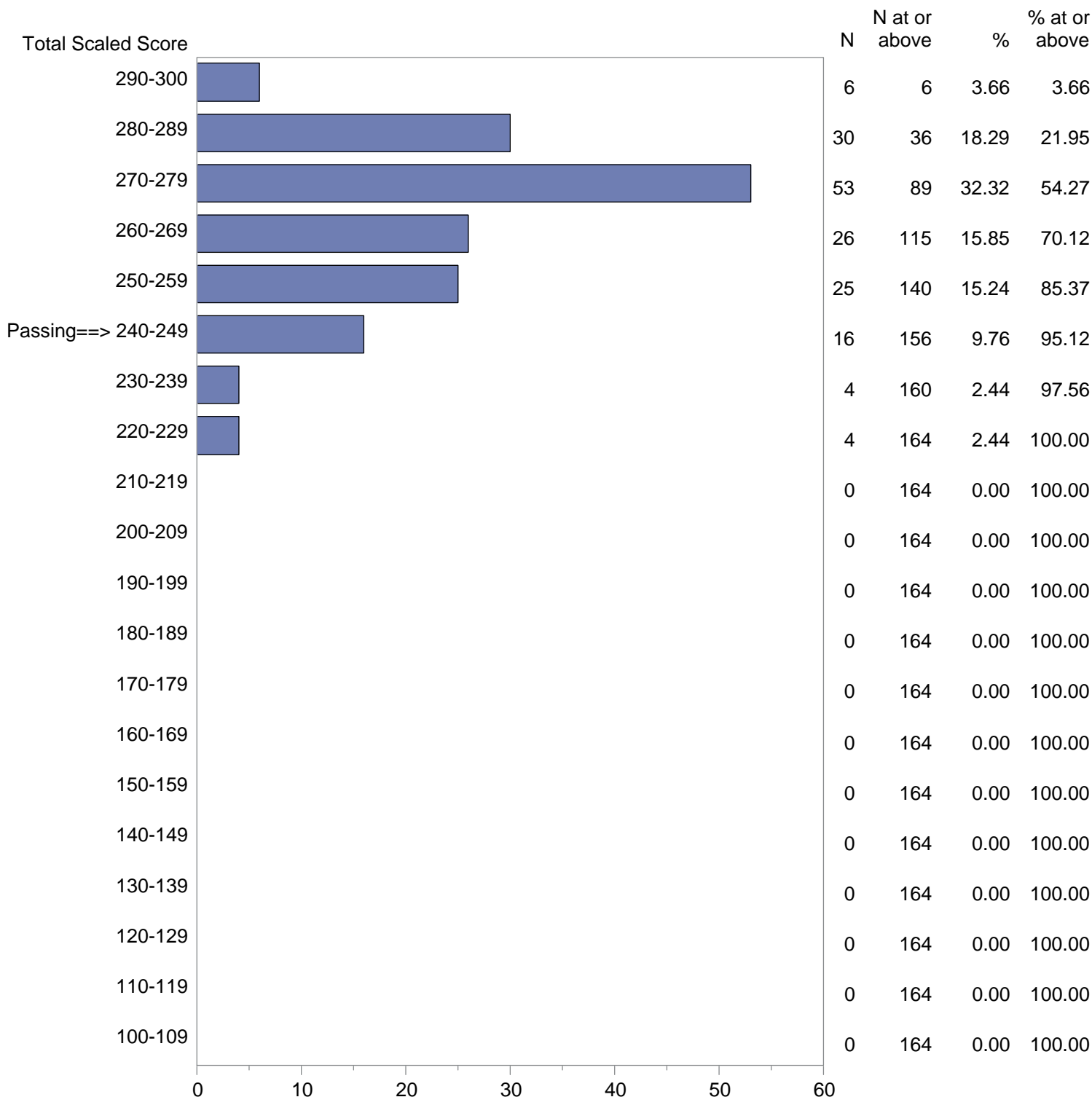
Test Field=105 Visual Arts (Grades K-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

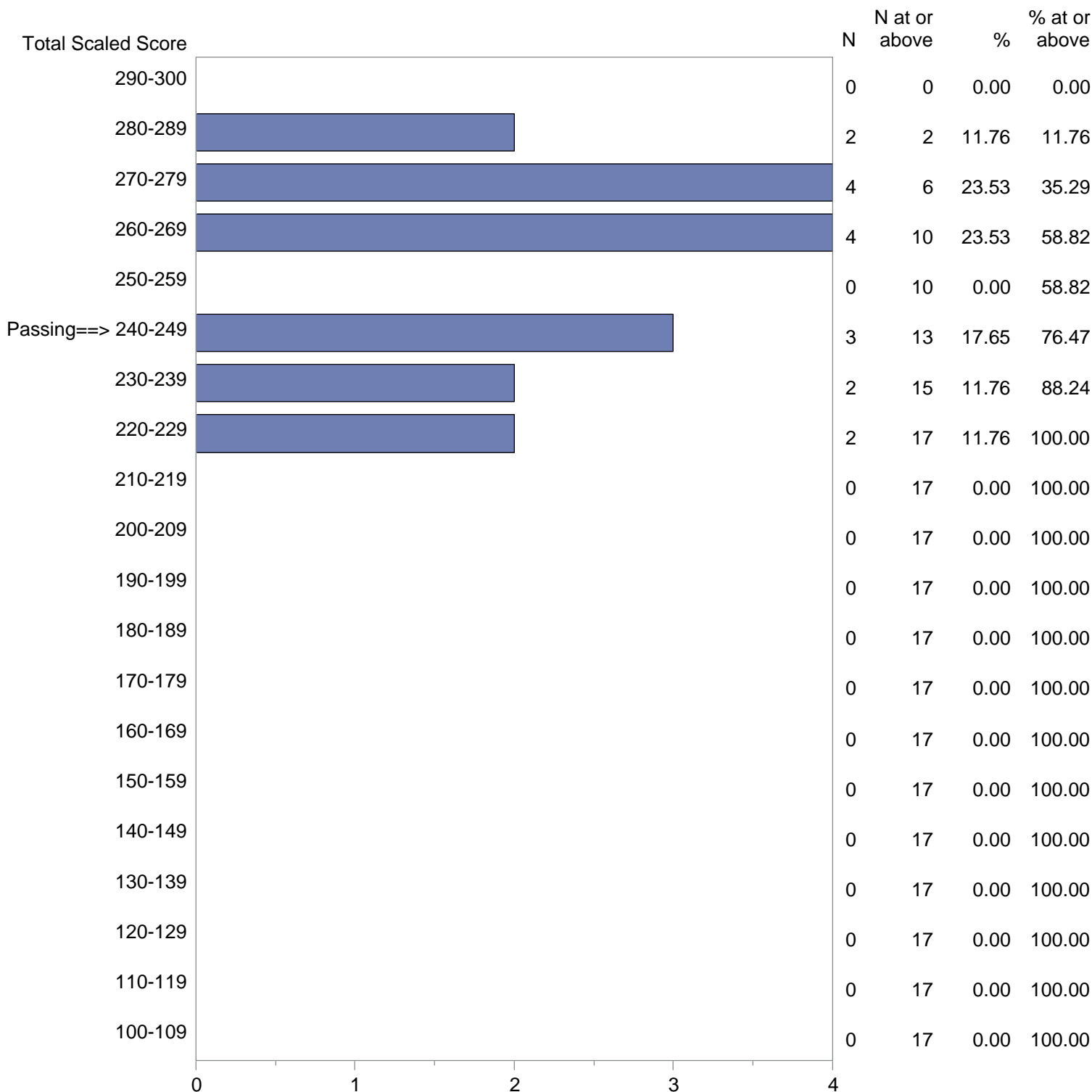
Test Field=106 Instrumental and Vocal Classroom Music (Grades K-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

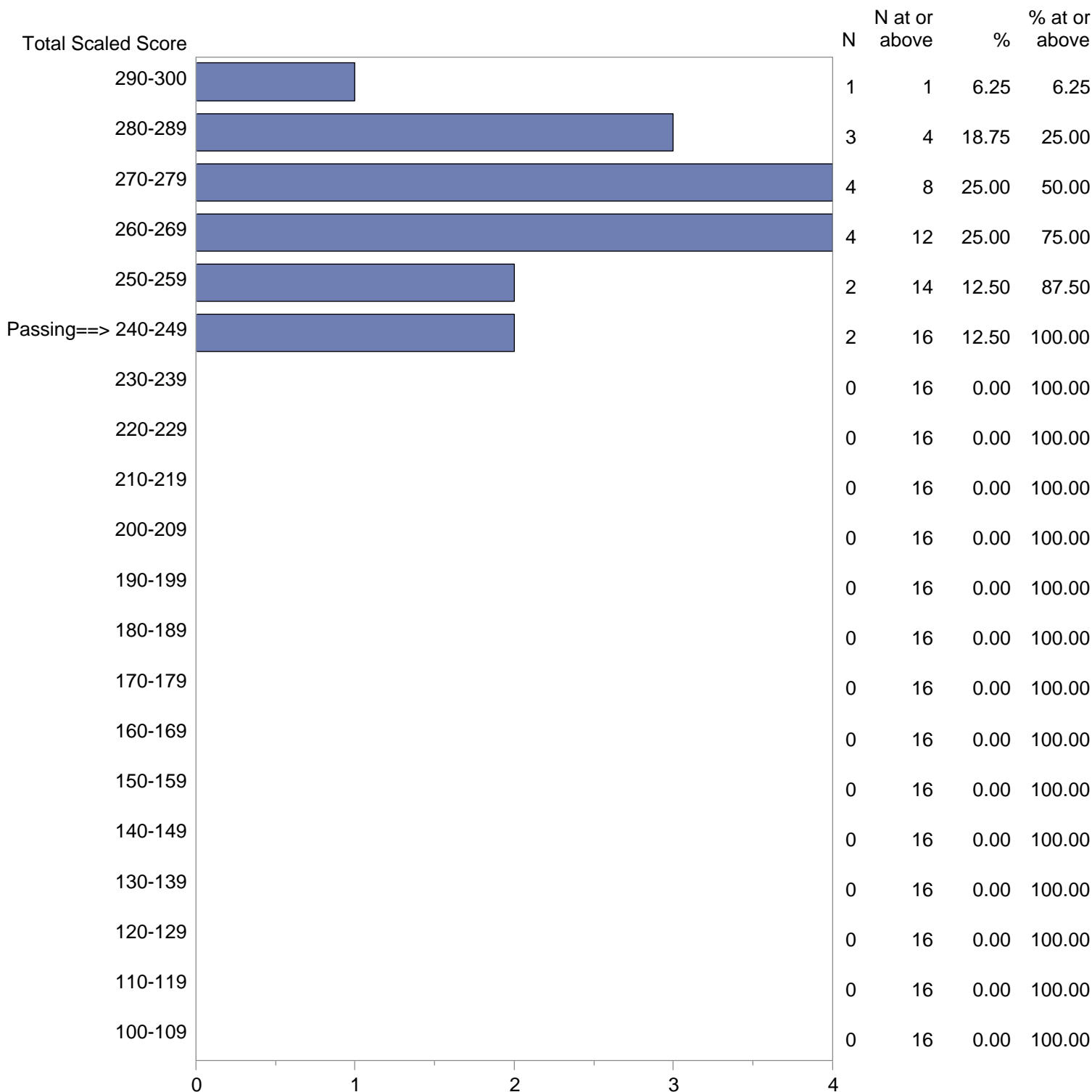
Test Field=108 Theatre (Grades K-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

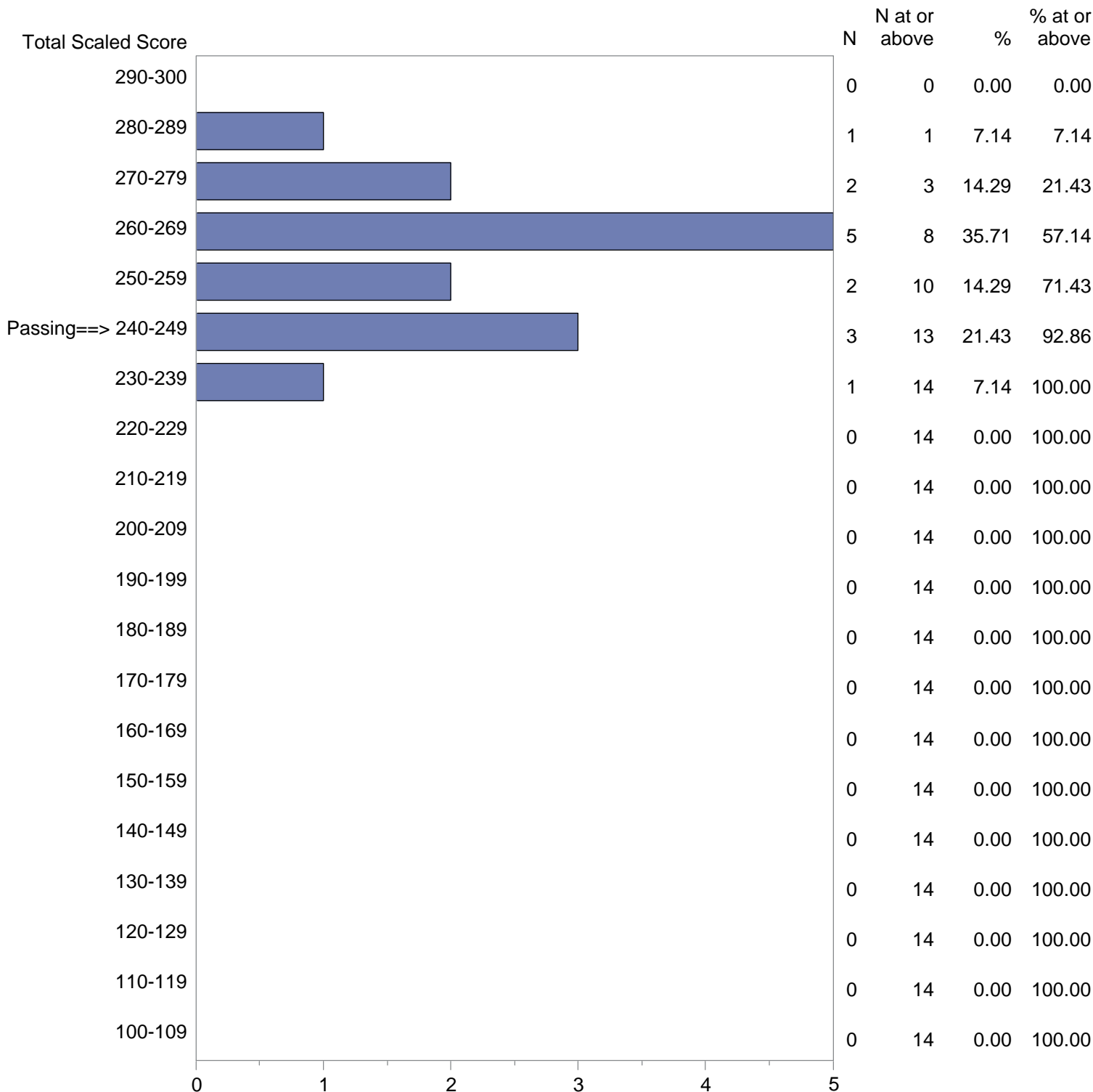
Test Field=109 Theatre (Grades K-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

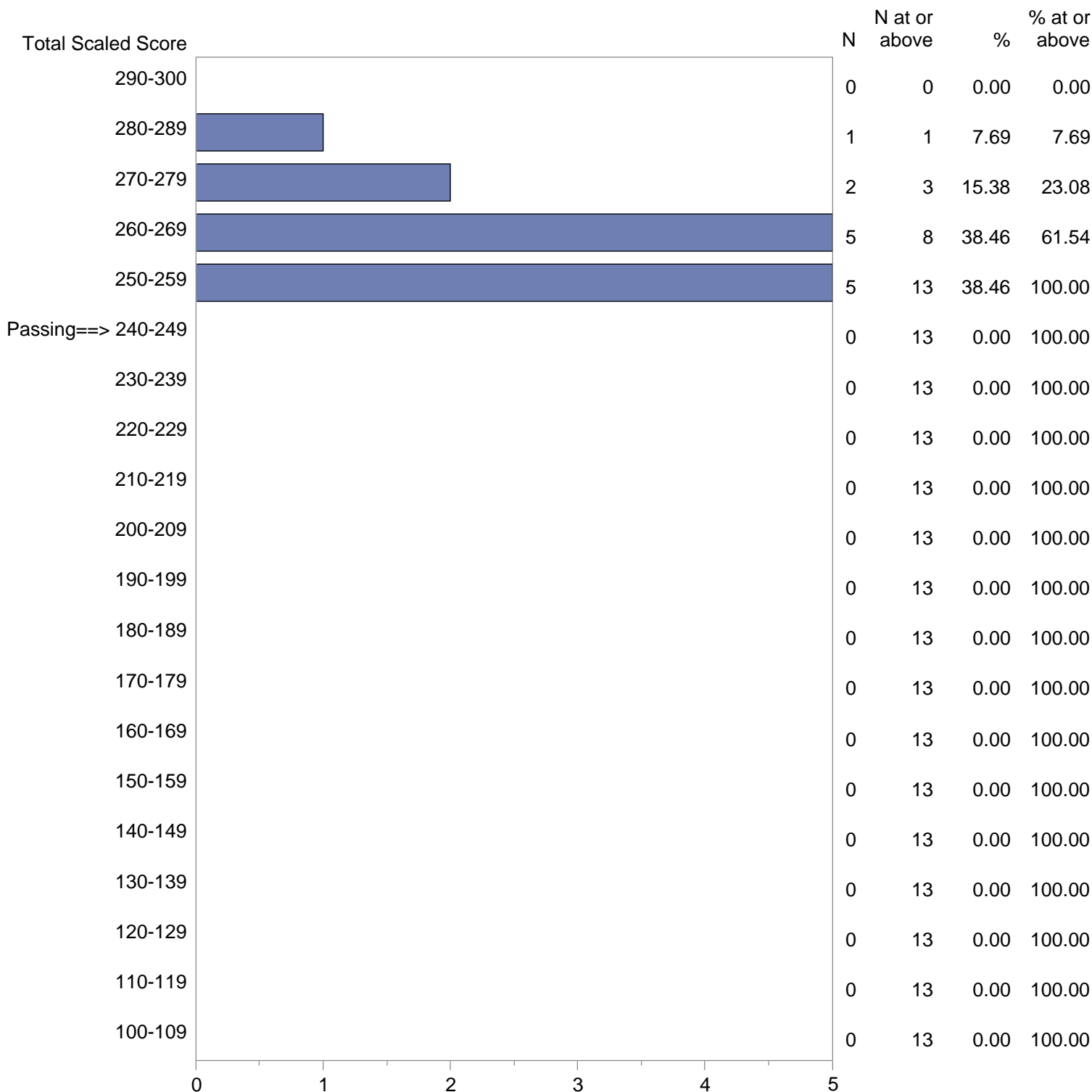
Test Field=110 Dance (Grades K-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

Test Field=111 Dance (Grades K-12) Subtest 2

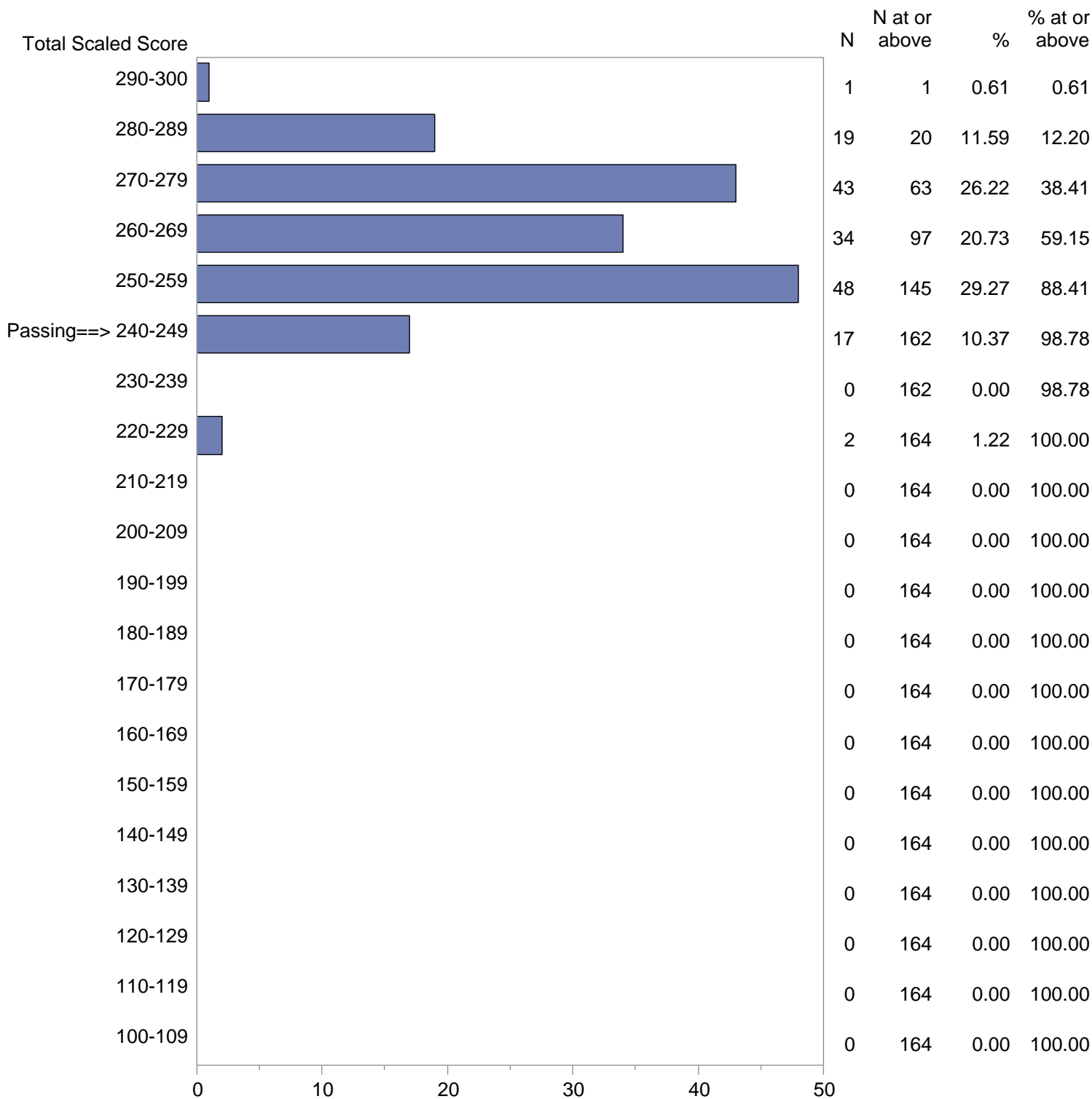


NOTE: The accompanying explanatory notes and interpretive cautions are an integral part of this report.



Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

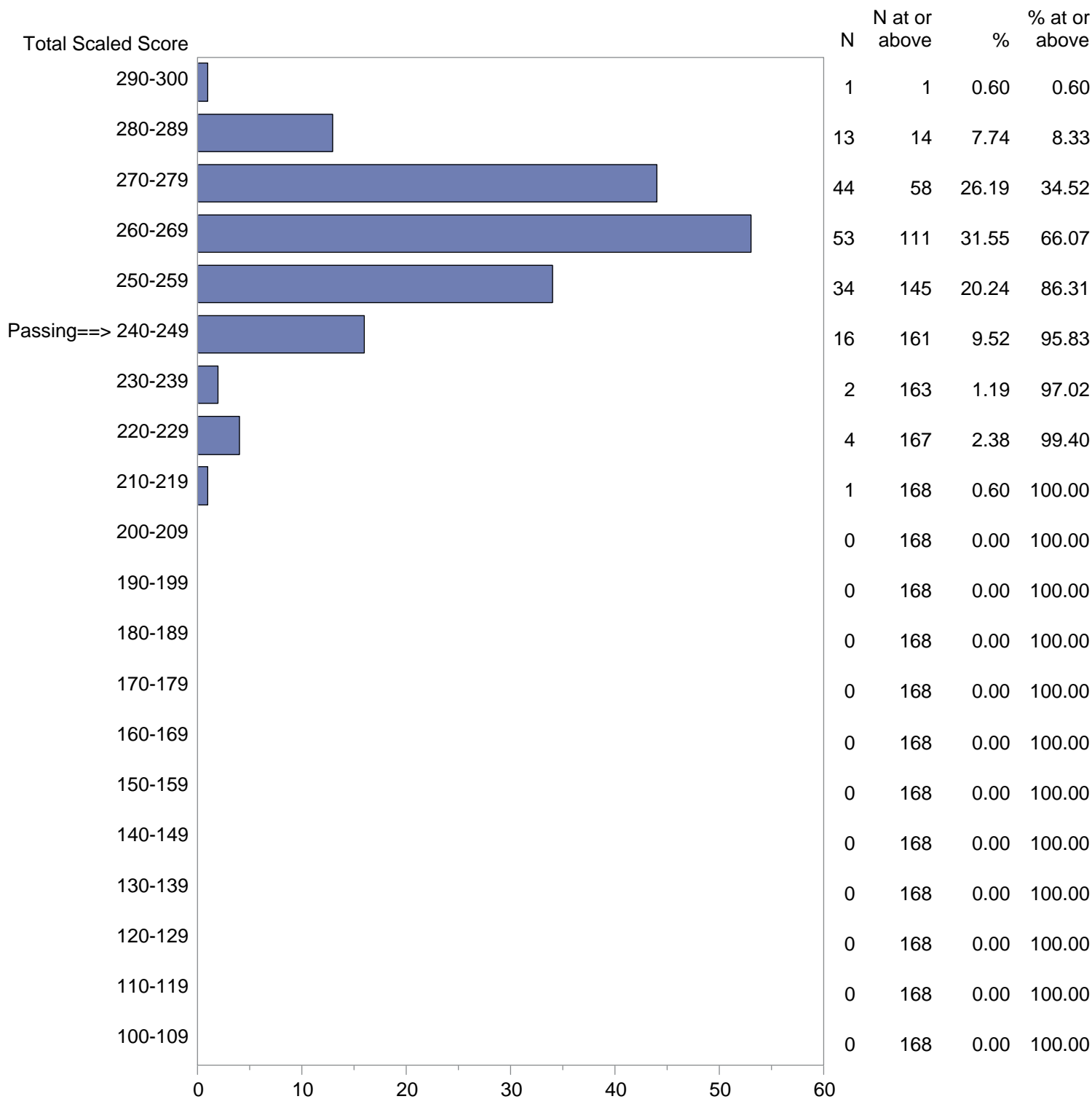
Test Field=112 Physical Education (Grades K-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2017 - August 31, 2018  
Total Scaled Score Distribution by Test Field (All Forms)

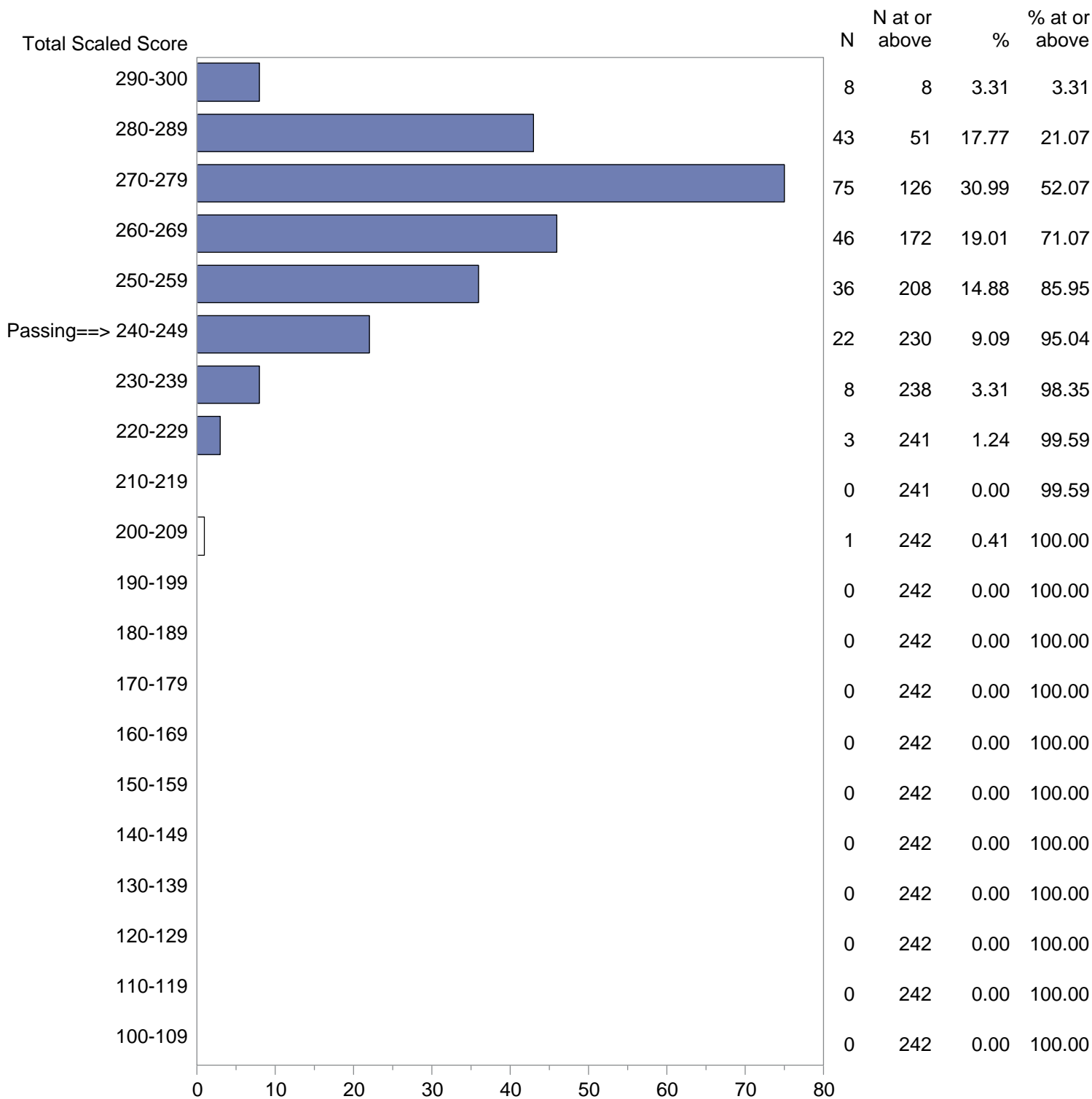
Test Field=113 Physical Education (Grades K-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

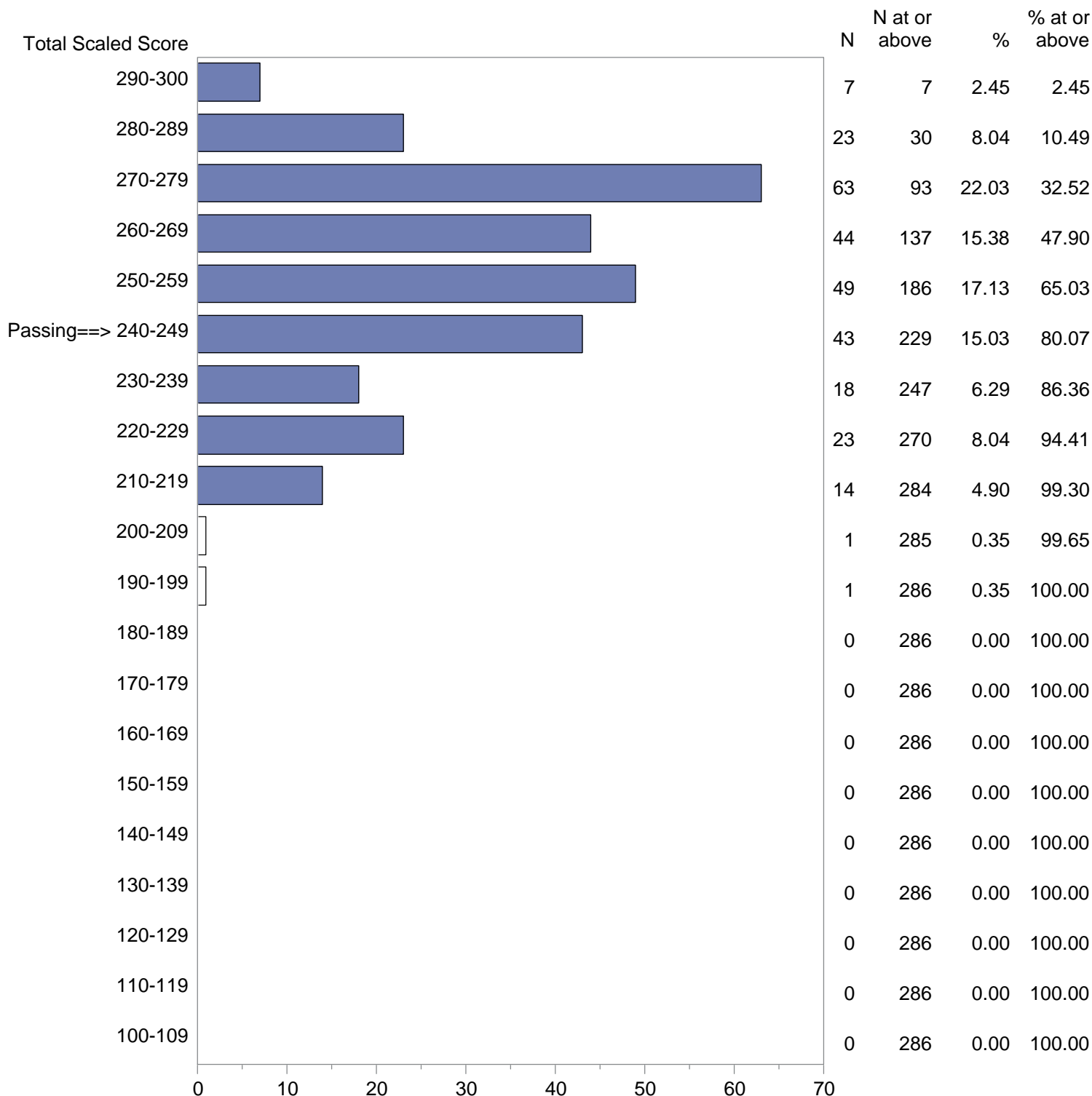
Test Field=114 English as a Second Language (Grades K-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2017 - August 31, 2018  
Total Scaled Score Distribution by Test Field (All Forms)

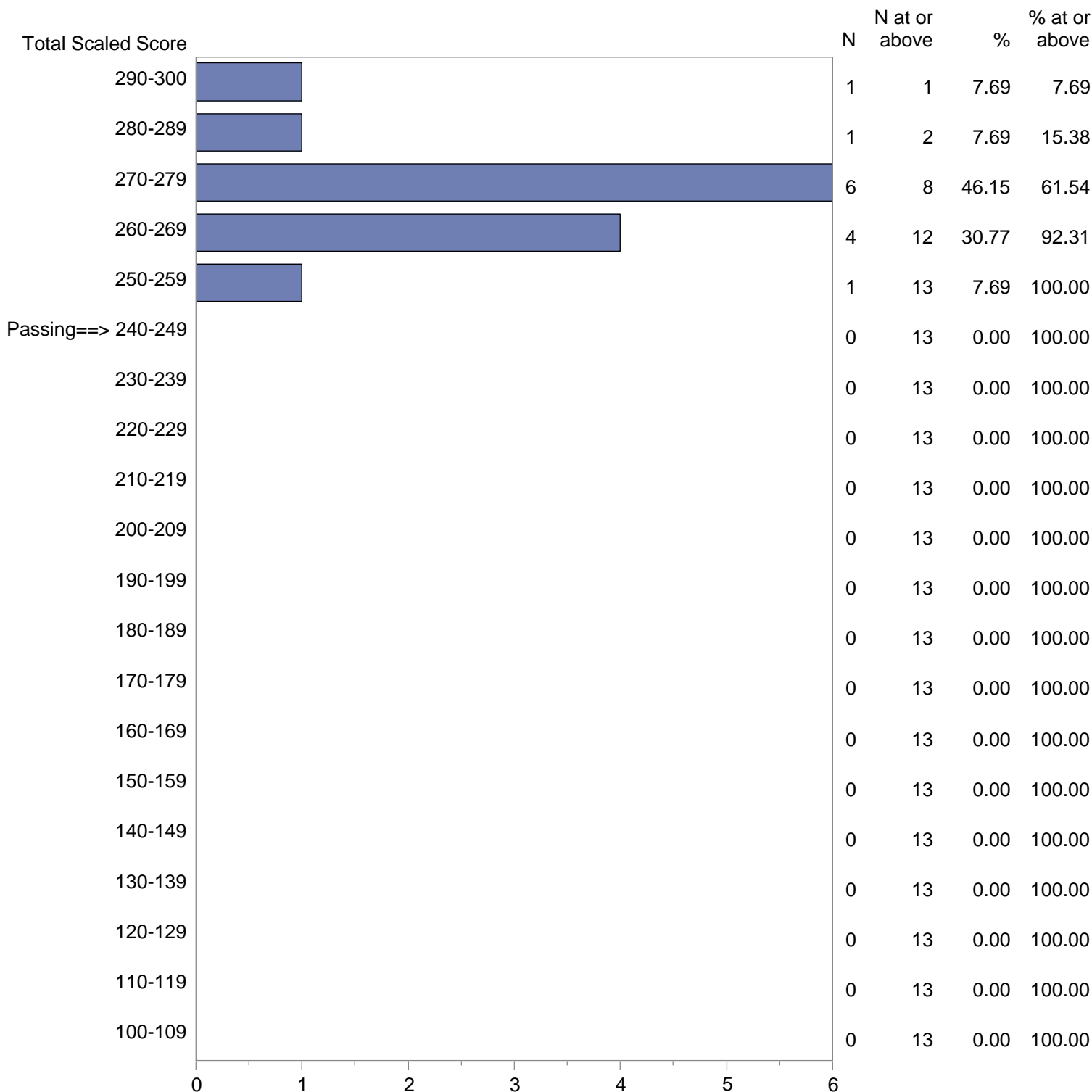
Test Field=115 English as a Second Language (Grades K-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

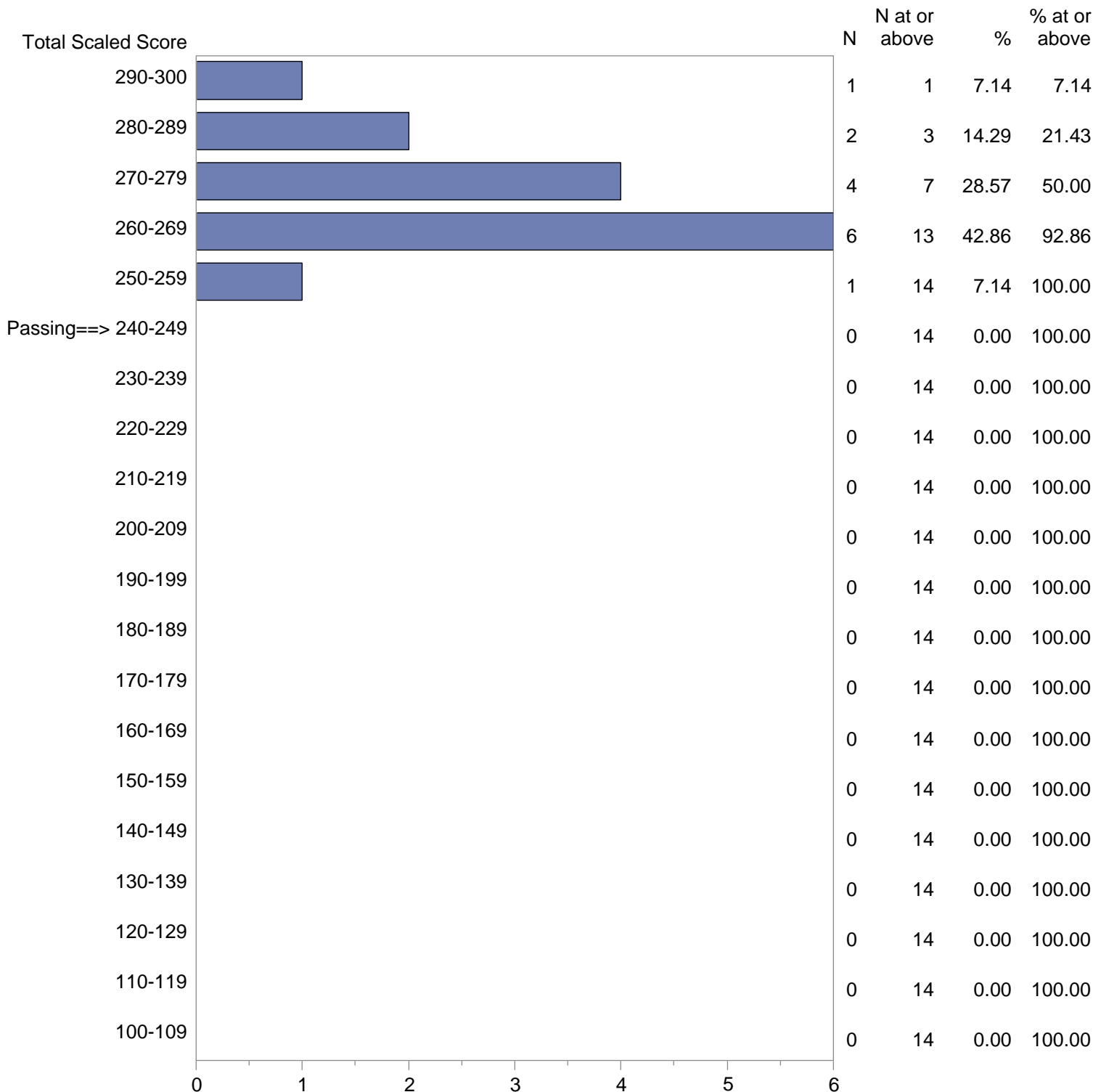
Test Field=130 Computer, Keyboarding, and Related Technology (Grades K-12) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2017 - August 31, 2018  
Total Scaled Score Distribution by Test Field (All Forms)

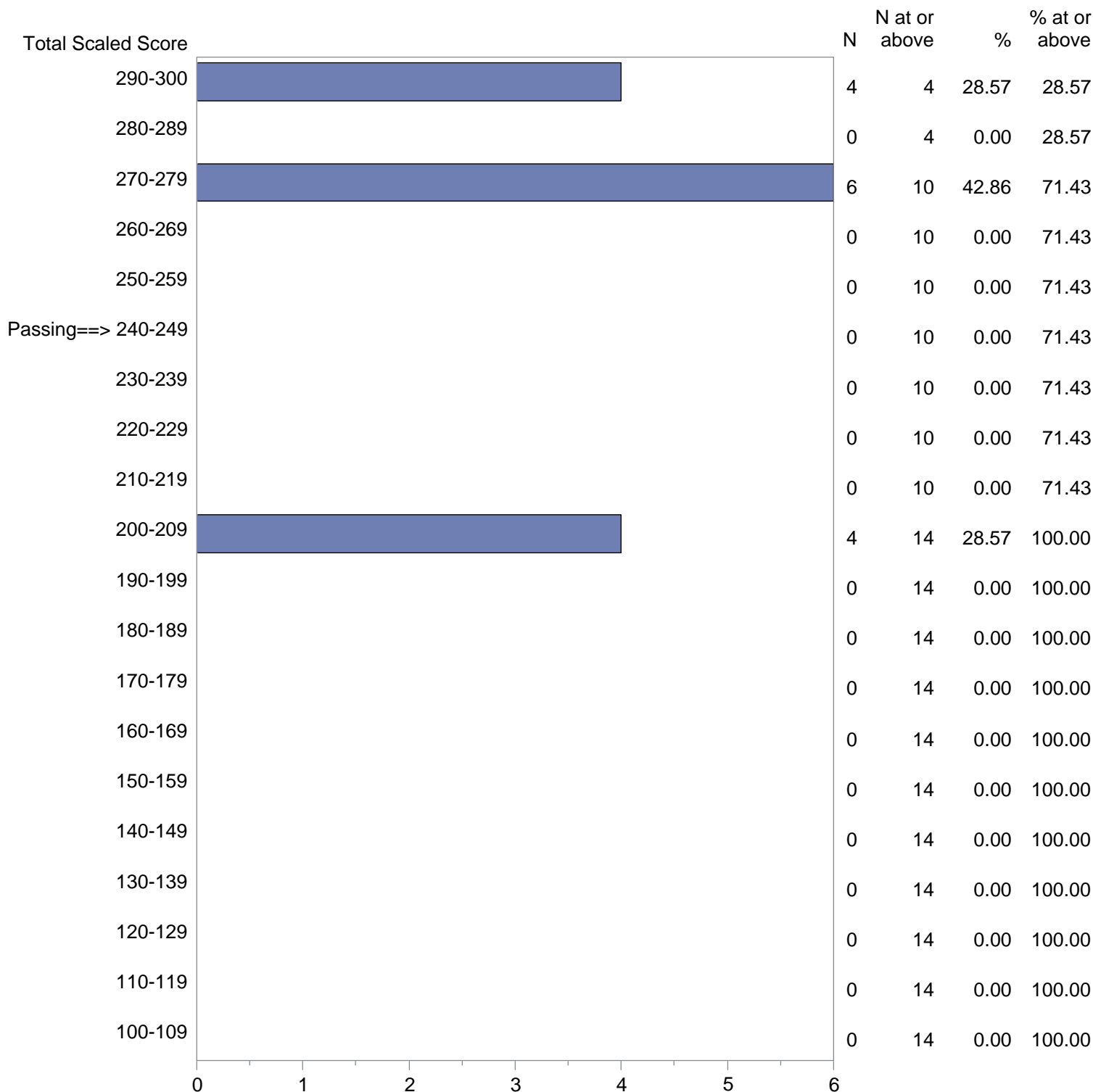
Test Field=131 Computer, Keyboarding, and Related Technology (Grades K-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2017 - August 31, 2018  
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, 2017 - August 31, 2018  
Total Scaled Score Distribution by Test Field (All Forms)

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

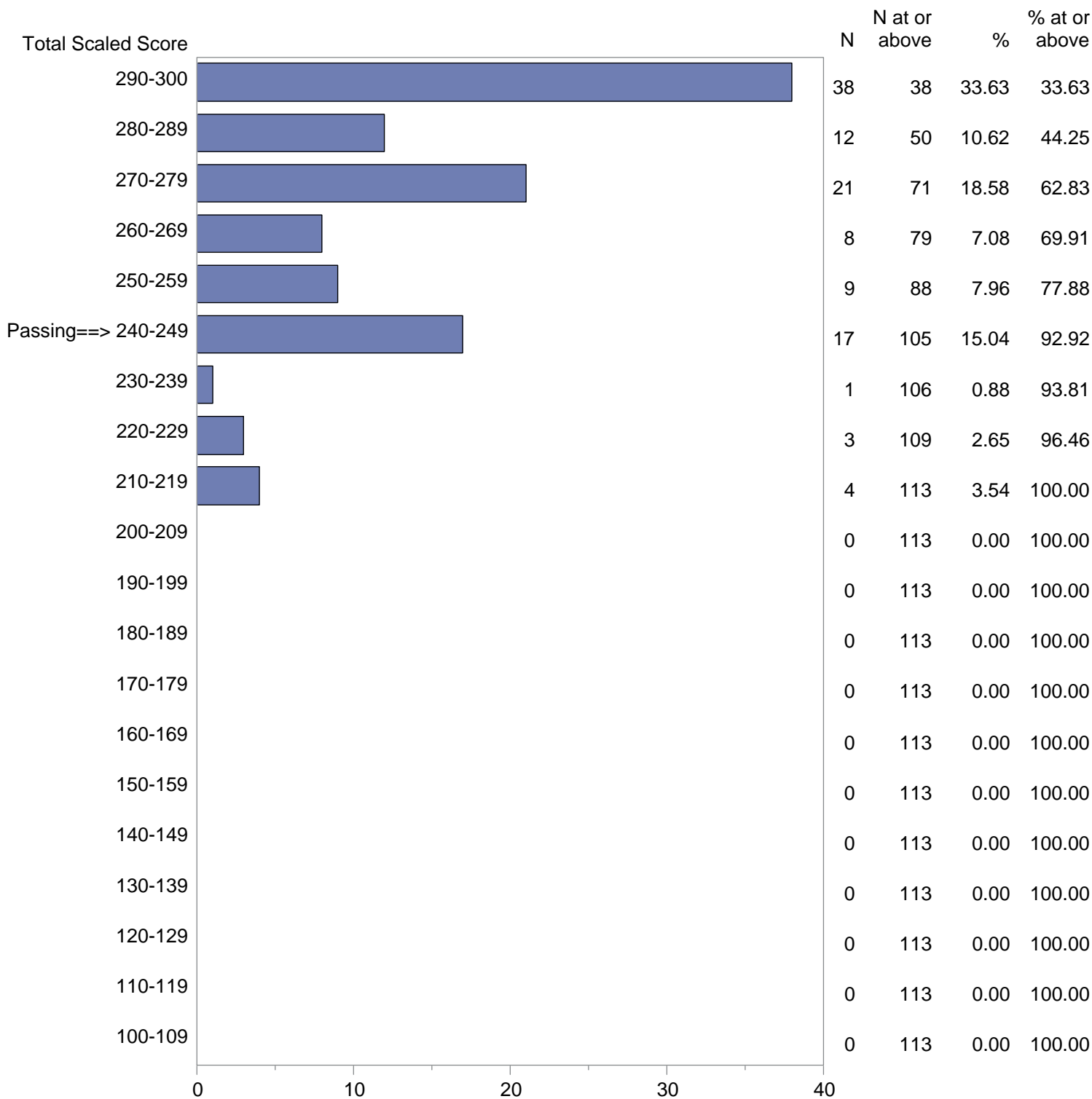
Total Scaled Score	N	N at or above	%	% at or above
290-300	7	7	5.04	5.04
280-289	13	20	9.35	14.39
270-279	18	38	12.95	27.34
260-269	20	58	14.39	41.73
250-259	18	76	12.95	54.68
Passing==> 240-249	20	96	14.39	69.06
230-239	17	113	12.23	81.29
220-229	8	121	5.76	87.05
210-219	7	128	5.04	92.09
200-209	3	131	2.16	94.24
190-199	6	137	4.32	98.56
180-189	1	138	0.72	99.28
170-179	0	138	0.00	99.28
160-169	0	138	0.00	99.28
150-159	0	138	0.00	99.28
140-149	0	138	0.00	99.28
130-139	0	138	0.00	99.28
120-129	0	138	0.00	99.28
110-119	1	139	0.72	100.00
100-109	0	139	0.00	100.00

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



Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

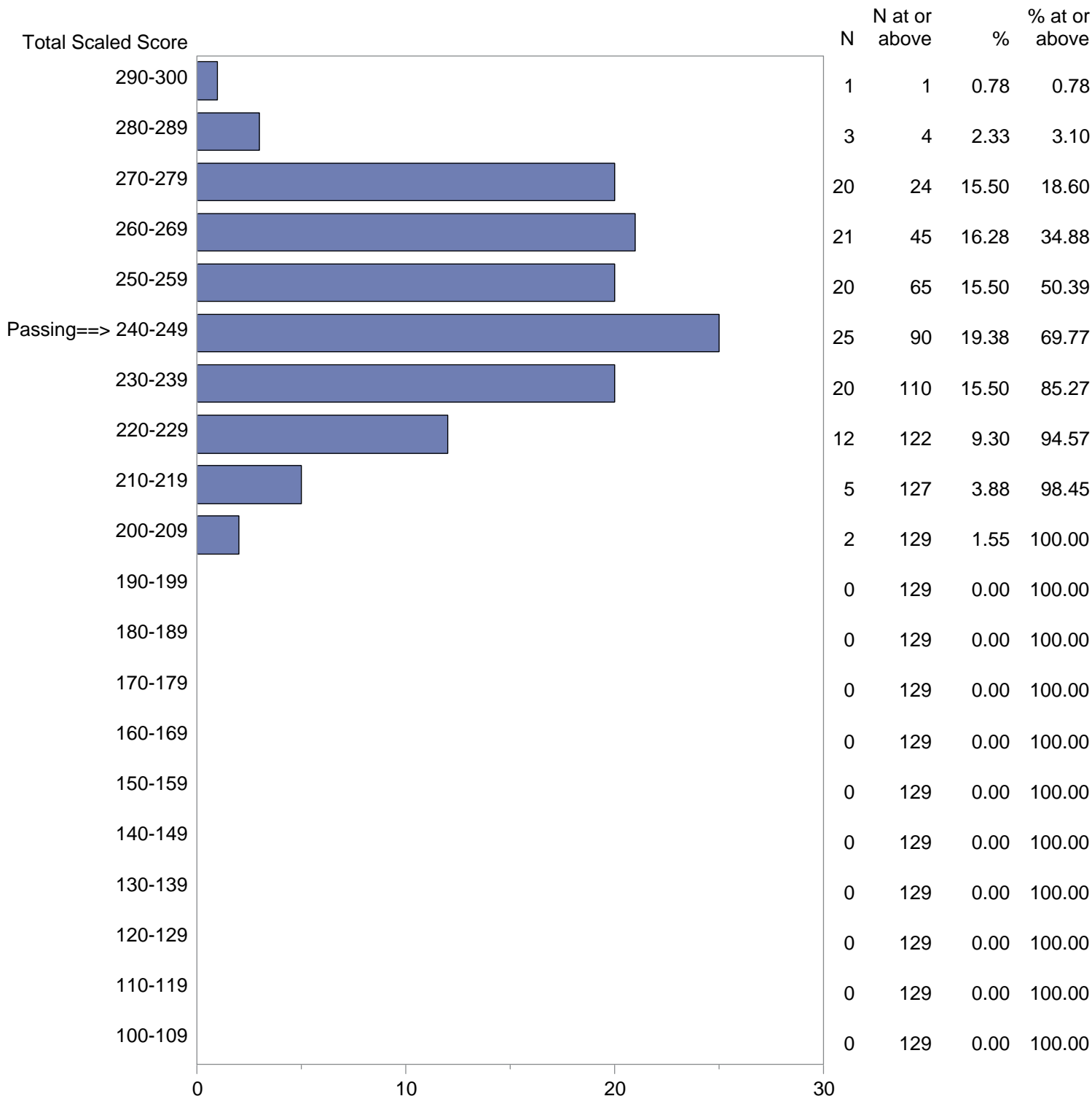
Test Field=165 World Language and Culture: Spanish (Grades K-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

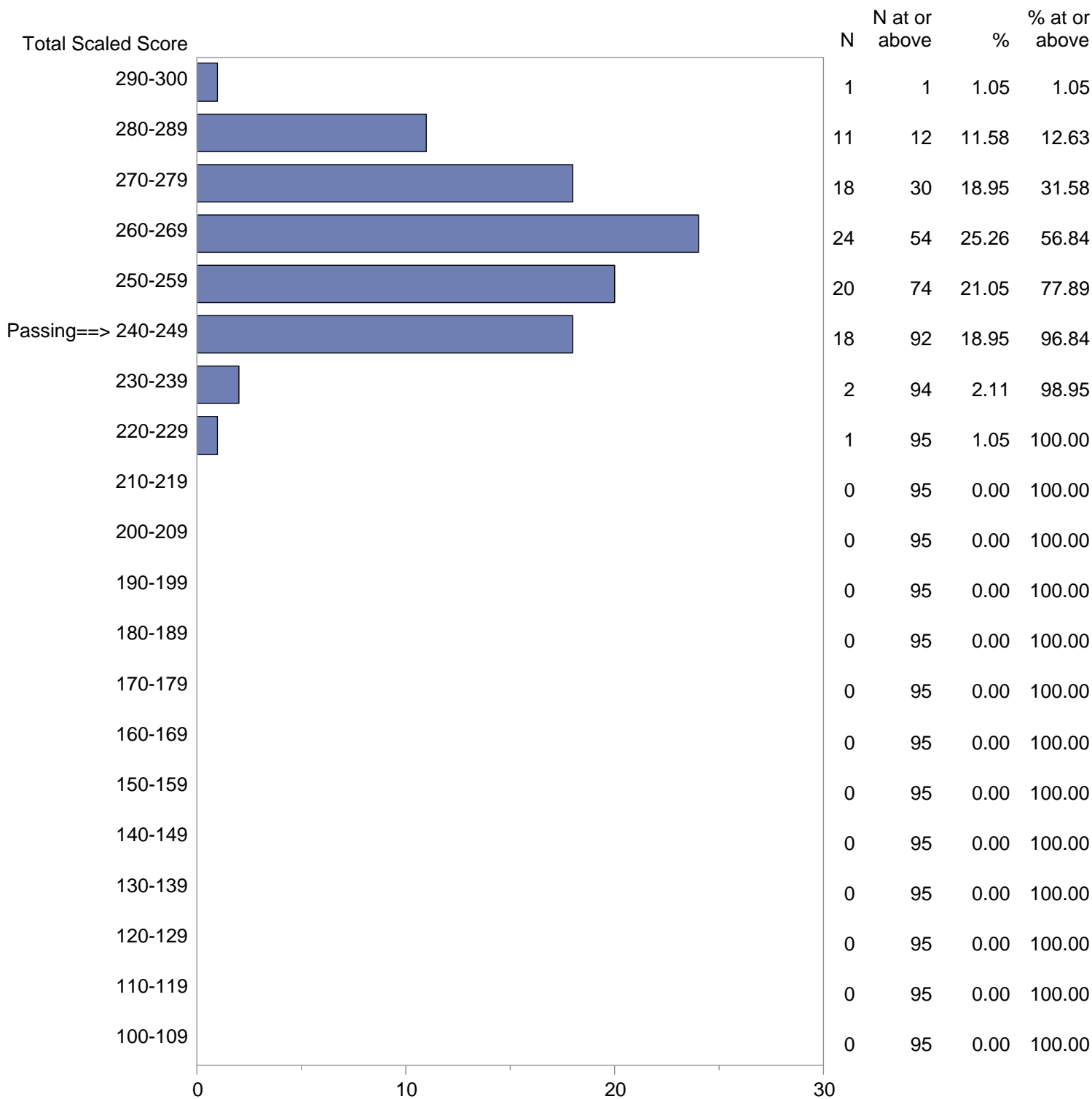
Test Field=184 Instrumental Classroom Music (Grades K-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

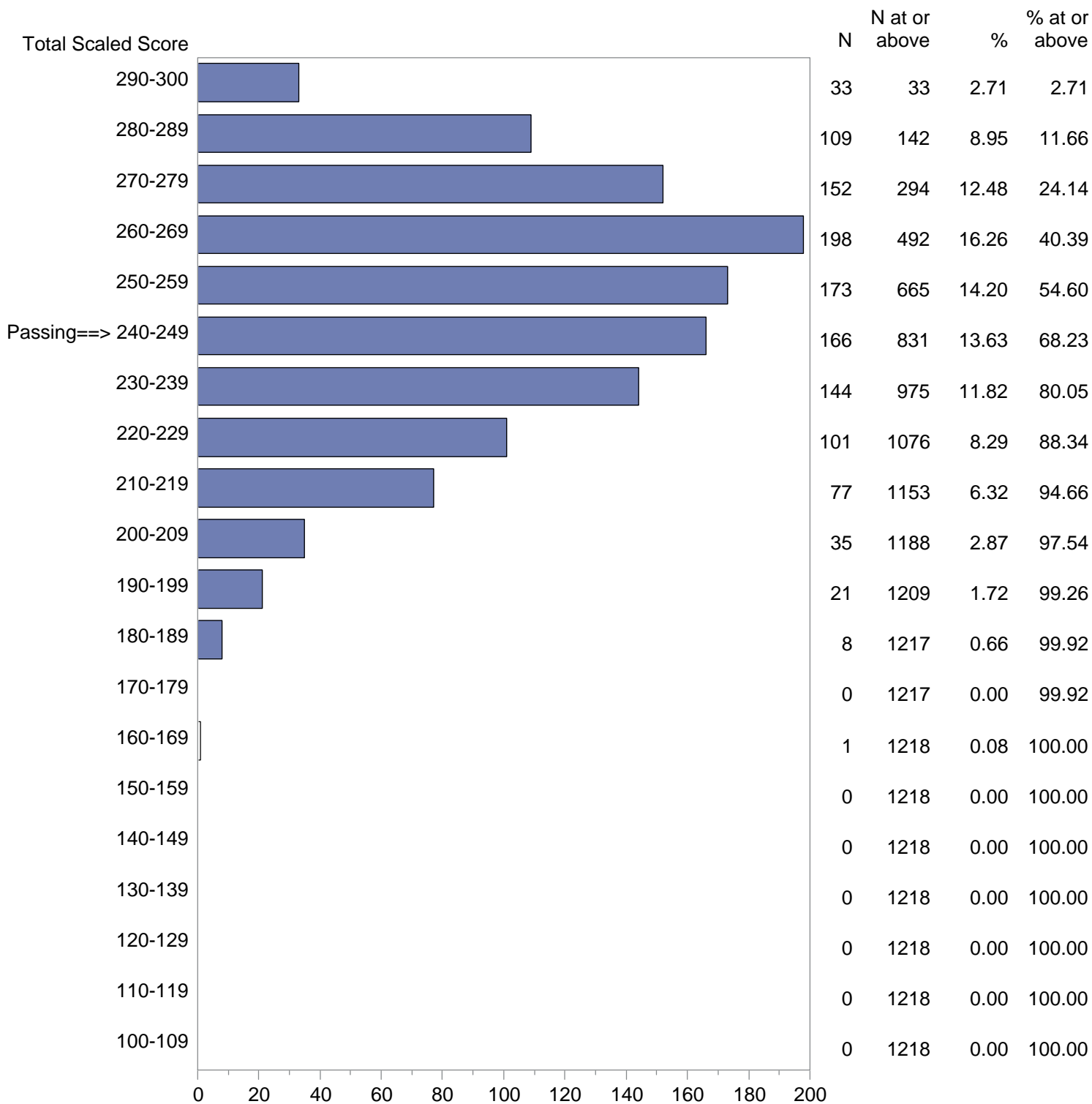
Test Field=185 Vocal Classroom Music (Grades K-12) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

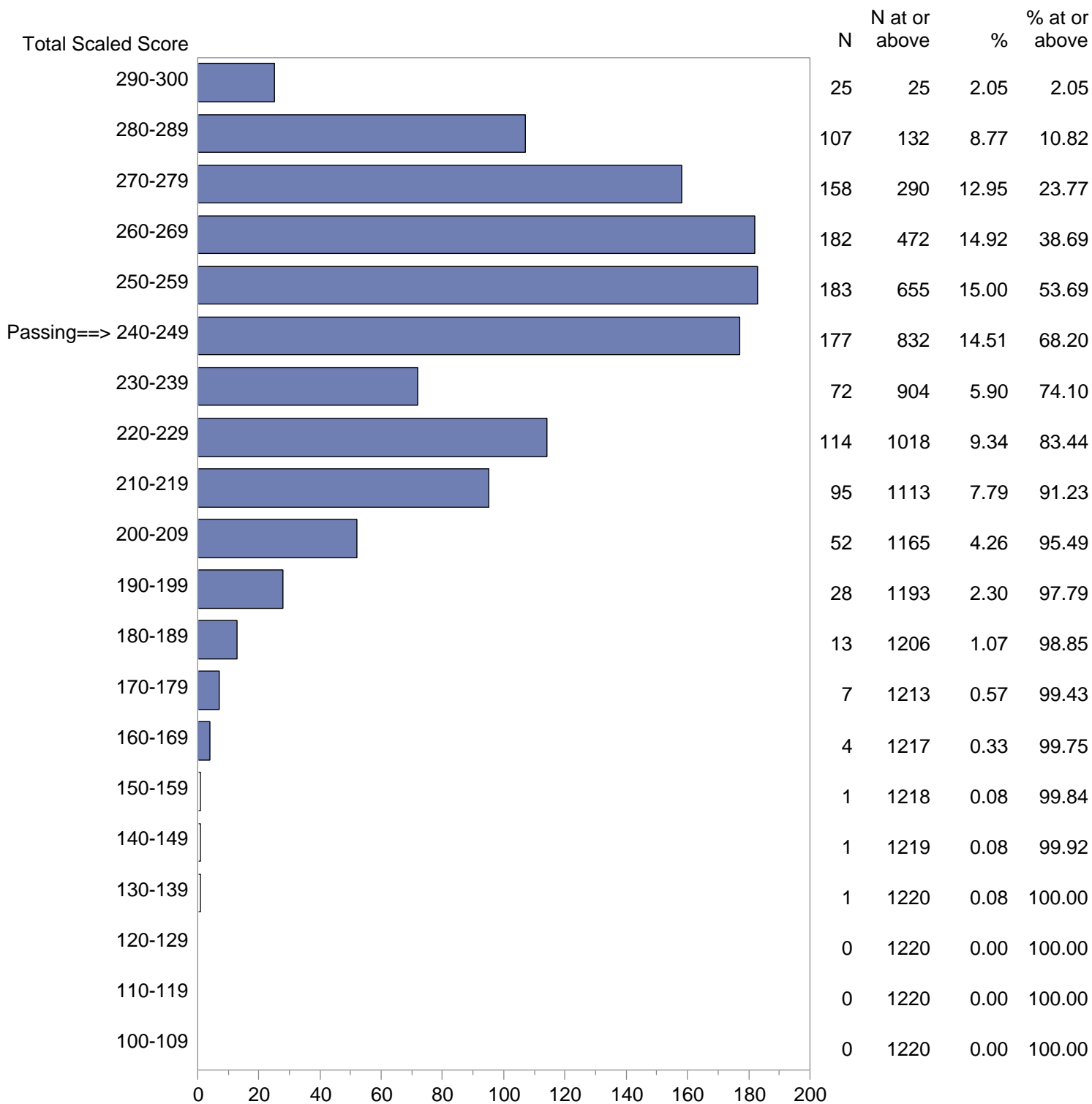
Test Field=186 Special Education Core Skills (Birth to Age 21) Subtest 1



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

Minnesota Teacher Licensure Examinations (MTLE)  
September 1, 2017 - August 31, 2018  
Total Scaled Score Distribution by Test Field (All Forms)

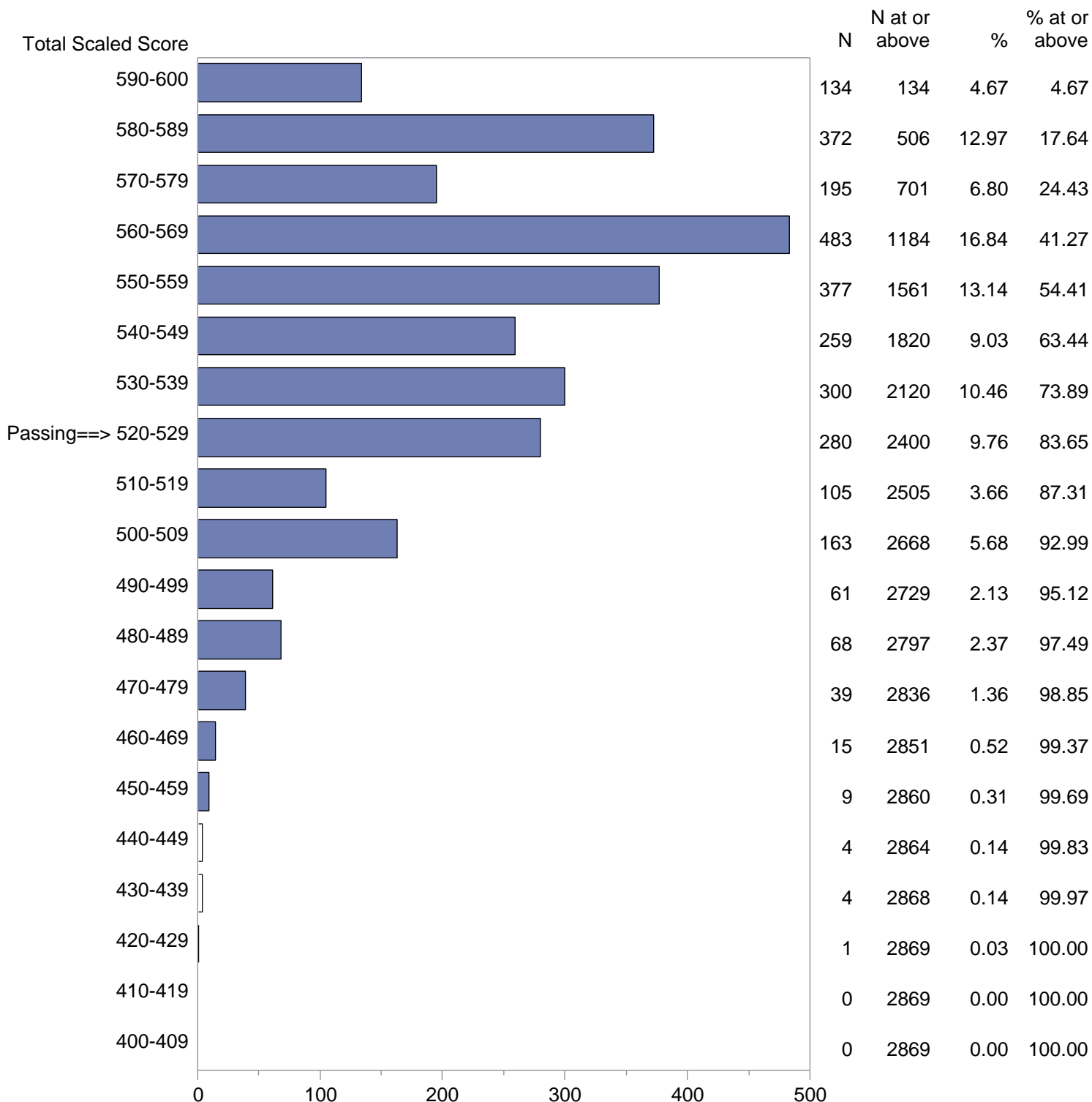
Test Field=187 Special Education Core Skills (Birth to Age 21) Subtest 2



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

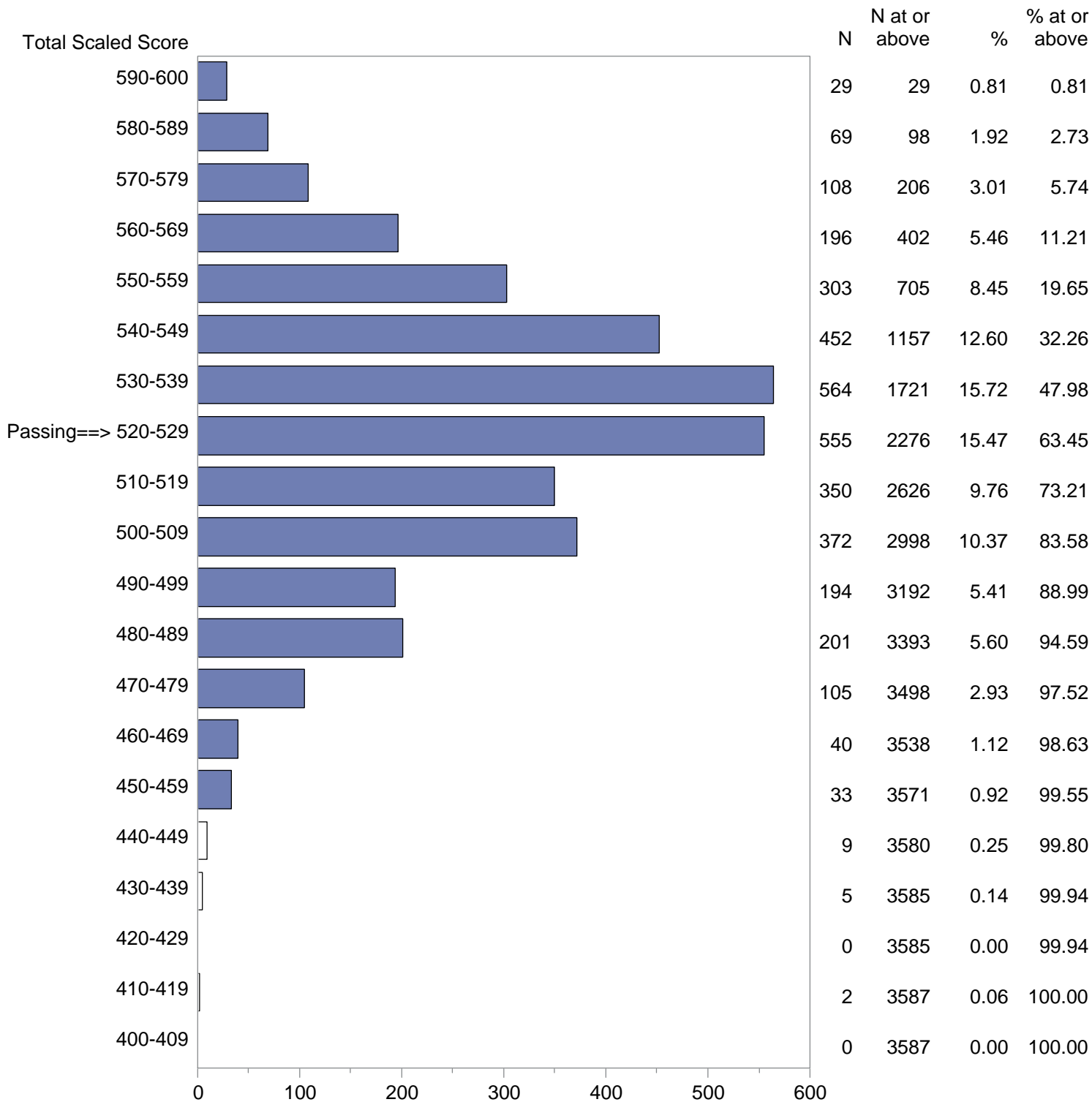
Test Field=188 MN NES Essential Academic Skills I: Reading



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 Total Scaled Score Distribution by Test Field (All Forms)

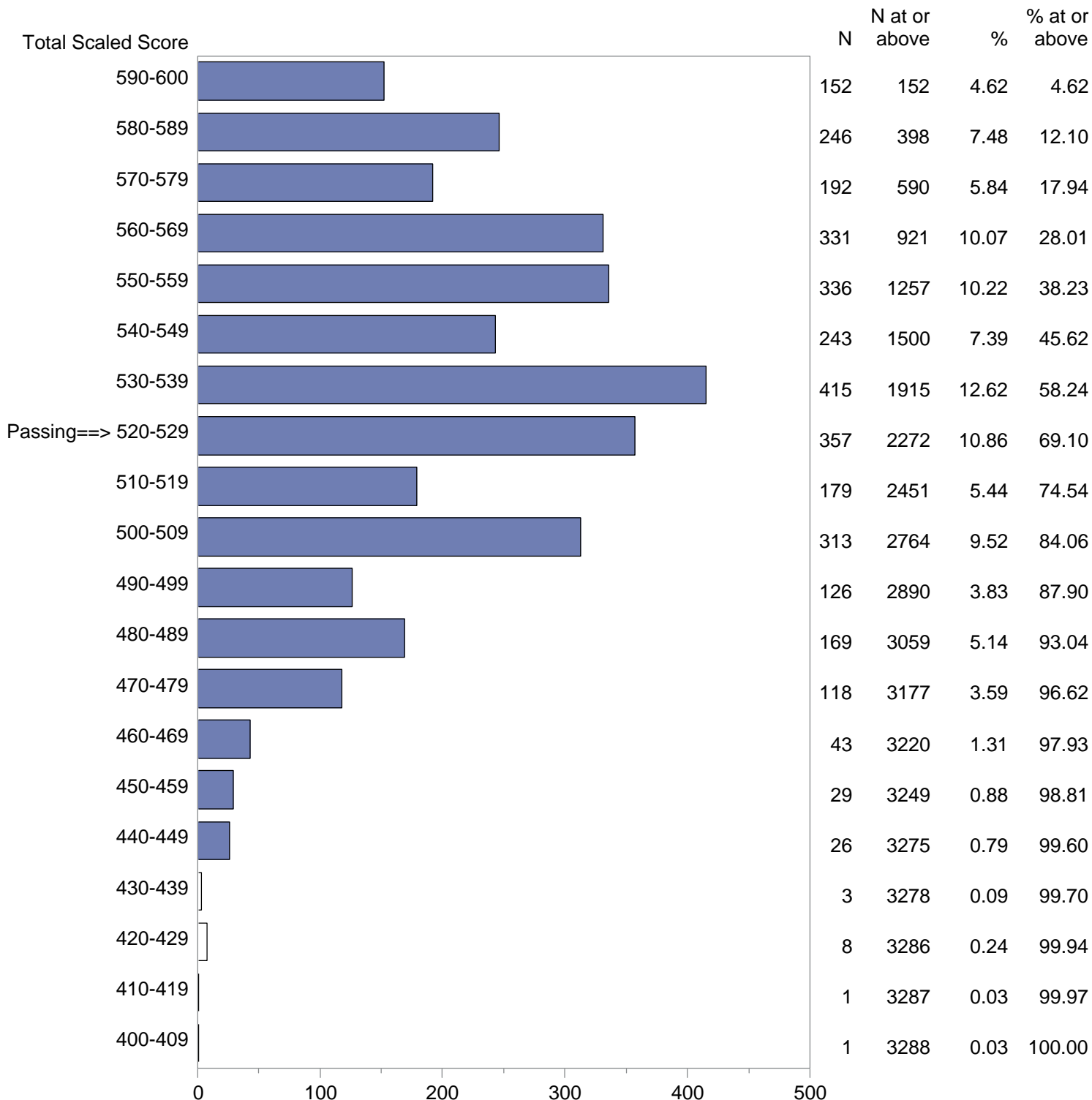
Test Field=189 MN NES Essential Academic Skills II: Writing



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

Minnesota Teacher Licensure Examinations (MTLE)  
 September 1, 2017 - August 31, 2018  
 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.



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

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*Percent Passing All MTLE Subtests by Gender and Ethnicity  
September 1, 2017 - August 31, 2018*

	<b>N</b>	<b>N Pass</b>	<b>N Fail</b>	<b>% Pass</b>
<b>All MTLE Subtests</b>	32,882	29,025	3,857	88.3%
<b>No response</b>	211	182	29	86.3%
<b>Male</b>	7,198	6,384	814	88.7%
<b>Female</b>	25,473	22,459	3,014	88.2%
<b>African American/Black (not of Hispanic origin)</b>	1,094	633	461	57.9%
<b>American Indian or Alaskan Native</b>	272	222	50	81.6%
<b>Asian or Pacific Islander</b>	1,090	843	247	77.3%
<b>Hispanic</b>	922	648	274	70.3%
<b>White (not of Hispanic origin)</b>	28,012	25,410	2,602	90.7%
<b>Multiracial</b>	570	511	59	89.6%
<b>Other</b>	297	210	87	70.7%
<b>Undeclared</b>	625	548	77	87.7%



*Confidential*

***Percent Passing All Pedagogy Subtests by Gender and Ethnicity  
September 1, 2017 - August 31, 2018***

	<b>N</b>	<b>N Pass</b>	<b>N Fail</b>	<b>% Pass</b>
<b>All Pedagogy Subtests</b>	8,767	8,488	279	96.8%
<b>No response</b>	60	58	2	96.7%
<b>Male</b>	2,014	1,940	74	96.3%
<b>Female</b>	6,693	6,490	203	97.0%
<b>African American/Black (not of Hispanic origin)</b>	248	202	46	81.5%
<b>American Indian or Alaskan Native</b>	55	50	5	90.9%
<b>Asian or Pacific Islander</b>	250	225	25	90.0%
<b>Hispanic</b>	198	162	36	81.8%
<b>White (not of Hispanic origin)</b>	7,637	7,486	151	98.0%
<b>Multiracial</b>	150	148	2	98.7%
<b>Other</b>	67	58	9	86.6%
<b>Undeclared</b>	162	157	5	96.9%

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

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*Percent Passing All Content Subtests by Gender and Ethnicity  
September 1, 2017 - August 31, 2018*

	<b>N</b>	<b>N Pass</b>	<b>N Fail</b>	<b>% Pass</b>
<b>All Content Subtests</b>	15,237	13,579	1,658	89.1%
<b>No response</b>	104	92	12	88.5%
<b>Male</b>	3,066	2,723	343	88.8%
<b>Female</b>	12,067	10,764	1,303	89.2%
<b>African American/Black (not of Hispanic origin)</b>	421	234	187	55.6%
<b>American Indian or Alaskan Native</b>	90	77	13	85.6%
<b>Asian or Pacific Islander</b>	432	345	87	79.9%
<b>Hispanic</b>	382	274	108	71.7%
<b>White (not of Hispanic origin)</b>	13,269	12,093	1,176	91.1%
<b>Multiracial</b>	260	236	24	90.8%
<b>Other</b>	112	80	32	71.4%
<b>Undeclared</b>	271	240	31	88.6%

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

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***Percent Passing All MN NES EAS Subtests by Gender and Ethnicity  
September 1, 2017 - August 31, 2018***

	<b>N</b>	<b>N Pass</b>	<b>N Fail</b>	<b>% Pass</b>
<b>All MN NES EAS Subtests</b>	8,865	6,949	1,916	78.4%
<b>No response</b>	47	32	15	68.1%
<b>Male</b>	2,117	1,721	396	81.3%
<b>Female</b>	6,701	5,196	1,505	77.5%
<b>African American/Black (not of Hispanic origin)</b>	422	195	227	46.2%
<b>American Indian or Alaskan Native</b>	127	95	32	74.8%
<b>Asian or Pacific Islander</b>	408	273	135	66.9%
<b>Hispanic</b>	342	212	130	62.0%
<b>White (not of Hispanic origin)</b>	7,099	5,825	1,274	82.1%
<b>Multiracial</b>	158	126	32	79.7%
<b>Other</b>	118	72	46	61.0%
<b>Undeclared</b>	191	151	40	79.1%

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

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*Percent Passing All NES EAS Subtests by Gender and Ethnicity  
September 1, 2017 - August 31, 2018*

	<b>N</b>	<b>N Pass</b>	<b>N Fail</b>	<b>% Pass</b>
<b>All NES EAS Subtests</b>	13	--	--	--
<b>Male</b>	1	--	--	--
<b>Female</b>	12	--	--	--
<b>African American/Black (not of Hispanic origin)</b>	3	--	--	--
<b>White (not of Hispanic origin)</b>	7	--	--	--
<b>Multiracial</b>	2	--	--	--
<b>Undeclared</b>	1	--	--	--

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