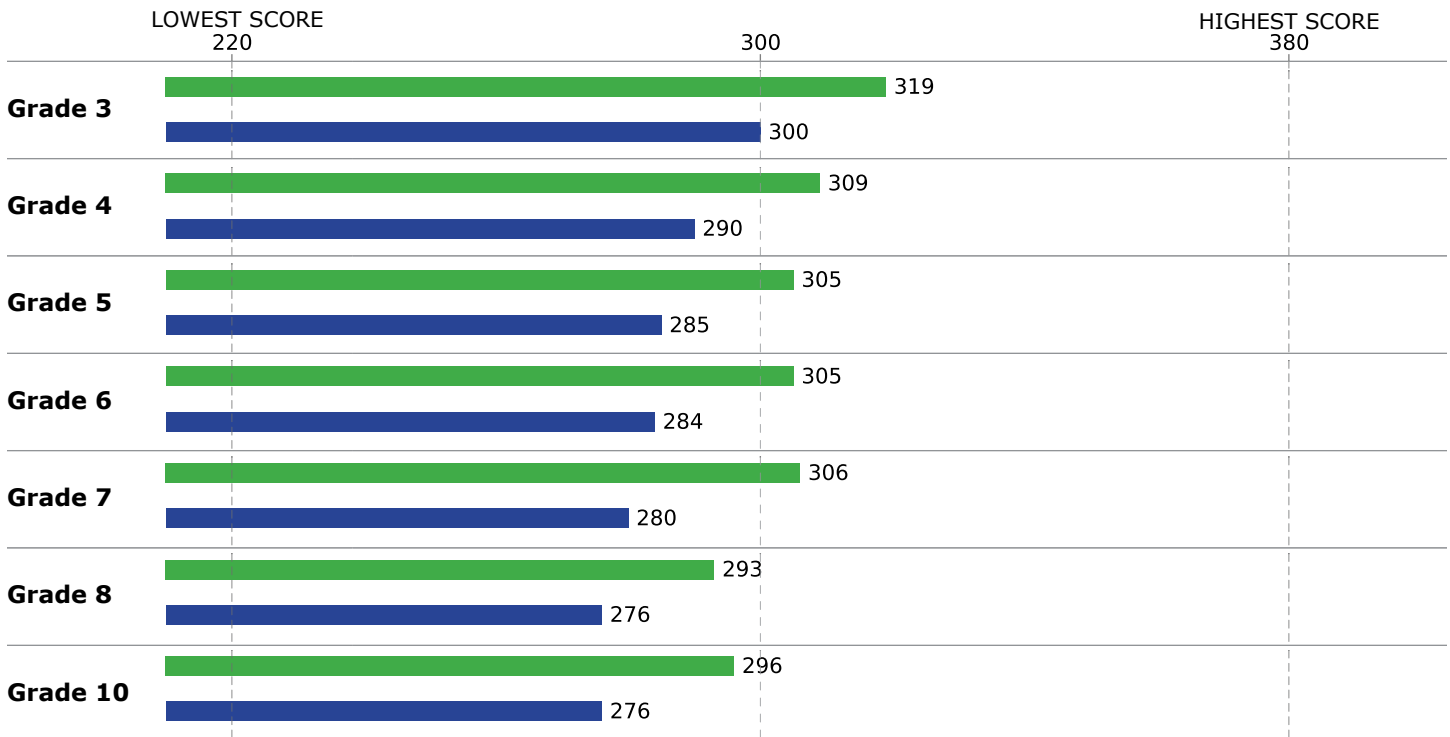




The KAP assessments measure students’ understanding of the Kansas Standards at each grade. The math assessment asks students to answer computation questions and questions about data presented in word problems, equations, graphs, tables, and diagrams. Students may show what they know about mathematics by selecting or providing the right answer, sorting or ordering items, creating graphs, and labeling pictures.

Median District and State Performance

■ DISTRICT ■ STATE



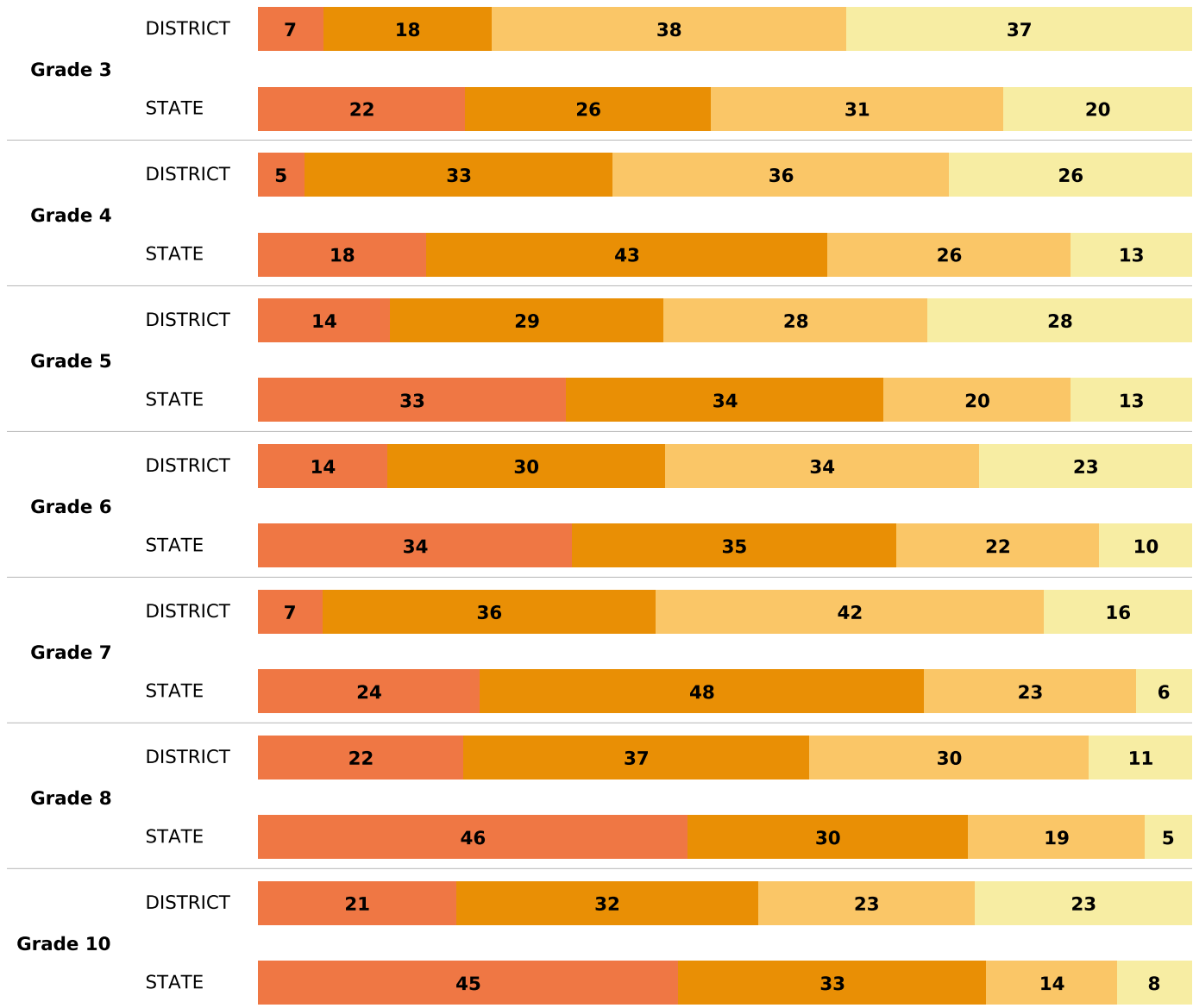
Standard error of measurement for this report:

- Grade 3: District—0.9 | State—0.2
- Grade 4: District—0.9 | State—0.2
- Grade 5: District—1.0 | State—0.2
- Grade 6: District—0.9 | State—0.2
- Grade 7: District—0.9 | State—0.2
- Grade 8: District—0.9 | State—0.2
- Grade 10: District—1.0 | State—0.2

The standard error indicates how much a student’s score might vary if the student took many equivalent versions of the test (tests with different items but covering the same knowledge and skills).

Percentage of Students in Each Performance Level, by Grade

■ Level 1
 ■ Level 2
 ■ Level 3
 ■ Level 4
Percentages may not add to 100% because of rounding.



Your District's Performance

Exceeds
 Meets
 Below
 Insufficient Data

Grade	3	4	5	6	7	8	10
SKILLS AND CONCEPTS							
Operations and Algebraic Thinking							
Number and Operations in Base Ten							
Number and Operations with Fractions							
Measurement and Data							
Ratios and Proportional Relationships							
The Number System							
Expressions and Equations							
Algebra							
Functions							
Geometry							
Statistics and Probability							
STRATEGIC THINKING AND REASONING							

SKILLS AND CONCEPTS

These questions require students to apply mathematical skills and concepts and interpret and carry out mathematical procedures with precision and fluency.

Operations and Algebraic Thinking

These questions require students to represent and solve problems with addition, subtraction, multiplication, and division; perform these operations with multidigit numbers; and explain patterns.

Number and Operations in Base Ten

These questions require students to demonstrate their understanding of place value by solving problems with multidigit numbers and decimals.

Number and Operations with Fractions

These questions require students to demonstrate their understanding that fractions represent parts of a whole, recognize that fractions can be written as decimals, and solve problems with fractions by applying their knowledge about working with whole numbers and decimals.

Measurement and Data

These questions require students to calculate time, volume, perimeter, area, and mass; measure angle size; convert measurements within a measurement system; represent and interpret measurement data; and use measurement skills to solve real-world problems.

Ratios and Proportional Relationships

These questions require students to use ratio reasoning and analyze proportional relationships to solve real-world and mathematical problems.

The Number System

These questions require students to divide fractions, find common factors and multiples, and perform operations with rational numbers.

Expressions and Equations

These questions require students to solve equations that have variables and exponents, analyze relationships between dependent and independent variables and between proportional relationships, and use equations to model relationships and solve real-world problems.

Algebra

These questions require students to solve complex equations, construct and interpret expressions and equations, graph equations that model data and represent relationships, and use equations to solve real-world problems.

Functions

These questions require students to interpret, compare, and build functions to model real-world relationships.

Geometry

These questions require students to describe the features of geometric figures, compare figures, apply geometric theorems, and solve real-world problems by applying formulas to figures.

Statistics and Probability

These questions require students to compare and draw inferences from data sets and to calculate probability of simple and compound events.

STRATEGIC THINKING AND REASONING

These questions require students to solve complex problems using problem-solving strategies and mathematical tools; explain their reasoning, defend their answers, and critique the reasoning of others; and analyze complex, real-world situations to construct and use mathematical models to solve problems, and to interpret results in the context of a situation.

Your District's Performance**+ Exceeds**

In this area, your students typically performed better than students who received the minimum Level 3 score.

- Below

In this area, your students typically performed below students who received the minimum Level 3 score.

= Meets

In this area, your students typically performed as well as students who received the minimum Level 3 score.

✘ Insufficient Data

In this area, your students did not answer enough questions for accurate reporting.

Additional Resources

Prediction on ACT scores is not available for mathematics grade 10 in 2023.

For information about the Kansas Standards, visit ksde.org.

To learn about the Kansas Assessment Program, visit ksassessments.org.

