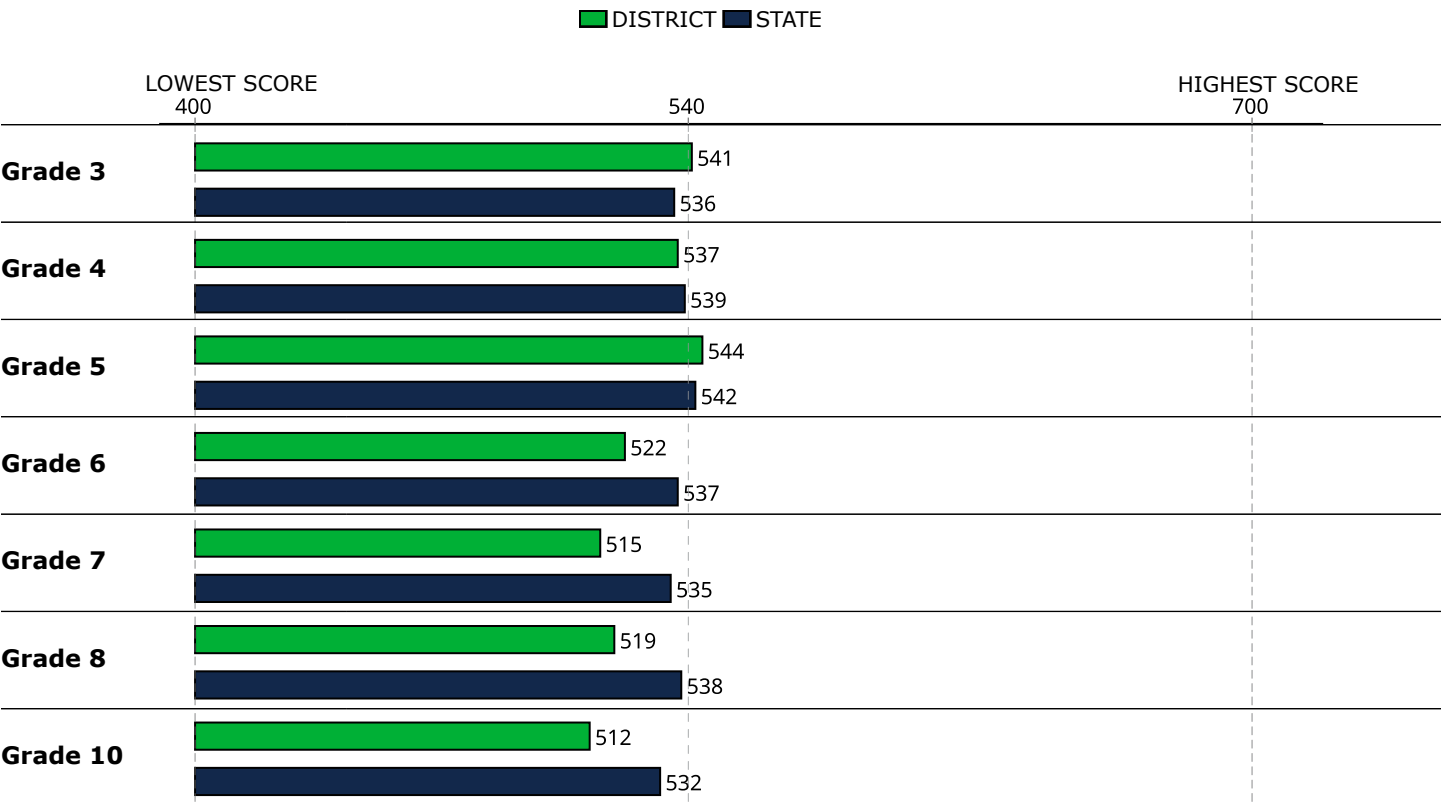


The KAP assessments measure students’ understanding of the Kansas Standards at each grade. The Mathematics assessment asks students to answer computation questions and questions about data presented in word problems, equations, graphs, tables, and diagrams. Students may show what they know about Mathematics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

Average District and State Performance



Standard error of the mean for each grade in this report:

- Grade 3: District—9.1 | State—0.2
- Grade 4: District—5.5 | State—0.2
- Grade 5: District—9.7 | State—0.2
- Grade 6: District—5.4 | State—0.2
- Grade 7: District—6.5 | State—0.3
- Grade 8: District—8.1 | State—0.3
- Grade 10: District—5.6 | State—0.2

The standard error of the mean identifies how much sample means are expected to vary if multiple samples are taken from the same population.

Percentage of Students in Each Performance Level, by Grade

Level 1Level 2Level 3Level 4

Percentages may not add to 100% because of rounding.

Grade 3	DISTRICT	16	47	16	21
	STATE	27	29	24	20
Grade 4	DISTRICT	23	20	53	3
	STATE	25	30	29	17
Grade 5	DISTRICT	6	47	29	18
	STATE	24	30	35	11
Grade 6	DISTRICT	23	42	35	
	STATE	24	33	32	10
Grade 7	DISTRICT	31	50	19	
	STATE	25	36	30	10
Grade 8	DISTRICT	42	37	11	11
	STATE	25	34	28	13
Grade 10	DISTRICT	48	36	16	
	STATE	30	33	31	7

Your District's Mathematics Performance by Category

The table below shows the total percentage of students in your district who performed in the At and Above levels for each category. Remaining students performed in the Below level. These three levels compare your students' performance to that of a statewide student group performing near the proficiency standard. These levels have no direct correspondence to overall performance or overall proficiency.

This information should help schools continue to evaluate their curriculum, materials, and instructional practice. As always, additional measures of student learning should also be considered.

Grade	3	4	5	6	7	8	10
Operations & Algebraic Thinking							
Multiplication & Division	68%						
Operations with Whole Numbers		50%					
Number & Operations in Base 10							
Overall	63%						
Using Place Values in Arithmetic		53%					
Multi-digit Numbers & Decimals			71%				
Number & Operations - Fractions							
Overall	74%						
Building & Operating on Fractions		67%					
Fractions: Decimal Notation		90%					
Adding & Subtracting Fractions			71%				
Multiplying & Dividing Fractions			71%				
Measurement & Data							
Area	68%						
Volume			59%				
Ratios & Proportional Relationships							
Overall				62%	69%		
The Number System							

Grade	3	4	5	6	7	8	10
Overall					56%		
Common Factors & Multiples				46%			
Rational Numbers				35%			
Geometry							
Overall					81%		24%
Understanding Angles & Angle Measurements						26%	
Expressions & Equations							
Overall					56%		
Equations & Inequalities				58%			
Proportions & Linear Equations						42%	
Functions							
Overall						79%	
Interpreting Functions							56%
Statistics & Probability							
Overall				77%			40%
Probability Models					81%		
Bivariate Data						37%	
Algebra							
Reasoning with Equations & Inequalities							68%

NOTE: Blank cells within the table represent areas not reported at that grade level.

Where Do We Go Next?

These data help districts examine student performance in these areas of Mathematics. As part of the KAP Balanced Assessment System, Instructional Mini Tests offer opportunities for educators to reinforce Kansas learning standards with students and build experience with the kind of questions and item types they will encounter on the KAP Interim and Summative Assessments.

The flexible nature of Instructional Mini Tests allows educators to not only receive data on student performance on current grade-level standards, but also on previous and future grade-level standards as appropriate. We strongly encourage all schools to make use of these resources in the classroom.

Additional Resources

To learn more about the Kansas Assessment Program and these score reports, visit the “For Families” page on **ksassessments.org**.

For information on the Kansas Standards, visit **ksde.gov**.