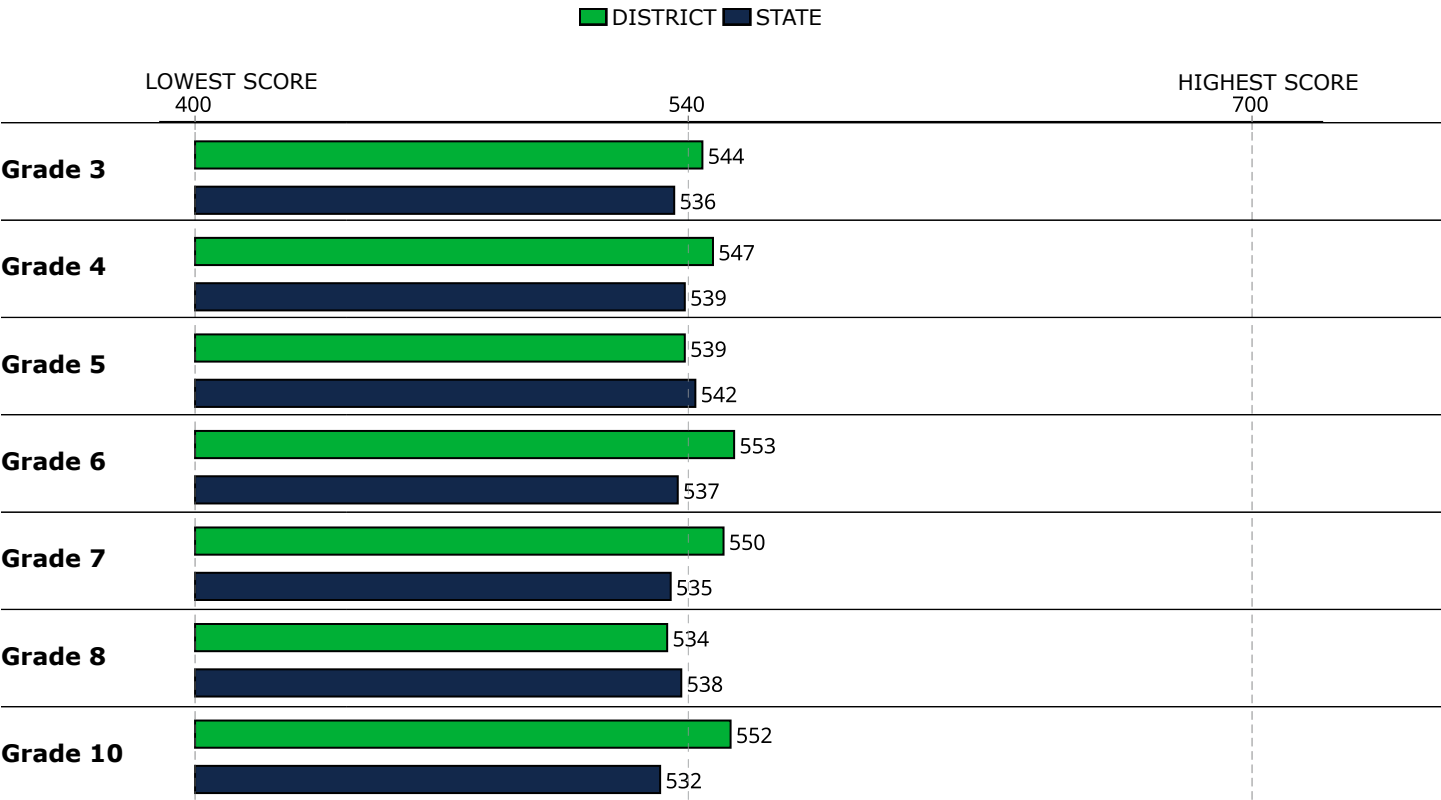


The KAP assessments measure students’ understanding of the Kansas Standards at each grade. The Mathematics assessment asks students to answer computation questions and questions about data presented in word problems, equations, graphs, tables, and diagrams. Students may show what they know about Mathematics 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—5.6 | State—0.2
Grade 4: District—8.0 | State—0.2
Grade 5: District—6.2 | State—0.2
Grade 6: District—11.1 | State—0.2
Grade 7: District—11.4 | State—0.3
Grade 8: District—8.1 | State—0.3
Grade 10: District—8.0 | 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	10	15	65	10
	STATE	27	29	24	20
Grade 4	DISTRICT	22	17	39	22
	STATE	25	30	29	17
Grade 5	DISTRICT	20	32	48	
	STATE	24	30	35	11
Grade 6	DISTRICT	10	20	60	10
	STATE	24	33	32	10
Grade 7	DISTRICT	11	39	33	17
	STATE	25	36	30	10
Grade 8	DISTRICT	24	35	41	
	STATE	25	34	28	13
Grade 10	DISTRICT	16	16	58	11
	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	65%						
Operations with Whole Numbers		61%					
Number & Operations in Base 10							
Overall	85%						
Using Place Values in Arithmetic		72%					
Multi-digit Numbers & Decimals			60%				
Number & Operations - Fractions							
Overall	95%						
Building & Operating on Fractions		67%					
Fractions: Decimal Notation		78%					
Adding & Subtracting Fractions			64%				
Multiplying & Dividing Fractions			72%				
Measurement & Data							
Area	85%						
Volume			76%				
Ratios & Proportional Relationships							
Overall				80%	78%		
The Number System							

Grade	3	4	5	6	7	8	10
Overall					78%		
Common Factors & Multiples				75%			
Rational Numbers				75%			
Geometry							
Overall					89%		68%
Understanding Angles & Angle Measurements						71%	
Expressions & Equations							
Overall					83%		
Equations & Inequalities				65%			
Proportions & Linear Equations						71%	
Functions							
Overall						65%	
Interpreting Functions							89%
Statistics & Probability							
Overall				70%			100%
Probability Models					78%		
Bivariate Data						47%	
Algebra							
Reasoning with Equations & Inequalities							95%

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**.