

SCHOOL REPORT: Manhattan Catholic Schools / #5152

SUBJECT: Mathematics

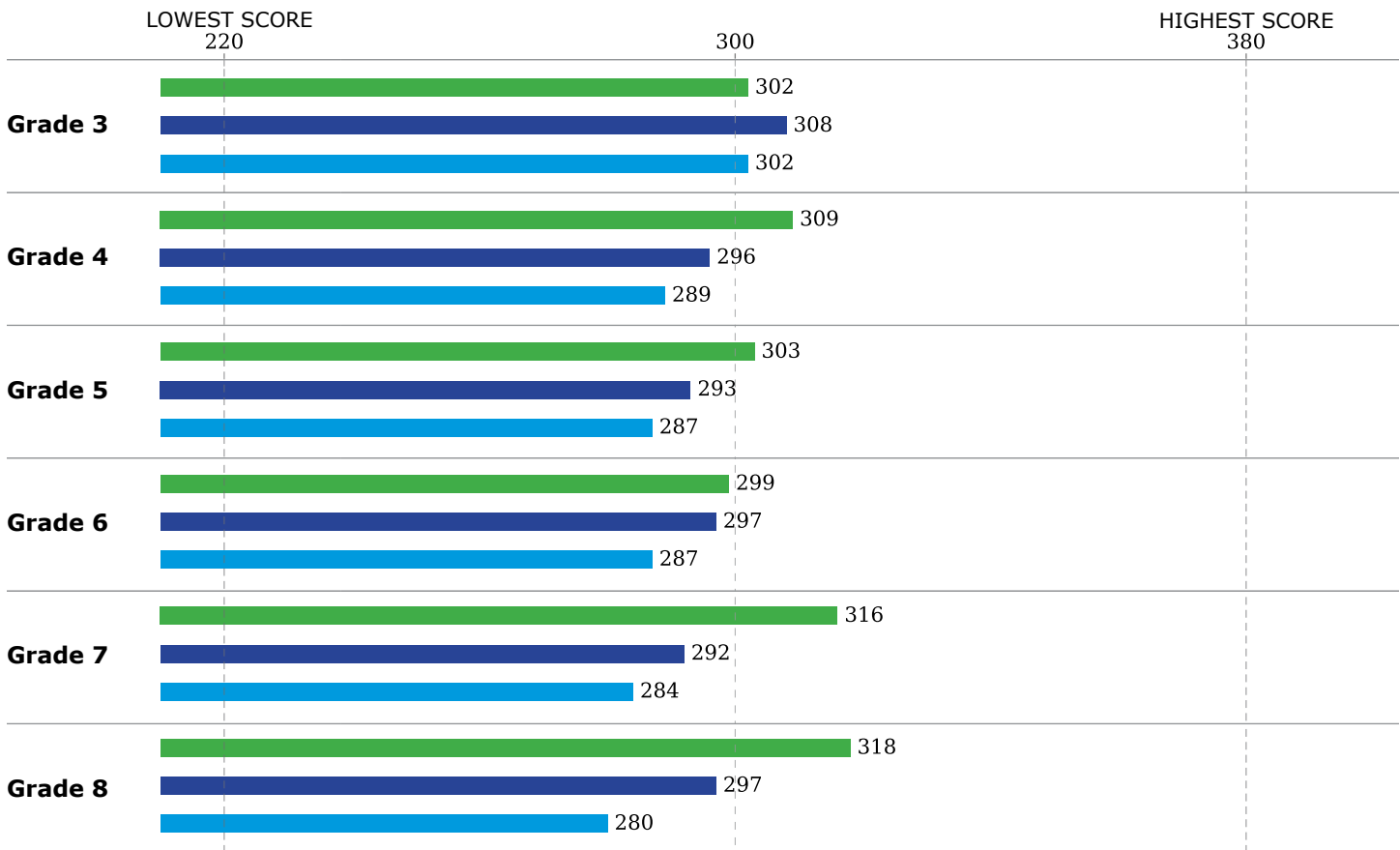
DISTRICT: Salina Catholic Diocese / #Z0030



The KAP assessments measure students' understanding of the Kansas College and Career Ready 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 School, District, and State Performance

SCHOOL DISTRICT STATE



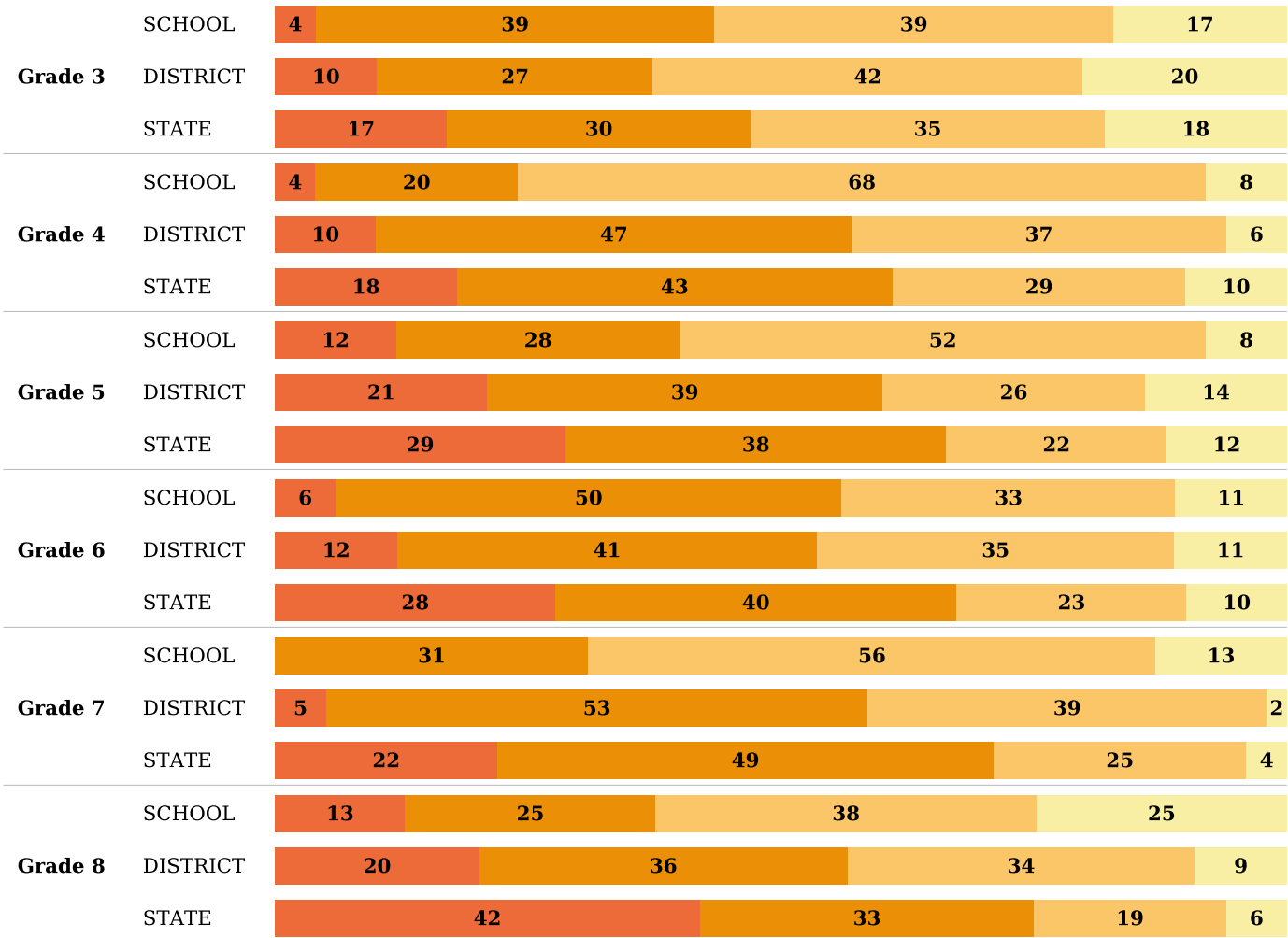
Standard error of measurement for this report:

Grade 3: School—5.2 | District—2.2 | State—0.2
Grade 4: School—4.4 | District—2.1 | State—0.2
Grade 5: School—6.5 | District—2.5 | State—0.2
Grade 6: School—6.9 | District—2.5 | State—0.2
Grade 7: School—9.2 | District—2.8 | State—0.2
Grade 8: School—10.7 | District—3.3 | State—0.2

The standard error indicates how much students' scores might vary if the students 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 School's Performance

+ Exceeds
 = Meets
 - Below
 ✖ Insufficient Data

Grade	3	4	5	6	7	8
OVERALL CONCEPTS AND PROCEDURES	=	=	=	=	=	=
Operations and Algebraic Thinking	-	+				
Number and Operations in Base Ten		=	-			
Number and Operations with Fractions		-	=			
Measurement and Data	=	=	=			
Geometry					=	=
The Number System				=		
Expressions and Equations				-	=	+
Statistics and Probability					=	
PROBLEM SOLVING	=	-	-	=	=	=
MODELING AND DATA ANALYSIS	-	=	-	=	=	+
COMMUNICATING REASONING	=	=	-	=	=	+

OVERALL CONCEPTS AND PROCEDURES

These questions require students to explain and apply mathematical 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, to recognize that fractions can be written as decimals, and to 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.

Geometry

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

The Number System

These questions require students to use ratios, divide fractions, find common factors and multiples, and compute with multidigit 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 equations or graphs, and use equations to model relationships and to solve real-world problems.

Statistics and Probability

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

PROBLEM SOLVING

These questions require students to solve a range of complex problems using knowledge, problem-solving strategies, and mathematical tools.

MODELING AND DATA ANALYSIS

These questions require students to analyze complex, real-world situations, to construct and use mathematical models to solve problems, and to interpret results in the context of a situation.

COMMUNICATING REASONING

These questions require students to explain their reasoning, defend their answers, critique the reasoning of others, and ask clarifying questions.

Your School'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

For sample test questions, go to ksassessments.org/interactive-demos.

For information on the Kansas College and Career Ready Standards, visit ksde.org.

To learn about the Kansas Assessment Program, go to ksassessments.org.

To discover more about this score report, see the 2018 Educator Guide at ksassessments.org/eg.

To get an idea of how your high school students may perform on the ACT based on their KAP scores, go to ksassessments.org/act.

