# Kansas

## Grades 4 and 8 Public Schools State Report Reading 2019

This report provides selected results for Kansas' public school students at grades 4 and 8 from the 2019 National Assessment of Educational Progress (NAEP) assessment in reading. Results are reported by average scale scores and by NAEP achievement levels (*NAEP Basic, NAEP Proficient,* and *NAEP Advanced*).

State-level results in reading are available for 13 assessment years (at grade 4 in 1992 and 1994, and at both grades 4 and 8 in 1998, 2002, 2003, 2005, 2007, 2009, 2011, 2013, 2015, 2017, and 2019), although not all states may have participated or met the criteria for reporting in every assessment year. All 50 states, the District of Columbia, and the Department of Defense Education Activity (DoDEA) schools participated in the 2019 reading assessment at grades 4 and 8.

For more information about the assessment, visit the NAEP page of the NCES website at: <u>https://nces.ed.gov</u>/nationsreportcard/, which contains

- The Nation's Report Card<sup>™</sup>, Reading 2019,
- The full set of national, state, and district results in an interactive database, and
- Released test questions, scoring guides, and item-level performance data.

NAEP is a project of the National Center for Education Statistics (NCES), reporting on the academic achievement of elementary and secondary students in the United States.

### **KEY FINDINGS FOR 2019**

#### Grade 4:

- In 2019, the average reading scale score for fourth-grade students in Kansas was 219. This was not significantly different from that for the nation's public schools (219).
- The average scale score for students in Kansas in 2019 (219) was not significantly different from that in 1998 (221) and was lower than that in 2017 (223).
- In 2019, the percentage of students in Kansas who performed at or above *NAEP Proficient* was 34 percent. This was not significantly different from that for the nation's public schools (34 percent).
- The percentage of students in Kansas who performed at or above *NAEP Proficient* in 2019 (34 percent) was not significantly different from that in 1998 (34 percent) and in 2017 (37 percent).
- In 2019, the percentage of students in Kansas who performed at or above *NAEP Basic* was 66 percent. This was not significantly different from that for the nation's public schools (65 percent).
- The percentage of students in Kansas who performed at or above *NAEP Basic* in 2019 (66 percent) was not significantly different from that in 1998 (70 percent) and in 2017 (70 percent).

#### Grade 8:

- In 2019, the average reading scale score for eighth-grade students in Kansas was 263. This was not significantly different from that for the nation's public schools (262).
- The average scale score for students in Kansas in 2019 (263) was lower than that in 1998 (268) and was lower than that in 2017 (267).
- In 2019, the percentage of students in Kansas who performed at or above *NAEP Proficient* was 32 percent. This was not significantly different from that for the nation's public schools (32 percent).
- The percentage of students in Kansas who performed at or above *NAEP Proficient* in 2019 (32 percent) was not significantly different from that in 1998 (36 percent) and was smaller than that in 2017 (37 percent).
- In 2019, the percentage of students in Kansas who performed at or above *NAEP Basic* was 74 percent. This was greater than that for the nation's public schools (72 percent).
- The percentage of students in Kansas who performed at or above *NAEP Basic* in 2019 (74 percent) was smaller than that in 1998 (81 percent) and in 2017 (78 percent).

The U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, and National Assessment of Educational Progress (NAEP) have provided software that generated user-selectable data, statistical significance test result statements, and technical descriptions of the NAEP assessments for this report. Content may be added or edited by states or other jurisdictions. This document, therefore, is not an official publication of the National Center for Education Statistics.

## Introduction

## What Was Assessed?

The National Assessment of Educational Progress (NAEP) reading assessment uses literary and informational texts to measure students' reading comprehension skills. Students read grade-appropriate passages and answer questions based on what they have read. Performance results are reported for the nation overall, for states and jurisdictions, and for 27 districts participating in the Trial Urban District Assessment (TUDA). The 2019 NAEP reading assessment was the second digitally based assessment. In 2017, the NAEP reading assessment transitioned from a paper-based assessment (PBA) to a digitally based assessment (DBA) at grades 4 and 8. A multi-step process was used for the transition from PBA to DBA, with the careful intent to preserve trend lines that show student performance over time. The process involved administering the assessment in both the DBA and PBA formats to randomly equivalent groups of students and ensured that the results from the 2017 and 2019 reading assessments could be compared to results from previous years. The 2019 reading DBA continues the reading trend line that extends back to 1992.

#### The NAEP Reading Assessment Framework

The National Assessment Governing Board oversees the development of NAEP frameworks that describe the subject-specific knowledge and thinking skills to be assessed in each subject and how the assessment questions should be designed and scored. The development of the NAEP reading framework was guided by scientifically-based reading research. The framework defines reading as a dynamic cognitive process that involves understanding written text, developing and interpreting meaning, and using meaning as appropriate to the type of text in the assessment. The framework also guides the types of texts included in the assessment and specifies cognitive targets for assessment questions. The same framework that has guided assessment development since 2009 was used to guide development of the 2019 DBA.

## **Types of Text**

Research on the nature of texts suggests that readers attend to different aspects of texts as they read different text types; that is, the nature of texts affects reading comprehension. The reading framework includes two types of texts to be used in the assessment: literary and informational. Literary and informational texts for the NAEP reading assessment are distinct categories for two reasons: (1) the structural differences that mark the texts, and (2) the purposes for which students read different texts. Each text type includes various genres.

Literary texts include fiction, literary nonfiction, and poetry.

**Informational texts** include exposition, argumentation and persuasive texts, and procedural texts and documents.

### **Reading Cognitive Targets**

The term *cognitive target* refers to the mental processes or kinds of thinking that underlie reading comprehension. The framework specifies that assessment questions for both literary and informational texts measure one of the three cognitive targets.

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- **Locate and Recall:** When locating or recalling information from what they have read, students may identify explicitly stated information or may focus on specific elements of a story.
- **Integrate and Interpret:** When integrating and interpreting what they have read, students make complex inferences within and across texts; they may explain character motivation, infer the main idea of an article, or infer and explain the theme of a story.
- **Critique and Evaluate:** When critiquing or evaluating what they have read, students consider the text critically by viewing it from numerous perspectives; they may evaluate overall text quality or the effectiveness of particular aspects of the text.

The proportion of the assessment questions devoted to each of the three cognitive targets varies by grade to reflect the developmental differences of students.

## **Assessment Design**

The assessment contains reading materials that were drawn from sources commonly available to students both in and out of the school environment. These authentic materials were considered to be representative of students' typical reading experiences. Students read grade appropriate passages in two blocks during the reading assessment. A combination of multiple-choice and constructed-response questions was used to assess students' understanding of the passages. Released NAEP reading passages and questions, along with student performance data by state, are available on the NAEP website at <a href="https://nces.ed.gov/nationsreportcard/itmrlsx/">https://nces.ed.gov/nationsreportcard/itmrlsx/</a>.

### Who Was Assessed?

All 50 states, the District of Columbia, and the Department of Defense Education Activity (DoDEA) schools participated in the 2019 reading assessment at grades 4 and 8. In order for assessment results to be reported to the public, the overall participation rates for schools and students must meet guidelines established by the National Center for Education Statistics (NCES) and the National Assessment Governing Board (Governing Board). A minimum of 85 percent participation is required for schools in each subject and grade combination. Participation rates for the 2019 reading assessment are available on the NAEP website at https://www.nationsreportcard.gov/reading/about/samples?anchor=footer&grade=4.

The schools and students participating in NAEP assessments are selected to be representative both nationally and for public schools at the state level. The comparisons between national and state results in this report present the performance of public school students only. In NAEP reports, the category "nation (public)" does not include DoDEA or Bureau of Indian Education (BIE) schools.

## **How Is Student Reading Performance Reported?**

The 2019 state results are compared to results from 12 earlier assessments at grade 4 and from 10 earlier assessments at grade 8.

**Scale Scores**: Student performance is reported as an average scale score based on the NAEP reading scale, which ranges from 0 to 500 for grades 4 and 8. Because NAEP scales are developed independently for each subject and for each content area within a subject, the scores cannot be compared across subjects or across content areas within the same subject. Results are also reported at five percentiles (10th, 25th, 50th, 75th, and 90th) to show trends in performance for lower-, middle-, and higher-performing students.

**NAEP Achievement Levels**: NAEP achievement levels are performance standards that describe what students should know and be able to do. Results are reported as percentages of students performing at or above three achievement levels (*NAEP Basic, NAEP Proficient*, and *NAEP Advanced*). Students performing at or above the *NAEP Proficient* level on NAEP assessments demonstrate solid academic performance and competency over challenging subject matter. It should be noted that the *NAEP Proficient* achievement level does not represent grade-level proficiency as determined by other assessment standards (e.g., state or district assessments).

## **Interpreting the Results**

NAEP achievement-level setting is based on the judgments of a broadly representative panel of teachers, education specialists, and members of the general public. The authorizing legislation for NAEP requires that the achievement levels be used on a trial basis until the Commissioner of the National Center for Education Statistics (NCES) determines that the achievement levels are reasonable, valid, and informative to the public (20 USC § 9622(e)(2)(C)). The NCES Commissioner's determination is to be based on a congressionally mandated, rigorous, and independent evaluation. The latest evaluation of the achievement levels was conducted by a committee convened by the National Academies of Sciences, Engineering, and Medicine in 2016. The evaluation concluded that further evidence should be gathered to determine whether the achievement levels are reasonable, valid, and informative. Accordingly, the NCES Commissioner determined that the trial status of the achievement levels should be maintained at this time. Read more about how NAEP achievement levels are set. In 2018, the National Assessment Governing Board issued a revised Policy Statement clarifying that the *NAEP Proficient* level is not intended to reflect grade-level performance expectations but is specific to performance on NAEP assessments. Read the Governing Board Policy Statement here.

- *NAEP Basic*, one of the three NAEP achievement levels, denoting partial mastery of prerequisite knowledge and skills that are fundamental for performance at the *NAEP Proficient* level. NAEP also reports the proportion of students whose scores place them below the *NAEP Basic* achievement level.
- *NAEP Proficient*, one of the three NAEP achievement levels, representing solid academic performance for each NAEP assessment. Students reaching this level have demonstrated competency over challenging subject matter, including subject-matter knowledge, application of such knowledge to real-world situations, and analytical skills appropriate to the subject matter.
- *NAEP Advanced*, one of the three NAEP achievement levels, denoting superior performance beyond *NAEP Proficient*.

The NAEP achievement levels are cumulative; therefore, students performing at the *NAEP Proficient* level also display the competencies associated with the *NAEP Basic* level, and students at the *NAEP Advanced* level demonstrate the competencies associated with both the *NAEP Basic* and the *NAEP Proficient* levels.

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As provided by law, NCES, upon review of congressionally mandated evaluations of NAEP, has determined that NAEP achievement levels are to be used on a trial basis and should be interpreted with caution. The NAEP achievement levels have been widely used by national and state officials. The reading NAEP achievement-level descriptions are summarized in Figures 1-A and 1-B.

Figure 1-A The Nation's Report Card 2019 State Assessment

Descriptions of fourth-grade NAEP achievement levels for 2019 NAEP reading assessment

NAEP Fourth-grade students performing at the NAEP Basic level should be able to locate relevant information, make simple inferences, and use their understanding of the text to identify details that support a given interpretation or conclusion. Students should be able to interpret the meaning of a word as it is used in the text.
 (208)

When reading **literary** texts such as fiction, poetry, and literary nonfiction, fourth-grade students performing at the *NAEP Basic* level should be able to make simple inferences about characters, events, plot, and setting. They should be able to identify a problem in a story and relevant information that supports an interpretation of a text.

When reading **informational** texts such as articles and excerpts from books, fourth-grade students performing at the *NAEP Basic* level should be able to identify the main purpose and an explicitly stated main idea, as well as gather information from various parts of a text to provide supporting information.

NAEP Fourth-grade students performing at the NAEP Proficient level should be able to integrate and interpret texts and
 Proficient apply their understanding of the text to draw conclusions and make evaluations.
 Level
 (238)

When reading **literary** texts such as fiction, poetry, and literary nonfiction, fourth-grade students performing at the *NAEP Proficient* level should be able to identify implicit main ideas and recognize relevant information that supports them. Students should be able to judge elements of an author's craft and provide some support for their judgment. They should be able to analyze character roles, actions, feelings, and motivations.

When reading **informational** texts such as articles and excerpts from books, fourth-grade students performing at the *NAEP Proficient* level should be able to locate relevant information, integrate information across texts, and evaluate the way an author presents information. Student performance at this level should demonstrate an understanding of the purpose for text features and an ability to integrate information from headings, text boxes, and graphics and their captions. They should be able to explain a simple cause-and-effect relationship and draw conclusions.

NAEP Fourth-grade students performing at the NAEP Advanced level should be able to make complex inferences and construct and support their inferential understanding of the text. Students should be able to apply their understanding of a text to make and support a judgment.
 (268)

When reading **literary** texts such as fiction, poetry, and literary nonfiction, fourth-grade students performing at the *NAEP Advanced* level should be able to identify the theme in stories and poems and make complex inferences about characters' traits, feelings, motivations, and actions. They should be able to recognize characters' perspectives and evaluate characters' motivations. Students should be able to interpret characteristics of poems and evaluate aspects of text organization.

When reading **informational** texts such as articles and excerpts from books, fourth-grade students performing at the *NAEP Advanced* level should be able to make complex inferences about main ideas and supporting ideas. They should be able to express a judgment about the text and about text features and support the judgments with evidence. They should be able to identify the most likely cause given an effect, explain an author's point of view, and compare ideas across two texts.

NOTE: The scores in parentheses in the shaded boxes indicate the lowest point on the 0 to 500 scale at which the NAEP achievement-level range begins. SOURCE: National Assessment Governing Board. (2018). *Reading Framework for the 2019 National Assessment of Educational Progress*. Washington, DC.

Figure
1-B

The Nation's Report Card 2019 State Assessment

Descriptions of eighth-grade NAEP achievement levels for 2019 NAEP reading assessment

NAEP Eighth-grade students performing at the NAEP Basic level should be able to locate information; identify statements
 Basic of main idea, theme, or author's purpose; and make simple inferences from texts. They should be able to interpret
 the meaning of a word as it is used in the text. Students performing at this level should also be able to state
 (243) judgments and give some support about content and presentation of content.

When reading **literary** texts such as fiction, poetry, and literary nonfiction, eighth-grade students performing at the *NAEP Basic* level should recognize major themes and be able to identify, describe, and make simple inferences about setting and about character motivations, traits, and experiences. They should be able to state and provide some support for judgments about the way an author presents content and about character motivation.

When reading **informational** texts such as exposition and argumentation, eighth-grade students performing at the *NAEP Basic* level should be able to recognize inferences based on main ideas and supporting details. They should be able to locate and provide relevant facts to construct general statements about information from the text. Students should be able to provide some support for judgments about the way information is presented.

NAEP Eighth-grade students performing at the NAEP Proficient level should be able to provide relevant information and
 Proficient summarize main ideas and themes. They should be able to make and support inferences about a text, connect parts of a text, and analyze text features. Students performing at this level should also be able to fully substantiate judgments about content and presentation of content.

When reading **literary** texts such as fiction, poetry, and literary nonfiction, eighth-grade students performing at the *NAEP Proficient* level should be able to make and support a connection between characters from two parts of a text. They should be able to recognize character actions and infer and support character feelings. Students performing at this level should be able to provide and support judgments about characters' motivations across texts. They should be able to identify how figurative language is used.

When reading **informational** texts such as exposition and argumentation, eighth-grade students performing at the *NAEP Proficient* level should be able to locate and provide facts and relevant information that support a main idea or purpose, interpret causal relations, provide and support a judgment about the author's argument or stance, and recognize rhetorical devices.

NAEP Eighth-grade students performing at the NAEP Advanced level should be able to make connections within and
 Advanced across texts and to explain causal relations. They should be able to evaluate and justify the strength of supporting evidence and the quality of an author's presentation. Students performing at the NAEP Advanced level also should be able to manage the processing demands of analysis and evaluation by stating, explaining, and justifying.

When reading **literary** texts such as fiction, literary nonfiction, and poetry, eighth-grade students performing at the *NAEP Advanced* level should be able to explain the effects of narrative events. Within or across texts, they should be able to make thematic connections and make inferences about characters' feelings, motivations, and experiences.

When reading **informational** texts such as exposition and argumentation, eighth-grade students performing at the *NAEP Advanced* level should be able to infer and explain a variety of connections that are intratextual (such as the relation between specific information and the main idea) or intertextual (such as the relation of ideas across expository and argument texts). Within and across texts, students should be able to state and justify judgments about text features, choice of content, and the author's use of evidence and rhetorical devices.

NOTE: The scores in parentheses in the shaded boxes indicate the lowest point on the 0 to 500 scale at which the NAEP achievement-level range begins. SOURCE: National Assessment Governing Board. (2018). *Reading Framework for the 2019 National Assessment of Educational Progress*. Washington, DC.

## Assessing Students With Disabilities and/or English Language Learners

Testing accommodations, such as extra testing time or individual (rather than group) administration, are provided for students with disabilities (SD) and/or English language learners (ELL) who could not fairly and accurately demonstrate their abilities without modified test administration procedures. In 1996, administration procedures were introduced at the national level allowing certain accommodations for students requiring such accommodations to participate.

In state NAEP reading assessments prior to 1998, no testing accommodations or adaptations were permitted for SD and/or ELL students. In 1998, NAEP was administered using a split sample of schools—one sample in which accommodations were permitted for SD and/or ELL students who normally received them and another sample in which accommodations were not permitted. Therefore, there were two different sets of results available for 1998, and both are shown in the tables in this report. Please note that bullet statements only reference the results from the 1998 assessment where accommodations were permitted. Results for the assessment years where accommodations were not permitted in state NAEP reading assessments (1992 and 1994) are reported in the same tables as the results where accommodations were permitted (1998, 2002, 2003, 2005, 2007, 2009, 2011, 2013, 2015, 2017, and 2019).

## 2019 NAEP Digitally Based Reading Assessment

The 2019 NAEP digitally based reading assessment was designed to continue reporting trends in student performance dating back to 1992, while keeping pace with the new generation of classroom environments in which digital technology has become an increasing part of students' learning. The 2019 assessment content was developed with the same reading framework used to develop the 2009 through 2015 paper-based assessments and the 2017 digitally based assessment.

Most of the content administered in the 2019 digitally based reading assessment was also used in the 2015 paper-based assessment. The previously used passages and questions were adapted to fit a tablet screen. While the presentation of content changed, the content itself did not change. Of the 17 passages and question sets at grade 4 and 19 passages and question sets at grade 8 administered, one set at each grade was newly developed for 2019. The newly developed questions were also based on the NAEP reading framework which has guided assessment development since the 2009 assessment.

The assessment was administered on tablet computers supplied by NAEP using a secure, local NAEP network. This allowed the NAEP administrators to create a stable administration environment that would not be influenced by school-based equipment or school internet connectivity, thereby maintaining consistency across the assessed schools. Students were able to interact with the tablets via touchscreen, with an attached keyboard, or using a stylus provided by NAEP. The digitally based reading assessment provided students with online tools, such as look-back buttons to take them back to the passage and a highlighter to mark information in the passage. See how the reading assessment was presented to students. At the beginning of the assessment session, students viewed an interactive tutorial that provided all the information needed to take the assessment on tablet; for example, it explains how to navigate between the reading text and questions, how to progress through questions, and how to indicate answers for multiple-choice questions. The interactive nature of the tutorial allowed students to familiarize themselves with the digital delivery system before beginning the actual assessment.

In addition to the digitally based assessment, a random subsample of students was administered the complete 2015 paper-based version of the assessment in 2017. NAEP administered the assessment in both modes—paper-based and digitally based—in all the sampled schools to investigate potential differences in performance between students taking the assessment on a tablet and students taking the paper-based assessment. However, in schools with fewer than 21 students, all students were assigned to either the digitally or paper-based assessment. Each participating student, however, took the assessment in only one mode. See how a reading passage and questions looked in the <u>paper mode</u> and how the same set looked in the <u>digital</u> mode.

After the administration of the assessment, the National Center for Education Statistics (NCES) conducted rigorous analyses of the data and aligned the 2017 results to previous assessment years using a two-step process.

- First, common item linking was used to calculate the trend line from 2015 to 2017 based on the paperbased assessment results. This kind of linking was possible because the majority of 2017 assessment questions were also administered in 2015 and showed the same statistical properties.
- Second, common population linking was used to align the 2017 paper-based assessment results with the 2017 digital assessment results. This kind of linking was possible because the samples of students for each assessment mode were randomly equivalent; that is, each random sample included students from the same school, ensuring that the students' educational experiences and characteristics were equivalent.

Once the common population linking aligned the digital results to the paper results on the national level, the analyses evaluated whether the linking allowed for fair and meaningful comparisons for national student groups as well as for states and districts. These evaluations supported making trend comparisons between the digital assessment and previous paper-based assessments for subgroups, states, and districts.

These analyses—common item linking based on paper results and common population linking of paper results to digital results—enabled NCES to successfully maintain the reading trend line while transitioning to digital assessment in 2017 and to continue the trend line for the 2019 and subsequent digital assessments.

## **Interpreting the Results**

The scores and percentages in this report are estimates based on samples of students rather than on entire populations. In addition, the collection of questions used at each grade level is only a sample of the many questions that could have been asked to assess the skills and abilities described in the NAEP framework. Comparisons over time or between groups are based on statistical tests that consider both the size of the differences and the standard errors of the two statistics being compared. Standard errors are margins of error, and estimates based on smaller groups are likely to have larger margins of error. The size of the standard errors may also be influenced by other factors such as how representative the assessed students are of the entire population. Statistical tests that factor in these standard errors are used to determine whether the differences between average scale scores or percentages are significant. All differences were tested for statistical significance at the .05 level using unrounded numbers.

NAEP sample sizes have increased since 2002 compared to previous years, resulting in smaller standard errors. As a consequence, smaller differences are detected as being statistically significant than were detected in previous assessments. In addition, estimates based on smaller groups are likely to have relatively large standard errors. Thus, some seemingly large differences may not be statistically significant. That is, it cannot be determined whether these differences are due to sampling error, or to true differences in the population of interest.

Differences between scores or percentages are discussed in this report only when they are significant from a statistical perspective. Significant differences between 2019 and prior assessments are marked with a notation (\*) in the tables. Any differences in scores within a year or across years that are mentioned in the text as "higher," "lower," "greater," or "smaller" are statistically significant.

Score or percentage differences or gaps cited in this report are calculated based on differences between unrounded numbers. Therefore, the reader may find that the score or percentage difference cited in the text or tables may not be identical to the difference obtained from subtracting the rounded values shown in the accompanying tables or figures.

The reader is cautioned against making simple causal inferences between student performance and the other variables (e.g., race/ethnicity, gender, and type of school location) discussed in this report. A statistically significant relationship between a variable and measures of student performance does not imply that the variable causes differences in how well students perform. The relationship may be influenced by a number of other variables not accounted for in this report, such as family income, parental involvement, or student attitudes.

## NAEP 2019 Reading Overall Average Score and NAEP Achievement-Level Results for Public School Students

Overall reading results for public school students from Kansas are reported in this section, as well as regional and national results. The regions defined by the U.S. Census Bureau are Northeast, South, Midwest, and West (https://nces.ed.gov/nationsreportcard/hsts/tabulations/regions.asp). Trend data by region are not provided for assessment years prior to 2003.

Prior to 1998, testing accommodations were not provided for SD and/or ELL students in NAEP state reading assessments. For 1998, results are displayed for both the sample in which accommodations were permitted and the sample in which they were not permitted. Subsequent assessment results were based on the more inclusive samples. In the text of this report, comparisons to 1998 results refer only to the sample in which accommodations were permitted.

## **Overall Average Scale Score Results**

Student performance is reported as an average scale score based on the NAEP reading scale, which ranges from 0 to 500 for grades 4 and 8.

Tables 1-A and 1-B show the overall performance results of grades 4 and 8 public school students in Kansas, the nation, and the region. Prior to 2003, the list of states that comprise a given region for NAEP differed from the list used by the U.S. Census Bureau, which has been used in NAEP from 2003 onward. Therefore, the data for the state's region are given only since 2003. The first column of results presents the average scale score on the NAEP reading scale. The remaining columns show the scores at selected percentiles. Percentiles indicate the percentages of students whose scores fell at or below a particular score. For example, the 25th percentile defines the cut point for the lowest 25 percent of students within the distribution of scale scores.

#### Grade 4 Average Scale Score Results

- In 2019, the average scale score for students in Kansas was 219. This was not significantly different from that for students across the nation (219).
- In Kansas, the average scale score for students in 2019 was lower than that in 2017 (223). Similarly, the average scale score for students in public schools across the nation in 2019 was lower than that in 2017 (221).
- In Kansas, the average scale score for students in 2019 was lower than the scores in 2007, 2009, 2011, 2013, and 2017. However, it was not significantly different from the scores in 1998, 2002, 2003, 2005, and 2015.

#### Grade 8 Average Scale Score Results

- In 2019, the average scale score for students in Kansas was 263. This was not significantly different from that for students across the nation (262).
- In Kansas, the average scale score for students in 2019 was lower than that in 2017 (267). Similarly, the average scale score for students in public schools across the nation in 2019 was lower than that in 2017 (265).
- In Kansas, the average scale score for students in 2019 was lower than the scores in 1998, 2002, 2005, 2007, 2009, 2011, 2013, 2015, and 2017. However, it was not significantly different from the score in 2003.

Table 1-A

#### The Nation's Report Card 2019 State Assessment

Average scale scores and selected percentile scores in NAEP reading for fourth-grade public school students, by year and jurisdiction: Various years, 1998–2019

Year and jurisdiction		Average scale score	10th percentile	25th percentile	50th percentile	75th percentile	90th percentile
1998 <sup>1</sup>	Nation (public)	215*	165	192*	218*	242*	261*
	Kansas	222	177*	204*	226	245	261
1998	Nation (public)	213*	161*	189*	215*	241*	260*
	Kansas	221	176*	202	225	245	262
2002	Nation (public)	217*	169	194*	219*	242*	261*
	Kansas	222	177*	200	224	246	263
2003	Nation (public)	216*	167	193*	219*	243*	262*
	Midwest <sup>2</sup>	220	172*	198	223*	246*	264
	Kansas	220	173	198	223	245	263
2005	Nation (public)	217*	169*	194*	220*	243*	262*
	Midwest <sup>2</sup>	220	173*	198	223*	245*	263*
	Kansas	220	173	199	223	245	263
2007	Nation (public)	220	173*	198*	222*	244*	263*
	Midwest <sup>2</sup>	222*	177*	201*	225	246	264
	Kansas	225*	183*	205*	227	247	264
2009	Nation (public)	220	173*	198*	222*	244*	263*
	Midwest <sup>2</sup>	222*	175*	200*	224	246*	264
	Kansas	224*	181*	205*	227	246	263
2011	Nation (public)	220	173*	198*	223	245*	263*
	Midwest <sup>2</sup>	221	174*	200*	224	245*	263*
	Kansas	224*	178*	203*	227	248	265
2013	Nation (public)	221*	172*	199*	224	246	264
	Midwest <sup>2</sup>	222*	173*	201*	226	247	265
	Kansas	223*	176*	203*	228	248	265
2015	Nation (public)	221*	173*	200*	225*	247	265
	Midwest <sup>2</sup>	223*	175*	202*	226*	248	265
	Kansas	221	171	199	225	247	266
2017	Nation (public)	221*	169*	198*	225*	248*	266
	Midwest <sup>2</sup>	222*	172*	200*	226*	248	266
	Kansas	223*	176*	202	227*	249	265
2019	Nation (public)	219	167	196	224	247	265
	Midwest <sup>2</sup>	220	168	197	225	247	265
	Kansas	219	167	197	224	246	263

\* Value is significantly different (p < .05) from the value for the same jurisdiction in 2019.

<sup>1</sup> Accommodations were not permitted for this assessment.

<sup>2</sup> Region in which jurisdiction is located. Regional data are not provided for years prior to 2003 to be consistent with the U.S. Census Bureau defined regions.

NOTE: The NAEP grade 4 reading scale ranges from 0 to 500. All differences were calculated and tested using unrounded numbers.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 1998–2019 Reading Assessments.

Table 1-B

#### The Nation's Report Card 2019 State Assessment

Average scale scores and selected percentile scores in NAEP reading for eighth-grade public school students, by year and jurisdiction: Various years, 1998–2019

Year and jurisdiction		Average scale score	10th percentile	25th percentile	50th percentile	75th percentile	90th percentile
1998 <sup>1</sup>	Nation (public)	261	215*	240	264	286*	304*
	Kansas	268*	229*	249*	270*	289	305
1998	Nation (public)	261	214	238	264	285*	303*
	Kansas	268*	227	250*	270*	289	305
2002	Nation (public)	263	219*	242*	265	286*	303*
	Kansas	269*	227*	250*	272*	292	308
2003	Nation (public)	261	215*	240	264	286*	304*
	Midwest <sup>2</sup>	266*	223*	246*	269	289	306*
	Kansas	266	220	245	269	290	307
2005	Nation (public)	260*	214*	238	263*	285*	303*
	Midwest <sup>2</sup>	265	221*	244*	267	288*	305*
	Kansas	267*	224*	246*	269	289	307
2007	Nation (public)	261	216*	240*	264*	285*	303*
	Midwest <sup>2</sup>	265	222*	245*	267	287*	304*
	Kansas	267*	227*	250*	270*	289	304
2009	Nation (public)	262	218*	242*	265	286*	304*
	Midwest <sup>2</sup>	266	223*	246*	268	288*	305*
	Kansas	267*	228*	248*	269	288	304
2011	Nation (public)	264*	219*	243*	266	287*	305*
	Midwest <sup>2</sup>	267*	224*	247*	269	289	307*
	Kansas	267*	226*	248*	270*	289	306
2013	Nation (public)	266*	222*	245*	268*	289	308
	Midwest <sup>2</sup>	268*	224*	247*	270*	291	309
	Kansas	267*	222*	247*	270*	290	307
2015	Nation (public)	264*	218*	243*	266*	288	306*
	Midwest <sup>2</sup>	267*	223*	247*	269	290	308
	Kansas	267*	223*	247*	269	289	306
2017	Nation (public)	265*	218*	243*	268*	290*	309*
	Midwest <sup>2</sup>	268*	222*	247*	271*	292*	310
	Kansas	267*	222*	246*	270*	291	309
2019	Nation (public)	262	211	239	265	288	308
	Midwest <sup>2</sup>	265	216	242	268	290	309
* Value is significantly different (n	Kansas	263	216	242	266	287	305

\* Value is significantly different (p < .05) from the value for the same jurisdiction in 2019.

<sup>1</sup> Accommodations were not permitted for this assessment.

<sup>2</sup> Region in which jurisdiction is located. Regional data are not provided for years prior to 2003 to be consistent with the U.S. Census Bureau defined regions.

NOTE: The NAEP grade 8 reading scale ranges from 0 to 500. All differences were calculated and tested using unrounded numbers.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 1998–2019 Reading Assessments.

## **Overall NAEP Achievement-Level Results**

Student results are reported as the percentages of students performing relative to performance standards set by the Governing Board. These performance standards for what students should know and be able to do were based on the recommendations of broadly representative panels of educators and members of the public.

Tables 2-A and 2-B show the percentage of students at grades 4 and 8 who performed below *NAEP Basic*, at or above *NAEP Basic*, at or above *NAEP Proficient*, and at *NAEP Advanced*. Because the percentages are cumulative from *NAEP Basic* to *NAEP Proficient* to *NAEP Advanced*, they may sum to more than 100 percent. Only the percentage of students performing at or above *NAEP Basic* (which includes the students at *NAEP Proficient* and *NAEP Advanced*) plus the students below *NAEP Basic* will sum to 100 percent.

#### Grade 4 NAEP Achievement-Level Results

- In 2019, the percentage of Kansas' students who performed at or above *NAEP Proficient* was 34 percent. This was not significantly different from the percentage of the nation's public school students who performed at or above *NAEP Proficient* (34 percent).
- In Kansas, the percentage of students who performed at or above *NAEP Proficient* in 2019 was not significantly different from the percentages in 1998, 2002, 2003, 2005, 2007, 2009, 2011, 2013, 2015, and 2017.
- In 2019, the percentage of Kansas' students who performed at or above *NAEP Basic* was 66 percent. This was not significantly different from the percentage of the nation's public school students who performed at or above *NAEP Basic* (65 percent).
- In Kansas, the percentage of students who performed at or above *NAEP Basic* in 2019 was smaller than the percentages in 2007, 2009, 2011, and 2013, but was not significantly different from the percentages in 1998, 2002, 2003, 2005, 2015, and 2017.

#### Grade 8 NAEP Achievement-Level Results

- In 2019, the percentage of Kansas' students who performed at or above *NAEP Proficient* was 32 percent. This was not significantly different from the percentage of the nation's public school students who performed at or above *NAEP Proficient* (32 percent).
- In Kansas, the percentage of students who performed at or above *NAEP Proficient* in 2019 was smaller than the percentages in 2002 and 2017, but was not significantly different from the percentages in 1998, 2003, 2005, 2007, 2009, 2011, 2013, and 2015.
- In 2019, the percentage of Kansas' students who performed at or above *NAEP Basic* was 74 percent. This was greater than the percentage of the nation's public school students who performed at or above *NAEP Basic* (72 percent).
- In Kansas, the percentage of students who performed at or above *NAEP Basic* in 2019 was smaller than the percentages in 1998, 2002, 2005, 2007, 2009, 2011, 2013, 2015, and 2017, but was not significantly different from the percentage in 2003.

Table 2-A

#### The Nation's Report Card 2019 State Assessment

Percentage of fourth-grade public school students at or above NAEP reading achievement levels, by year and jurisdiction: Various years, 1998–2019

Year and jurisdiction		Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
1998 <sup>1</sup>	Nation (public)	39*	61*	29*	6*
	Kansas	29*	71*	34	6
1998	Nation (public)	42*	58*	28*	6*
	Kansas	30	70	34	7
2002	Nation (public)	38*	62*	30*	6*
	Kansas	32	68	34	7
2003	Nation (public)	38*	62*	30*	7*
	Midwest <sup>2</sup>	34	66	33*	8
	Kansas	34	66	33	7
2005	Nation (public)	38*	62*	30*	7*
	Midwest <sup>2</sup>	34	66	32*	7*
	Kansas	34	66	32	8
2007	Nation (public)	34	66	32*	7*
	Midwest <sup>2</sup>	31*	69*	34	8
	Kansas	28*	72*	36	8
2009	Nation (public)	34	66	32*	7*
	Midwest <sup>2</sup>	32*	68*	34	8
	Kansas	28*	72*	35	7
2011	Nation (public)	34	66	32*	7*
	Midwest <sup>2</sup>	32*	68*	33*	7*
	Kansas	29*	71*	36	8
2013	Nation (public)	33*	67*	34	8*
	Midwest <sup>2</sup>	31*	69*	36	8
	Kansas	29*	71*	38	8
2015	Nation (public)	32*	68*	35	8
	Midwest <sup>2</sup>	30*	70*	36	8
	Kansas	32	68	35	9
2017	Nation (public)	33*	67*	35*	9
	Midwest <sup>2</sup>	31*	69*	37*	9
	Kansas	30	70	37	8
2019	Nation (public)	35	65	34	9
	Midwest <sup>2</sup>	34	66	35	8
	Kansas	34	66	34	7

\* Value is significantly different (p < .05) from the value for the same jurisdiction in 2019.

<sup>1</sup> Accommodations were not permitted for this assessment.

<sup>2</sup> Region in which jurisdiction is located. Regional data are not provided for years prior to 2003 to be consistent with the U.S. Census Bureau defined regions. NOTE: The NAEP grade 4 reading scale ranges from 0 to 500. NAEP Achievement levels correspond to the following points on the NAEP reading scales: below *NAEP Basic*, 207 or lower; *NAEP Basic*, 208–237; *NAEP Proficient*, 238–267; and *NAEP Advanced*, 268 or above. At or above *NAEP Basic* includes *NAEP Basic*, *NAEP Proficient*, and *NAEP Advanced*. Detail may not sum to totals because of rounding. All differences were calculated and tested using unrounded numbers.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 1998–2019 Reading Assessments.

Table 2-B

#### The Nation's Report Card 2019 State Assessment

Percentage of eighth-grade public school students at or above NAEP reading achievement levels, by year and jurisdiction: Various years, 1998–2019

Year and jurisdiction		Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
1998 <sup>1</sup>	Nation (public)	28	72	31	2*
	Kansas	19*	81*	35	2
1998	Nation (public)	29	71	30*	2*
	Kansas	19*	81*	36	2
2002	Nation (public)	26*	74*	31*	2*
	Kansas	19*	81*	38*	3
2003	Nation (public)	28	72	30*	3*
	Midwest <sup>2</sup>	23*	77*	34	3*
	Kansas	23	77	35	3
2005	Nation (public)	29	71	29*	3*
	Midwest <sup>2</sup>	24*	76*	32*	3*
	Kansas	22*	78*	35	3
2007	Nation (public)	27	73	29*	2*
	Midwest <sup>2</sup>	23*	77*	32*	2*
	Kansas	19*	81*	35	2
2009	Nation (public)	26*	74*	30*	2*
	Midwest <sup>2</sup>	22*	78*	34	3*
	Kansas	20*	80*	33	2
2011	Nation (public)	25*	75*	32	3*
	Midwest <sup>2</sup>	22*	78*	35	3*
	Kansas	21*	79*	35	3
2013	Nation (public)	23*	77*	34*	4
	Midwest <sup>2</sup>	21*	79*	36	4
	Kansas	22*	78*	36	3
2015	Nation (public)	25*	75*	33	3*
	Midwest <sup>2</sup>	22*	78*	36	4
	Kansas	21*	79*	35	3
2017	Nation (public)	25*	75*	35*	4
	Midwest <sup>2</sup>	22*	78*	37*	4
	Kansas	22*	78*	37*	4
2019	Nation (public)	28	72	32	4
	Midwest <sup>2</sup>	26	74	35	4
	Kansas	26	74	32	3

\* Value is significantly different (p < .05) from the value for the same jurisdiction in 2019.

<sup>1</sup> Accommodations were not permitted for this assessment.

<sup>2</sup> Region in which jurisdiction is located. Regional data are not provided for years prior to 2003 to be consistent with the U.S. Census Bureau defined regions. NOTE: The NAEP grade 8 reading scale ranges from 0 to 500. NAEP Achievement levels correspond to the following points on the NAEP reading scales: below *NAEP Basic*, 242 or lower; *NAEP Basic*, 243–280; *NAEP Proficient*, 281–322; and *NAEP Advanced*, 323 or above. At or above *NAEP Basic* includes *NAEP Basic*, *NAEP Proficient*, and *NAEP Advanced*. Detail may not sum to totals because of rounding. All differences were calculated and tested using unrounded numbers.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 1998–2019 Reading Assessments.

## Comparisons Between Kansas, the Nation, and Participating States and Jurisdictions

All 50 states, the District of Columbia, and Department of Defense Education Activity schools (DoDEA) participated in the 2019 reading assessment at grades 4 and 8. References to "jurisdictions" in the results statements may include states, the District of Columbia, and DoDEA schools.

### **Comparisons by Average Scale Scores**

Figures 2-A and 2-B compare Kansas' 2019 overall reading scale scores at grades 4 and 8 with those of public schools in the nation and all other participating states and jurisdictions. The different shadings indicate whether the average scale score of the nation (public), a state, or a jurisdiction was found to be higher than, lower than, or not significantly different from that of Kansas in the NAEP 2019 reading assessment.

#### Grade 4 Average Scale Score Comparison Results

• The average scale score for students in Kansas was higher than 7 jurisdictions, not significantly different from 33 jurisdictions, and lower than 11 jurisdictions.

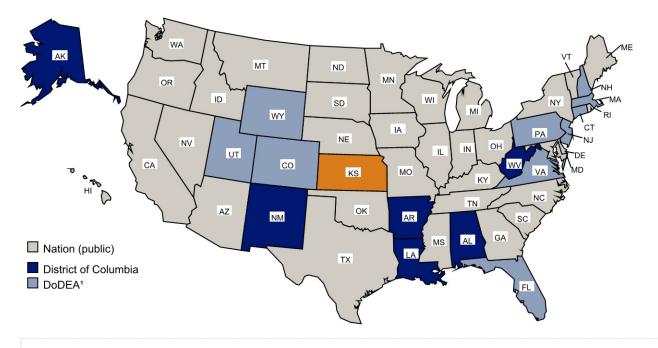
#### Grade 8 Average Scale Score Comparison Results

• The average scale score for students in Kansas was higher than 15 jurisdictions, not significantly different from 25 jurisdictions, and lower than 11 jurisdictions.



## The Nation's Report Card 2019 State Assessment

Kansas' average scale score in NAEP reading for fourth-grade public school students compared with scores for the nation and other participating jurisdictions: 2019



Focal state/jurisdiction (Kansas)

☆

Higher average scale score than Kansas (11 jurisdictions)

Not significantly different from Kansas (nation and 33 jurisdictions)

Lower average scale score than Kansas (7 jurisdictions)

<sup>1</sup> Department of Defense Education Activity (overseas and domestic schools).

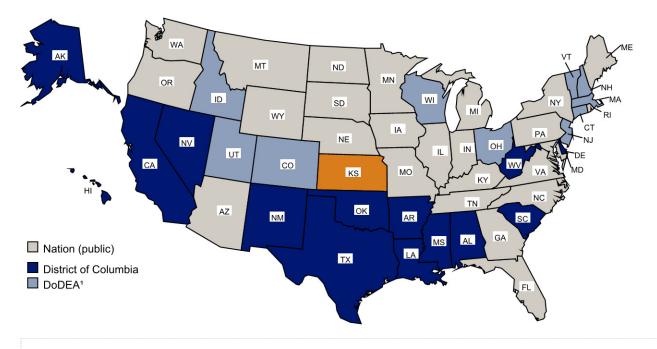
NOTE: Significance tests used a multiple-comparison procedure based on all jurisdictions that participated.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2019 Reading Assessment.



## The Nation's Report Card 2019 State Assessment

Kansas' average scale score in NAEP reading for eighth-grade public school students compared with scores for the nation and other participating jurisdictions: 2019



Focal state/jurisdiction (Kansas)

☆

Higher average scale score than Kansas (11 jurisdictions)

Not significantly different from Kansas (nation and 25 jurisdictions)

Lower average scale score than Kansas (15 jurisdictions)

<sup>1</sup> Department of Defense Education Activity (overseas and domestic schools).

NOTE: Significance tests used a multiple-comparison procedure based on all jurisdictions that participated.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2019 Reading Assessment.

## **Comparisons by NAEP Achievement Levels**

Figures 3-A and 3-B permit comparisons of all jurisdictions (and the nation) participating in the 2019 NAEP reading assessment in terms of percentages of grades 4 and 8 students performing at or above *NAEP Proficient*. The participating states and jurisdictions are grouped into categories that reflect whether the percentage of their students performing at or above *NAEP Proficient* (including *NAEP Advanced*) was found to be higher than, not significantly different from, or lower than the percentage in Kansas.

Note that the selected state is listed first in its category, and the other states and jurisdictions within each category are listed alphabetically; statistical comparisons among jurisdictions in each of the three categories are not included in this report. However, statistical comparisons among states by NAEP achievement level can be conducted online by using the NAEP Data Explorer at https://nces.ed.gov/nationsreportcard/naepdata/.

#### Grade 4 NAEP Achievement-Level Comparison Results

- The percentage of students performing at or above the *NAEP Proficient* level in Kansas was greater than the percentages in 5 jurisdictions, not significantly different from those in 38 jurisdictions, and smaller than those in 8 jurisdictions.
- The percentage of students performing at or above the *NAEP Basic* level in Kansas was greater than the percentages in 10 jurisdictions, not significantly different from those in 34 jurisdictions, and smaller than those in 7 jurisdictions (data not shown).

#### Grade 8 NAEP Achievement-Level Comparison Results

- The percentage of students performing at or above the *NAEP Proficient* level in Kansas was greater than the percentages in 9 jurisdictions, not significantly different from those in 29 jurisdictions, and smaller than those in 13 jurisdictions.
- The percentage of students performing at or above the *NAEP Basic* level in Kansas was greater than the percentages in 15 jurisdictions, not significantly different from those in 33 jurisdictions, and smaller than those in 3 jurisdictions (data not shown).

Figure 3-A

#### The Nation's Report Card 2019 State Assessment

Average scale scores in NAEP reading for fourth-grade public school students, percentage within each achievement level, and Kansas' percentage at or above NAEP Proficient compared with the nation and other participating jurisdictions: 2019

State/jurisdiction	Avg.	Legend:	Below Basic	Basic	Proficient Adv	ranced	State/jurisdiction
:	score	Percentage at or	above Proficie	nt is higher thar	n Kansas		
Colorado	225	Ū	29	31	29 11		Colorado
Connecticut			30	30	29 12		Connecticut
DoDEA <sup>1</sup>	235		17	34	38 12		DoDEA <sup>1</sup>
Massachusetts			24	31	31 14	-	Massachusetts
New Jersey			28	30	30 12		New Jersey
Pennsylvania			32	29	28 11		Pennsylvania
Utah			28	32	30 10		Utah
Wyoming			20	33	31 10		Wyoming
vvyonnig	221						wyoning
KANCAC	240	Percentage at or		nt is not signific 33	antly different from Ka	nsas	KANGAG
KANSAS NATION (Public)			34 35	31	<u>27</u> 7 26 9		KANSAS
· · · · ·			39	30	24 7		NATION (Public)
Arizona			38	31	24 7		Arizona
Arkansas							Arkansas
California			37	30	24 8		California
Delaware			38	30	24 9		Delaware
District of Columbia			43	27	21 10		District of Columbia
Florida		_	30	33	28 9		Florida
Georgia			37	31	23 9		Georgia
Hawaii			37	29	25 8		Hawaii
Idaho			31	32	28 9		Idaho
Illinois			36	30	26 9		Illinois
Indiana			33	30	27 10		Indiana
lowa	221		32	33	27 8		Iowa
Kentucky	221		33	32	26 9		Kentucky
Maine	221		33	31	27 9		Maine
Maryland	220		36	29	24 11		Maryland
Michigan			36	33	24 7		Michigan
Minnesota			31	31	29 9		Minnesota
Mississippi			35	34	25 6		Mississippi
Missouri			36	30	26 8		Missouri
Montana			31	32	28 8		Montana
Nebraska			31	32	28 9		Nebraska
Nevada			36	33	24 7		Nevada
New Hampshire			29	33	28 10		New Hampshire
New York			34	31	26 8		New York
North Carolina			33	31	27 9		North Carolina
North Dakota			31	34	27 7		North Dakota
Ohio			32	32	28 8		Ohio
Oregon			36	30	25 9		Oregon
Rhode Island			34	31	26 9		Rhode Island
South Carolina			39	29	23 8		South Carolina
South Dakota			31	33	28 8		South Dakota
Tennessee			34	31	26 8		Tennessee
Texas			39	31	24 7		Texas
Vermont			32	31	28 9		Vermont
Virginia	224		31	31	29 10		Virginia
Washington			35	30	26 9		Washington
West Virginia			40	30	24 6		West Virginia
Wisconsin	220		34	30	26 9		Wisconsin
		Percentage at or	above Proficie	<i>nt</i> is lower than	Kansas		
Alabama	212		42	30	23 6		Alabama
Alaska	204		47	28	20 5		Alaska
Louisiana			45	29	20 6		Louisiana
New Mexico	208		47	29	19 5		New Mexico
Oklahoma			37	35	24 5		Oklahoma
							1
	10	00 90 80 70	60 50 40 3	30 20 10 0	) 10 20 30 40	50 60 70 8	0
		Percent bel	ow <i>Basic</i> or at	Basic	Percent at Proficient	or Advanced	
1							

<sup>1</sup> Department of Defense Education Activity (overseas and domestic schools). NOTE: The bars above contain percentages of students in each NAEP reading achievement level. Achievement levels corresponding to each population of students are aligned at the point where the *NAEP proficient* category begins, so that they may be compared at *NAEP Proficient* and above. Detail may not sum to totals because of rounding. All differences were calculated and tested using unrounded numbers. The shaded bars are graphed using unrounded numbers. Significance tests used a multiple-comparison procedure based on all jurisdictions that participated. SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2019 Reading Assessment.

Figure 3-B

#### The Nation's Report Card 2019 State Assessment

Average scale scores in NAEP reading for eighth-grade public school students, percentage within each achievement level, and Kansas' percentage at or above NAEP Proficient compared with the nation and other participating jurisdictions: 2019

State/jurisdiction	0	Legend:	Below Basi	ic Basic	Proficient	Advanced	State/jurisdiction
1	score	Percentage at or a	above Profi	<i>cient</i> is higher thar	ı Kansas		]
Colorado	267		23	39	33	5	Colorado
Connecticut	270		22	36	35	6	Connecticut
DoDEA <sup>1</sup>	280		9	38	48	5	DoDEA <sup>1</sup>
Idaho	266		23	40	34	4	Idaho
Indiana	266		25	38	33	4	Indiana
Massachusetts	273		19	36	38	7	Massachusetts
New Hampshire	268		22	40	33	4	New Hampshire
New Jersey			23	34	34	9	New Jersey
Ohio	267		25	37	33	5	Ohio
Utah	267		23	40	33	4	Utah
Vermont			23	37	35	5	Vermont
Washington	266		26	36		6	Washington
Wisconsin			24	38	34	4	Wisconsin
		Percentage at or a	above Profi	<i>cient</i> is not signific	antly different fr	om Kansas	
KANSAS	263		26	42	30		KANSAS
NATION (Public)			28	39	29		NATION (Public)
Arizona			30	41	26 3	4	Arizona
Arkansas			32	39	26 3		Arkansas
California			32	38	26 4		California
Delaware	260		31	38	27 4		Delaware
Florida			28	38		4	Florida
Georgia			28	40	29		Georgia
•			32	38	26 3	4	Hawaii
Hawaii			26	38		5	Illinois
Illinois Iowa			20			5	
			27	41 39		3  4	lowa
Kentucky			27	40	32		Kentucky
Maine	265		25	37	32	4	Maine
Maryland						5	Maryland
Michigan			27	42	29		Michigan
Minnesota			26	40 41		4	Minnesota
Missouri			26			3	Missouri
Montana			24 26	42 40		3	Montana
Nebraska						3	Nebraska
Nevada			31	40 38	26 <mark>3</mark>	4	Nevada
New York			30			4	New York
North Carolina			28	39		4	North Carolina
North Dakota			25	43		2	North Dakota
Oregon			27	39	29	5	Oregon
Pennsylvania Bhada laland			27 29	38	30 30	5 5	Pennsylvania
Rhode Island				36		5	Rhode Island
South Carolina			31	39	27 3	0	South Carolina
South Dakota			26	42	29		South Dakota
Tennessee			27	41	28 4		Tennessee
Virginia			29 25	38 41	29 31	4	Virginia
Wyoming	265					3	Wyoming
	055	Percentage at or a		<i>cient</i> is lower than			
Alabama			36	40	22 2		Alabama
Alaska	252		37	40	21 2		Alaska
District of Columbia			42	35	19 4		District of Columbia
Louisiana			32	40	<u>25</u> 2		Louisiana
Mississippi			33	42	23 2		Mississippi
New Mexico			39	38	21 3		New Mexico
Oklahoma			29	46	25 1		Oklahoma
Texas	256		33	42	23 2		Texas
West Virginia	256		33	42	24 2		West Virginia
	10	00 90 80 70 6	50 50 40	30 20 10 0	) 10 20 30	40 50 60 70	⊣ 80
	10		50 50 40		0 10 20 30	+0 50 60 70	00
		Percent belo	ow <i>Basic</i> or	at Basic	Percent at Prof	ficient or Advanced	
1							

<sup>1</sup> Department of Defense Education Activity (overseas and domestic schools). NOTE: The bars above contain percentages of students in each NAEP reading achievement level. Achievement levels corresponding to each population of students are aligned at the point where the *NAEP proficient* category begins, so that they may be compared at *NAEP Proficient* and above. Detail may not sum to totals because of rounding. All differences were calculated and tested using unrounded numbers. The shaded bars are graphed using unrounded numbers. Significance tests used a multiple-comparison procedure based on all jurisdictions that participated. SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2019 Reading Assessment.

## **Reading Performance of Selected Student Groups**

This section of the report presents trend results for public school students in Kansas and the nation by demographic characteristics. Student performance data are reported for

- race/ethnicity
- gender
- student eligibility for the National School Lunch Program
- type of school location (for 2007, 2009, 2011, 2013, 2015, 2017 and 2019)
- parents' highest level of education

NAEP collects information on race/ethnicity, gender, and student eligibility for the National School Lunch Program eligibility from school records. Type of school location is based on standard definitions established by the Federal Office of Management and Budget using population and geographic information from the U.S. Census Bureau. Schools are assigned to these categories in the NCES Common Core of Data based on their physical address. The parents' highest level of education for grade 8 is derived from student questionnaires.

Results for each of the student groups are reported in tables that include the percentage of students in each group in the second column, and the average scale score in the third column. The columns to the right show the percentage of students below *NAEP Basic* and at or above each NAEP achievement level.

Results by students' race/ethnicity and gender include statements about score point differences between student groups (e.g., between White and Black or White and Hispanic students, or between male and female students) in 2019 and in the first assessment year. Because these differences are calculated using unrounded values, they may differ slightly from what would be obtained by subtracting the rounded values that appear in the tables. Statements indicating a narrowing or widening of the gap in students' scores are only made if the change in the gap from the first assessment year to 2019 was found to be statistically significant.

The reader is cautioned against making simple causal inferences about group differences, as a complex mix of educational and socioeconomic factors may affect student performance. NAEP collects information on many additional variables, including school and home factors related to achievement. This information is in an interactive database available on the NAEP website https://nces.ed.gov/nationsreportcard/naepdata/.

## Race/Ethnicity

Prior to 2011, student race/ethnicity was obtained from school records and reported for the six mutually exclusive categories shown below:

- White
- Black
- Hispanic
- Asian/Pacific Islander
- American Indian/Alaska Native
- Unclassified (not shown in tables)

Students who identified with more than one of the other five categories were classified as "Other" and were included as part of the "Unclassified" category along with students who had a background other than the ones listed or whose race/ethnicity could not be determined.

In compliance with new standards from the U.S. Office of Management and Budget for collecting and reporting data on race/ethnicity, additional information was collected in 2011 so that results could be reported separately for Asian students, Native Hawaiian/Other Pacific Islander students, and students identifying with two or more races. Beginning in 2011, all of the students participating in NAEP were identified as one of the seven racial/ethnic categories listed below:

- White
- Black or African American
- Hispanic
- Asian
- American Indian/Alaska Native
- Native Hawaiian/Other Pacific Islander
- Two or more races

As in earlier years, students identified as Hispanic were classified as Hispanic in 2011 and subsequent assessment years even if they were also identified with another racial/ethnic group. Students who identified with two or more of the other racial/ethnic groups (e.g., White and Black) would have been classified as "Other" and reported as part of the "Unclassified" category prior to 2011, and classified as "Two or More Races" since 2011. Results for these students are presented under the "Two or More Races" category in the graphics and tables in the reports.

When comparing the results for racial/ethnic groups since 2011 to earlier assessment years, the data for Asian and Native Hawaiian/Other Pacific Islander students were combined into the Asian/Pacific Islander category.

Tables 3-A and 3-B show percentage of students and average scale scores by NAEP achievement-level for public school students at grades 4 and 8 in Kansas and the nation, by race/ethnicity.

#### Grade 4 Average Scale Score Results by Race/Ethnicity

- In 2019, White students in Kansas had an average scale score that was higher than the average scale scores of Black and Hispanic students, but not significantly different from the average scale score of Asian/Pacific Islander students.
- In 2019, the average scale score of White students in Kansas was lower than their respective score in 2013, but not significantly different from their respective scores in 1998, 2002, 2003, 2005, 2007, 2009, 2011, 2015, and 2017.
- In 2019, the average scale score of Black students in Kansas was not significantly different from their respective scores in 1998, 2002, 2003, 2005, 2007, 2009, 2011, 2013, 2015, and 2017.
- In 2019, the average scale score of Hispanic students in Kansas was lower than their respective score in 2017, but not significantly different from their respective scores in 1998, 2002, 2003, 2005, 2007, 2009, 2011, 2013, and 2015.
- In 2019, the average scale score of Asian/Pacific Islander students in Kansas was not significantly different from their respective scores in 2005, 2007, 2009, 2011, 2013, 2015, and 2017.
- In 2019, Black students in Kansas had an average scale score that was lower than that of White students by 26 points. In 1998, the average scale score for Black students was lower than that of White students by 30 points.
- In 2019, Hispanic students in Kansas had an average scale score that was lower than that of White students by 16 points. In 1998, the average scale score for Hispanic students was lower than that of White students by 25 points.

#### Grade 4 NAEP Achievement-Level Results by Race/Ethnicity

- In 2019 in Kansas, the percentage of White students performing at or above *NAEP Proficient* was greater than the corresponding percentages of Black and Hispanic students, but not significantly different from the percentage of Asian/Pacific Islander students.
- In 2019, the percentages of White, Black, and Hispanic students in Kansas performing at or above *NAEP Proficient* were not significantly different from the percentages of their respective peers in 1998, 2002, 2003, 2005, 2007, 2009, 2011, 2013, 2015, and 2017.
- In 2019, the percentage of Asian/Pacific Islander students in Kansas performing at or above *NAEP Proficient* was not significantly different from the percentages of their respective peers in 2005, 2007, 2009, 2011, 2013, 2015, and 2017.

#### The Nation's Report Card 2019 State Assessment

Percentage of fourth-grade public school students, average scale score, and achievement-level results in NAEP reading, by race/ethnicity, year, and jurisdiction: Various years, 1998–2019

					Perc	ent	
Race/ethnicity, year, and jurisdiction		Percentage of students	Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
White							
1998 <sup>1</sup>	Nation (public)	69*	224*	30*	70*	36*	8*
	Kansas	80*	227	24	76	37	7
1998	Nation (public)	64*	223*	31*	69*	36*	9*
	Kansas	79*	227	25	75	37	7
2002	Nation (public)	60*	227*	26*	74*	39*	9*
	Kansas	77*	226	27	73	38	9
2003	Nation (public)	59*	227*	26*	74*	39*	10*
	Kansas	78*	225	29	71	37	9
2005	Nation (public)	57*	228*	25*	75*	39*	10*
	Kansas	74*	225	28	72	37	9
2007	Nation (public)	56*	230	23*	77*	42*	10*
	Kansas	73*	229	23*	77*	41	9
2009	Nation (public)	54*	229	23	77	41*	10*
	Kansas	70*	229	22	78	40	8
2011	Nation (public)	52*	230	23*	77*	42*	10*
	Kansas	68*	229	24	76	42	10
2013	Nation (public)	51*	231*	21*	79*	45	11
	Kansas	67	230*	22*	78*	44	10
2015	Nation (public)	49*	232*	21*	79*	46	11
	Kansas	64	227	26	74	42	11
2017	Nation (public)	47*	231*	22*	78*	46*	12
	Kansas	64	228	25	75	43	10
2019	Nation (public)	46	229	24	76	44	12
	Kansas	63	225	28	72	40	9

#### The Nation's Report Card 2019 State Assessment

Percentage of fourth-grade public school students, average scale score, and achievement-level results in NAEP reading, by race/ethnicity, year, and jurisdiction: Various years, 1998–2019—Continued

					Perc	ent	
Race/ethnicity, year, and jurisdiction		Percentage of students	Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
Black							
1998 <sup>1</sup>	Nation (public)	17*	192*	66*	34*	9*	1*
	Kansas	11*	193	61	39	13	1
1998	Nation (public)	16	192*	66*	34*	10*	1*
	Kansas	11*	197	56	44	15	2
2002	Nation (public)	18*	198*	61*	39*	12*	1*
	Kansas	8	206	51	49	17	1
2003	Nation (public)	17*	197*	61*	39*	12*	2*
	Kansas	10*	197	60	40	14	2
2005	Nation (public)	17*	199*	59*	41*	12*	2*
	Kansas	8	196	60	40	10	#
2007	Nation (public)	17*	203	54	46	14*	2*
	Kansas	8	208	48	52	18	2
2009	Nation (public)	16*	204	53	47	15*	2*
	Kansas	10*	210	44	56	20	2
2011	Nation (public)	16	205*	51	49	16	2
	Kansas	7	204	54	46	18	3
2013	Nation (public)	15	205*	50	50	17	2
	Kansas	7	200	53	47	17	2
2015	Nation (public)	15	206*	49*	51*	18	2
	Kansas	7	198	56	44	15	2
2017	Nation (public)	15	205*	50	50	19	3
	Kansas	7	202	53	47	17	1
2019	Nation (public)	15	203	53	47	18	3
	Kansas	6	199	54	46	15	2

#### The Nation's Report Card 2019 State Assessment

Percentage of fourth-grade public school students, average scale score, and achievement-level results in NAEP reading, by race/ethnicity, year, and jurisdiction: Various years, 1998–2019—Continued

					Perc	ent	
Race/ethnicity	Race/ethnicity, year, and jurisdiction		Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
Hispanic							
1998 <sup>1</sup>	Nation (public)	10*	194*	62*	38*	12*	2*
	Kansas	6*	215	36	64	27	2
1998	Nation (public)	14*	192*	64*	36*	12*	2*
	Kansas	7*	201	47	53	22	3
2002	Nation (public)	17*	199*	57*	43*	14*	2*
	Kansas	11*	205	51	49	15	1
2003	Nation (public)	18*	199*	57*	43*	14*	2*
	Kansas	8*	207	49	51	19	3
2005	Nation (public)	19*	201*	56*	44*	15*	2*
	Kansas	11*	203	54	46	14	2
2007	Nation (public)	20*	204*	51*	49*	17*	3*
	Kansas	13*	209	46	54	19	3
2009	Nation (public)	21*	204*	52*	48*	16*	2*
	Kansas	14*	210	45	55	20	2
2011	Nation (public)	23*	205*	50*	50*	18*	2*
	Kansas	16*	209	45	55	19	2
2013	Nation (public)	25*	207	48	52	19*	3*
	Kansas	17*	208	45	55	20	3
2015	Nation (public)	26*	208	46	54	21	3
	Kansas	21	208	46	54	20	4
2017	Nation (public)	27	208	46	54	22	4
	Kansas	19	216*	38	62	28	5
2019	Nation (public)	28	208	46	54	23	4
	Kansas	22	208	45	55	21	3

#### The Nation's Report Card 2019 State Assessment

Percentage of fourth-grade public school students, average scale score, and achievement-level results in NAEP reading, by race/ethnicity, year, and jurisdiction: Various years, 1998–2019—Continued

					Perc	ent	
Race/ethnicit jurisdiction	Race/ethnicity, year, and jurisdiction		Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
Asian/Pacific	Asian/Pacific Islander						
1998 <sup>1</sup>	Nation (public)	2*	218*	39*	61*	31*	10*
	Kansas	1*	‡	‡	+	‡	‡
1998	Nation (public)	4	211*	45*	55*	27*	10*
	Kansas	2*	‡	‡	+	‡	‡
2002	Nation (public)	4*	223*	31*	69*	36*	9*
	Kansas	2	‡	‡	+	+	‡
2003	Nation (public)	4*	225*	31*	69*	37*	11*
	Kansas	2*	‡	‡	‡	‡	‡
2005	Nation (public)	4*	227*	28*	72*	40*	12*
	Kansas	2	238	22	78	55	21
2007	Nation (public)	5*	231*	24*	76*	45*	14*
	Kansas	3	229	27	73	42	16
2009	Nation (public)	5	234	21	79	48*	17*
	Kansas	2	234	21	79	50	13
2011	Nation (public)	5	234	21	79	49*	17
	Kansas	3	228	27	73	43	15
2013	Nation (public)	5	235	21	79	51	18
	Kansas	4	229	24	76	47	14
2015	Nation (public)	5	238	19	81	53	19
	Kansas	3	237	17	83	52	17
2017	Nation (public)	6	238	18	82	56	21
	Kansas	3	236	24	76	52	19
2019	Nation (public)	5	237	20	80	55	21
	Kansas	3	225	24	76	45	8

#### The Nation's Report Card 2019 State Assessment

Percentage of fourth-grade public school students, average scale score, and achievement-level results in NAEP reading, by race/ethnicity, year, and jurisdiction: Various years, 1998–2019—Continued

Race/ethnicity, year, and jurisdiction		Percentage of students	Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
American Ind	lian/Alaska Native						
1998 <sup>1</sup>	Nation (public)	1	‡	‡	‡	‡	‡
	Kansas	1	‡	‡	‡	+	+
1998	Nation (public)	1	‡	‡	‡	+	+
	Kansas	1	‡	‡	‡	+	‡
2002	Nation (public)	1*	207	49	51	22	5
	Kansas	1	‡	‡	‡	‡	+
2003	Nation (public)	1*	202	53	47	16	2
	Kansas	1	‡	‡	‡	‡	‡
2005	Nation (public)	1*	205	51	49	19	3
	Kansas	2	‡	‡	‡	‡	‡
2007	Nation (public)	1	206	49	51	20	4
	Kansas	2*	‡	‡	‡	‡	‡
2009	Nation (public)	1*	206	48	52	22	5
	Kansas	1	‡	‡	‡	‡	‡
2011	Nation (public)	1*	204	51	49	19	4
	Kansas	1	‡	‡	‡	‡	‡
2013	Nation (public)	1*	206	48	52	22	4
	Kansas	1	‡	‡	‡	‡	‡
2015	Nation (public)	1	206	47	53	22	4
	Kansas	1	‡	‡	‡	‡	‡
2017	Nation (public)	1	203	51	49	21	3
	Kansas	1	‡	‡	‡	‡	‡
2019	Nation (public)	1	204	50	50	20	3
	Kansas	1	‡	‡	‡	‡	‡

# Rounds to zero.

‡ Reporting standards not met.

\* Value is significantly different (p < .05) from the value for the same jurisdiction and student group in 2019.

<sup>1</sup> Accommodations were not permitted for this assessment.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 1998–2019 Reading Assessments.

NOTE: The NAEP grade 4 reading scale ranges from 0 to 500. NAEP Achievement levels correspond to the following points on the NAEP reading scales: below *NAEP Basic*, 207 or lower; *NAEP Basic*, 208–237; *NAEP Proficient*, 238–267; and *NAEP Advanced*, 268 or above. At or above *NAEP Basic* includes *NAEP Basic*, *NAEP Proficient*, and *NAEP Advanced*. At or above *NAEP Basic* includes *NAEP Proficient* includes *NAEP Proficient* and *NAEP Advanced*. Black includes African American, Hispanic includes Latino, and Pacific Islander includes Native Hawaiian. Race categories exclude Hispanic origin. Detail may not sum to totals because of rounding. All differences were calculated and tested using unrounded numbers.

#### Grade 8 Average Scale Score Results by Race/Ethnicity

- In 2019, White students in Kansas had an average scale score that was higher than the average scale scores of Black and Hispanic students.
- In 2019, the average scale score of White students in Kansas was lower than their respective scores in 2002, 2007, 2009, 2011, 2013, 2015, and 2017, but not significantly different from their respective scores in 1998, 2003, and 2005.
- In 2019, the average scale scores of Black and Hispanic students in Kansas were not significantly different from their respective scores in 1998, 2002, 2003, 2005, 2007, 2009, 2011, 2013, 2015, and 2017.
- In 2019, Black students in Kansas had an average scale score that was lower than that of White students by 24 points. In 1998, the average scale score for Black students was lower than that of White students by 22 points.
- In 2019, Hispanic students in Kansas had an average scale score that was lower than that of White students by 13 points. This performance gap was narrower than that of 1998 (31 points).

### Grade 8 NAEP Achievement-Level Results by Race/Ethnicity

- In 2019 in Kansas, the percentage of White students performing at or above *NAEP Proficient* was greater than the corresponding percentages of Black and Hispanic students.
- In 2019, the percentages of White and Black students in Kansas performing at or above *NAEP Proficient* were not significantly different from the percentages of their respective peers in 1998, 2002, 2003, 2005, 2007, 2009, 2011, 2013, 2015, and 2017.
- In 2019, the percentage of Hispanic students in Kansas performing at or above *NAEP Proficient* was greater than the percentages of their respective peers in 1998 and 2005, but not significantly different from the percentages of their respective peers in 2002, 2003, 2007, 2009, 2011, 2013, 2015, and 2017.

Table 3-B

#### The Nation's Report Card 2019 State Assessment

Percentage of eighth-grade public school students, average scale score, and achievement-level results in NAEP reading, by race/ethnicity, year, and jurisdiction: Various years, 1998–2019

				Percent			
Race/ethnicity, year, and jurisdiction		Percentage of students	Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
White							
1998 <sup>1</sup>	Nation (public)	68*	269	20	80	38*	3*
	Kansas	84*	271	16	84	39	3
1998	Nation (public)	68*	268*	21	79	37*	3*
	Kansas	83*	272	14*	86*	40	3
2002	Nation (public)	64*	271	17*	83*	39*	3*
	Kansas	82*	273*	15*	85*	42	4
2003	Nation (public)	61*	270	18*	82*	39*	4*
	Kansas	80*	271	18	82	40	4
2005	Nation (public)	60*	269*	19	81	37*	3*
	Kansas	77*	271	18	82	39	4
2007	Nation (public)	58*	270	17*	83*	38*	3*
	Kansas	77*	272*	14*	86*	40	2
2009	Nation (public)	57*	271	17*	83*	39*	3*
	Kansas	73*	272*	14*	86*	39	2
2011	Nation (public)	54*	272	16*	84*	41	4*
	Kansas	70*	272*	16	84	41	3
2013	Nation (public)	53*	275*	15*	85*	44*	5
	Kansas	68*	272*	16	84	42	3
2015	Nation (public)	51*	273*	16*	84*	42	4
	Kansas	66	272*	15*	85*	41	3
2017	Nation (public)	50*	274*	17*	83*	44*	5
	Kansas	65	273*	17	83	42	4
2019	Nation (public)	48	271	19	81	41	5
	Kansas	63	268	21	79	37	3

Table 3-B

#### The Nation's Report Card 2019 State Assessment

Percentage of eighth-grade public school students, average scale score, and achievement-level results in NAEP reading, by race/ethnicity, year, and jurisdiction: Various years, 1998–2019—Continued

				Percent			
Race/ethnicity, year, and jurisdiction		Percentage of students	Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
Black							
1998 <sup>1</sup>	Nation (public)	15	241	51	49	11*	#
	Kansas	8	252	40	60	17	1
1998	Nation (public)	16*	242	50	50	11	#
	Kansas	8	249	40	60	20	1
2002	Nation (public)	15	244	46	54	13*	#
	Kansas	8	244	46	54	12	1
2003	Nation (public)	17*	244	47	53	12*	#*
	Kansas	9	243	47	53	10	#
2005	Nation (public)	17*	242*	49*	51*	11*	#*
	Kansas	8	247	44	56	15	1
2007	Nation (public)	17*	244	46	54	12*	#*
	Kansas	8	246	41	59	12	#
2009	Nation (public)	16*	245	44	56	13*	#*
	Kansas	9	248	43	57	14	1
2011	Nation (public)	16*	248*	42*	58*	14	1
	Kansas	7	248	42	58	15	1
2013	Nation (public)	15	250*	40*	60*	16	1
	Kansas	8	244	46	54	13	#
2015	Nation (public)	15	247*	42*	58*	15	1
	Kansas	8	246	43	57	14	1
2017	Nation (public)	15	248*	41*	59*	17*	1
	Kansas	7	246	46	54	19	1
2019	Nation (public)	15	244	47	53	15	1
	Kansas	7	244	47	53	13	#

Table 3-B

### The Nation's Report Card 2019 State Assessment

Percentage of eighth-grade public school students, average scale score, and achievement-level results in NAEP reading, by race/ethnicity, year, and jurisdiction: Various years, 1998–2019—Continued

					Perc	ent	
Race/ethnicity jurisdiction	Race/ethnicity, year, and jurisdiction		Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
Hispanic							
1998 <sup>1</sup>	Nation (public)	12*	243*	47	53	14*	#*
	Kansas	5*	248	36	64	15	#
1998	Nation (public)	12*	241*	48*	52*	13*	#*
	Kansas	6*	241	43	57	11*	#
2002	Nation (public)	15*	245*	44*	56*	14*	#*
	Kansas	7*	253	39	61	23	1
2003	Nation (public)	15*	244*	46*	54*	14*	1*
	Kansas	7*	245	45	55	17	1
2005	Nation (public)	17*	245*	45*	55*	14*	1*
	Kansas	9*	249	40	60	14*	1
2007	Nation (public)	18*	246*	43*	57*	14*	1*
	Kansas	10*	248	41	59	17	#
2009	Nation (public)	20*	248*	41	59	16*	1*
	Kansas	13*	250	39	61	16	1
2011	Nation (public)	22*	251	37	63	18*	1*
	Kansas	14*	254	34	66	19	#
2013	Nation (public)	23*	255*	33*	67*	21	1
	Kansas	16	254	34	66	20	1
2015	Nation (public)	25*	253	35*	65*	20	1
	Kansas	18	254	34	66	20	1
2017	Nation (public)	25*	255*	34*	66*	22	1
	Kansas	19	257	32	68	25	2
2019	Nation (public)	27	251	38	62	21	1
	Kansas	21	255	34	66	24	1

Table 3-B

### The Nation's Report Card 2019 State Assessment

Percentage of eighth-grade public school students, average scale score, and achievement-level results in NAEP reading, by race/ethnicity, year, and jurisdiction: Various years, 1998–2019—Continued

					Perc	ent	
Race/ethnicit	Race/ethnicity, year, and jurisdiction		Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
Asian/Pacific	Asian/Pacific Islander						
1998 <sup>1</sup>	Nation (public)	3*	265	25	75	32*	3*
	Kansas	2	‡	‡	+	‡	‡
1998	Nation (public)	4*	261	27	73	30*	3*
	Kansas	2	‡	‡	+	+	‡
2002	Nation (public)	4*	265*	25*	75*	34*	3*
	Kansas	2	‡	‡	+	‡	‡
2003	Nation (public)	4*	268*	22*	78*	38*	5*
	Kansas	3	266	25	75	35	5
2005	Nation (public)	4*	270*	21*	79*	39*	5*
	Kansas	2	‡	‡	‡	‡	‡
2007	Nation (public)	5*	269*	21*	79*	40*	5*
	Kansas	2	‡	‡	‡	‡	‡
2009	Nation (public)	5*	273*	18	82	44*	6*
	Kansas	2	272	17	83	36	4
2011	Nation (public)	5*	275*	18	82	46*	8*
	Kansas	3	269	24	76	46	7
2013	Nation (public)	5*	279	15	85	50	9
	Kansas	2	272	20	80	44	9
2015	Nation (public)	6	279	15	85	50	9
	Kansas	3	287	13	87	58	17
2017	Nation (public)	6	281	15	85	54	11
	Kansas	3	283	17	83	54	15
2019	Nation (public)	6	281	15	85	54	12
	Kansas	3	‡	‡	‡	‡	‡

Table 3-B

#### The Nation's Report Card 2019 State Assessment

Percentage of eighth-grade public school students, average scale score, and achievement-level results in NAEP reading, by race/ethnicity, year, and jurisdiction: Various years, 1998–2019—Continued

				Percent				
Race/ethnicit jurisdiction	y, year, and	Percentage of students	Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced	
American Ind	American Indian/Alaska Native							
1998 <sup>1</sup>	Nation (public)	#	‡	‡	‡	‡	‡	
	Kansas	1	‡	‡	‡	+	‡	
1998	Nation (public)	#*	‡	+	+	+	+	
	Kansas	1	‡	+	+	+	+	
2002	Nation (public)	1	252	36	64	18	1	
	Kansas	1	‡	‡	‡	+	‡	
2003	Nation (public)	1*	248	41	59	18	1	
	Kansas	1	‡	‡	‡	‡	‡	
2005	Nation (public)	1*	251	39	61	18	1	
	Kansas	2	‡	‡	‡	‡	‡	
2007	Nation (public)	1*	248	42	58	19	2	
	Kansas	2	‡	‡	‡	‡	‡	
2009	Nation (public)	1*	252	37	63	21	2	
	Kansas	2	258	31	69	25	2	
2011	Nation (public)	1	253	36	64	22	2	
	Kansas	1	‡	‡	‡	‡	‡	
2013	Nation (public)	1*	252	37	63	19	1	
	Kansas	1	‡	‡	‡	‡	‡	
2015	Nation (public)	1	253	36	64	22	2	
	Kansas	1	‡	‡	‡	‡	‡	
2017	Nation (public)	1	253	37	63	22	1	
	Kansas	1	‡	‡	‡	‡	‡	
2019	Nation (public)	1	249	40	60	20	1	
	Kansas	1	‡	‡	‡	‡	‡	

# Rounds to zero.

‡ Reporting standards not met.

\* Value is significantly different (p < .05) from the value for the same jurisdiction and student group in 2019.

<sup>1</sup> Accommodations were not permitted for this assessment.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 1998–2019 Reading Assessments.

NOTE: The NAEP grade 8 reading scale ranges from 0 to 500. NAEP Achievement levels correspond to the following points on the NAEP reading scales: below *NAEP Basic*, 242 or lower; *NAEP Basic*, 243–280; *NAEP Proficient*, 281–322; and *NAEP Advanced*, 323 or above. At or above *NAEP Basic* includes *NAEP Basic*, *NAEP Proficient*, and *NAEP Advanced*. At or above *NAEP Proficient* includes *NAEP Proficient* and *NAEP Advanced*. Black includes African American, Hispanic includes Latino, and Pacific Islander includes Native Hawaiian. Race categories exclude Hispanic origin. Detail may not sum to totals because of rounding. All differences were calculated and tested using unrounded numbers.

#### NAEP 2019 Reading Report for Kansas

Tables 4-A and 4-B show percentage of students and average scale scores by NAEP achievement-level data for the seven racial/ethnic categories used since 2011: White, Black, Hispanic, Asian, American Indian/Alaska Native, Native Hawaiian/Other Pacific Islander, and Two or More Races at grades 4 and 8 in Kansas and the nation.

Table 4-A

# The Nation's Report Card 2019 State Assessment

Percentage of fourth-grade public school students, average scale score, and achievement-level results in NAEP reading, by race/ethnicity, year, and jurisdiction: Various years, 2011–2019

				Percent				
						At or above	At	
Race/ethnicit jurisdiction	y, year, and	Percentage of students	Average scale score	Below NAEP Basic	At or above NAEP Basic	NAEP Proficient	NAEP Advanced	
White								
2011	Nation (public)	52*	230	23*	77*	42*	10*	
	Kansas	68*	229	24	76	42	10	
2013	Nation (public)	51*	231*	21*	79*	45	11	
	Kansas	67	230*	22*	78*	44	10	
2015	Nation (public)	49*	232*	21*	79*	46	11	
	Kansas	64	227	26	74	42	11	
2017	Nation (public)	47*	231*	22*	78*	46*	12	
	Kansas	64	228	25	75	43	10	
2019	Nation (public)	46	229	24	76	44	12	
	Kansas	63	225	28	72	40	9	
Black								
2011	Nation (public)	16	205*	51	49	16	2	
	Kansas	7	204	54	46	18	3	
2013	Nation (public)	15	205*	50	50	17	2	
	Kansas	7	200	53	47	17	2	
2015	Nation (public)	15	206*	49*	51*	18	2	
	Kansas	7	198	56	44	15	2	
2017	Nation (public)	15	205*	50	50	19	3	
	Kansas	7	202	53	47	17	1	
2019	Nation (public)	15	203	53	47	18	3	
2019	Kansas	6	199	54	46	15	2	
Hispanic	Ranodo	Ū	199	51	10	15	2	
2011	Nation (public)	23*	205*	50*	50*	18*	2*	
2011	Kansas	16*	209	45	55	19	2	
2013	Nation (public)	25*	205	48	52	19*	3*	
2015	Kansas	17*	207	45	55	20	3	
2015	Nation (public)	26*	208	46	54	20	3	
2015	Kansas	20	208	46	54	20	4	
2017	Nation (public)	27	208	40	54	20	4	
2017	Kansas	19	216*	38	62	28	5	
2019	Nation (public)	28	208	46	54	23	4	
2015	Kansas	22	208	40	55	21	3	
Asian	1/011505	22	200	45	55	21	J	
2011	Nation (public)	5	236	19	81	51*	18	
2011	Kansas	3	230	27	73	44	16	
2012	Nation (public)	5				53		
2013			237	19	81		18	
2015	Kansas	3 F	228	24	76	46	13 21	
2015	Nation (public)	5	240	17	83	56		
2017	Kansas	3	237	17	83	51	16	
2017	Nation (public)	5	241	16	84	59	22	
2010	Kansas	3	+	\$	\$	+	+	
2019	Nation (public)	5	239	18	82	57	22	
See notes at end o	Kansas	3	‡	‡	‡	‡	+	

Table **4-**A

#### The Nation's Report Card 2019 State Assessment

Percentage of fourth-grade public school students, average scale score, and achievement-level results in NAEP reading, by race/ethnicity, year, and jurisdiction: Various years, 2011–2019—Continued

					Perc	ent	
Race/ethnicit	y, year, and	Percentage of students	Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
American Ind	ian/Alaska Native						
2011	Nation (public)	1*	204	51	49	19	4
	Kansas	1	‡	‡	‡	‡	‡
2013	Nation (public)	1*	206	48	52	22	4
	Kansas	1	‡	‡	‡	‡	‡
2015	Nation (public)	1	206	47	53	22	4
	Kansas	1	‡	‡	‡	‡	‡
2017	Nation (public)	1	203	51	49	21	3
	Kansas	1	‡	‡	‡	‡	‡
2019	Nation (public)	1	204	50	50	20	3
	Kansas	1	‡	‡	‡	+	‡
Native Hawai Islander	ian/Other Pacific						
2011	Nation (public)	#	214	40	60	27	5
	Kansas	#	‡	‡	‡	‡	‡
2013	Nation (public)	#	210	44	56	25	5
	Kansas	#	‡	‡	‡	‡	‡
2015	Nation (public)	#	212	42	58	26	5
	Kansas	#	‡	‡	‡	‡	‡
2017	Nation (public)	#	210	44	56	26	4
	Kansas	#	‡	‡	‡	‡	‡
2019	Nation (public)	#	209	45	55	24	4
	Kansas	#	‡	‡	‡	‡	‡
Two or More	Races						
2011	Nation (public)	2*	225	29	71	37	10
	Kansas	4	225	27	73	38	8
2013	Nation (public)	3*	225	29	71	39	10
	Kansas	5	224	28	72	40	8
2015	Nation (public)	3*	226	28	72	38	10
	Kansas	5	218	35	65	33	9
2017	Nation (public)	4*	226	28	72	40	11
	Kansas	6	220	31	69	29	6
2019	Nation (public)	4	225	28	72	40	11
	Kansas	5	220	32	68	34	6

# Rounds to zero.

‡ Reporting standards not met.

\* Value is significantly different (p < .05) from the value for the same jurisdiction and student group in 2019. NOTE: The NAEP grade 4 reading scale ranges from 0 to 500. NAEP Achievement levels correspond to the following points on the NAEP reading scales: below *NAEP Basic*, 207 or lower; *NAEP Basic*, 208–237; *NAEP Proficient*, 238–267; and *NAEP Advanced*, 268 or above. At or above *NAEP Basic* includes *NAEP Basic*, *NAEP Basic*, *NAEP Basic*, *NAEP Proficient*, 238–267; and *NAEP Advanced*, 268 or above. At or above *NAEP Basic* includes *NAEP Basic*, *NAEP B* Advanced. At or above NAEP Proficient includes NAEP Proficient and NAEP Advanced. Black includes African American and Hispanic includes Latino. Race categories exclude Hispanic origin. Detail may not sum to totals because of rounding. All differences were calculated and tested using unrounded numbers.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 2011-2019 Reading Assessments.

Table 4-B

# The Nation's Report Card 2019 State Assessment

Percentage of eighth-grade public school students, average scale score, and achievement-level results in NAEP reading, by race/ethnicity, year, and jurisdiction: Various years, 2011–2019

				Perce	ent	
/ear, and	Percentage of students	Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
Nation (public)	54*	272	16*	84*	41	4*
	_					3
	_					5
N 7						3
						4
	_			-		3
			_			5
						4
						5
Kansas	63	268	21	79	37	3
	1.04	0.40t	10+	Fot		4
-1 -						1
						1
						1
						#
						1
						1
Nation (public)						1
Kansas			46			1
Nation (public)	15	244	47	53	15	1
Kansas	7	244	47	53	13	#
Nation (public)		251	37	63	18*	1*
Kansas	14*	254	34	66	19	#
Nation (public)	23*	255*	33*	67*	21	1
Kansas	16	254	34	66	20	1
Nation (public)	25*	253	35*	65*	20	1
Kansas	18	254	34	66	20	1
Nation (public)	25*	255*	34*	66*	22	1
Kansas	19	257	32	68	25	2
Nation (public)	27	251	38	62	21	1
	21	255	34	66	24	1
Nation (public)	5*	277*	16	84	48*	8*
						7
						10
						10
						10
						+
						12
Kansas	3	285	17	87	58	17
1/011202						
Nation (public)	6	284	13	87	56	13
	Nation (public) Kansas Nation (public) Kansas Nation (public) Kansas Nation (public) Kansas Nation (public) Kansas Nation (public) Kansas Nation (public) Kansas Nation (public) Kansas Nation (public) Kansas Nation (public) Kansas	of students           Nation (public)         54*           Kansas         70*           Nation (public)         53*           Kansas         68*           Nation (public)         51*           Kansas         66           Nation (public)         50*           Kansas         66           Nation (public)         50*           Kansas         65           Nation (public)         48           Kansas         63           Nation (public)         16*           Kansas         7           Nation (public)         15           Kansas         8           Nation (public)         15           Kansas         7           Nation (public)         15           Kansas         7           Nation (public)         15           Kansas         7           Nation (public)         22*           Kansas         16           Nation (public)         23*           Kansas         16           Nation (public)         25*           Kansas         18           Nation (public)         25*           Kansas	of studentsscale scoreNation (public)54*272Kansas70*272*Nation (public)53*275*Kansas68*272*Nation (public)51*273*Kansas66272*Nation (public)50*274*Kansas66272*Nation (public)50*274*Kansas65273*Nation (public)48271Kansas63268Nation (public)16*248*Kansas7248Nation (public)15250*Kansas8244Nation (public)15247*Kansas8246Nation (public)15248*Kansas7248Nation (public)15244*Kansas7246Nation (public)15244*Kansas7246Nation (public)22*251Kansas16*254*Nation (public)25*253Kansas18254Nation (public)25*255*Kansas19257Nation (public)27251Kansas3269Nation (public)5*280*Kansas3269Nation (public)5*280*Kansas3269Nation (public)5*280Kansas3269Nat	Antoof studentsscale scoreNAEP BasicNation (public)54*27216*Kansas70*272*16Nation (public)53*275*15*Kansas68*272*16Nation (public)51*273*16*Kansas66272*15*Nation (public)50*274*17*Kansas665273*17Nation (public)4827119Kansas6326821Nation (public)16*248*42*Kansas724842Nation (public)15250*40*Kansas824446Nation (public)15247*43Kansas724646Nation (public)15244*47Kansas724646Nation (public)15244*47Kansas724646Nation (public)15244*47Kansas724634Nation (public)23*255*33*Kansas14*25434Nation (public)25*255*34*Kansas1825434Nation (public)2725138Kansas1925732Nation (public)5*280*14Kansas2277*16Kansas326924	year, andPercentage fstudentAverage scale scaleBelow NAEP BasicAtt or above NAEP BasicNation (public)54*27216*84*Nation (public)53*275*116*84*Nation (public)53*275*16*84*Nation (public)51*273*16*84*Nation (public)50*274*115*85*Nation (public)50*274*115*83*Kansas66272*15*85*Nation (public)50*274*117*83Kansas65273*117*83Nation (public)50*274*119*81Kansas65273*119*81Kansas65273*119*81Kansas65273*119*81Kansas65273*140*58*Nation (public)15*240*40*Kansas824440554*Nation (public)15*244*44*Kansas7*246*34*65*Nation (public)15*244*34*65*Nation (public)22**255*33*65*Nation (public)25**255*34*66*Nation (public)25**255*34*66*Nation (public)25**255*34*66*Nation (public)25**255*34*66*Nati	PercentageAverageBelowAt or aboveAt or aboveAt or aboveAt or aboveAt or aboveAt or aboveAt or aboveProficientNation (public)54*272*16*84*411Mation (public)53*272*115*85*44*Nation (public)53*272*16*84*422Mation (public)51*273*115*85*44*Mation (public)51*273*115*84*422Mation (public)50*272*115*84*44*Mation (public)50*273*17*83*44*Mation (public)50*273*17*83*44*Mation (public)63*273*17*83*44*Mation (public)16*248*42*58*11*Mation (public)16*248*442*58*14*Kansas82444665413*Mation (public)15247*44*59*11*Mation (public)15244*44654*13*Mation (public)15*244*44654*13*Mation (public)15*244*44654*13*Mation (public)22*25*33*67*21*Mation (public)24*25*33*67*21*Mation (public)24*34*66*22*Mation (public)25*25*33*<

Table **4-B** 

#### The Nation's Report Card 2019 State Assessment

Percentage of eighth-grade public school students, average scale score, and achievement-level results in NAEP reading, by race/ethnicity, year, and jurisdiction: Various years, 2011–2019—Continued

				Percent				
Race/ethnicit	y, year, and	Percentage of students	Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced	
American Ind	ian/Alaska Native							
2011	Nation (public)	1	253	36	64	22	2	
	Kansas	1	‡	‡	‡	+	‡	
2013	Nation (public)	1*	252	37	63	19	1	
	Kansas	1	‡	‡	‡	+	‡	
2015	Nation (public)	1	253	36	64	22	2	
	Kansas	1	‡	‡	‡	+	‡	
2017	Nation (public)	1	253	37	63	22	1	
	Kansas	1	‡	‡	‡	+	‡	
2019	Nation (public)	1	249	40	60	20	1	
	Kansas	1	‡	‡	‡	+	‡	
Native Hawai Islander	ian/Other Pacific							
2011	Nation (public)	#	251	39	61	21	2	
	Kansas	#	‡	‡	‡	+	‡	
2013	Nation (public)	#	258	31	69	27	1	
	Kansas	#	‡	‡	‡	+	‡	
2015	Nation (public)	#	254	35	65	23	2	
	Kansas	#	‡	‡	‡	+	‡	
2017	Nation (public)	#	254	36	64	23	2	
	Kansas	#	‡	‡	‡	+	‡	
2019	Nation (public)	#	252	38	62	24	2	
	Kansas	#	‡	‡	‡	+	‡	
Two or More	Races							
2011	Nation (public)	2*	267	23	77	36	4	
	Kansas	4*	264	22	78	29	3	
2013	Nation (public)	2*	269*	21	79	38	5	
	Kansas	4	265	23	77	32	3	
2015	Nation (public)	2*	267	23	77	36	4	
	Kansas	4	258	31	69	23	3	
2017	Nation (public)	3*	270*	20*	80*	40	5	
	Kansas	5	260	28	72	26	2	
2019	Nation (public)	3	266	24	76	35	5	
	Kansas	5	256	33	67	27	2	

# Rounds to zero.

‡ Reporting standards not met.

\* Value is significantly different (p < .05) from the value for the same jurisdiction and student group in 2019. NOTE: The NAEP grade 8 reading scale ranges from 0 to 500. NAEP Achievement levels correspond to the following points on the NAEP reading scales: below *NAEP Basic*, 242 or lower; *NAEP Basic*, 243–280; *NAEP Proficient*, 281–322; and *NAEP Advanced*, 323 or above. At or above *NAEP Basic* includes *NAEP Basic*, *NAEP Basic*, *NAEP Basic*, *NAEP Proficient*, 281–322; and *NAEP Advanced*, 323 or above. At or above *NAEP Basic* includes *NAEP Basic*, *NAEP B* Advanced. At or above NAEP Proficient includes NAEP Proficient and NAEP Advanced. Black includes African American and Hispanic includes Latino. Race categories exclude Hispanic origin. Detail may not sum to totals because of rounding. All differences were calculated and tested using unrounded numbers.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 2011-2019 Reading Assessments.

# Gender

Results are reported separately for male and female students.

Tables 5-A and 5-B show percentage of students and average scale scores by NAEP achievement-level data for public school students at grades 4 and 8 in Kansas and the nation, by gender.

#### Grade 4 Average Scale Score Results by Gender

- In 2019, male students in Kansas had an average scale score in reading (215) that was lower than that of female students (223). In 1998, male students in Kansas had an average scale score in reading (218) that was lower than that of female students (225).
- In 2019, male students in Kansas had an average scale score in reading (215) that was not significantly different from that of male students in public schools across the nation (216). Similarly, female students in Kansas had an average scale score (223) that was not significantly different from that of female students across the nation (223).
- In Kansas, the average scale score of male students in 2019 was lower than the scores of male students in 2007, 2009, 2011, 2013, and 2017, but not significantly different from the scores of male students in 1998, 2002, 2003, 2005, and 2015.
- In Kansas, the average scale score of female students in 2019 was lower than the scores of female students in 2007 and 2011, but not significantly different from the scores of female students in 1998, 2002, 2003, 2005, 2009, 2013, 2015, and 2017.

#### Grade 4 NAEP Achievement-Level Results by Gender

- In the 2019 assessment, 30 percent of male students and 37 percent of female students performed at or above *NAEP Proficient* in Kansas. The difference between these percentages was statistically significant.
- The percentage of male students in Kansas' public schools who were at or above *NAEP Proficient* in 2019 (30 percent) was not significantly different from that of male students in the nation (31 percent).
- The percentage of female students in Kansas' public schools who were at or above *NAEP Proficient* in 2019 (37 percent) was not significantly different from that of female students in the nation (37 percent).
- In Kansas, the percentage of male students performing at or above *NAEP Proficient* in 2019 was not significantly different from the corresponding percentages of students in 1998, 2002, 2003, 2005, 2007, 2009, 2011, 2013, 2015, and 2017.
- In Kansas, the percentage of female students performing at or above *NAEP Proficient* in 2019 was not significantly different from the corresponding percentages of students in 1998, 2002, 2003, 2005, 2007, 2009, 2011, 2013, 2015, and 2017.

Table 5-A

### The Nation's Report Card 2019 State Assessment

Percentage of fourth-grade public school students, average scale score, and achievement-level results in NAEP reading, by gender, year, and jurisdiction: Various years, 1998–2019

					Perc	ent	
Gender, year,	Gender, year, and jurisdiction		Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
Male							
1998 <sup>1</sup>	Nation (public)	50	212*	43*	57*	27*	6*
	Kansas	53	219	33	67	29	4
1998	Nation (public)	50	210*	45*	55*	25*	5*
	Kansas	53	218	35	65	29	5
2002	Nation (public)	51	214*	41*	59*	26*	5*
	Kansas	50	218	35	65	29	5
2003	Nation (public)	51	213*	42*	58*	26*	6*
	Kansas	52	216	38	62	29	6
2005	Nation (public)	50*	214*	41*	59*	27*	6*
	Kansas	50	218	36	64	30	6
2007	Nation (public)	50*	216	38	62	29*	6*
	Kansas	49	221*	32*	68*	33	6
2009	Nation (public)	51	216	38	62	28*	6*
	Kansas	52	222*	29*	71*	34	6
2011	Nation (public)	51	217	37	63	30*	6*
	Kansas	50	219*	33	67	32	6
2013	Nation (public)	51	217*	36*	64*	31	7
	Kansas	52	220*	32	68	35	7
2015	Nation (public)	51	218*	35*	65*	32	7
	Kansas	51	217	37	63	32	7
2017	Nation (public)	51	218*	36*	64*	33*	8
	Kansas	52	221*	33	67	35	8
2019	Nation (public)	51	216	38	62	31	7
	Kansas	51	215	37	63	30	6

Table 5-A

#### The Nation's Report Card 2019 State Assessment

Percentage of fourth-grade public school students, average scale score, and achievement-level results in NAEP reading, by gender, year, and jurisdiction: Various years, 1998–2019—Continued

					Perc	ent		
Gender, year,	Gender, year, and jurisdiction		Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced	
Female								
1998 <sup>1</sup>	Nation (public)	50	218*	36*	64*	31*	7*	
	Kansas	47	226	25	75	39	8	
1998	Nation (public)	50	215*	40*	60*	30*	7*	
	Kansas	47	225	25	75	39	9	
2002	Nation (public)	49	220*	35*	65*	33*	8*	
	Kansas	50	226	29	71	38	10	
2003	Nation (public)	49	220*	35*	65*	33*	8*	
	Kansas	48	224	29	71	36	9	
2005	Nation (public)	50*	220*	34*	66*	33*	8*	
	Kansas	50	223	32	68	35	9	
2007	Nation (public)	50*	223	31	69	35*	9*	
	Kansas	51	228*	24*	76*	40	9	
2009	Nation (public)	49	223	31	69	35*	9*	
	Kansas	48	226	26	74	37	8	
2011	Nation (public)	49	223	30	70	35*	9*	
	Kansas	50	228*	25	75	41	10	
2013	Nation (public)	49	224	30*	70*	37	9	
	Kansas	48	227	25	75	40	9	
2015	Nation (public)	49	225*	29*	71*	38	10	
	Kansas	49	225	28	72	38	10	
2017	Nation (public)	49	224	30	70	38	10	
	Kansas	48	226	27	73	40	9	
2019	Nation (public)	49	223	31	69	37	10	
	Kansas	49	223	30	70	37	8	

\* Value is significantly different (p < .05) from the value for the same jurisdiction and student group in 2019.

<sup>1</sup> Accommodations were not permitted for this assessment.

NOTE: The NAEP grade 4 reading scale ranges from 0 to 500. NAEP Achievement levels correspond to the following points on the NAEP reading scales: below *NAEP Basic*, 207 or lower; *NAEP Basic*, 208–237; *NAEP Proficient*, 238–267; and *NAEP Advanced*, 268 or above. At or above *NAEP Basic* includes *NAEP Basic*, *NAEP Proficient*, and *NAEP Advanced*. At or above *NAEP Basic* includes *NAEP Proficient*, and *NAEP Advanced*. Detail may not sum to totals because of rounding. All differences were calculated and tested using unrounded numbers.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 1998–2019 Reading Assessments.

#### Grade 8 Average Scale Score Results by Gender

- In 2019, male students in Kansas had an average scale score in reading (258) that was lower than that of female students (268). In 1998, male students in Kansas had an average scale score in reading (262) that was lower than that of female students (273).
- In 2019, male students in Kansas had an average scale score in reading (258) that was not significantly different from that of male students in public schools across the nation (256). Similarly, female students in Kansas had an average scale score (268) that was not significantly different from that of female students across the nation (268).
- In Kansas, the average scale score of male students in 2019 was lower than the scores of male students in 2002, 2005, 2007, 2009, 2011, 2013, and 2017, but not significantly different from the scores of male students in 1998, 2003, and 2015.
- In Kansas, the average scale score of female students in 2019 was lower than the scores of female students in 2002, 2007, 2011, and 2017, but not significantly different from the scores of female students in 1998, 2003, 2005, 2009, 2013, and 2015.

#### Grade 8 NAEP Achievement-Level Results by Gender

- In the 2019 assessment, 27 percent of male students and 38 percent of female students performed at or above *NAEP Proficient* in Kansas. The difference between these percentages was statistically significant.
- The percentage of male students in Kansas' public schools who were at or above *NAEP Proficient* in 2019 (27 percent) was not significantly different from that of male students in the nation (27 percent).
- The percentage of female students in Kansas' public schools who were at or above *NAEP Proficient* in 2019 (38 percent) was not significantly different from that of female students in the nation (38 percent).
- In Kansas, the percentage of male students performing at or above *NAEP Proficient* in 2019 was not significantly different from the corresponding percentages of students in 1998, 2002, 2003, 2005, 2007, 2009, 2011, 2013, 2015, and 2017.
- In Kansas, the percentage of female students performing at or above *NAEP Proficient* in 2019 was not significantly different from the corresponding percentages of students in 1998, 2002, 2003, 2005, 2007, 2009, 2011, 2013, 2015, and 2017.

Table 5-B

### The Nation's Report Card 2019 State Assessment

Percentage of eighth-grade public school students, average scale score, and achievement-level results in NAEP reading, by gender, year, and jurisdiction: Various years, 1998–2019

					Perc	ent	
Gender, year,	Gender, year, and jurisdiction		Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
Male							
1998 <sup>1</sup>	Nation (public)	51	255	35	65	24*	1*
	Kansas	50	263*	23*	77*	29	1
1998	Nation (public)	51	253*	36	64	23*	1*
	Kansas	51	262	23*	77*	29	1
2002	Nation (public)	50	258	30*	70*	26	2*
	Kansas	50	265*	23*	77*	32	2
2003	Nation (public)	50*	256	33	67	25*	2*
	Kansas	50	260	29	71	28	2
2005	Nation (public)	50*	255*	34	66	24*	2*
	Kansas	51	262*	27	73	30	2
2007	Nation (public)	50*	256	32	68	24*	1*
	Kansas	51	263*	24*	76*	30	1
2009	Nation (public)	50*	258	30*	70*	26*	2*
	Kansas	50	265*	23*	77*	31	2
2011	Nation (public)	51*	259*	30*	70*	27	2*
	Kansas	51	263*	26*	74*	31	2
2013	Nation (public)	51	261*	27*	73*	29*	2
	Kansas	52	263*	25*	75*	31	2
2015	Nation (public)	51	259*	30*	70*	28	2*
	Kansas	52	262	26	74	29	2
2017	Nation (public)	51	260*	29*	71*	30*	3
	Kansas	51	263*	26	74	31	3
2019	Nation (public)	51	256	34	66	27	3
	Kansas	51	258	31	69	27	1

Table 5-B

#### The Nation's Report Card 2019 State Assessment

Percentage of eighth-grade public school students, average scale score, and achievement-level results in NAEP reading, by gender, year, and jurisdiction: Various years, 1998–2019—Continued

					Perc	ent		
Gender, year,	Gender, year, and jurisdiction		Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced	
Female								
1998 <sup>1</sup>	Nation (public)	49	268	21	79	37	3*	
	Kansas	50	273*	15*	85*	42	3	
1998	Nation (public)	49	268	21	79	37	3*	
	Kansas	49	273	15*	85*	43	3	
2002	Nation (public)	50	267	21*	79*	36	3*	
	Kansas	50	274*	16*	84*	44	4	
2003	Nation (public)	50*	267	23	77	35*	4*	
	Kansas	50	272	18	82	42	5	
2005	Nation (public)	50*	266*	24	76	34*	3*	
	Kansas	49	271	18	82	40	4	
2007	Nation (public)	50*	266*	23	77	34*	3*	
	Kansas	49	272*	15*	85*	41	3	
2009	Nation (public)	50*	267	22	78	35*	3*	
	Kansas	50	269	18	82	36	2	
2011	Nation (public)	49*	268	21*	79*	36	4*	
	Kansas	49	272*	17*	83*	40	4	
2013	Nation (public)	49	271*	19*	81*	40*	5	
	Kansas	48	271	19	81	41	4	
2015	Nation (public)	49	269*	21*	79*	38	4*	
	Kansas	48	272	17	83	41	4	
2017	Nation (public)	49	270*	20*	80*	40*	5	
	Kansas	49	272*	19	81	42	5	
2019	Nation (public)	49	268	23	77	38	5	
	Kansas	49	268	21	79	38	4	

\* Value is significantly different (p < .05) from the value for the same jurisdiction and student group in 2019.

<sup>1</sup> Accommodations were not permitted for this assessment.

NOTE: The NAEP grade 8 reading scale ranges from 0 to 500. NAEP Achievement levels correspond to the following points on the NAEP reading scales: below *NAEP Basic*, 242 or lower; *NAEP Basic*, 243–280; *NAEP Proficient*, 281–322; and *NAEP Advanced*, 323 or above. At or above *NAEP Basic* includes *NAEP Basic*, *NAEP Proficient*, and *NAEP Advanced*. At or above *NAEP Proficient* includes *NAEP Proficient* and *NAEP Advanced*. Detail may not sum to totals because of rounding. All differences were calculated and tested using unrounded numbers.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 1998–2019 Reading Assessments.

# Student Eligibility for the National School Lunch Program

NAEP collects data on eligibility for the federal program providing free or reduced-price school lunches. The free/reduced-price lunch component of the National School Lunch Program (NSLP) offered through the U.S. Department of Agriculture (USDA) is designed to ensure that children near or below the poverty line receive nourishing meals. Eligibility is determined through the USDA's Income Eligibility Guidelines, and data for this category of students are included as an indicator of lower family income. NAEP first collected information on participation in this program in 1996; therefore, cross-year comparisons to assessments prior to 1996 cannot be made.

As a result of the passage of the Healthy, Hunger-Free Kids Act of 2010, schools can use a new universal meal service option, the "Community Eligibility Provision" (CEP). Through CEP, eligible schools can provide meal service to all students at no charge, regardless of economic status and without the need to collect eligibility data through household applications. CEP became available nationwide in the 2014-2015 school year; as a result, the percentage of students in many states categorized as eligible for NSLP may have increased in comparison to 2013. Therefore, readers should interpret NSLP trend results with caution.

Tables 6-A and 6-B show percentage of students and average scale scores by achievement-level data for public school students at grades 4 and 8 in Kansas and the nation, by student eligibility for the NSLP.

#### Grade 4 Average Scale Score Results by Free/Reduced-Price School Lunch Eligibility

- In 2019, students in Kansas eligible for free/reduced-price lunch had an average reading scale score of 206. This was lower than that of students in Kansas not eligible for this program (233).
- In 2019, students in Kansas who were eligible for free/reduced-price school lunch had an average scale score that was lower than that of students who were not eligible by 27 points. In 1998, the average scale score for students in Kansas who were eligible for free/reduced-price school lunch was lower than the score of those not eligible by 23 points.
- Students in Kansas eligible for free/reduced-price lunch had an average scale score (206) in 2019 that was not significantly different from that of students in the nation who were eligible (207).
- In Kansas, students eligible for free/reduced-price lunch had an average reading scale score in 2019 that was lower than that of eligible students in 2007, 2009, 2011, and 2017, but not significantly different from that of eligible students in 1998, 2002, 2003, 2005, 2013, and 2015.

#### Grade 4 NAEP Achievement-Level Results by Free/Reduced-Price School Lunch Eligibility

- In Kansas, 20 percent of students who were eligible for free/reduced-price lunch and 48 percent of those who were not eligible for this program performed at or above *NAEP Proficient* in 2019. These percentages were significantly different from one another.
- For students in Kansas in 2019 who were eligible for free/reduced-price lunch, the percentage at or above *NAEP Proficient* (20 percent) was not significantly different from the corresponding percentage for their counterparts around the nation (21 percent).
- In Kansas, the percentage of students eligible for free/reduced-price lunch who performed at or above *NAEP Proficient* in 2019 was not significantly different from the corresponding percentages in 1998, 2002, 2003, 2005, 2007, 2009, 2011, 2013, 2015, and 2017.

Table 6-A

### The Nation's Report Card 2019 State Assessment

Percentage of fourth-grade public school students, average scale score, and achievement-level results in NAEP reading, by National School Lunch Program eligibility status, year, and jurisdiction: Various years, 1998–2019

					Perc	ent	
Eligibility stat	Eligibility status, year, and jurisdiction		Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
Eligible							
1998 <sup>1</sup>	Nation (public)	38*	198*	58*	42*	13*	1*
	Kansas	34*	207	46	54	21	3
1998	Nation (public)	41*	195*	61*	39*	12*	1*
	Kansas	34*	206	47	53	22	3
2002	Nation (public)	43*	202*	54*	46*	16*	2*
	Kansas	42*	211	45	55	21	3
2003	Nation (public)	44*	201*	56*	44*	15*	2*
	Kansas	41*	206	49	51	18	3
2005	Nation (public)	45*	203*	54*	46*	15*	2*
	Kansas	44*	208	47	53	20	3
2007	Nation (public)	45*	205*	50*	50*	17*	2*
	Kansas	40*	212*	43	57	21	3
2009	Nation (public)	47*	206	49*	51*	17*	2*
	Kansas	48	213*	40*	60*	22	3
2011	Nation (public)	52*	207	48	52	18*	2*
	Kansas	50	212*	42*	58*	23	3
2013	Nation (public)	54	207	47	53	20*	3*
	Kansas	52	210	43	57	22	3
2015	Nation (public)	55	209*	44*	56*	21	3
	Kansas	56*	208	46	54	20	3
2017	Nation (public)	54	208*	46*	54*	22	3
	Kansas	49	212*	42*	58*	24	3
2019	Nation (public)	54	207	48	52	21	3
	Kansas	49	206	48	52	20	3

Table 6-A

### The Nation's Report Card 2019 State Assessment

Percentage of fourth-grade public school students, average scale score, and achievement-level results in NAEP reading, by National School Lunch Program eligibility status, year, and jurisdiction: Various years, 1998–2019—Continued

					Perc	ent		
Eligibility status	Eligibility status, year, and jurisdiction		Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced	
Not eligible								
1998 <sup>1</sup>	Nation (public)	54*	226*	28*	72*	39*	10*	
	Kansas	62*	229	21	79	40	8	
1998	Nation (public)	51*	226*	28*	72*	39*	10*	
	Kansas	61*	229	22	78	39*	9	
2002	Nation (public)	50*	229*	24*	76*	41*	10*	
	Kansas	58*	230	22	78	43	11	
2003	Nation (public)	52*	229*	25*	75*	41*	11*	
	Kansas	58*	230	23	77	42	11	
2005	Nation (public)	53*	230*	23*	77*	42*	11*	
	Kansas	56*	230	23*	77*	42	11	
2007	Nation (public)	54*	232*	21*	79*	44*	12*	
	Kansas	60*	233	19	81	46	11	
2009	Nation (public)	52*	232*	21*	79*	45*	12*	
	Kansas	52	234	16	84	47	11	
2011	Nation (public)	47*	234	18	82	48*	13*	
	Kansas	50	236	17	83	50	13	
2013	Nation (public)	46	236	17*	83*	51	14	
	Kansas	48	238*	14*	86*	54	14	
2015	Nation (public)	43	237*	17*	83*	52	15	
	Kansas	44	238*	16	84	54	16	
2017	Nation (public)	45	236*	18*	82*	52*	15	
	Kansas	51	234	19	81	50	13	
2019	Nation (public)	45	235	19	81	50	15	
	Kansas	48	233	19	81	48	11	

Table 6-A

#### The Nation's Report Card 2019 State Assessment

Percentage of fourth-grade public school students, average scale score, and achievement-level results in NAEP reading, by National School Lunch Program eligibility status, year, and jurisdiction: Various years, 1998–2019—Continued

					Perc	ent	
Eligibility stat	us, year, and	Percentage of students	Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
Information r	not available						
1998 <sup>1</sup>	Nation (public)	7*	225	30	70	38	10
	Kansas	4	236*	12*	88*	49	11
1998	Nation (public)	7*	219	35	65	33	9
	Kansas	5	231*	21	79	44	10
2002	Nation (public)	7*	217	38	62	30	7
	Kansas	#*	‡	‡	‡	‡	‡
2003	Nation (public)	4*	219	35	65	33	8
	Kansas	#*	‡	‡	‡	‡	‡
2005	Nation (public)	2*	218	38	62	32	8
	Kansas	#	‡	‡	‡	‡	‡
2007	Nation (public)	1	220	34	66	33	9
	Kansas	#	‡	‡	‡	‡	‡
2009	Nation (public)	1	219	38	62	31	9
	Kansas	#	‡	‡	‡	‡	‡
2011	Nation (public)	1	224	29	71	34	10
	Kansas	#	‡	‡	‡	‡	‡
2013	Nation (public)	1	232	23	77	45	14
	Kansas	#	‡	‡	‡	‡	‡
2015	Nation (public)	1	229*	27*	73*	44	15
	Kansas	#*	‡	‡	‡	‡	‡
2017	Nation (public)	1	223	30	70	38	10
	Kansas	#*	‡	‡	‡	‡	‡
2019	Nation (public)	1	219	36	64	34	8
	Kansas	3	211	37	63	26	4

# Rounds to zero.

‡ Reporting standards not met.

\* Value is significantly different (p < .05) from the value for the same jurisdiction and student group in 2019.

<sup>1</sup> Accommodations were not permitted for this assessment.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 1998–2019 Reading Assessments.

NOTE: The NAEP grade 4 reading scale ranges from 0 to 500. NAEP Achievement levels correspond to the following points on the NAEP reading scales: below *NAEP Basic*, 207 or lower; *NAEP Basic*, 208–237; *NAEP Proficient*, 238–267; and *NAEP Advanced*, 268 or above. At or above *NAEP Basic* includes *NAEP Basic*, *NAEP Proficient*, and *NAEP Advanced*. At or above *NAEP Basic* includes *NAEP Proficient*, and *NAEP Advanced*. Detail may not sum to totals because of rounding. All differences were calculated and tested using unrounded numbers.

#### NAEP 2019 Reading Report for Kansas

#### Grade 8 Average Scale Score Results by Free/Reduced-Price School Lunch Eligibility

- In 2019, students in Kansas eligible for free/reduced-price lunch had an average reading scale score of 251. This was lower than that of students in Kansas not eligible for this program (274).
- In 2019, students in Kansas who were eligible for free/reduced-price school lunch had an average scale score that was lower than that of students who were not eligible by 23 points. In 1998, the average scale score for students in Kansas who were eligible for free/reduced-price school lunch was lower than the score of those not eligible by 21 points.
- Students in Kansas eligible for free/reduced-price lunch had an average scale score (251) in 2019 that was not significantly different from that of students in the nation who were eligible (249).
- In Kansas, students eligible for free/reduced-price lunch had an average reading scale score in 2019 that was lower than that of eligible students in 2011, but not significantly different from that of eligible students in 1998, 2002, 2003, 2005, 2007, 2009, 2013, 2015, and 2017.

#### Grade 8 NAEP Achievement-Level Results by Free/Reduced-Price School Lunch Eligibility

- In Kansas, 19 percent of students who were eligible for free/reduced-price lunch and 44 percent of those who were not eligible for this program performed at or above *NAEP Proficient* in 2019. These percentages were significantly different from one another.
- For students in Kansas in 2019 who were eligible for free/reduced-price lunch, the percentage at or above *NAEP Proficient* (19 percent) was not significantly different from the corresponding percentage for their counterparts around the nation (20 percent).
- In Kansas, the percentage of students eligible for free/reduced-price lunch who performed at or above *NAEP Proficient* in 2019 was not significantly different from the corresponding percentages in 1998, 2002, 2003, 2005, 2007, 2009, 2011, 2013, 2015, and 2017.

Table 6-B

### The Nation's Report Card 2019 State Assessment

Percentage of eighth-grade public school students, average scale score, and achievement-level results in NAEP reading, by National School Lunch Program eligibility status, year, and jurisdiction: Various years, 1998–2019

					Perc	ent	
Eligibility stat jurisdiction	Eligibility status, year, and jurisdiction		Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
Eligible							
1998 <sup>1</sup>	Nation (public)	30*	246*	44*	56*	15*	#
	Kansas	33*	256	31	69	22	1
1998	Nation (public)	30*	245*	45*	55*	14*	#*
	Kansas	33*	254	31	69	21	1
2002	Nation (public)	34*	249	40	60	17*	1*
	Kansas	29*	251	38	62	19	1
2003	Nation (public)	36*	246*	44*	56*	15*	1*
	Kansas	33*	253	36	64	22	1
2005	Nation (public)	39*	247*	43*	57*	15*	1*
	Kansas	38*	254	35	65	21	1
2007	Nation (public)	40*	247*	42	58	15*	1*
	Kansas	36*	253	34	66	20	1
2009	Nation (public)	43*	249	40	60	16*	1*
	Kansas	42*	255	33	67	19	1
2011	Nation (public)	48*	251*	37*	63*	18*	1
	Kansas	44	256*	32	68	22	1
2013	Nation (public)	49	254*	34*	66*	20	1
	Kansas	46	254	34	66	22	1
2015	Nation (public)	52*	253*	36*	64*	20	1
	Kansas	48	256	32	68	22	1
2017	Nation (public)	49	253*	36*	64*	21*	1
	Kansas	44	254	35	65	22	1
2019	Nation (public)	50	249	40	60	20	1
	Kansas	47	251	38	62	19	1

Table 6-B

### The Nation's Report Card 2019 State Assessment

Percentage of eighth-grade public school students, average scale score, and achievement-level results in NAEP reading, by National School Lunch Program eligibility status, year, and jurisdiction: Various years, 1998–2019—Continued

				Percent				
Eligibility statu jurisdiction	Eligibility status, year, and jurisdiction		Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced	
Not eligible								
1998 <sup>1</sup>	Nation (public)	58*	269*	20*	80*	38*	3*	
	Kansas	65*	274	13	87	42	3	
1998	Nation (public)	58*	268*	21*	79*	37*	3*	
	Kansas	65*	275	12	88	43	3	
2002	Nation (public)	57*	271*	17	83	40*	3*	
	Kansas	68*	276	12	88	45	4	
2003	Nation (public)	58*	271*	18*	82*	39*	4*	
	Kansas	65*	273	16	84	42	4	
2005	Nation (public)	59*	270*	19*	81*	38*	4*	
	Kansas	62*	275	15	85	43	5	
2007	Nation (public)	58*	271*	18	82	39*	4*	
	Kansas	64*	275	11*	89*	44	2	
2009	Nation (public)	56*	273*	16	84	41*	4*	
	Kansas	58*	275	11	89	43	3	
2011	Nation (public)	52*	275	15*	85*	44	5*	
	Kansas	56*	276	13	87	46	4	
2013	Nation (public)	50*	278*	13*	87*	48*	6	
	Kansas	54	278	11	89	48	5	
2015	Nation (public)	47*	276*	14*	86*	47	6	
	Kansas	51	277	12	88	47	5	
2017	Nation (public)	50	277*	14*	86*	48*	7	
	Kansas	56*	278*	12	88	49	6	
2019	Nation (public)	49	275	17	83	45	7	
	Kansas	51	274	15	85	44	4	

Table 6-B

#### The Nation's Report Card 2019 State Assessment

Percentage of eighth-grade public school students, average scale score, and achievement-level results in NAEP reading, by National School Lunch Program eligibility status, year, and jurisdiction: Various years, 1998–2019—Continued

					Perc	ent	
Eligibility stat	Eligibility status, year, and jurisdiction		Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
Information n	Information not available						
1998 <sup>1</sup>	Nation (public)	12*	265	25	75	35	4
	Kansas	2	+	‡	‡	‡	‡
1998	Nation (public)	11*	264	27	73	34	3
	Kansas	2	+	‡	‡	‡	+
2002	Nation (public)	10*	264	25	75	32	4
	Kansas	3	‡	‡	‡	‡	‡
2003	Nation (public)	6*	262	28	72	31	3
	Kansas	2	‡	‡	‡	‡	‡
2005	Nation (public)	3*	258*	31	69	28*	3*
	Kansas	#	‡	‡	‡	‡	‡
2007	Nation (public)	1	255*	34	66	27*	3*
	Kansas	#	‡	‡	‡	‡	‡
2009	Nation (public)	1	259	31	69	29	3
	Kansas	#	‡	‡	‡	‡	‡
2011	Nation (public)	#*	265	27	73	32	5
	Kansas	#	‡	‡	‡	‡	‡
2013	Nation (public)	#*	276	18	82	47	8
	Kansas	#	‡	‡	‡	‡	‡
2015	Nation (public)	1	273	20	80	44	6
	Kansas	1*	‡	‡	‡	‡	‡
2017	Nation (public)	2	267	23	77	37	4
	Kansas	#*	‡	‡	‡	‡	‡
2019	Nation (public)	1	267	26	74	39	7
	Kansas	3	‡	‡	‡	‡	‡

# Rounds to zero.

‡ Reporting standards not met.

\* Value is significantly different (p < .05) from the value for the same jurisdiction and student group in 2019.

<sup>1</sup> Accommodations were not permitted for this assessment.

NOTE: The NAEP grade 8 reading scale ranges from 0 to 500. NAEP Achievement levels correspond to the following points on the NAEP reading scales: below *NAEP Basic*, 242 or lower; *NAEP Basic*, 243–280; *NAEP Proficient*, 281–322; and *NAEP Advanced*, 323 or above. At or above *NAEP Basic* includes *NAEP Basic*, *NAEP Proficient*, and *NAEP Advanced*. At or above *NAEP Proficient* includes *NAEP Proficient* and *NAEP Advanced*. Detail may not sum to totals because of rounding. All differences were calculated and tested using unrounded numbers.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 1998–2019 Reading Assessments.

# Type of Location

NAEP results are reported for four mutually exclusive categories of school location: city, suburb, town, and rural. The categories are based on standard definitions established by the Federal Office of Management and Budget using population and geographic information from the U.S. Census Bureau. Schools are assigned to these categories in the NCES Common Core of Data based on their physical address.

In 2007, the classification system was revised; therefore, trend comparisons to previous years are not available. The new locale codes are based on an address's proximity to an urbanized area (a densely settled core with densely settled surrounding areas). The original system was based on metropolitan statistical areas. To distinguish the two systems, the new system is referred to as "urban-centric locale codes." The urban-centric locale code system classifies territory into four major types: city, suburban, town, and rural. Each type has three subcategories. For city and suburb, these are gradations of size—large, midsize, and small. Towns and rural areas are further distinguished by their distance from an urbanized area. They can be characterized as fringe, distant, or remote.

Tables 7-A and 7-B show percentage of students and average scale scores by NAEP achievement-level data for public school students at grades 4 and 8 in Kansas and the nation, by type of location since 2007.

#### Grade 4 Average Scale Score Results by Type of Location

- In 2019, the average scale score of students in Kansas attending public schools in city locations was lower than the scores of students in suburban and rural schools, but was not significantly different from the score of students in town schools.
- In 2019, students attending public schools in city, suburban, town, and rural locations in Kansas had average scale scores that were not significantly different from the average scale scores of students in city, suburban, town, and rural locations in the nation.
- In 2019, students attending public schools in city, suburban, and rural locations in Kansas had average scale scores that were not significantly different from the average scale scores of students in city, suburban, and rural locations in 2007, 2009, 2011, 2013, 2015, and 2017 in Kansas.
- In 2019, students attending public schools in town locations in Kansas had an average scale score that was lower than the average scale score of students in town locations in 2017 in Kansas, but not significantly different from the average scale score of students in town locations in 2007, 2009, 2011, 2013, and 2015 in Kansas.

### Grade 4 NAEP Achievement-Level Results by Type of Location

- In 2019, the percentage of students in Kansas' public schools in city locations who performed at or above *NAEP Proficient* was smaller than the percentage of students in suburban schools, but was not significantly different from the corresponding percentages of students in town and rural schools.
- The percentages of students in Kansas' public schools in city, suburban, town, and rural locations who performed at or above *NAEP Proficient* in 2019 were not significantly different from those of students in city, suburban, town, and rural locations in the nation.
- The percentages of students in Kansas' public schools in city, suburban, and rural locations who performed at or above *NAEP Proficient* in 2019 were not significantly different from those of students in city, suburban, and rural locations in 2007, 2009, 2011, 2013, 2015, and 2017 in Kansas.
- The percentage of students in Kansas' public schools in town locations who performed at or above *NAEP Proficient* in 2019 was smaller than that of students in town locations in 2017 in Kansas, but not significantly different from that of students in town locations in 2007, 2009, 2011, 2013, and 2015 in Kansas.

Table 7-A

# The Nation's Report Card 2019 State Assessment

Percentage of fourth-grade public school students, average scale score, and achievement-level results in NAEP reading, by type of location, year, and jurisdiction: Various years, 2007–2019

					Perc	ent	
Type of locati jurisdiction	Type of location, year, and jurisdiction		Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
City							
2007	Nation (public)	29	213	43	57	25*	6*
	Kansas	22*	218	37	63	30	7
2009	Nation (public)	30	214	42	58	26*	6
	Kansas	27	220	32	68	32	6
2011	Nation (public)	29*	213	42	58	26*	6
	Kansas	26	218	37	63	32	8
2013	Nation (public)	29	214	40	60	28	7
	Kansas	22*	218	36	64	36	9
2015	Nation (public)	31	216*	39*	61*	30	7
	Kansas	31	215	40	60	30	8
2017	Nation (public)	30	215	40	60	30	7
	Kansas	28	217	38	62	30	6
2019	Nation (public)	30	213	42	58	29	7
	Kansas	30	215	38	62	30	7
Suburb							
2007	Nation (public)	37*	224	29	71	37*	9*
	Kansas	18	235	18	82	47	13
2009	Nation (public)	36*	224	30	70	36*	9*
	Kansas	15	232	21	79	44	11
2011	Nation (public)	36*	225	29	71	37*	9*
	Kansas	15	229	24	76	43	11
2013	Nation (public)	35*	225	29	71	39	10
	Kansas	15	235	19	81	52	15
2015	Nation (public)	41	226	28	72	40	10
	Kansas	17	233	21	79	47	16
2017	Nation (public)	40	226	28	72	41	11
	Kansas	18	231	22	78	47	12
2019	Nation (public)	40	225	29	71	40	11
See notes at end of	Kansas	18	228	25	75	43	11

Table 7-A

#### The Nation's Report Card 2019 State Assessment

Percentage of fourth-grade public school students, average scale score, and achievement-level results in NAEP reading, by type of location, year, and jurisdiction: Various years, 2007–2019—Continued

					Perc	ent	
Type of locati jurisdiction	Type of location, year, and jurisdiction		Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
Town							
2007	Nation (public)	12*	218*	35	65	29	6
	Kansas	28	221	32	68	30	6
2009	Nation (public)	12*	217	36	64	28	5
	Kansas	30	221	30	70	31	5
2011	Nation (public)	12*	217	36	64	29	5
	Kansas	28	221	31	69	33	6
2013	Nation (public)	11	219*	33*	67*	32*	6
	Kansas	33	219	32	68	31	4
2015	Nation (public)	11	218	35	65	31	6
	Kansas	26	219	33	67	31	5
2017	Nation (public)	11	216	38	62	30	6
	Kansas	29	224*	29	71	38*	7
2019	Nation (public)	10	216	38	62	30	6
	Kansas	27	216	38	62	29	5
Rural							
2007	Nation (public)	22*	222*	31*	69*	33	7
	Kansas	33*	227	25	75	39	7
2009	Nation (public)	22*	222*	31*	69*	33	7
	Kansas	29	226	25	75	37	8
2011	Nation (public)	23*	223*	30*	70*	35	7
	Kansas	31	228	24	76	39	9
2013	Nation (public)	25*	223*	29*	71*	35	8
	Kansas	30	227	25	75	40	8
2015	Nation (public)	18	223*	29*	71*	36	7
	Kansas	26	223	30	70	37	8
2017	Nation (public)	19	222*	31*	69*	35	8
	Kansas	25	224	28	72	37	8
2019	Nation (public)	19	219	34	66	33	7
	Kansas	25	222	31	69	37	7

\* Value is significantly different (p < .05) from the value for the same jurisdiction and student group in 2019.

NOTE: The NAEP grade 4 reading scale ranges from 0 to 500. NAEP Achievement levels correspond to the following points on the NAEP reading scales: below NAEP Basic, 207 or lower; NAEP Basic, 208–237; NAEP Proficient, 238–267; and NAEP Advanced, 268 or above. At or above NAEP Basic includes NAEP Basic, NAEP Proficient, and NAEP Advanced. At or above NAEP Proficient includes NAEP Proficient and NAEP Advanced. Detail may not sum to totals because of rounding. All differences were calculated and tested using unrounded numbers.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 2007–2019 Reading Assessments.

### Grade 8 Average Scale Score Results by Type of Location

- In 2019, the average scale score of students in Kansas attending public schools in city locations was lower than the scores of students in suburban and rural schools, but was not significantly different from the score of students in town schools.
- In 2019, students attending public schools in city, town, and rural locations in Kansas had average scale scores that were not significantly different from the average scale scores of students in city, town, and rural locations in the nation.
- In 2019, students attending public schools in suburban locations in Kansas had an average scale score that was higher than the average scale score of students in suburban locations in the nation.
- In 2019, students attending public schools in city, suburban, and town locations in Kansas had average scale scores that were not significantly different from the average scale scores of students in city, suburban, and town locations in 2007, 2009, 2011, 2013, 2015, and 2017 in Kansas.
- In 2019, students attending public schools in rural locations in Kansas had an average scale score that was lower than the average scale score of students in rural locations in 2007, 2009, 2011, 2013, and 2015 in Kansas, but not significantly different from the average scale score of students in rural locations in 2017 in Kansas.

## Grade 8 NAEP Achievement-Level Results by Type of Location

- In 2019, the percentage of students in Kansas' public schools in city locations who performed at or above *NAEP Proficient* was smaller than the percentage of students in suburban schools, but was not significantly different from the corresponding percentages of students in town and rural schools.
- The percentages of students in Kansas' public schools in city, suburban, town, and rural locations who performed at or above *NAEP Proficient* in 2019 were not significantly different from those of students in city, suburban, town, and rural locations in the nation.
- The percentages of students in Kansas' public schools in city, suburban, and town locations who performed at or above *NAEP Proficient* in 2019 were not significantly different from those of students in city, suburban, and town locations in 2007, 2009, 2011, 2013, 2015, and 2017 in Kansas.
- The percentage of students in Kansas' public schools in rural locations who performed at or above *NAEP Proficient* in 2019 was smaller than that of students in rural locations in 2007 and 2013 in Kansas, but not significantly different from that of students in rural locations in 2009, 2011, 2015, and 2017 in Kansas.

Table 7-B

### The Nation's Report Card 2019 State Assessment

Percentage of eighth-grade public school students, average scale score, and achievement-level results in NAEP reading, by type of location, year, and jurisdiction: Various years, 2007–2019

					Perc	ent	
Type of locat jurisdiction	Type of location, year, and jurisdiction		Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
City							
2007	Nation (public)	28	254*	36	64	23*	2*
	Kansas	24	260	27	73	27	1
2009	Nation (public)	27*	256	34	66	24*	2*
	Kansas	23	258	32	68	26	2
2011	Nation (public)	29	257	32	68	26*	2*
	Kansas	25*	262	28	72	29	3
2013	Nation (public)	28	260*	30*	70*	28	3
	Kansas	24	259	31	69	29	3
2015	Nation (public)	29	259*	31*	69*	28	3
	Kansas	26	260	30	70	29	3
2017	Nation (public)	29	260*	30*	70*	30	3
	Kansas	28	261	30	70	31	3
2019	Nation (public)	29	257	34	66	28	4
	Kansas	28	257	34	66	29	2
Suburb							
2007	Nation (public)	36*	265*	24	76	34*	3*
	Kansas	12	272	13	87	39	2
2009	Nation (public)	36*	266	23*	77*	35	3*
	Kansas	15	272	15	85	39	3
2011	Nation (public)	36*	267	22*	78*	36	4*
	Kansas	12*	274	16	84	45	5
2013	Nation (public)	35*	270*	20*	80*	39*	5
	Kansas	16	275	15	85	47	4
2015	Nation (public)	41	268*	22*	78*	38	4
	Kansas	20	273	15	85	42	4
2017	Nation (public)	40	270*	21*	79*	40*	5
	Kansas	18	275	17	83	45	6
2019	Nation (public)	40	266	25	75	37	5
Can pates at and a	Kansas	18	274	17	83	44	5

Table 7-B

#### The Nation's Report Card 2019 State Assessment

Percentage of eighth-grade public school students, average scale score, and achievement-level results in NAEP reading, by type of location, year, and jurisdiction: Various years, 2007–2019—Continued

					Perc	Percent		
Type of locati jurisdiction	Type of location, year, and jurisdiction		Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced	
Town								
2007	Nation (public)	13*	261*	27*	73*	28	2	
	Kansas	30	266	21	79	32	2	
2009	Nation (public)	14*	261	27*	73*	28	2	
	Kansas	28	267	20	80	33	2	
2011	Nation (public)	13	263*	25*	75*	30	2	
	Kansas	25	264	24	76	30	2	
2013	Nation (public)	13*	263*	25*	75*	31*	2	
	Kansas	28	262	25	75	30	2	
2015	Nation (public)	12	261*	27*	73*	29	2	
	Kansas	24	264	24	76	31	2	
2017	Nation (public)	11	262*	27*	73*	30*	3	
	Kansas	27	268	20	80	36	3	
2019	Nation (public)	12	258	31	69	27	2	
	Kansas	25	261	26	74	28	2	
Rural								
2007	Nation (public)	22*	264	24*	76*	31	2*	
	Kansas	35	272*	15*	85*	42*	2	
2009	Nation (public)	23*	264	23*	77*	31	2*	
	Kansas	35	270*	15*	85*	36	2	
2011	Nation (public)	23*	266*	22*	78*	33	3	
	Kansas	38*	271*	17*	83*	40	3	
2013	Nation (public)	24*	268*	21*	79*	36*	3	
	Kansas	32	272*	15*	85*	41*	3	
2015	Nation (public)	19	265	24*	76*	32	3	
	Kansas	30	271*	17	83	38	3	
2017	Nation (public)	19	265*	24*	76*	33	3	
	Kansas	27	269	20	80	38	3	
2019	Nation (public)	19	263	26	74	32	3	
	Kansas	29	263	24	76	32	2	

\* Value is significantly different (p < .05) from the value for the same jurisdiction and student group in 2019.

NOTE: The NAEP grade 8 reading scale ranges from 0 to 500. NAEP Achievement levels correspond to the following points on the NAEP reading scales: below NAEP Basic, 242 or lower; NAEP Basic, 243–280; NAEP Proficient, 281–322; and NAEP Advanced, 323 or above. At or above NAEP Basic includes NAEP Proficient, and NAEP Advanced. At or above NAEP Proficient includes NAEP Proficient and NAEP Advanced. Detail may not sum to totals because of rounding. All differences were calculated and tested using unrounded numbers.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 2007–2019 Reading Assessments.

# **Parents' Highest Level of Education**

Parents' highest level of education is defined by the highest level reported by eighth-graders for either parent. Fourth-graders were not asked to indicate their parents' highest level of education because their responses in previous studies were were not reliable, and a large percentage of them chose the "I don't know" option. Parental education attainment is one component used to measure student's socioeconomic status (SES).

The results by highest level of parental education are shown in Table 8.

#### Grade 8 Average Scale Score Results by Parents' Highest Level of Education

- In 2019, students in Kansas who reported that a parent had graduated from college had an average scale score that was higher than the average scores of students with a parent in any of the following education categories: some education after high school, graduated from high school, and did not finish high school.
- In 2019, the average scale scores for students in Kansas who reported that a parent had graduated from college, had some education after high school, had graduated from high school, or had not finished high school were not significantly different from the corresponding scores of students in the nation.
- In 2019, the average scale score for students in Kansas who reported that a parent had graduated from college was lower than the score of students in 1998, 2002, 2007, 2011, and 2017, but not significantly different from the score of students in 2003, 2005, 2009, 2013, and 2015.
- In 2019, the average scale score for students in Kansas who reported that a parent had some education after high school was lower than the score of students in 1998, 2002, 2005, 2007, and 2013, but not significantly different from the score of students in 2003, 2009, 2011, 2015, and 2017.
- In 2019, the average scale score for students in Kansas who reported that a parent had graduated from high school was lower than the score of students in 1998, but not significantly different from the score of students in 2002, 2003, 2005, 2007, 2009, 2011, 2013, 2015, and 2017.
- In 2019, the average scale score for students in Kansas who reported that a parent had not finished high school was not significantly different from the score of students in 1998, 2002, 2003, 2005, 2007, 2009, 2011, 2013, 2015, and 2017.

#### NAEP 2019 Reading Report for Kansas

#### Grade 8 NAEP Achievement-Level Results by Parents' Highest Level of Education

- In 2019, the percentage of students performing at or above *NAEP Proficient* in Kansas who reported that a parent had graduated from college was greater than the percentage for students whose parents' highest level of education was in any of the following education categories: some education after high school, graduated from high school, and did not finish high school.
- In 2019, the percentages of students in Kansas reporting that a parent had graduated from college, had some education after high school, had graduated from high school, or had not finished high school and who performed at or above *NAEP Proficient* were not significantly different from the corresponding percentages of students in the nation.
- In 2019 in Kansas, the respective percentages of students reporting that a parent had graduated from college, had some education after high school, had graduated from high school, or had not finished high school and who performed at or above *NAEP Proficient* were not significantly different from the corresponding percentages of students in 1998, 2002, 2003, 2005, 2007, 2009, 2011, 2013, 2015, and 2017.

### The Nation's Report Card 2019 State Assessment

Percentage of eighth-grade public school students, average scale score, and achievement-level results in NAEP reading, by highest parental education level, year, and jurisdiction: Various years, 1998–2019

					Perc	ent	
Highest paren year, and juris	ital education level, sdiction	Percentage of students	Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
Did not finish	high school						
1998 <sup>1</sup>	Nation (public)	8	242*	49	51	11*	#
	Kansas	6	249	35	65	15	#
1998	Nation (public)	8*	242*	49	51	11*	#
	Kansas	6	253	30	70	16	#
2002	Nation (public)	7	247	42	58	14	#
	Kansas	4*	246	43	57	13	#
2003	Nation (public)	7	245	45	55	13*	#
	Kansas	6	247	42	58	17	1
2005	Nation (public)	8*	244*	47*	53*	12*	#
	Kansas	6*	251	41	59	16	2
2007	Nation (public)	8*	245*	44	56	12*	#*
	Kansas	5*	247	42	58	13	#
2009	Nation (public)	8*	247	41	59	14*	#
	Kansas	6	252	37	63	14	#
2011	Nation (public)	8*	247	41	59	13*	#
	Kansas	7	252	38	62	18	1
2013	Nation (public)	8*	250*	37*	63*	16	#
	Kansas	7	247	42	58	14	#
2015	Nation (public)	8*	249	40	60	16	1
	Kansas	7	255	31	69	19	#
2017	Nation (public)	7	250*	39*	61*	18	1
	Kansas	7	253	35	65	20	1
2019	Nation (public)	7	247	42	58	17	1
	Kansas	7	249	39	61	17	1

### The Nation's Report Card 2019 State Assessment

Percentage of eighth-grade public school students, average scale score, and achievement-level results in NAEP reading, by highest parental education level, year, and jurisdiction: Various years, 1998–2019 —Continued

					Perc	ent	
Highest parer year, and juri	ntal education level, sdiction	Percentage of students	Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
Graduated fr	om high school						
1998 <sup>1</sup>	Nation (public)	23*	253*	36	64	21	1
	Kansas	20*	261	23*	77*	22	#
1998	Nation (public)	23*	253	36	64	20	1
	Kansas	20*	262*	21*	79*	24	#
2002	Nation (public)	18*	256*	31*	69*	21	1
	Kansas	15	255	31	69	22	1
2003	Nation (public)	18*	253*	35*	65*	19	1
	Kansas	16*	255	34	66	23	1
2005	Nation (public)	18*	252*	37*	63*	18	1
	Kansas	16*	256	31	69	22	1
2007	Nation (public)	17*	252*	36*	64*	18	1
	Kansas	15	256	30	70	21	1
2009	Nation (public)	17*	253*	34*	66*	18	1
	Kansas	15	256	30	70	18	1
2011	Nation (public)	17*	254*	34*	66*	20	1
	Kansas	14	257	29	71	22	1
2013	Nation (public)	16*	255*	33*	67*	20	1
	Kansas	13	254	35	65	22	1
2015	Nation (public)	16*	253*	35*	65*	19	1
	Kansas	15	255	32	68	21	1
2017	Nation (public)	14	254*	35*	65*	21*	1
	Kansas	13	256	33	67	23	1
2019	Nation (public)	14	249	40	60	19	1
	Kansas	12	252	38	62	20	1

# The Nation's Report Card 2019 State Assessment

Percentage of eighth-grade public school students, average scale score, and achievement-level results in NAEP reading, by highest parental education level, year, and jurisdiction: Various years, 1998–2019 —Continued

					Perc	ent	
Highest paren year, and juris	tal education level, sdiction	Percentage of students	Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
Some educati	on after high						
school							
1998 <sup>1</sup>	Nation (public)	18*	268	20	80	35	2
	Kansas	20*	269	17	83	36	2
1998	Nation (public)	18*	267	22	78	34	2
	Kansas	19*	270*	15	85	37	2
2002	Nation (public)	20*	267*	19*	81*	33	2
	Kansas	21*	272*	17	83	41	4
2003	Nation (public)	18*	266	21	79	32	2
	Kansas	18	270	17	83	37	3
2005	Nation (public)	18*	265	23	77	31	2
	Kansas	20*	271*	16	84	39	3
2007	Nation (public)	17*	265	21*	79*	31	2*
	Kansas	18	271*	15	85	38	2
2009	Nation (public)	17*	266	21*	79*	31	2*
	Kansas	18	271	14	86	36	2
2011	Nation (public)	16*	266*	20*	80*	32	2
	Kansas	17	266	21	79	31	2
2013	Nation (public)	15*	269*	18*	82*	35*	3
	Kansas	16	272*	14	86	40	3
2015	Nation (public)	15*	267*	20*	80*	33	2
	Kansas	13	267	20	80	33	2
2017	Nation (public)	14	266*	21*	79*	34	3
	Kansas	14	268	19	81	33	3
2019	Nation (public)	14	265	23	77	32	3
	Kansas	15	264	22	78	29	1

# The Nation's Report Card 2019 State Assessment

Percentage of eighth-grade public school students, average scale score, and achievement-level results in NAEP reading, by highest parental education level, year, and jurisdiction: Various years, 1998–2019 —Continued

				Percent			
Highest parental education level, year, and jurisdiction		Percentage of students	Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
Graduated from college							
1998 <sup>1</sup>	Nation (public)	42*	272	18	82	42	4*
	Kansas	45*	276	12*	88*	47	4
1998	Nation (public)	42*	271	19	81	41	4*
	Kansas	45*	276*	11*	89*	47	4
2002	Nation (public)	46*	273	17*	83*	42	4*
	Kansas	52	277*	12*	88*	49	4
2003	Nation (public)	46*	271	19	81	41*	4*
	Kansas	50	274	16	84	44	5
2005	Nation (public)	46*	270*	20	80	40*	4*
	Kansas	48*	276	14	86	45	5
2007	Nation (public)	46*	271	18*	82*	40*	4*
	Kansas	51	276*	11*	89*	46	2
2009	Nation (public)	47*	272	17*	83*	42	4*
	Kansas	50	275	13*	87*	43	3
2011	Nation (public)	48*	273*	16*	84*	43	5*
	Kansas	52	277*	12*	88*	47	4
2013	Nation (public)	49*	276*	15*	85*	46*	6
	Kansas	55	275	14	86	45	4
2015	Nation (public)	49*	274*	16*	84*	44	5
	Kansas	55	276	13*	87*	45	5
2017	Nation (public)	54*	275*	17*	83*	45*	6
	Kansas	55	276*	14	86	47	6
2019	Nation (public)	52	272	20	80	43	6
	Kansas	53	272	18	82	42	4

#### The Nation's Report Card 2019 State Assessment

Percentage of eighth-grade public school students, average scale score, and achievement-level results in NAEP reading, by highest parental education level, year, and jurisdiction: Various years, 1998–2019 —Continued

			Average scale score	Percent			
Highest parent year, and juris	tal education level, diction	Percentage of students		Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
Unknown							
1998 <sup>1</sup>	Nation (public)	10*	241	51	49	12*	#
	Kansas	9*	251	39	61	20	1
1998	Nation (public)	9*	241	49	51	12	#
	Kansas	10	245	46	54	17	1
2002	Nation (public)	9*	246*	44*	56*	14	#
	Kansas	9*	253*	34*	66*	16	1
2003	Nation (public)	11*	242	48	52	13*	#
	Kansas	10	248	41	59	19	1
2005	Nation (public)	11*	242	49	51	12*	#*
	Kansas	10	245	46	54	13	#
2007	Nation (public)	11*	243	47	53	12*	1
	Kansas	11	247	40	60	12	#
2009	Nation (public)	11*	243	47	53	13	#*
	Kansas	11	249	40	60	14	#
2011	Nation (public)	11*	245*	45*	55*	14	1
	Kansas	9*	246	44	56	14	1
2013	Nation (public)	12*	248*	41*	59*	16	1
	Kansas	11	246	43	57	14	#
2015	Nation (public)	12*	246*	44*	56*	15	1
	Kansas	10	245	45	55	13	#
2017	Nation (public)	11*	247*	43*	57*	16	1
	Kansas	11	246	45	55	15	1
2019	Nation (public)	13	242	48	52	15	1
	Kansas	12	243	47	53	14	#

# Rounds to zero.

\* Value is significantly different (p < .05) from the value for the same jurisdiction and student group in 2019.

<sup>1</sup> Accommodations were not permitted for this assessment.

NOTE: The NAEP grade 8 reading scale ranges from 0 to 500. NAEP Achievement levels correspond to the following points on the NAEP reading scales: below NAEP Basic, 242 or lower; NAEP Basic, 243–280; NAEP Proficient, 281–322; and NAEP Advanced, 323 or above. At or above NAEP Basic includes NAEP Proficient, and NAEP Advanced. At or above NAEP Proficient includes NAEP Proficient and NAEP Advanced. Detail may not sum to totals because of rounding. All differences were calculated and tested using unrounded numbers.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 1998–2019 Reading Assessments.

# A More Inclusive NAEP: Students With Disabilities and/or English Language Learners

It is important for NAEP to assess as many students selected to participate as possible. Assessing representative samples of students, including students with disabilities (SD) and English language learners (ELL), helps to ensure that NAEP results accurately reflect the educational performance of all students in the target population, and can continue to serve as a meaningful measure of U.S. students' academic achievement over time.

In March 2010, the National Center for Education Statistics (NCES), working with the National Assessment Governing Board (Governing Board), adopted a new policy to maximize the participation of students with disabilities (SD) and English language learners (ELL).

Today, NAEP continues to explore ways to ensure consistent, inclusive assessment and reporting across all jurisdictions and student populations.

Tables 9-A and 9-B display data for grades 4 and 8 students in Kansas who were identified as SD and/or ELL, by whether they were excluded, assessed with accommodations, or assessed under standard conditions, as a percent of all grades 4 and 8 students in the state.

Tables 10-A and 10-B show the percentages of students assessed in Kansas by disability status and their performance on the NAEP assessment in terms of average scale scores and percentages performing below *Basic*, at or above *Proficient*, and at *Advanced* for grades 4 and 8.

Tables 11-A and 11-B present the percentages of students assessed in Kansas by ELL status, their average scale scores, and their performance in terms of the percentages below *Basic*, at or above *Basic*, at or above *Proficient*, and at *Advanced* for grades 4 and 8.

Tables 12-A and 12-B present the total number of grades 4 and 8 students assessed in each of the participating states and the percentage of students sampled who were excluded.

Table 9-A

## The Nation's Report Card 2019 State Assessment

Percentage of fourth-grade public school students identified as students with disabilities (SD) and/or English language learners (ELL) excluded and assessed in NAEP reading as a percentage of all students, by assessment year and testing status: Various years, 1998–2019

		SD ai	nd/or ELL		SD	ELL		
Year and testing status		Kansas	Nation (public)	Kansas	Nation (public)	Kansas	Nation (public)	
1998	Identified	12	18	9	11	3	7	
	Excluded	4	7	3	5	1	3	
	Assessed without accommodations	5	7	3	4	2	4	
	Assessed with accommodations	4	3	3	3	#	1	
2002	Identified	19	21	14	13	7	9	
	Excluded	5	7	4	5	2	2	
	Assessed without accommodations	7	10	4	4	4	6	
	Assessed with accommodations	7	4	5	4	2	1	
2003	Identified	15	22	13	14	3	10	
	Excluded	3	6	2	5	1	2	
	Assessed without accommodations	4	10	3	4	1	7	
	Assessed with accommodations	9	5	8	5	1	1	
2005	Identified	19	23	13	14	7	11	
	Excluded	4	7	3	5	2	2	
	Assessed without accommodations	6	10	3	4	3	7	
	Assessed with accommodations	8	7	6	5	2	2	
2007	Identified	19	23	12	14	9	11	
	Excluded	6	6	5	5	2	2	
	Assessed without accommodations	8	10	3	3	5	7	
	Assessed with accommodations	6	7	4	6	2	2	
2009	Identified	22	23	14	13	9	11	
	Excluded	6	5	5	4	2	2	
	Assessed without accommodations	8	9	3	3	5	6	
	Assessed with accommodations	9	9	7	7	2	3	
2011	Identified	24	23	14	13	11	11	
	Excluded	2	4	2	3	1	1	
	Assessed without accommodations	10	9	4	3	7	7	
	Assessed with accommodations	12	10	8	7	4	4	
2013	Identified	26	23	15	14	13	11	
	Excluded	2	3	2	2	#	1	
	Assessed without accommodations	11	7	3	2	8	5	
	Assessed with accommodations	13	13	10	9	5	5	
2015	Identified	28	24	15	14	14	12	
	Excluded	2	2	2	2	#	1	
	Assessed without accommodations	12	9	3	3	9	6	
	Assessed with accommodations	14	14	11	10	4	5	
2017	Identified	26	25	15	15	13	12	
	Excluded	2	2	2	2	1	1	
	Assessed without accommodations	16	10	5	4	11	7	
	Assessed with accommodations	8	13	7	9	2	5	
2019	Identified	25	27	15	16	12	13	
	Excluded	2	2	1	2	1	1	
	Assessed without accommodations	12	10	4	3	9	7	
	Assessed with accommodations	11	15	10	11	2	5	

# Rounds to zero.

NOTE: Students identified as both SD and ELL were counted only once under the combined SD and/or ELL category, but were counted separately under the SD and ELL categories. Detail may not sum to totals because of rounding.

Table 9-B

## The Nation's Report Card 2019 State Assessment

Percentage of eighth-grade public school students identified as students with disabilities (SD) and/or English language learners (ELL) excluded and assessed in NAEP reading as a percentage of all students, by assessment year and testing status: Various years, 1998–2019

		SD ar	nd/or ELL		SD	ELL	
Year and testing status		Kansas	Nation (public)	Kansas	Nation (public)	Kansas	Nation (public)
1998	Identified	12	14	9	11	2	3
	Excluded	4	4	3	3	1	1
	Assessed without accommodations	6	7	5	5	1	2
	Assessed with accommodations	2	3	2	2	#	#
2002	Identified	16	18	13	13	4	6
	Excluded	5	6	4	5	2	2
	Assessed without accommodations	6	8	5	5	1	4
	Assessed with accommodations	5	4	4	4	1	1
2003	Identified	16	19	13	14	3	6
	Excluded	4	5	3	4	1	2
	Assessed without accommodations	3	8	3	5	1	4
	Assessed with accommodations	9	5	8	5	1	1
2005	Identified	15	19	13	13	3	6
	Excluded	4	5	4	4	1	1
	Assessed without accommodations	4	7	2	3	1	4
	Assessed with accommodations	7	6	7	6	1	1
2007	Identified	16	19	13	13	4	7
	Excluded	5	5	4	5	1	2
	Assessed without accommodations	5	7	2	3	2	4
	Assessed with accommodations	6	7	6	6	1	1
2009	Identified	17	18	12	13	6	6
	Excluded	5	4	4	4	1	1
	Assessed without accommodations	5	6	2	2	4	3
	Assessed with accommodations	7	8	6	7	1	1
2011	Identified	18	18	12	13	6	6
	Excluded	2	3	2	3	#	1
	Assessed without accommodations	7	5	2	2	5	3
	Assessed with accommodations	8	9	8	8	1	2
2013	Identified	19	17	13	13	8	5
	Excluded	2	2	2	2	#	1
	Assessed without accommodations	6	4	1	2	5	2
	Assessed with accommodations	12	11	10	9	3	3
2015	Identified	22	19	12	13	11	7
	Excluded	1	2	1	2	#	1
	Assessed without accommodations	11	5	3	2	9	3
	Assessed with accommodations	10	12	9	10	2	3
2017	Identified	23	20	13	14	11	7
	Excluded	2	2	1	2	#	1
	Assessed without accommodations	14	6	5	3	10	4
	Assessed with accommodations	7	11	6	9	1	3
2019	Identified	21	21	13	15	9	8
	Excluded	2	2	1	1	1	1
	Assessed without accommodations	10	6	3	2	7	4
	Assessed with accommodations	9	13	9	11	2	3

# Rounds to zero.

NOTE: Students identified as both SD and ELL were counted only once under the combined SD and/or ELL category, but were counted separately under the SD and ELL categories. Detail may not sum to totals because of rounding.

Table 10-A

# The Nation's Report Card 2019 State Assessment

Percentage of fourth-grade public school students, average scale score, and achievement-level results in NAEP reading, by students with disabilities (SD) status, year, and jurisdiction: Various years, 1998–2019

				Percent			
SD status, yea	ar, and jurisdiction	Percentage of students	Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
SD							
1998	Nation (public)	7*	176	76	24	8	1
	Kansas	6*	‡	‡	+	‡	‡
2002	Nation (public)	8*	187*	71	29	9*	1*
	Kansas	10*	187*	69	31	8	1
2003	Nation (public)	10*	184	71	29	9*	1*
	Kansas	11*	185*	71	29	8	1
2005	Nation (public)	10*	190*	67*	33*	11	2
	Kansas	10*	187*	70	30	11	2
2007	Nation (public)	10*	190*	64*	36*	13	2
	Kansas	8*	191*	64*	36*	13	2
2009	Nation (public)	10*	189*	66*	34*	12	2
	Kansas	10*	189*	65*	35*	10	1
2011	Nation (public)	11*	186*	68*	32*	11	2
	Kansas	13	186*	67*	33*	12	2
2013	Nation (public)	12*	184	69	31	11	2
	Kansas	14	183	71	29	13	2
2015	Nation (public)	13*	186*	67*	33*	12	2
	Kansas	14	176	76	24	7	1
2017	Nation (public)	13*	186*	68*	32*	12	2
	Kansas	13	182	71	29	10	1
2019	Nation (public)	14	184	70	30	12	2
See notes at end o	Kansas	14	175	78	22	8	1

Table 10-A

## The Nation's Report Card 2019 State Assessment

Percentage of fourth-grade public school students, average scale score, and achievement-level results in NAEP reading, by students with disabilities (SD) status, year, and jurisdiction: Various years, 1998–2019—Continued

				Percent			
SD status, yea	ar, and jurisdiction	Percentage of students	Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
Not SD							
1998	Nation (public)	93*	216*	40*	60*	29*	7*
	Kansas	94*	223	28	72	35	7
2002	Nation (public)	92*	220*	35*	65*	31*	7*
	Kansas	90*	226	28	72	36	8
2003	Nation (public)	90*	220*	35*	65*	32*	8*
	Kansas	89*	224	29	71	36	8
2005	Nation (public)	90*	220*	34*	66*	32*	7*
	Kansas	90*	224	30	70	35	8
2007	Nation (public)	90*	223*	31*	69*	34*	8*
	Kansas	92*	227	25	75	38	8
2009	Nation (public)	90*	223*	31*	69*	34*	8*
	Kansas	90*	228	24	76	38	8
2011	Nation (public)	89*	224*	30	70	35*	8*
	Kansas	87	229	24	76	40	9
2013	Nation (public)	88*	226	28	72	37	9*
	Kansas	86	230	22	78	42	9
2015	Nation (public)	87*	227*	27*	73*	38	9
	Kansas	86	228	26	74	40	10
2017	Nation (public)	87*	226*	28	72	39	10
	Kansas	87	229	24	76	41	9
2019	Nation (public)	86	225	29	71	38	10
+ Penorting standar	Kansas	86	226	27	73	38	8

‡ Reporting standards not met.

\* Value is significantly different (p < .05) from the value for the same jurisdiction and student group in 2019.

NOTE: The NAEP grade 4 reading scale ranges from 0 to 500. NAEP Achievement levels correspond to the following points on the NAEP reading scales: below *NAEP Basic*, 207 or lower; *NAEP Basic*, 208–237; *NAEP Proficient*, 238–267; and *NAEP Advanced*, 268 or above. At or above *NAEP Basic* includes *NAEP Basic*, *NAEP Proficient*, and *NAEP Advanced*. At or above *NAEP Basic* includes *NAEP Proficient*, and *NAEP Advanced*. At or above *NAEP Proficient* includes *NAEP Proficient* and *NAEP Advanced*. Performance comparisons may be affected by differences in exclusion rates for students with disabilities in the NAEP samples and by differences in sample sizes. Detail may not sum to totals because of rounding. All differences were calculated and tested using unrounded numbers.

Table 10-B

# The Nation's Report Card 2019 State Assessment

Percentage of eighth-grade public school students, average scale score, and achievement-level results in NAEP reading, by students with disabilities (SD) status, year, and jurisdiction: Various years, 1998–2019

				Percent			
SD status, yea	ar, and jurisdiction	Percentage of students	Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
SD							
1998	Nation (public)	8*	224	69	31	6	#
	Kansas	7*	‡	‡	‡	‡	‡
2002	Nation (public)	9*	227	65	35	6*	#*
	Kansas	9*	230*	61	39	5	#
2003	Nation (public)	10*	224*	68*	32*	5*	#*
	Kansas	11	232*	61*	39*	8	#
2005	Nation (public)	9*	226*	67*	33*	6*	#*
	Kansas	9*	235*	61	39	8	1
2007	Nation (public)	9*	226*	66	34	7*	#*
	Kansas	9*	232*	61*	39*	6	#
2009	Nation (public)	10*	229	63	37	8*	#*
	Kansas	8*	236*	59	41	6	#
2011	Nation (public)	10*	230	64	36	7*	#*
	Kansas	10*	231*	65	35	6	#
2013	Nation (public)	11*	231*	62	38	8	#
	Kansas	11	224	71	29	5	#
2015	Nation (public)	12*	229	64	36	8	#*
	Kansas	12	232*	62	38	8	1
2017	Nation (public)	13*	231*	62	38	9	1
	Kansas	11	221	76	24	3	#
2019	Nation (public)	13	228	64	36	9	1
	Kansas	12	221	71	29	5	#

Table 10-B

## The Nation's Report Card 2019 State Assessment

Percentage of eighth-grade public school students, average scale score, and achievement-level results in NAEP reading, by students with disabilities (SD) status, year, and jurisdiction: Various years, 1998–2019—Continued

				Percent			
SD status, yea	ar, and jurisdiction	Percentage of students	Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
Not SD							
1998	Nation (public)	92*	264*	25*	75*	32*	2*
	Kansas	93*	270	16	84	37	2
2002	Nation (public)	91*	266	22	78	33*	3*
	Kansas	91*	273*	15*	85*	42*	3
2003	Nation (public)	90*	266*	23	77	33*	3*
	Kansas	89	270	18	82	38	4
2005	Nation (public)	91*	264*	25*	75*	31*	3*
	Kansas	91*	270	18	82	38	4
2007	Nation (public)	91*	265*	24	76	31*	3*
	Kansas	91*	271	15*	85*	38	2
2009	Nation (public)	90*	266*	22	78	33*	3*
	Kansas	92*	269	17	83	35	2
2011	Nation (public)	90*	267	21*	79*	34*	3*
	Kansas	90*	271*	16	84	39	3
2013	Nation (public)	89*	270*	19*	81*	38	4
	Kansas	89	272*	15*	85*	40	3
2015	Nation (public)	88*	269*	20*	80*	36	4*
	Kansas	88	271	16	84	38	3
2017	Nation (public)	87*	270*	19*	81*	38*	4
	Kansas	89	273*	15*	85*	41	4
2019	Nation (public)	87	267	23	77	36	4
# Pounds to zero	Kansas	88	269	20	80	36	3

# Rounds to zero.

‡ Reporting standards not met.

\* Value is significantly different (p < .05) from the value for the same jurisdiction and student group in 2019.

NOTE: The NAEP grade 8 reading scales ranges from 0 to 500. NAEP Achievement levels correspond to the following points on the NAEP reading scales: below NAEP Basic, 242 or lower; NAEP Basic, 243–280; NAEP Proficient, 281–322; and NAEP Advanced, 323 or above. At or above NAEP Basic includes NAEP Proficient, and NAEP Advanced. At or above NAEP Proficient includes NAEP Proficient and NAEP Advanced. Performance comparisons may be affected by differences in exclusion rates for students with disabilities in the NAEP samples and by differences in sample sizes. Detail may not sum to totals because of rounding. All differences were calculated and tested using unrounded numbers.

Table 11-A

# The Nation's Report Card 2019 State Assessment

Percentage of fourth-grade public school students, average scale score, and achievement-level results in NAEP reading, by English language learner (ELL) status, year, and jurisdiction: Various years, 1998–2019

				Percent			
ELL status, ye	ear, and jurisdiction	Percentage of students	Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
ELL							
1998	Nation (public)	5*	174*	79*	21*	6	1
	Kansas	2*	‡	‡	‡	‡	‡
2002	Nation (public)	7*	183*	76*	24*	5*	#*
	Kansas	6*	197	63	37	9	1
2003	Nation (public)	8*	186*	72*	28*	7*	1
	Kansas	2*	191	67	33	7	#
2005	Nation (public)	9*	187*	73*	27*	7*	1
	Kansas	6*	195	65	35	9	1
2007	Nation (public)	9*	188*	70*	30*	7*	1
	Kansas	7*	201	54	46	14	1
2009	Nation (public)	9*	188*	71*	29*	6*	#*
	Kansas	8*	203	53	47	17	2
2011	Nation (public)	11*	188*	70*	30*	7*	1*
	Kansas	11	203*	52	48	16*	1
2013	Nation (public)	10*	187*	69*	31*	7*	1*
	Kansas	13	203*	51*	49*	17*	2
2015	Nation (public)	11*	189	68	32	8	1
	Kansas	13	201	55	45	15	3
2017	Nation (public)	12*	189*	68*	32*	9	1
	Kansas	13	208*	46*	54*	20*	2
2019	Nation (public)	13	191	65	35	9	1
See notes at end o	Kansas	12	193	61	39	9	1

Table 11-A

## The Nation's Report Card 2019 State Assessment

Percentage of fourth-grade public school students, average scale score, and achievement-level results in NAEP reading, by English language learner (ELL) status, year, and jurisdiction: Various years, 1998–2019—Continued

				Percent			
ELL status, ye	ar, and jurisdiction	Percentage of students	Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
Not ELL							
1998	Nation (public)	95*	215*	41*	59*	29*	7*
	Kansas	98*	222	30	70	34	7
2002	Nation (public)	93*	219*	35*	65*	32*	7*
	Kansas	94*	224	30	70	35	8
2003	Nation (public)	92*	219*	35*	65*	32*	8*
	Kansas	98*	221	33	67	33	8
2005	Nation (public)	91*	220*	34*	66*	32*	7*
	Kansas	94*	222	32	68	34	8
2007	Nation (public)	91*	223	31	69	34*	8*
	Kansas	93*	227*	26	74	38	8
2009	Nation (public)	91*	223	31	69	34*	8*
	Kansas	92*	226	26	74	37	7
2011	Nation (public)	89*	224	30	70	35*	8*
	Kansas	89	226*	27	73	39	9
2013	Nation (public)	90*	225*	29*	71*	37	9*
	Kansas	87	226*	25*	75*	41	9
2015	Nation (public)	89*	225*	28*	72*	38	9
	Kansas	87	224	29	71	38	10
2017	Nation (public)	88*	225*	29*	71*	39*	10
	Kansas	87	225	27	73	40	9
2019	Nation (public)	87	224	30	70	38	10
# Pounds to zero	Kansas	88	223	30	70	37	8

# Rounds to zero.

‡ Reporting standards not met.

\* Value is significantly different (p < .05) from the value for the same jurisdiction and student group in 2019.

NOTE: The NAEP grade 4 reading scale ranges from 0 to 500. NAEP Achievement levels correspond to the following points on the NAEP reading scales: below NAEP Basic, 207 or lower; NAEP Basic, 208-237; NAEP Proficient, 238-267; and NAEP Advanced, 268 or above. At or above NAEP Basic includes NAEP Basic, NAEP Proficient, and NAEP Advanced. At or above NAEP Proficient includes NAEP Proficient and NAEP Advanced. Performance comparisons may be affected by differences in exclusion rates for English language learners in the NAEP samples and by differences in sample sizes. Detail may not sum to totals because of rounding. All differences were calculated and tested using unrounded numbers.

Table 11-B

# The Nation's Report Card 2019 State Assessment

Percentage of eighth-grade public school students, average scale score, and achievement-level results in NAEP reading, by English language learner (ELL) status, year, and jurisdiction: Various years, 1998–2019

				Percent			
ELL status, ye	ear, and jurisdiction	Percentage of students	Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
ELL							
1998	Nation (public)	2*	217	77	23	3	#
	Kansas	2*	‡	‡	‡	‡	‡
2002	Nation (public)	5*	224	71	29	4	#
	Kansas	2*	‡	‡	+	‡	‡
2003	Nation (public)	5*	222	71	29	5	#
	Kansas	2*	‡	‡	‡	‡	‡
2005	Nation (public)	5*	224*	71	29	4	#
	Kansas	2*	‡	‡	+	‡	‡
2007	Nation (public)	6*	222	71	29	4	#
	Kansas	3*	227	67	33	5	#
2009	Nation (public)	5*	219	75	25	3	#
	Kansas	5*	235	61	39	5	#
2011	Nation (public)	5*	223	71	29	3	#
	Kansas	6*	242*	51	49	11	#
2013	Nation (public)	5*	225*	70	30	3	#
	Kansas	8	245*	45*	55*	13*	1
2015	Nation (public)	6*	223	72	28	3	#
	Kansas	11	250*	39*	61*	18	#
2017	Nation (public)	6*	226*	68*	32*	5	#
	Kansas	11	250*	40*	60*	16*	1
2019	Nation (public)	7	221	73	27	3	#
See notes at end o	Kansas	9	231	62	38	5	#

Table 11-B

## The Nation's Report Card 2019 State Assessment

Percentage of eighth-grade public school students, average scale score, and achievement-level results in NAEP reading, by English language learner (ELL) status, year, and jurisdiction: Various years, 1998–2019—Continued

				Percent			
ELL status, ye	ar, and jurisdiction	Percentage of students	Average scale score	Below NAEP Basic	At or above NAEP Basic	At or above NAEP Proficient	At NAEP Advanced
Not ELL							
1998	Nation (public)	98*	262*	28*	72*	30*	2*
	Kansas	98*	268	18*	82*	36	2
2002	Nation (public)	95*	265	24	76	32*	3*
	Kansas	98*	270*	18*	82*	39	3
2003	Nation (public)	95*	263*	25	75	31*	3*
	Kansas	98*	267	22	78	36	3
2005	Nation (public)	95*	262*	27*	73*	30*	3*
	Kansas	98*	267	22	78	35	3
2007	Nation (public)	94*	263*	25	75	31*	2*
	Kansas	97*	269	18*	82*	36	2
2009	Nation (public)	95*	265	24*	76*	32*	3*
	Kansas	95*	268	18*	82*	34	2
2011	Nation (public)	95*	266	23*	77*	33	3*
	Kansas	94*	269*	19	81	37	3
2013	Nation (public)	95*	268*	21*	79*	36	4
	Kansas	92	269	20	80	38	3
2015	Nation (public)	94*	267*	22*	78*	35	3*
	Kansas	89	269	19	81	37	3
2017	Nation (public)	94*	268*	22*	78*	37*	4
	Kansas	89	270*	20	80	39*	4
2019	Nation (public)	93	265	25	75	35	4
	Kansas	91	266	23	77	35	3

# Rounds to zero.

‡ Reporting standards not met.

\* Value is significantly different (p < .05) from the value for the same jurisdiction and student group in 2019.

NOTE: The NAEP grade 8 reading scale ranges from 0 to 500. NAEP Achievement levels correspond to the following points on the NAEP reading scales: below NAEP Basic, 242 or lower; NAEP Basic, 243–280; NAEP Proficient, 281–322; and NAEP Advanced, 323 or above. At or above NAEP Basic includes NAEP Basic, NAEP Proficient, and NAEP Advanced. At or above NAEP Proficient includes NAEP Proficient and NAEP Advanced. Performance comparisons may be affected by differences in exclusion rates for English language learners in the NAEP samples and by differences in sample sizes. Detail may not sum to totals because of rounding. All differences were calculated and tested using unrounded numbers.



The Nation's Report Card 2019 State Assessment

Number of fourth-grade public school students assessed in NAEP reading and weighted percentage excluded, by state/jurisdiction: 2019

State/jurisdiction	Number assessed	Weighted percentage excluded
Nation (public)	144,700	2
Alabama	2,400	1
Alaska	2,300	1
Arizona	2,500	1
Arkansas	2,300	2
California	6,000	
Colorado	3,200	3
Connecticut	2,300	2
Delaware	2,300	2
Florida	5,600	2
Georgia	3,400	2
Hawaii		2
	2,200	2
Idaho	2,400	1
Illinois	3,500	
Indiana	2,300	2
lowa	2,200	2
Kansas	2,200	2
Kentucky	3,100	3
Louisiana	2,200	2
Maine	2,200	2
Maryland	3,200	3
Massachusetts	3,300	3
Michigan	3,300	2
Minnesota	2,400	1
Mississippi	2,400	1
Missouri	2,400	1
Montana	2,300	2
Nebraska	2,500	
Nevada	2,500	2
New Hampshire	2,200	1
New Jersey	2,200	2
New Mexico	2,200	1
New York		3
	3,100	
North Carolina	4,400	2
North Dakota	2,300	2
Ohio	3,500	2
Oklahoma	2,300	2
Oregon	2,400	1
Pennsylvania	3,100	3
Rhode Island	2,300	3
South Carolina	2,400	1
South Dakota	2,300	2
Tennessee	3,100	2
Texas	7,100	4
Utah	2,400	1
Vermont	2,400	1
Virginia	2,300	1
Washington	2,500	2
West Virginia	2,300	1
Wisconsin	3,500	2
Wyoming	2,200	1
Other jurisdictions	2,200	
District of Columbia	2,500	2
	2,300	2
DoDEA <sup>1</sup> <sup>1</sup> Department of Defense Education Activity (overseas and domestic scho		۷

<sup>1</sup> Department of Defense Education Activity (overseas and domestic schools).

NOTE: The number of Students assessed is rounded to the nearest hundred. SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2019 Reading Assessment.



The Nation's Report Card 2019 State Assessment

Number of eighth-grade public school students assessed in NAEP reading and weighted percentage excluded, by state/jurisdiction: 2019

State/jurisdiction	Number assessed	Weighted percentage excluded
Nation (public)	138,100	2
Alabama	2,200	2
Alaska	2,100	1
Arizona	2,300	2
Arkansas	2,200	2
California	5,700	2
Colorado	3,000	1
Connecticut	2,200	2
Delaware	2,300	2
Florida	5,500	3
Georgia	3,400	3
Hawaii	2,200	1
Idaho	2,200	1
Illinois		1
	3,400	1
Indiana	2,100	2
lowa	2,300	1
Kansas	2,200	2
Kentucky	3,000	2
Louisiana	2,100	3
Maine	2,200	2
Maryland	3,000	3
Massachusetts	3,300	3
Michigan	3,200	3
Minnesota	2,400	2
Mississippi	2,200	1
Missouri	2,400	1
Montana	2,300	1
Nebraska	2,400	1
Nevada	2,300	1
New Hampshire	2,100	1
New Jersey	2,100	2
New Mexico	2,700	2
New York	3,000	2
North Carolina	4,300	1
North Dakota	2,200	1
Ohio	3,200	2
Oklahoma	2,200	2
	2,200	1
Oregon		2
Pennsylvania Phada Jaland	3,000	
Rhode Island	2,200	2
South Carolina	2,300	1
South Dakota	2,200	2
Tennessee	3,100	2
Texas	6,900	2
Utah	2,400	1
Vermont	2,400	1
Virginia	2,100	2
Washington	2,300	2
West Virginia	2,200	1
Wisconsin	3,200	2
Wyoming	2,100	2
Other jurisdictions		
District of Columbia	1,800	2
DoDEA <sup>1</sup>	1,700	1
<sup>1</sup> Department of Defense Education Activity (overseas and domestic sch		

<sup>1</sup> Department of Defense Education Activity (overseas and domestic schools).

NOTE: The number of Students assessed is rounded to the nearest hundred. SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2019 Reading Assessment.

# Where to Find More Information

#### **The NAEP Reading Assessment**

More information about the 2019 NAEP reading assessment and the results can be found on the NAEP website at <a href="https://nces.ed.gov/nationsreportcard/reading/">https://nces.ed.gov/nationsreportcard/reading/</a>. The individual snapshot reports for each participating state and other jurisdictions are also available in the state results section of the website at <a href="https://nces.ed.gov/nationsreportcard/states/">https://nces.ed.gov/nationsreportcard/reading/</a>. The individual snapshot reports for each participating state and other jurisdictions are also available in the state results section of the website at <a href="https://nces.ed.gov/nationsreportcard/states/">https://nces.ed.gov/nationsreportcard/states/</a>.

The *Reading Framework for the National Assessment of Educational Progress*, on which this assessment is based, is available at the National Assessment Governing Board website at https://www.nagb.gov/naep-frameworks/reading.html.

#### The NAEP Data Explorer (NDE)

The NAEP Data Explorer (NDE), available at https://nces.ed.gov/nationsreportcard/naepdata/, is an interactive database with which users can design and create tables and perform tests of statistical significance. The NDE includes student, teacher, and school variables for all participating districts, states, and the nation. Data tables are also available for participating districts, with all contextual questions cross-tabulated with the major demographic variables.

#### **Technical Documentation on the Web (TDW)**

The Technical Documentation on the Web (TDW) section of the NAEP website is written for researchers and assumes knowledge of educational measurement and testing. TDW contains information about the technical procedures and methods of NAEP: how the assessment is designed and conducted, and how data are analyzed.

#### Publications on the inclusion of students with disabilities and/or English language learners

References for a variety of research publications related to the assessment of SD and/or ELL students may be found at https://nces.ed.gov/nationsreportcard/about/inclusion.asp#research.

#### **To order publications**

Some recent NAEP publications related to reading are accessible via the reading page of the NAEP website (<u>https://nces.ed.gov/nationsreportcard/reading/</u>, under "Reading Publications"). These and others are available through the IES Publications and Products Search site at: <u>https://ies.ed.gov/pubsearch/</u>. Publications can also be ordered from:

Education Publications Center (ED Pubs) U.S. Department of Education P.O. Box 22207 Alexandria, VA 22304

Call toll free: 1-877-4ED-Pubs (1-877-433-7827) TTY/TDD: 1-877-576-7734 FAX: 1-703-605-6794 Order online at: https://www.ed.gov/edpubs/.

The NAEP State Report Generator was developed for the NAEP 2019 reports by Phillip Leung, Patricia Donahue, Marc Berger, Rick Hasney, Ming Kuang, and Amy De Santo.

# What is the Nation's Report Card<sup>™</sup>?

The Nation's Report Card™ informs the public about the academic achievement of elementary and secondary students in the United States. Report cards communicate the findings of the National Assessment of Educational Progress (NAEP), a continuing and nationally representative measure of achievement in various subjects over time.

Since 1969, NAEP assessments have been conducted periodically in reading, mathematics, science, writing, U.S. history, civics, geography, and other subjects. NAEP collects and reports information on student performance at the national, state, and local levels, making the assessment an integral part of our nation's evaluation of the condition and progress of education. Only academic achievement data and related background information are collected. The privacy of individual students and their families is protected.

NAEP is a congressionally authorized project of the National Center for Education Statistics (NCES) within the Institute of Education Sciences of the U.S. Department of Education. The Commissioner of Education Statistics is responsible for carrying out the NAEP project. The National Assessment Governing Board oversees and sets policy for NAEP.

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**Mark Schneider** Director Institute of Education Sciences

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