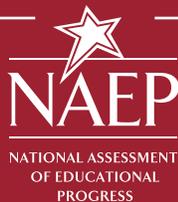


# Measure Up

NAEP NEWS FOR THE SCHOOL COMMUNITY



## IN THIS EDITION

THANK YOU!

WHAT'S HAPPENING IN THE WORLD OF NAEP?

NAEP ARTS ASSESSMENT

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NATIONAL AND INTERNATIONAL ASSESSMENTS

PISA 2015

## SPRING/SUMMER 2015



## WHAT'S HAPPENING IN THE WORLD OF NAEP?

### MARCH 2015

- [NAEP 2013 Vocabulary Release](#)

### APRIL 2015

- [NAEP 2014 U.S. History, Geography, and Civics Release](#)

### WINTER 2016

- Grade 8: [Arts](#)
- Pilot Assessments on Tablets :
  - Grades 4 and 8: [Mathematics](#) and [Reading](#)
  - Grades 8 and 12: [Writing](#)
  - Each student will be assessed in one format and one subject only.
  - Results from the pilots will not be released, but will be used to prepare for future assessments.

## THANK YOU!

Thanks to all schools that participated in the NAEP 2015 assessments and helped to make it a success. The assessments were administered between January and March and measured students' knowledge and skills in mathematics, reading, and science. American Indian and Alaska Native students who participated in the NAEP assessments at grades 4 and 8 were also included in the [National Indian Education Study](#).



For more information about NAEP, visit:  
<http://nces.ed.gov/nationsreportcard>

Find us on:

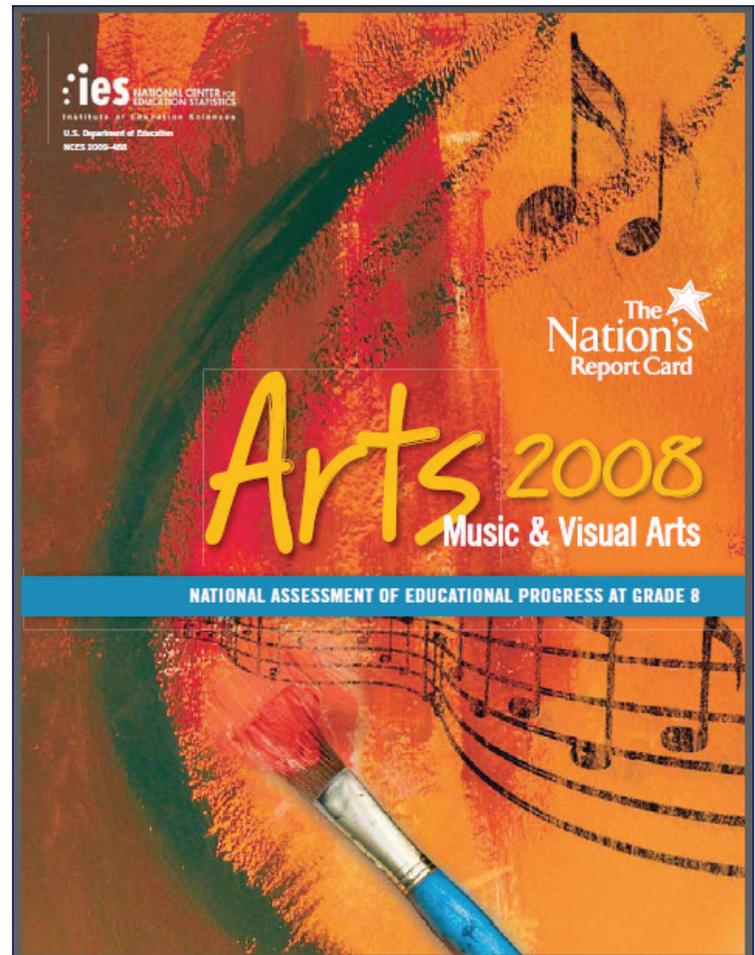


## NAEP ARTS ASSESSMENT

In 2008, the NAEP arts assessment measured students' knowledge and skills in the arts by asking them to observe, describe, analyze, and evaluate existing works of music and visual art and to create original works of visual art. Between January and March 2016, NAEP will assess eighth-grade students in either music or the visual arts.

The arts assessment exercises and scoring criteria were developed by a committee of arts and measurement experts, the [NAEP Arts Committee](#), guided by the goals of the framework. The National Assessment Governing Board (Governing Board) oversees the development of [NAEP frameworks](#) and ensures they are appropriate for current educational requirements. Teachers, researchers, measurement experts, policymakers, and members of the general public are also involved in the developmental process. The [arts framework](#) describes the [goals of the arts assessment](#) and the exercises to be featured.

The framework specifies that students' arts knowledge and skills be measured in four arts disciplines: dance, music, theater, and visual arts. In 2008, NAEP assessed students in music and visual arts only due to the small percentage of schools with dance and theater programs. The 2008 art assessment is based on a nationally representative [sample](#) of eighth-grade students.



## NAEP E-LIBRARY

The [NAEP e-Library](#) is a portal to various resources and reports that provide information about the NAEP program and assessment. Within the portal, guides, manuals, and glossaries offer an overview of NAEP and NAEP terminology. Links to various papers and reports detail the technical components of NAEP and demonstrate how NAEP data can be used for the purpose of secondary analysis. The NAEP e-Library also archives material from NAEP operations that could be helpful to researchers.

- Get an [overview of NAEP and NAEP terms](#).
- Focus on [special NAEP research topics](#).
- Examine [background questionnaires](#) from previous NAEP assessments.
- View [materials for NAEP administrators](#) to learn about the administration process.

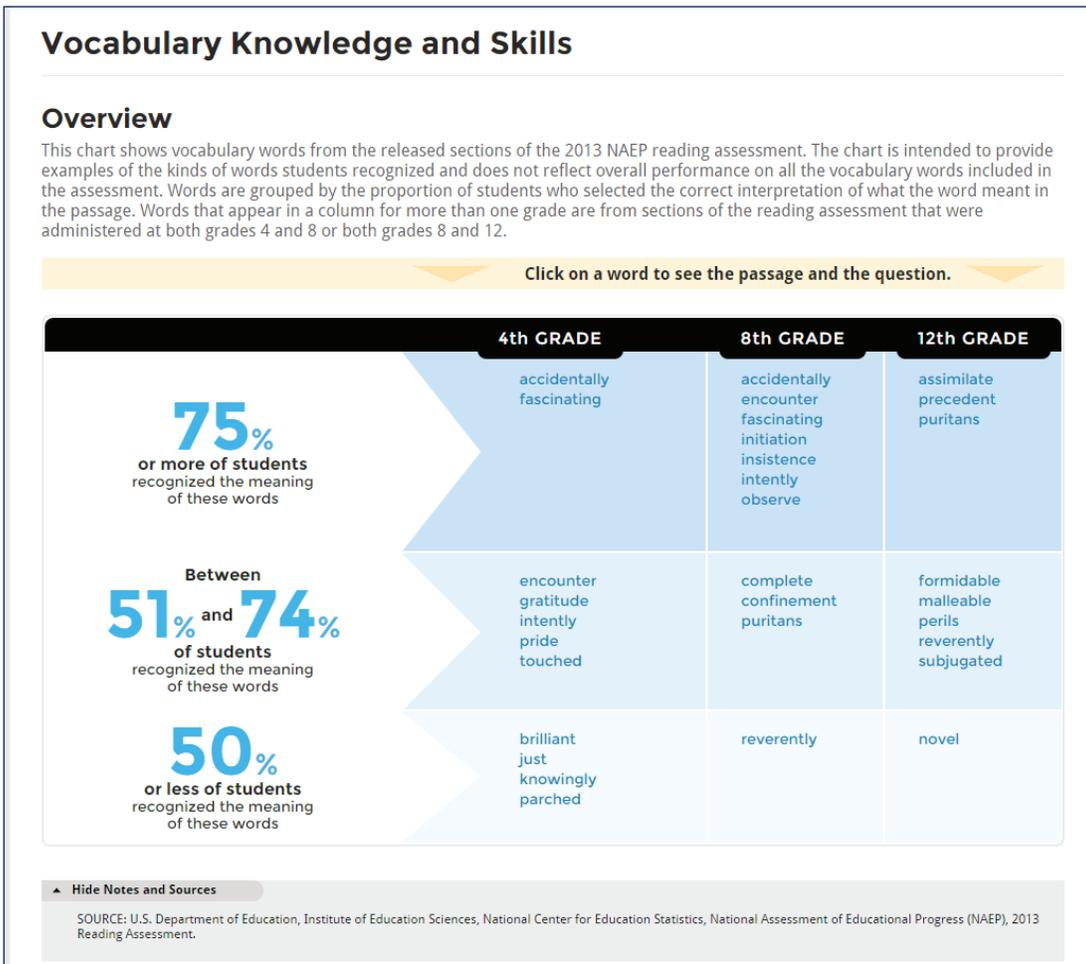
## NAEP 2013 VOCABULARY RELEASE

In 2009, the NAEP revised the reading assessment by integrating the measurement of students’ understanding of word meaning with the measurement of passage comprehension in the reading assessment. Students were asked to demonstrate their understanding of words as used in literary and informational texts. This focus on students’ understanding of word meaning highlights the importance of vocabulary in reading comprehension.

Vocabulary results from the 2013 reading assessment are based on nationally representative samples of 190,400 fourth-graders, 171,800 eighth-graders, and 45,900 twelfth-graders. The national results reflect the performance of students attending public schools, private schools, Bureau of Indian Education schools, and Department of Defense schools.

[NAEP vocabulary results](#) are reported as the percentages of students who correctly answered vocabulary questions and as average scores on a 0–500 scale for grades 4, 8, and 12. The vocabulary scale was developed separately from the main NAEP reading comprehension scale and is based solely on the vocabulary questions. The scale is used to report vocabulary results, not overall reading comprehension. While vocabulary results cannot be reported in terms of the NAEP achievement levels (*Basic, Proficient, and Advanced*), [scores are reported to show patterns in results](#) for students performing at lower (10th and 25th), middle (50th), and higher (75th and 90th) percentiles. Results from the 2013 assessments are compared to those from 2009 and 2011 for grades 4 and 8, and from 2009 at grade 12. The reading assessment was not administered at grade 12 in 2011.

The [Vocabulary Knowledge and Skills](#) chart below provides examples of words students recognized.



## NAEP 2014 U.S. HISTORY, GEOGRAPHY, AND CIVICS

In 2014, NAEP measured the knowledge of the nation’s eighth–graders in U.S. history, geography, and civics. The chart below [summarizes the changes in student performance](#) overall and by specific demographic groups compared to the first assessment year, 1994, and 2010, the last assessment year these subjects were administered.

- Compared to 1994, overall scores have increased in U.S. history and civics.
- There have been no changes in the overall scores in any of the three subjects from 2010.
- Across all three subjects, scores have increased since 1994 for White and Hispanic students.

- The scores for Black students increased in U.S. history and geography from 1994.

Students performing at or above the *Proficient* level on NAEP assessments demonstrate solid academic performance and competency over challenging subject matter. In 2014, eighteen percent of eighth-graders performed at or above the *Proficient* level in U.S. history, 27 percent performed at or above the *Proficient* level in geography, and 23 percent performed at or above the *Proficient* level in civics.

Below is an [overview of the results and the assessment content](#) for the 2014 U.S. history, geography, and civics assessments.

Change in average scores and score gaps for eighth-grade students assessed in NAEP U.S. history, geography, and civics, by selected student groups: Various years, 1994–2014

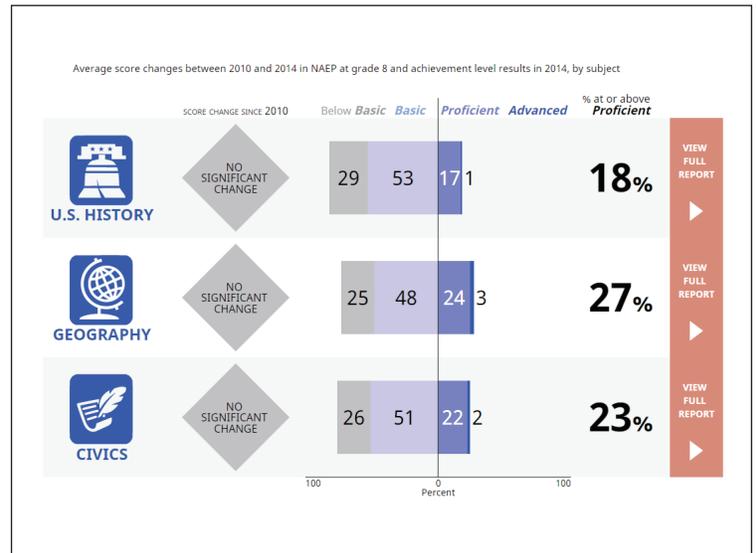
	U.S. History (0–500 scale)		Geography (0–500 scale)		Civics (0–300 scale)	
	Change from 1994 <sup>1</sup>	Change from 2010	Change from 1994 <sup>1</sup>	Change from 2010	Change from 1998	Change from 2010
<b>All students</b>	↑ 8	◆	◆	◆	◆	↑ 4
<b>Race/ethnicity</b>						
White	↑ 11	↑ 3	◆	◆	◆	↑ 4
Black	↑ 13	◆	↑ 11	◆	◆	◆
Hispanic	↑ 13	↑ 4	↑ 10	↑ 4	◆	↑ 14
Asian/Pacific Islander	↑ 18	◆	◆	◆	◆	◆
<b>Gender</b>						
Male	↑ 10	◆	◆	◆	◆	↑ 6
Female	↑ 6	◆	◆	◆	◆	◆
<b>Type of school</b>						
Public	↑ 9	◆	◆	◆	◆	↑ 5
Private	◆	◆	◆	◆	◆	◆
<b>Students eligible for free or reduced-price school lunch</b>	†	◆	†	◆	†	↑ 4
<b>Students with disabilities</b>	†	◆	†	◆	†	↑ 12
<b>English language learners</b>	†	◆	†	◆	†	↑ 14
<b>Score gaps</b>						
White – Black	◆	◆	◆◆	◆	◆	◆
White – Hispanic	◆	◆	◆◆	◆	◆	◆◆
Male – Female	↔	◆	◆	◆	◆	◆

◆ Score gain ◆ No significant score change † Not applicable ◆◆ Score gap widened ◆◆◆ Score gap narrowed

NOTE: Since NAEP scale scores are derived independently for each subject, the score changes or changes in gaps cannot be compared across NAEP subjects. Findings are reported based on the statistical significance level set at  $p < .05$ . For the NSLP eligibility category, results for the 1994, 1998, and 2001 assessment years are not reported because of the improved quality of the data on students’ eligibility for the school lunch program beginning in 2006. See more information about race/ethnicity at <http://nces.ed.gov/nationsreportcard/ushistory/interpret-results.aspx#repgroups>.

Black includes African American, Hispanic includes Latino, and Pacific Islander includes Native Hawaiian. Race categories exclude Hispanic origin. Results are not shown for students whose race/ethnicity was American Indian/Alaska Native or whose race/ethnicity was unclassified or two or more races. See more information about race/ethnicity at <http://nces.ed.gov/nationsreportcard/ushistory/interpret-results.aspx>. Students with disabilities includes students identified as having either an Individualized Education Program or protection under Section 504 of the Rehabilitation Act of 1973. The results for students with disabilities and English language learners are based on students who were assessed and cannot be generalized to the total population of such students.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 1994–2014 U.S. History, Geography, and Civics Assessments.



NOTE: Since NAEP scale scores and achievement levels are derived independently for each subject, the scores, score changes, or changes in gaps levels cannot be compared across NAEP subjects. Findings are reported based on the statistical significance level set at  $p < .05$ . Detail may not sum to totals because of rounding.

The NAEP scales for U.S. history and geography range from 0 to 500, and the NAEP civics scale ranges from 0 to 300. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 1994–2014 U.S. History, Geography, and Civics Assessments.

## NATIONAL AND INTERNATIONAL ASSESSMENTS

During the 2015-2016 school year, the National Center for Education Statistics will recruit for, administer, and release the results of national and international assessments. The

calendar below provides a general time frame of when various national and international assessment activities occur.



# 2015-2016

## National and International Assessment Activities

**RECRUIT**

**ADMINISTER**

**RELEASE**

**During the 2015–2016 school year, NCES will recruit for, administer, and release the results of national and international assessments, as well as other longitudinal studies, at grades K through 12.**

Summer 2015	Fall 2015	Winter 2015/2016	Spring 2016
<b>MGLS:2017</b> Math and Reading Field Test: <i>Grades 6, 7, and 8</i>		<b>MGLS:2017</b> Math and Reading Field Test: <i>Grades 6, 7, and 8</i>	<b>ECLS-K:2011</b> <i>Grade 5</i>
<b>NAEP 2016</b> Arts: <i>Grade 8</i> Math and Reading Pilot Digitally Based Assessments: <i>Grades 4 and 8</i> Writing Pilot Digitally Based Assessment: <i>Grades 8 and 12</i>	<b>ECLS-K:2011</b> <i>Grade 5</i> <b>PISA 2015</b> Math, Reading, Science, Collaborative Problem Solving, and Financial Literacy: <i>Age 15</i>	<b>NAEP 2016</b> Arts: <i>Grade 8</i> Math and Reading Pilot Digitally Based Assessments: <i>Grades 4 and 8</i> Writing Pilot Digitally Based Assessment: <i>Grades 8 and 12</i>	<b>PIRLS 2016</b> Reading: <i>Grade 4</i>
<b>PIRLS 2016</b> Reading: <i>Grade 4</i>		<b>ECLS-K:2011</b> Restricted-Use Data: <i>Grade 3</i>	
<b>HSLs:09</b> 2013 Update and High School Transcripts	<b>NAEP 2014</b> Technology and Engineering Literacy (National): <i>Grade 8</i>	<b>NAEP 2015</b> Math and Reading (Trial Urban District Assessment): <i>Grades 4 and 8</i>	
<b>NAEP</b> Black Males Report: <i>Grade 8</i>	<b>NAEP 2015</b> Math and Reading (State and National): <i>Grades 4 and 8</i>		

**ECLS-K:2011** – Early Childhood Longitudinal Study, Kindergarten Class of 2010-11  
**HSLs:09** – High School Longitudinal Study of 2009  
**MGLS:2017** – Middle Grades Longitudinal Study of 2016-2017  
**NAEP** – National Assessment of Educational Progress

**PIRLS** – Progress in International Reading Literacy Study  
**PISA** – Program for International Student Assessment  
**TIMSS** – Trends in International Mathematics and Science Study

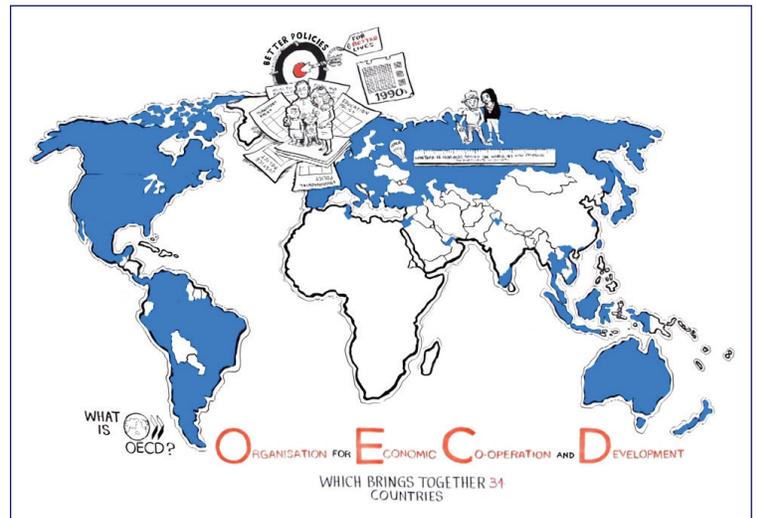
## PROGRAM FOR INTERNATIONAL STUDENT ASSESSMENT (PISA) 2015

[PISA](#) is an international assessment that measures 15-year-old students' reading, mathematics, and science literacy every 3 years. The assessment emphasizes functional skills that students have acquired as they near the end of compulsory schooling. PISA is coordinated by the [Organization for Economic Cooperation and Development \(OECD\)](#), an intergovernmental organization of industrialized countries, and is conducted in the United States by NCES.

PISA will be administered in fall 2015 and will assess students' mathematics, reading, and science literacy in more than 70 countries and educational jurisdictions.

Science is the major subject area in 2015, as it was in 2006. PISA 2015 will also include a collaborative problem solving assessment and an optional financial literacy assessment. Fifteen-year-old students in the United States will also participate in the optional assessment.

PISA 2012 assessed students' mathematics, reading, and science literacy. [Results for PISA 2012 mathematics, reading, and science](#) were released in December 2013. [The PISA 2012 problem solving results](#) were released in April 2014. [The PISA 2012 financial literacy results](#) were released in July 2014.



## ONLINE RESOURCES

### WHAT'S HAPPENING IN THE WORLD OF NAEP

Mathematics assessment	<a href="http://nces.ed.gov/nationsreportcard/mathematics">http://nces.ed.gov/nationsreportcard/mathematics</a>
Reading assessment	<a href="http://nces.ed.gov/nationsreportcard/reading">http://nces.ed.gov/nationsreportcard/reading</a>
Science assessment	<a href="http://nces.ed.gov/nationsreportcard/science">http://nces.ed.gov/nationsreportcard/science</a>
Writing assessment	<a href="http://nces.ed.gov/nationsreportcard/writing/">http://nces.ed.gov/nationsreportcard/writing/</a>
NAEP 2013 Vocabulary release	<a href="http://www.nationsreportcard.gov/reading_2013/vocabulary/">http://www.nationsreportcard.gov/reading_2013/vocabulary/</a>
NAEP 2014 U.S. History, Geography, and Civics release	<a href="http://www.nationsreportcard.gov/hgc_2014/">http://www.nationsreportcard.gov/hgc_2014/</a>
NAEP 2014 U.S. History, Geography, and Civics release	<a href="http://nces.ed.gov/nationsreportcard/arts/">http://nces.ed.gov/nationsreportcard/arts/</a>

### NAEP ARTS ASSESSMENT

Arts assessment	<a href="http://nces.ed.gov/nationsreportcard/arts/">http://nces.ed.gov/nationsreportcard/arts/</a>
Arts Education Assessment Framework	<a href="http://www.nagb.org/publications/frameworks/arts/2008-arts-framework.html">http://www.nagb.org/publications/frameworks/arts/2008-arts-framework.html</a>

### NAEP E-LIBRARY

NAEP e-Library	<a href="https://nces.ed.gov/nationsreportcard/researchcenter/library.aspx">https://nces.ed.gov/nationsreportcard/researchcenter/library.aspx</a>
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### NAEP 2013 VOCABULARY RELEASE

NAEP 2013 Vocabulary Release	<a href="http://www.nationsreportcard.gov/reading_2013/vocabulary/">http://www.nationsreportcard.gov/reading_2013/vocabulary/</a>
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### PROGRAM FOR INTERNATIONAL STUDENT ASSESSMENT (PISA) 2015

Organization for Economic Cooperation and Development (OECD)	<a href="http://www.oecd.org/pisa/aboutpisa/">http://www.oecd.org/pisa/aboutpisa/</a>
Program for International Student Assessment (PISA) 2015	<a href="http://nces.ed.gov/surveys/pisa/">http://nces.ed.gov/surveys/pisa/</a>
Results for PISA 2012	<a href="http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2014024">http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2014024</a>
PISA 2012 problem solving results	<a href="http://nces.ed.gov/surveys/pisa/pisa2012/pisa2012highlights_11.asp">http://nces.ed.gov/surveys/pisa/pisa2012/pisa2012highlights_11.asp</a>
PISA 2012 financial literacy	<a href="http://nces.ed.gov/surveys/pisa/pisa2012/pisa2012highlights_12.asp">http://nces.ed.gov/surveys/pisa/pisa2012/pisa2012highlights_12.asp</a>

### NATIONAL ASSESSMENT GOVERNING BOARD

National Assessment Governing Board	<a href="http://www.nagb.org/">http://www.nagb.org/</a>
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