

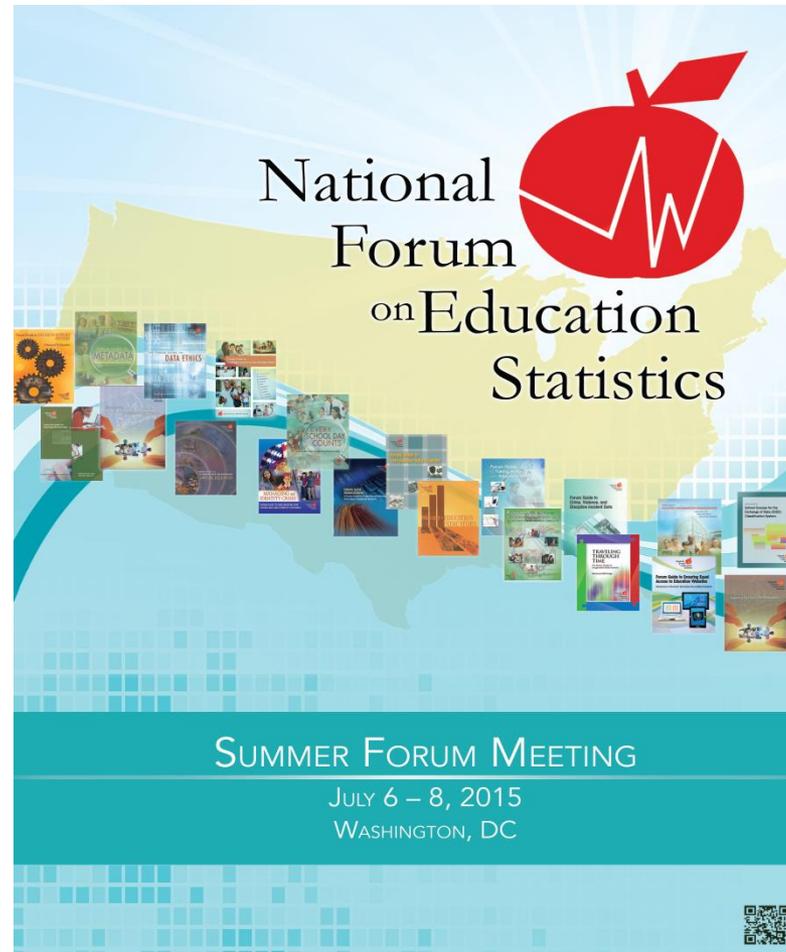
Summer Forum 2015 NCES Update

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Acting Commissioner, National Center for
Education Statistics

National Forum on Education Statistics
July 8, 2015

Partners in Ensuring Quality Education Statistics

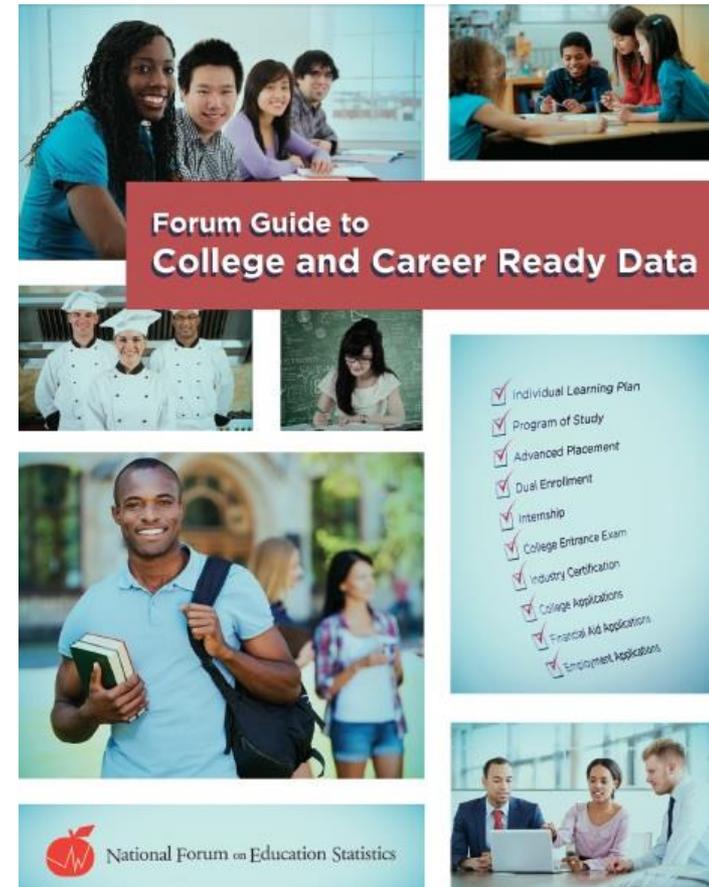


College and Career Readiness

National policy goal: greatest proportion of college graduates in world

New guide from Forum outlines data needs and helpful analytics for:

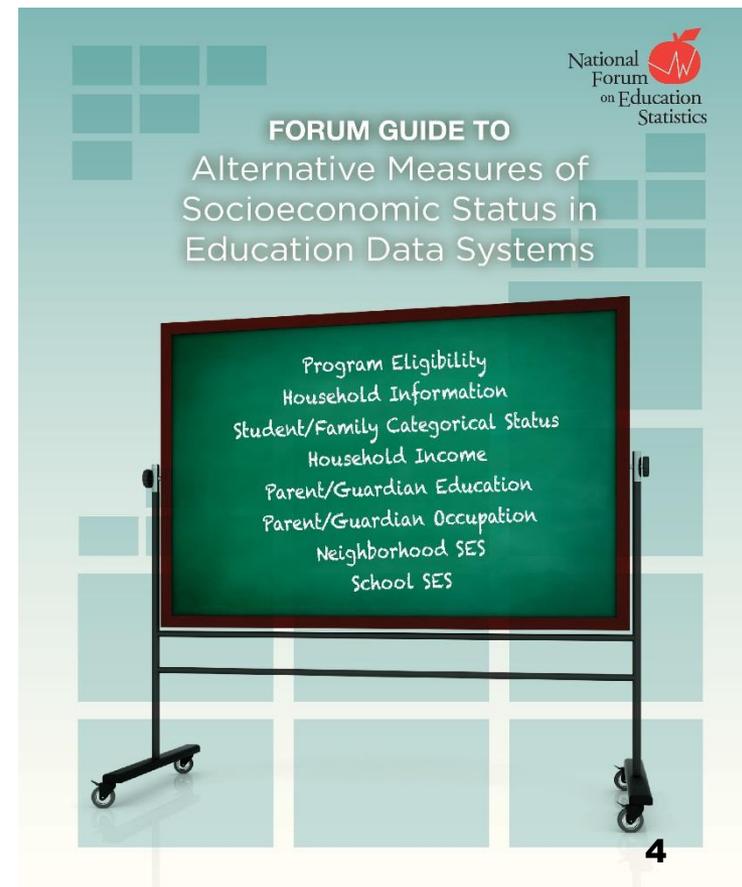
- Individual learning plans
- Educator support systems
- Postsecondary feedback loops
- Accountability systems
- Career technical and education programs



Identifying Alternative Measures of Socioeconomic Status

NSLP eligibility's reliability as proxy has diminished

- Forum has identified:
 - Eight plausible alternative measures for socioeconomic status (SES)
 - Implications of collecting and interpreting a range of SES-related data



School Courses for the Exchange of Data (SCED) Version 3.0

SCED is a voluntary, common classification system for elementary and secondary school courses. Uniform classification system is critical for understanding what is being taught in American schools.

Recent Forum and NCES SCED Initiatives:

- SCED Version 3.0. <http://nces.ed.gov/forum/SCED.asp>.
- The SCED Finder tool. <http://nces.ed.gov/scedfinder>.
- NCES transcript studies now use SCED system.

NCES Updates



Condition of Education

81% of high school students in 2011-12 graduated on time with a regular diploma (74% in 1990)

66% of high school students in 2013 immediately enrolled into college (70% in 2009)

85% of first-time, full-time undergraduates at 4-year degree granting institutions receive financial aid (80% in 2007-08)

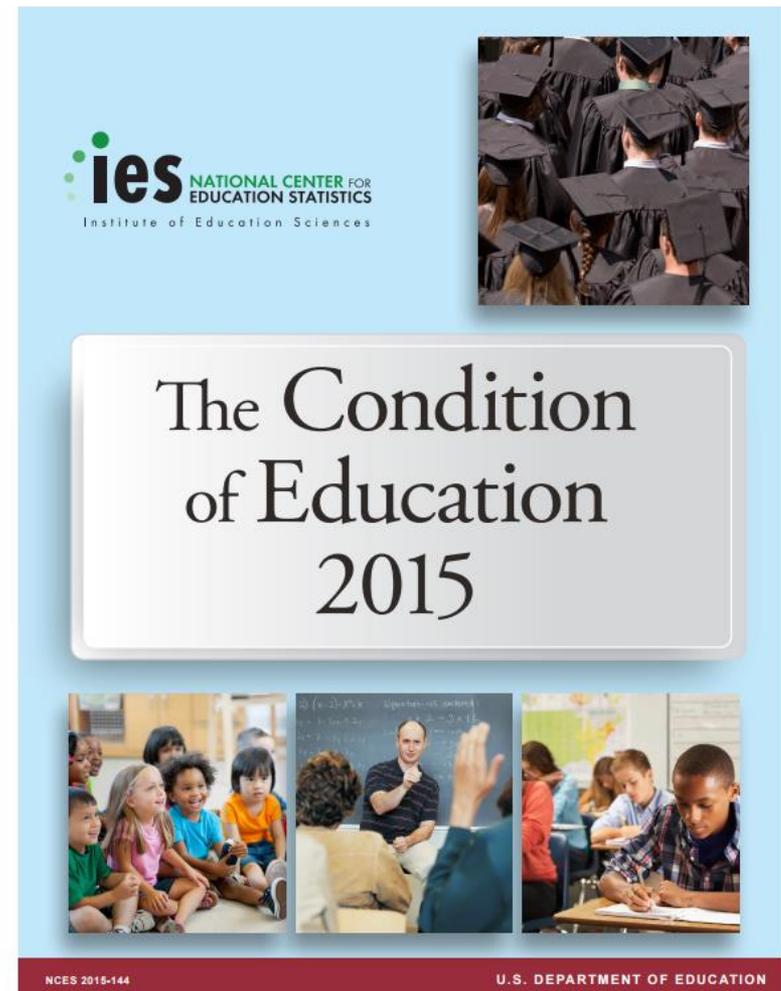
Schools today are **safer**. In 2012, **49** per **1,000** students reported being victimized at school. (**182** per **1,000** in 1992)

In **2014, for first time, enrollment** in U.S. public elementary and secondary schools **was majority-minority (Whites: 49.8%)**

42% of grade 4 students performed at or above **Proficient** in NAEP mathematics in 2013 (13% in 1990)

According to PISA, **performance of U.S. 15-year-olds** in **mathematics** literacy, **science** literacy, and **reading** literacy **showed no change** between **2000** and **2012**

From 1990 to 2013, the **Hispanic** high school **dropout rate** declined from 32% to **12%**, while the **Black** dropout rate decreased from 13% to **7%**



The cover of the report "The Condition of Education 2015" features the logo of the National Center for Education Statistics (IES) at the top left. The logo consists of three green dots of varying sizes to the left of the text "ies NATIONAL CENTER FOR EDUCATION STATISTICS" and "Institute of Education Sciences" below it. To the right of the logo is a photograph of a graduation ceremony with students in black gowns and caps. The title "The Condition of Education 2015" is centered in a large, white, serif font. At the bottom of the cover, there are three smaller photographs: a group of diverse young children sitting on a floor, a teacher standing at a chalkboard with students in the foreground, and a student working at a desk. The bottom of the cover has a dark red banner with the text "NCES 2015-144" on the left and "U.S. DEPARTMENT OF EDUCATION" on the right.

Data Videos on the Condition of Education

Do approaches to learning scores differ by race/ethnicity or parental education?

4:12

Kindergartners' Approaches to Learning Behaviors: An...
65 views • 3 weeks ago

CC

Preprimary programs are that are organized to and include

groups or classes

provide educational experiences for children

kindergarten, preschool, and nursery school programs

3:09

Preprimary Enrollment: An Update on the Condition of...
153 views • 1 month ago

CC



2:35

What is the Condition of Education?

2,082 views • 1 year ago

CC



2:35

Highlights of U.S. PISA 2012 Results

7,614 views • 1 year ago

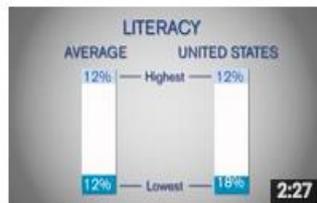
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2:32

Teacher Characteristics

566 views • 1 year ago



2:27

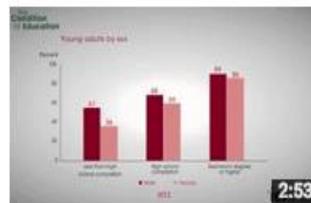
The Program for the International Assessment o...
1,469 views • 1 year ago



2:56

School Crime and Safety

1,643 views • 1 year ago

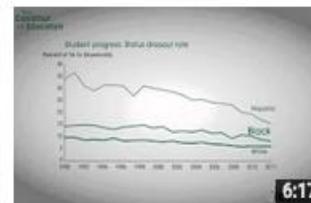


2:53

Employment Rates of Young Adults

373 views • 2 years ago

CC



6:17

Condition of Education 2013: Key Indicators

894 views • 2 years ago

CC



2:45

Condition of Education Web Remodel and Mobile Launch

96 views • 2 years ago

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<https://www.youtube.com/user/EdNCES/videos>

Assessment Landscape



Comparing NAEP Math and Common Core Math: Findings

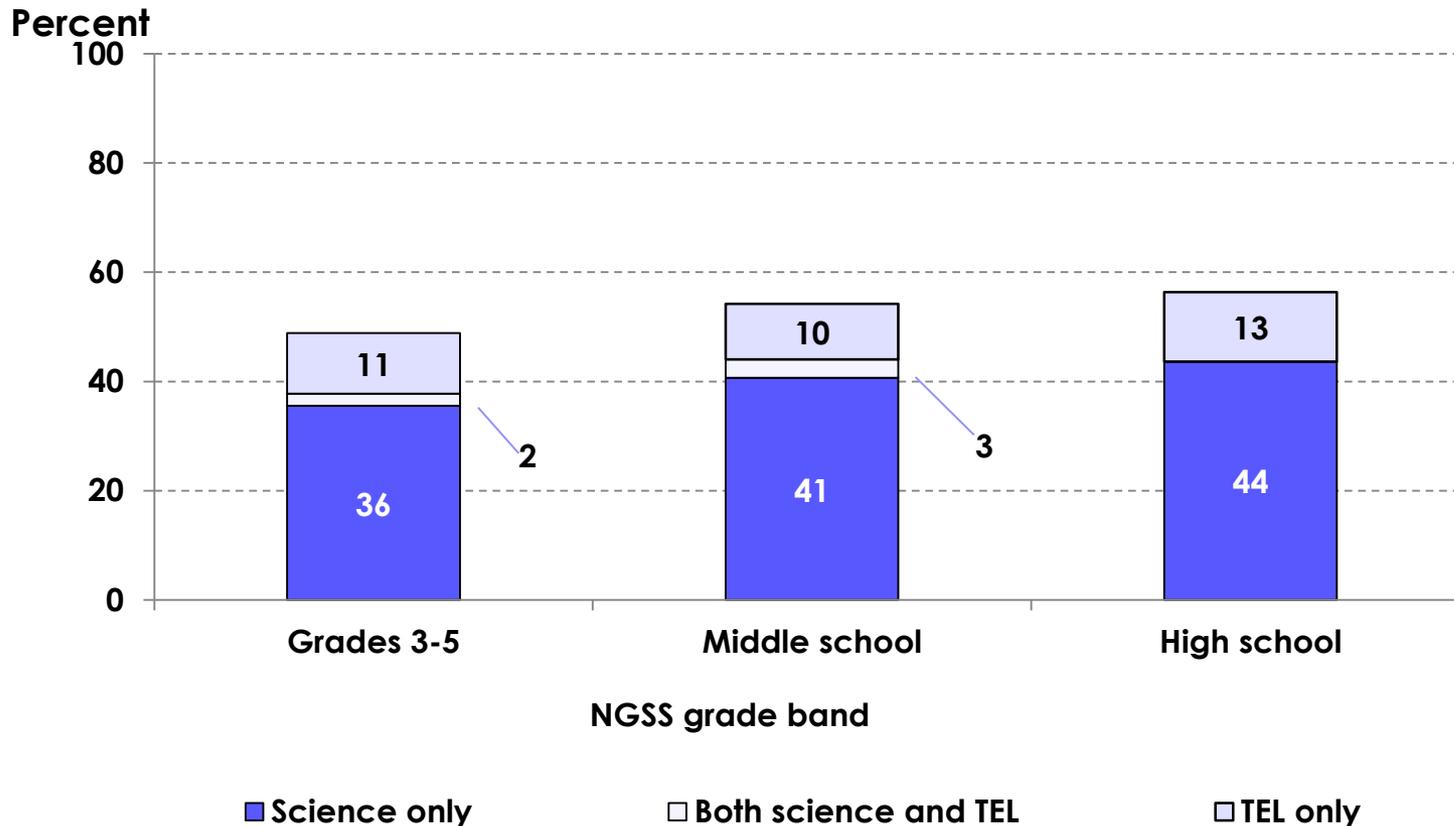
- Preponderance of content overlap
- Four types of discrepancies:
 - Common Core has more extensive and systematic treatment of mathematical expertise
 - More conceptual perspective on many mathematical topics in Common Core
 - Common Core has more rigorous content in grade 8 algebra and geometry
 - Grade 4 NAEP assesses content not covered until higher grades by the Common Core

NGSS and NAEP Science, TEL & Mathematics

NCES study compared the Next Generation Science Standards (NGSS) performance expectations with the NAEP assessment frameworks

- **Content overlap** - Moderate to substantial
- **Content alignment** - Low to moderate
 - Differed by grade and content domain due to differences in the depth, breadth, detail, or focus
- **Practices alignment** – Strong
 - Emphasis differed

NGSS Performance Expectations Aligned to the NAEP Science and TEL



NOTE: Detail may not sum to totals because of rounding.

NGSS and NAEP Science, TEL and Mathematics

The study results suggest that assessments based on the NGSS and NAEP assessment frameworks:

- Would have unique content and different emphases.
- Would have alignment low at grade 4 and moderate at the middle- and high school levels.
- Require students to use some mathematics but may be from the different grade levels.

NCES K-12 School Based Data Collections

Study	2015					2016							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
SCLS 500 schools serving grades 5-12													
SSOCS 3,230 schools													
NTPS 8,300 principals / 40,000 teachers													
PSS 40,000 private schools													
ECLS-K:2011 3,490 schools / 9,681 teachers / 11,429 grade 5													
MGLS:2017 101 Schools / 5,200 students													
PIRLS 150 schools / 4,800 grade 4													
PISA 165 schools / 5,500 age 15 (two states: 100 schools / 4,200 age 15)													
NAEP Arts 8,000 grade 8													
NAEP Tablets Pilot 18,000 grade 4; 26,000 grade 8; 7,000 grade 12													
EDFacts (2014-15)*													
EDFacts (2015-16)*													
School Finance* 11 SEAs													

* EDFacts and the School Finance collection are performed through state education agencies (SEAs). While the collections are focused upon data for individual schools, the SEA receives and responds to the collection.

Pilot/Field Test

Main Study

What's New?

- Enhanced and expanded outreach through social media
- Improved core NCES annual reports
- Improved visibility of civil rights data collection and *EDFacts*

Questions?

For more information please visit:

<http://nces.ed.gov/>

<http://www.nationsreportcard.gov/>