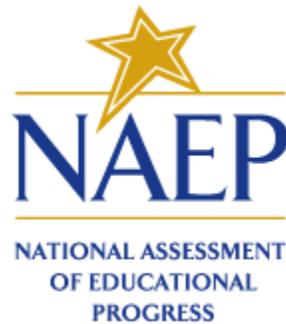


## Getting Started with NAEP Data

Slide 1 of 41



## Getting Started with NAEP Data

Slide 2 of 41

### Module Objectives

Describe the resources available to facilitate understanding and analysis of National Assessment of Educational Progress (NAEP) data

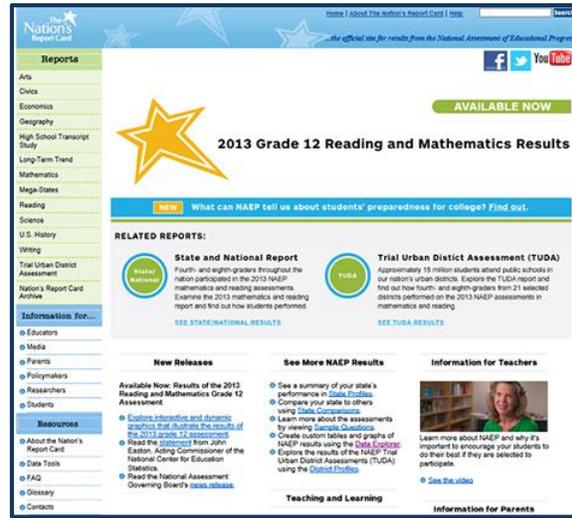
- The Nation's Report Card
- National Center for Education Statistics (NCES) NAEP homepage
- NAEP Data Tools
- Restricted-Use NAEP Data Files

## Getting Started with NAEP Data

### Slide 3 of 41

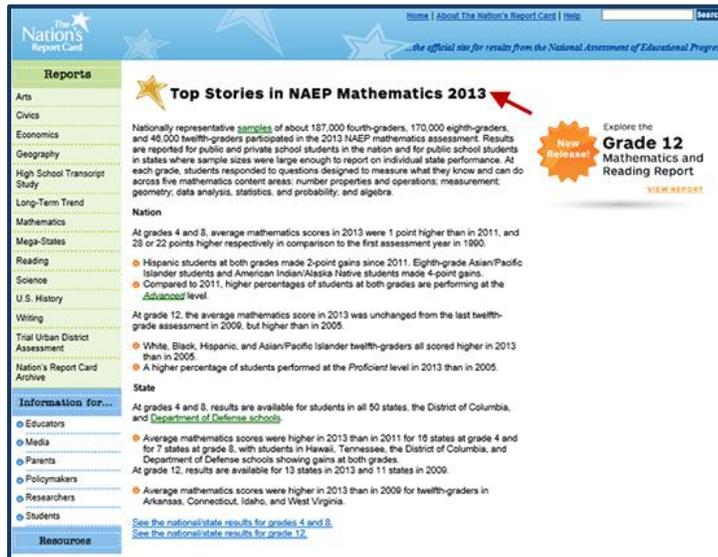
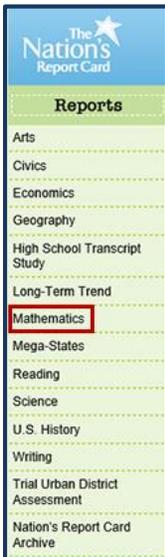
#### The Nation's Report Card

- The official site for results from the NAEP
- Informs the public about the academic achievement of elementary and secondary students in the United States through:
  - Reports across all NAEP subject areas
  - Information for educators, media, parents, policymakers, researchers, and students
  - Other resources (i.e., data tools, FAQ, glossary, contacts, etc.)
- The best resource for accessing NAEP reports



### Slide 4 of 41

#### Reports



# Getting Started with NAEP Data

Slide 5 of 41

## Information for Researchers

**Information for...**

- [Educators](#)
- [Media](#)
- [Parents](#)
- [Policymakers](#)
- [Researchers](#)**
- [Students](#)

Slide 6 of 41

## Resources

**Resources**

- [About the Nation's Report Card](#)
- [Data Tools](#)**
- [FAQ](#)
- [Glossary](#)
- [Contacts](#)

## Getting Started with NAEP Data

Slide 7 of 41

### NCES NAEP Homepage

Slide 8 of 41

### NAEP Data Tools

## Getting Started with NAEP Data

Slide 9 of 41

### Data Explorer for Main NAEP (MAIN NDE)

- Provides national and state results in ten subject areas (i.e., mathematics, reading, writing, science, etc.)
- Results presented for the nation and participating states and other jurisdictions since 1990
- Results for select urban districts on a trial basis since 2002
- A tutorial and quick reference guide are available from the NDE homepage
- The NDE help button is available at the top of every page within the NDE

Slide 10 of 41

### MAIN NDE

The image displays two sequential screenshots of the NAEP Data Explorer (MAIN NDE) interface. The top screenshot shows the 'STEP 1: Select Criteria' step, where the 'Subject' dropdown menu is open, listing various subjects like Civics, Economics, Geography, Mathematics, Music, Reading, Science, U.S. History, Visual Arts, and Writing. A red arrow points to the 'Grade' dropdown menu, which is currently empty. The bottom screenshot shows the same interface after the 'Grade' dropdown menu has been selected, displaying options for Grade 4, Grade 8, and Grade 12. A red arrow points to the 'Grade 8' option. Both screenshots include navigation links at the top (Analyze Data, Sample Questions, State Comparisons, State Profiles, District Profiles) and a footer with contact information for the U.S. Department of Education and the National Center for Education Statistics.

# Getting Started with NAEP Data

Slide 11 of 41

## MAIN NDE Step 1

**NAEP Data Explorer**  
 Analyze Data | Sample Questions | State Comparisons | State Profiles | District Profiles

**MAIN NDE** 1. Select Criteria 2. Select Variables 3. Edit Reports 4. Build Reports

**STEP 1:** Select criteria from each drop-down menu to begin. Additional options related to your selections will appear. Then select measures, jurisdictions, and years based on available data.

Subject: Civics Grade: Grade 4 [Reset]

Category	Sub Category	Measure	All Years	2010	2006	1998
NAEP Scale Scores	Civics Scale	<input checked="" type="checkbox"/> Civics scale <a href="#">details</a>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Group	Jurisdiction	All Years	2010	2006	1998
<input type="checkbox"/> National	<input checked="" type="checkbox"/> National <a href="#">details</a> <input type="checkbox"/> National public <a href="#">details</a> <input type="checkbox"/> National private <a href="#">details</a>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

[2. Select Variables]

Slide 12 of 41

## MAIN NDE Step 2

**NAEP Data Explorer**  
 Analyze Data | Sample Questions | State Comparisons | State Profiles | District Profiles

**MAIN NDE** 1. Select Criteria 2. Select Variables 3. Edit Reports 4. Build Reports

**STEP 2:** Select at least one variable from the category list below. View the list of all available variables, view by selected variables only, or search variables by keywords. Years selected will override previous selections.

Subject, Grade: Civics, Grade 4  
 Jurisdiction: National  
 Measures: Civics scale  
 Year: 2010 [Reset]

View All (683) View Selected (2) Search: Go

Category	Sub Category	Variable	All Years	2010	2006	1998
Major Reporting Groups	Student Factors	<input checked="" type="checkbox"/> All students <a href="#">details</a>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/> Disability status of student, excluding those with SO4 plan <a href="#">details</a>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/> Disability status of student, including those with SO4 plan <a href="#">details</a>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input checked="" type="checkbox"/> Gender <a href="#">details</a>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/> National School Lunch Program eligibility, 3 categories <a href="#">details</a>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/> Race/ethnicity used to report trends, school-reported <a href="#">details</a>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/> Status as English Language Learner, 2 categories <a href="#">details</a>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/> Student disability or English Language Learner status <a href="#">details</a>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	School Factors					
	Community Factors					
	Student					

[3. Edit Reports]

### Getting Started with NAEP Data

Slide 13 of 41

#### MAIN NDE Step 3

**NAEP Data Explorer**  
 Analyze Data | Sample Questions | State Comparisons | State Profiles | District Profiles

**MAIN NDE** 1. Select Criteria 2. Select Variables 3. Edit Reports 4. Build Reports

**STEP 3:** Preview and edit existing reports using the action links next to each report name. Create new reports, set format and statistic options. [NDE Help](#)

**Subject, Grade:** Civics, Grade 4  
**Jurisdiction:** National  
**Measure:** Civics scale  
**Variables:** All students, Gender  
 Year: 2010 [Reset](#)

Create New Report | Format Options | Statistics Options

Report	All	Action	Measure	Variable	Year	Jurisdiction	Statistic
Report 1	<input checked="" type="checkbox"/>	<a href="#">Preview</a>   <a href="#">Edit</a> <a href="#">Delete</a>   <a href="#">Copy</a>	Civics scale	All students	2010	National	Average scale scores
Report 2	<input checked="" type="checkbox"/>	<a href="#">Preview</a>   <a href="#">Edit</a> <a href="#">Delete</a>   <a href="#">Copy</a>	Civics scale	Gender	2010	National	Average scale scores

[4. Build Reports](#)

[About NAEP Data Explorer](#) | [Important Legal Information](#) | [Accessible Version](#)

Slide 14 of 41

#### MAIN NDE Step 4

**NAEP Data Explorer**  
 Analyze Data | Sample Questions | State Comparisons | State Profiles | District Profiles

**MAIN NDE** 1. Select Criteria 2. Select Variables 3. Edit Reports 4. Build Reports

**STEP 4:** View each report table by selecting the report name from the drop-down menu. Create report types to edit and preview, each tab created represents one report type to export. [NDE Help](#)

**Subject, Grade:** Civics, Grade 4  
**Jurisdiction:** National  
**Measure:** Civics scale  
**Variables:** All students, Gender  
 Year: 2010

Select Report: Report 1 [Export Reports](#)

Table | Chart | Significance Test | Gap Analysis | Regression Analysis

Average scale scores for civics, grade 4 by all students [TOTAL], year and jurisdiction: 2010

Year	Jurisdiction	All students Average scale score	Standard Error
2010	National	157	(0.8)

NOTE: The NAEP Civics scale ranges from 0 to 300. Some apparent differences between estimates may not be statistically significant.  
 SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2010 Civics Assessment.

[About NAEP Data Explorer](#) | [Important Legal Information](#) | [Accessible Version](#)

### Getting Started with NAEP Data

Slide 15 of 41

#### MAIN NDE Step 4 (Continued)

**NAEP Data Explorer**  
 Analyze Data | Sample Questions | State Comparisons | State Profiles | District Profiles

**MAIN NDE** 1. Select Criteria 2. Select Variables 3. Edit Reports 4. Build Reports

**STEP 4:** View each report table by selecting the report name from the drop-down menu. Create report types to edit and preview, each tab created represents one report type to export. **NDE Help**

**Subject, Grade:** Civics, Grade 4  
**Jurisdiction:** National  
**Measure:** Civics scale  
**Variables:** All students, Gender  
**Year:** 2010

Select Report: Report 2 **Export Reports**

**Table** | Chart | Significance Test | Gap Analysis | Regression Analysis

Average scale scores for civics, grade 4 by gender [GENDER], year and jurisdiction: 2010

Year	Jurisdiction	Male		Female	
		Average scale score	Standard Error	Average scale score	Standard Error
2010	National	153	(1.0)	160	(0.8)

NOTE: The NAEP Civics scale ranges from 0 to 300. Some apparent differences between estimates may not be statistically significant.  
 SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2010 Civics Assessment.

About NAEP Data Explorer | Important Legal Information | Accessible Version

Slide 16 of 41

#### MAIN NDE Civics Score Significance Test

**NAEP Data Explorer**  
 Analyze Data | Sample Questions | State Comparisons | State Profiles | District Profiles

**MAIN NDE** Significance Test

STEP 4: View created report

Subj: Civics, Grade 4  
 Juris: National  
 Measure: Civics scale  
 Variables: All students, Gender  
 Year: 2010

Select Report: Report 2 **Export Reports**

**Significance Test** Edit Preview **Cancel Done** **NDE Help**

1. Select one category to compare significance from the choices available below.

Between Jurisdictions | **Within Variables** | Across Years

2. Create a name for this significance test. Name: Sig Test 1

3. Select the output type. Table | Map | Comparison

4. Select additional options.  Show score details

5. Select available options from each of the columns below, then preview results.

Jurisdiction	Variable	Year	Statistic
<input checked="" type="checkbox"/> National	<input checked="" type="checkbox"/> Gender <input checked="" type="checkbox"/> Male <input checked="" type="checkbox"/> Female	<input checked="" type="checkbox"/> 2010	<input checked="" type="checkbox"/> Average scale scores

**Preview** **Cancel Done**

Getting Started with NAEP Data

Slide 17 of 41

MAIN NDE Civics Score Significance Test (Continued)



Slide 18 of 41

Sample Questions

**NAEP Questions Tool**

Analyze Data | Sample Questions | State Comparisons | State Profiles | District Profiles

**Explore NAEP Questions**

After each assessment, NAEP releases dozens of sample questions to the public—more than 3,000 questions are currently available. The tools featured here can be used to supplement classroom instruction, provide additional insight into the content of the assessment, and show what students nationally or in your state or district know and can do.

**Questions Tool >>**  
Explore a database of released NAEP questions.

**Interactive Items >>**  
Explore questions from computer-based assessments.

**Test Yourself >>**  
Try out actual questions administered to students in the NAEP assessments.

**Item Maps >>**  
See what students at each achievement level are likely to know and can do.

**What's New?**  
[The NAEP Questions Tool has lots of new features!](#)

- Sort and select questions with "drag 'n drop" option
- Try customized "Test Yourself" feature
- Create online self-scoring tests for students
- Compare results of student performance across nation

## Getting Started with NAEP Data

Slide 19 of 41

### NAEP Questions Tool (NQT)

NAEP Questions Tool

[Analyze Data](#) | [Sample Questions](#) | [State Comparisons](#) | [State Profiles](#) | [District Profiles](#)

The NAEP Questions Tool [Help](#)

#### Search NAEP Questions ▶

- Search hundreds of questions by grade, year, and content area, and
- See actual student responses from NAEP assessments.

STUDENTS  
Click here to enter  
your test ID

#### Try NAEP Questions ▶

- Test yourself with actual NAEP questions.

#### Create Tests

[Select a preformatted test ▶](#) [Make a customized test ▶](#)

- Use one of our pre-formatted assessments, or make your own customized assessment for your classroom.
- Create an account and you'll be able to make a student roster and save your assessments for use throughout the school year.

[Already have an account? Sign in](#)  
[Create an account](#)

[About NAEP Questions Tool](#) | [Copyright Policy](#) | [Accessible Version](#) | [System Requirements](#)

Slide 20 of 41

### Interactive Items

Home | About The Nation's Report Card | Help

Search

—the official site for results from the National Assessment of Educational Progress

Science 2009

Interactive Computer and Hands-On Tasks

Overall Summary

In-Depth Investigation of Three Tasks

Complete Task Library

Technical Notes

Information for...

- [Educators](#)
- [Media](#)
- [Parents](#)
- [Policymakers](#)
- [Researchers](#)
- [Students](#)

Resources

- [About The Nation's Report Card](#)
- [Data Tools](#)
- [FAQ](#)
- [Glossary](#)
- [Contacts](#)

#### Complete Task Library

Interactive Computer Tasks

Hands-On Tasks

#### Test Yourself on an Interactive Computer Task

Select a task below. Each task will appear in a pop-up window. You can take the entire task or simply close the window to see the correct answers and the performance data for each question.

GRADE 4  
Cracking Concrete

Predict the effect of the freeze/thaw cycle on a concrete sidewalk.  
Duration: 20 minutes

[Take this task >](#)  
[Scoring information >](#)

GRADE 4  
Here Comes the Sun

Predict path of the sun and number of daylight hours to determine best planting location.  
Duration: 20 minutes

[Take this task >](#)  
[Scoring information >](#)

GRADE 4  
Mystery Plants

Determine optimum amount of light and nutrients for plant growth.  
Duration: 40 minutes

[Take this task >](#)  
[Scoring information >](#)

Page 10 of 21

# Getting Started with NAEP Data

## Slide 21 of 41

### Test Yourself

## Slide 22 of 41

### Item Maps

Getting Started with NAEP Data

Slide 23 of 41

State Comparisons

**NAEP State Comparisons**

Analyze Data | Sample Questions | State Comparisons | State Profiles | District Profiles

State Comparisons provides tables and maps that compare states and jurisdictions based on the average scale scores for selected groups of public school students within a single assessment year, or compare the change in performance between two assessment years.

For example:

- See how the average reading score for male students in a particular state compares to the average reading score for male students in other states in 2005, or
- See how the change (from 2002 to the focal year) in reading scores for male students in a particular state compares to the change in reading scores for male students in other states.

For more information regarding the use of State Comparisons read the [State Comparisons Overview](#).

Select a grade, subject, and student group, in boxes 1, 2, and 3, respectively.

**1 Grade**

Grade 4

Grade 8

Grade 12

**2 Subject**

Mathematics

Reading

Science

Writing

**3 Student Group**

Gender

Race/Ethnicity - White and Black

Race/Ethnicity - White and Hispanic

Race/Ethnicity - Hispanic and Black

National School Lunch Eligibility

Percentiles - 75th and 25th

**4 Year(s)**  
(please make selections in boxes 1, 2, and 3)

**5 Display Options**

Number of decimal places:  0 (n)  2 (n.nn)

Include:  Neither  Standard Error  Confidence Interval

Buttons: [Reset to Default](#) [Next Steps](#)

About State Comparisons

Slide 24 of 41

State Profiles

**State Profiles**

Analyze Data | Sample Questions | State Comparisons | State Profiles | District Profiles

State Profiles presents key data about each state's performance in the National Assessment of Educational Progress (NAEP) in mathematics, reading, writing, and science for grades 4 and 8. Quickly see how a state performed over time, view a state's demographics, download snapshot reports, and compare each state's overall performance to the nation and each other. It is inappropriate to compare scores across subjects. Select a state to get started.

Reading: In 2013, the average score of eighth-grade students in Georgia was 265. This was not significantly different from the average score of 266 for public school students in the nation.

**Average Scale Score over time for Georgia**

Select a state: Georgia

Subject	Grade	Year	Average Scale Score		Achievement Level							
			State	National public	at or above	at or above	at					
			Avg.	SE	Pct.	SE	Pct.	SE				
Mathematics	4	2013	240	(1.0)	241	(0.2)	81	(1.2)	39	(1.5)	7	(0.7)
		2011	238	(0.7)	240	(0.2)	80	(0.9)	37	(1.2)	6	(0.5)
		2009	236	(0.9)	239	(0.2)	78	(1.2)	34	(1.5)	5	(0.6)
		2007	235	(0.8)	239	(0.2)	79	(1.0)	32	(1.3)	4	(0.6)
		2005	234	(1.0)	237	(0.2)	76	(1.3)	30	(1.4)	4	(0.5)
		2003	229	(1.0)	224	(0.2)	72	(1.2)	27	(1.2)	3	(0.5)
		2002	228	(1.1)	224	(1.0)	67	(1.4)	27	(1.5)	1	(0.5)

Snapshot Reports: [Mathematics: Grade 4 \(221K PDF\)](#), [Mathematics: Grade 8 \(227K PDF\)](#), [Reading: Grade 4 \(224K PDF\)](#), [Reading: Grade 8 \(228K PDF\)](#), [Science: Grade 4 \(210K PDF\)](#), [Science: Grade 8 \(217K PDF\)](#), [Writing: Grade 4 \(128K PDF\)](#), [Writing: Grade 8 \(179K PDF\)](#)

## Getting Started with NAEP Data

Slide 25 of 41

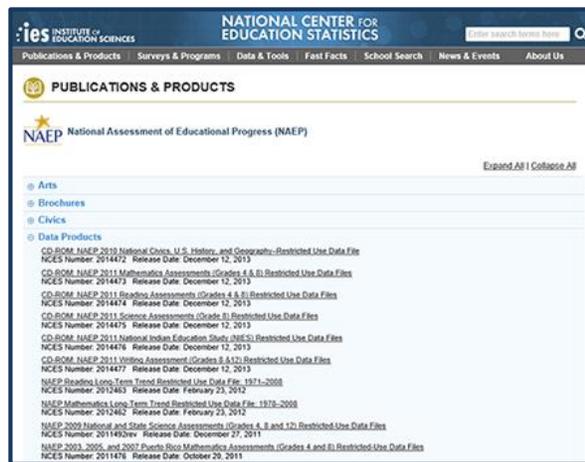
### District Profiles



Slide 26 of 41

### Restricted-Use NAEP Data Files

- In some cases, the resources described in this module may not address your specific research question
- Some analyses may require the use of NAEP restricted-use data files
  - These files are listed under Data Products on the NCES NAEP website
- Refer to the [Acquiring Micro-level NCES Data](#) module to learn more about how to obtain restricted-use licenses



## Getting Started with NAEP Data

### Slide 27 of 41

#### The NAEP Primer

Before receiving NAEP restricted-use data, analysts can work with the NAEP Primer and the accompanying publically accessible dataset to get acquainted with

- The NAEP primer mini-sample
- The NAEP database
- NAEP data tools
- [Analyzing NAEP data](#)
- Marginal estimation of score distributions ([plausible values](#))
- Direct estimation using AM software
- Fitting of Hierarchical Linear Models (HLM)

### Slide 28 of 41

#### Restricted-Use NAEP Data Disk Contents

- README – Text file containing brief description of disk contents
- Partitioned into directories containing specific types of files
  - DATA – Respondent data in fixed-length ASCII text files
  - CODEBOOK – File record layout and data codebook in PDF format files
  - SAS – Syntax files for converting data files into SAS system files
  - SPSS – Syntax files for converting data files into SPSS system files
  - Stata – Syntax for converting data files into STATA system files
  - AM – Syntax for converting data files into AM system files
  - CATALOG – Data field descriptions for other procedural languages
  - COMPANION – PDF document with information and guidelines on use of data; some technical documentation
  - NAEPEX and SELECT – Proprietary files used by NAEPEX programs
    - NAEPEX is the data extraction program for choosing variables, extracting data, and generating AM, SAS, SPSS, and Stata files necessary for the analysis of NAEP data

## Getting Started with NAEP Data

### Slide 29 of 41

#### NAEP File Naming Conventions

Across all NAEP data files, a standard 8-character file naming convention is used

- 1st character: subject
- 2nd and 3rd characters: NAEP year
- 4th character: component
- 5th character: type of data
- 6th character: grade level
- 7th and 8th characters: sample

### Slide 30 of 41

#### 1<sup>st</sup> Character: Subject

- The Arts = A
- Civics = C
- Economics = E
- Geography = G
- Mathematics = M
- Reading = R
- Science = S
- History = H
- Writing = W

## Getting Started with NAEP Data

### Slide 31 of 41

#### 2<sup>nd</sup> and 3<sup>rd</sup> Characters: NAEP Year

- NAEP Year 1 was 1969
- To calculate the NAEP year subtract 1969 from the calendar year of interest
  - $2009 - 1969 = 40$

### Slide 32 of 41

#### 4<sup>th</sup> Character: Component

- National = N
- State = S
  - TUDA are part of the state file

**Getting Started with NAEP Data****Slide 33 of 41****5<sup>th</sup> Character: Type of Data**

- Student = T
- School = C

**Slide 34 of 41****6<sup>th</sup> Character: Grade Level**

Grade levels are identified by cohort

- Cohort 1 = Grade 4 or 9-year olds
- Cohort 2 = Grade 8 or 13-year olds
- Cohort 3 = Grade 12 or 17-year olds

## Getting Started with NAEP Data

### Slide 35 of 41

#### 7<sup>th</sup> and 8<sup>th</sup> Characters: Sample

- Main NAEP = AT
- Long-Term Trend NAEP = LT
- Indian Education Sample = IE

### Slide 36 of 41

#### Example NAEP File Names

- R40NT1IE
  - Subject: Reading
  - NAEP Year: 40 (calendar year 2009)
  - Component: National
  - Type of data: Student-level data
  - Grade level: Cohort 1/Grade 4
  - Sample: Indian education survey sample
- R36NT1AT
  - Subject: Reading
  - NAEP Year: 36 (calendar year 2005)
  - Component: National
  - Type of data: Student-level data
  - Grade level: Cohort 1/Grade 4
  - Sample: All students

## Getting Started with NAEP Data

### Slide 37 of 41

#### Data File Structure and Contents

- Each student file contains unit record data where student is the unit of analysis
  - Identification information and sample indicators
  - Weights (population- and sample-based)
  - Reporting categories and derived variables
  - Ability estimates (plausible values)
  - Student background responses
  - Student cognitive item responses/scores
  - Students with Disabilities/English Language Learners (SD/ELL) questionnaire responses
  - Teacher questionnaire responses
- Each school file contains
  - School questionnaire responses
  - School-level sample weights
- There is also a student and school file that contains all the student file data with the school file data concatenated for analysts

### Slide 38 of 41

#### NAEPEX

NAEPEX is the data extraction program for choosing variables, extracting data, and generating AM, SAS, SPSS, and Stata control statements necessary for the analysis of NAEP data

- NAEP's Electronic Code Book (ECB)
- Select variables you need for analysis
- Produce syntax/script to generate NAEP data files

## Getting Started with NAEP Data

### Slide 39 of 41

#### **NAEPEX Syntax/Script**

Creates a system file that contains all cases and variables specified for your specific analyses

- File definition – file name and attributes
- File data definition – data file names, positions, and formats
- Variable attributes – variable labels and formats
- Value labels – SPSS data value descriptors, SAS Proc Format, and Stata labeldef
- Missing values – optional code specifying data values to be treated as missing
- Scoring – optional code for converting cognitive item responses to scored values appropriate for IRT scaling

### Slide 40 of 41

#### **Module Summary**

Describe the resources available to facilitate understanding and analysis of National Assessment of Educational Progress (NAEP) data

- The Nation's Report Card
- National Center for Education Statistics (NCES) NAEP homepage
- NAEP Data Tools
- Restricted-Use NAEP Data Files

## Getting Started with NAEP Data

Slide 41 of 41

### Module Resources

- [Nation's Report Card](#)
- [NCES NAEP Homepage](#)
- [NAEP Data Tools](#)
- [MAIN NDE](#)
- [Sample Questions](#)
- [NAEP Questions Tool \(NQT\)](#)
- [Interactive Items](#)
- [Test Yourself](#)
- [Item Maps](#)
- [State Comparisons](#)
- [State Profiles](#)
- [District Profiles](#)
- [Restricted-Use NAEP Data Files](#)
- [Acquiring Micro-level NCES Data](#)
- [The NAEP Primer](#)
- [Analyzing NAEP data](#)
- [Plausible values](#)
- [NAEPEX](#)