Module Objectives

Explain how to access and explore NCES

- Data
- Publications
- Products
- Data tools
Module Structure

Each tab is a different part of the module, click the tab for each part and then select a topic, which will go directly to the selected topic of choice.

Slide 4 of 47

Part 1 – Accessing General Information about NCES and its Products

- Distance Learning Dataset Training (DLDT)
- NCES Blog
- News Flash
- Recent Publications
- Annual Reports
- NCES Handbook of Survey Methods
- Statistical Standards Program
- NCES Kids' Zone
**Distance Learning Dataset Training (DLDT)**

- Common modules – general information about NCES data and data tools
  - Introduction to the NCES Datasets
- Dataset-specific modules – detailed information about NCES studies, the data they collect and how to analyze the data

---

**NCES Blog**

*NCES Blog*

*A New Guide to Education Data Privacy*

By The National Forum on Education Statistics Education Data Privacy Working Group

The expanding use of data and new technologies for classroom instruction hold promise for facilitating learning and better personalizing education for students. However, these changes also heighten the responsibility of schools and education agencies to protect student privacy. The recently released *Forum Guide to Education Data Privacy* offers recommendations on how to do this.

Privacy is one of the most important issues in education data policy today. Many states have passed laws that require education agencies to implement strong privacy programs and procedures. State and local education agencies (SEAs and LEAs) are responding to the growing demands for privacy protection.
Introduction to NCES WebGateways: Accessing and Exploring NCES Data

News Flash

An email-based alert service designed to inform you about all new content posted to the NCES website, including news from its four Centers and programs within Centers such as the Regional Educational Laboratory Program.

Simply enter your email address to receive alerts in the areas of interest you select.

Recent Publications

- Includes NCES publications from the last 90 days
- Publications may be sorted by publication number, title, or publication date
Annual Reports

Some annual reports are congressionally mandated like the condition of education.

NCES Handbook of Survey Methods

- Presents explanations of how each survey program in NCES obtains and prepares the data it publishes
- Provides NCES data users with the information necessary to evaluate the suitability of the data for their needs
Part 2 – Accessing Online Search Tools

- Search Tables and Figures
- College Navigator
- Search for Public School Districts
- Search for Public Schools
- Search for Public School District Longitudinal Data
- Search for Private Schools
- Bibliography Search Tool
- Publications & Products Search
- Subject Index A-Z
- Survey and Program Areas Search
- ED Data Inventory
- CIP Search Tool
Search Tables and Figures

College Navigator

- Provides information on nearly 7,000 colleges and universities in the United States
- Search for schools based on geographic location, programs and majors, level of award, institution type, and more
Search for Public School Districts

- Retrieves information on all United States public school districts
- Updated as information from the Common Core of Data (CCD) data collection becomes available

Search for Public Schools

- Retrieves information on all United States public schools
- Updated as information from the Common Core of Data (CCD) data collection becomes available
Search for Public School District Longitudinal Data

This search lets you compare the finances of school districts longitudinally. Enter the name of a district below. You may enter the entire name or any portion of the name. Alternatively you can search by State, or Zip code and distance. Click the search button to perform your search.

You may modify your search to add or delete other districts of interest to your comparison.

District Search

District Name:  
State:  
Zip Code:  
Distance From Zip:  

Search

Start New Search

Important Data Note: These files link school districts over time and provide updated values for data that were not originally reported by states. While the statistical techniques used to track agencies and schools over time and extensively impute missing data elements produce overall reliability, these longitudinal files are not intended to reflect the exact data submitted by the states. The regular (not longitudinal) public education agency, school universe, and PSS files should be used when seeking a state’s officially reported data.

Search for Private Schools

- Retrieves information from more than 30,000 United States private schools
- Updated as information from the Private School Universe Survey (PSS) data collection becomes available
**Bibliography Search Tool**

- Search for individual citations from journal articles that have been published using data from various NCES research programs
- The tool is regularly updated

**Publications & Products Search**

Visit the [IES Publications & Products Search](#) to query all IES publications and products.
Introduction to NCES WebGateways: Accessing and Exploring NCES Data

Slide 21 of 47

Subject Index A-Z

Slide 22 of 47

Survey and Program Areas Search
ED Data Inventory

Classification of Instructional Programs (CIP)

- Taxonomic scheme that supports the accurate tracking and reporting of fields of study and program completions activity
- Originally developed by the U.S. Department of Education's National Center for Education Statistics (NCES) in 1980
- Revisions occurring in 1985, 1990, 2000, 2010 and 2020
- On the 2020 CIP Website, you can view both the 2020 CIP and the 2010 CIP
- Ensure that you change the year “2020” if the year selected is “2010”
### Part 3 – Accessing Online Data Tools

<table>
<thead>
<tr>
<th>Education Data Analysis Tool (eDAT)</th>
<th>NAEP State Comparisons</th>
</tr>
</thead>
<tbody>
<tr>
<td>IPEDS Analytics: Delta Cost Project Database</td>
<td>Public School District Finance Peer Search</td>
</tr>
<tr>
<td>IPEDS Data Center</td>
<td>Compare Academic Libraries</td>
</tr>
<tr>
<td>NAEP Data Explorer</td>
<td>State Education Data Profiles</td>
</tr>
<tr>
<td>International Data Explorer</td>
<td>NAEP Questions Tool</td>
</tr>
<tr>
<td>Elementary/Secondary Information System (EISI)</td>
<td>NAAL Questions Tool</td>
</tr>
<tr>
<td>DataLab</td>
<td>MapED</td>
</tr>
<tr>
<td></td>
<td>EDGE</td>
</tr>
</tbody>
</table>

### Education Data Analysis Tool (eDAT)

- Download NCES survey datasets into various statistical software formats
- Create customized data files containing Public-use data
IPEDS Analytics: Delta Cost Project Database

- Download a longitudinal database derived from IPEDS finance, enrollment, staffing, completions and student aid data for academic years 1986-87 through 2011-12
- Data have been translated into analytical formats to allow for longitudinal analyses of trends
Introduction to NCES WebGateways: Accessing and Exploring NCES Data

Slide 29 of 47

**National Assessment of Educational Progress Data Explorer (NDE)**

With the NAEP Data Explorers you can create statistical tables, charts, maps to help you find answers. Explore decades of assessment results, as well as information about factors that may be related to student learning.

Slide 30 of 47

**International Data Explorer (IDE)**

- Allows users to create customized tables and charts of detailed results from various international assessments
  - PISA
  - PIRLS
  - TIMSS
  - PIAAC
  - TALIS
- Provides results for the United States and other jurisdictions around the world from the administration of these assessments
**Elementary/Secondary Information System (EISI)**

- View public and private school Public-use data and create custom tables and charts
- Three components
  - quickFacts
  - expressTables
  - tableGenerator

**DataLab**

- DataLab’s research and data tools enable users to easily access statistics from NCES studies to find estimates that have already been published or generate estimates
- DataLab has two tools for finding estimates from NCES data
  - Tables Library - can be used to find estimates within a large library of pre-generated tables that have already been published in NCES reports
  - PowerStats - can be used to generate estimates from micro-level datasets without accessing data at the individual case, or unit record, level

- Learning Center
- DLDT Module DataLab Features and Tools for Research
NAEP State Comparisons

State Comparisons provide 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 fiscal 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.

Public School District Finance Peer Search

This application can be used to compare a school district with other districts (peers). Peers can be selected automatically or manually. To start, enter your search criteria below. Click here for more information.

District Search

District Name: [ ]

Select A State: [ ]

Zip Code: [ ]

Distance From Zip: [ ]

Select Peers: [ ]

Peers To Return: [ ]

Search
Compare Academic Libraries

State Education Data Profiles
- Search for statewide information in elementary/secondary education, postsecondary education and selected demographics for all states in the U.S. using a variety of NCES data sources
- Select up to four states to compare
NAEP Questions Tool

- Provides easy access to NAEP questions, student responses, and scoring guides
- Users may explore questions from computer-based assessments, try out actual questions administered to students, and see what students at each achievement level are likely to know and do

NAAL Test Questions Tool

Use the pull-down menus to select your choice for each search option. If you do not select a choice for an option, your search will yield all questions within that category. When you are finished selecting your search options, click on Search. For descriptions of each category, click on Help.
MapED
Dynamic data-mapping tool that provides geographic context to NCES, U.S. Census Bureau, and other education-related demographic datasets

Education Demographic and Geographic Estimates (EDGE)
EDGE develops data products and tools to identify and understand the social and spatial context of education in the United States
More about EDGE

The following topics can be explored in the EDGE Data Program

- Social and economic conditions of school-age children by enrollment
- Characteristics of parents with school-age children
- School district demographics
- Community locale classifications and boundaries
- Locations for K–12 and postsecondary schools
- School district and school attendance area boundaries
- Proximity of schools to other community features
- School neighborhood economic conditions

Part 4 – Obtaining Data

- Public-use and Restricted-use Data
- Offsite Archive of NCES Data - ICPSR
Public-use and **Restricted-use Data**

- Public-use data – available to the public, though some data are less detailed to limit possible re-identification of survey participants
- Restricted-use data – more detailed and require a license from NCES
- DLDT Module “Acquiring Micro-level NCES Data”

---

**Offsite Archive of NCES Data** – ICPSR
Part V - **NCES Kids’ Zone**

Designed to help children learn about schools, decide on a college, and engage in learning activities

---

**Module Summary**

Explained how to access and explore NCES

- Data
- Publications
- Products
- Data tools
Module Resources

- NCES Website
- Distance Learning Dataset Training
- Introduction to the NCES Datasets
- NCES Blog
- News Flash
- Recent Publications
- Annual Reports
- NCES Handbook of Survey Methods
- Statistical Standards Program
- Search Tables and Figures
- College Navigator
- Search for Public School Districts
- Search for Public Schools
- Search for Public School District Longitudinal Data
- Search for Private Schools
- Bibliography Search Tool
- Publications & Products Search
- Subject Index A-Z
- Survey and Program Areas Search
- ED Data Inventory
- Education Data Analysis Tool (eDAT)
- IPEDS Analytics: Delta Cost Project Database
- IPEDS Data Center
- NAEP Data Explorer (NDE)
- International Data Explorer (IDE)
- Elementary/Secondary Information System (EISi)
- DataLab
- Learning Center
- DataLab Features and Tools for Research
- NAEP State Comparisons
- Public School District Finance Peer Search
- Compare Academic Libraries
- State Education Data Profiles
- NAEP Questions Tool
- NAAL Questions Tool
- MapED
- Restricted-use Data
- Acquiring Micro-level NCES Data
- Offsite Archive of NCES Data - ICPSR
- Education Demographic and Geographic Estimates (EDGE)
- NCES Kids’ Zone
- Classification of Instructional Programs (CIP)