

Getting Started with the Common Core of Data (CCD)

Slide 1 of 16



Getting Started with the Common Core of Data (CCD)

Slide 2 of 16

Module Objectives

- Introduce the data collected across the Common Core of Data (CCD) and the resulting micro-level files
- Describe public-use data available including
 - Publications and Reports
 - Tables
 - Files
- Identify restricted-use data files and describe how to apply for the needed license
- Describe the resources available to learn more about the data documentation and data files

Getting Started with the Common Core of Data (CCD)

Slide 3 of 16

Collecting Data for the CCD

- Primary database on public elementary and secondary education
- For both collections, the data come directly from the states
 - Nonfiscal data is submitted via *EDFacts*
 - Fiscal data are submitted directly from the Census Bureau
- Review Match, Summary, and Edit Reports from analysts
- Data files are created based on NCES quality standards

Slide 4 of 16

Describe CCD Universe Surveys

- Public School Universe
 - Information on all public elementary and secondary schools in operation during a school year including school location and type; enrollment by grade and student characteristics; and the number of classroom teachers
- School District Universe (Local Education Agency, or LEA)
 - Information for the universe of LEAs including phone number; location and type of agency; current number of students; and number of high school graduates and completers in the previous year
- State Nonfiscal Data
 - Information on all students and staff at the state level including number of students by grade level; full-time equivalent staff by major employment category; and high school graduates and completers in the previous year
- State Fiscal Data
 - Detailed data at the state level including average daily attendance; school district revenues by source (local, state, and federal); and expenditures by function (instruction, support services, and non-instruction) and subfunction (e.g., school administrationschool administration, etc)
- School District Fiscal Data
 - Detailed data by school district, including revenues by source and expenditures by function and subfunction, and enrollment

Getting Started with the Common Core of Data (CCD)

Slide 5 of 16

CCD Data Basics

Public-use descriptive statistics are available from three resources

- Annual Publications and Reports
- Data tables from the CCD website
- Data files can be downloaded as public-use datasets from the CCD web page
 - Restricted-use data files are available with a license

Slide 6 of 16

Annual Publications and Reports

- School and Agency Reports
 - State and national totals from the CCD School and Agency file that include: schools and their characteristics (i.e., Type; Magnet, Charter, and Title I status; Urbanicity; Size), students, federal program participation (e.g., Free and Reduced Lunch, Migrant, English language learners, and Individualized Education Programs), and district size
- State Nonfiscal Reports
 - State totals for students (totals and by race/ethnicity), graduates, and staff counts
- District Fiscal Reports
 - Revenues and expenditures per pupil made by school districts
 - Median per pupil revenue and expenditure data
 - Discussions on the different types of school districts, and other resources that may be helpful in analyzing school district level data
- State Fiscal Reports
 - Total revenues and expenditures for public education made by states including revenues by source and expenditures by function and object, including current expenditures per pupil and instructional expenditures
- Dropouts, Completers, and Graduation Rate Reports
 - Number and percentage of students dropping out or completing public school (among states that reported dropouts and completers)

Getting Started with the Common Core of Data (CCD)

Slide 7 of 16

Historical Publications and Reports

- [Largest District Reports](#)
 - Descriptive information about the largest school districts (as ranked by student membership) in the United States
- [Teacher Compensation Reports](#)
 - Summary data from the research and development effort to collect individual salary and demographic data on public school teachers (median salaries and counts for different groupings by experience, age, race, and gender)
- [Directory Reports](#)
 - Discontinued, but the information presented in the reports from 1992-93 to 2002-03 are still accessible
- [Historical Overview Reports](#)
 - Discontinued, however the reports from 1993-94 through 2001-02 are still available and include key statistics on public elementary and secondary schools and agencies

Slide 8 of 16

Data Tables

Unique CCD Tables

- Dropout/Completer Data Tables
- Nonfiscal Data Tables
- Fiscal Data Tables

Getting Started with the Common Core of Data (CCD)

Slide 9 of 16

Data Files

- The CCD public-use datasets can be downloaded from the [CCD](#) home page
 - Nonfiscal data (School, District, and State)
 - Fiscal data (District and State)
 - Dropout and Completer (District and State)
- Restricted-use files are available with a [license](#)
- [Elementary/Secondary Information System \(EISi\)](#)

Slide 10 of 16

Annual CCD Data Files

- Universe data (staff counts, enrollment, dropouts and completers)
 - [State](#)
 - [School District \(LEA\)](#)
 - [School](#)
- Dropouts and Completers
 - [State](#)
 - [School District \(LEA\) \(Public Use and Restricted\)](#)
- Finance
 - [State \(NPEFS\)](#)
 - [School District \(LEA\) – F-33](#)

Getting Started with the Common Core of Data (CCD)

Slide 11 of 16

Keys to Using CCD Data Files

Step 1: Read the documentation

- The documentation contains information about what is included in the universe data files, the methodology used to collect and process the data, and information about each of the variables on the file

Step 2: Review at the record layout

- The record layout gives information concerning the naming convention for each of the variables, the position, and a general description
- Example: AS05F = Grade 5 students – Asian - Female

Step 3: Use the SAS or SPSS codes (if applicable)

Step 4: Save the text file and open the text file with Excel (if applicable)

- DO NOT CLICK on the text file, the file is not usable in Notepad

Getting Started with the Common Core of Data (CCD)

Slide 12 of 16

Data File Components

- Each data file set contains the following components
 - Data file (usually SAS and tab-delimited TXT file)
 - SAS and SPSS code for processing
 - Documentation
 - Methodology
 - Provides details
 - Record layout
 - Survey forms (if applicable)
- CCD data are organized by school year
 - Within each school year researchers will find the information for all of the states in a flat file and either one or more statistical languages
- Become familiar with the documentation and record layouts
 - It is critical to check the documentation

Slide 13 of 16

Restricted-Use Files

- Two data files in the CCD require restricted-use licenses
 - [Teacher Compensation Survey](#)
 - [Dropout and Completer \(Restricted-use\)](#)
 - Contains more details than the public use files
- Apply for a [restricted-use license](#)

Getting Started with the Common Core of Data (CCD)

Slide 14 of 16

Elementary/Secondary Information System (EISi)

[EISi is an analysis tool](#)

- [quickFacts](#)
- [expressTables](#)
- [tableGenerator](#)

EISi Elementary / Secondary Information System

EISi Tutorial

quickFacts [Begin](#)

With quickFacts you may quickly view single data elements for a state, district or school

- View characteristic & financial data
- View contact information
- Chart and Print data
- Link to expressTables for additional analysis

expressTables [Begin](#)

With expressTables you may view most requested data tables at the state, county, district, and school levels

- Make refinements
- Sort a column with a single click
- Chart each row of data
- Print and export a table

tableGenerator [Begin](#)

With tableGenerator you may create custom tables for a state, district, or school

- Filter columns
- Chart & compare institutions
- Drag & drop, sort, and remove columns
- Export a table

Slide 15 of 16

Module Summary

- Introduced the data collected across the Common Core of Data (CCD) and the resulting micro-level files
- Described public-use data available [including](#)
 - Publications and Reports
 - Tables
 - Files
- Identified restricted-use data files and describe how to apply for the needed license
- Described the resources available to learn more about the data documentation and data files

Getting Started with the Common Core of Data (CCD)**Slide 16 of 16****Module Resources**

- [Collecting Data for the CCD](#)
- [Annual Publications and Reports](#)
- [School and Agency Reports](#)
- [State Nonfiscal Reports](#)
- [District Fiscal Reports](#)
- [State Fiscal Reports](#)
- [Dropouts, Completers, and Graduation Rate Reports](#)
- [Universe data: State](#)
- [Universe data: School District \(LEA\)](#)
- [Universe data: School](#)
- [Dropout and Completers: State](#)
- [Dropout and Completers: School District \(LEA\)](#)
- [School District \(LEA\): Public Use](#)
- [School District \(LEA\): Restricted-use](#)

Reports

- [Historical Publications and Reports](#)
- [Largest Districts Reports](#)
- [Teacher Compensation Reports](#)
- [Directory Reports](#)
- [Historical Overview Reports](#)
- [Data Tables](#)
- [Data Files](#)
- [CCD](#)
- [Restricted-use license](#)
- [Elementary/Secondary Information System \(EISi\)](#)
- [Finance: State \(NPEFS\)](#)
- [Finance: School District \(LEA\) – F-33](#)
- [Finance: Teacher Compensation Survey – Restricted-use](#)
- [Restricted-Use Files](#)
- [Teacher Compensation Survey](#)
- [Dropout and Completer \(Restricted-use\)](#)
- [quickFacts](#)
- [expressTables](#)
- [tableGenerator](#)