



Why did CDE update their Data Dictionary?

Legal Requirements

Per Colorado law, the Colorado Department of Education (CDE) is required to provide a Data Dictionary with a list of the Personally Identifiable Information (PII) collected within our student data system. The Dictionary must include definitions of the data elements and information about the legal mandates to collect that data. [C.R.S. 22-16-104 (a)]

Under the same law, Local Education Providers (LEPs) are required to post clear information on their website explaining the PII that they collect and maintain. This information does not need to include the PII that the LEP transmits to CDE but the LEP must post a link to CDE's Data Dictionary. [C.R.S. 22-16-107 (1)(a)]

Data Transparency

CDE's prior Data Dictionary was built to accommodate users that are both internal and external to CDE, and as a result, it was not easy for a layperson to understand. CDE considers data transparency to be very important so this new Data Dictionary provides clearer information for any member of the public who wants to understand the PII that CDE collects. This tool may also be useful to help district administrators answer questions from the public.

How can I access and use CDE's Data Dictionary?

Where is the Data Dictionary?

You can reach CDE's Data Dictionary via this link: <http://www.eddataportal.info/cde>. There are also links to the Data Dictionary on CDE's Privacy and Security pages, which can be found at <http://www.cde.state.co.us/dataprivacyandsecurity>.

What is contained in the Data Dictionary?

The Data Dictionary contains a list of CDE's collections, which are the primary groups of data CDE gathers from school districts, Boards of Cooperative Education Services (BOCES) and Administrative Units (AUs) throughout the year for specific purposes. Under each collection, you will be able to see the detailed data elements that are collected as well as the related legal mandates. While CDE is only required to provide a Data Dictionary for student information, educator data is also included.

Under each collection is a list of the data elements that local education agencies provide. Each data element contains a definition and also whether the data element is personally identifiable or not. While some data is obviously personally identifiable (like "name"), some data is only identifiable when combined with other information. Those data elements are listed as conditional. An example of this situation might be the data element "race". On its own, a particular race is not personally identifiable, but if you have "John Smith" and "race" together, you know that John is of a particular race, and that may identify him. For that reason, "race" would be listed as conditional. Finally, the Data Dictionary shows when one data element (like name) is collected in multiple collections.

How can I use the Data Dictionary?

You can explore the Data Dictionary by collections or by data elements. You can search for an element by name or browse through the elements in alphabetical order. You can also determine if a data element is personally identifiable or conditional. You can select a data element or a collection to get more information, which includes the legal mandate for that collection or element. In addition, you can export data to excel if you want to use the information in another way. More details on how to use the Data Dictionary follow.

Questions?

Email dataprivacy@cde.state.co.us.



Data Dictionary Screenshots and Instructions

How to Browse and Find Elements

Select [Data Elements](#) or [Collections](#) based on what you want to see.

You can select [All](#) data elements or select to view a subset of elements utilizing the [A B C](#).

Welcome to the Ed Data Portal
Explore your state education agency's data dictionary of elements collected.

GUIDE Go here for directions on using the Ed Data Portal.

Detailed Lists
Select a list below to view its details.
Data Elements
Collections

Data Elements
Select a data element to view its details.

Export to Excel

Element Name	Is This Element Personally Identifiable?
All # A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	All
<input type="text" value="Enter Element Name to Search"/>	
Base Salary or Wage	Conditional
Basis of Exit	Conditional
Before and After School Care Programs Flag	Conditional
Beginning (start) Date at School District	Conditional
Behaviors	Conditional
Bilingual	Conditional
Birthdate	Conditional
Blended Learning Flag	Conditional
Brought or Possessed at School	Conditional
Bully Prevention in Positive Behavioral Interventions and Supports (BP-PBIS) Flag	Conditional

Select an individual Data Element to see the Element Profile.

Element Profile

Birthdate

Definition
The month, day, and year on which an individual was born.

This element is on these collections.

Collection Name Collection Item Name Personally Identifiable?	Collection Authority
Collection Name: ACCESS for ELLs SBD Collection Item Name: Student's Date of Birth Personally Identifiable: Conditional	Mandate: CRS 22-24-106 - ENGLISH LANGUAGE PROFICIENCY ACT - Department of education - powers - duties - state board of education - rules Every Student Succeeds Act - Elementary and Secondary Education Act of 1965 [As Amended by the Every Student Succeeds Act, Enacted December 10, 2015]
Collection Name: CMAS - PARCC Science and Social Studies/CoAlt Science and Social Studies SBD Collection Item Name: Student's Date of Birth Personally Identifiable: Conditional	Mandate: C.R.S. 22-7-1006.3 - PRESCHOOL TO POSTSECONDARY EDUCATION ALIGNMENT - State assessments - administration - rules Every Student Succeeds Act - Elementary and Secondary Education Act of 1965 [As Amended by the Every Student Succeeds Act, Enacted



How to Browse and Find Collections

Select: Collections

Shows all the current data pipeline collections that are in DataSpecs which imports over into Ed Data Portal.

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Detailed Lists

Select a list below to view its details.

↑ Data Elements

Collections →

Collections (Select a collection to expand or collapse.)

↓ Export to Excel

Collection Name: ACCESS for ELLs SBD

Collection Name: CMAS - PARCC Science and Social Studies/CoAlt Science and Social Studies SBD

Collection Name: Dynamic Learning Maps SBD

Collection Name: Finance December

Collection Mandate:

13 USC 161 - U.S. Code: Title 13 - CENSUS - Uinquennial censuses; inclusion of certain data

20 USC 1416 - ASSISTANCE FOR EDUCATION OF ALL CHILDREN WITH DISABILITIES

20 USC 1481 - EDUCATION OF INDIVIDUALS WITH DISABILITIES -Comprehensive Plan for Parts B and C

20 USC 9543 (a)(1)(I) - National Center for Education Statistics - Duties

CRS 22-11-206 - STATE ACCOUNTABILITY

CRS 22-32-109 - SCHOOL DISTRICT BOARDS - POWERS AND DUTIES

CRS 22-44-101 - SCHOOL DISTRICT BUDGET LAW

CRS 22-44-105 - SCHOOL DISTRICT BUDGET LAW

CRS 29-1-605 - LOCAL GOVERNMENT AUDIT LAW - Contents of report

CRS 39-5-128 - REAL AND PERSONAL PROPERTY - Certification of valuation for assessment

Collection Item Name	Element Name	Personally Identifiable?
Administrative Unit Code	Administrative Unit Code	Conditional
Amount	Amount	Conditional
Fiscal Year	Fiscal Year	Conditional
Fund Code	Fund Code	Conditional
Grant/Project Code	Grant/Project Code	Conditional
Job Classification Code	Job Classification Code	Conditional

Click the down arrow to expand to show the Collection Name, Mandates and Collection Item Name and Element Name.

Click the up arrow to return to the previous screen.



Export to Excel

Export to Excel will download your current selection into an Excel file. There is an export to excel option available when viewing data elements or collections. Either option will download a excel file that contains two tabs. If you download the excel export from the data elements section you will get tabs named: Data Elements and Collection Information. If you download the excel export from the collections section you will get tabs named: List of Collections and Collection Data Elements.

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Detailed Lists
Select a list below to view its details.

Data Elements →

Collections

Data Elements
Select a data element to view its details.

Element Name	Is This Element Personally Identifiable?
All # A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	
<input type="text" value="Enter Element Name to Search"/>	<input type="text" value="All"/>
<p>Base Salary or Wage</p>	<p>Conditional</p>
<p>Basis of Exit</p>	<p>Conditional</p>
<p>Before and After School Care Programs Flag</p>	<p>Conditional</p>

Export to Excel

Data Elements export tab: Data Elements, each data element is listed along with a description, if it is personally identifiable, and the collection(s) that use the data element.

Element Name	Element Description	Is This Element Personally Identifiable?	Collection Name(s)
Base Salary or Wage	The annual contract salary or wage an individual is paid before deductions.	Conditional	Human Resources; Special Education December Count
Basis of Exit	Indicate the circumstances under which the student exited from Special Education. The Exit Codes that are used on the Total Student End-of-Year collection are also used for this collection whenever possible.	Conditional	Special Education End of Year
Before and After School Care Programs Flag	A yes or no flag which indicates whether or not your school offers Before and/or After School Care Programs.	Conditional	Report Card March
Beginning (start) Date at School District	The month, day, and year the individual was employed by the district or Administrative Unit.	Conditional	Human Resources; Special Education December Count
Behaviors	The type of conduct and discipline code violations, each of which are reported only in the most serious category that is application to that violation.	Conditional	School Discipline and Attendance

Data Elements export tab: Collection Information, each collection is listed along with the collection mandate.



 	
Collection Name	Collection Mandate
ACCESS for ELLs SBD	CRS 22-24-106 - ENGLISH LANGUAGE PROFICIENCY ACT - Department of education - powers - duties - state board of education - rules Every Student Succeeds Act - Elementary and Secondary Education Act of 1965 [As Amended by the Every Student Succeeds Act, Enacted December 10, 2015]
CMAS - PARCC Science and Social Studies/CoAlt Science and Social Studies SBD	C.R.S. 22-7-1006.3 - PRESCHOOL TO POSTSECONDARY EDUCATION ALIGNMENT - State assessments - administration - rules Every Student Succeeds Act - Elementary and Secondary Education Act of 1965 [As Amended by the Every Student Succeeds Act, Enacted December 10, 2015]
Dynamic Learning Maps SBD	CRS 22-7-1006.3 - PRESCHOOL TO POSTSECONDARY EDUCATION ALIGNMENT - State assessments - administration - rules Every Student Succeeds Act - Elementary and Secondary Education Act of 1965 [As Amended by the Every Student Succeeds Act, Enacted December 10, 2015]

Collections export tab: [List of Collections](#), each collection is listed along with the collection mandate.

 	
Collection Name	Collection Mandate
ACCESS for ELLs SBD	CRS 22-24-106 - ENGLISH LANGUAGE PROFICIENCY ACT - Department of education - powers - duties - state board of education - rules Every Student Succeeds Act - Elementary and Secondary Education Act of 1965 [As Amended by the Every Student Succeeds Act, Enacted December 10, 2015]
CMAS - PARCC Science and Social Studies/CoAlt Science	C.R.S. 22-7-1006.3 - PRESCHOOL TO POSTSECONDARY EDUCATION ALIGNMENT - State assessments - administration - rules Every Student Succeeds Act - Elementary and Secondary Education Act of 1965 [As Amended by the Every Student Succeeds Act, Enacted December 10, 2015]
Dynamic Learning Maps SBD	CRS 22-7-1006.3 - PRESCHOOL TO POSTSECONDARY EDUCATION ALIGNMENT - State assessments - administration - rules Every Student Succeeds Act - Elementary and Secondary Education Act of 1965 [As Amended by the Every Student Succeeds Act, Enacted December 10, 2015] 20 USC 1400 - Individuals with Disabilities Education Improvement Act of 2004



Collections export tab: Collection Data Elements, all data elements are listed and sorted by collection. In this report elements are repeated when they appear in multiple collections.

Element Name	Element Description	Is This Element Personally Identifiable?	Collection Name
Date First Enrolled in US	The date a student first enrolled in a public or non-public US school (not including Puerto Rico).	Conditional	ACCESS for ELLs SBD
Declined Listening	Student declined to take this domain.	Conditional	ACCESS for ELLs SBD
Declined Reading	Student declined to take this domain.	Conditional	ACCESS for ELLs SBD
Declined Speaking	Student declined to take this domain.	Conditional	ACCESS for ELLs SBD
Declined Writing	Student declined to take this domain.	Conditional	ACCESS for ELLs SBD
District/BOCES name	District or BOCES name	Conditional	ACCESS for ELLs SBD
ESL Status	This one digit field indicates whether the student is currently enrolled in an English as a Second Language Immersion program is in the monitoring period, or is Exited.	Conditional	ACCESS for ELLs SBD
Exempted Listening	Student was exempt from testing.	Conditional	ACCESS for ELLs SBD
Exempted Reading	Student was exempt from testing.	Conditional	ACCESS for ELLs SBD
Exempted Speaking	Student was exempt from testing.	Conditional	ACCESS for ELLs SBD
Exempted Writing	Student was exempt from testing.	Conditional	ACCESS for ELLs SBD
Expelled Education	A program established to provide educational services pursuant to section 22-33-203 to expelled pupils.	Conditional	ACCESS for ELLs SBD
Federal Race	The single category used to classify the student or staff member in aggregated federal or state reporting, based on the race and ethnicity information.	Conditional	ACCESS for ELLs SBD

Data Dictionary Guide

To access the Guide, click on the link: [Go here for directions on using the Ed Data Portal.](#)

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Detailed Lists
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[Data Elements](#) → [Collections](#)

Data Elements
 Select a data element to view its details.

Element Name

All	#	A	B	C	D	E	F	G	H	I	J	K
<input type="text" value="Enter Element Name to Search"/>												
24 Semester Hours Of Content Coursework												