

Colorado Student Assessment Program



2010-2011

Student Biographical Data Review Manual

For

The Colorado Student Assessment Program CSAP, CSAPA, CELApro, and COACT

Published by



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What is the Student Biographical Data Review?

The Colorado Student Assessment Program began with two fourth grade tests in 1997 and currently has 31 tests in eight grades (the Colorado Student Assessment Program, or CSAP), 31 alternate tests in the same grades (the Alternate Colorado Student Assessment Program, or CSAPA), a college entrance exam in grade 11 (the Colorado ACT Assessment, or COACT), and a K-12 English language assessment (the Colorado English Language Acquisition Assessment or CELApro). All students in Colorado public schools must take these assessments as required by Colorado Revised Statute and the test results are used for many state and federal accountability purposes.

The purpose of the Student Biographical Data (SBD) review is to allow districts the opportunity to verify the accuracy of the demographic data submitted for each student for each Colorado Student Assessment Program test booklet. The review process takes place after testing has been completed and the booklets for all districts have been returned to the test vendor and before all assessments are scored and final results made available.

There will be three distinct SBD processes for the 2010-2011 school year: CELApro SBD, CSAP and CSAPA SBD, and COACT SBD. For each review, districts will log into the state online Automated Data Exchange (ADE) system and download a data file containing demographic data from every test booklet submitted to be scored and make changes to the data as needed. A final file reviewed and corrected by the district is then re-uploaded and subsequently matched with the final test score data to be reported.

For CSAP/CSAPA, and CELApro, one additional step is included in the SBD process. Before the SBD data files are made available, districts can verify that the total number of test booklets completed and returned to be scored matches the test vendor's records. This "Ncount" process takes place with the test vendor CTB online and not through the state ADE system.

The Unit of Student Assessment (USA) coordinates all SBD activities. USA will primarily communicate with District Assessment Coordinators (DACs) as well as Automated Data Exchange (ADE) respondents for each collection. All district specific communication and coordination is the responsibility of the district. Student ID (SASID) staff, Special Education staff, English Language Acquisition staff, and Title I staff may need to be part of a district's SBD activities.

SBD is not currently a mandatory process. Districts can choose to participate or not participate in each SBD process. Federal Adequate Yearly Progress (AYP), Title III AMAO, and state Accreditation reporting all rely on accurate demographic and test score data. Therefore, the impact of the SBD review of demographic data on accountability reporting is profound. Districts must know that AYP or AMAO appeals will not be heard unless a district chooses to participate in CSAP/CSAPA or CELApro SBD, respectively. More information about the Colorado AYP process is here: http://www.cde.state.co.us/FedPrograms/danda/ayp.asp. More information about the Colorado AMAO process can be found here: http://www.cde.state.co.us/FedPrograms/tiii/amaos.asp.



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2010-2011 Student Biographical Data Review Manual

Please note: USA understands that many acronyms are used as part of the assessment and accountability systems in Colorado. The lingo can be quite dense for newcomers. A list of common acronyms can be found in Appendix A.

While SBD has been available in one form or another for CSAP since 2002, this manual was first created in 2007 to include all assessments in one document. It is meant as an online document that will be updated as needed and revised yearly. Updates will be logged online at http://www.cde.state.co.us/cdeassess/publications.html along with the latest version. Since important additions and other changes may be made throughout the SBD window, printing the entire manual to distribute to district staff is not recommended.

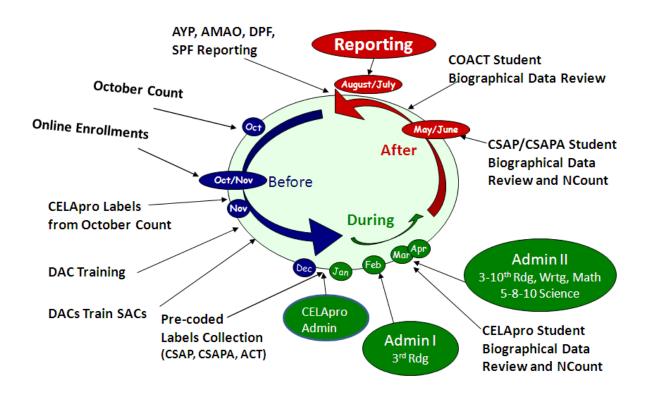


What SBD is...and is NOT

SBD is one step in a series of data operations that all districts complete for Colorado assessments. SBD is at the end of the process, not at the beginning. It should not be the first time districts complete and review accurate data for their students. A number of other steps are in place throughout the year before and during testing to ensure biographical data is accurate.

Figure 1: Assessment Data "Life Cycle"

Assessment Data Life Cycle



The data "life cycle" (Figure I) for Colorado assessments starts in September with the opening of the Student October collection and finishes the following August with the official reporting of test results (as well as final reporting for AYP in October and DPF/SPF in December). Districts have multiple opportunities to get their data right. SBD is the final review before the data are loaded into the state warehouse for official reporting.



2010-2011 Student Biographical Data Review Manual

Starting with Student October pupil membership collection, biographical data for students to be tested are generated by districts. Student October closes in early November, and pre-coded labels are created for CELApro assessment at this point for all Non-English Proficient (NEP) and Limited English Proficient (LEP) students. Hand bubbling CELApro booklets will need to be conducted for any NEP or LEP students who enroll after the Student October collection is submitted.

Districts then have the opportunity to submit an updated student data file in early January for CSAP, CSAPA, and COACT through the Pre-coded Labels collection. For districts choosing to submit a pre-coded label file, all students in grades 3 through 11 must be included in this submission, with records for newly enrolled student added and records for withdrawn students removed from the file. If districts choose not to submit an updated pre-coded labels file, labels are created automatically from the districts' Student October file. Districts with high turnover or mobility rates should participate in the pre-coded labels collection. Correct pre-coded labels mean less hand bubbling of data grids and fewer data errors.

As districts receive their pre-coded labels as part of the testing materials sent to them by the test vendor, student rosters are included. Incorrect data may be reviewed by district staff before testing begins as part of the preparation activities. These materials can also be checked during the packing and shipping process. Please note: while "Free/reduced meals" data and "Homeless" status are included in the pre-coded labels file data, these fields are not printed on the student rosters for privacy reasons.

Districts also provide biographical data during the testing windows. Students testing without pre-coded labels must have each test booklet hand bubbled with correct information. All students must have the "Test Invalidation" and "Accommodations" ("Expanded Accommodations" for CSAPA) fields bubbled for each content area (or CELApro domain) at the time of testing. These fields are always blank in the pre-coded label data. The "Test Invalidation" fields are directly linked to specific accountability reporting criteria. Appendix B includes the 2011 student data grids for each Colorado assessment for reference.

SBD is intended to be a REVIEW of all of the previous points in the assessment cycle when accurate data are entered and maintained. SBD is an opportunity to complete and update student data, but districts should not depend on SBD as a process to create assessment biographical data for the first time.

SBD is not currently a mandatory data collection. Not all districts will choose to participate in SBD. Additionally, SBD is not a guaranteed data collection. The availability of SBD each year and for each assessment depends on many data operations occurring successfully throughout the testing cycle. Every district in the state must return their complete set of booklets to be scored in a timely manner, and the test vendor must receive, process, scan, and score every booklet and return the resulting file to CDE for SBD to be possible. Every year, more tests are completed taking more time to process. Final timelines for reporting assessment data cannot be moved (CELApro by May and CSAP/CSAPA/COACT by August). If the timing of the SBD process results in delays of the final reporting timelines, SBD will be suspended for that assessment. To date this has not happened, but must be considered when districts maintain their assessment data through the testing cycle.



Who to Contact for SBD

The different stages of SBD are often highly time-sensitive with short windows that cannot be extended. Districts need to be able to get in contact with the right people at the right time to keep the process going smoothly. USA administers the SBD collections and works directly with CDE's IMS unit that oversees the entire ADE system. These units work collaboratively to make the collections work.

- Contact USA with any questions about the data fields, windows, procedures, ADE systems, etc. Calling the main desk at 303.866.6929 is the most efficient way to contact USA with SBD questions. Please do not call the entire USA staff in sequential order once you have left a message on the main line -- we end up needing to coordinate call backs on our end and not returning calls!
- For Ncount questions, please call the CTB customer service line at 800.994.8557.
 Ncount takes place online through the CTB Navigator system. DACs have the only access. THIS IS NOT AN ADE PROCESS like the SBD collection. CTB will work directly with DACs on this process. More information on Ncount is found on page 11.
- **AYP** questions should be directed to the Federal Programs office at 303.866.6855 or directly through email at pearson_a@cde.state.co.us.
- Annual Measurable Achievement Objectives (AMAO) questions should be directed to the Federal Programs office at 303.866.6753.
- For **SASID** questions contact the Records Integration Tracking System (RITS) unit at 303.866.6612.
- The **DAC list** (http://www.cde.state.co.us/cdeassess/DAC.asp): Districts may need to contact the DAC for another district with questions about data for individual students.
- English Language Acquisition and Special Education questions: **Policy questions** about ELA and Special Education issues can be directed to each of these units.
 - o Language, Culture, and Equity Unit (LCEU): Joanna Bruno at 303.866.6870
 - o Exceptional Student Services Unit (ESSU): Tanni Anthony at 303.866.6681

Please note: USA's primary contact with districts for all assessment issues is through email with the DACs. We also contact ADE respondents as each window approaches with any updates about windows, documentation, training, etc. Please make sure any email addresses are correct and up to date prior to the beginning of SBD. The ADE respondent must be authorized for each collection and the email address correct in order to receive messages about submitted files.



SBD Windows and Timelines

Since Ncount and SBD processes are based on booklets being received, processed, scanned, and scored by the test vendor, **SBD dates are subject to change**. The following dates are based on previous years' windows and the current year's progress. Any changes or updates will be emailed to DACs and ADE respondents directly.

CELApro SBD 2011

Ncount: February 28 - March 4

SBD: March 7 - March 18

CSAP/CSAPA SBD 2011

Ncount for grade 3 Reading/Lectura: March 30 – April 4

Nount for CSAPA and for CSAP Grade 3 Writing/Math, and Grades 4-10: May 20-25

SBD: May 26 - June 10

COACT SBD 2011

SBD: June 28 – July 6

SBD deadlines are firm and will not slide. SBD windows and deadlines are finalized based on the final absolute date when the vendor needs the updated file returned in order to complete the final data file creation process. SBD reviewed data must be incorporated with the test score data as soon as possible for reporting, and all reporting timeframes are specified in contract. SBD differs from other non-assessment ADE collections in this regard.

We will send a 72 hour closing alert for all SBD windows to DACs and respondents. If the district has not completed the SBD collection by the end of the window, no updates to their SBD data will be made.

An online training for CELApro, CSAP, and CSAPA SBD will be recorded in February 2011, prior to CELApro Ncount. This training will be available for districts to access at their convenience throughout the SBD windows.



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The purpose of SBD training is not to reiterate this manual. The focus will be on highlighting any new items and changes for this year, working directly with a district data file, and using the various ADE reports available during the collection.

No training for COACT SBD will be held. A COACT SBD PowerPoint will be available by late May -- content will be similar to the previous years' trainings, focusing on the data file and the ADE reports. Please note that for 2011, there are no changes to the file layouts or reports for COACT SBD. ACT may restrict the changing of some "Testing Status (Q10)" codes during SBD by districts. These codes are related to the scanning and scoring of ACT booklets and cannot be changed at the later time when SBD takes place. More information will be included in the COACT SBD training slides.



Ncount

The first step for SBD is not actually part of the main SBD file review activities at all. The Ncount process is very simple and yet extremely important. Using School Group Lists (SGLs) and Group Information Sheets (GIS) completed during the shipping and packing process, districts verify that the test vendor has received and scanned all the test booklets submitted by the district. All subsequent SBD activity – as well as score reporting – relies on this check being made once testing has completed.

Please note: Nount is a process specific to CTB/McGraw-Hill. COACT does not have an Nount.

CELApro, CSAP, and CSAPA will each have an Noount process. CSAP grade 3 Reading and Spanish Reading have a separate, earlier Noount process, also, so scores can be released early to districts in May per state legislation for the Colorado Basic Literacy Act (CBLA).

Since Ncount is crucial to CTB scoring processes, it is available online through the Navigator system: https://www.ctb.com/account/login.jsp. **Ncount is not administered through the ADE system like SBD collections.** DACs, not ADE respondents, have access to CTB's Navigator system and are responsible for completing Ncount.

For each assessment, DACs log in to Navigator, follow the Ncount link and download the Ncount file that has the counts of booklets received for each school and grade. A tutorial is available to walk DACs through the Ncount process on CTB's website. Use the "Tools and Instructions link on either the CELApro or CSAP/CSAPA Navigator page.

The downloadable Ncount file is a comma delimited text file, or a ".csv" file. The data are separated into columns by commas and can be opened in Excel. Figure 2 shows the layout and data in a sample Ncount file. Both school and district level counts by grade are included. Please note: the "Element #" column is for CTB use only.

For CSAP, separate Reading/Writing, Math, and Science booklets are submitted, so there will be Notice for each content area to review. In the file, there are counts for each school and grade level CTB has received and scanned. Districts can compare CTB counts with counts recorded on their SGLs. District copies of GIS forms may also be helpful.

For CELApro and CSAPA, only one answer booklet is scanned for each student. Each domain or content area is included in the same scoreable booklet. Only one Ncount file for these assessments by school and grade will be available.

Once districts have compared their counts with CTB counts, a very short Ncount survey must be completed. There is a link to the online survey on the same page where the Ncount file available.



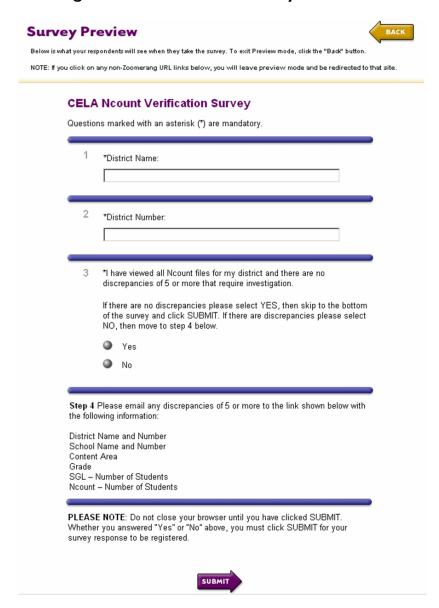
Figure 2: Sample Ncount File

	Α	В	С	D	Е	F	G
1	Element Name	Type	Element #	Grade	Count	Dist. #	Sch #
2	Emmanual HS	DIS	222	3		0010	
3	Castro Heights	SCH	223	3	157	0010	0798
4	ATL High	SCH	858	3	94	0010	5740
5	Chicago East	SCH	1400	3		0010	6016
6	Berkley HS	SCH	1600	3		0010	9036
7	Laguna JR	SCH	1693	3		0010	9442
8	Emmanual HS	DIS	222	4	434	0010	
9	Castro Heights	SCH	223	4	161	0010	0798
10	ATL High	SCH	858	4	81	0010	5740
11	Chicago East	SCH	1400	4		0010	6016
12	Berkley HS	SCH	1524	4	38	0010	9036
13	Laguna JR	SCH	1693	4		0010	9442
14	Emmanual HS	DIS	222	5	436	0010	
15	Castro Heights	SCH	223	5	161	0010	0798
16	ATL High	SCH	858	5		0010	5740
17	Chicago East	SCH	1400	5		0010	6016
18	Berkley HS	SCH	1600	5	55	0010	9036
19	Laguna JR	SCH	1693	5		0010	9442
20	Emmanual HS	DIS	222	6		0010	
21	Burt's JR 1	SCH	650	6	2	0010	4436
22	Chicago East	SCH	999	6		0010	6016
23	Black SkyView	SCH	483	6		0010	0263
24	Golden Gate 1	SCH	483	6		0010	0187
25	Berkley HS	SCH	1693	6		0010	9036
26	YORK MS	SCH	1453	6		0010	9780
27	Emmanual HS	DIS	222	7		0010	
28	Burt's JR 1	SCH	563	7		0010	4436
29	YORK MS	SCH	1541	7		0010	9780
30	Emmanual HS	DIS	222	8		0010	
31	Burt's JR 1	SCH	653	8		0010	4436
32	YORK MS	SCH	1541	8		0010	9780
33	Emmanual HS	DIS	222	9		0010	
34	Millenium Chase HS		1478	9		0010	0309
35	C. Chavez JR	SCH	1478	9		0010	0311
36	Heart Academy	SCH	951	9		0010	0212
37	Black SkyView	SCH	457	9		0010	0263
38	Golden Gate 1	SCH	496	9		0010	0187
39		SCH	468	9		0010	0221
	Emmanual HS	DIS	1357	10		0010	
41	Millenium Chase HS		1489	10		0010	0309
42	C. Chavez JR	SCH	1700	10		0010	0311
43	Heart Academy	SCH	1111	10		0010	0212
44	Black SkyView	SCH	1369	10		0010	0263
45	Golden Gate 1	SCH	1201	10		0010	0187
46	Greece HS	SCH	578	10		0010	0221

The Ncount survey asks for 1) your district name and 2) four-digit number and 3) one question: "I have viewed all Ncount files for my district and there are no discrepancies." Check the Yes box if the Ncount numbers are accurate. Check "No" if there are any discrepancies in the file. Figure 3 shows the online Ncount survey.



Figure 3: Online Nount Survey Screenshot



If you check "No" on the Ncount survey, CTB will prompt you to send an email to the scoring center and they will follow up with the DAC directly. CDE is also monitoring all survey results in real time and will work with CTB as needed. If districts have questions, call the CTB customer service number at 800.994.8557.

An email will be sent to DACs prior to each Ncount window being opened. Depending on the assessment, you will need to login in to the Navigator system specifically for that assessment.

Please note: booklets submitted under a Home School GIS are not part of Ncount. These booklets are scored and reported separately from the general testing population.



School of Accountability

Please note: the "District Use B – School of Accountability" field was removed from all assessments in 2007-08.

There may be situations where a student tests at a school other than the school for which the student's results will be reported. DACs plan for these cases in advance of the administration of the assessments. For CSAP, CSAPA, and CELApro, all student booklets must be returned to the test vendor under the School Group List (SGL) and Group Information Sheet (GIS) for the school for which the results are reported. For Ncount and SBD, all booklets that have been scanned and scored are listed under the school on the SGL and GIS. If a booklet has been returned under the wrong SGL and GIS, please contact CDE immediately. For more information found in the CDE document "Clarification of School vs. Program" with examples, please see Appendix C.



Automated Data Exchange (ADE) Documentation

SBD takes place online through ADE. The main ADE sections can be found here: https://cdeapps.cde.state.co.us/ (see Figure 4). Getting familiar with the different pages you can access on ADE will help make SBD go smoothly. Saving this page in your "Favorites" links in your browser will save you time later.

You can also access ADE from the main CDE webpage (http://www.cde.state.co.us/) using the search field at the top of the page. Enter "Automated Data Exchange" in the search field and click Enter.

Figure 4: Links to Main Sections of ADE



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Dwight D. Jones, Commissioner of Education 201 E. Colfax Avenue, Denver CO 80203-1799; (303) 866-6600

URGENT NOTICE TO THE USERS OF THESE SYSTEMS: <u>Directory</u>, <u>11th Grade Alternate Assessment</u>, <u>Report Card March</u> and <u>Safety & Discipline</u>. these systems. More specifically, the Oracle JInitiator software does not work with Windows Vista. Oracle is aware of this issue resolution of the incompatibility. We will continue to monitor Oracle's progress in resolving this issue.

NOTICE TO THE USERS OF THESE SYSTEMS: <u>Directory</u>, <u>11th Grade Alternate Assessment</u>, <u>Report Card March</u> and <u>Safety & Discipline</u>. Due to a so on your pc must be updated in order for you to be able to access your entry screen. The process of updating JInitiator on your p screen after 8/20/07. Online instructions will guide you through the steps. If this does not happen for you automatically, you mus update to the most recent version of JInitiator. <u>Link to update the JInitiator software</u>

WARNING: The Automated Data Exchange System may be accessed only by authorized personnel and used only for official state business. violators to criminal, civil, and/or administrative action. Inappropriate use may subject violators to criminal, civil, and/or administrative action.

- Automated Data Exchange System Available 6:15 AM 11:00 PM
- Automated Data Exchange Documentation
- Automated Data Exchange News and Updates
- Automated Data Exchange Contacts at CDE
- Automated Data Exchange Respondent Contact List

The Colorado Department of Education does not endorse, recommend or favor any vendor or product over another.



Two sections of ADE crucial for completing SBD are highlighted in Figure 4. The first link "Automated Data Exchange System" will take you directly to the secure login popup screen where districts can access data and reports for download as well as upload data files for submission. This link to the secure area is where most SBD activity will take place.

The second important link is for the supporting information: "Automated Data Exchange Documentation." Clicking here will take you to a Table of Contents page which lists all the available ADE collections. Links for "...CELA Proficiency SBD" (now called CELApro), "Student Biographical Data for CSAP" (which includes the CSAPA), and "Student Biographical Data for ACT" are all included here. Figure 5 shows this Table of Contents.

Figure 5: ADE Table of Contents screenshot



Automated Data Exchange Documentation

Table	e of Contents
General	activity of the second property of the second
Colorado English Language	Assessment (CELA) Proficiency, SBD
Financial	
Human Resource	
Student October	
Report Card March Collec	tion
Record Integration Trackin	g System
Safety & Discipline Indicate	or Collection
Student Biographical Data	for CSAP
Student Biographical Data	for ACT
11th Grade Alternate Asse	ssment
Directory	
Adult Education	
Pre-coded Labels	
Migrant Education	
Student End of Year	
Reading First BEAR	
Mathematics and Science I	Partnerships



Each collection has a number of supporting documents, including:

- The "Overview" document shows the general process for the ADE collection while logged into the secure area of ADE. District and individual level access, downloading and submitting files, getting reports, and final approval are described.
- Excel tutorials: These tools are commonly used by districts to create, view, update, and save files in the proper format for ADE submission. These tutorials are meant to give examples of how to work with the SBD files you download (for SBD, either text (.txt) or comma separated (.csv) files are available), edit, and re-upload to ADE. Other tools, such as MS Access are possible.
- Excel header file: Many districts use Excel to work with text file (in either .txt or .csv format) provided by ADE. This Excel header file identifies what data each column in the file contains. There are many columns of data; this header document can speed up the process. To use the header, add a blank row at the top of your data file and copy the header row to your data. Don't forget to remove the header row from any file you create to upload to ADE!

Three SBD documents are crucial for completing SBD successfully:

- **File Layout and Field Definitions:** This document tells you what data are in the file and where. The header document mirrors this information for working directly with the data in Excel.
- The Edit Errors/Warnings document tells you what data inconsistencies will be checked by the ADE system. All edits and errors must be corrected before you can complete SBD and approve your file submission. Warnings may remain warnings, simply providing useful information about data in the file.
- ADE Respondent Change Form: Each district has one respondent/login account for each ADE collection. Any alerts or updates for SBD will be emailed to DACS and the ADE respondent for that specific SBD collection. If you need to change the respondent, complete the appropriate form for each collection and fax it to the USA at the fax number included on the form. USA will process your request and get you the new passwords ASAP. Please note: respondent activation changes are not instantaneous -- they are applied by another unit and can take time. Reviewing who your district respondent is for each collection before the collection opens is good practice and ensures the right people in your district get the right information at the right time.



Steps for Successfully Completing SBD

What do SBD respondents actually do? In a nutshell, when the SBD collection opens, a district file is created from the scanned data from the test vendor. The SBD respondent will log in to ADE, access the appropriate SBD collection, and download the file. The respondent then reviews the data in the file, makes changes as necessary, and resubmits a reviewed file to ADE. Districts continue to submit reviewed and updated data until no errors exist in the file. The district can approve the file at this point, completing the collection.

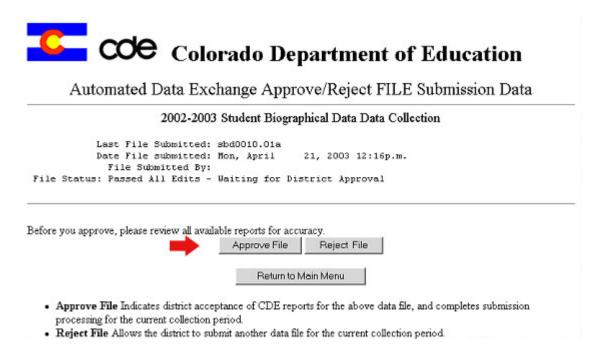
Along the way, there are some steps that have proven successful for districts to follow to complete SBD.

- Watch your email inbox. USA communicates with over 180 districts primarily through DAC emails. We also include ADE respondents when the communication is specifically geared toward SBD issues. Email will always be districts' first alert. For DACs, all emails from USA are also logged on the Navigator system
- Review your Ncount files and complete the Ncount survey. Book count
 discrepancies need to be explored and corrected as soon as possible before the SBD
 files are created for review. Fixing these issues is not always possible later in the
 process. Ncount provides this first check for DACs that every book you expect to be
 scored gets scored.
- Read the SBD Manual. The manual answers the "who, what, where, when, and why" questions about SBD.
- Watch the online training and review the training slides. Training will focus on the "how" of SBD, along with any new or changed items. Online trainings are done through Navigator with more information sent through email. (http://www.cde.state.co.us/cdeassess/training_info.html)
- Review the ADE documentation. While these documents usually do not change
 much from year to year, the "File Layout" and "Edit Errors and Warnings" documents
 may have important revisions. (https://cdeapps.cde.state.co.us/doc_toc.htm)
- Fax SBD Respondent changes for each collection before the windows open. Respondent login data are maintained through the ADE system, and there can be significant turnaround time to get new users activated when districts are not able to access ADE. In the meantime, USA email alerts may be going to wrong people. Check your district ADE respondents here: https://cdeapps.cde.state.co.us/respondents.htm.



- Know how the ADE system checks your SBD file. When a file is uploaded to ADE, the system checks the file in stages. First, the file must be a space-delimited text file (in .prn format for SBD) and have the correct file length. Next, the system checks for appropriate values and codes to be in every field, including a check that every SASID has a match in RITS records. The SASID match includes first and last name, date of birth, and gender. Finally, the system checks for Errors and Warnings. If ADE messages are unclear checking the Edits Errors/Warnings document and knowing where in the process your submission is can help.
- Run your file through ADE as often as you can and use the ADE reports. The
 checks and reports are intended to guide and support districts throughout the process.
 The reports can be long and exhaustive, but scrolling through them electronically can be
 very helpful.
- Districts must approve of their final successful submission to complete SBD. If a district does not approve their file, no changes/updates will be applied. The original data received by the test vendor will be used. To finally approve your file, download all the final ADE reports. Save them on your computer for your own records, you may need to go back to them later. Figure 6 shows the final approval screen for SBD.

Figure 6: Final SBD Approval Screenshot



• Review the final completed version of your file after SBD closes. No further changes can be made by districts after SBD closes, but any processing errors by CDE or the test vendors can be caught at this point in time. Contact USA immediately if your final, approved SBD file does not match the final post-SBD file posted on ADE.



CELApro SBD Survival Notes

While the general steps of each SBD are consistent, each collection has its own unique data elements, layouts, errors, and other quirks. Here are a few items to keep in mind when completing the CELApro SBD process.

What's New for 2011?

- The field containing the race/ethnicity data has been expanded from a one byte field to a 2 byte field for ethnicity, five 2 byte fields for race, and a 2 byte field that summarizes the race and ethnicity for Federal reporting. The "File Layout and Field Definitions" document (https://cdeapps.cde.state.co.us/doc_toc.htm#celasbd) describes this change in the file layout and definitions. The CELA "Edits, Errors and Warnings" describes the edit checks that will be applied to the data.
- o This warning about Title I coding has become an error: "If Title I = 1, AND school code does not match list of school wide or targeted assistance schools." A second error covering Title I has been added: "If Title I <> 1 AND school is Title I school wide and grade spans match defined school wide grade spans."
- File layout: The CELApro SBD file layout was designed to be as similar to CSAP/CSAPA SBD file layout as possible. There are some data fields that are specific to CELApro that are placed near the end of the file, including Home Language, and the Test Invalidation and Accommodations codes for Speaking and Listening. (The Reading and Writing codes follow the CSAP/CSAPA file locations.)
- One row per student taking the assessment: Unlike the CSAP/CSAPA SBD file
 which has multiple rows of data for each content area assessed, CELApro SBD has only
 one row of data for each student. All data specific to each of the four domains of the
 test will be included in one row.
- Test Invalidation codes: Again, each row has data for each of the four domains tested: Reading, Writing, Speaking, and Listening. The invalidation options for CELA Proficiency are similar to CSAP and CSAPA, but not all apply. Use the "File Layout and Field Definitions" document (https://cdeapps.cde.state.co.us/doc_toc.htm#celasbd) or the sample data grid in Appendix B for reference. There is one invalidation code unique to CELApro: "Eligible to take CSAP Alt. Assessment" for students who attempted the CELApro and could not access the assessment due to significant cognitive disabilities. Also, this field is now alphanumeric, having values from 0-9, A and B.
- Accommodation codes: Again, each row has data for each of the four domains tested: Reading, Writing, Speaking, and Listening. The accommodations options for CELApro are similar to CSAP, but not all apply. The "File Layout and Field Definitions" document (https://cdeapps.cde.state.co.us/doc_toc.htm#celasbd) or the sample data grid in Appendix B can be used for reference.



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- Grade range: Unlike CSAP/CSAPA, CELApro is administered to K-12 NEP and LEP students. This field is two-digits and alphanumeric for CELApro, having values from KG to 12.
- Continuously enrolled for three years in Colorado field: The "Continuously Enrolled in CO" field will work differently for grades K-3 from grades 4-12. Since pre-kindergarten and kindergarten grades are not mandated by the state, students in grades K-3 will not be continuously enrolled for three years unless they have been retained for one or more years. Also, please note that the cutoff dates used for continuously enrolled fields for CELApro are based on CSAP/COACT administration windows in previous years and are consistent across all collections. Do not use last year's CELApro administration window for these dates.
- "Home Language" codes: Students' home language is collected for CELApro, instead of "Language Background" as for CSAP and CSAPA. The list of Home Language codes can be found here: ELPALanguageCodes.xls. Please keep in mind that no students with a "Home Language" code of 0002 English should take the CELApro.
- Edits, errors, and warnings: The CELApro SBD edits, errors, and warnings were
 designed to be as similar to CSAP/CSAPA SBD, and other ADE collections, as possible.
 Since "Home Language" is used instead of "Language Background," the wording of some
 edits is specific to CELApro. The "Edits, Errors, and Warnings" document
 https://cdeapps.cde.state.co.us/doc_toc.htm#celasbd details all the errors and warnings
 you may encounter during the collection.
- ADE reports: Compared with the CSAP/CSAPA SBD process, a smaller set of ADE reports for the CELApro SBD collection is available. The three reports are: Status Report, Summary Report, and Edit Errors/Warnings. These reports are featured in detail in the online training materials. ADE also forwards emails directly to SBD respondents regarding the processing of any recent submissions and as any new versions of reports become available.



CSAP/CSAPA SBD Survival Notes

While the general steps of each SBD are consistent, each collection has its own unique data elements, layouts, errors, and other quirks. Here are some important notes to keep in mind when completing the CSAP/CSAPA SBD process.

What's New for 2011?

- The field containing the race/ethnicity data has been expanded from a one byte field to a 2 byte field for ethnicity, five 2 byte fields for race, and a 2 byte field that summarizes the race and ethnicity for Federal reporting. The "File Layout and Field Definitions" document (https://cdeapps.cde.state.co.us/doc_toc.htm#sbd) describes this change in the file layout and definitions. The SBD "Edits, Errors and Warnings" describes the edit checks that will be applied to the data.
- o This warning about Title I coding has become an error: "If Title I = 1, AND school code does not match list of school wide or targeted assistance schools." A second error covering Title I has been added: "If Title I <> 1 AND school is Title I school wide and grade spans match defined school wide grade spans."
- File layout: The CSAP/CSAPA SBD file layout has changed this year because of new USDOE race and ethnicity reporting requirements.
- Multiple rows per student taking the assessment: When you download your SBD file, each completed test booklet has a row of data included. An 8th grader who took CSAP, for instance, will have a data row for the Reading/Writing booklet, another row for the Math booklet, and a third row for the Science booklet. If a student took both CSAPA and CSAP for different content areas, additional rows could be in the file. Knowing which content area assessed is in each row of the SBD file is critical for working with the file. Be aware of the "Content Area" and "Test Type" fields for each row of data you are updating. When using the ADE reports to make file updates, referencing the "Vendor Record #" is also important.
- Grade range: Grades 3 through 10 are valid grade codes CSAP and CSAPA. The 11th grade Alternate records are also included in this SBD collection, so grade 11 records can be in your file. The "Test Type" must be 0 for these grade 11 records.
- Continuously enrolled for three years in Colorado field: Since kindergarten is not mandated by the state, students in grade 3 will not be "Continuously Enrolled" for three years unless they have been retained for one or more years. There is a warning message that relates directly to the continuously enrolled field.



- Test Invalidation codes: There are three fields that keep Test Invalidation information in the SBD file: I) "Test Invalidation I" contains Reading, Math, or Science invalidation codes, depending on the Content Area for each row; 2) the "Test Invalidation 2" field has Writing invalidation codes; and 3) the "CSAPA Test Invalidation" field holds the invalidation code for all the CSAPA content areas. If the "Content Area" for a row is M (for Math) and the "Test Type" is C (for CSAP), the "Test Invalidation I" field must have a code, but the "Test Invalidation 2" (used only for Writing) and "CSAPA Test Invalidation" (used only for CSAPA) fields both must be blank. Use the "File Layout and Field Definitions" (https://cdeapps.cde.state.co.us/doc_toc.htm#sbd) or the sample data grid in Appendix B for reference. Please note: as of 2007, these invalidation fields are alphanumeric, having values from 0-9 plus A and B.
- Accommodation codes: There are two fields that keep Accommodations information in the SBD file: I) "Accommodations I" contains Reading, Math, or Science Accommodation codes, depending on the "Content Area" for each row and 2) the "Accommodations 2" field has Writing Accommodation codes. If the "Content Area" for a row is M (for Math) and the "Test Type" is C (for CSAP), the "Accommodations I" field must have a code, but the "Accommodations 2" (only for Writing) field must be blank. "File Layout and Field Definitions" (https://cdeapps.cde.state.co.us/doc_toc.htm#sbd will be updated in the future) or the sample data grid in Appendix B can be used for reference. Note: CSAPA Expanded Accommodations are not included in the SBD file. Each Accommodation field in the SBD file will be blank for CSAPA data rows.
- Edits, errors, and warnings: The "SBD Edits, Errors, and Warnings" document (https://cdeapps.cde.state.co.us/doc_toc.htm#sbd will be updated in the future) details all the errors and warnings you may encounter during the collection. These have not changed greatly from previous years. Errors related to English Language Learners have been reviewed to be consistent with previous ADE collections.
- ADE reports: A number of ADE reports are available during the CSAP/CSAPA SBD process, including the Status Report, Summary Report, and Edit Errors/Warnings, as well as the AYP In/Out report, and a CSAP vs. CSAPA Mismatch report. These reports are featured in detail in the ADE materials online. Keep in mind that ADE will create "Initial" and "Final" versions of data summary reports for districts to make before and after comparisons. ADE also forwards emails directly to SBD respondents regarding the processing of any recent submissions and as any new versions of reports become available.



COACT SBD Survival Notes

While the general steps of each SBD are consistent, each collection has its own unique data elements, layouts, errors, and other quirks. Here are some important notes to keep in mind when completing the COACT SBD process.

What's New for 2011?

- Q7 Test Accommodations will now have a value "K" for "No value gridded by the school". ACT will apply this value, but districts may change "K" to something else.
- Students attending online schools are using vouchers to take the ACT on a
 national testing day. Therefore, these students will not have any data for fields
 Q1-Q10. This data will need to be entered from district records. The SASID and
 ACT High School code may also be changed for these students.
- **File layout**: The COACT SBD file layout has not changed this year. This file is significantly different from the other SBD files. Specific biographical information for COACT is collected in the ten "Block V" questions of the answer folder. These fields combine multiple fields collected in other collections. Please refer to the COACT SBD file layout here: https://cdeapps.cde.state.co.us/actsbd file layout.htm.
- ACT HS code: ACT uses a six-digit high school code for their test processing. This
 code is included along with the four digit school and district codes used by CDE. ACT
 school codes can be found here: https://ade.cde.state.co.us/actcodes.htm. (Will be
 updated in the future.)
- One row per student taking the COACT assessment: Only COACT records for students in grade 11 are included in the file. 11th Grade Alternate records are created and maintained by CDE and were included in the CSAP/CSAPA SBD data file for review. They will not be included in the COACT SBD collection
- SASID must be valid: The SASID check for the COACT SBD process is different from the other SBD processes. While the SASID must match RITS, name, birth date, and gender can be different. A warning will occur when these fields differ, but ADE processing will not be stopped.
- Continuously enrolled fields: Please note that the dates for the continuous enrollment fields are specific to prior COACT testing dates, not CSAP testing dates.
 Q2 "Continuously Enrolled" for school and district uses the April 28, 2010 date.
 Q4 "Language Background" would use April 23, 2008 for three years in Colorado.
- Edits, errors, and warnings: The "COACT SBD Edits, Errors, and Warnings" document
 (https://cdeapps.cde.state.co.us/doc_toc.htm#actsbd) details all the errors and warnings you may encounter during the collection.



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• **Training PowerPoint available:** While training will not be provided specific to the COACT SBD process, a training PowerPoint is available to step you through the process, which covers the data collected and the ADE reports available for review. The PPT document can be found here: https://cdeapps.cde.state.co.us/actsbd overview.ppt.



Appendix A

List of Acronyms and Other Terms for SBD

List of Acronyms and Other Terms for SBD

ACCOM I: Accommodation Field for Reading, Math, and Science

ACCOM 2: Accommodation Field for Writing

ADE: Automated Data Exchange

AMAO: Annual Measurable Achievement Objectives

AYP: Adequate Yearly Progress

BLOCK V: CDE is required to collect specific student information for COACT. Block V

refers to a section of the COACT Answer Folder.

CBLA: Colorado Basic Literacy Act

CDE: Colorado Department of Education

CELAplace: Colorado English Language Acquisition Placement Test

CELApro: Colorado English Language Acquisition Proficiency Assessment

COACT: Colorado ACT

CSAP: Colorado School Assessment Program

CSAPA: Colorado School Assessment Program Alternate

.CSV: Comma Separated Value. This is a common data file format.

CTB: California Test of Basic Skills. Better known today as the test vendor for CSAP, CSAPA,

and CELA: CTB/McGraw-Hill

DIST USE A: Expelled status

DIST USE C: Free/Reduced Meal status

DIST USE D: Homeless status

DPF: District Performance Framework accountability report - replaced SAR.

ELAU: English Language Acquisition Unit

ESLU: Exceptional Student Leadership Unit

FEP: Fluent English Proficient

GIS: Group Information Sheet



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GRF: General Research File, the raw, student level data file (name change for GRT)

IMS: Information Management Services

LEP: Limited English Proficient

.MDB: File extension for Microsoft Access Database File

NAVIGATOR: CTB.com host system for forms, registrations, file sharing, and materials tracking.

NCLB: No Child Left Behind

NEP: Non-English Proficient

PCL: Pre-coded Labels

.PRN: File extension for Microsoft Excel Formatted Text (space delimited) file. This is the file format used by ADE for all SBD file submissions.

RITS: Record Integration Tracking System. This system maintains SASIDs.

SAR: School Accountability Report

SASID: State Assigned Student Identification number

SBD: Student Biographical Data review

SGL: School Group List

SIMU: Student Information Management System. This unit manages RITS and SASIDs.

SOA: School of Accountability (or Dist Use B – removed for 2008).

SPF: School Performance Framework accountability report – replaced SAR.

SPSS: Statistical Package for the Social Sciences, a useful file management/analysis program.

STUOCT: Student October – the pupil membership ADE collection.

TEST INV I: Test Invalidation Field for Reading, Math, and Science

TEST INV 2: Test Invalidation Field for Writing

.TXT: File extension for Text File. This is a common data file format.

URL: Uniform Resource Locator, or web address.

USA: Unit of Student Assessment



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USDOE: U. S. Department of Education

.XLS: File extension for Microsoft Excel Spreadsheet File



Appendix B Sample Student Data Grids

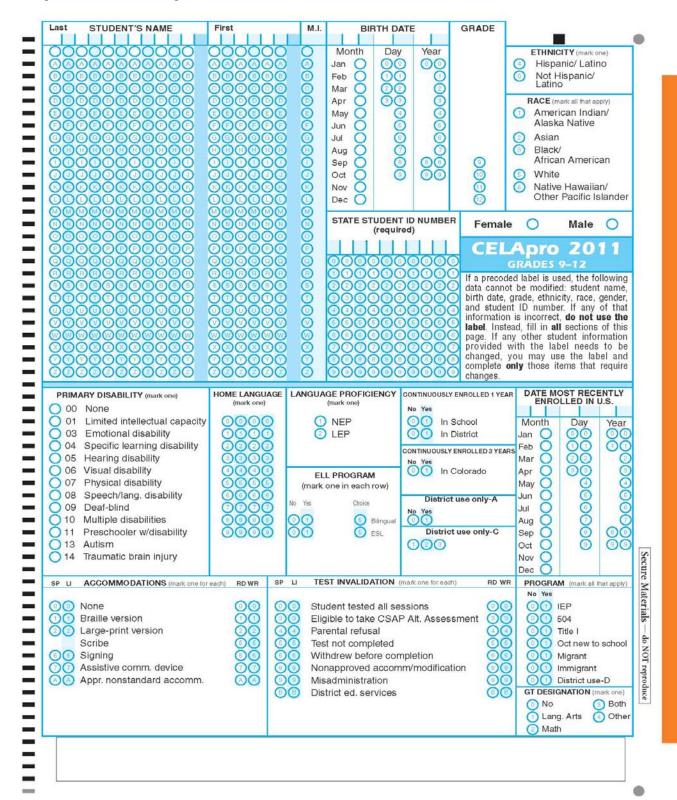
Sample 2011 CSAP Student Data Grid

		B Feb O (Day Year 00 00 00 0 0		Hispa Not H Latino RACE (m Ameri Alask Asian Black Africa White Native	ark all that apply) can Indian/ a Native / n American
	000000 000000 000000 000000 000000 00000	STATE STUDE	\$\overline{6}\over	If a precod data canno birth date and studer information label. Inste page. If an provided changed,	ding/Writed label is used to be modified, ethnicity, not ID number and, fill in all ny other study with the labyou may us	Male O 2011 ling Gr 7 ed, the following d: student name, race, gender, r. If any of that do not use the I sections of this dent information belied to be the label and ems that require
PRIMARY DISABILITY (mark one) O 00 None O 01 Limited intellectual capacit O 03 Emotional disability O 04 Specific learning disability O 05 Hearing disability O 06 Visual disability O 07 Physical disability O 08 Speech/lang. disability O 09 Deaf-blind O 10 Multiple disabilities O 13 Autism O 14 Traumatic brain injury Reading	O English O Spanish O Other LANGUAGE PRO O Not applica O NEP O LEP O FEP ELL PROGRAM No Yes M1 M2 E3+ O O O O O O Writing Readi	(mark one in each row) choice Billingual ESL	No Yes O In District CONTINUOUSLY ENRO No Yes O In Colora District use No Yes O O District use	ol ot	Month Jan O Feb O Apr O Apr O Jun O Jun O Jun O Sep O Oct O Nov O	DEST RECENTLY LLED IN U.S.
(mark one) ACCOMMODATIONS None Braille version Large-print version Teacher-read directions of Scribe Signing Assistive comm. device Extended timing used Oral script Appr. nonstandard accom Translated oral script Word-to-Word dictionary	000000	Student tested al Unable to test du Taking CSAP Alt. Parental refusal Test not complete Withdrew before Extreme frustratio	e to language Assessment ed completion on comm/modification	(mark one) (mark one)	No Yes O IEP O 504 O Title O O Oct O Migr	New to School rant rigrant rict Use-D IATION (mark one)

Sample 2011 CSAPA Student Data Grid

	0000000 0 Mar O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DATE	ETHNICITY (mark one) 4 Hispanic/ Latino Not Hispanic/ Latino RACE (mark all that apply) 1 American Indian/ Alaska Native 2 Asian 3 Black/ African American 5 White Native Hawaiian/ Other Pacific Islander
00000000000000000000000000000000000000	000000 0 00000	If a precod data canno data canno birth date and stude information label. Instead of the control	e Male O APA 2011 Grade 8 ed label is used, the following of be modified: student name, es, ethnicity, race, gender, nt ID number. If any of that n is incorrect, do not use the ead, fill in all sections of this ny other student information with the label needs to be you may use the label and only those items that require
PRIMARY DISABILITY (mark one) ON None O1 Limited intellectual capacity O3 Emotional disability O4 Specific learning disability O5 Hearing disability O6 Visual disability O7 Physical disability O8 Speech/lang. disability O9 Deaf-blind O10 Multiple disabilities O13 Autism O14 Traumatic brain injury	LANGUAGE BACKGROUND (mark one) © English O Spanish O Other LANGUAGE PROFICIENCY (mark one) Not applicable NEP LEP S FEP ELL PROGRAM (mark one in each row) No Yee M1 M2 E3+ Choice O O O O O O O O O O O O O O	No Yes In School In District CONTINUOUSLY ENROLLED 3 YEARS No Yes In Colorado District use only-A No Yes District use only-C 1 2 3	North Day Year Jan O O O O O O O O O
R W (mark all that apply) CSAPA EXPANDED ACCOMMODATIONS None Assistive technology Braille Eye gaze Modified picture symbols Objects Objects Sign Language Translation into student's native language Other	M S (mark air that apply) O O Student tested at O O O O O O O O O O O O O O O O O O	Il activities	Nov Opec O PROGRAM (mark all that apply) No Yes O IEP O 504 O Title I O Oct New to School Migrant Immigrant District Use-D GT DESIGNATION (mark one) No Both Lang. Arts Other

Sample 2010 CELApro Student Data Grid



Appendix C

Clarification of School vs. Program



Clarification of School vs. Program for Assessment

During the 2003 Student October/Pre-coded labels training sessions, many questions and concerns arose surrounding the definition of a school and how it impacts districts in terms of assessment practices. This document is aimed at clearing any confusion and gives three specific examples on the process. To see the full text of "Definition of a School" (refer to page 95 of the Procedures Manual).

Some important points:

- In 2007-08, the "District Use B School of Accountability" field was removed from all student data grids. Student booklets must be shipped to CTB for scanning and scoring with the school for which the results will be reported.
- Only schools with valid school codes will receive test booklets and pre-coded labels.
- Schools that receive test booklets and labels must keep the test scores of the students unless they also move staff data as well as student scores to other schools.
- Programs do not have school codes and do not receive test booklets, labels or test scores.
- Students in programs must take the CSAP and must have their scores attributed to a school.
- Students in facilities and detention centers do take state assessments but they are handled separately.

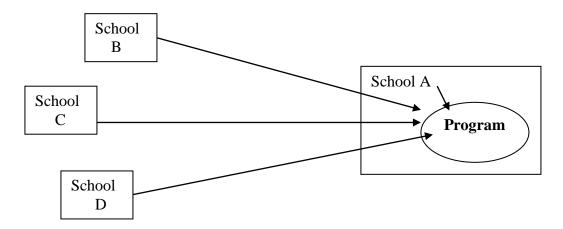
The examples listed below are three possible district scenarios. This should not be taken to mean that there are no other scenarios that may exist. If you have a set of circumstances in your district and are unsure how the process of assessment will work, please contact the Unit of Student Assessment at 303-866-6929. If you want to discuss the development or policy around the Definition of a School, please contact Jan Rose Petro at 303-866-6838 or petro j@cde.state.co.us.





Example 1: Program within a Neighborhood School Building

Anywhere District, Colorado



In this district, a Program for English Language Learners resides within School A. Schools A, B, C, and D all send students to the Program in School A.

In the past, the district coded all the Program students to School A in the Student October/Labels collection. They then used the District Use Only B field to code Program students back to school B, C and D. Under the Definition of a School, this is not appropriate. Because School A shares staff with the Program within School A, the student scores should remain at School A, so that the performance of the students remains with the school which is serving them for purposes of accountability.

If a district chooses to continue the practice of sending the program students scores back to neighborhood schools B, C, and D, they must code the students to those schools for the Student October/Pre-coded Labels collection. The test booklets and labels will be shipped to schools B, C, and D. The books must then be physically moved to the Program for testing. The district must return the appropriate test booklets under the Group Information Sheet for Schools B, C, and D. Please note: for 2007-08, the "District Use B – School of Accountability" field was removed from all student data grids. Student booklets must be shipped to CTB for scanning and scoring with the school for which the results will be reported.

School A will then need to:

- 1. Distribute Program staff proportionately during the Human Resources data collection
- 2. Distribute students attributed to a school in the field "February Count" for the Report Card March collection if the student was attributed there in the October Count and is still enrolled as of February 1.
- 3. Distribute suspension/expulsion occurrences and student and teacher attendance for the Safety and Discipline Indicators collection.

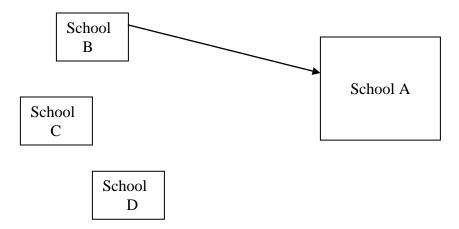
Failure to do so results in erroneous reporting for AYP, DPF, and SPF.

Please note: the school for which a student's score is reported impacts the SPF and AYP.



Example 2: District with a Center-Based School

Anywhere District, Colorado



In this district, School A is the designated school for students in Special Education and English Language Learners. School A has some students from the neighborhood surrounding it, but it also has students who live in the neighborhood of School B that need the services provided at School A. Because School A meets the definition of a school and has a CDE school code, test booklets and labels will be shipped to School A for all of the enrolled students. School C and D do not send any students to School A.

In the past, the district may have chosen to use District Use Only B to code the test scores students from School B's neighborhood back to School B. Under the Definition of a School, this is not appropriate. All scores for the students instructed at School A are to remain at School A for purposes of accountability.

If a district chooses to continue the practice of sending the program students scores back to school B, they must code the students to those schools for the Student October/Pre-coded Labels collection. The labels and test booklets will be shipped to school B. They must then be physically moved to School A for testing. The district must return the appropriate test booklets under the Group Information Sheet for School B. Please note: in 2007-08, the "District Use B – School of Accountability" field was removed from all student data grids. Student booklets must be shipped to CTB for scanning and scoring with the school for which the results will be reported.

School A will then need to:

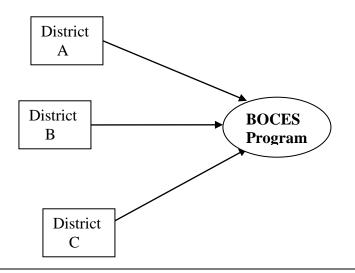
- 1. Distribute Program staff proportionately during the Human Resources data collection
- 2. Distribute students attributed to a school in the field "February Count" for the Report Card March collection if the student was attributed there in the October Count and is still enrolled as of February 1.
- 3. Distribute suspension/expulsion occurrences and student and teacher attendance for the Safety and Discipline Indicators collection.

Failure to do so results in erroneous reporting on the District and School Performance Frameworks.

Please note: the school for which a student's score is reported impacts the SPF and AYP.



Example 3: BOCES Program Serving Several Districts



Districts A, B, and C send students to a BOCES program. Because the program doesn't have a school code, the districts must send the CSAP test booklets and labels to the BOCES program for administration of the test. The BOCES must then send the test booklets back to each district after testing is complete. The district must then include the test booklets from the BOCES under the Group Information Sheet with others from the appropriate schools. Student booklets must be shipped to CTB for scanning and scoring with the school for which the results will be reported.

The BOCES will then need to:

- 1. Distribute Program staff proportionately during the Human Resources data collection
- 2. Distribute students attributed to a school in the field "February Count" for the Report Card March collection if the student was attributed there in the October Count and is still enrolled as of February 1.
- 3. Distribute suspension/expulsion occurrences and student and teacher attendance for the Safety and Discipline Indicators collection.

Failure to do so results in erroneous reporting on the District and School Performance Frameworks.

Please note: the school for which a student's score is reported impacts the SPF and AYP.

Other Possible Situations That May Exist

A district may have programs that serve expelled students or alternative high schools that are run as programs. These situations may work in the same manner as the Example 3 if they do not have a CDE school code.



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