

Data Validations

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CanteyEDU

Data Validations

Data Validation: checking the accuracy and quality of source data before using, importing or otherwise processing data

Types of Validations



LEVEL DATA STATE
VALIDATIONS



DATA QUALITY REPORTS (DQR)



Level Data State Validations

Level Data State Validations

LD State Validations – actively locate and identify errors in your PowerSchool data that make state reporting and CRDC submissions difficult

Types of LD State Data Validation Rules

- Enrich Special Education
- Enrollment
- LEP
- Staff
- Miscellaneous
- Setup
- Historical Grades
- Demographics
- Precode
- EFA/EIA
- Incident Management
- Report/Lists
- CERDEP
- Courses

Where are Level Data State Validations

1. On the Start page click **System Reports**
 2. Under Level Data Apps click **State Validation**
- *The Level Data State Validation Page will load**

Level Data State Validation

Miscellaneous	Demographics	Precode	Incident Management	Reports/Lists	Courses	Staff	CERDEP	Enrollment
LEP	Setup	Historical Grades	EFA/EIA	Enrich Special Ed				

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Validation Rule	Error Count	Action
Diploma Ordered/Grade Level Mismatch	0	✓
Graduation Date/Grade Level Mismatch	0	✓
Reason for Not Testing/Test Category Mismatch	0	✓
Requested Exclusion/Reason for Not Testing Mismatch	0	✓
Missing Homeroom	0	✓
Missing/Invalid Next School Indicator	0	✓
Invalid Scheduled Next Year Grade	0	✓

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Navigating the Level Data State Validation Page

Level Data State Validation

Miscellaneous	Demographics	Precode	Incident Management	Reports/Lists	Courses	Staff	CERDEP	Enrollment
LEP	Setup	Historical Grades	EFA/EIA	Enrich Special Ed				

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Validation Rule	Error Count	Action
CERDEP/Date of Birth Mismatch	0	✓
Duplicate Race Code	0	✓
Invalid Foster Home Value	0	✓
Invalid Middle Name	0	✓
Missing/Invalid Mailing Address Information	0	✓

- Validations are organized by tabs and categorized by type
- Click on any tab, the validations for that tab will display

Understanding the Validation Rules

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Validation Rule	Error Count	Action
Diploma Ordered/Grade Level Mismatch	0	✓
Graduation Date/Grade Level Mismatch	0	✓
Reason for Not Testing/Test Category Mismatch	0	✓
Requested Exclusion/Reason for Not Testing Mismatch	0	✓
Missing Homeroom	10	Fix
Missing/Invalid <input type="text" value="Homeroom must not be blank for active students."/>	1	Fix
Invalid Scheduled Next Year Grade	1	Fix

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- Hover over the validation rule and an explanation of the rule displays

Error Count Column

Error Count	Action
0	✓
0	✓
0	✓
0	✓
<u>10</u>	Fix
<u>1</u>	Fix
<u>1</u>	Fix

10 is the number of errors for the validation rule

cie.powerschool.com says
Set student violations of "Missing Homeroom" as the current selection?
This may take a few minutes.

OK Cancel

Once 10 is clicked, those students are set as your current selection in PowerSchool

Action Column

Action
✓
✓
✓
✓
Fix
Fix
Fix

Check mark indicates that the validation is error free

Click **Fix** and the “Fix Invalid Data” screen opens

Action
✓
✓
List ⓘ
Run ⓘ
✓
List
List
List
✓
✓

Click **Run** to manually run validation rules

Click **List** and a list of students containing errors appears

Note: Those validations that have a run action button must be ran manually due to having high running times and being resource intensive

Fix Invalid Data Window

Fix Invalid Data



Missing Homeroom

Homeroom must not be blank for active students.

Additional Information

Student Number	School	Last, First	Enroll Status	Homeroom
			Active	<input type="text"/>
			Active	<input type="text"/>
			Active	<input type="text"/>
			Active	<input type="text"/>
			Active	<input type="text"/>
			Active	<input type="text"/>
			Active	<input type="text"/>
			Active	<input type="text"/>
			Active	<input type="text"/>
			Active	<input type="text"/>

Save Changes

Fix Invalid Data Window-Additional Information

Fix Invalid Data

Missing Homeroom

Homeroom must not be blank for active students.

Additional Information

When the additional Information button is clicked additional information displays

Fix Invalid Data

Missing Homeroom

Homeroom must not be blank for active students.

Close Additional Information

CONDITIONS TO RESOLVE:

- Enter a valid Homeroom.

FIELD MAPPING:

Homeroom

Home_Room

Fix Invalid Data- Making and Saving Changes

Fix Invalid Data

Missing Homeroom

Homeroom must not be blank for active students.

Additional Information

Student Number	School	Last, First	Enroll Status	Homeroom
			Active	<input type="text"/>
			Active	<input type="text"/>
			Active	<input type="text"/>
			Active	<input type="text"/>
			Active	<input type="text"/>
			Active	<input type="text"/>
			Active	<input type="text"/>
			Active	<input type="text"/>
			Active	<input type="text"/>
			Active	<input type="text"/>
			Active	<input type="text"/>

Save Changes

Fill in the students Homeroom information and click Save changes

Once all errors are cleaned/corrected the error count displays as 0 and action displays a check mark

Error Count	Action
0	✓



Data Quality Reports (DQR)

Data Quality Reports (DQR)

DQR – SCDE's Data Quality and Reporting web application



DQR delivers validation reports from SCDE to District and School Level Users

When to View DQR Reports


Please be aware that the content of these reports is real time. This means that if the SCDE has not completed the morning or afternoon data validation cycle, your reports will have no content.

Data Validation Process & Report Schedule

The following schedule indicates when PowerSchool data collected via the Enrich Data Collection tool will be processed and validation reports will be available.

Data Validation and Report	Data Arrival Time @ SCDE	Data Validation Processing Time	Reports Available
Teacher	Before 9:00 am	@ 9:00 am	10:00 am – 1:00 pm
	9:00am – 1:00 pm	@ 1:00 pm	2:00 pm – 9:00 am next day
	After 1:00 pm	@ 9:00 am next business day	10:00 am next business day
Activity/Course Code	Before 9:00 am	@ 9:00 am	10:30 am – 1:00 pm
	9:00am – 1:00 pm	@ 1:00 pm	2:30 pm – 9:00 am next day
	After 1:00 pm	@ 9:00 am next business day	10:30 am next business day
Student	Before 9:00 am	@ 9:00 am	11:15 am – 1:00 pm
	9:00am – 1:00 pm	@ 1:00 pm	3:15 pm – 9:00 am next day
	After 1:00 pm	@ 9:00 am next business day	11:15 am next business day
SUNS State Id	Before 9:00 am	@ 9:00 am	11:30 am – 1:00 pm
	9:00am – 1:00 pm	@ 1:00 pm	3:30 pm – 9:00 am next day
	After 1:00 pm	@ 9:00 am next business day	11:30 am next business day

Navigating DQR

 South Carolina Department of Education
Together, we can.

Data Quality and Reporting [Home](#) [Logout](#) [About](#)

[home](#) techdirector@erskinecharters.org(DQRPROD-School DQR Coordinator, DQRPROD-PrecodeCoordinator, DQRPROD-AccountabilityCoordinator, DQRPROD-SISCoordinator, DQRPROD-TechCoordinator, DQRPROD-TestingCoordinator)

My Locations [?](#)
District: 4801 - Charter Institute at Erskine School: 002 - Belton Preparatory

Messages and Links [?](#)
There are 3 items.
[Welcome!](#)
[PowerSchool Data Information page](#)
[*Important Information for when to view Reports*](#)

Application Help [?](#)
There are 4 items.
[Support](#)
[Who can use this web application?](#)
[How to navigate in this web application](#)
[Printing Tip](#)

School Report Portal [?](#)
Javascript Tree Menu
[School Navigation](#)
+ [PowerSchool EFA & EIA 45 and 135 Day Reports from Extracts](#)
+ [Activity/Course Code](#)
+ [Student](#)
+ [Teacher](#)
+ [Documents](#)

Please select a Reporting Section









School Report Portal Section

Click on the plus sign to expand the folder and see the reports inside

In order to open the report, you must click on the icon to the left of the report you wish to view

School Report Portal

Javascript Tree Menu

-  *School Navigation*
-  *PowerSchool EFA & EIA 45 and 135 Day Reports from Extracts*
-  *Activity/Course Code*
-  *Student*
-  *Teacher*
 -  **PS School Teacher Validation Report**
 -  **School Teacher Validation Summary**
-  *Documents*


Navigating DQR Reports

South Carolina Department of Education
Together, we can.

Data Quality and Reporting [About](#)

PS School Student Validation Report.

Showing page 1 of 1 ◀◀ ▶▶ Go to page:

 SC Department of Education
PS School Student Validation Report
Oct 25, 2020 4:31 PM
Collection Id QDC1; School Year 2020-2021; From 10/05/2020 To 11/18/2020

District: 4 School:

Student Name	Student Number	Grade	Value in Error	Error Message
		3	000	You must select a Next School for this actively enrolled student. Please correct.
		0	000	You must select a Next School for this actively enrolled student. Please correct.
		1	000	You must select a Next School for this actively enrolled student. Please correct.
		0	000	You must select a Next School for this actively enrolled student. Please correct.

Page Number 1

Close this Window

Questions

