



# Data Quality Dashboard (DQD)

An introduction the Data Quality  
Dashboard 2.0

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## Agenda

- Overview of DQD
- DQD Access
- DQD Scores
- Categories
- DQD Navigation
- New Report Card Audits

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# ISBE Staff

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## Overview of Data Quality Dashboard

- Checks the quality of your data that was entered the various ISBE systems such as SIS and EIS
- Uses series of audits and reasonability checks to point out potential data errors or data discrepancies
- If discrepancies are found, the DQD will help in identifying where the errors are.



## Data Quality Dashboard Access

- Only Public School Districts will have access.
- Only the Superintendent will have access by default.
- The Superintendent can grant access to any of their staff.
- The system is accessed from IWAS

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# Data Quality Dashboard Access

**Illinois State Board of Education**  
Darren Reisberg, *Chairman*    Dr. Carmen I. Ayala, *State Superintendent of Education*

Login: KGOECKNER

**My Systems**

Below are systems that you are either authorized to use or are awaiting authorization from either your district (Pending-District), ROE (Pending-ROE) or ISBE (Pending-ISBE). Once you are "Authorized" to access a system, simply click on the system description to use it.

[Click Here for Due Date](#)

Categories - Click to Expand/Collapse Tree	Authorization
<b>Grants</b>	
<b>Active Grants</b>	
... EL - Title III Intent to Apply	Authorized
... ELL - TBE/TPI and Title III Application	Authorized
... Organizational Risk Assessment	Authorized
<b>Surveys</b>	
... Unfilled Positions Survey	Authorized
<b>Reporting</b>	
... Data Quality Dashboard	Authorized
... <b>Data Quality Dashboard v2 BETA</b>	Authorized
... Employment Information System (EIS)	Authorized
<b>Monthly</b>	

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# Data Quality Audit Scores

District Summary By School

	Errors	Score	
EIS Positions	6	98.7%	▼
EIS Salaries	3	0.0%	▼
Enrollments	4	99.6%	▼
Student Course Assignments	2	66.7%	▼
Teacher Course Assignments	4	86.1%	▼



# Data Quality Audit Scores

District Summary

By School

	Errors	Score		
<b>EIS Positions</b>	6	98.7%		▼
<b>EIS Salaries</b>	3	0.0%		▼
<b>Enrollments</b>	4	99.6%		▼
<b>Student Course Assignments</b>	2	66.7%		▲
Course marked as Dual Credit but is missing IPEDS Number.	0	100.0%		»»
School has no student course assignments for the current school year.	0	100.0%		»»
Secondary student course assignments for the first semester/trimester appear outside of the expected range.	0	100.0%		»»
Secondary student course assignments for the second semester/trimester appear outside of the expected range.	1	0.0%		»»
Secondary student course credit average is outside the expected range for first semester/trimester.	0	100.0%		»»
Secondary student course credit average is outside the expected range for the current school year.	1	0.4%		»»
<b>Teacher Course Assignments</b>	4	86.1%		▼





# Data Quality Categories

- EIS Positions
- EIS Salaries
- Enrollments
- Student Course Assignments
- Teacher Course Assignments
- Report Card
- Evidenced Based Funding

*Note: some category's will only appear during times when the data is due*



## Data Quality Dashboard Navigation

<span style="border: 1px solid red; padding: 2px;">District Summary</span> <span style="border: 1px solid red; padding: 2px;">By School</span>			
	Errors	Score	
EIS Positions	6	98.7%	▼
EIS Salaries	3	0.0%	▼
Enrollments	4	99.6%	▲
Home school enrollment by grade level differs from the current EPS profile.		N/A	»
Home school enrollment count differs significantly from last years data.		0	100.0% »
School enrollment by gender differs significantly from last years data.		0	100.0% »
School enrollment by grade level differs significantly from last years data.		4	96.0% »
School enrollment by race/ethnicity differs significantly from last years data.		0	100.0% »
School FRL Student count differs significantly from last years data.		0	100.0% »
School has no valid enrollment records for the current school year.		0	100.0% »
School IEP Student count differs significantly from last years data.		0	100.0% »
School LEP Student count differs significantly from last years data.		0	100.0% »

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## Data Quality Dashboard Navigation

School enrollment by grade level differs significantly from last years data. Audit Summary

Any enrollments in SIS should not vary more or less than the prescribed range by grade level from the year before.

search schools... 🔍

School	Current Student Count	Prior Year Student Count	Errors	Score
Elementary School	288	318	3	94.2%
High School	248	242	1	97.8%
	536	560	4	96.0%

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## Data Quality Dashboard Navigation

Any enrollments in SIS should not vary more or less than the prescribed range by grade level from the year before.

Lower Range	-0.25
Upper Range	0.25
Minimum Count	30

### Elementary School

[Verify & Override...](#)

Grade Level	Current Student Count	Prior Year Student Count	[Attribute5]	Difference	Score
PK	36	35	0.03	1	100.0%
K	30	39	-0.3	-9	83.3%
G1	36	32	0.11	4	100.0%
G2	31	38	-0.23	-7	100.0%
G3	40	43	-0.08	-3	100.0%
G4	40	34	0.15	6	100.0%
G5	32	43	-0.34	-11	72.7%
G6	43	54	-0.26	-11	97.7%



# Data Quality Dashboard Navigation

### Verify Data & Override Audit? ✕

To verify this data and override the audit, please provide a reason and then click *Verify & Override* below.

We have checked our data and it is accurate. ←

Reason for Verification/Override

Verified By: kgoeckner

**Verify & Override** Cancel



# Data Quality Dashboard Navigation

District Summary

By School

	Errors	Score	
EIS Positions	6	98.7%	▼
EIS Salaries	3	0.0%	▼
Enrollments	4	99.6%	▼
Report Card	10	75.3%	▼
Student Course Assignments	2	66.7%	▼
Teacher Course Assignments	4	86.1%	▼



## Data Quality Dashboard Navigation

District Summary

By School

search schools...



School ↓	EIS Positions	EIS Salaries	Enrollments	Report Card	Student Course Assignments	Teacher Course Assignments	Overall
Elementary School	98.3%	N/A	99.4%	49.6%	100.0%	85.3%	86.5%
High School	92.4%	N/A	99.8%	81.5%	66.7%	86.9%	85.5%
Overall	98.7%	0.0%	99.6%	75.3%	66.7%	86.1%	71.1%



## New Report Card Audits

- 4-5-6 Year Graduation Rate is lower than threshold
- District Calendar Incomplete.
- District has not yet completed the Year End Collection.
- District has not yet verified their Report Card data in the DRVT.
- Percentage of Non-12th Graders Graduating is higher than normal.





## New Report Card Audits

- Special Education Graduation Rate is Too High.
- Students Have No Attendance Records.
- Students Missing Attendance Records.
- Too many Students with perfect attendance.



## ISBE Contact Information

- Department of Data Strategies and Analytics
  - [Datahelp@isbe.net](mailto:Datahelp@isbe.net)
  - (312)814-9192



# Questions?