Illinois State Board of Education

Data Quality Dashboard

A Reintroduction to Using the Data Quality Dashboard to Improve Data Quality

Note: **This webinar is being recorded**

- Please do not provide any employee, personal, or vendor information
- The Webinar Video, PowerPoint Presentation and other resources related to Data Quality Dashboard will be posted at https://www.isbe.net/Pages/Data-Quality-Dashboard.aspx
  - This may take 24 hours before becoming available

Webinar Tips

- ***Tips for Listening***
  - Computer speakers
  - Headset connected to a computer
  - Telephone
- ***Tips for Speaking***
  - Make sure you have a microphone plugged in or the computer you are using has a microphone before raising your hand.
  - Make sure all audio settings in the computer are un-muted and speakers are turned down before talking.
- ***Question and Answer***
  - Q&A will be held at the end of the webinar.
  - Please raise your hand to ask a question.
  - All text messages are logged.
  - Text questions will be posted in a Q&A document after the Webinar.
  - If you are using a telephone, the audio pin number must be typed in correctly before you can talk.
- ***Troubleshooting***
  - If you are disconnected from the Webinar at any time, you can click the link that was provided to you in your email. Alternatively, you can re-register for the Webinar to gain access.
  - If you are listening via telephone and close out of the Webinar on your computer, you will be disconnected.

Please save all written and verbal questions until the end at the Q&A

Agenda

- Welcome and Introductions
- Overview of Data Quality Dashboard
- Data Quality Dashboard Access
- Data Quality Dashboard Home Page
- Data Quality Audit Scores
- Data Categories
- Navigation and Functions of DQD
- Potential Errors
- Audits
- Data Quality Dashboard Navigation
- Q and A/ Discussions

Welcome and Introductions

ISBE Key Members

Patrick Payne
Director of Data Strategies and Analytics

Keith Goeckner
Data Strategies and Analytics

Howard Hammel
Data Strategies and Analytics

Mark Hobneck
Data Strategies and Analytics

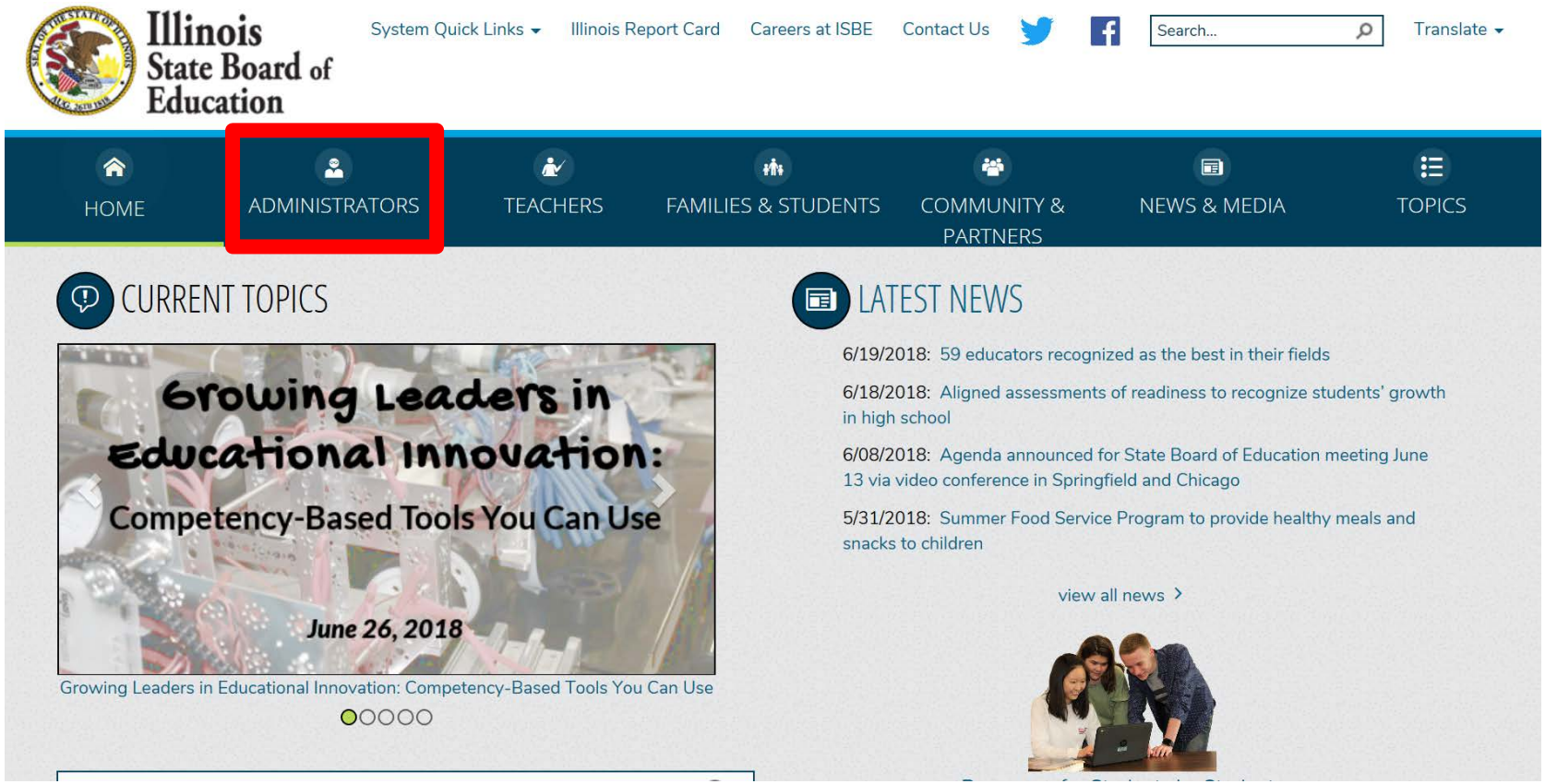
Shauna Horn
Data Strategies and Analytics

Overview of Data Quality Dashboard

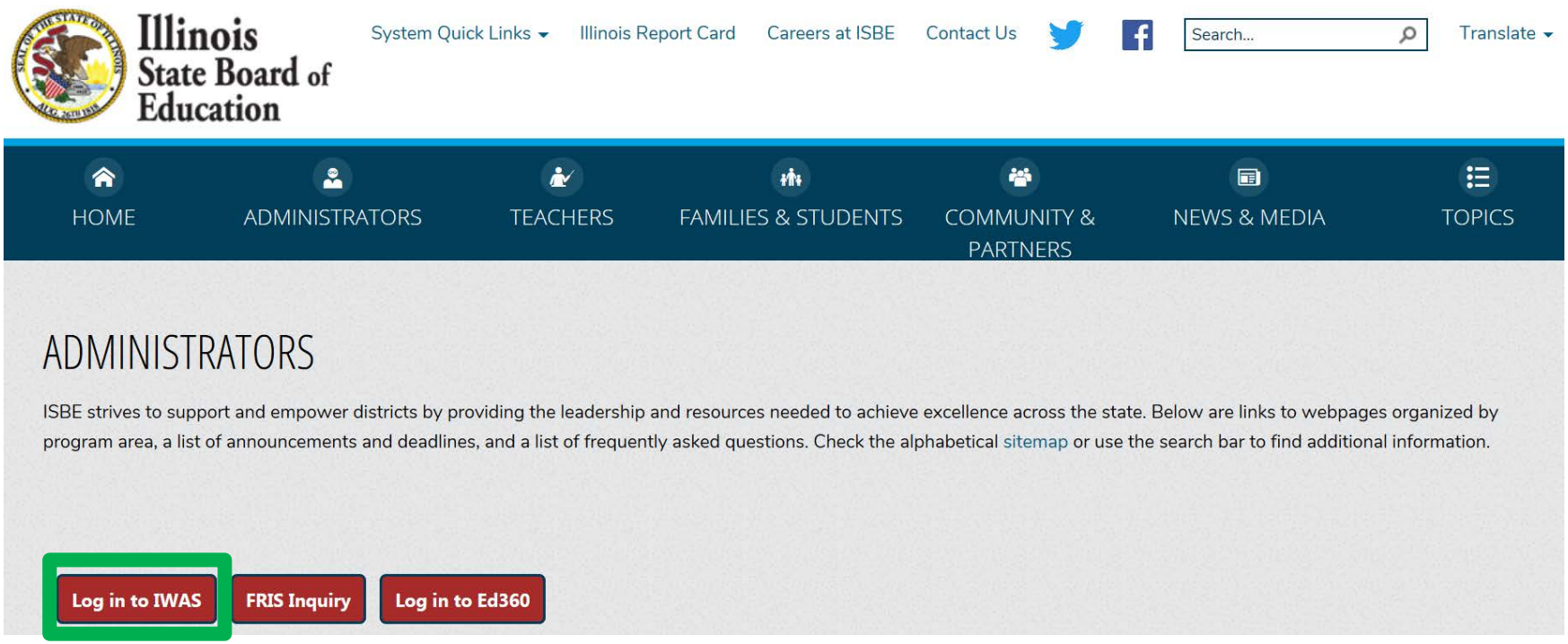
- The Data Quality Dashboard is an interactive tool that was created to provide feedback to districts and schools on the correctness of submitted data. The quality of your data is defined by the accuracy of the data that was entered into SIS and EIS. The Data Quality Dashboard uses a series of audits and reasonability checks to point out potential data errors or data discrepancies. If there are discrepancies between SIS and EIS data, the Data Quality Dashboard will assist you by identifying where the errors occurred and why. The Dashboard will provide pathways for districts to correct and clean the data without needing to contact ISBE.

- The objective for the Dashboard is to ensure that each district has the most accurate data available for externally published reports. The Data Quality Dashboard will assist you in the process of cleaning your data. It is highly recommended by ISBE, that local educational agencies use this tool after data has been submitted and before data has been finalized.

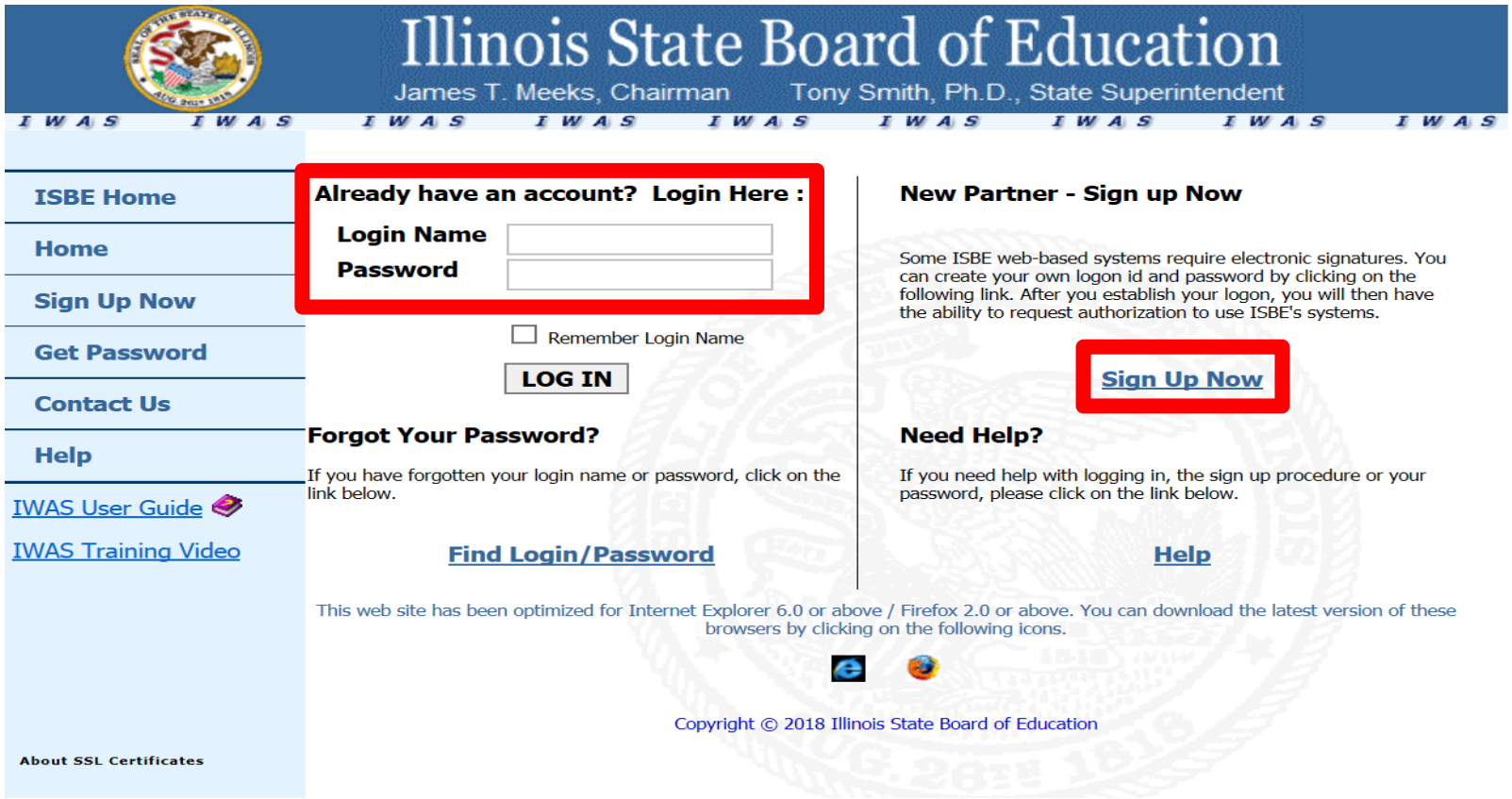
Data Quality Dashboard Access



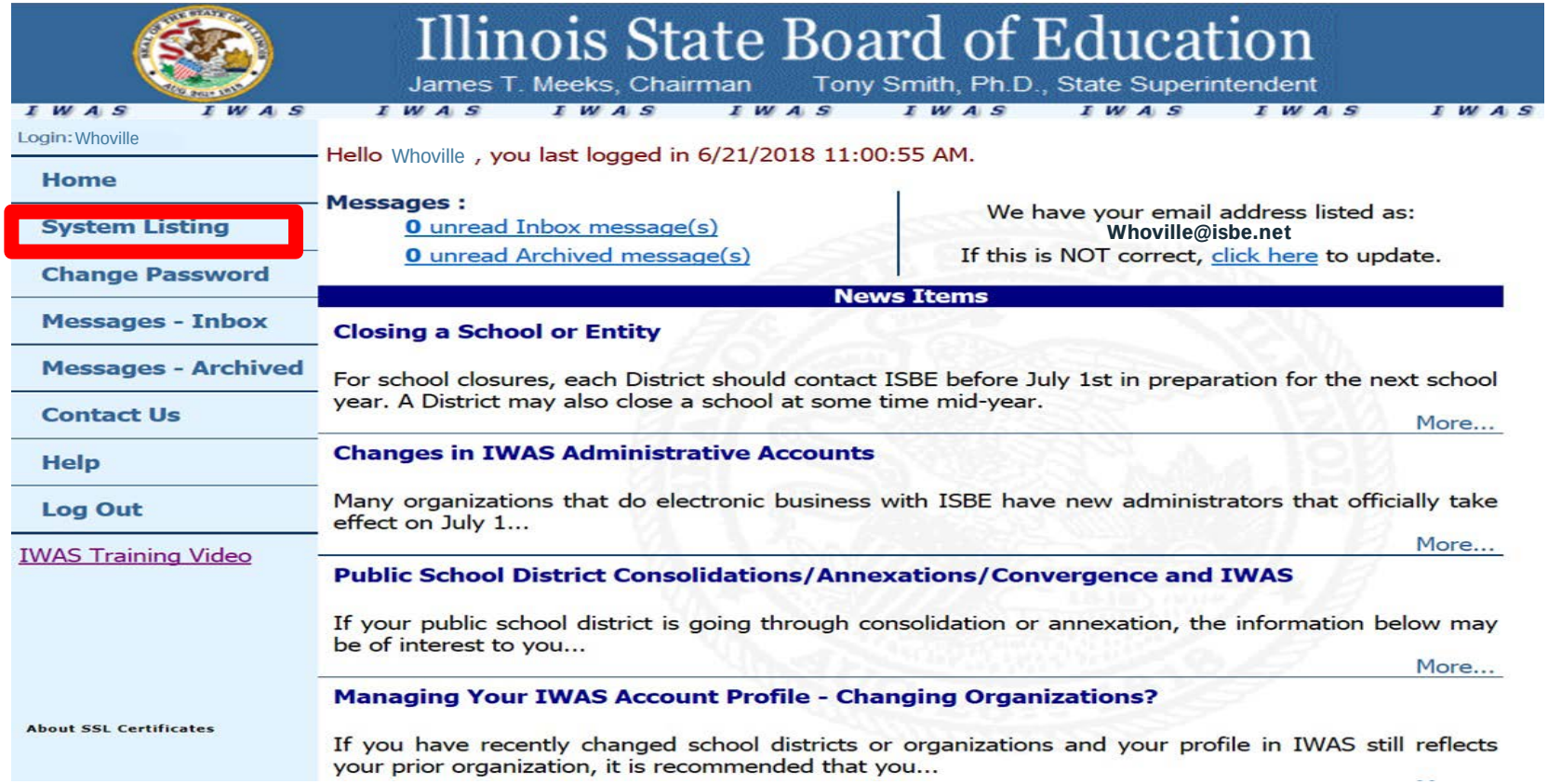
Data Quality Dashboard Access



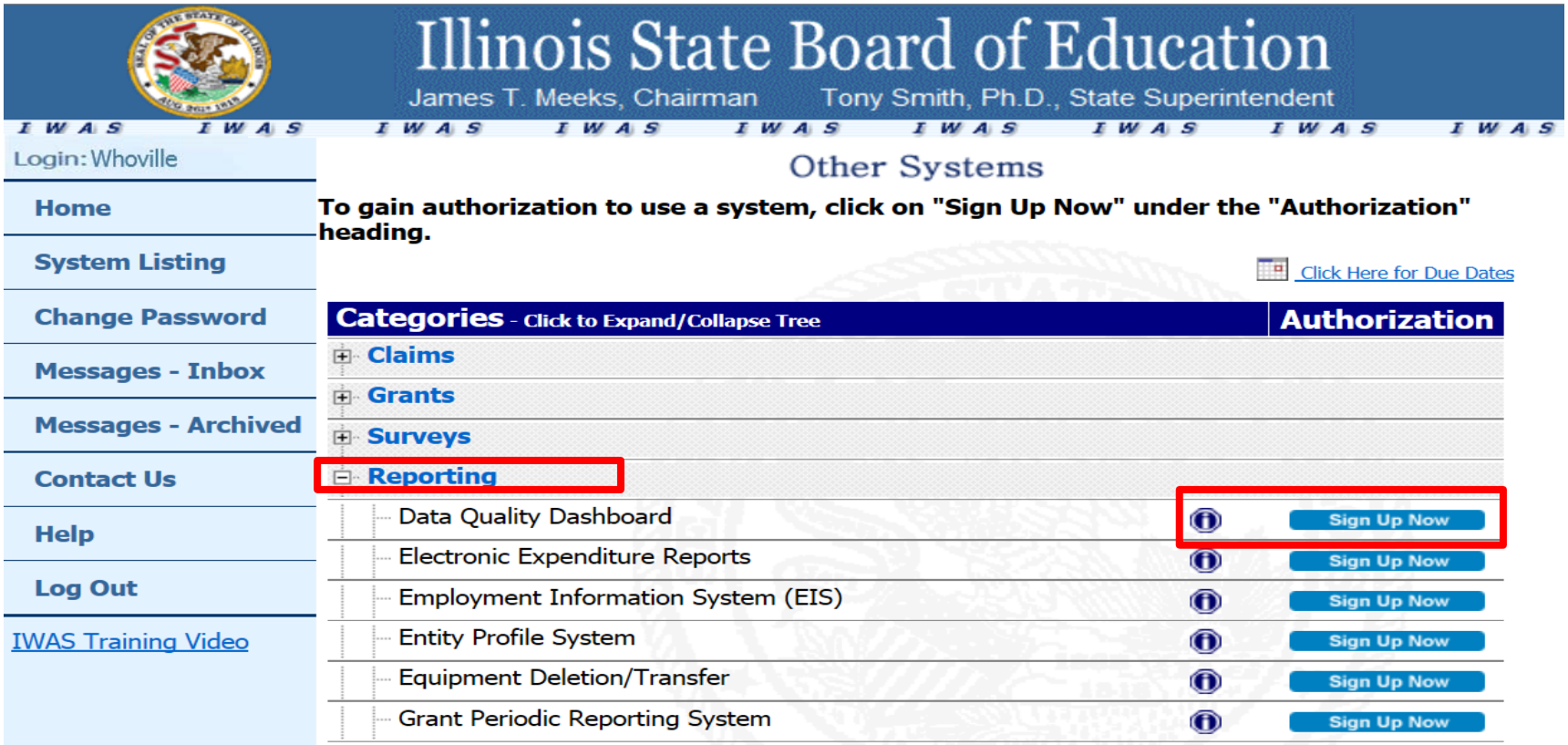
Data Quality Dashboard Access



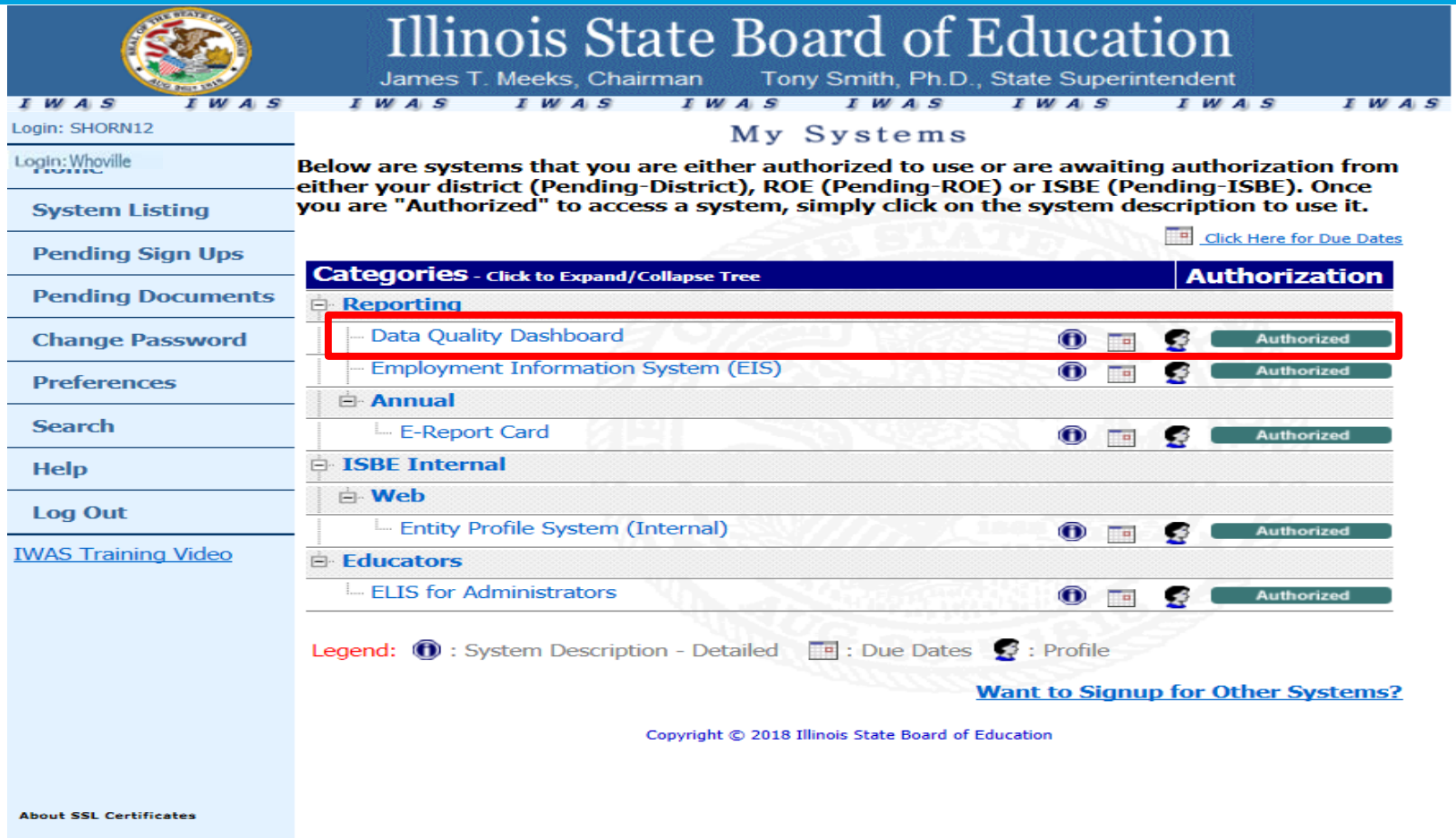
Data Quality Dashboard Access



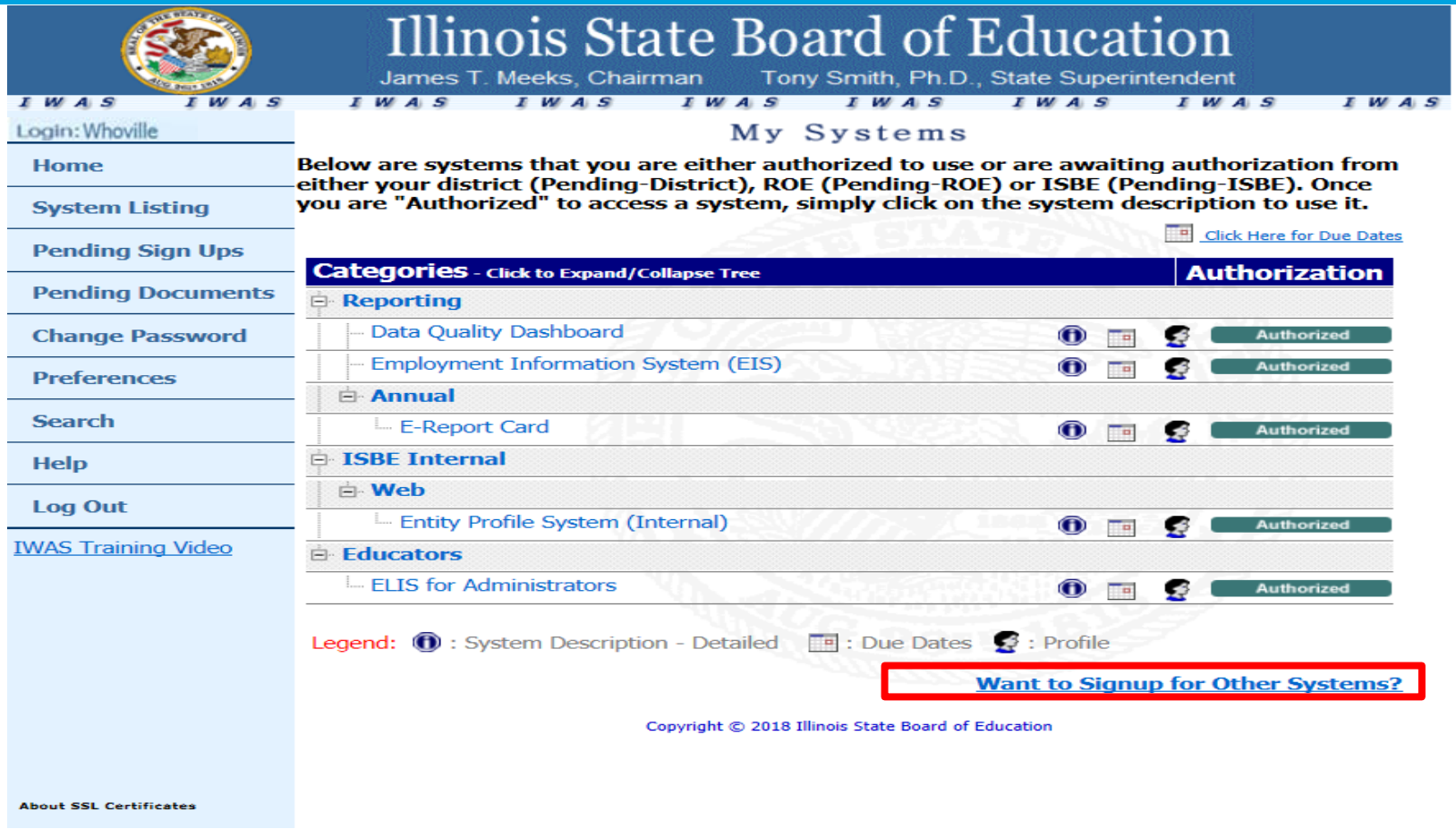
Data Quality Dashboard Access



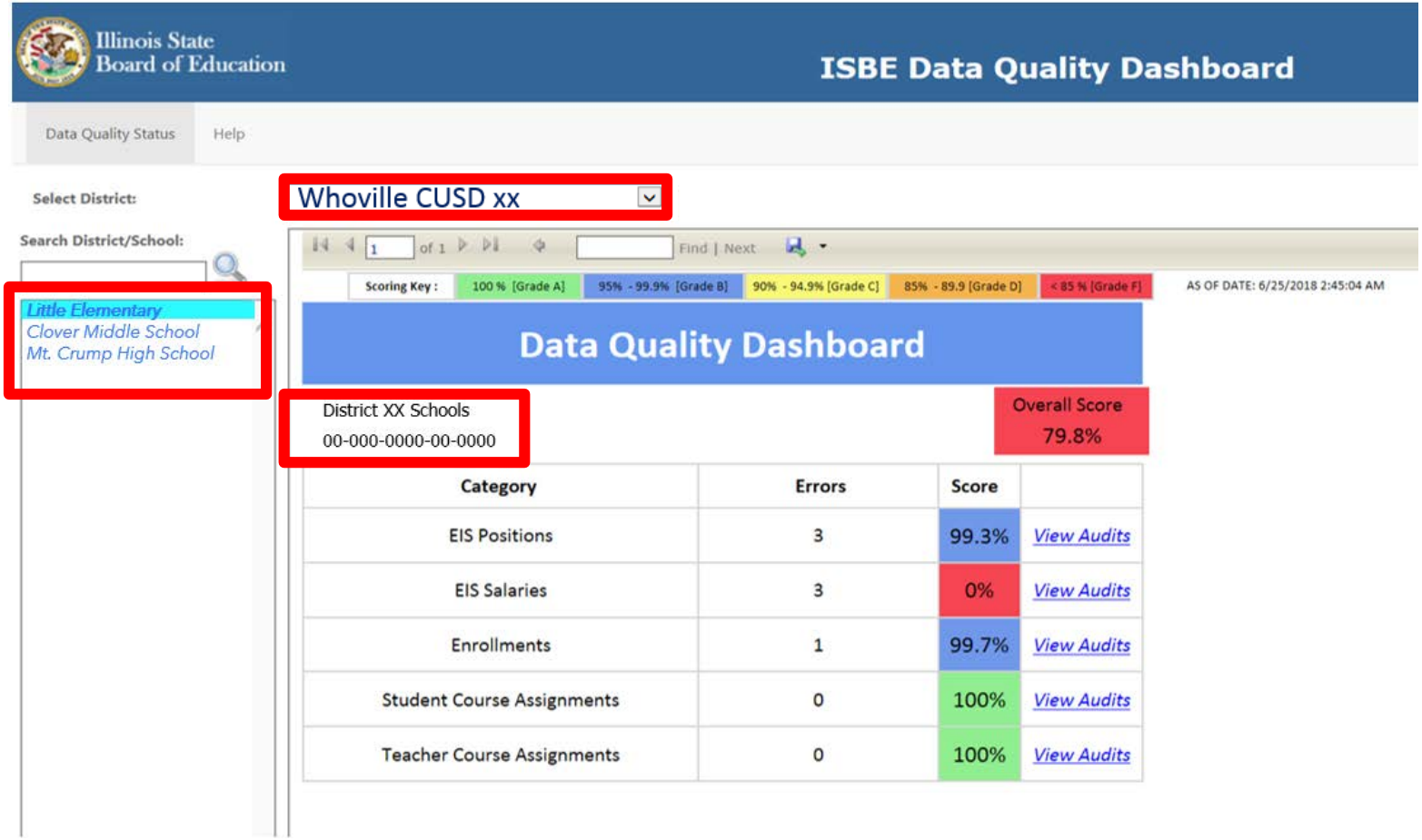
Data Quality Dashboard Home Page



Data Quality Dashboard Access



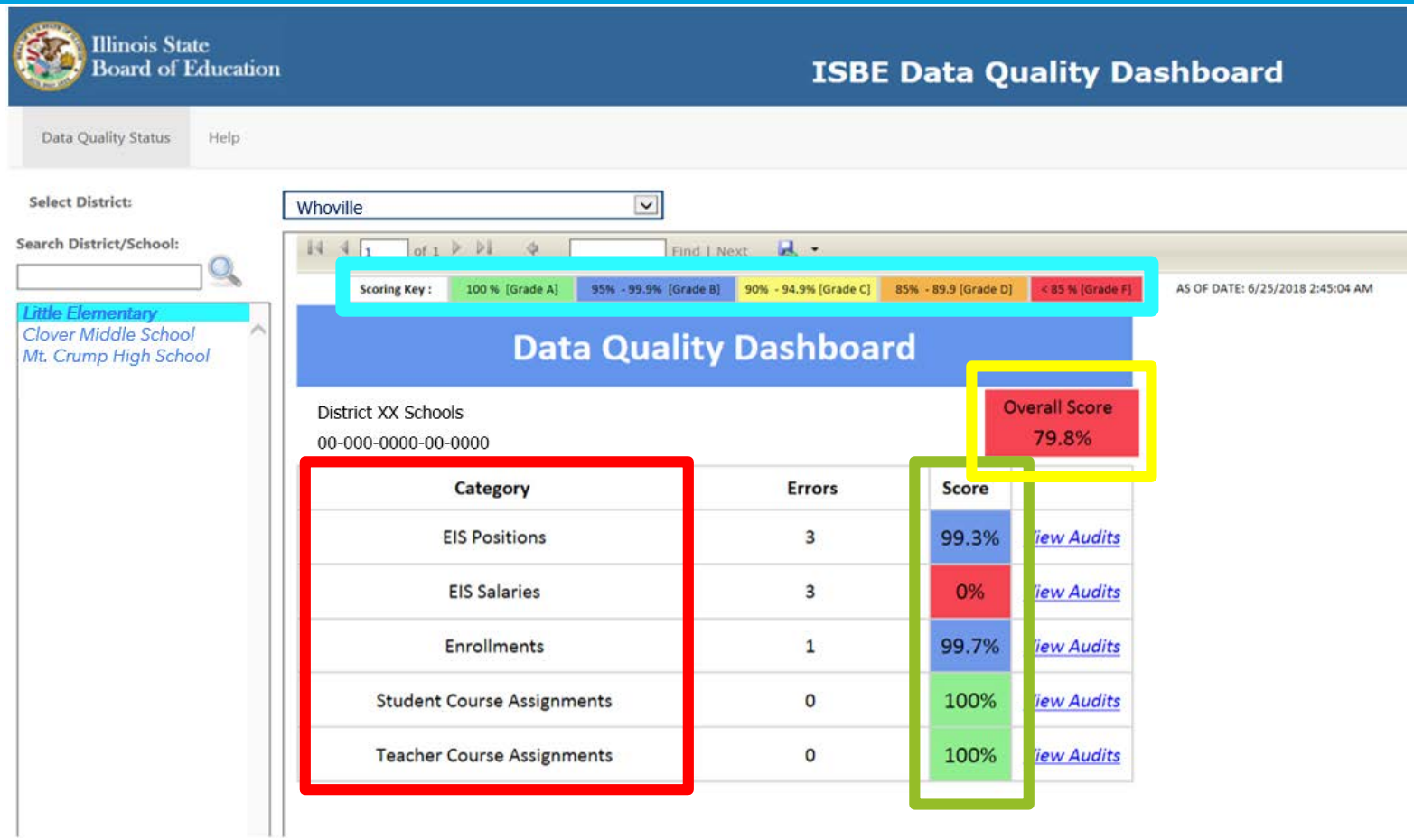
Data Quality Dashboard Home Page



Data Quality Audit Scores

- 100% Clean Data = A (**Green**)
- 95-99.9% Clean Data = B (**Blue**)
- 90-94.9% Clean Data = C (**Yellow**)
- 85-89.9% Clean Data = D (**Orange**)
- < 85% Clean Data = F (**Red**)

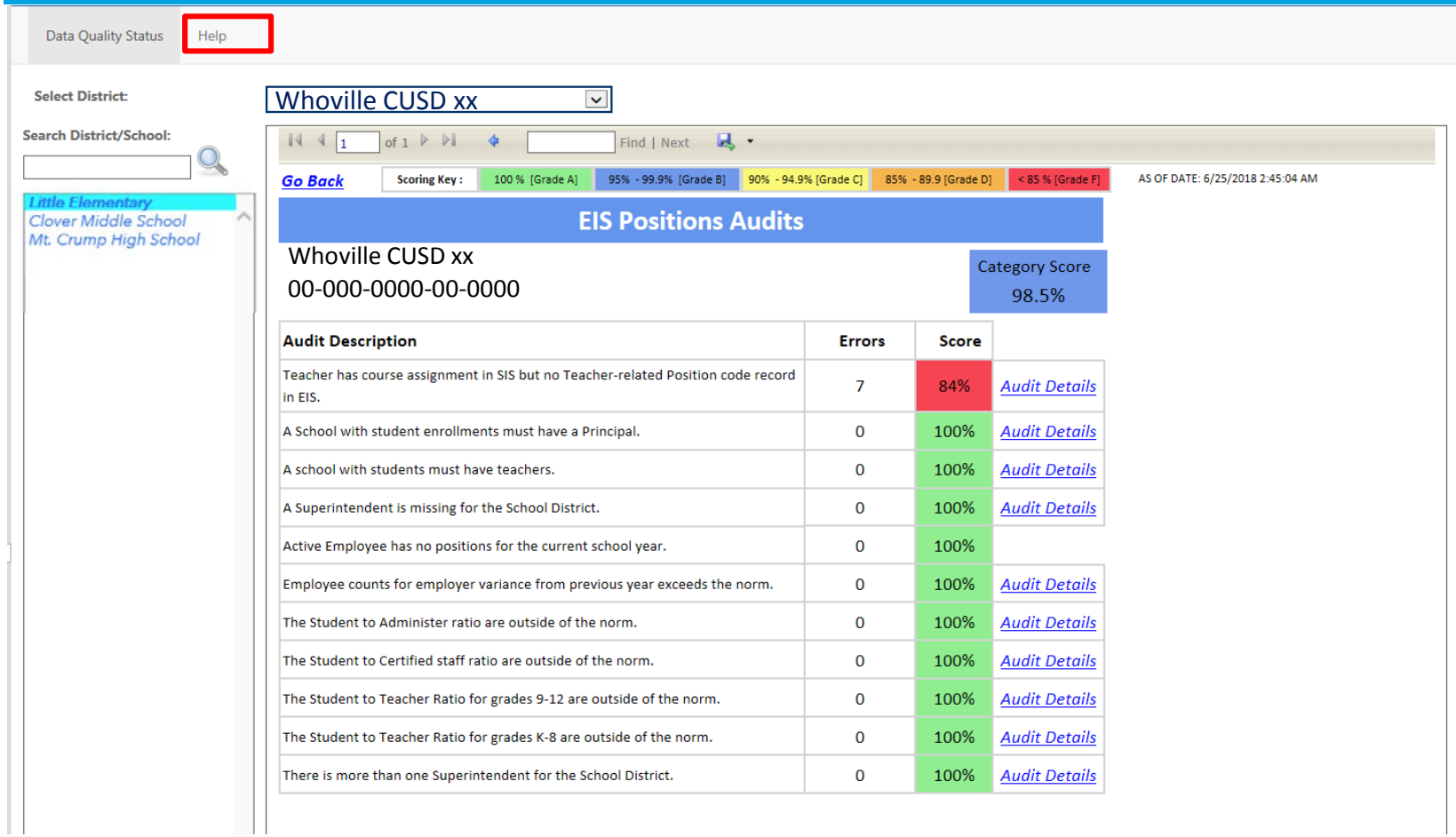
Data Quality Audit Scores



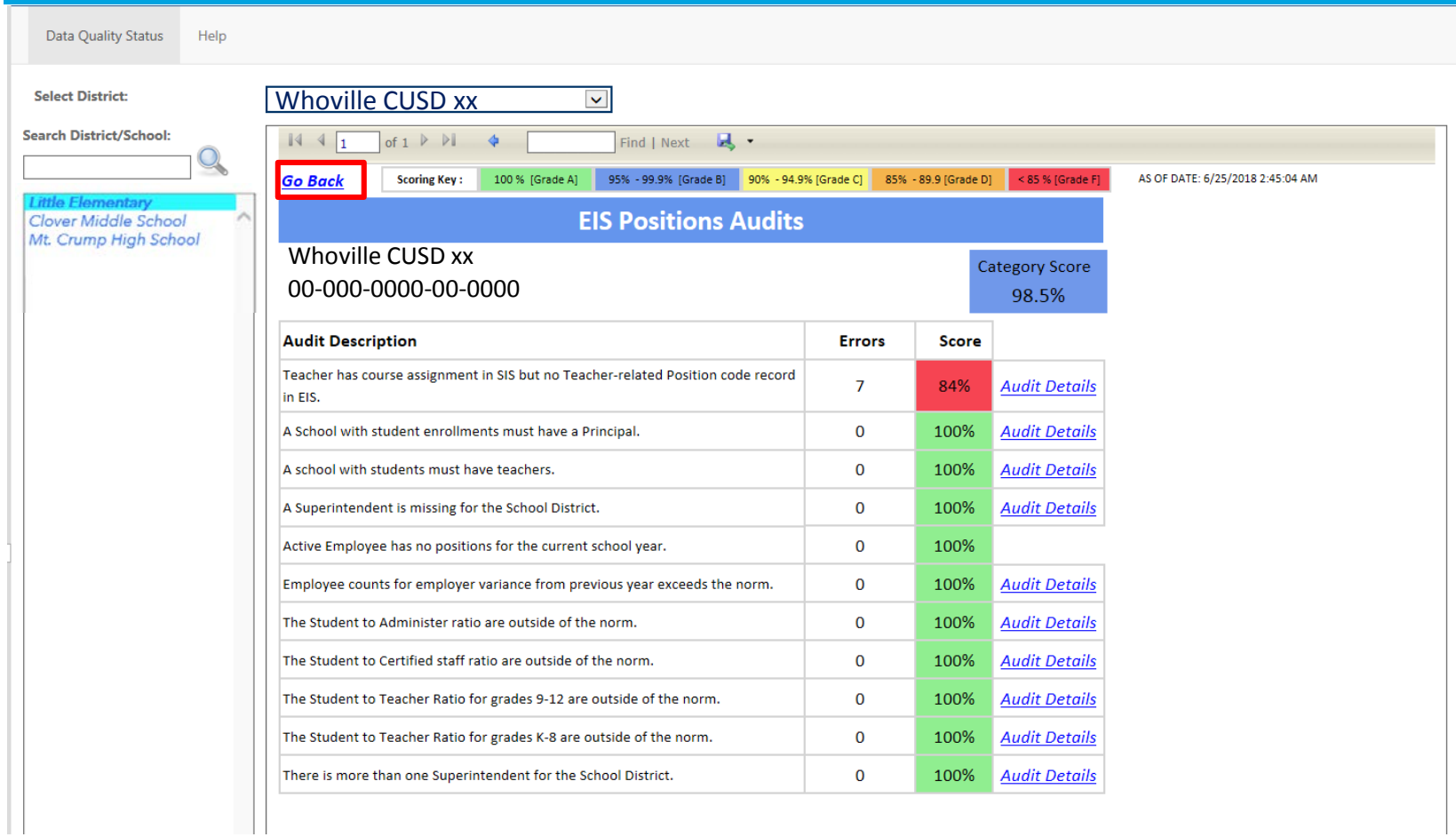
Data Categories

- EIS Positions
- EIS Salaries
- Enrollments
- Student Course Assignments
- Teacher Course Assignments

Navigation


Data Quality Status
Help
Select District:
Whoville CUSD xx
Search District/School:
Little Elementary
Clover Middle School
Mt. Crump High School
1 of 1
Find | Next
Go Back
Scoring Key :
100 % [Grade A]
95% - 99.9% [Grade B]
90% - 94.9% [Grade C]
85% - 89.9 [Grade D]
< 85 % [Grade F]
AS OF DATE: 6/25/2018 2:45:04 AM
EIS Positions Audits
Whoville CUSD xx
00-000-0000-00-0000
Category Score
98.5%
Audit Description
Errors
Score
Teacher has course assignment in SIS but no Teacher-related Position code record in EIS.
7
84%
Audit Details
A School with student enrollments must have a Principal.
0
100%
Audit Details
A school with students must have teachers.
0
100%
Audit Details
A Superintendent is missing for the School District.
0
100%
Audit Details
Active Employee has no positions for the current school year.
0
100%
Employee counts for employer variance from previous year exceeds the norm.
0
100%
Audit Details
The Student to Administer ratio are outside of the norm.
0
100%
Audit Details
The Student to Certified staff ratio are outside of the norm.
0
100%
Audit Details
The Student to Teacher Ratio for grades 9-12 are outside of the norm.
0
100%
Audit Details
The Student to Teacher Ratio for grades K-8 are outside of the norm.
0
100%
Audit Details
There is more than one Superintendent for the School District.
0
100%
Audit Details

Navigation


Data Quality Status
Help
Select District:
Whoville CUSD xx
Search District/School:
Little Elementary
Clover Middle School
Mt. Crump High School
1 of 1
Find | Next
Go Back
Scoring Key :
100 % [Grade A]
95% - 99.9% [Grade B]
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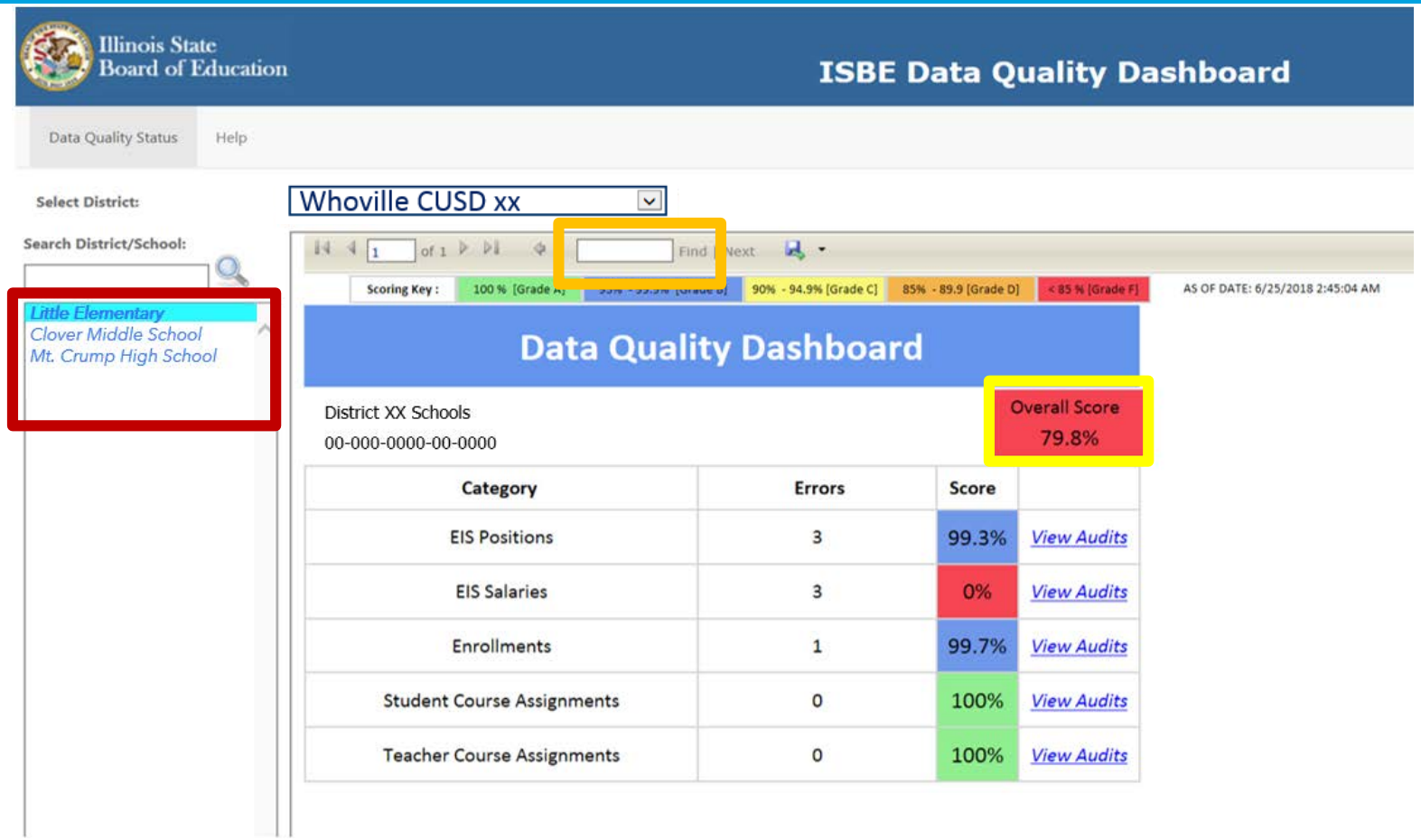
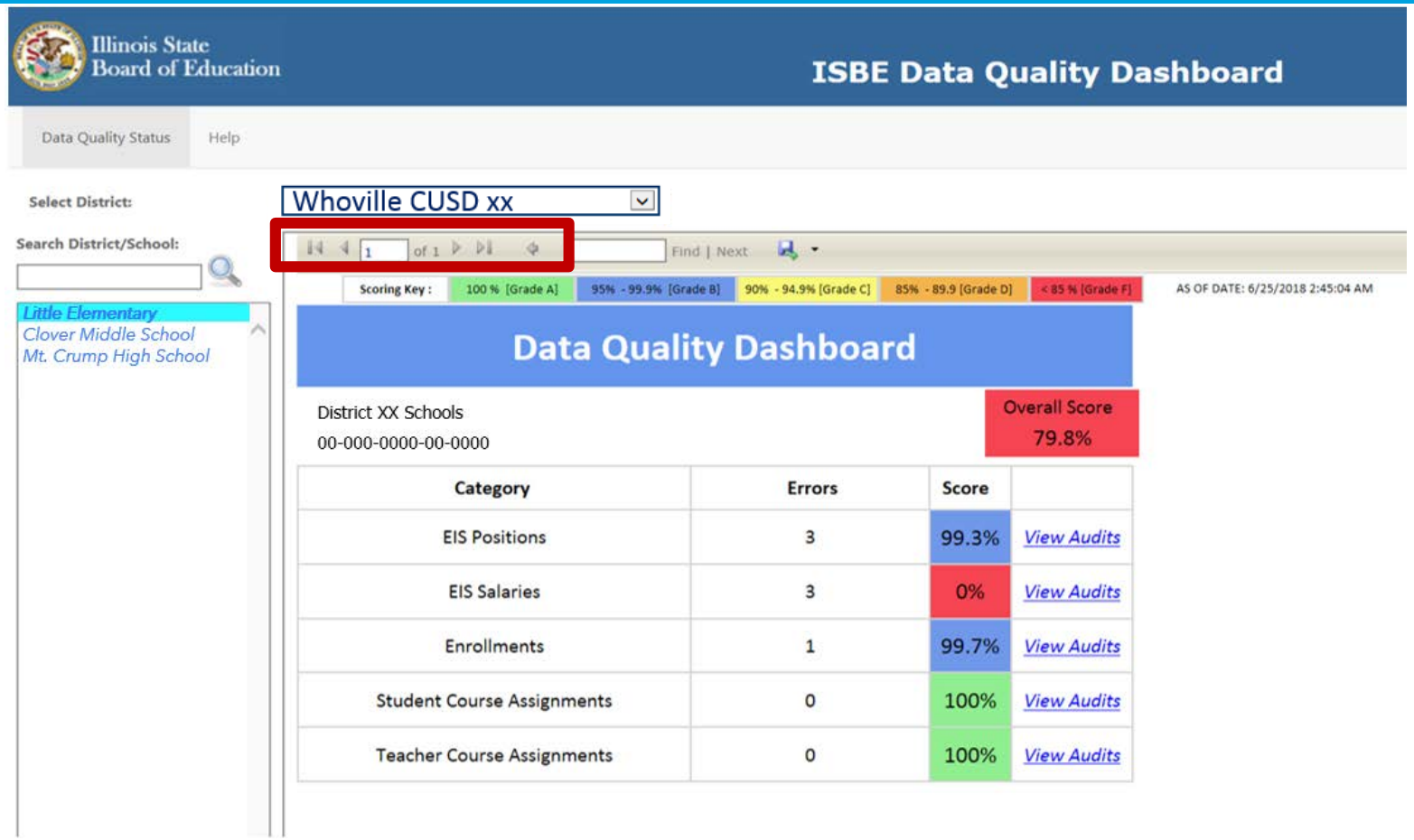
85% - 89.9 [Grade D]
< 85 % [Grade F]
AS OF DATE: 6/25/2018 2:45:04 AM
EIS Positions Audits
Whoville CUSD xx
00-000-0000-00-0000
Category Score
98.5%
Audit Description
Errors
Score
Teacher has course assignment in SIS but no Teacher-related Position code record in EIS. 7 84% Audit Details
A School with student enrollments must have a Principal. 0 100% Audit Details
A school with students must have teachers. 0 100% Audit Details
A Superintendent is missing for the School District. 0 100% Audit Details
Active Employee has no positions for the current school year. 0 100%
Employee counts for employer variance from previous year exceeds the norm. 0 100% Audit Details
The Student to Administer ratio are outside of the norm. 0 100% Audit Details
The Student to Certified staff ratio are outside of the norm. 0 100% Audit Details
The Student to Teacher Ratio for grades 9-12 are outside of the norm. 0 100% Audit Details
The Student to Teacher Ratio for grades K-8 are outside of the norm. 0 100% Audit Details
There is more than one Superintendent for the School District. 0 100% Audit Details

Navigation


Illinois State Board of Education
ISBE Data Quality Dashboard
Data Quality Status
Help
Select District:
Whoville CUSD xx
Search District/School:
Little Elementary
Clover Middle School
Mt. Crump High School
Find
Next
Scoring Key :
90% - 94.9% [Grade C]
85% - 89.9 [Grade D]
< 85 % [Grade F]
AS OF DATE: 6/25/2018 2:45:04 AM
Data Quality Dashboard
District XX Schools
00-000-0000-00-0000
Overall Score
79.8%
Category
Errors
Score
EIS Positions
3
99.3%
View Audits
EIS Salaries
3
0%
View Audits
Enrollments
1
99.7%
View Audits
Student Course Assignments
0
100%
View Audits
Teacher Course Assignments
0
100%
View Audits

Navigation


Illinois State Board of Education
ISBE Data Quality Dashboard
Data Quality Status
Help
Select District:
Whoville CUSD xx
Search District/School:
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Clover Middle School
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1 of 1
Find | Next
Scoring Key :
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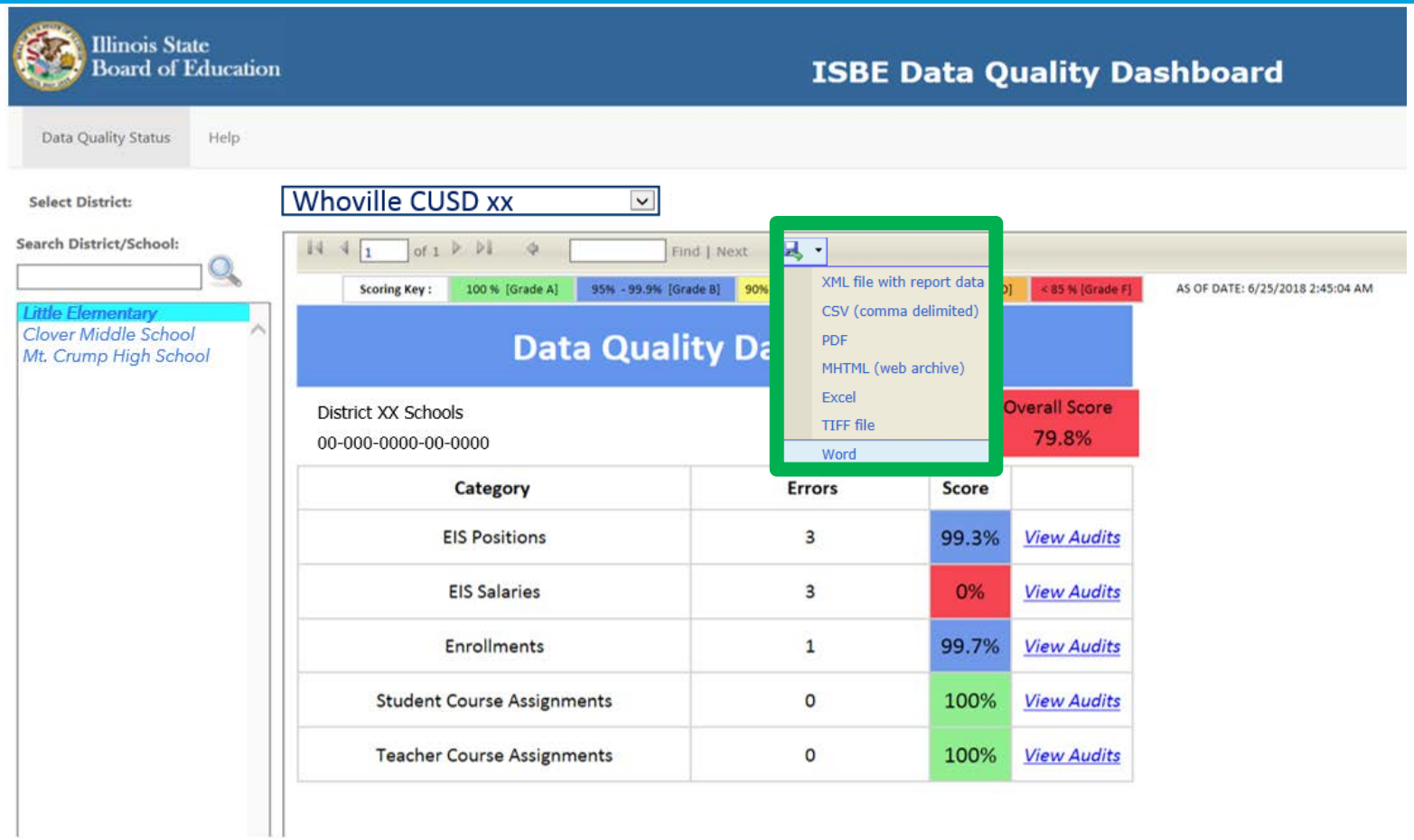
AS OF DATE: 6/25/2018 2:45:04 AM
Data Quality Dashboard
District XX Schools
00-000-0000-00-0000
Overall Score
79.8%
Category
Errors
Score
EIS Positions
3
99.3%
View Audits
EIS Salaries
3
0%
View Audits
Enrollments
1
99.7%
View Audits
Student Course Assignments
0
100%
View Audits
Teacher Course Assignments
0
100%
View Audits

Functions


Illinois State Board of Education
ISBE Data Quality Dashboard
Data Quality Status
Help
Select District:
Whoville CUSD xx
Search District/School:
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Clover Middle School
Mt. Crump High School
Find | Next
XML file with report data
CSV (comma delimited)
PDF
MHTML (web archive)
Excel
TIFF file
Word
Scoring Key :
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AS OF DATE: 6/25/2018 2:45:04 AM
Data Quality Da
District XX Schools
00-000-0000-00-0000
Overall Score
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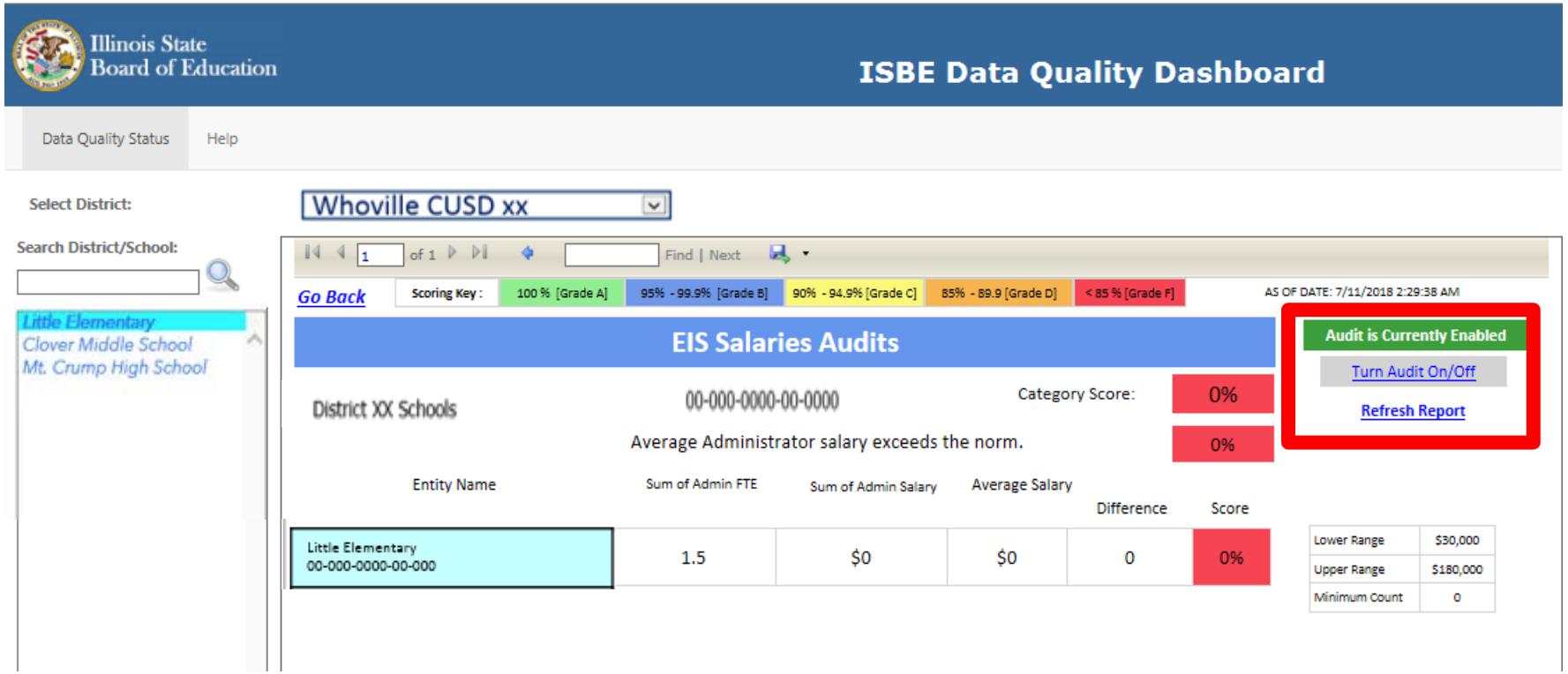
Category
Errors
Score
EIS Positions
3
99.3%
View Audits
EIS Salaries
3
0%
View Audits
Enrollments
1
99.7%
View Audits
Student Course Assignments
0
100%
View Audits
Teacher Course Assignments
0
100%
View Audits

Functions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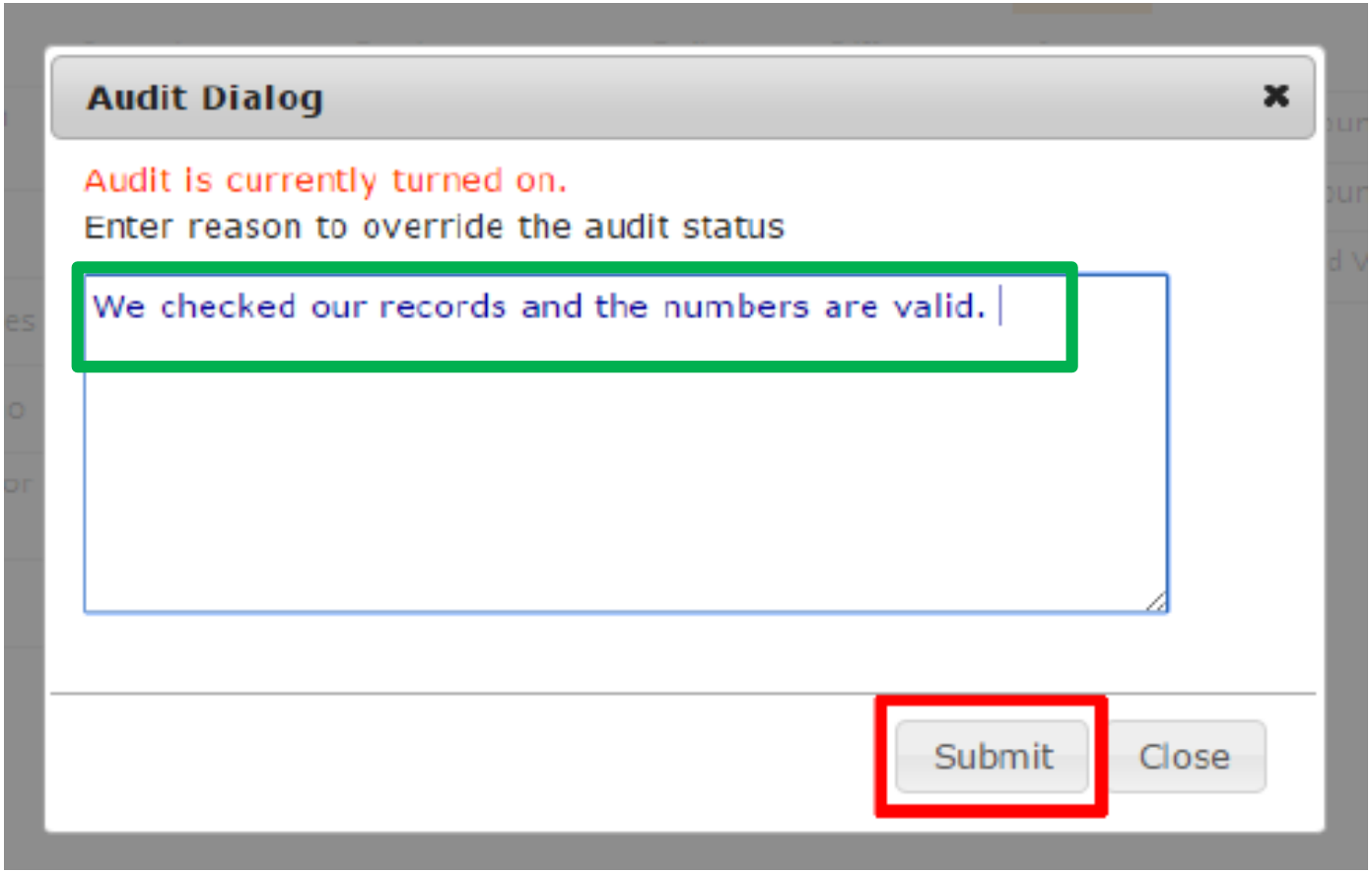
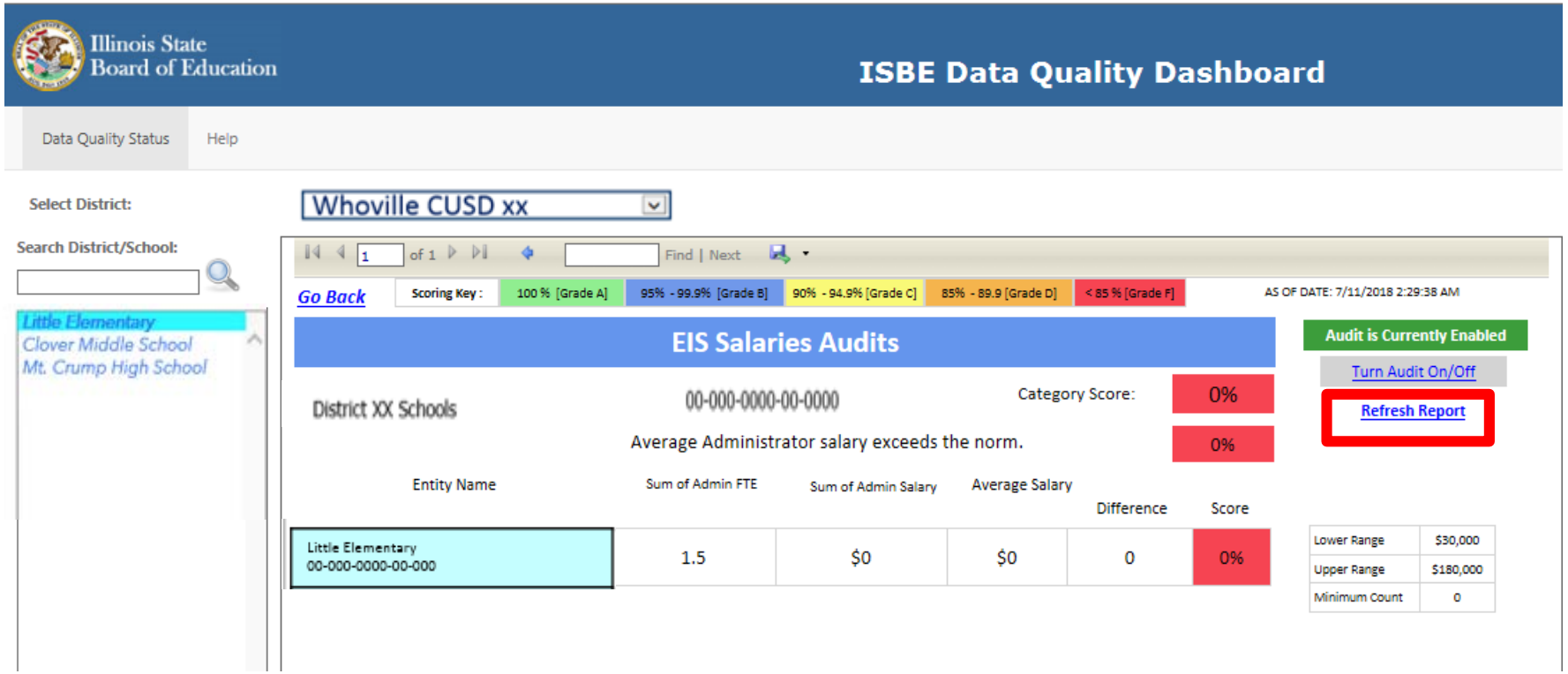
< 85 % [Grade F]
AS OF DATE: 7/11/2018 2:29:38 AM
EIS Salaries Audits
Audit is Currently Enabled
Turn Audit On/Off
Refresh Report
District XX Schools
00-000-0000-00-0000
Category Score:
0%
Average Administrator salary exceeds the norm.
0%
Entity Name
Sum of Admin FTE
Sum of Admin Salary
Average Salary
Difference
Score
Little Elementary
00-000-0000-00-000
1.5
$0
$0
0
0%
Lower Range
$30,000
Upper Range
$180,000
Minimum Count
0

Functions


Audit Dialog
Audit is currently turned on.
Enter reason to override the audit status
We checked our records and the numbers are valid.
Submit
Close

Functions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ISBE Data Quality Dashboard
Data Quality Status
Help
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Mt. Crump High School
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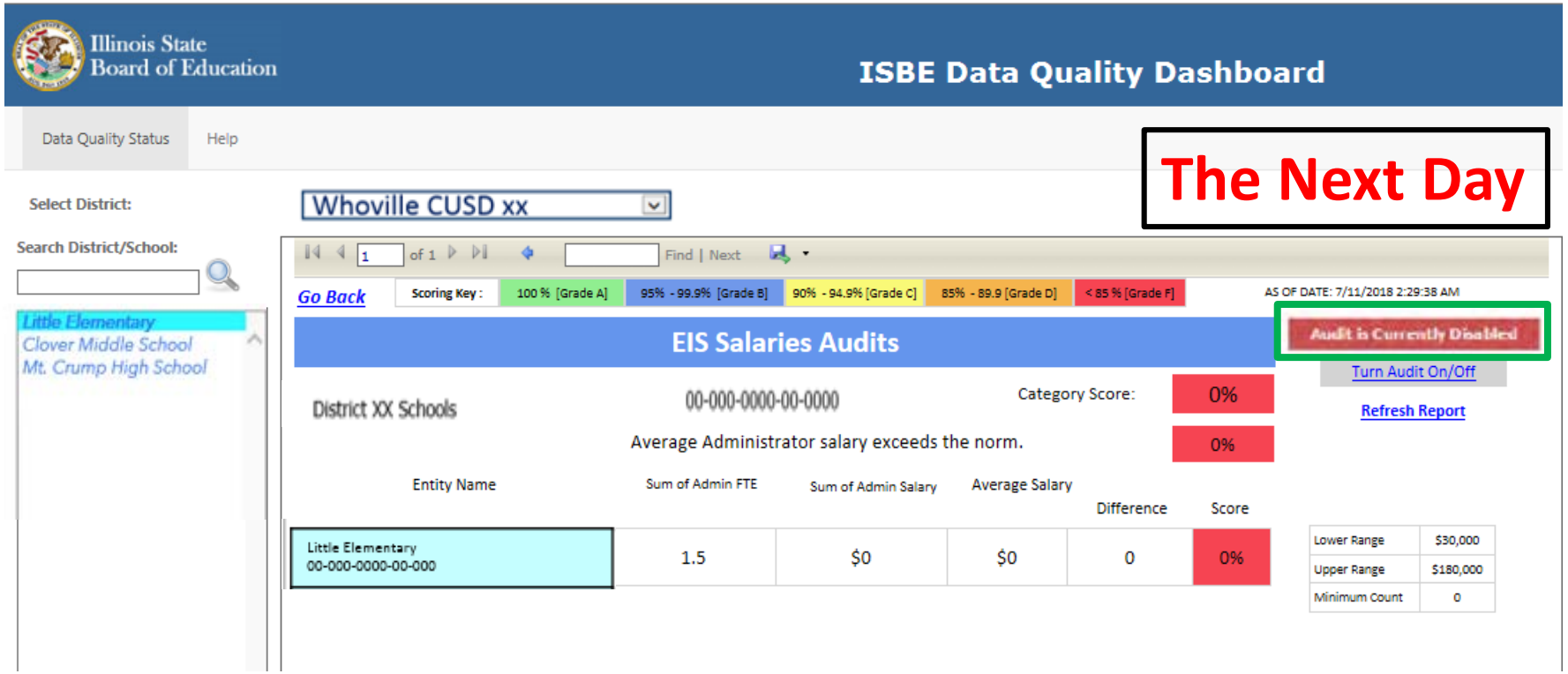
Average Salary
Difference
Score
Little Elementary
00-000-0000-00-000
1.5
$0
$0
0
0%
Lower Range
$30,000
Upper Range
$180,000
Minimum Count
0

Functions


Illinois State Board of Education
ISBE Data Quality Dashboard
Data Quality Status
Help
The Next Day
Select District:
Whoville CUSD xx
Search District/School:
Little Elementary
Clover Middle School
Mt. Crump High School
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Entity Name
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Sum of Admin Salary
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Difference
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Little Elementary
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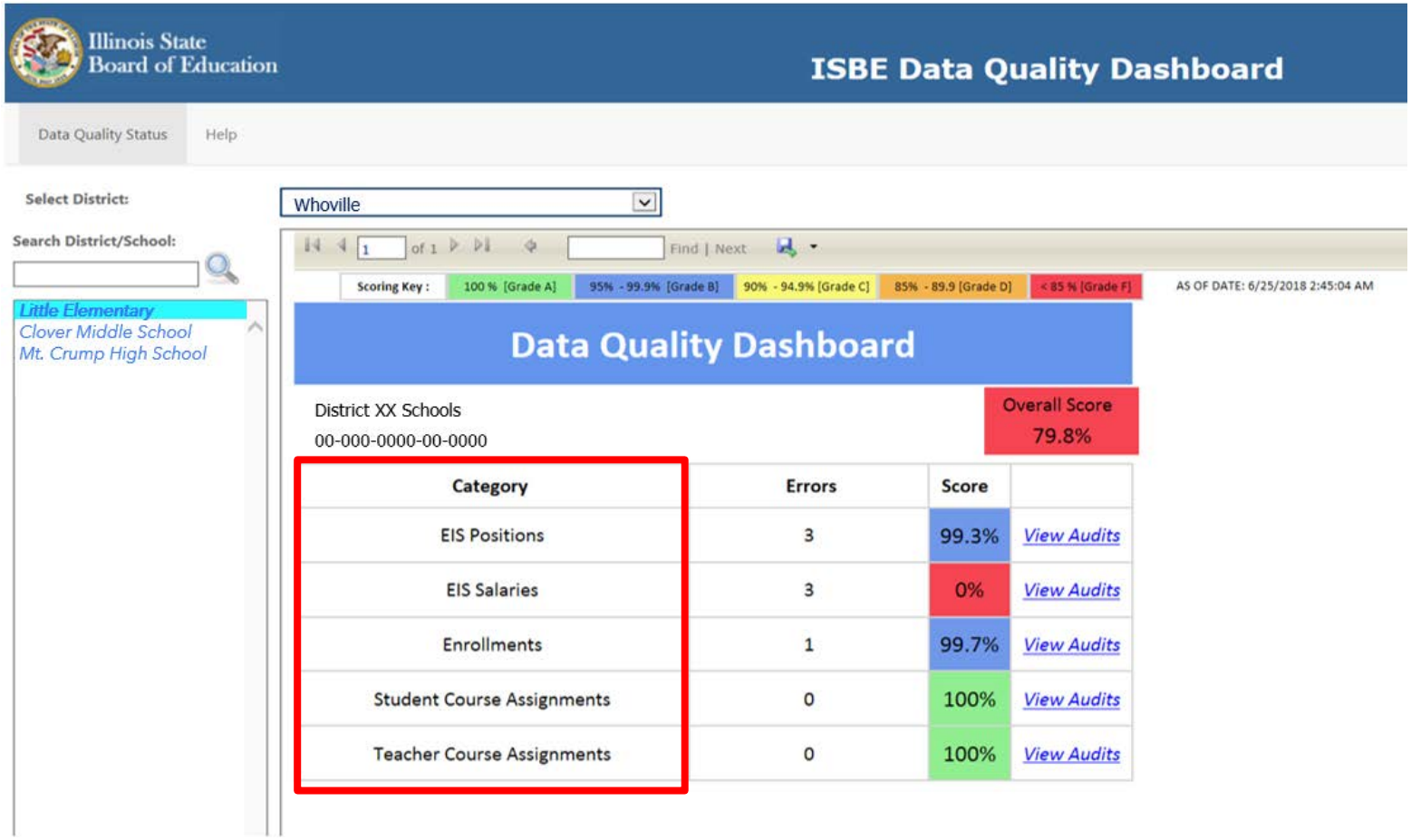
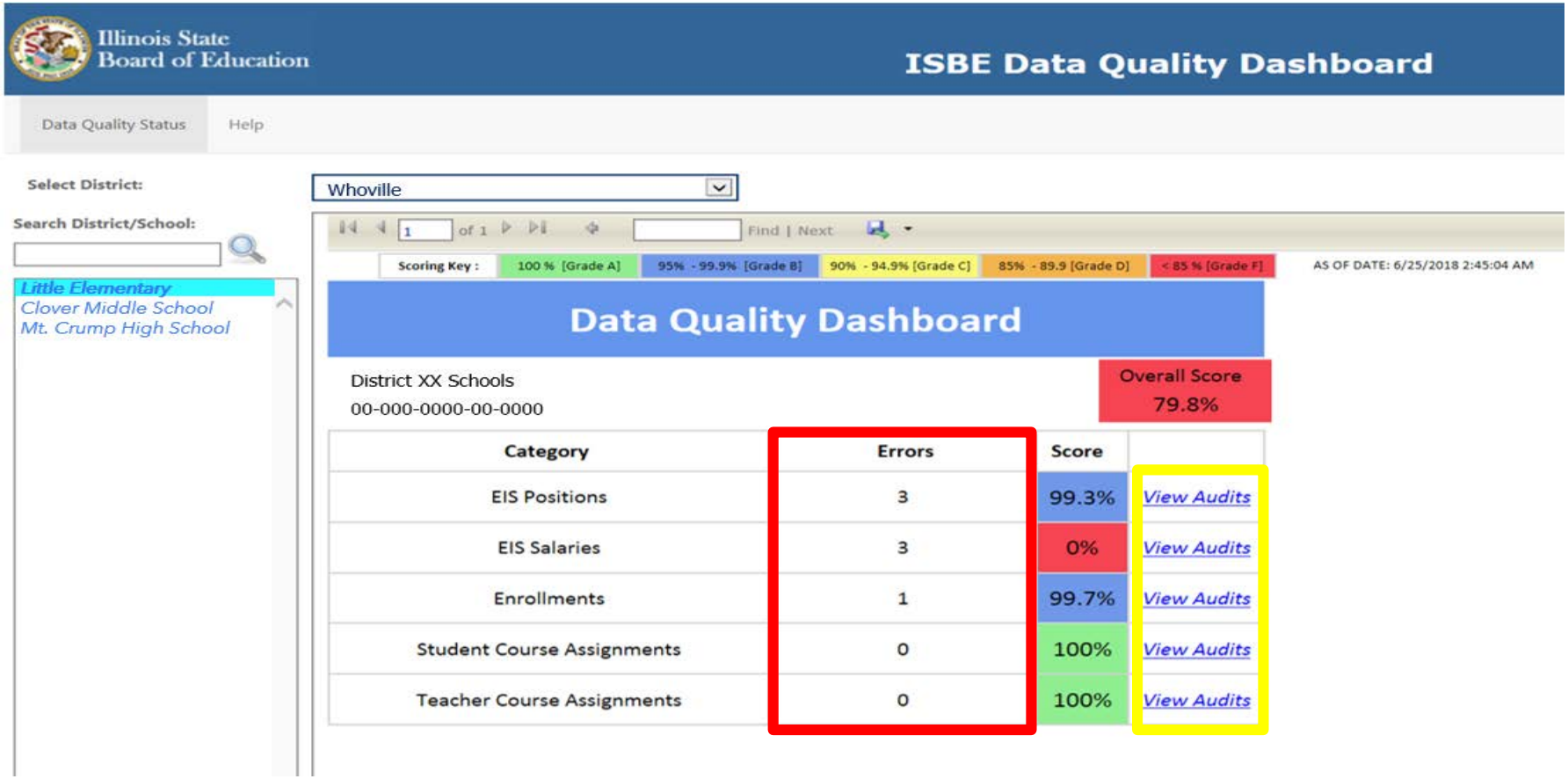
$0
$0
0
0%
Lower Range
$30,000
Upper Range
$180,000
Minimum Count
0

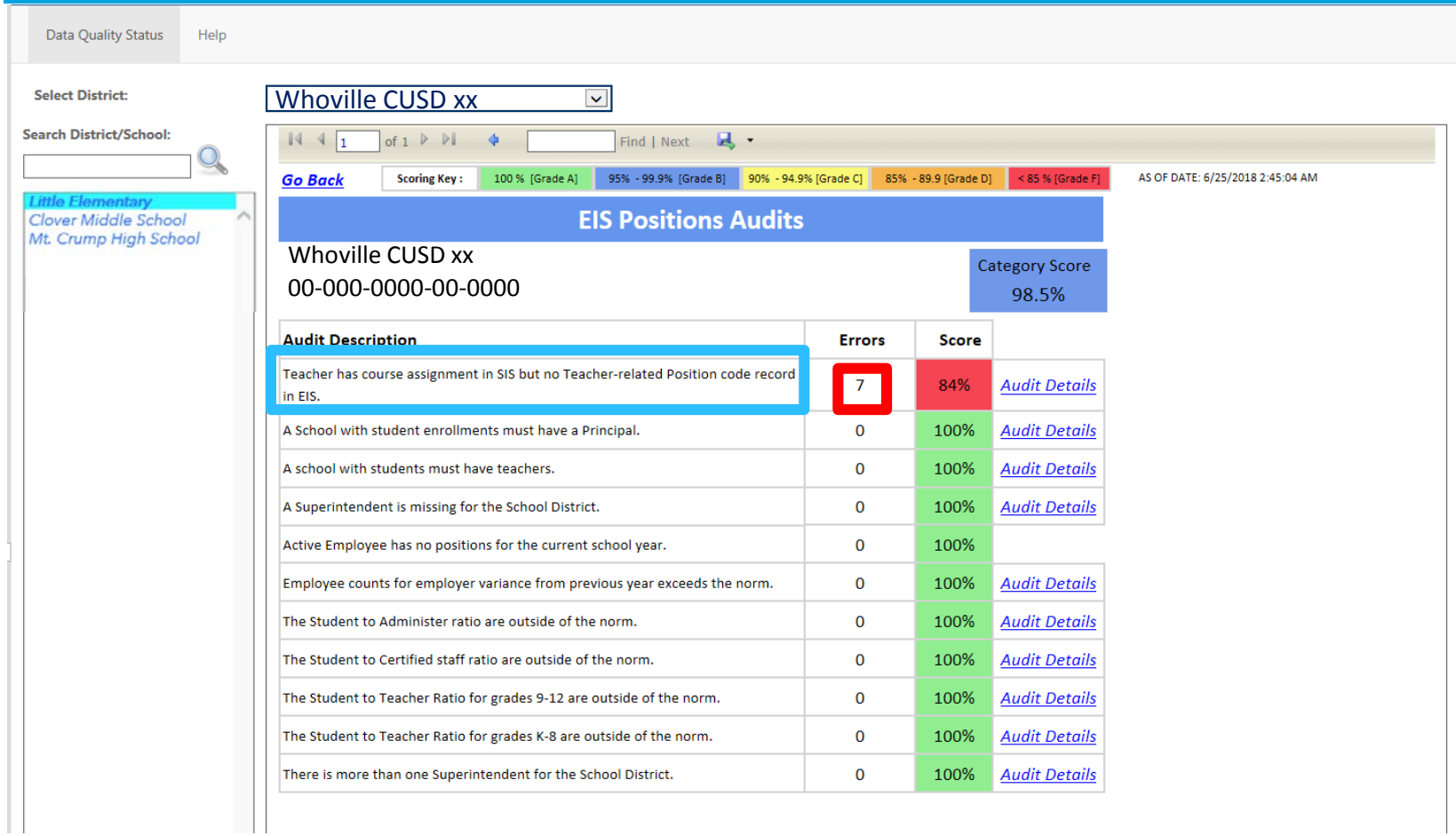
Data Categories



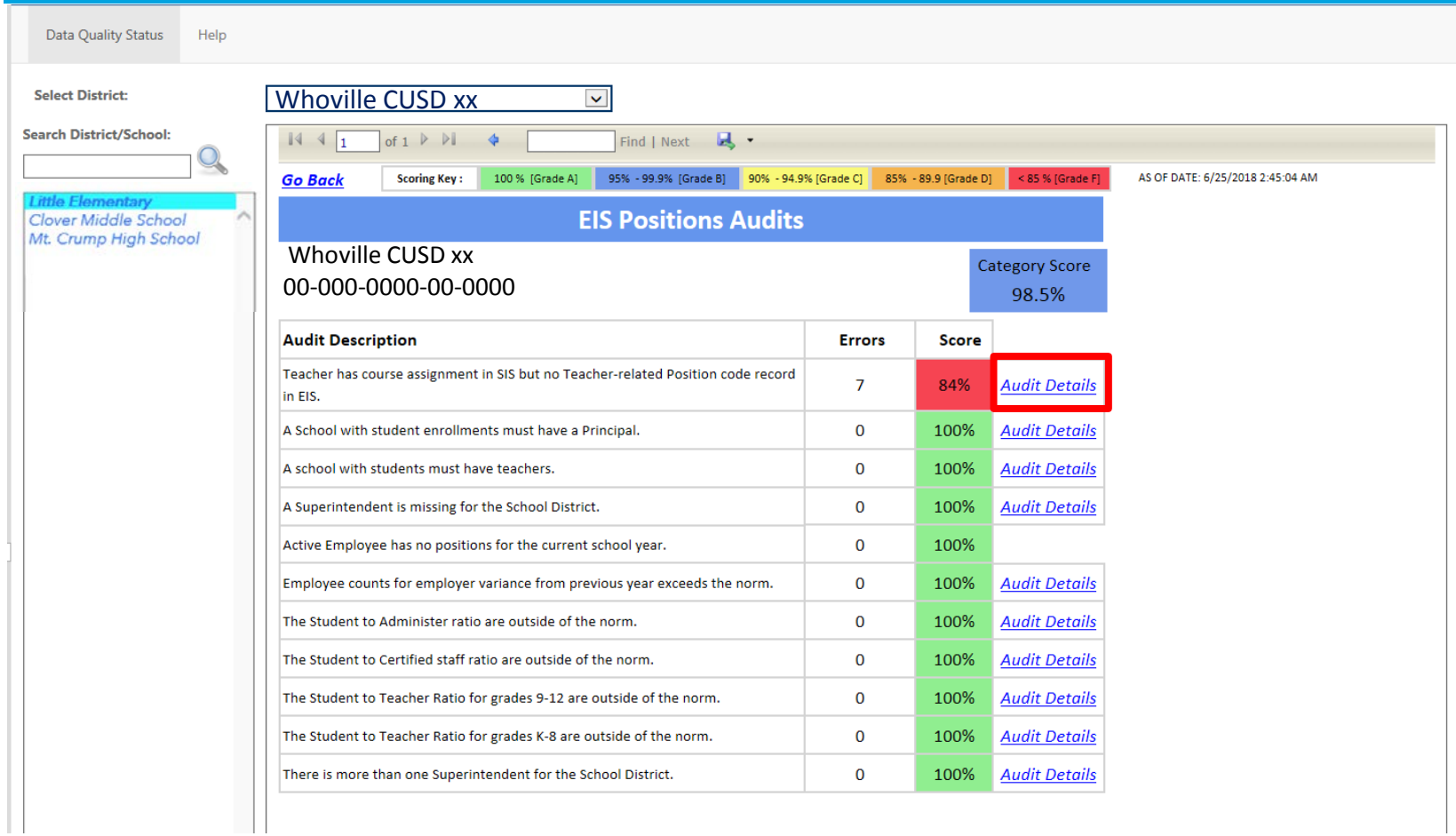
Potential Errors



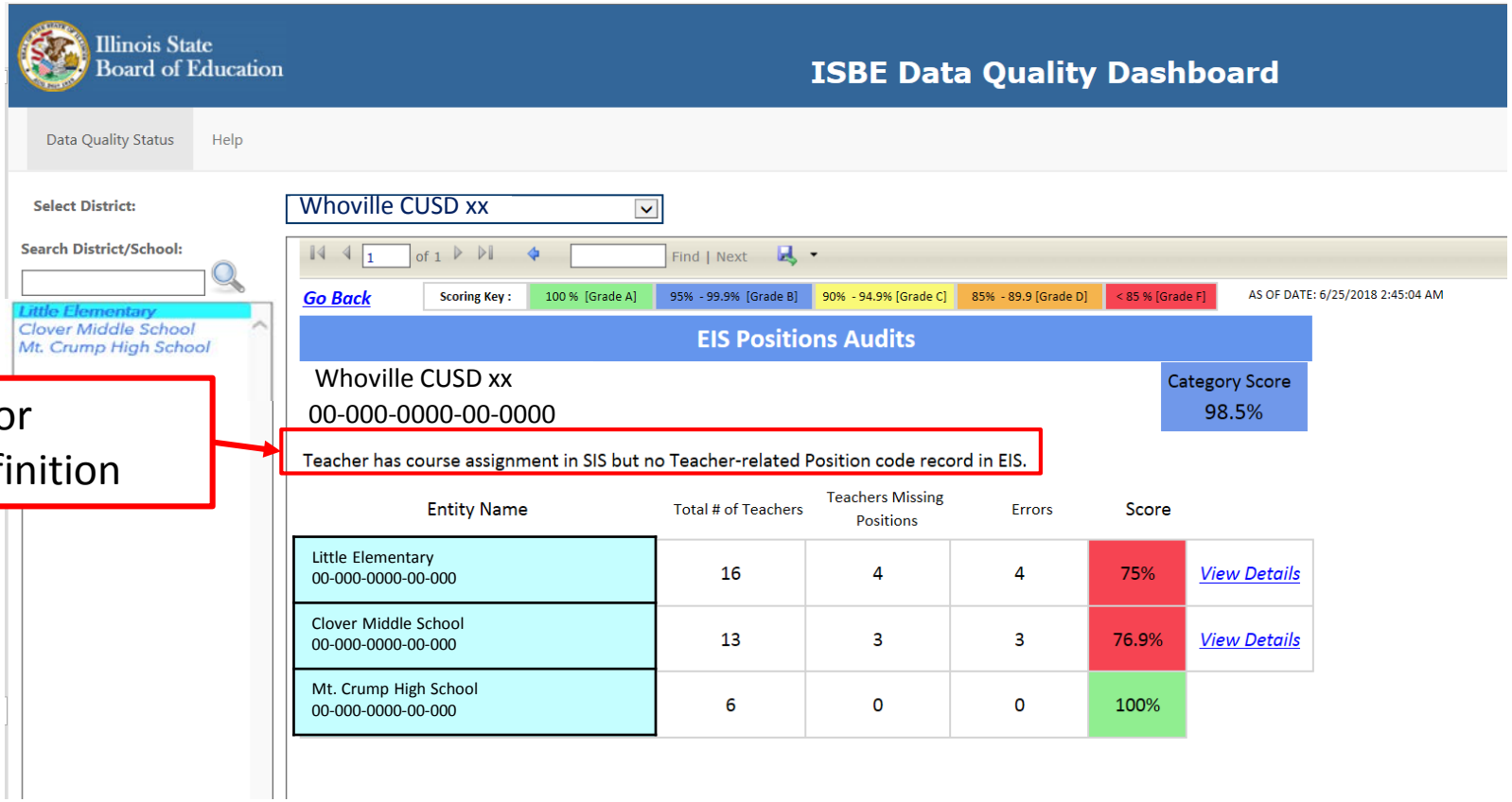
Audits Details



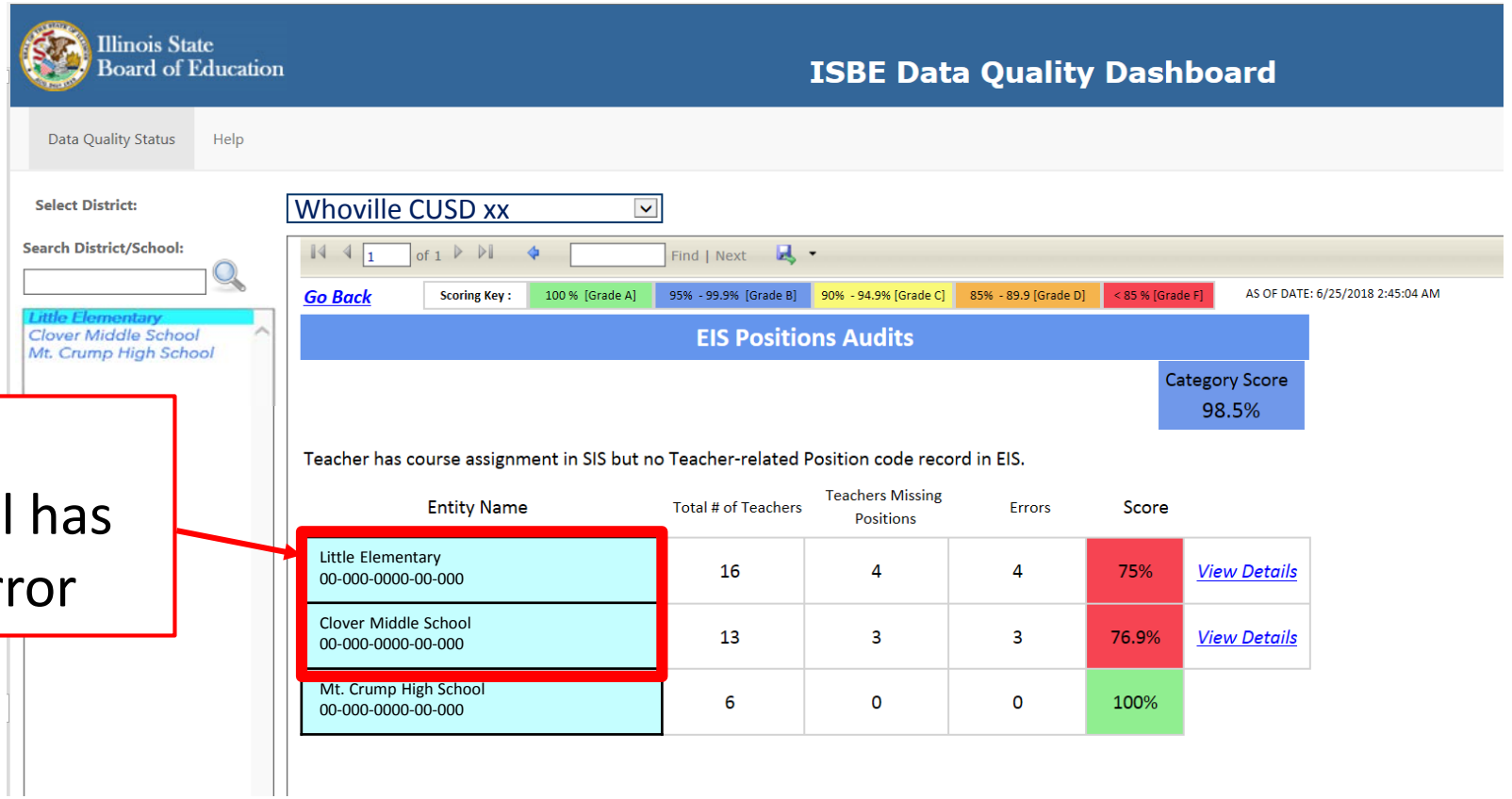
Audits Details



Audit Definition of Errors

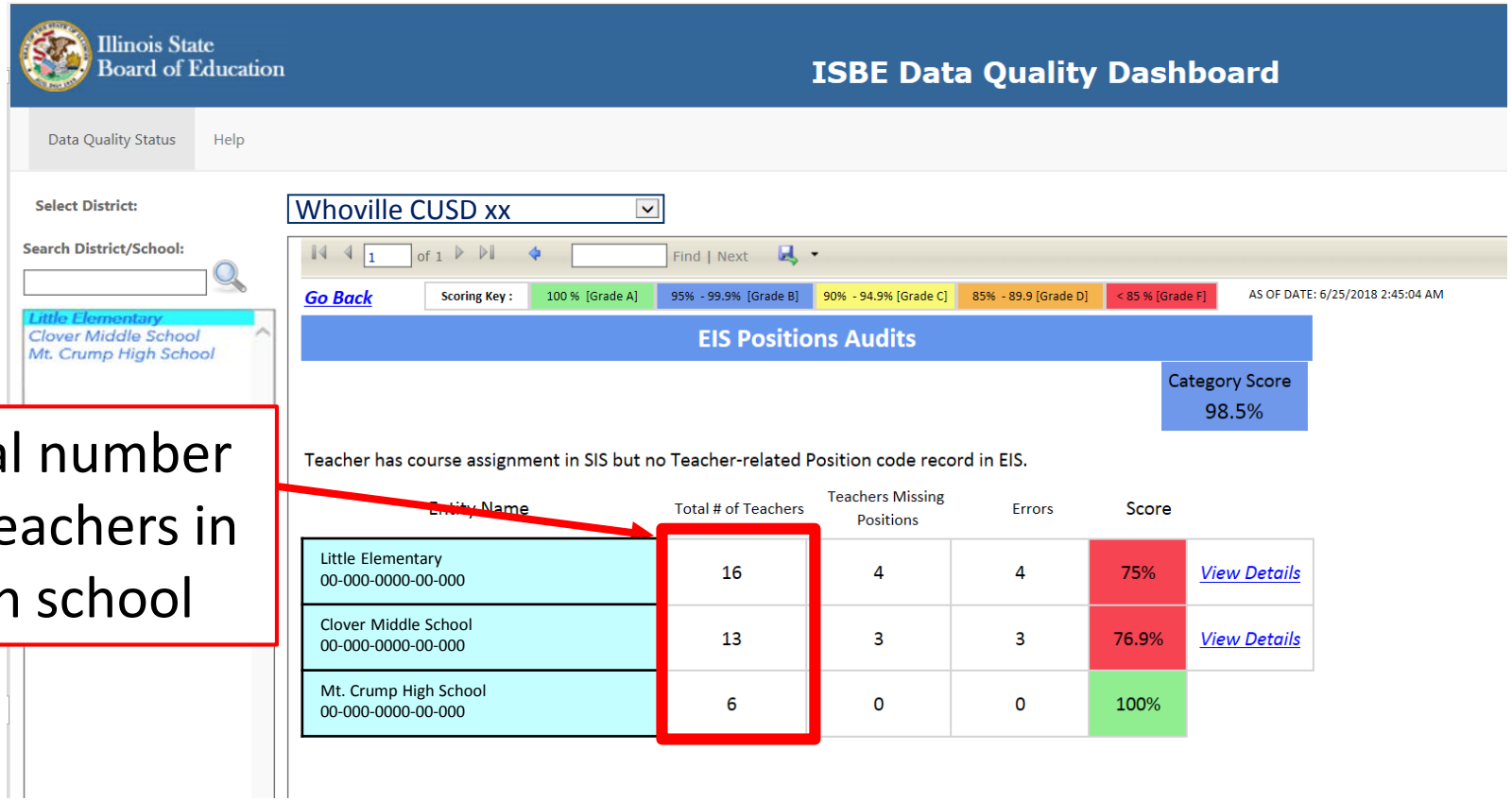


Audit Entity Name



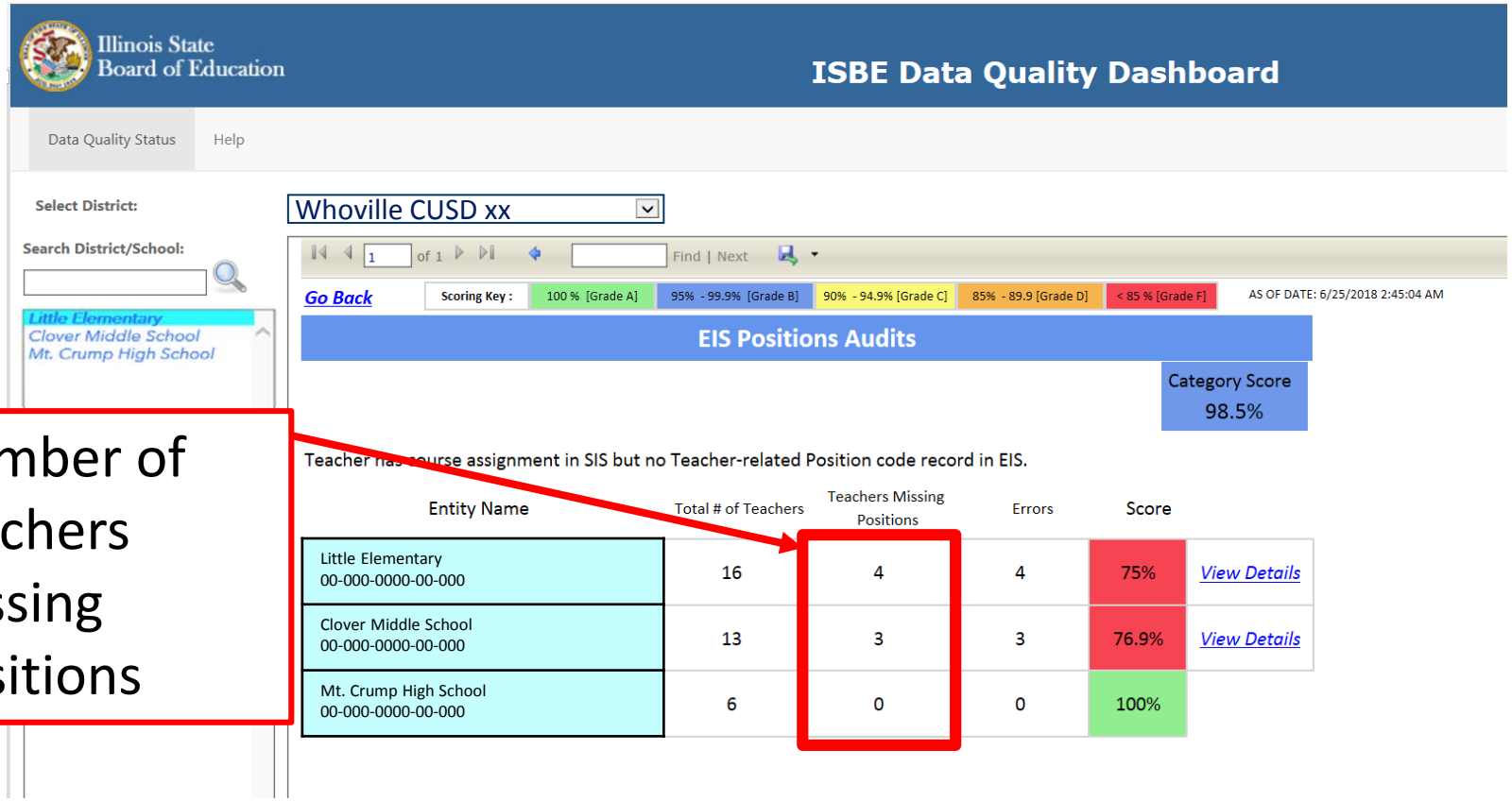
What school has the error

Audit Totals



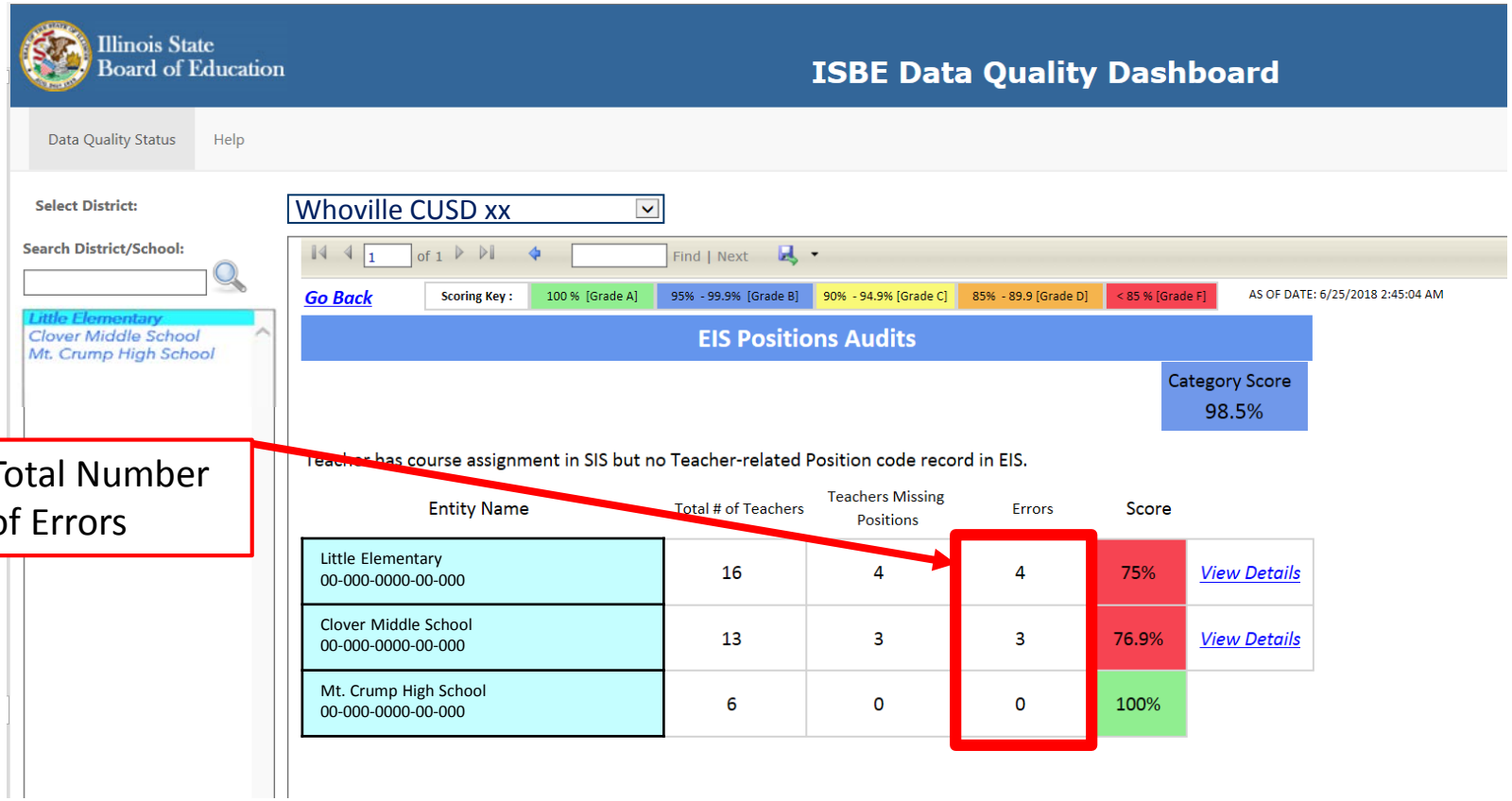
Total number of teachers in each school

Audit Totals

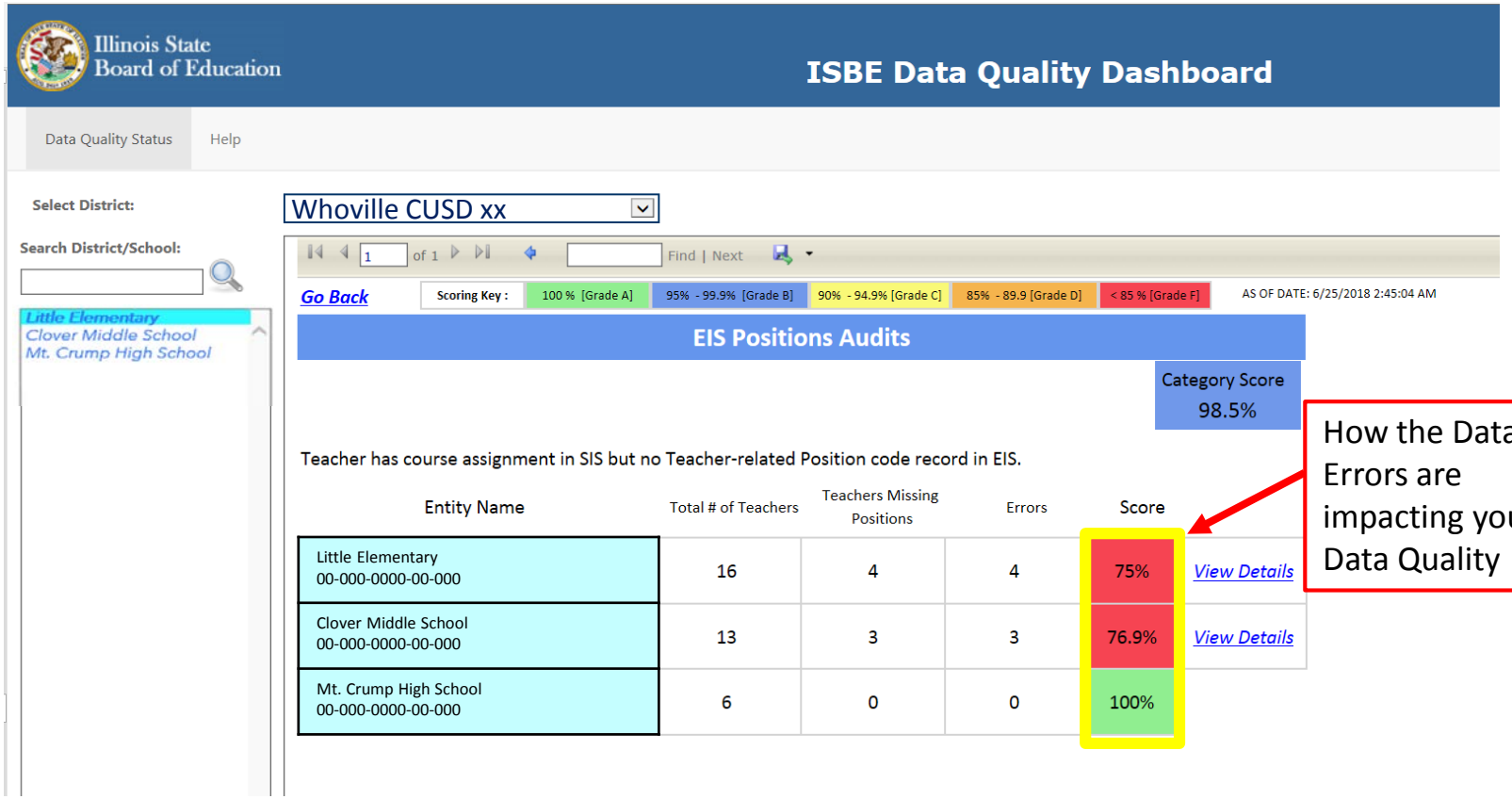


Number of teachers missing positions

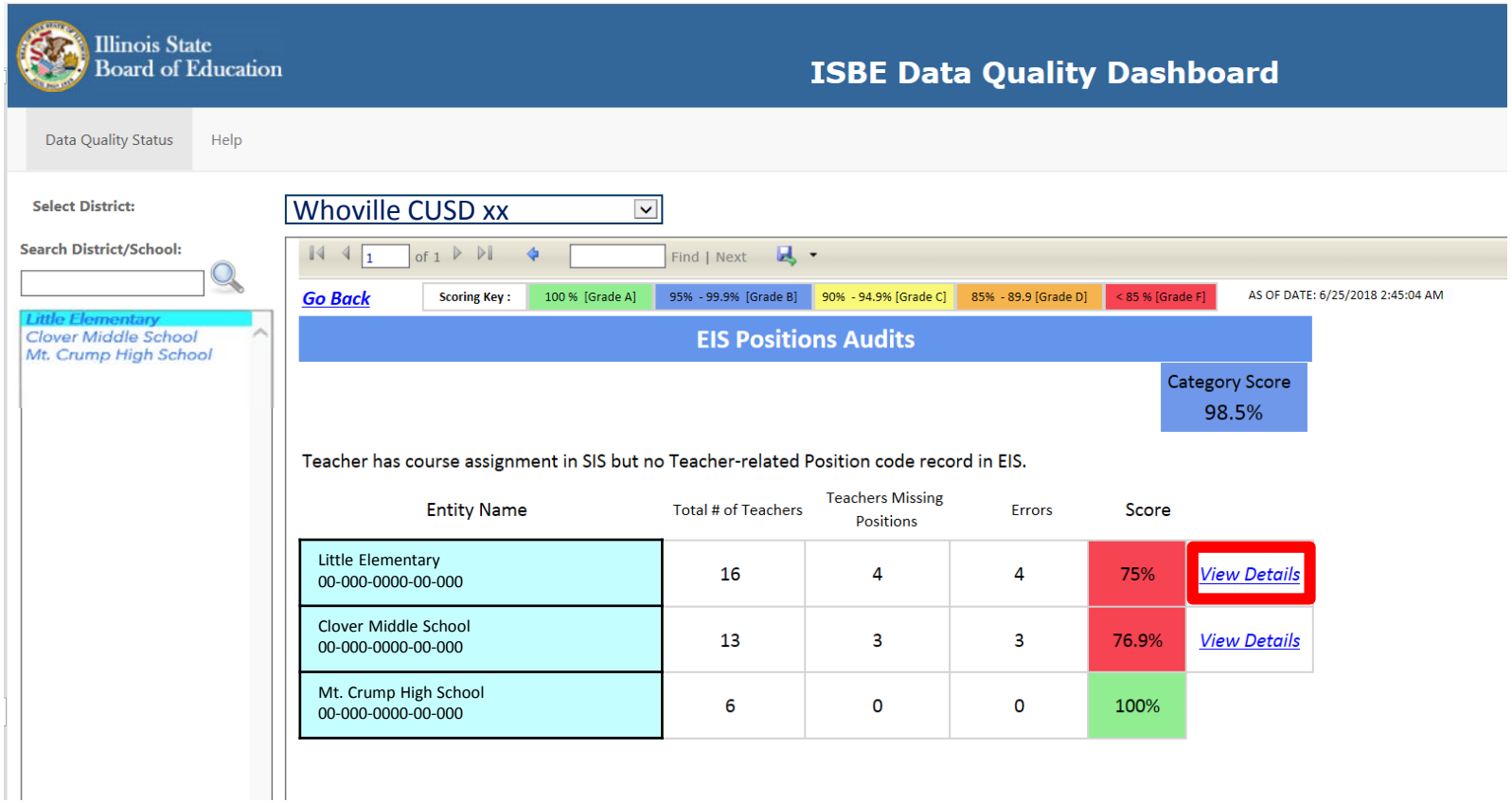
Audit Totals



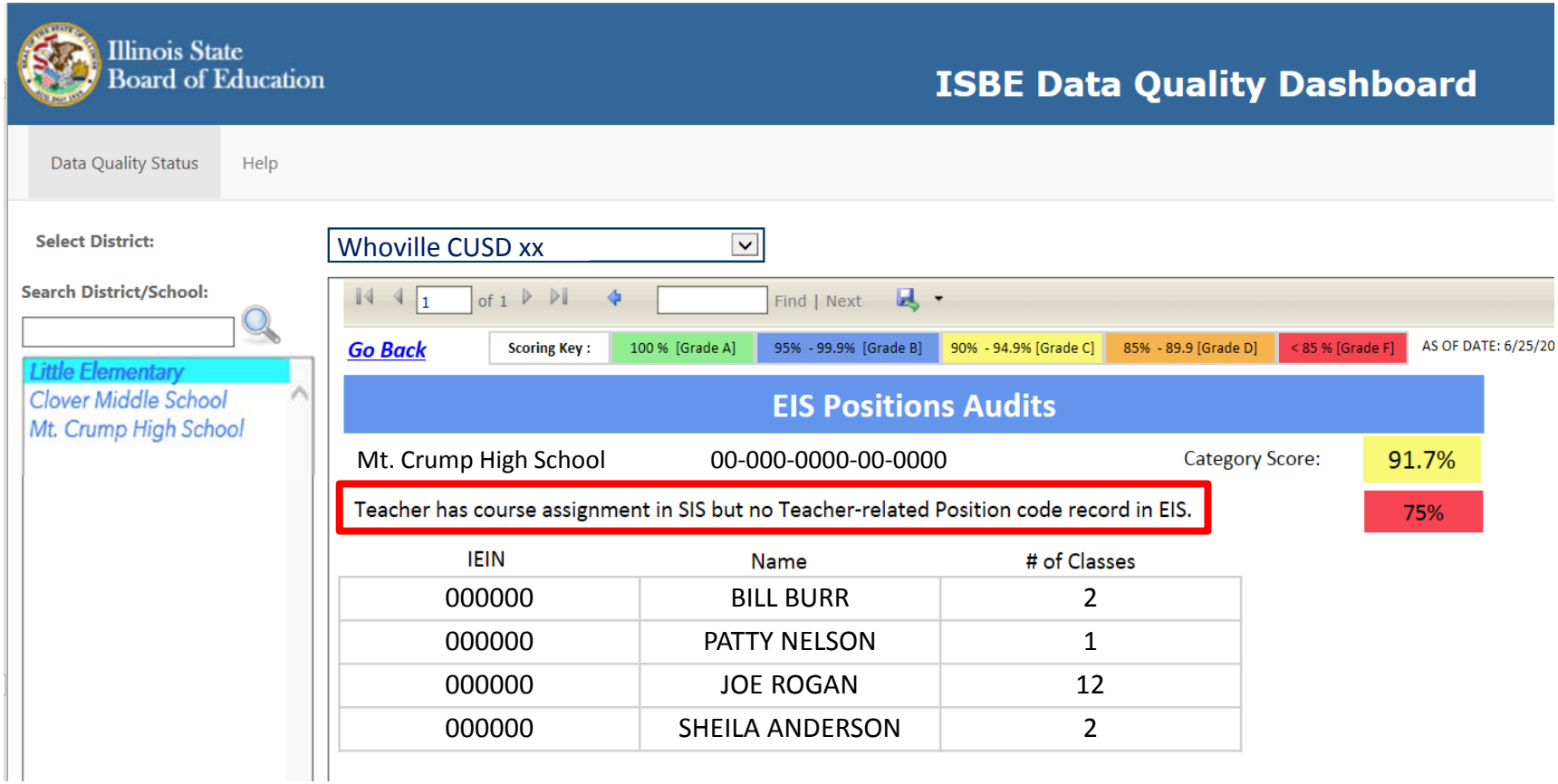
Audit Data Quality Score



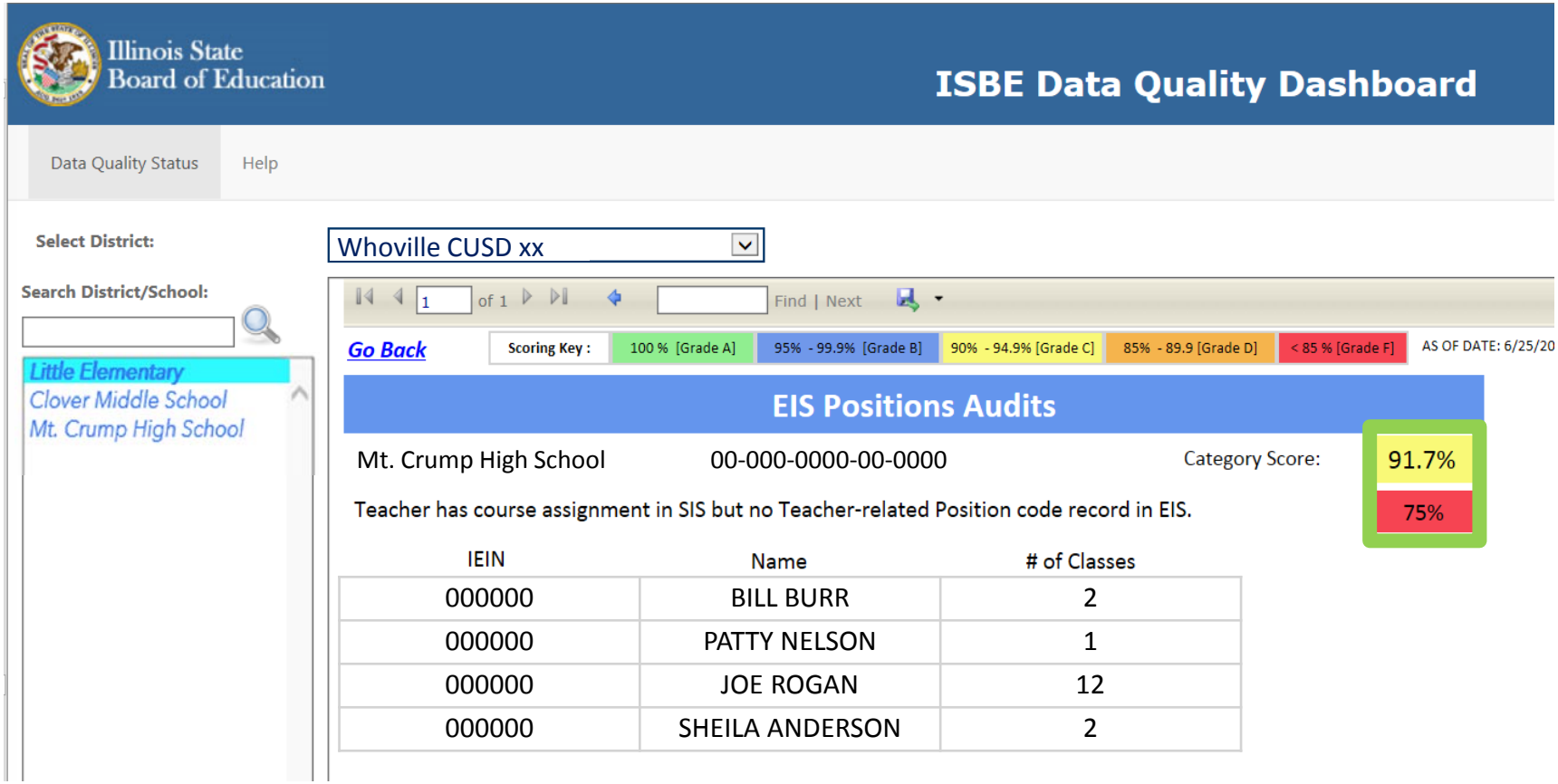
Audit Details



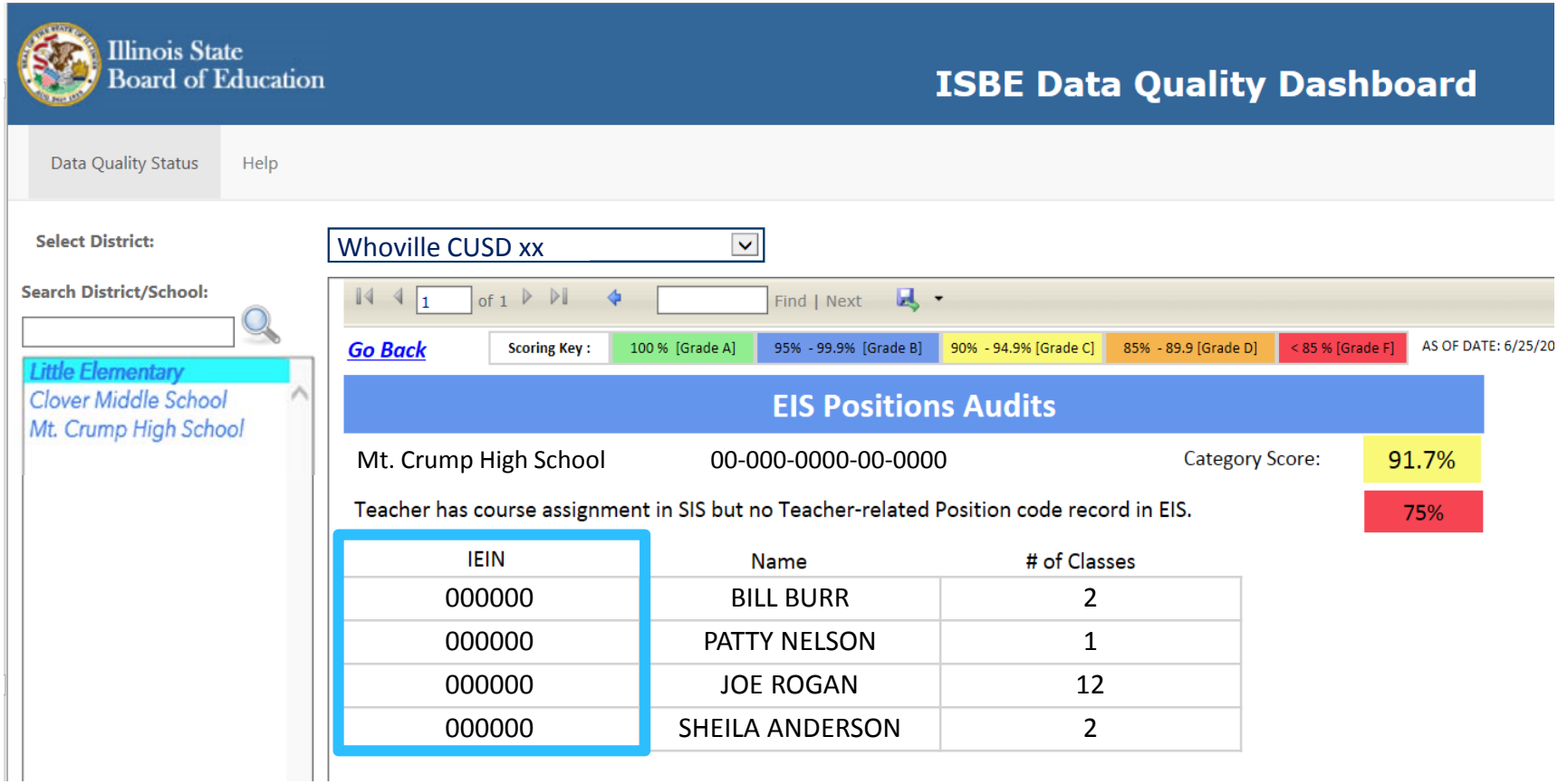
Audit Details



Audit Details



Audit Details



Audit Details

Illinois State Board of Education

ISBE Data Quality Dashboard

Data Quality Status | Help

Select District: Whoville CUSD xx

Search District/School:

Little Elementary
Clover Middle School
Mt. Crump High School

1 of 1 | Find | Next

Go Back | Scoring Key : | 100 % [Grade A] | 95% - 99.9% [Grade B] | 90% - 94.9% [Grade C] | 85% - 89.9 [Grade D] | < 85 % [Grade F] | AS OF DATE: 6/25/20

EIS Positions Audits

Mt. Crump High School 00-000-0000-00-0000 Category Score: 91.7%

Teacher has course assignment in SIS but no Teacher-related Position code record in EIS. 75%

IEIN	Name	# of Classes
000000	BILL BURR	2
000000	PATTY NELSON	1
000000	JOE ROGAN	12
000000	SHEILA ANDERSON	2

Audit Details

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Q/A and Discussion

ISBE Contact Information

- **Data Quality Dashboard**
  - https://www.isbe.net/Pages/Data-Quality-Dashboard.aspx
- **Data Analysis Division**
  - (217) 782-3950
  - datahelp@isbe.net
- **Help Desk for technical issues**
  - (217) 558-3600

Thank you!