# FETS & Bond Data



mdek12.org









# **VISION**

To create a world-class educational system that gives students the knowledge and skills to be successful in college and the workforce, and to flourish as parents and citizens

# **MISSION**

To provide leadership through the development of policy and accountability systems so that all students are prepared to compete in the global community





### State Board of Education STRATEGIC PLAN GOALS



**ALL** Students Proficient and Showing Growth in All **Assessed Areas** 

**EVERY** School Has Effective Teachers and Leaders





**EVERY** Student Graduates from High School and is Ready for College and Career

**EVERY** Community Effectively Uses a World-Class Data System to Improve Student Outcomes





**EVERY** Child Has Access to a High-Quality Early Childhood Program

**EVERY** School and District is Rated "C" or Higher









# Be an active participant

Share reactions

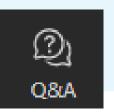
Respond to prompts in the chat





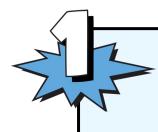












**EXPLORE** FETS data submission process and report



**EXPLORE** Bond data submission process and report

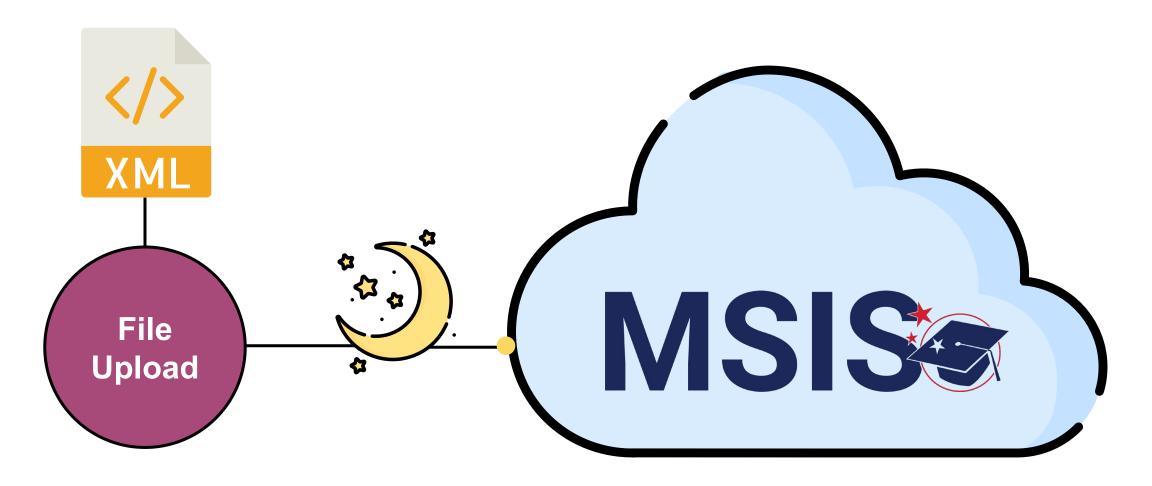


**REVIEW** data errors and certification deadlines











# MSIS FETS Data Collection Process



**Export** FETS file from financial package



Save as ####\_OptionalText\_Finance.FETS.xml





# **Upload** file to MSIS



**REVIEW** Submission Status page; make edits and reupload file as needed



**REVIEW** FETS Report for accuracy; make edits and reupload file as needed



## **STEP**



# **EXPORT** the FETS file as an XML from your financial package.

No changes to the file format from previous years.







# Please use 001 for the district level and not 000.

(This is related to the new rule for 24-25SY where the school number is required for ALL expenditures and not just specific and federal funds)



### **STEP**



# SAVE file as

####\_OptionalText\_Finance.FETS.xml

4-digit LEA number, include any leading zeros (Ex: 0123Finance.FETS.xml)





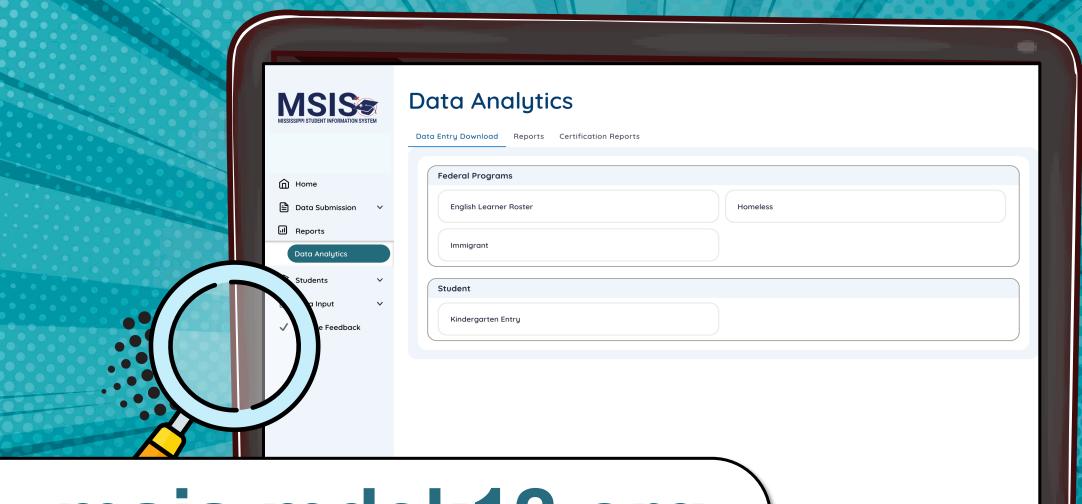
## **STEP**



# **UPLOAD** the XML file to MSIS.







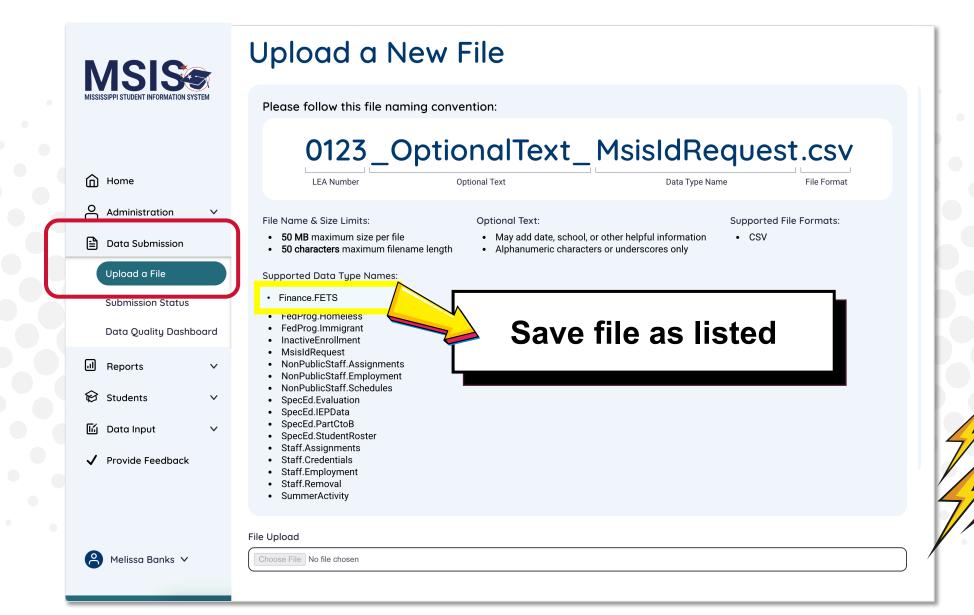
msis.mdek12.org



# **PERMISSION**

# Finance











# File Upload process runs a first set of initial data checks.

File saved correctly?

File format correct?

File size too large?



Administration

**Data Submission** 

#### Upload a File

Submission Status

Data Quality Dashboard

Reports

**Students**  $\vee$ 

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#### UIZJ OPTIONALIEKT MISISIANTEQUESTICSY

LEA Number

Optional Text

Data Type Name

File Format

#### File Name & Size Limits:

. 50 MB maximum size per file

Supported Data Type Names: · AcademicAward.Removal AssessmentReadiness CourseSection.Removal

. 50 characters maximum filename length

#### Optional Text:

- · May add date, school, or other helpful information
- · Alphanumeric characters or underscores only

#### Supported File Formats:

- CSV XML











GoodCauseExemptions

 FedProg.EnglishLearner FedProg.Homeless FedProg.Immigrant

GraduationOptions

Finance.BondData

- InactiveEnrollment
- Incident.Removal
- KindergartenEntry
- MsisIdRequest
- ResidentLEASchool
- SummerActivity



Administration

Data Submission

#### Upload a File

**Submission Status** 

Data Quality Dashboard

Reports

 $\vee$ 

## 0123\_OptionalText\_MsisIdRequest.csv

LEA Number Optional Text Data Type Name File Format

#### File Name & Size Limits:

- . 50 MB maximum size per file
- . 50 characters maximum filename length

#### Optional Text:

- · May add date, school, or other helpful information
- Alphanumeric characters or underscores only

#### Supported File Formats:

- CSV
- XML





#### Supported Data Type Names:

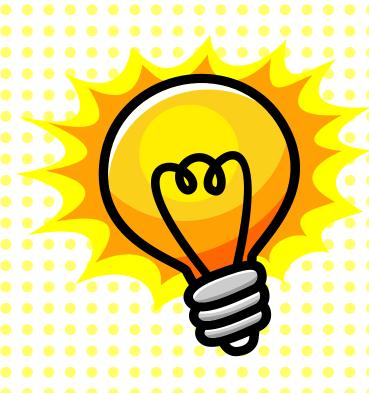
- AcademicAward.Removal
- AssessmentReadiness
- CourseSection.Removal
- FedProg.EnglishLearner
- · FedProg.Homeless
- FedProg.Immigrant
- Finance.BondData
- Finance.FETS
- GoodCauseExemptions
- GraduationOptions
- InactiveEnrollment
- Incident.Removal
- KindergartenEntry
- MsisIdRequest
- ResidentLEASchool
- SummerActivity

9920\_Finance.FETS.xml

View Files

**Upload More Files** 





2<sup>nd</sup> check: Once the file is uploaded, MSIS will review the data in the file to ensure it can be ingested.

Are the data formatted correctly?





Home 🚡

Administration

Data Submission

#### Upload a File

**Submission Status** 

Data Quality Dashboard

Reports

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## 0123\_OptionalText\_MsisIdRequest.csv

LEA Number Optional Text Data Type Name File Format

#### File Name & Size Limits:

- . 50 MB maximum size per file
- . 50 characters maximum filename length

#### Optional Text:

- · May add date, school, or other helpful information
- Alphanumeric characters or underscores only

#### Supported File Formats:

- CSV
- XML





#### Supported Data Type Names:

- AcademicAward.Removal
- AssessmentReadiness
- CourseSection.Removal
- FedProg.EnglishLearner
- · FedProg.Homeless
- FedProg.Immigrant
- Finance.BondData
- Finance.FETS
- GoodCauseExemptions
- GraduationOptions
- InactiveEnrollment
- Incident.Removal
- KindergartenEntry
- MsisIdRequest
- ResidentLEASchool

9920\_Finance.FETS.xml

SummerActivity

View Files

Upload More Files



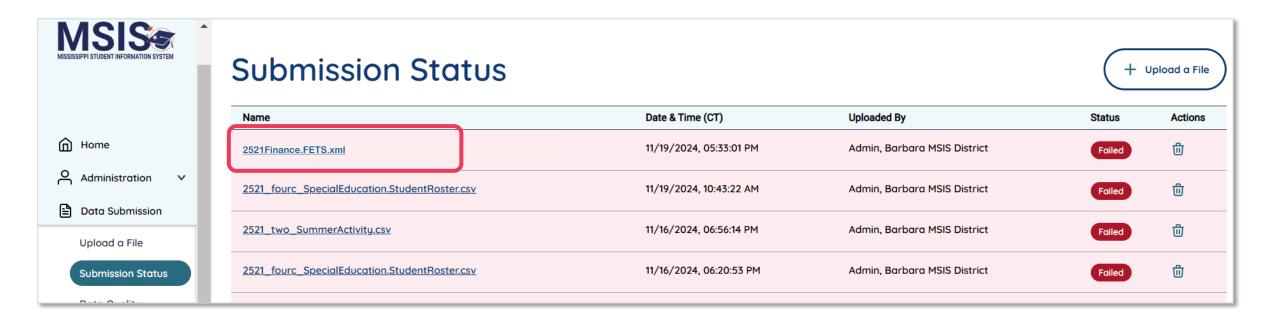
### **STEP**



# **REVIEW** Submission Status page for errors if the upload fails.

Make corrections and re-upload as necessary.









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#### 9920Finance.FETS.XML

Administration

Data Submission

Upload a File

#### **Submission Status**

Data Quality Dashboard

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Accreditation

■ Reports

Students

M Data Input

✓ Provide Feedback

Date Uploaded: Uploaded By: Number of Rows: 03/05/2025 Barbara Young

File Status: Failed

File validation failed. There are errors in your data that need your attention.

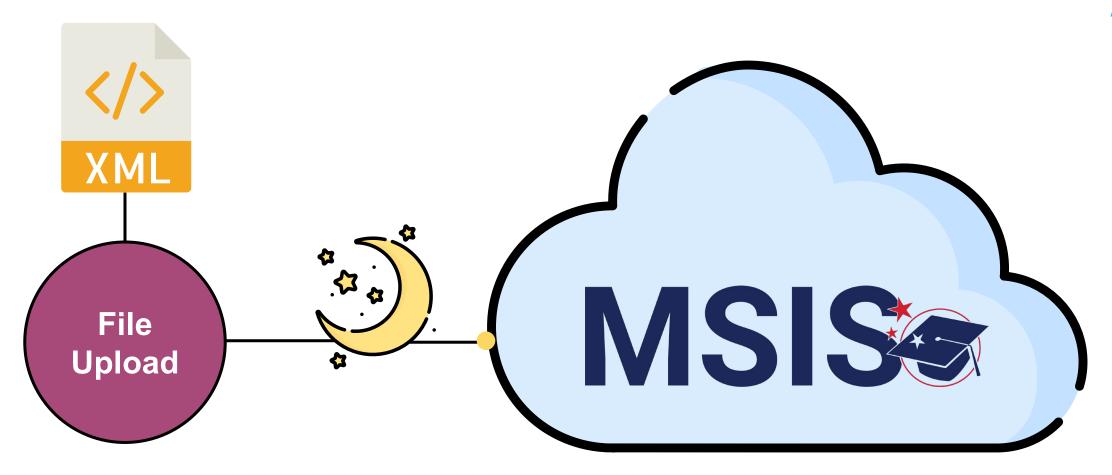
Row II	LEA ID	Error	Resolution	
2	9920	The SCHOOLNUM is blank or invalid.	The School Number is a required field. Ensure the value is a school you have access to and is a 3-c school number, including leading zeros. Example: 001 or 024, and not 9900-001 or 0123-008.	
4	9920	The Schoolld 9920-021 is not found in the LEA 9920	Ensure Schoolld is a school that you have access to and is the 4-digit LEA + 3-digit school ID. Example: 9900-001.	





Make necessary corrections in the financial package and re-export the XML file.





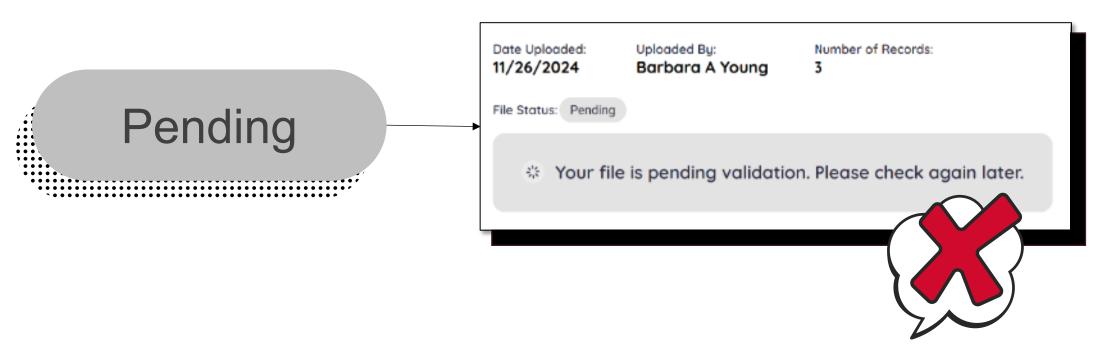


## **Submission Status**

Select start and end dates (within the previous 365 days), then select Apply Filter.

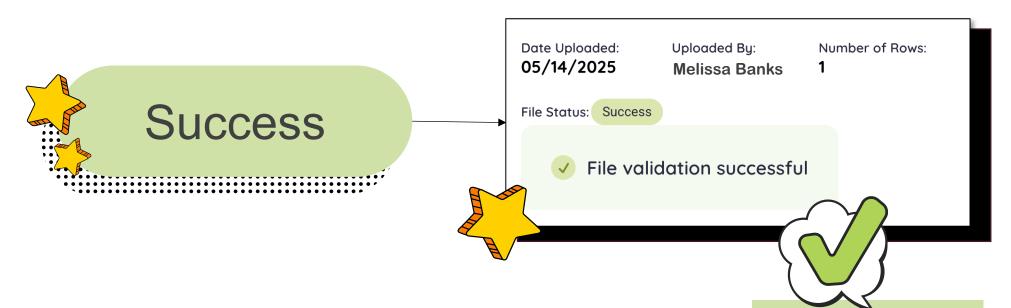
Status Uploaded By					
Select V Enter upload	05/01/2025	- 07/28/2025	Apply Filter Reset Filter	( + Up	load a File
Name		Date & Time (CT)	Uploaded By	Status	Actions
9920ResidentLEASchool.csv		07/15/2025, 08:58:24 AM	Banks, Melissa	Failed	⑪
9920 MsisIdRequest.csv		06/10/2025, 09:16:43 AM	Banks, Melissa	Failed	⑪
9920 xtrasp Staff.Employme	nt.csv	06/06/2025, 05:00:06 AM	Banks, Melissa	Failed	ŵ
9920 xtrarow Staff.Employm	<u>ent.csv</u>	06/06/2025, 04:50:41 AM	Banks, Melissa	Failed	Û
9920 good3 InactiveEnrollme	ent.csv	05/20/2025, 11:36:53 AM	Admin, Barbara MSIS District	Pending	
9920 05062025 InactiveEnrol	lment.csv	05/07/2025, 08:28:59 AM	Admin, Barbara MSIS District	Pending	
9920 05062025 InactiveEnrol	lment.csv	05/06/2025, 02:23:20 PM	Admin, Barbara MSIS District	Pending	
9920 xtrasp Staff.Employmen	ıt.csv	06/10/2025, 09:17:40 AM	Banks, Melissa	Success	
9920MsisIdRequest.csv		05/26/2025, 09:51:02 AM	Banks, Melissa	Success	





DO NOT upload more than one file that contains the same information while the first file is in **Pending status**.





Once the file transitions to **Success status**, users can view the assigned IDs or the IDs that need review on the MSIS ID manual input screen.



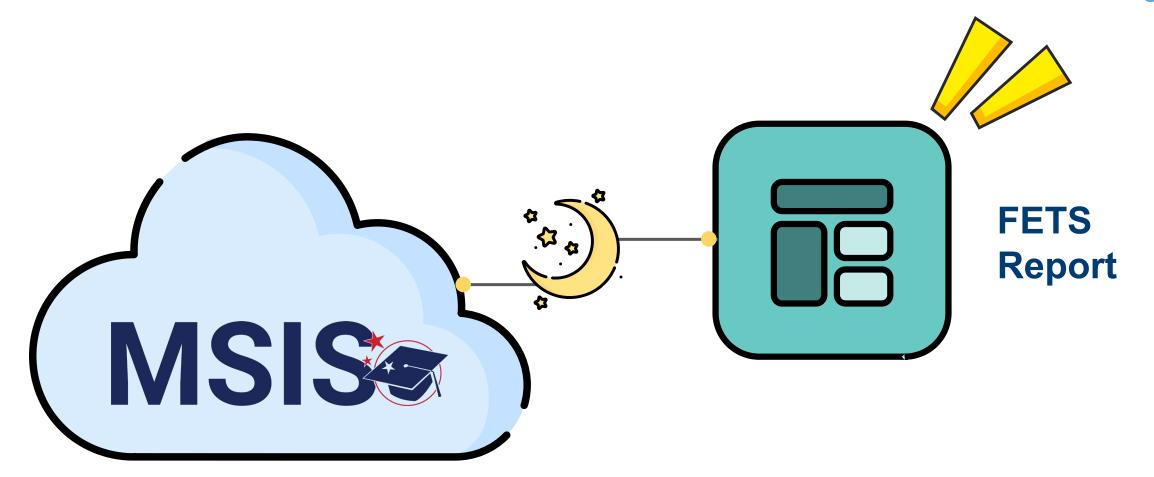
## **STEP**



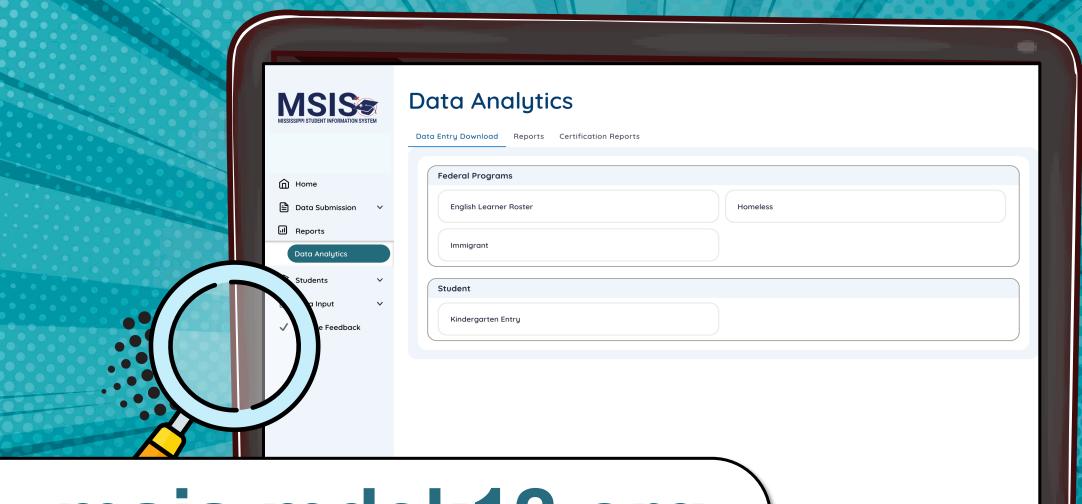
# **REVIEW** the FETS Report for accuracy (after the report refreshes overnight).

Make corrections and re-upload as necessary.

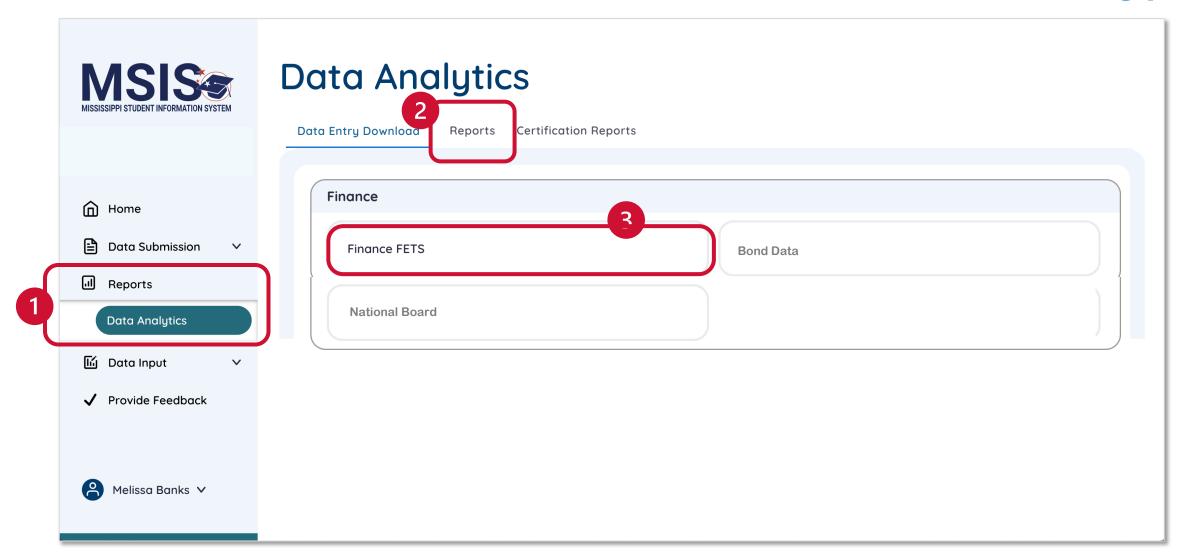




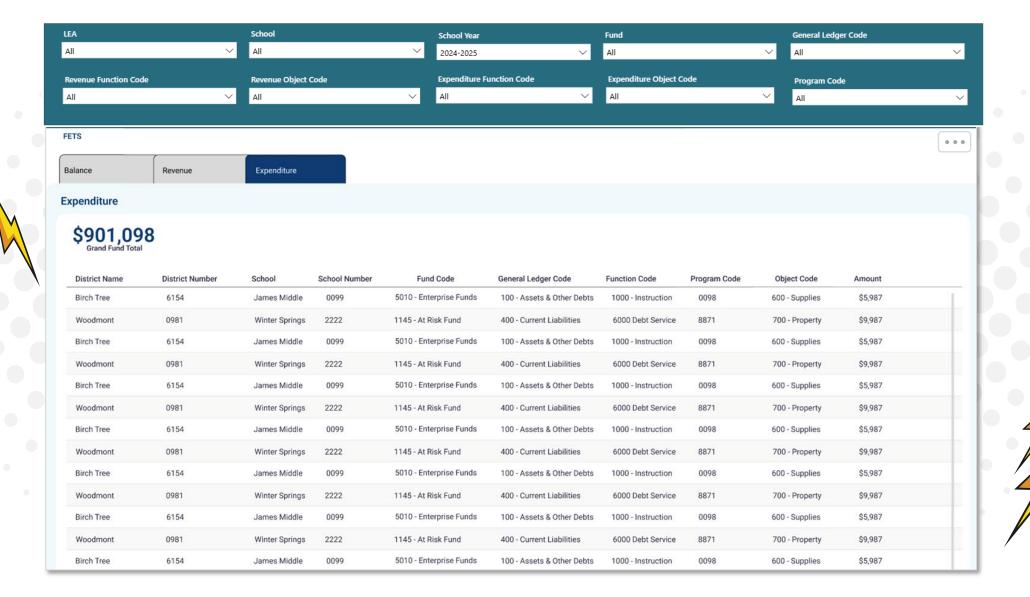




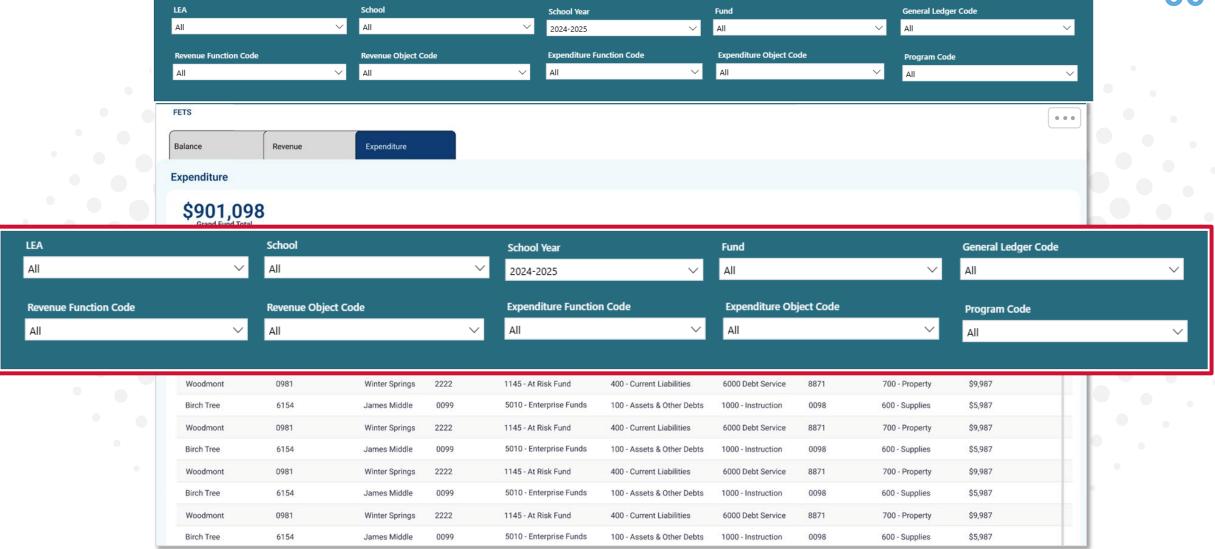
msis.mdek12.org



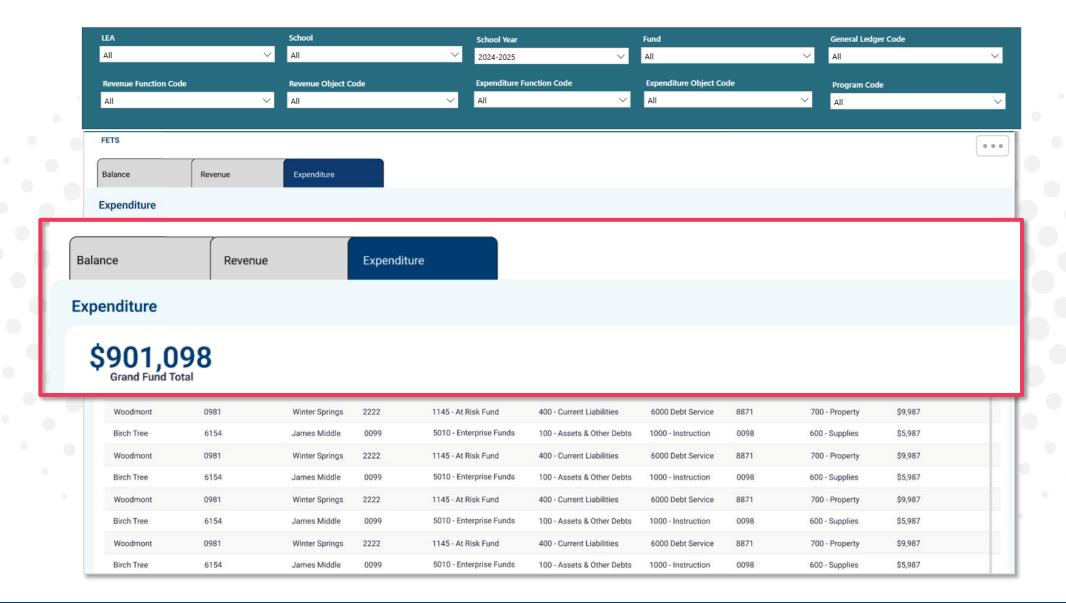




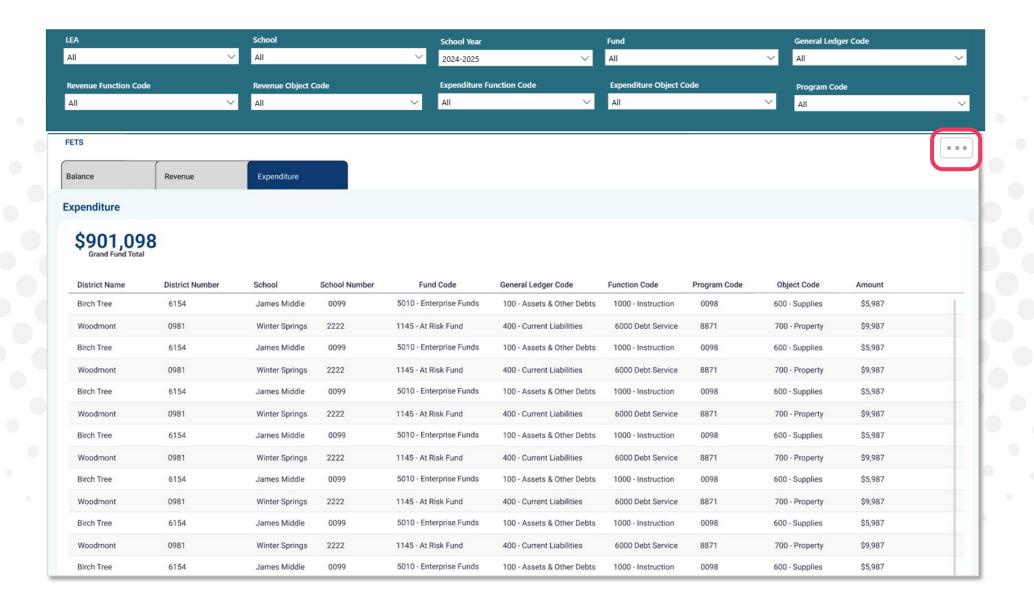




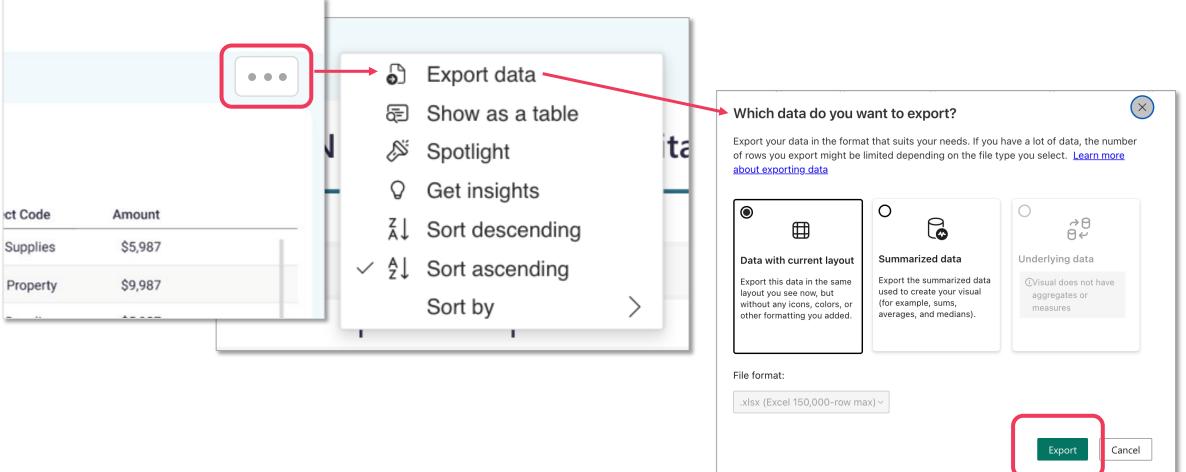












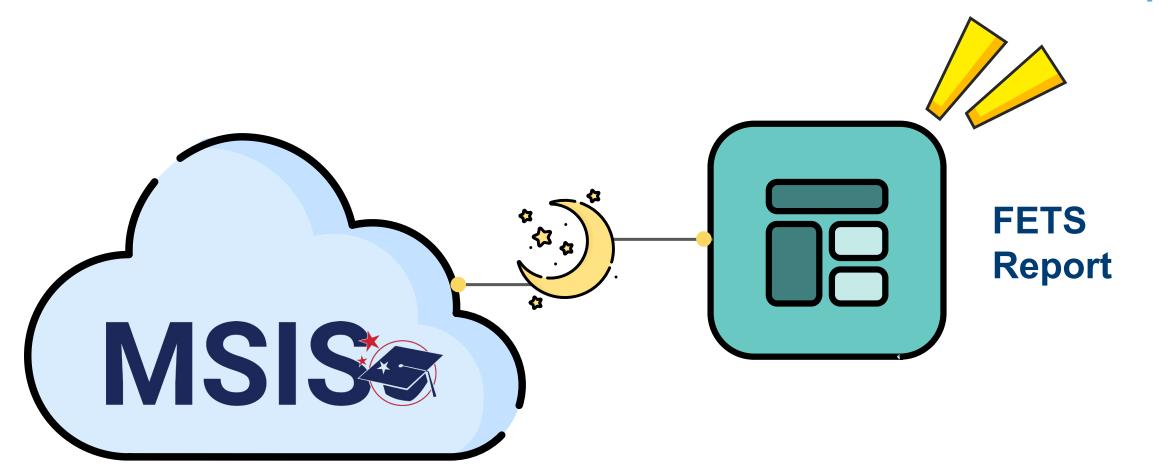
File will save as an Excel spreadsheet





Make necessary corrections in the financial package and re-export the XML file.

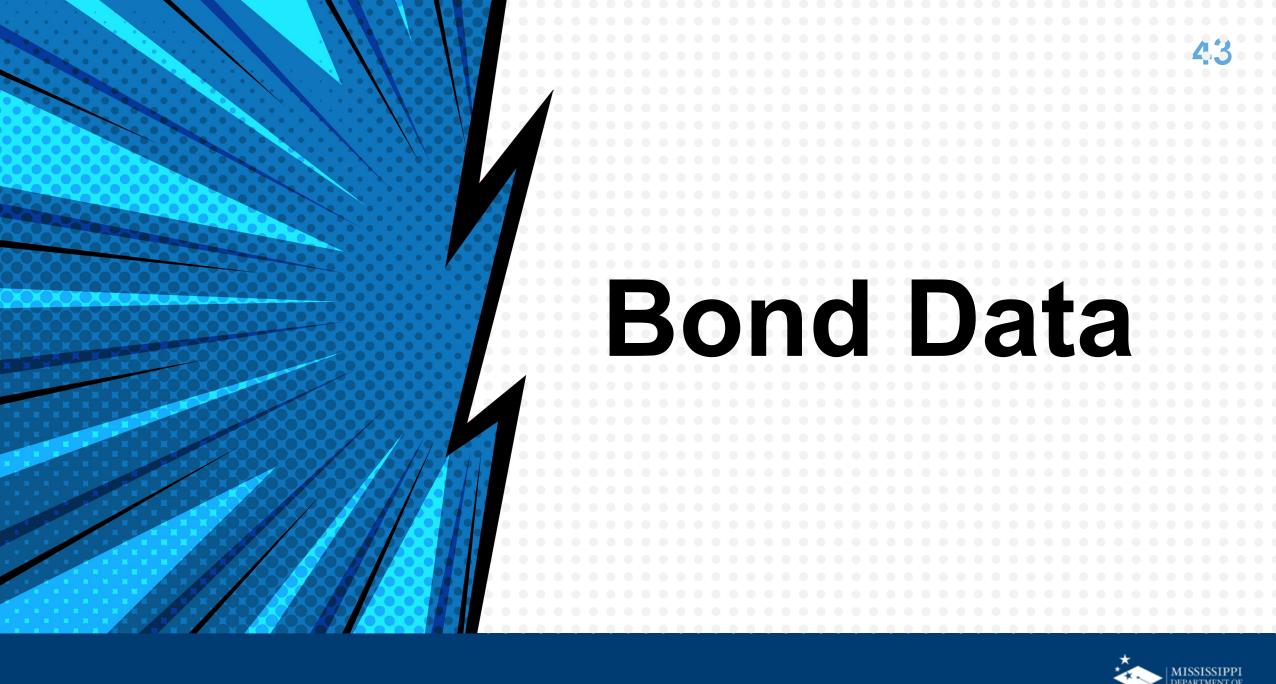




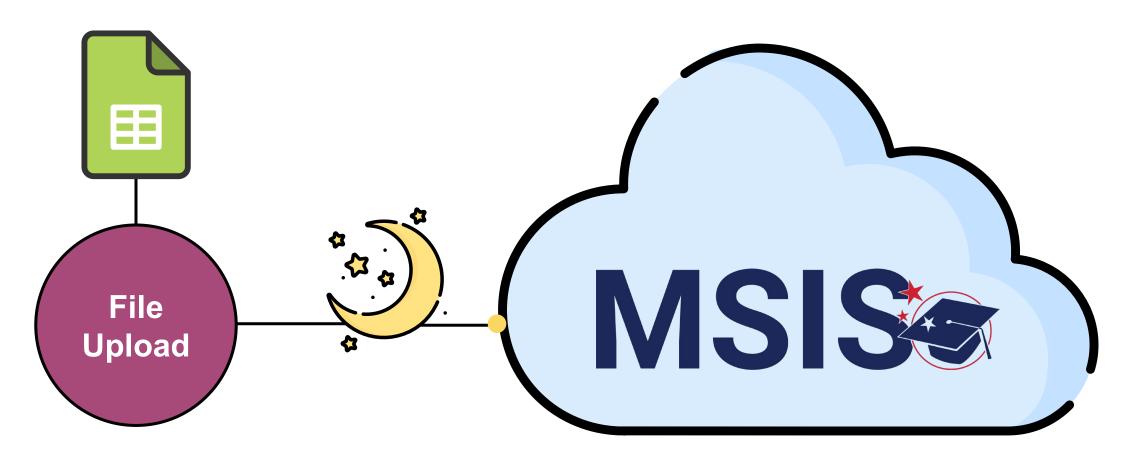














### MSIS Bond Data Collection Process



Download the spreadsheet template



Format the spreadsheet and enter required data





### Upload file to MSIS



**REVIEW** Submission Status page; make edits and reupload file as needed



**REVIEW** Bond Data Report for accuracy; make edits and reupload file as needed



### **STEP**



# DOWNLOAD the spreadsheet template from the MSIS File Layout Templates webpage.







### **MSIS: File Layout Templates**

Below are various file templates used to upload data into MSIS. If you have questions about these templates or need additional support, please submit a ticket to the MSIS Helpdesk by emailing mdeapps@mdek12.org.

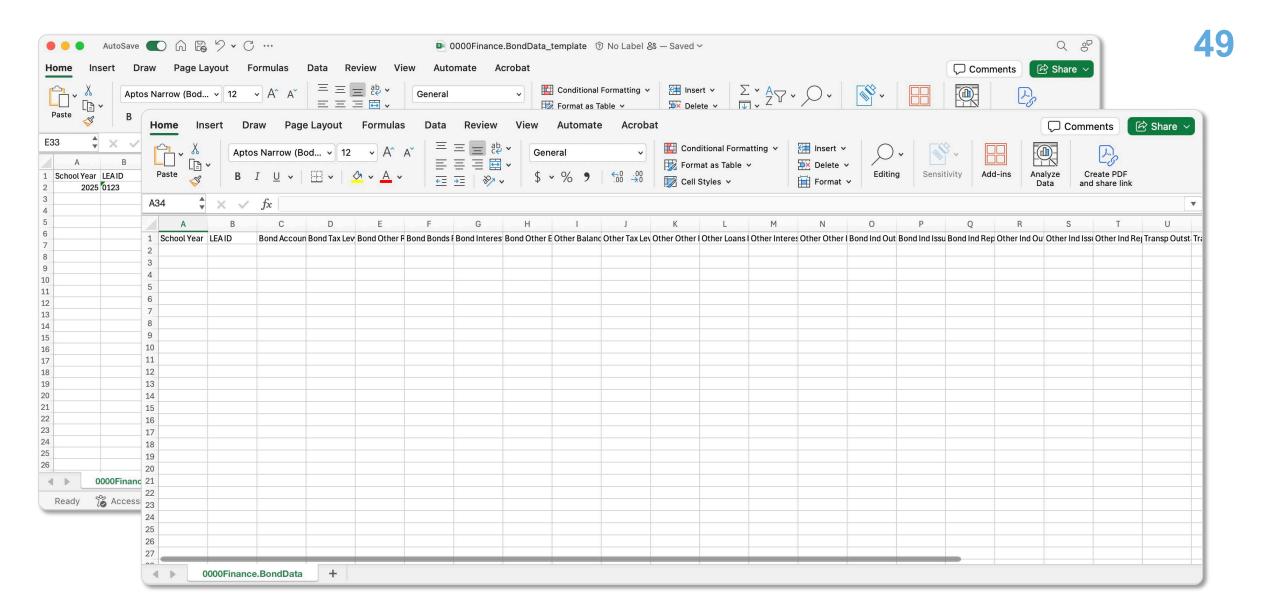
### **Federal Programs**

### Finance

- Bond Data
  - File Layout Example Spreadsheet (XLSX)
  - Finance.BondData Template (CSV)
- FETS
  - Please export the FETS file directly from your financial package.
  - Save the file as ####Finance.FETS.xml (4-digit LEA number, including any leading zeros Ex: 0123Finance.FETS.xml)
  - Review these Troubleshooting Tips to help resolve any errors that may result from the file upload.

### **MSIS ID**







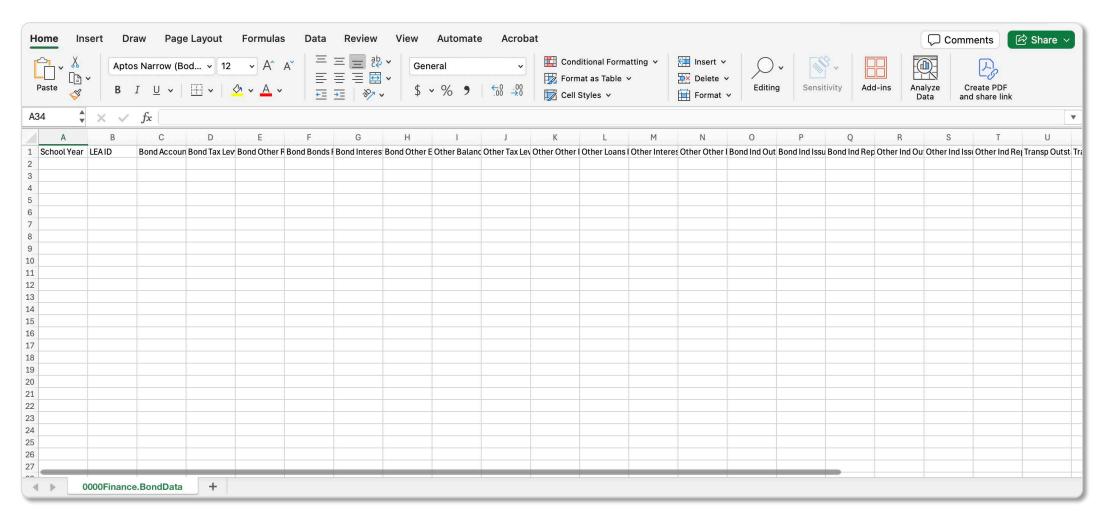
### **STEP**



### Format the spreadsheet and enter required data.









### **School Year**

Last 4-digits of the school year being reported.

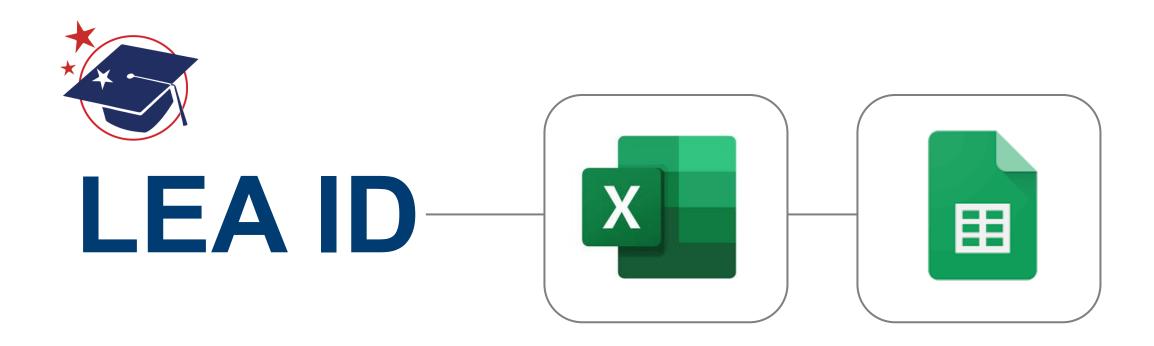
(2025 for the 2024-2025 School Year)

### LEA Id

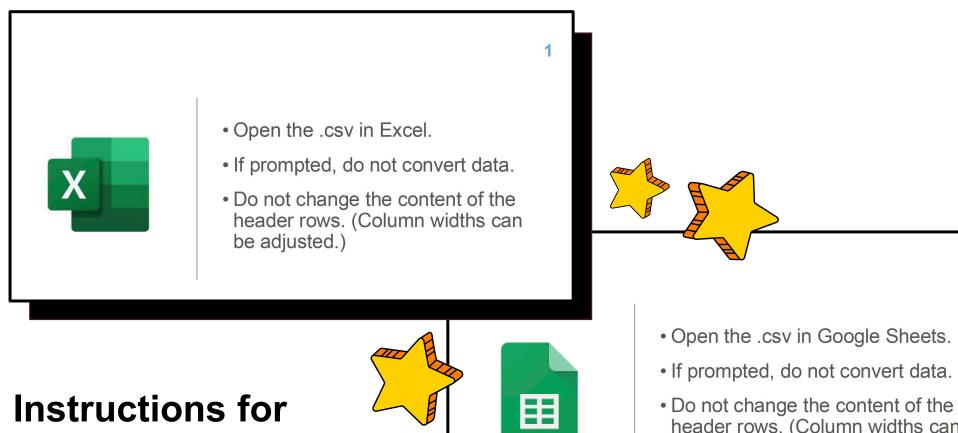
4-digit number
Ensure leading 0's are present.

### All other fields are the same as the Manual Entry screens in Legacy MSIS.









Formatting Cells – **Excel and Sheets** 



- header rows. (Column widths can be adjusted.)



22

### **BOND ACCOUNT** [Columns C – H]

### **Bond Account Balance**

1. Balance on hand (July 1)

### **Bond Tax Levy Collection**

2. Tax Levy Collection

### **Bond Other Receipts**

3. Other Receipts

### **Bond Bonds Redeemed**

9. Bonds Redeemed

### **Bond Interest On Bonds**

10. Interest on Bonds

### **Bond Other Expenditures**

11. Other Expenditures



### **OTHER BORROWED MONEY** [Columns I – N]

### Other Balance July 1

5. Balance on hand (July 1)

### Other Tax Levy Collection

6. Tax Levy Collection

### **Other Other Receipts**

7. Other Receipts

### Other Loans Repaid

14. Loans Repaid

### **Other Interest On Loans**

15. Interest on Loans

### **Other Other Expenditures**

16. Other Expenditures



### **BOND INDEBTEDNESS** [Columns O - Z]

### **Bond Ind Outstanding July 1**

22. Bond Indebtedness Outstanding July 1

### **Bond Ind Issued**

22a. Bond Indebtedness Issued During Period

### **Bond Ind Repaid**

22b. Bond Indebtedness Repaid During Period

### Other Ind Outstanding July 1

23. Other Indebtedness Outstanding July 1

### Other Ind Issued

23a. Other Indebtedness Issued During Period

### Other Ind Repaid

23b. Other Indebtedness Repaid During Period



### **BOND INDEBTEDNESS** [Columns O - Z]

### **Transp Outstanding July 1**

24. Transportation Loans Outstanding July 1

### **Transp Issued**

24a. Transportation Loans Issued During Period

### **Transp Repaid**

24b. Transportation Loans Repaid During Period

### Lease Purchase Outstanding July 1

25. Lease/Purchase Outstanding July 1

### **Lease Purchase Issued**

25a. Lease/Purchase Issued During Period

### Lease Purchase Repaid

25b. Lease/Purchase Repaid During Period



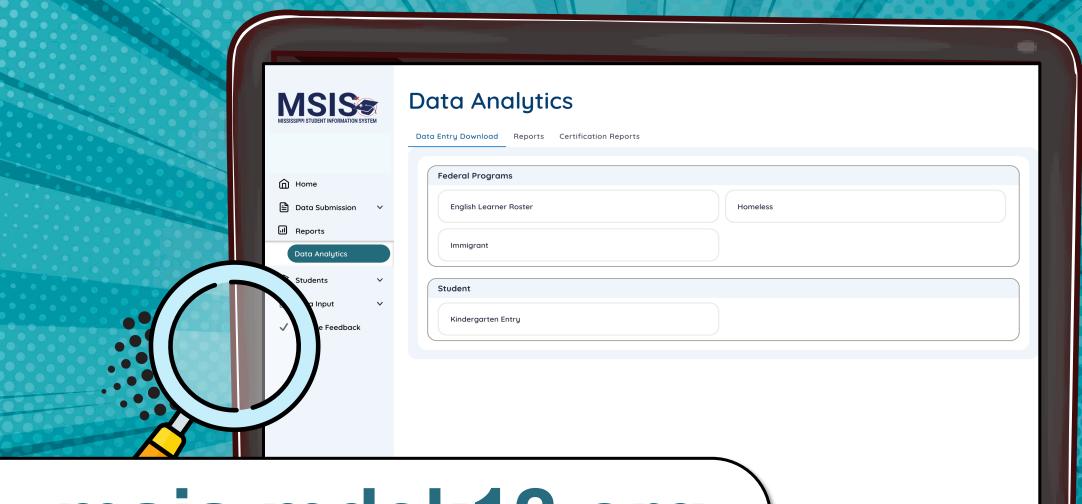
### **STEP**



### UPLOAD the CSV file to MSIS.







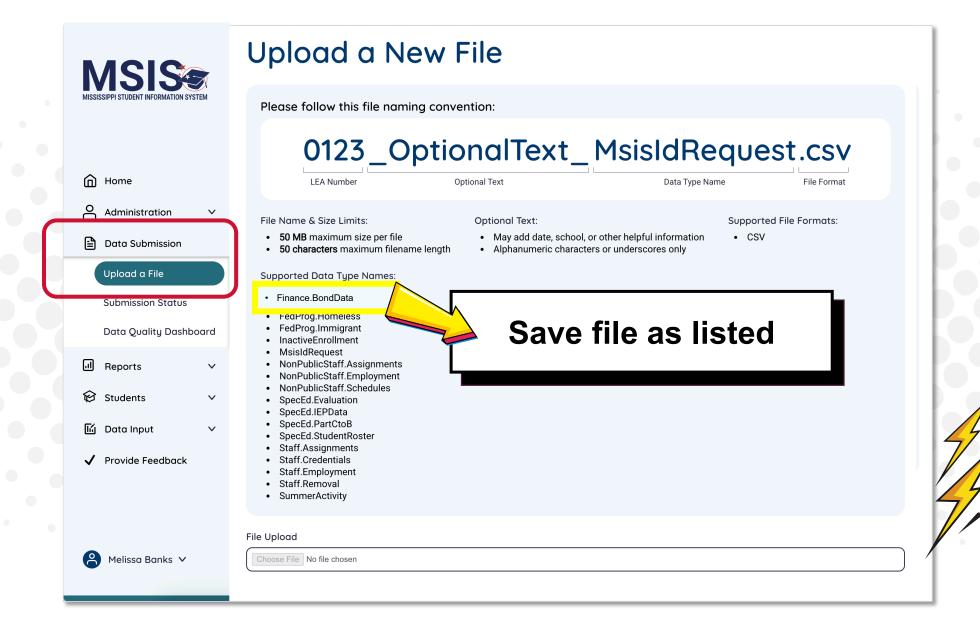
msis.mdek12.org



### **PERMISSION**

### Finance











∩ Home

Administration

Data Submission

### Upload a File

Submission Status

Data Quality Dashboard

Reports

Students v

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### UIZJ\_OPTIONALIMSISIAREQUEST.CSV

LEA Number Optional Text

- 50 MB maximum size per file
- 50 characters maximum filename length

### Optional Text:

- May add date, school, or other helpful information
- · Alphanumeric characters or underscores only

### Supported File Formats:

File Format

CSV

Data Type Name

### Supported Data Type Names:

CourseSection.Removal

File Name & Size Limits:

- FedProg.EnglishLearner
- FedProg.Homeless
- · FedProg.Immigrant
- InactiveEnrollment
- MsisIdRequest
- · NonPublicStaff.Assignments
- NonPublicStaff.Employment
- · NonPublicStaff.Schedules
- SpecEd.Evaluation
- SpecEd.IEPData
- SpecEd.PartCtoB
- · SpecEd.StudentRoster
- Staff.Assignments
- Staff.Credentials
- · Staff.Employment
- Staff.Removal
- SummerActivity





Invalid file type.

Try Again





Administration

Data Submission

### Upload a File

**Submission Status** 

Data Quality Dashboard

Reports

### VIZJ\_OPHOHUHEAL\_Malalunequeat.cav

LEA Number Optional Text Data Type Name File Format

### File Name & Size Limits:

- 50 MB maximum size per file
- 50 characters maximum filename length

### May

Optional Text:

- May add date, school, or other helpful information
- · Alphanumeric characters or underscores only

### Supported File Formats:

CSV

### Supported Data Type Names:

- CourseSection.Removal
- FedProg.EnglishLearner
- FedProg.Homeless
- FedProg.Immigrant
- InactiveEnrollment
- MsisIdRequest
- NonPublicStaff.Assignments
- NonPublicStaff.Employment
- NonPublicStaff.Schedules
- SpecEd.Evaluation
- SpecEd.IEPData
- SpecEd.PartCtoB
- SpecEd.StudentRoster
- · Staff.Assignments
- · Staff.Credentials
- · Staff.Employment
- Staff.Removal
- SummerActivity





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9920\_Finance.BondData.csv

**View Files** 

**Upload More Files** 



✓ Completed

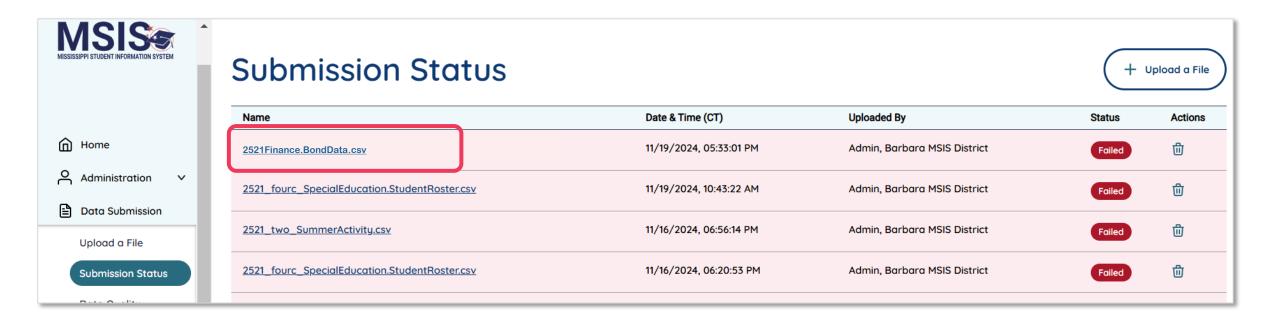
### **STEP**



## **REVIEW** Submission Status page for errors if the upload fails.

Make corrections and re-upload as necessary.









< Back

### 9920Finance.BondData.csv

Date Uploaded: 03/05/2025

Uploaded By: Number of Rows: **Barbara Young** 8

03/03/

 $\vee$ 

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File Status: Failed

Data Submission

Administration

Upload a File

### **Submission Status**

Data Quality Dashboard

Accreditation

■ Reports

Students

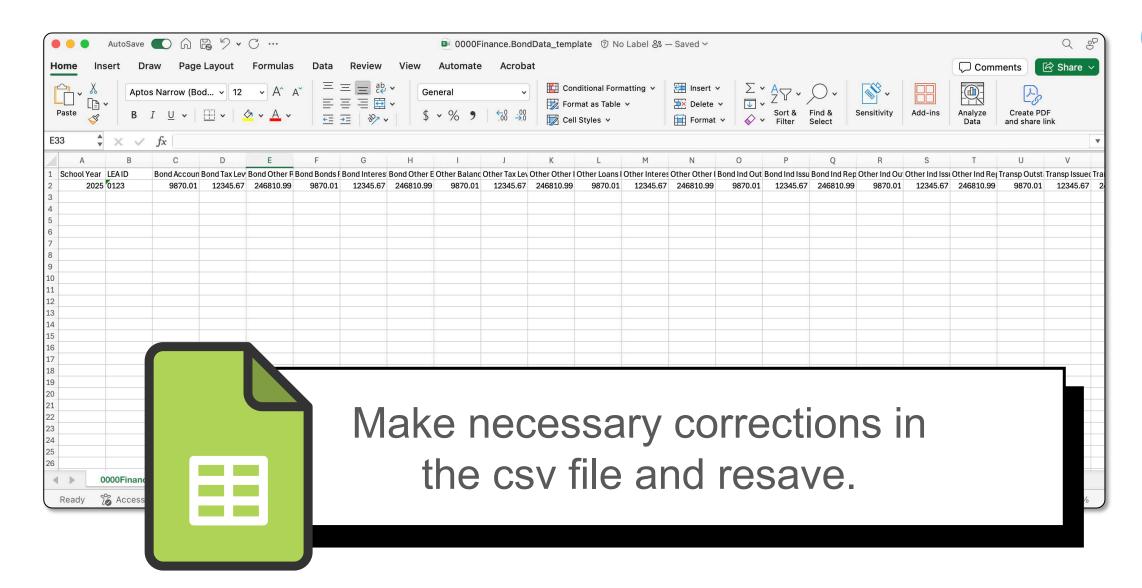
□ Data Input

✓ Provide Feedback

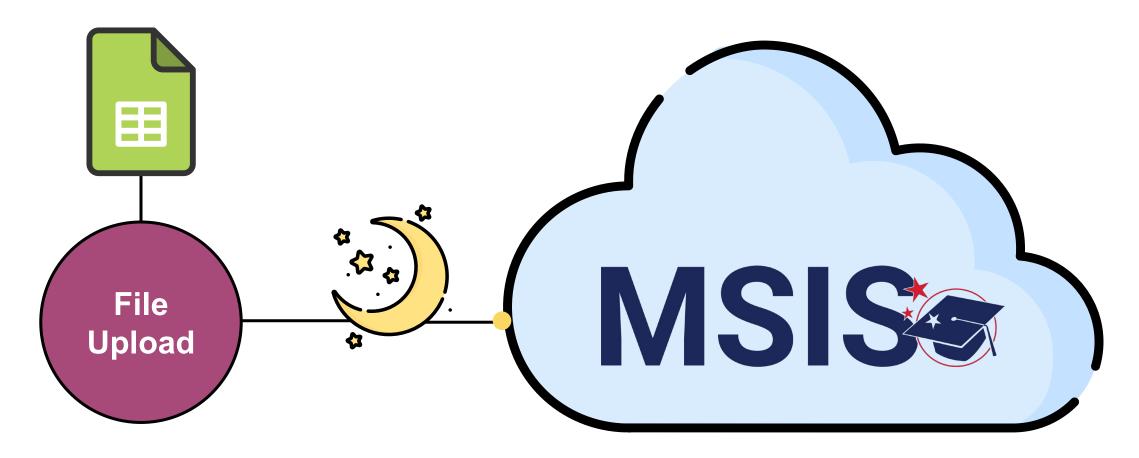
File validation failed. There are errors in your data that need your attention.

Row ID	LEA ID	Error	Resolution
2	9920	The School Year is blank or invalid.	The School Year is a required field. Ensure the value is the last year of the School Year like 2025 instead of 2024-2025.
4	9920	The LEA ID is blank or invalid.	Please ensure the LEA ID is a 4 digit value and includes leading zeros. Ensure the LEA is an LEA you have access to and is 4 digits. Example: 0099 or 0100 and not 100 or 99.
4	9920	The Bond_Balance_July1 value is optional.	Please enter a value for Bond Account Balance. The value may be blank. Use only numbers and up to 2 decimal places.
6	9920	The Other_Balance_July1 value is optional.	Please enter a value for Other_Balance_July1. The value may be blank. Use only numbers and up to 2 decimal places.
8	9920	The LeasePurchase_Issued value is optional.	Please enter a value for LeasePurchase_Issued . The value may be blank. Use only numbers and up to 2 decimal places.









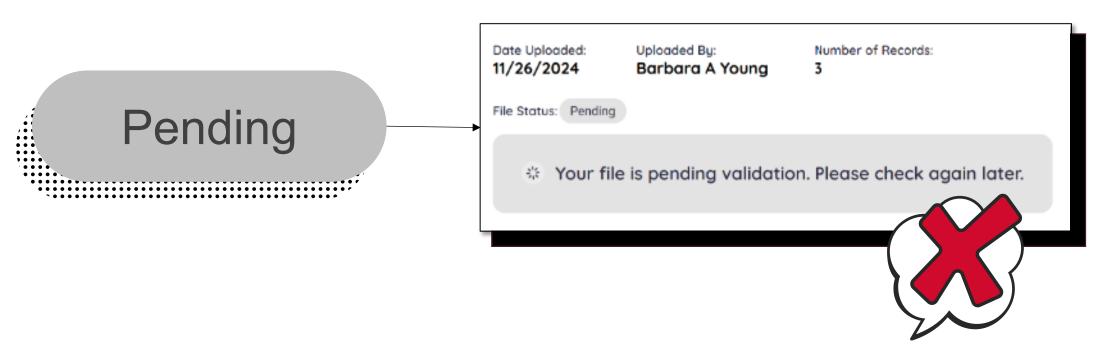


### **Submission Status**

Select start and end dates (within the previous 365 days), then select Apply Filter.

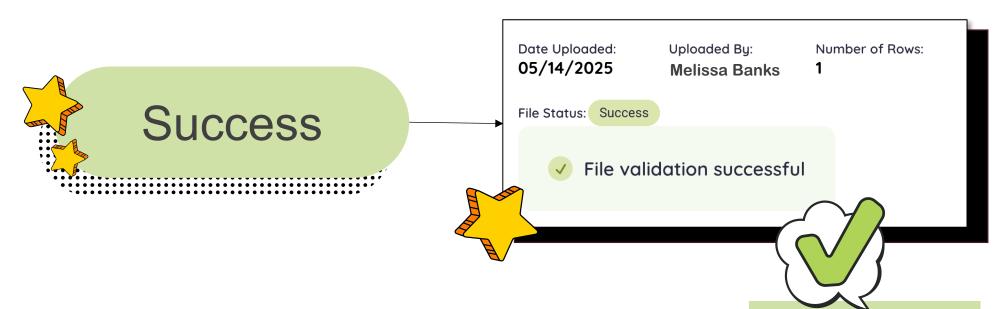
Status Uploaded By					
Select V Enter upload	05/01/2025	- 07/28/2025	Apply Filter Reset Filter	( + Up	load a File
Name		Date & Time (CT)	Uploaded By	Status	Actions
9920ResidentLEASchool.csv		07/15/2025, 08:58:24 AM	Banks, Melissa	Failed	⑪
9920 MsisIdRequest.csv		06/10/2025, 09:16:43 AM	Banks, Melissa	Failed	⑪
9920 xtrasp Staff.Employme	nt.csv	06/06/2025, 05:00:06 AM	Banks, Melissa	Failed	ŵ
9920 xtrarow Staff.Employm	<u>ent.csv</u>	06/06/2025, 04:50:41 AM	Banks, Melissa	Failed	Û
9920 good3 InactiveEnrollme	ent.csv	05/20/2025, 11:36:53 AM	Admin, Barbara MSIS District	Pending	
9920 05062025 InactiveEnrol	lment.csv	05/07/2025, 08:28:59 AM	Admin, Barbara MSIS District	Pending	
9920 05062025 InactiveEnrol	lment.csv	05/06/2025, 02:23:20 PM	Admin, Barbara MSIS District	Pending	
9920 xtrasp Staff.Employmen	ıt.csv	06/10/2025, 09:17:40 AM	Banks, Melissa	Success	
9920MsisIdRequest.csv		05/26/2025, 09:51:02 AM	Banks, Melissa	Success	





DO NOT upload more than one file that contains the same information while the first file is in **Pending status**.





Once the file transitions to **Success status**, users can view the assigned IDs or the IDs that need review on the MSIS ID manual input screen.



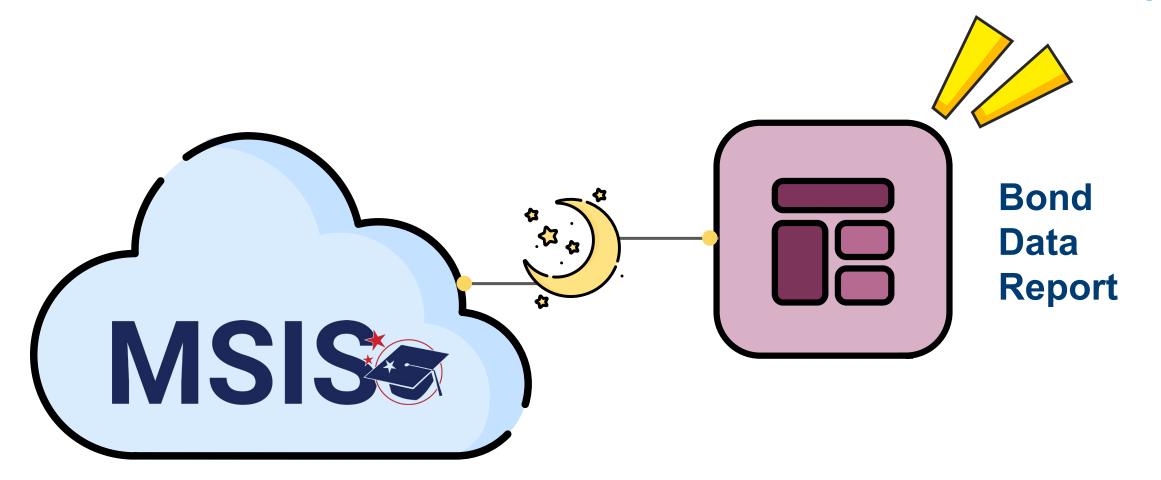
#### **STEP**



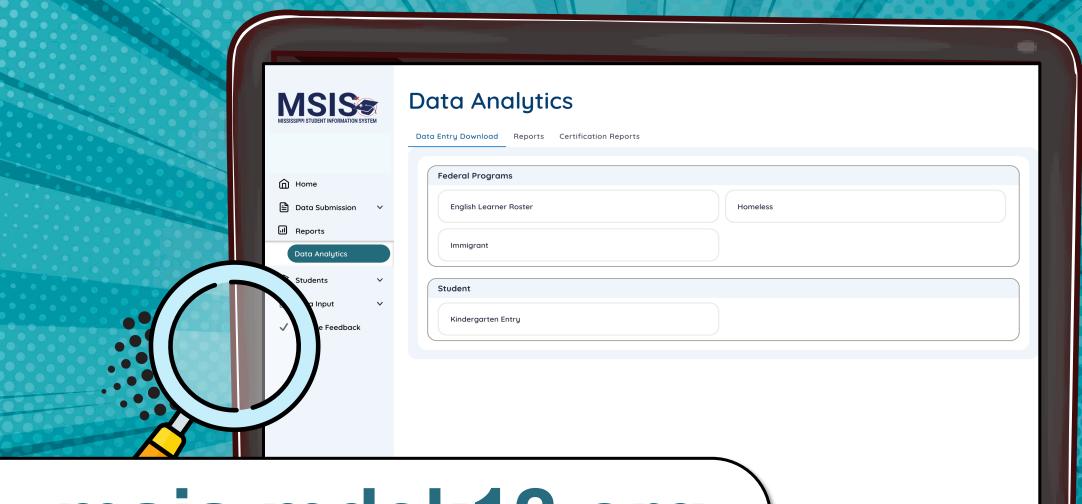
# **REVIEW** the Bond Data Report for accuracy (after the report refreshes overnight).

Make corrections and re-upload as necessary.

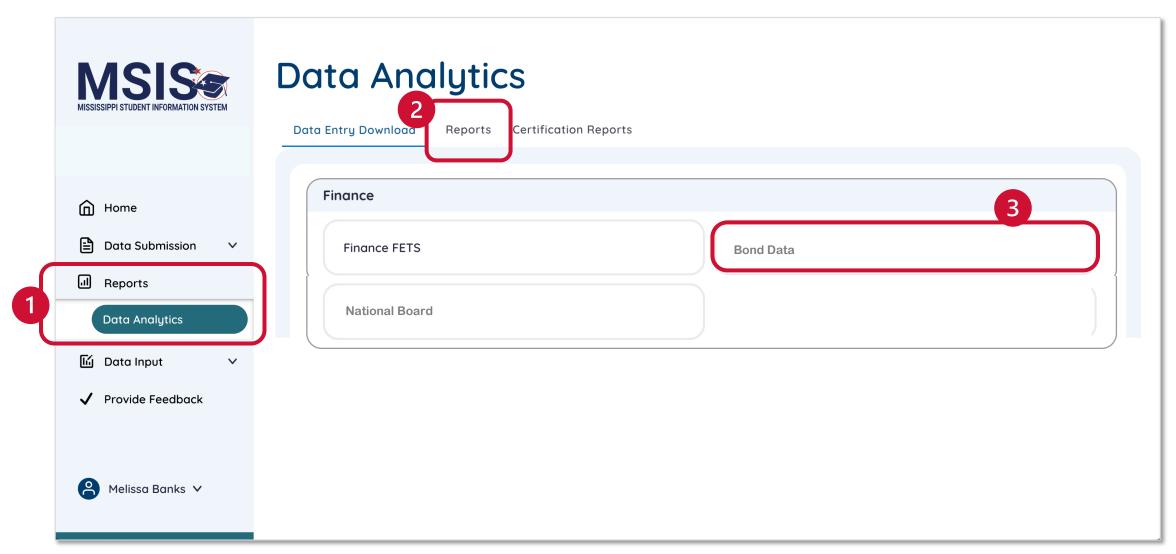




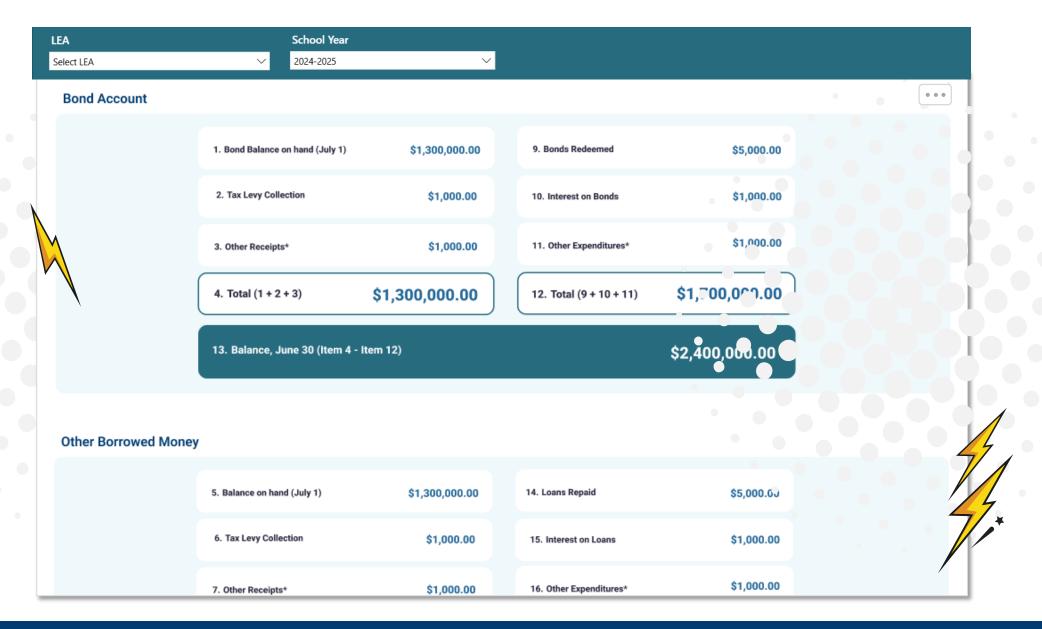




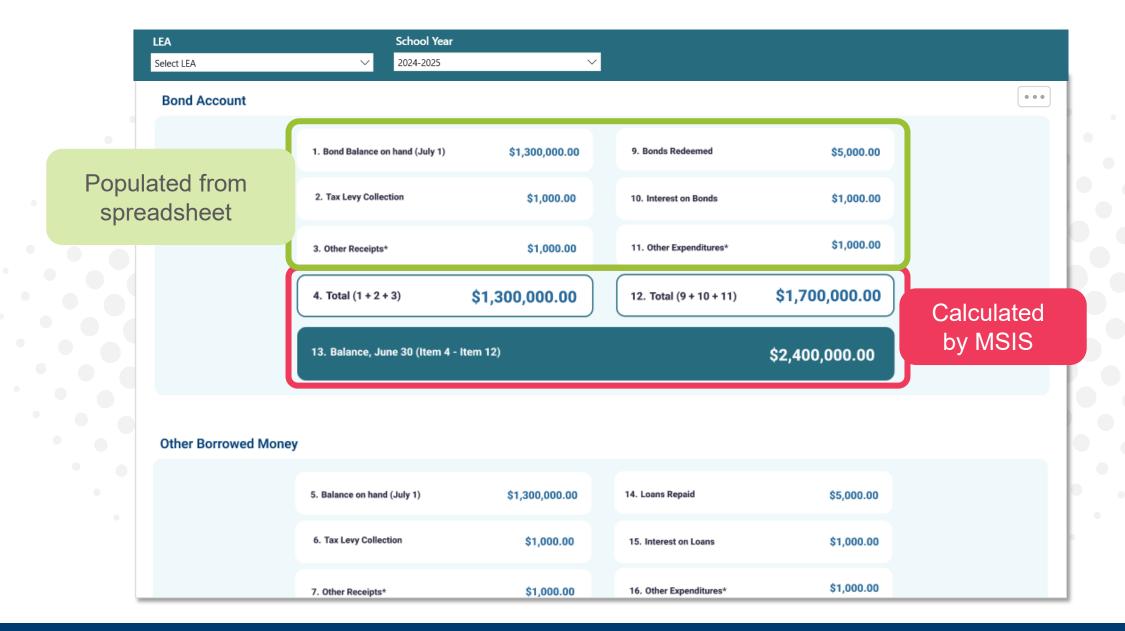
msis.mdek12.org



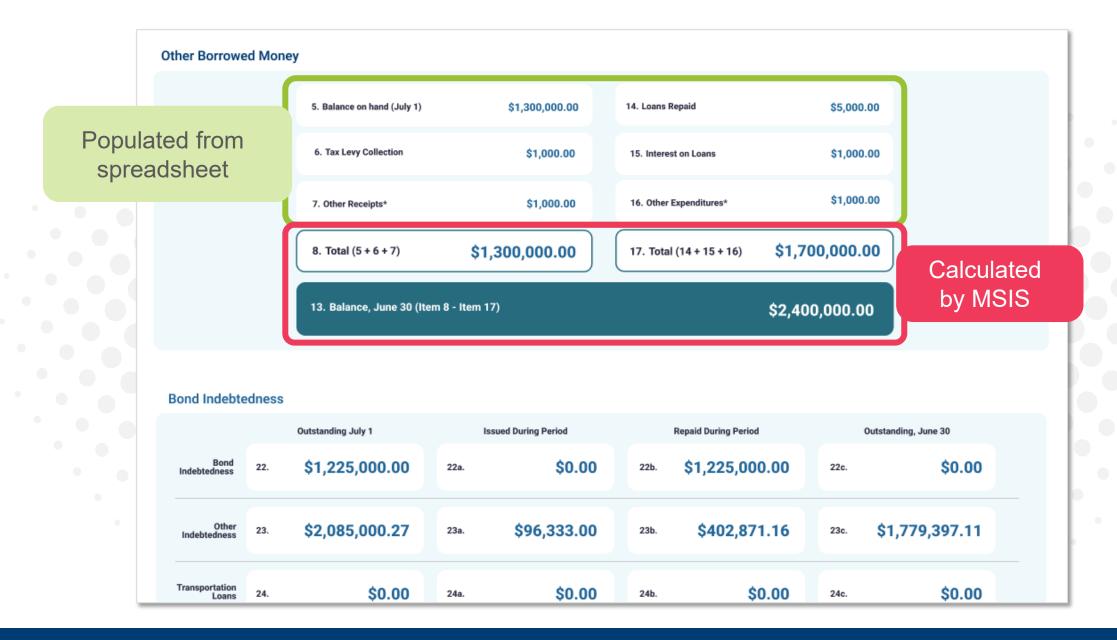




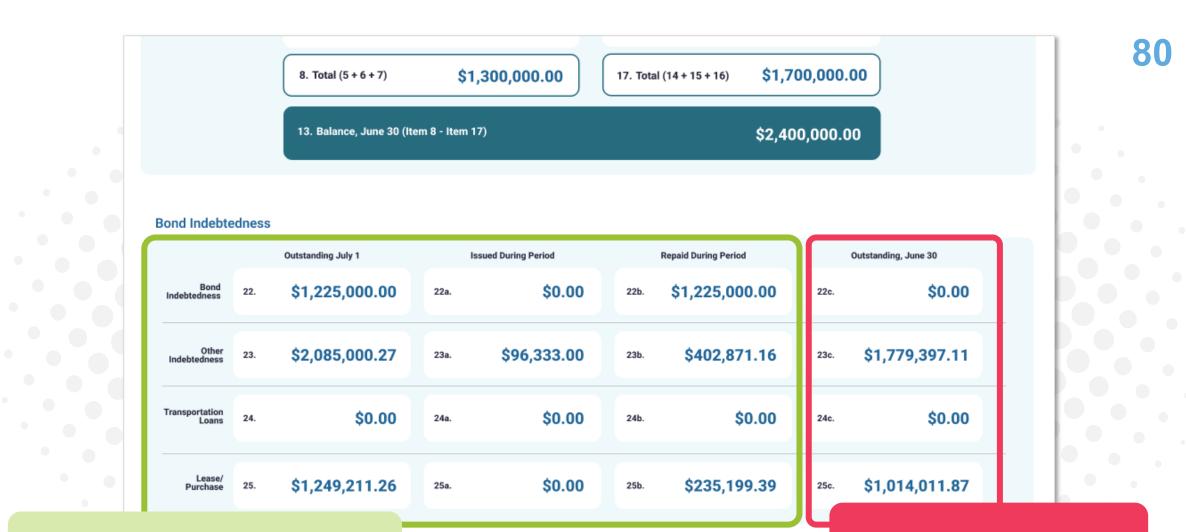








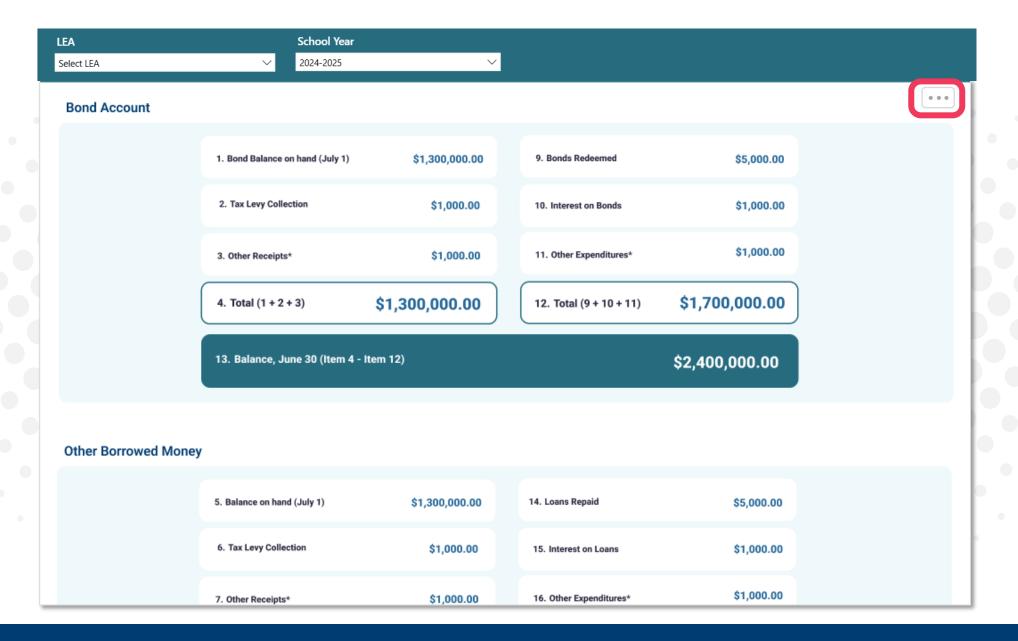




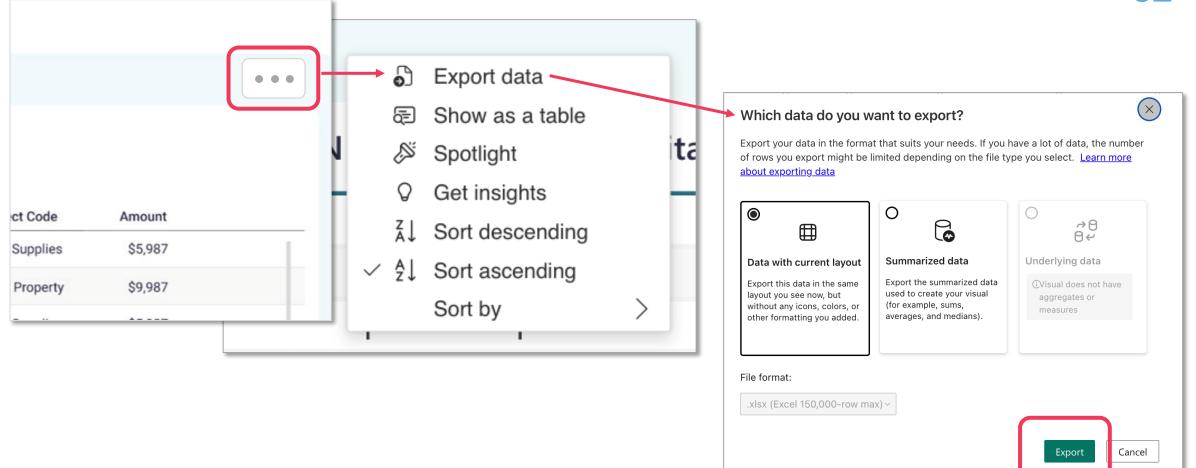
Populated from spreadsheet

Calculated by MSIS



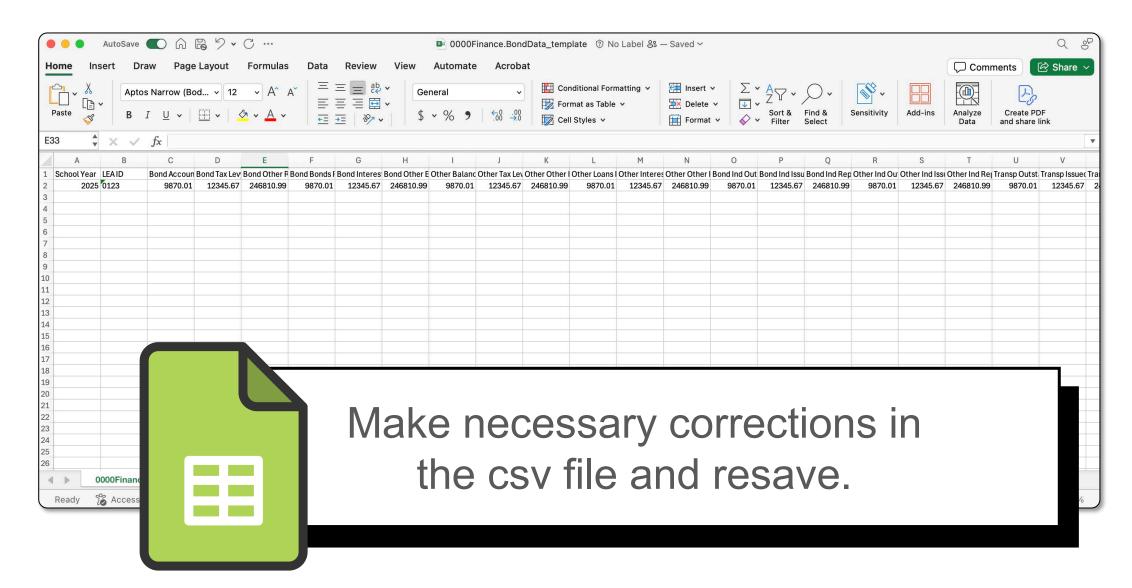




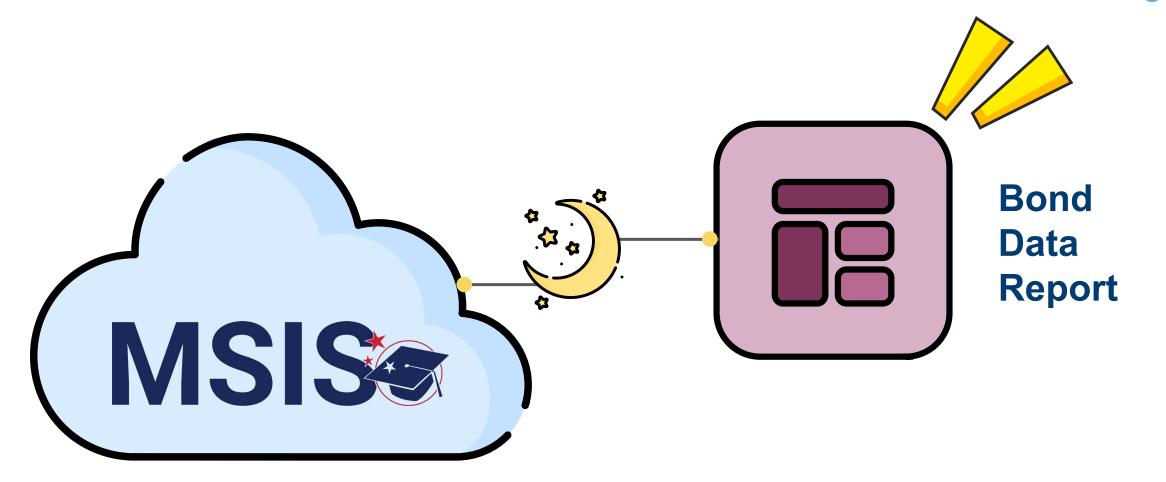


File will save as an Excel spreadsheet















# Data Quality + Deadlines





#### **STEP**



# **REVIEW Data Quality Dashboard for any errors.**

Errors must be corrected before districts can certify data.

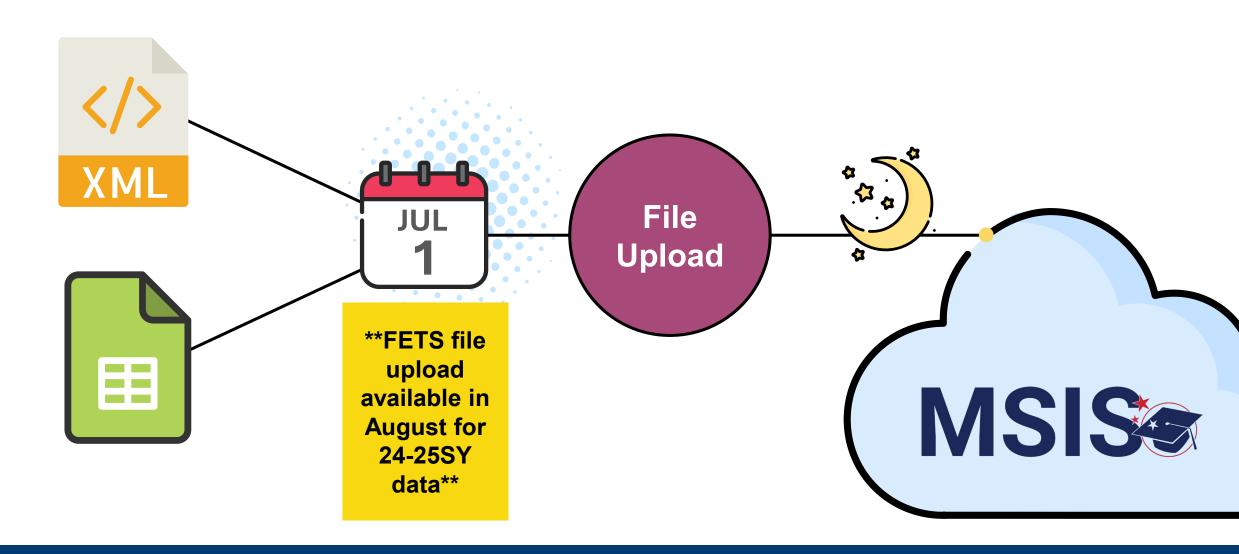




## **PERMISSION**

# Finance





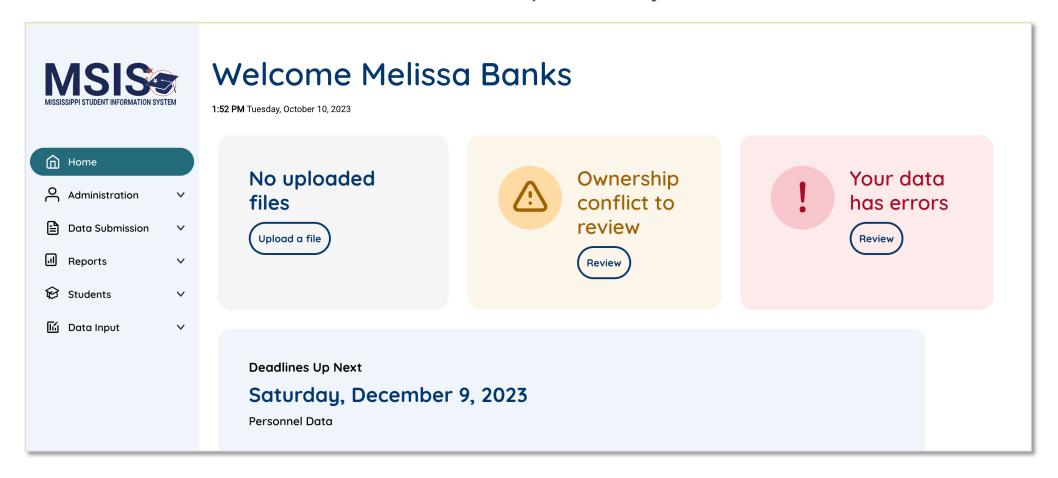




FINAL CHECK: Once MSIS has ingested the data, it will check the data against business rules that night.



MSIS Staff reviews dashboards and reports daily to check for errors





## MSISSISPI STUDENT INFORMATION SYSTEM

#### **Test District Name**

	Home	
۵	Administration	~
	Data Submission	~
a	Reports	~
€	Students	~
<u></u>	Data Input	~







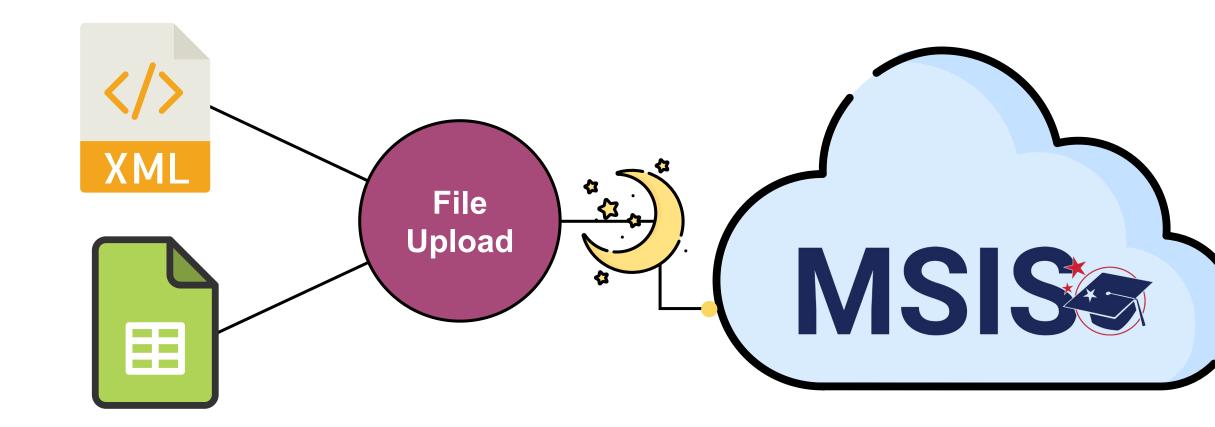


#### DATA QUALITY DASHBOARD: FINANCE

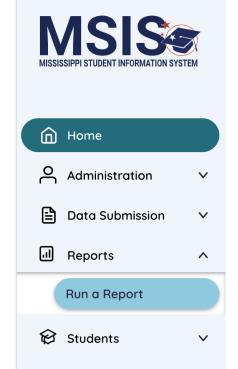
Business Rule	Error/ Warning	Tab Name	Description	Resolution
Revenue Function Code	Error	Revenue Function Code	Revenue Function code not found or inactive.	Verify the function code is correct and active. Refer to the Accounting Manual for the valid list.
Expenditure Function Code	Error	Expenditure Function Code	Expenditure Function code not found or inactive.	Verify the function code is correct and active. Refer to the Accounting Manual for the valid list.
Valid Fund Code	Error	Valid Fund Code	Fund code not found or invalid.	Verify the fund code is correct and active. Refer to the Accounting Manual for the valid list.
School 200 or 500	Error	School 200 or 500	School numbers 200 and 500 are not valid for FETS transactions	Ensure that Schools 200 and 500 are not assigned to FETS transactions in your system.
Expenditure Object Code	Error	Expenditure Object Code	Object code not found or invalid.	Verify the object code is correct and active in your system.
Revenue Object Code	Error	Revenue Object Code	Object code not found or invalid.	Verify the object code is correct and active in your system.
Fund Requires School	Error	Fund Requires School	A school number is required for the submitted expenditure fund code.	A school number is required for all expenditures for federal program funds.  Verify that a school number is provided.
Fund Code Required	Error	Fund Code Required	A fund number is required when General Ledger Code is between 741 and 751.	Ensure that a fund code is entered for General Ledger Codes 741-751.
Expenditure Amount	Error	Expenditure Amount	Amount must be positive number for expenditures.	Ensure that the amount is positive for all expenditure entries.
Fund Number & GL Code Amount	Error	Fund Number & GL Code Amount	Amount must be equal to or greater than one (1).	Ensure the amount is equal to or greater than one (1).
Function Code Required	Error	Function Code Required	A function code is required when General Ledger Code is between 741 and 751.	Ensure that a function code is entered for General Ledger Codes 741-751.

# Data Quality Dashboard: Finance









#### Welcome Melissa Banks

9:56 PM Monday, October 16, 2023

#### No uploaded files

(Upload a file

**Deadlines Up Next** 

Friday, December 15, 2023

Personnel Data









### **FETS & Bond Data**

- Clear all errors
- Check the accuracy of FETS and Bond Data Reports





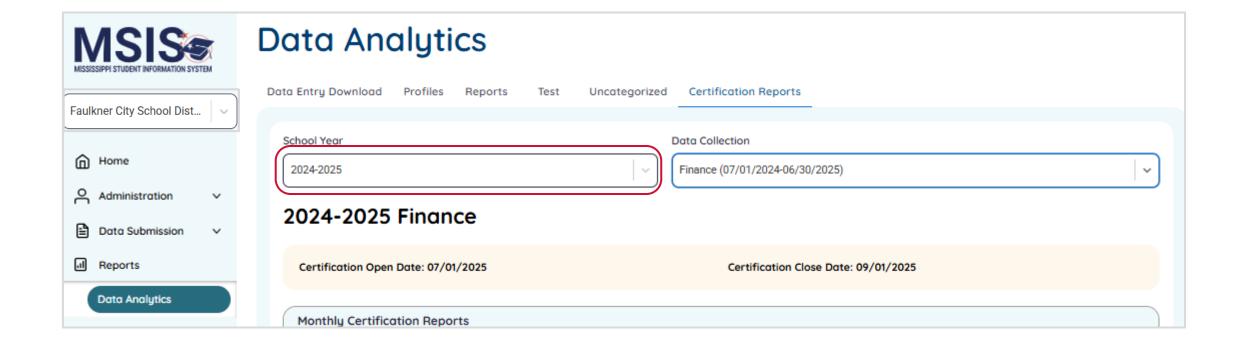
### **PERMISSION**

FETS & Bond Data, National Board

# Finance + Certify



#### Remember to select the previous School Year.





MSIS Overview 100

Contents

**MSIS Login** 

**Resource Library** 

File Layout Templates

**Reporting Calendar** 

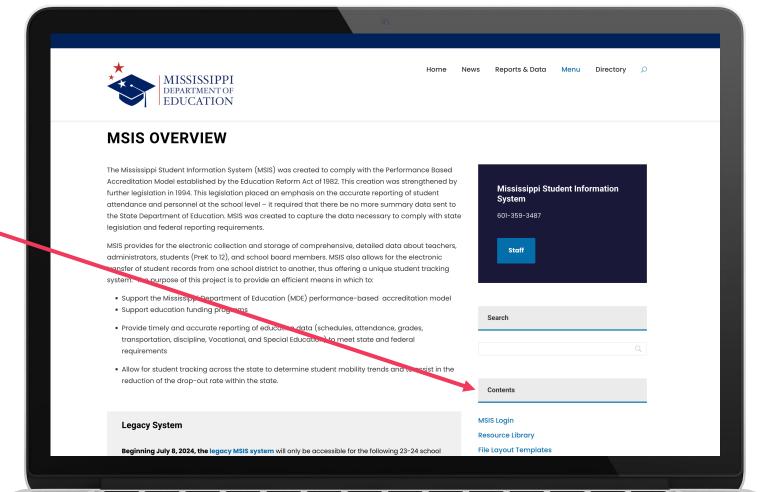
**Security Documents** 

Help Desk

Training

**Accreditation Standards** 

**Vendor Resources** 





## **MSIS Team**

msis2@mdek12.org



mdek12.org



