

MOSIS – Data Collection Component

**Melissa Bardwell
Leigh Ann Grant-Engle
Mary Corey**

September 28-29, 2015



Agenda

- Overview
- Requesting Access
- Website
- Accessing MOSIS Data Collection
- Basic Steps, File Layouts and Business Rules
- FRL Data Usage

MOSIS Data Collection Overview

- ❑ MOSIS - Missouri Student Information System
- ❑ Designed to help DESE better meet the needs for high quality data for decision making and for state and federal reporting.
- ❑ Replaces aggregate data collections manually entered onto Core Data screens with a record-level collection that allows districts to submit, clean, and certify data reported to the Department.
- ❑ Data are collected in 6 cycles throughout the school year with additional collections for precoding for state assessments. The data collected is used for populating the Core Data System, state and federal reporting, accountability, and funding purposes.
- ❑ The goal is to collect the data once and use them many times, by many people, for many purposes.

MOSIS DATA COLLECTION SYSTEM

CYCLE	COLLECTION	DUE BY
August	Student Enrollment and Attendance	August 15
October	Student Core	October 15
	Educator Core	
	Educator School	
	Course Assignment	
	Student Assignment	
December	Student Core	December 15
February	Student Core	February 15
	Graduate Follow-Up	
April	Student Core	April 30
June	Student Core	June 30
	Student Enrollment and Attendance	
	Student Discipline Incident	
	Summer Course Assignment	
	Summer Student Assignment	
	Student Course Completion	
	Referrals	
	Career Technical Student Organization (CTSO)	
June	June ID Cleanup	TBD
Throughout Year	Assessment Pre-Code- http://dese.mo.gov/data-system-management/core-datamosis/timelines#assessprecode	

Overview

Core Data

- ❑ Web based data collection system
- ❑ Collected in 5 cycles throughout the year
- ❑ About half of the screens are still manual entry, while the other half are populated from Certified MOSIS Trials in the MOSIS Data Collection System

Core Data Screen	Data Collection Cycle (bolded screens have items populated by MOSIS)
Screen 02	District Data (August, October Cycle)
Screen 02A	Charter Board Members (August Cycle)
Screen 03	District Contact Personnel (August Cycle)
Screen 04	District Directory (August Cycle)
Screen 06	District Tax Data (August Cycle)
Screen 07	Library Media Center (June Cycle) – DISCONTINUED
Screen 08	Attendance Center (August, February, June Cycles)
Screen 09	Discipline Incidents (June Cycle)
Screen 10/10A	School Calendar (August, June Cycles)
Screen 11	Special Education Placement Counts by Age (December Cycle)
Screen 12	Special Education Exiter Counts by Age (June Cycle)
Screen 13	Secondary Headcount (June Cycle)
Screen 14	Attendance (June Cycle)
Screen 14A	Resident II Attendance (June Cycle)
Screen 14B	Resident II Grade Point Average (June Cycle)
Screen 15	Home School/Free and Reduced Lunch (February Cycle)
Screen 16	Enrollment, Membership and Summer School (August, October, February Cycles)
Screen 17	Physical Fitness Assessment (June Cycle)
Screen 18 /18A	Educator Data (October Cycle)/Educator Evaluation (June Cycle)
Screen 19	Professional Development (June Cycle) – DISCONTINUED
Screen 20	Course and Assignment Data (October Cycle)
Screen 21	Educator Vacancy (October Cycle)
Screen 22	Sending School Courses and Enrollment (October Cycle)
Screen 24	Summer School Courses and Enrollment (June Cycle)
Screen 25	Gifted Education (October Cycle)
Screen 26	Career Education Follow-up (February Cycle)
Screen 27	Career Education Follow-up Sending School (February Cycle)
Screen 29	Post Secondary Adult Follow-up (February Cycle)
Screen 30	District Level Census of Technology (April Cycle) – DISCONTINUED
Screen 31	Building Level Census of Technology (April Cycle) – DISCONTINUED
Screen 35	December 31 Fund Balance (February Cycle)

MOSIS District Level Access

- ❑ Request access through your District's User Manager.
 - ❑ MOSIS Data Collection (***PIN Required***)
 - ❑ Data Collection (Core Data)
- ❑ If the District's User Manager is unable to grant access, submit the Web Systems User ID Request form to the Department.
http://dese.mo.gov/sites/default/files/dac_forms/MO5002377.pdf
- ❑ Security Pin Codes are required for granting access to MOSIS.
 - They were initially provided to Superintendents when MOSIS began in 2005.
 - If needed, contact dsm@dese.mo.gov

Website

- ❑ <http://dese.mo.gov/data-system-management>

- ❑ <http://dese.mo.gov/data-system-management/core-datamosis>
 - File Layouts/Business Rules/Excel Templates
 - Code Sets
 - Listserv Archives
 - MOSIS/Core Data Manual
 - FAQ
 - Webinars

Accessing MOSIS Data Collection

Welcome to dese.mo.gov. We hope you enjoy the new and improved website, and we welcome your feedback.

Missouri
DEPARTMENT OF ELEMENTARY & SECONDARY
EDUCATION

MO.gov Governor Jay Nixon Find an Agency Online Services Search

Follow Us Like Us

Home About Administrators Educators Parents & Students Adults & Community School Data

TOP 10 by 20 MISSOURI PROUD

Follow Missouri's progress toward becoming a top 10 state for education.

Administrative Memos Educator Certification Web Applications News [See More News]

Two Missouri Students Receive State AP Scholar Award

Blue Springs Elementary Teacher Named Missouri's Teacher of the Year

Student Growth Measures Added to Improve Instruction

Topics Services Data Department

A-Z Index MAP





- ▶ Reset Password
- ▶ DESE Homepage
- ▶ Login Request Forms
- ▶ Browser Technical Notes
- ▶ Web Accessibility
- ▶ Logon/Logoff

DESE Secured Web Application Logon

IMPORTANT NOTICE:

Food and Nutrition Services - USER MANAGERS - The Food and Nutrition Services applications are only allowed one Authorized Representative.

If you already have a User Name, enter it below. Click [LogIn]

User Name:

Password :

LogIn

To view information available to the general public, Click
[View Public Applications]

View Public Applications

If you do not have a user name and password, Click
[Register]

Register

If you forgot your Username/Password, or to reset your
password, Click [Forgot Username/Password?]

Forgot Username/Password?

To have your account unlocked or to reset your password, please send your first and last name, user id (if known) and phone number to webappsloginassistance@dese.mo.gov. Staff will respond to your email between the hours of 7:30 - 4:00 p.m. M-F not including holidays.

Still have questions about logging in to Web Applications? You may also send a message to webapphelp@dese.mo.gov providing your name, user id, school district name, phone number, and county-district code with your request or call 573-522-3207. Please speak slowly and distinctly, and spell your first and last name.

[Privacy Statement](#)



▼ User Applications

▼ DESE Web Applications

- Annual Report of the County Clerk to the State Board of Education
- Compliance Plans (Federal and State)
- Data Collection ←
- Educator Certification System
- Educator Qualifications
- ePeGS
- Missouri Comprehensive Data System (MCDS)
- Model Curriculum
- MOSIS: Data Collection System ←
- MOSIS: ID Assignment
- Nonpublic Registration Form
- Prop C Compliance
- School Finance

▼ Report

- [Report Menu -- All data and/or reports are now available through the Missouri Comprehensive Data System \(MCDS\) Portal.](#)

▼ User Information

- Change Password
- Edit User Profile
- Edit Security Question/Answer
- Logon/Logoff

Email: webapphelp@dese.mo.gov

Current User: sflippin1

"Missouri public schools: the

Basic Steps in the MOSIS Data Collection System

- ❑ Identify, collect, and enter data into local systems.
- ❑ Extract data from local systems for upload to MOSIS OR complete Excel Template for upload.
- ❑ Upload to the online MOSIS Data Collection System creating a 'Trial'.
- ❑ Correct errors and review warnings in the MOSIS Data Collection Trial.
- ❑ Certify, with possibility to Re-Certify if changes need to be made.

File Layouts

- ❑ The File Layouts available for each file include the data items to be reported.
- ❑ Data items may be required, optional, conditional, or not allowed depending on the cycle.
- ❑ The goal is to keep the files collected as constant as possible, therefore collecting the same data items across cycles but only requiring a subset of those

Business Rules

- Business Rules are run each time a trial is uploaded or revalidated in the Data Collection System.
- They check for valid codes, formats, etc.

Federal Program Headcount

The Federal Programs Headcount is used to collect the number of students ages **5-17 (as of October 1)** who reside in the district and are eligible for free or reduced lunch documented through the application process using federal eligibility guidelines or through the direct certification process and used by federal programs. The count is the number as of the last Wednesday in September which is reported in the October Cycle. The data are displayed from the MOSIS Student Core File

Report all eligible students regardless of whether or not they actually eat breakfast/lunch.

Definitions

Free Lunch – Head count of students documented through the application process using federal eligibility guidelines or through the direct certification process as eligible for free lunch taken the last Wednesday in September by county of residence who meet age requirement.

If your district or school is CEP eligible. You need to report all students in that district and/or building as Free Lunch.

Reduced Lunch – Head count of students documented through the application process using federal eligibility guidelines as eligible for reduced lunch taken the last Wednesday in September by county of residence who meet age requirement.

Unreduced Lunch – Head count of students not eligible for free or reduced lunch taken the last Wednesday in September by county of residence who meet age requirement.

October Student Core

Collection Version	County	ELL Exit Test	Upper Body Strength	ECO Entry Indicator 3
Current School Year	Student Grade Level	ESOL Instructional Model	Flexibility	ECO Exit Date
Attending District Code	Gender	Missouri Option Program	IEP Disability	ECO Exit Indicator 1
Attending School Code	Race/Ethnicity	H.S. Career Ed Student	MAP Alternate	ECO Exit Indicator 2
Reporting District Code	Lunch Status	Title I	Special Education Placement	ECO Exit Indicator 3
Reporting School Code	Gifted	Title III	SPED Program Exit Code	CTE Program Code
Resident District Code	Homeless	Residency Status	Truant	Title III LEP
Resident School Code	Migrant	Membership FTE	Supplemental Education Service	Title III Immigrant
Teacher Name	In Building Less Than A Year	One Prior Ten Day Attendance	Career Cluster	First Freshman Year
MOSIS State ID	In District Less Than A Year	Enrolled on Count Date	Additional Student	Zip Code
Local Student ID	Voluntary Transfer Student	Enrolled All Year	Single Parent	Industry Recognized Credential
Legal Last Name	A+ Student	First Year Freshman	Displaced Homemaker	Military
Legal First Name	Number of Months in USA	GPA	CTE Technical Skills Attainment	MPP
Legal Middle Name	Immigrant	GPA Scale	K-8 Graduate District Code	
Legal Name Suffix	ELL Primary Language	8 th Grade Tech Literacy	ECO Entry Date	
Date of Birth	LEP/ELL	Aerobic Capacity	ECO Entry Indicator 1	
Social Security Number	ELL Exit	Abdominal Strength	ECO Entry Indicator 2	17

Core Data Screen 15



District:

Year:

Status: CLOSED-Cycle not available.

Location: Data Collection Menu - October Cycle - 15 Home School/Free and Reduced Lunch

Home School Students

Federal Programs [Head Count](#) taken the last Wednesday in September of children ages 5-17 (as of October 1 of the current school year) who reside in the district and whose eligibility has been documented. Include PK students only if they meet the appropriate age span.

Federal Programs Headcount

Free Lunch Reduced Lunch Unreduced Lunch Total

State FTE (full-time equivalency) count taken the last Wednesday in January of resident students enrolled in grades K-12 and in attendance one of the ten preceding school days and whose eligibility has been documented. Do not include PK students.

State FTE			District Totals						
Code	Attendance Center	Begin Grade	End Grade	Free Lunch	Reduced Lunch	Deseg In Free	Deseg In Reduced	Total	
N/A	RESIDENT II STUDENTS	XX	XX	<input type="text" value="0.00"/>	<input type="text" value="0.00"/>	<input type="text" value="N/A"/>	<input type="text" value="N/A"/>	<input type="text" value="0.00"/>	
1050	ADAIR CO. HIGH	07	12	<input type="text" value="0.00"/>	<input type="text" value="0.00"/>	<input type="text" value="N/A"/>	<input type="text" value="N/A"/>	<input type="text" value="0.00"/>	
4020	ADAIR CO. ELEM.	K	06	<input type="text" value="0.00"/>	<input type="text" value="0.00"/>	<input type="text" value="N/A"/>	<input type="text" value="N/A"/>	<input type="text" value="0.00"/>	

Email: coredata-mosis@dese.mo.gov

Current User:

"Missouri public schools: the best choice...the best results!"

Data Usage

- ❑ Data is used in determining eligibility for certain federal programs.

- ❑ Criteria used to calculate federal grant allocations.
 - Part B IDEA for ECSE
 - Federal Programs (NCLB Consolidated, SIG)
 - Perkins

State FTE Count

State FTE – Full-time equivalency (FTE) count taken the last Wednesday in January of resident students enrolled in grades K-12 **and** in attendance one of the 10 preceding school days whose eligibility for free or reduced lunch is documented through the application process using federal eligibility guidelines or through the direct certification process.

Students are counted regardless of whether or not they actually eat breakfast/lunch. An eligible student in KA or KP is to be reported as .5 FTE. Students for whom Department does not distribute state aid are not counted, i.e., students in preschool, the Parents as Teachers Program, or state schools.

Definitions

RESIDENT II STUDENTS/Free Lunch – FTE count of resident students documented through the application process using federal eligibility guidelines or through the direct certification process as eligible for free lunch taken the last Wednesday in January who are legally attending another district with the district of residence paying tuition.

RESIDENT II STUDENTS/Reduced Lunch – FTE count of resident students documented through the application process using federal eligibility guidelines as eligible for reduced lunch taken the last Wednesday in January who are legally attending another district with the district of residence paying tuition.

Free Lunch – FTE count of resident students documented through the application process using federal eligibility guidelines or through the direct certification process as eligible for free lunch taken the last Wednesday in January and reported by attendance center.

Reduced Lunch – FTE count of resident students documented through the application process using federal eligibility guidelines as eligible for reduced lunch taken the last Wednesday in January and reported by attendance center.

Deseg In Free – FTE count of desegregation in students documented through the application process using federal eligibility guidelines or through the direct certification process as eligible for free lunch taken the last Wednesday in January and reported by attendance center.

Deseg In Reduced – FTE count of desegregation in students documented through the application process using federal eligibility guidelines as eligible for reduced lunch taken the last Wednesday in January and reported by attendance center.

February Student Core

Collection Version	County	ELL Exit Test	Upper Body Strength	ECO Entry Indicator 3
Current School Year	Student Grade Level	ESOL Instructional Model	Flexibility	ECO Exit Date
Attending District Code	Gender	Missouri Option Program	IEP Disability	ECO Exit Indicator 1
Attending School Code	Race/Ethnicity	H.S. Career Ed Student	MAP Alternate	ECO Exit Indicator 2
Reporting District Code	Lunch Status	Title I	Special Education Placement	ECO Exit Indicator 3
Reporting School Code	Gifted	Title III	SPED Program Exit Code	CTE Program Code
Resident District Code	Homeless	Residency Status	Truant	Title III LEP
Resident School Code	Migrant	Membership FTE	Special Mental Education Service	Title III Immigrant
Teacher Name	In Building Less Than A Year	One Prior Ten Day Attendance	Career Cluster	First Freshman Year
MOSIS State ID	In District Less Than A Year	Enrolled on Count Date	International Student	Zip Code
Local Student ID	Voluntary Transfer Student	Enrolled All Year	Single Parent	Industry Recognized Credential
Legal Last Name	A+ Student	First Year Freshman	Displaced Homemaker	Military
Legal First Name	Number of Months in USA	GPA	CTE Technical Skills Attainment	MPP
Legal Middle Name	Immigrant	GPA Scale	K-8 Graduate District Code	
Legal Name Suffix	ELL Primary Language	8 th Grade Tech Literacy	ECO Entry Date	
Date of Birth	LEP/ELL	Aerobic Capacity	ECO Entry Indicator 1	
Social Security Number	ELL Exit	Abdominal Strength	ECO Entry Indicator 2	

Core Data Screen 15



District:

Year:

Status: CLOSED-Cycle not available.

Location: Data Collection Menu - October Cycle - 15 Home School/Free and Reduced Lunch

Home School Students

Federal Programs [Head Count](#) taken the last Wednesday in September of children ages 5-17 (as of October 1 of the current school year) who reside in the district and whose eligibility has been documented. Include PK students only if they meet the appropriate age span.

Federal Programs Headcount

Free Lunch Reduced Lunch Unreduced Lunch Total

State FTE (full-time equivalency) count taken the last Wednesday in January of resident students enrolled in grades K-12 and in attendance one of the ten preceding school days and whose eligibility has been documented. Do not include PK students.

State FTE			District Totals	0	0	0	0	0
Code	Attendance Center	Begin Grade	End Grade	Free Lunch	Reduced Lunch	Deseg In Free	Deseg In Reduced	Total
N/A	RESIDENT II STUDENTS	XX	XX	<input type="text" value="0.00"/>	<input type="text" value="0.00"/>	<input type="text" value="N/A"/>	<input type="text" value="N/A"/>	<input type="text" value="0.00"/>
1050	ADAIR CO. HIGH	07	12	<input type="text" value="0.00"/>	<input type="text" value="0.00"/>	<input type="text" value="N/A"/>	<input type="text" value="N/A"/>	<input type="text" value="0.00"/>
4020	ADAIR CO. ELEM.	K	06	<input type="text" value="0.00"/>	<input type="text" value="0.00"/>	<input type="text" value="N/A"/>	<input type="text" value="N/A"/>	<input type="text" value="0.00"/>

Email: coredata-mosis@dese.mo.gov

Current User:

"Missouri public schools: the best choice...the best results!"

Data Usage

□ Basic Formula Calculation

- A factor in calculating Weighted Average Daily Attendance
- Number can influence Basic Formula monies received by the district
- Prop C

□ District, School, and State Report Card

□ General Data Requests

State Assessment

The April Student Core File requires a single record for each student that has taken a state assessment. This file collects student demographic data. All students, kindergarten through grade 12, are reported in the April Student Core File. ***(There is no count date for April; however, each student who has taken a state assessment needs to be included).***

April Student Core

Collection Version	County	ELL Exit Test	Upper Body Strength	ECO Entry Indicator 3
Current School Year	Student Grade Level	ESOL Instructional Model	Flexibility	ECO Exit Date
Attending District Code	Gender	Missouri Option Program	IEP Disability	ECO Exit Indicator 1
Attending School Code	Race/Ethnicity	H.S. Career Ed Student	MAP Alternate	ECO Exit Indicator 2
Reporting District Code	Lunch Status	Title I	Special Education Placement	ECO Exit Indicator 3
Reporting School Code	Gifted	Title III	SPED Program Exit Code	CTE Program Code
Resident District Code	Homeless	Residency Status	Truant	Title III LEP
Resident School Code	Migrant	Membership FTE	Supplemental Education Service	Title III Immigrant
Teacher Name	In Building Less Than A Year	One Prior Ten Day Attendance	Career Cluster	First Freshman Year
MOSIS State ID	In District Less Than A Year	Enrolled on Count Date	Nontraditional Student	Zip Code
Local Student ID	Voluntary Transfer Student	Enrolled All Year	Single Parent	Industry Recognized Credential
Legal Last Name	A+ Student	First Year Freshman	Displaced Homemaker	Military
Legal First Name	Number of Months in USA	GPA	CTE Technical Skills Attainment	MPP
Legal Middle Name	Immigrant	GPA Scale	K-8 Graduate District Code	
Legal Name Suffix	ELL Primary Language	8 th Grade Tech Literacy	ECO Entry Date	
Date of Birth	LEP/ELL	Aerobic Capacity	ECO Entry Indicator 1	
Social Security Number	ELL Exit	Abdominal Strength	ECO Entry Indicator 2	

Data Usage

- State Assessment Results including
 - Grade level assessments
 - EOC (end-of-course) assessments
 - Alternate assessments
 - ELL assessments

- Missouri School Improvement Program(MSIP)
Annual Performance Report (APR)
 - Standard 2 subgroup achievement
 - Super subgroup

June Student Core

Collection Version	County	ELL Exit Test	Upper Body Strength	ECO Entry Indicator 3
Current School Year	Student Grade Level	ESOL Instructional Model	Flexibility	ECO Exit Date
Attending District Code	Gender	Missouri Option Program	IEP Disability	ECO Exit Indicator 1
Attending School Code	Race/Ethnicity	H.S. Career Ed Student	MAP Alternate	ECO Exit Indicator 2
Reporting District Code	Lunch Status	Title I	Special Education Placement	ECO Exit Indicator 3
Reporting School Code	Gifted	Title III	SPED Program Exit Code	CTE Program Code
Resident District Code	Homeless	Residency Status	Truant	Title III LEP
Resident School Code	Migrant	Membership FTE	Supplemental Education Service	Title III Immigrant
Teacher Name	In Building Less Than A Year	One Prior Ten Day Attendance	Career Cluster	First Freshman Year
MOSIS State ID	In District Less Than A Year	Enrolled on Count Date	Nontraditional Student	Zip Code
Local Student ID	Voluntary Transfer Student	Enrolled All Year	Single Parent	Industry Recognized Credential
Legal Last Name	A+ Student	First Year Freshman	Displaced Homemaker	Military
Legal First Name	Number of Months in USA	GPA	CTE Technical Skills Attainment	MPP
Legal Middle Name	Immigrant	GPA Scale	K-8 Graduate District Code	
Legal Name Suffix	ELL Primary Language	8 th Grade Tech Literacy	ECO Entry Date	
Date of Birth	LEP/ELL	Aerobic Capacity	ECO Entry Indicator 1	
Social Security Number	ELL Exit	Abdominal Strength	ECO Entry Indicator 2	28

Data Usage

□ End of the Year Reporting and Performance Measures

- Graduation Rate
- Attendance Rate
- College and Career Ready Measures
- Perkins

Contact Us

Email: coredata-mosis@dese.mo.gov

Phone: 573-522-3207

Special Education Questions:

Phone: 573-751-7848

Career Education Questions:

Phone: 573-751-3524

Federal Program Questions:

Phone: 573-751-2643



The Department of Elementary and Secondary Education does not discriminate on the basis of race, color, religion, gender, national origin, age, or disability in its programs and activities. Inquiries related to Department programs and to the location of services, activities, and facilities that are accessible by persons with disabilities may be directed to the Jefferson State Office Building, Office of the General Counsel, Coordinator – Civil Rights Compliance (Title VI/Title IX/504/ADA/Age Act), 6th Floor, 205 Jefferson Street, P.O. Box 480, Jefferson City, MO 65102-0480; telephone number 573-526-4757 or TTY 800-735-2966; fax number 573-522-4883; email civilrights@dese.mo.gov.