



EMSAS Review

An review of the
Enhanced Missouri Student Achievement System
August 22, 2018



Objectives

- Rationale for EMSAS
- EMSAS Components
- Schedule
- Reporting Portal and Resources
- Important to Remember
- HB 1606
- Q & A



Rationale for EMSAS?

- EMSAS data used to provide reporting and evaluate major statewide initiatives
- EMSAS data used for statistical reporting and to respond to data requests (including from institutions)
- De-identified data used to populate MoSCORES (HB 1606)
- Clean EMSAS data reduces the need for time-consuming ad hoc requests

EMSAS Components (Term)

- Term Registration
 - Provides identification, demographic, and selected student end-of-term progress data (e.g., credit hours completed and GPA).
 - Multiple record file with one record per student for the previous summer, fall, and spring terms (i.e., summer and fall 2018 and spring 2019 reported in fall 2019).

Summer is always a “leading term”

EMSAS Components (Completions)

- Completions
 - Provides identification, demographic, and selected data on awards conferred (e.g., award levels and majors).
 - Multiple record file, if necessary, with one record per student per the previous summer, fall, and spring terms (i.e., summer and fall 2018 and spring 2019 reported in fall 2019).
 - First and second majors generally reported, same as IPEDS, but by term and award level.

Additional records may be included for a student, if different award level (e.g. baccalaureate and associate's degrees conferred), or two awards of the same type awarded in different academic terms.

EMSAS Components (Enrollment)

- **Fall Enrollment**
 - Single record of students enrolled at census date.
 - Provides identification, demographic, and selected data on declared major, credit hours enrolled, geographic origin, and high school preparation (for traditional / first-time students).
 - Reported for current fall

Emphasize population to be reported -

https://dhe.mo.gov/data/emsas/meta/2016/EMSASManual2016_fin.docx



EMSAS Components (Course)

- Course
 - Provides data on course enrollment and completion in general education and lower-division coursework
 - Used primarily to monitor Core 42 and respond to ad hoc data requests
 - Multiple record file with one entry per course per student
 - 2018-19 data will be requested in Jan. 2020

EMSAS Components (Non-Credit)

- Non-Credit
 - Provides data on program enrollment and completion, primarily in non-credit programs listed with Division of Workforce Development
 - Reported by two-year institutions with ETPS-listed programs
 - Populates MoSCORES with additional program completion and outcomes data
 - Multiple record file with one entry per student per program per quarter
 - Reported for previous quarter, e.g. July-Sept. 2019 program activity reported in mid-October 2019

EMSAS Components (Program)

- Program
 - Provides updated data on institutions' programs, including data on program length, costs and contact information
 - Reported by public institutions
 - Populates MoSCORES and DHE's redesigned [College and Degree Search](#)
 - Single record file with one entry per program per site *
 - Reported for current / upcoming year, e.g. 2019-20 program information in fall 2020

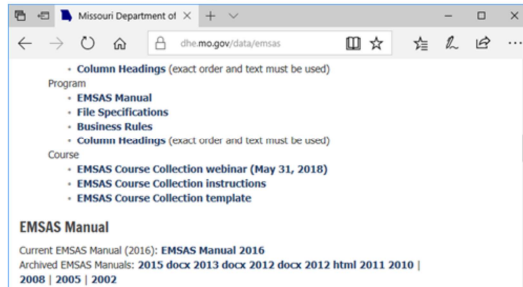
Same as ETPS (with minor formatting differences) – just includes additional programs (credit / non-ETPS)

The one non-student-level EMSAS file

Multiple records per program permitted if information differs, e.g. costs differ for online programs

Structure and Resources

- Instructions and template available at <https://dhe.mo.gov/data/emsas/>



- Nearly identical to ETPS file format (watch date formats)
- The EMSAS Manual is specific to the program upload!

Structure and Resources

- [Sample File](#)
- Due **Sept. 6**



Schedule

- Term Registration and Completions files are traditionally due in mid-September (Sept. 16 this year)
- Fall Enrollment is traditionally due in mid-October (Oct. 15)
- EMSAS Non-Credit data quarterly (next on Oct. 15)
- EMSAS Program (Sept. 6)
- EMSAS Course data for 2018-19 (Jan. 17)

Collections are open

Reporting Portal

- EMSAS data reported via State Report Manager portal (SRM)
- Immediate feedback provided on warnings (to be reviewed and corrected if possible) and errors (must be corrected)
- Immediate summary data provided
- Once all errors are resolved files can be “certified” by user and are delivered to DHE’s database

Log-in info still requires coordination if different users reporting credit and non-credit (one ID per institution)

Quarterly password resets may time out – may need to set calendar reminders to log in even if not reporting

Reporting Portal

The screenshot shows a web browser window with the URL `srm.dese.mo.gov/srm-missouri/protected/gettingStarted.do?childOrgId=0`. The page title is "MO Student Information System (MOSIS)" and the user is logged in as "Jeremy Kirbal". The main heading is "Welcome to MOSIS Data Collection". Below this, there are filters for "Year" and "Cycle", both set to "All". A table titled "Current Submissions" lists various data collection events with columns for Name, Collection Start Date, Due Date, Trial Name, Trial Date, Submission Status, Cycle, and Year. At the bottom, there is a "Switch Districts" dropdown menu set to "Missouri State University-West Plains (902503)".

Welcome to MOSIS Data Collection
Please select a submission

Year: Cycle:

Current Submissions

Name	Collection Start Date	Due Date	Trial Name	Trial Date	Submission Status	Cycle	Year
EMSAS 2019 Fall Enrollment		Oct 15, 2019	Run a Trial			September	2019
EMSAS 2019 Degree Completion		Sep 16, 2019	Run a Trial			August	2019
EMSAS 2019 Term Registration		Sep 16, 2019	Run a Trial			August	2019
EMSAS 2020 Program Upload		Sep 6, 2019	Run a Trial			August	2020
EMSAS 2019 Non Credit Jul		Jul 31, 2019	MSU-WP_NonCredit_2019_Q2	07-24-2019 11:13am	SENT	July	2019
EMSAS 2019 Non Credit Apr		Apr 19, 2019	MSU-WP_NonCredit_2019_Q1	04-18-2019 4:10pm	SENT	April	2019
EMSAS 2019 Non Credit Jan		Jan 25, 2019	MSU-WP_NonCredit_2018_Q4	01-11-2019 12:09pm	SENT	January	2019
EMSAS 2019 Oct Non Credit		Oct 15, 2018	MSU-WP_NonCredit_2018_Q3	10-15-2018 1:50pm	SENT	October	2019

Switch Districts

MO Department of Elementary and Secondary Education - Send questions to: esedhelp@desd.mo.gov

Powered by ESP Solutions Group

Reporting Portal

The screenshot displays a web browser window with the URL `srm.dese.mo.gov/srm-missouri/protected/listUserTrials.do?currentReportManifestId=366`. The page title is "MO Student Information System (WOSIS)" and the user is logged in as "Jeremy Kirtzel". The main content area shows a report titled "Submitted: MSU-WP_NonCredit_2019_Q2". The report details include: Created: 07-24-2019 11:13am, Last Activity: Validated at 07-24-2019 11:13am, Certification Date: 07-24-2019 11:13am, and Send Status: Sent. Below the details are three icons: "Errors (0) Warnings (0)", "Records (11)", and "Reports". At the bottom of the page, there is a footer with the text "MS Department of Elementary and Secondary Education - Send questions to web@edmsis@des.mo.gov" and "Powered by EGP Solutions Group".

Resources

- EMSAS Technical Documentation available at <http://dhe.mo.gov/data/emsas/>
- Materials include:
 - Data manuals, with full descriptions of all variables in all files
 - File templates
 - Business rules (with Collection_Rule_IDs corresponding to errors and warnings in SRM)

Important to Remember

- Credit hour fields (e.g. TOTRMHRE in fall enrollment) always have an implied decimal – 30 = 3.0 credits
- SSNs are optional, but needed for employment outcomes (MoSCORES)
- Be sure and check your remedial courses – REMATHE etc. should count courses which are non-credit and generally serve as pre-requisites for related coursework
- STUSTAT in term file – should be status at census

Important to Remember

- GEODOMI is important, esp. in fall enrollment (lots of questions about residency and migration)
- Reverse Transfer is still active (OPTIN and RTCOMP)
- VETERAN added in fall 2017
- HSCODE and HSGRDYR important for [HS Graduates Report](#)
- **DEGREEST** – becoming more and more useful, e.g. for program completion in MoSCORES and gateway course completion

Important to Remember

- EMSAS NonCredit: students who complete a program should have a valid PROGEXITDATE and relevant PROGEXITSTAT, and be removed from the next quarter's file unless re-enrolling in a new program
- If re-enrolling, the student can have two records in a quarterly file – one to exit one program and one to enter the next

House Bill 1606

- Legislation passed in 2018 requires new reporting on program costs, time-to-degree and wage outcomes
- State staff worked to build reports in MoSCORES that would fulfill requirements
- No further data reporting required beyond new program upload file

House Bill 1606

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House Bill 1606

2. The coordinating board for higher education and the department of economic development shall jointly provide the following information for each credential offered by a public institution of higher education:

- (1) Common areas of employment for people who have earned the credential, including estimates of the numbers and types of jobs available in the professions or industries in which people who have earned the credential usually work;
- (2) The number and percentage of graduates who earned the credential who were employed within one year of graduation for the five most recent graduating classes and, for the graduates so employed, their average income, where such data are available and can be provided in a manner that protects the privacy of graduates;
- (3) The number and percentage of graduates who earned the credential who were working in a field related to their educational program within one year of graduation for the five most recent graduating classes and, for the graduates so employed, their average income, where such data are available and can be provided in a manner that protects the privacy of graduates;
- (4) The number and percentage of graduates who earned the credential who were working in any field of employment within one year of graduation for the five most recent graduating classes and, for the graduates so employed, their average income, where such data are available and can be provided in a manner that protects the privacy of graduates;
- (5) The average income and salary range for each year of the five years immediately following graduation for graduates who were employed for at least five years following graduation but not more than ten years, where such data are available and can be provided in a manner that protects the privacy of graduates;



House Bill 1606

(6) The number of academic years likely required to earn the credential based on statistics for recent graduates;

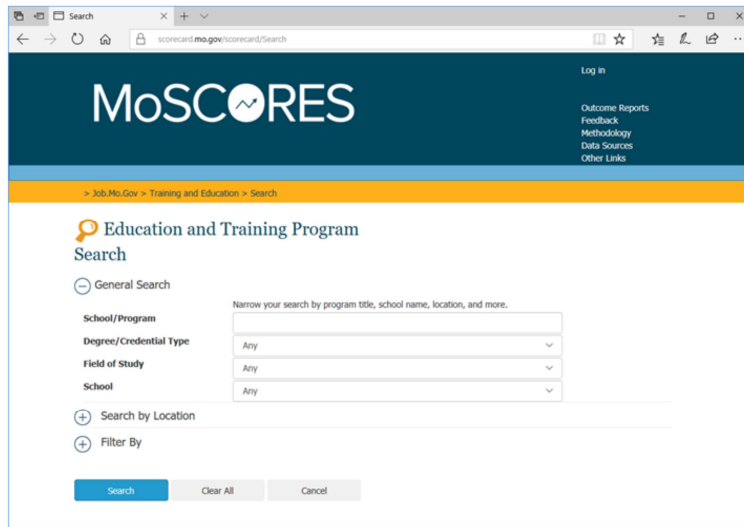
(7) Estimated tuition and fees required to earn the credential based on any on-campus housing costs for the number of academic years likely required to earn the credential if the student chooses on-campus housing, the number of credit hours required to earn the credential, and the course materials likely required to earn the credential; and

(8) Other relevant information, including a description of the limitations of the data posted, as deemed necessary by the coordinating board for higher education and the department of economic development.

3. The information described under subsection 2 of this section shall appear on the public website of the public institution of higher education alongside its credential offerings and, if the institution currently publishes a course catalog, be published in the course catalog alongside its credential offerings on or before October 1, 2019.

4. Each public institution of higher education shall ensure that its website and course catalog, if the institution currently publishes a course catalog, contains the information described under subsection 2 of this section, subject to the provisions of subsection 3 of this section.

House Bill 1606



Contact Tracy Otto with DWD if Mo-Log-in needed - Tracy.Otto@ded.mo.gov or 573-751-3538

House Bill 1606

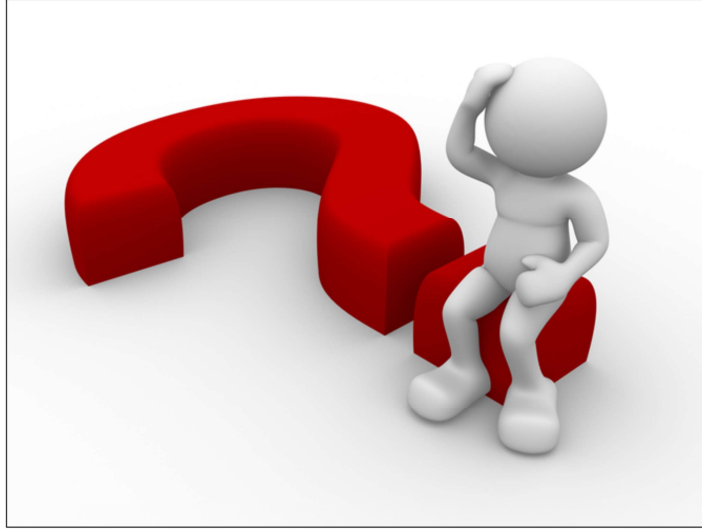
The screenshot displays the MoSCORES web application interface. At the top, the MoSCORES logo is prominent, with a user account menu for 'ADMINISTRATOR' containing links for 'Logout Reports', 'Feedback', 'Methodology', 'Data Sources', and 'Other Links'. Below the header, navigation links include '30 MoGov > Training and Education > Search > Reporting', 'Back to Search Results | New Search | Revise Search', and 'DRURY UNIVERSITY 900 N. BENTON AVENUE SPRINGFIELD, MISSOURI 65802'. The main content area features a grid of program categories: 'PROGRAM COMMUNICATIONS, GENERAL (AS)', 'OSIDENTAL AWARDED ASSOCIATE DEGREE OTHER', and 'PROGRAM LENGTH'. A row of buttons includes 'Program Details', 'School Details', 'Demographics', 'Performance', 'Comparisons', and 'Reporting'. Below this, a row of buttons includes 'ETPS Programs', 'BAC Programs', 'Matched Programs', and 'Requires logging in'. A row of buttons includes 'Go To Outcome Report', 'USE BDR Reports' (highlighted with a red circle), 'BAC ETPS Combine Data Export', and 'Admin Data Export'. The bottom section contains various filters: 'Select Site' (AMERICAN BUSINESS & TECHNOLOGY UNIVERSITY), 'CPZ Program' (All), 'CPM Program' (All), 'School Year' (2019), 'Degree Type' (Any), 'Student Filters' (Age: All, Gender: Any, Ethnicity: Any, Student Type: Any), 'State' (Missouri), 'County' (Any), and checkboxes for 'Veterans' and 'Work Participants'.

Next Steps

- Feedback welcome on presentation and additional language
- Please provide by Sept. 6
- Work Outcomes report will be fully functional as soon after Aug. 28 as possible
- State staff will make any last edits and provide live links to institutions
- Institutions will be asked to confirm links from their websites – talk to your IT staff now about where to post

We are unable to make changes right now due to IT migration related to the reorg. Applications are off-limits, but hope to be back online asap after Aug. 28.

Questions?





Contact

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