

MO - MOSIS Pre-code File - FRD

December 2025

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Version Control

Version	Date	Author(s)	Brief Description of Change
1.0	8/13/2025	Michele Johnson	Updated FRD to new template

Overview

Summary

This collection is used to load online testing data for assessments students will be taking in the coming school year. It consists of several different formats, based on the particular set of assessments that students are planning on taking.

Due Dates

ongoing - due dates:

Collection Version	Date
2016ACT1.0AsmPre	
2016EOCFAL1.0AsmPre	Sept 18th
2016EOCFAL1.0AsmPre	Nov 6th
2016EOCSPR1.0AsmPre	Jan 29th
2016EOCSPR1.0AsmPre	March 4th
2016EOCSPR1.0AsmPre	Apr 1st

Scope and Purpose

The purpose is to provide data to the state ahead of a student's scheduled taking of an assessment.

This report contains student name and id information

Functional Requirements

Reporting Population and Business Rules

#	Requirement
R1	Report one record per student per subject
R2	If student does not have any Course where Assessment Subject is populated, a blank record will report for the student with Subject and Teacher Name fields blank.
	If Section > Assessment is not set, report Teacher Name fields blank.
R3	Report students enrolled on effective date of report generation
R4	If Report State Excluded Students checkbox is checked on the Extract Editor, Reports students where enrollment state exclude is checked
R5	If Report State Excluded Students checkbox is not checked on the Extract Editor, do not Reports students where enrollment state exclude is checked
R6	Do not report Enrollments with "No Show" = checked
R7	If a student has two enrollment records, for the same calendar then pull data from the Primary enrollment
R8	If no primary enrollment, then report Special Ed, if no Special Ed, then Report Partial
R9	If a student has two Primary Enrollment records, then report the primary enrollment that is active on the effective date.
R10	There must be at least one Assessment Pre-Code record in the file.

MAPSPR Assessment:

- 1. Report via course if all of the following is true:
 - a. Student must be rostered into something

- b. Assessment Type (Course > Section > Assessment Type) = 'MAPSPR'
- c. Assessment Subject (Course > Assessment Subject) must be one of the following:
 - i. 'SC', 'MATH' or 'ELA'
 - 1. Grade (Student Information > General > Enrollments > Grade):
 - a. '03'
 - b. '04'
 - c. '05'
 - d. '06'
 - e. '07'
 - f. '08'
- 2. If the course set up is not all true, report via Enrollment if all of the following is true:
 - a. Student must be rostered into something
 - b. MAPA checkbox = checked
 - c. Grade (Student Information > General > Enrollments > Grade):
 - i. '03'
 - ii. '04'
 - iii. '05'
 - iv. '06'
 - v. '07'
 - vi. '08'
 - vii. '09'
 - viii. '10'
 - ix. '11'
 - x. '12'
- 3. If the Enrollment set up is not all true, report based on Grade/Enrollment if all of the following is true:
 - a. Student must be enrolled
 - b. Grade (Student Information > General > Enrollments > Grade):
 - i. '03'
 - ii. '04'
 - iii. '05'
 - iv. '06'
 - v. '07'
 - vi. '08'

MAP Assessments:

- 1. If Assessment = 'MAPSPR' then StudentGradeLevel must be '03','04','05','06','07', or '08'.
 - Report one record per student in grade 3-8 who is actively enrolled on Effective Date of report generation Extract Editor

- Report codes ELA, MATH and SC for students in grades 05, 08 and 11.
- 2. Now look for courses where Course > Assessment Subject code = ELA, MATH and SC. Report a record for each subject area if the student is enrolled in a course section with the associated assessment subjects.
 - If subject code is null, do not report the primary teacher first and last name and email. These courses will be excluded when subject area is null.
 - If student fits report population but is not rostered in any course where subject area = ELA, MATH or SC, report one record for the student with the fields associated with course and section data reporting blank.
- 3. When Course > Assessment Subject code = ELA, MATH and SC, next, look for sections where assessment type = MAPSPR. Report the primary teacher's email and name data from that section. (section must have the subject type associated with it for multiple records to report)
 - If Course > Assessment Subject code = ELA, MATH and SC but no section has assessment type = MAPSPR, report a record for students enrolled in Course > sections but report associated teacher data as blank.

EOCSPR, EOCFAL and EOCSUM Assessments:

- If Assessment Type = 'EOCSPR', 'EOCFAL', or 'EOCSUM' then:
 - Reports students in "any HS grade" selected in Extract Editor
 - Assessment Type must be defined on the Section Editor of a course.
 - It appears that, if there is no Teacher or Primary Teacher record associated with a specific, otherwise-reportable course/section, the record is totally excluded from the output
 - Course Assessment Subject = 'ENGLI2', 'ALGEB1', 'BIOLO1', 'AMGOV1'

LEP/ELL Assessment:

- If Assessment Type = LEP/ELL students can be any grade level K-12.
 - $^{\circ}$ Logic will be used to determine LEPELL Pre-code records:
 - First, determine the student's LEPELL status-
 - For any actively enrolled student, in grade levels K-12, consider any LEP record where the First Year Monitoring date is NULL:
 - If the Program Status = LEP **OR** Pending, return a record in the extract for that student
 - LEPELL TstMethod is hard coded as PENPAP.

EOCEXP: EOC Assessment:

- If Assessment Type = EOCEXP: EOC Exceptions then StudentGradeLevel MUST be '12'.
 - ONLY students with an active enrollment on the effective date selected on the extract editor where grade = 12
 - May be 0-4 records per student, with up to 1 record per student for each of the 4 required EOC Assessment subjects for which an exception result is returned

- Required EOC Assessment subjects are reported in the Subject extract field and the state codes include ENGLI2, ALGEB1, BIOLO1, AMGOV1. These subject codes MUST be set up on the assessment or else the student will not report.
- Do not return > 1 record for each the above state codes per student in the Subject field
- Sort file by student's last and first name
- Return 1 record per assessment with an exception result where:
 - Assessment> Test> Test Detail> State Code = EOC AND
 - student's Assessment> Test Scores> Test Score Detail> Result = EOCEX1 or EOCEX2 or EOCEX3 or EOCEX4
 the extract's Assessment field should return the Exception code selected. report all such EOC exception results with any date
 for students in the reporting population.

OR

- Return 1 record per student for each of the 4 required EOC assessments (4 total per student) where:
 - Student Info> General> Enrollments> Special Ed Fields> Map-A = checked with the extract Field: Assessment returning value = EOCEX3
 - Required EOC Assessment Subject Codes include ENGLI2, ALGEB1, BIOLO1, AMGOV1
 - Return 4 records per student where Map-A = checked, one for each of the above state codes in the Subject field
 - Each of the 4 records return with the Assessment field value = EOCEX3

ACT: ACT Assessment:

- If Assessment Type = ACT: ACT, Reporting population =
 - a. Report all 11th grade students (State Grade = 11 : Eleventh Grade) actively enrolled in the Calendar selected for reporting as of Effective date of report generation.
 - b. Report one record per 11th grade student. If the student has more than one enrollment with the same FTE and the same enrollment type in different schools, the latest school of enrollment will report.
 - 1. First report from enrollment with the highest *Percent Enrolled(Out of 100) (state reporting fields) as of effective date of report generation.
 - a. If there are multiple enrollments where Percent Enrolled is equal report from enrollment where service type = P : Primary.
 - i. If no primary enrollment, report from enrollment where service type = S: Partial.
 - 1. If no partial enrollment, report from enrollment where service type = N: Special Ed Services
 - a. Finally if there are multiple enrollments with the same date after the above logic, report from the highest enrollment ID.
 - b. If only one school is selected when generating the report, report the 11 graders enrollment in that school with the above logic
 - c. If multiple schools are selected when generating the report and the student has enrollments in different school, use the above logic to report only one record per 11th grade student

- 2. Do not report students in Calendars checked exclude or state excluded students (state reporting fields > State Exclude) or students marked No Show on their enrollment.
- c. Fields 115, Test Method field 155, Examiner Email will all report blank.

Report Data Elements

#	Data Element	Business Requireme	ent/Business rules		Data Source/ Database Location	Format	Length
DE005	CollectionVersion	MO State Reporting>	MOSIS Extracts> Assessment	Туре:	N/A		
		Assessment Type Output Value					
		EOC Fall	YYYYEOCFAL1.0AsmPre				
		EOC Spring	YYYYEOCSPR1.0AsmPre				
		EOC Summer	YYYYEOCSUM1.0AsmPre				
		MAP	YYYYMAPSPR1.0AsmPre				
		LEP/ELL	YYYYLEPELL1.0AsmPre				
		EOC Exception	YYYYEOCEXP1.0AsmPre				
		ACT	YYYYACT1.0AsmPre				
		where YYYY is the c	•				
		ECOCEXP OTHE	RS				
		R R					

DE010	CurrentSchoolYear	Report calendaries	•	System Admin > Calendar > Sch Years > School Ye Editor > School Ye	ear	
		ECOCEXP	OTHERS	Detail > End Year	idi	
		R	R			
DE025	DE025 ReportingDistrictCode ACT = ref			Iment as of effective date System Administration > Resources > Distr Information > Dist		
		ECOCEXP	OTHERS	Info > District Nam Core		
		R	R	<u>Core</u>		

DE030	reporting fields when populated 1. If null, look to Calendar > Calendar Type code = AP : Alternative Program School, when code = AP, all students in the calendar will report field 30, Reporting School, from Residing School in Enrollments > State Reporting fields. a. If Reporting School textbox blank and Calendar Type not AP, look to School Org Type (Resources > School) code = AP: Alternative Program School, all students in the school will repo field 30, Reporting School, from Residing School in Enrollment > State Reporting fields. i. If Reporting School textbox blank and Calendar Type not A and School Org Type (Resources > School) is not AP: Alternative Program School, report State School Number. Field Required Status: ECOCEXP OTHERS R			 Reporting School textbox in state reporting fields Calendar > Calendar Type code = AP: Alternative Program School School Org Type (Resources > School) code = AP: Alternative Program School System Administration> Resources > School > State School Number Report can show up to 6 digits but state will only accept 4 digits 			
DE050	StateID	Student state			Census > People > Demographics > Person Identifiers >		
		ECOCEXP	OTHERS		State ID - Core		
		R	R				

DE055	LocalStudentID	Report value Field Required	Status:		Census > People > Demographics > Person Identifiers >	
		ECOCEXP	OTHERS		Local Student Number	
		0	0			
DE060	LastName	If Report Prote has a value, th	cted Identitie en report all Last Name,F	e > Demographics > Last Name checkbox is checked and Legal Last Name egal information stName,MiddleName,Suffix and gender ographics	Legal Last Name on the Identities > Protected Identity Information area for reporting Census > People > Demographics > Last Name	
		Field Required	Status:			
		ECOCEXP	OTHERS			
		R	R			

DE065	FirstName	If Report Prote has a value, th	ected Identitie nen report leg lame is blank	ole > Demographics > First Name as checkbox is checked and Legal Last Name al First Name , report from Census > People>	Legal First Name on the Identities > Protected Identity Information area for reporting Census > People > Demographics > First Name	
		Field Required	l Status:			
		ECOCEXP	OTHERS			
		R	R			
DE070	MiddleName	If Report Prote has a value, the If Legal Middle If Legal Last no Demographics Field Required ECOCEXP	ected Identitienen report lege Name is Blank, ame is blank, and Status:	ole > Demographics > Middle Name es checkbox is checked and Legal Last Name al Middle Name enk, then report blank report from Census > People>	Legal Middle Name on the Identities > Protected Identity Information area for reporting Census > People > Demographics > Middle Name	
		0	0			

DE075	Suffix	If Report Prote has a value, the	ected Identitie ien report Led is Blank, ther ame is blank,		Legal Suffix on the Identities > Protected Identity Information area for reporting Census > People > Demographics > Person Information > Suffix		
		Field Required Status:					
		ECOCEXP	OTHERS				
		О	0				
DE080	DateOfBirth	Report value			Census > People >	MM/DD /YYYY	
		Field Required	l Status:		Demographics > Person Info > <u>Date of</u> Birth - Core	/	
		ECOCEXP	OTHERS		Bitti - COIE		
		R	R				

DE095	StudentGradeLevel	StudentGra 2. IF Assessn '03','04','05 3. IF Assessn KP, 01, 02, 4. If Assessm StudentGra	adeLevel MU nent Type = ' ','06','07', or ' nent Type = L , 03, 04, 05, 0 ent Type = E adeLevel MU ent Type = A	EOCSPR' or 'EOCFAL' or 'EOCSUM', then ST = Grade selected in the Extract Editor MAPSPR' then StudentGradeLevel MUST = 08'. If student is MAPA, report grade 03-12. LEP/ELL StudentGradeLevel MUST = K, KA, 06, 07, 08, 09, 10, 11 or 12. OCEXP: EOC Exceptions then ST be 12. CT: ACT report all students in grade = 11	stateGrade based on Student Info > General > Enrollments > General Enrollment Info > Grade - Core mapped to Sys Admin > Calendar > Grade Levels > Grade Level Editor > Grade Level Detail	
		R	R			
DE100	Gender	If Report Prote has a value, th	cted Identitie en report Leç ame is blank,	ole > Demographics > Gender s checkbox is checked and Legal Last Name gal Gender report from Census > People>	Legal Gender on the Identities > Protected Identity Information area for reporting Census > People > Demographics > Person Information > Gender	

DE105	RaceEthnicity	Field Required	Status:	Census > People > Demographics >	Census > People > Demographics >		
		ECOCEXP	OTHERS	Race Ethnicity Codes - MO			
		R	R				
DE110	Assessment	Field Required	Status:	Course/Section > Section > Section			
		ECOCEXP	OTHERS	Editor > Assessment Type			
		R	R	If Assessment Type			
				is EOCEXP: EOC			
				Exception - Student Info >			
				General > Assessment > Test			
				Scores > Test Score Detail > Result			
DE115	DE115 TstMethod	Field Required Status:		Course/Section > Section > Section			
		ECOCEXP	OTHERS	Editor > Test Method			
		0	С				

DE130	EDFirstName	MAPSPR: Reprimary teacher teacher > Curr 1. Report who or SC and a. If the teacher teacher to b. If stude MATH 135 and Pull the inform teacher record	port primary or who is active the result of the course of	teacher's first ve as of repore. First Name at Assessment Station > Assessment Station > Assessment is blank I record have any count one record fok.	name and last name, from the t generation end date. (Primary and Last Name) Subject = ELA, LEP/ELL, MATH sment Type = MAPSPR, report blank, but continue to reses where subject area = ELA, or the student with fields 130, ne most recent active primary red in the extract editor.	Course/Section > Sections > Staff History > Primary Teacher (First Name)	
					ue = NULL all records ank for all records		
		Field Required	Status:				
		ECOCEXP	LEP/ELL	OTHERS			
		0	R	С			

DE135	EDLastName	EOCSUM, EC MAPSPR: Re primary teacher teacher > Curr 1. Report who or SC and a. If the te report of b. If stude MATH 135 an Pull the inform teacher record • IF Assessr	port primary per who is activent Identity > en Course > Secher's last pout an overal ent does not hor SC, report d 155 = blandation for both as of the date ment Type = 1	LEP/ELL. teacher's first ve as of repore First Name at Assessment and Assessment is blank and any count one record fix. In fields from the range ente EOCEXP, val	ename and last name, from the rt generation end date. (Primary and Last Name) Subject = ELA, LEP/ELL, MATH esment Type = MAPSPR k, report blank, but continue to rse's where subject area = ELA, or the student with fields 130, the most recent active primary red in the extract editor. Subject = ELA, LEP/ELL, MATH esment Type = MAPSPR k, report blank, but continue to rse's where subject area = ELA, or the student with fields 130, The most recent active primary red in the extract editor. Subject = RULL all records ank for all records	Course/Section > Sections > Staff History > Primary Teacher (Last Name)	
DE140	Subject	Each student of type.	can only be re	eported once	nd Assessment within the file. per Subject per Assessment ssment Subject = ELA, MATH or	If Assessment Type is EOCFAL, EOCSUM or EOCSPR - Course /Section > Course > Course Editor > Assessment Subject - MO If Assessment Type	

- 1. Report codes ELA and MATH for students in grades 03-12 a. Report up to 2 records for students in grades 03-12
- 2. Report codes ELA, MATH and SC for students in grades 05, 08 and 11.
 - a. Report up to 3 records for students in grades 05, 08 and 11
- 3. If student does not have any course's where subject area = ELA, MATH or SC, report one record for the student with field 140 = blank.

When Assessment Type is EOCFAL, EOCSUM or ECOSPR, return value pulls from Assessment Subject on the Course Editor. Valid Options: ALGEB1: Algebra I ALGEB2: Algebra II ENGLI1: English I ENGLI2: English II BIOLO1: Biology I GEOME1: Geometry I INTMA2: Integrated Math II INTMA3: Integrated Math III AMGOV1: American Government I AMHIS1: American History I

When Assessment Type is EOCEXP: EOC Exception, the return value is pulled from the Test Detail in one of two ways, depending on user setup:

- Look for the following user-entered state codes in System Admin> Custom> Attribute/Dictionary> Test> Test Type> Dictionary Detail-If the state codes are not entered on the Dictionary Detail as described above, return value is mapped to the Subject from the Test Detail as follows:
 - a. ENGLI2
 - b. ALGEB1
 - c. BIOLO1
 - d. AMGOV1
 - If ALL state codes are entered in the Dictionary Detail, return value is state code for user entry on the System Admin> Assessment> Tests> Test Detail> Subject

The below conversion logic will not be done:

is EOCEXP: EOC
Exception System Admin >
Assessment > Tests
> Tests > Test Detail
> Subject

Test Detail Subject	Subject Extract return value (state code)
Comm Arts	ENGLI2
Math	ALGEB1
Science	BIOLO1
SocialStud	AMGOV1

OR

Where Student Info > General > Enrollments > Special Ed Fields > Map-A = checked, return a record for each of the 4 state assessment subject codes (ENGLI2, ALGEB1, BIOLO1, AMGOV1). Do not return > 1 record for each of the above state subject codes per student in the Subject field. If > 1 assessment record with an EOC exception code exists for a student for one of the 4 required EOCs, use the record where the Date on the Test Score Detail is the most recent.

• IF Assessment Type = ACT report blank for all records

Field Required Status:

ECOCEXP	OTHERS
R	С

DE145 P	Period	EOCSPR, or a	ny of the MAP	essment is EOCFAL, EOCSUM, PSPR assessment types (MATH, ELA, SC essment types.	Course/Section > Sections > Section Editor > Section Schedule Placement	
		only report the 01 02 03 04 05 06 07 08 09 10				
		Else report as	Null			
		Field Required	Status:			
		ECOCEXP	OTHERS			
		0	R			

DE150	Sort	The Map SortIf the Map room number	is on the Sec Sort value 1: per of the sec	then SORT value is expected. tion of a course. Room Number is selected, then report the tion the student is on the roster of. e for a section is flagged as homeroom, and	Student Information > General > Assessment Precode > MAP Sort	
		the Map So	ort value is 2:	Homeroom teacher, then report the last cher of the section the student is on the		
			nent Type = l	EOCEXP, value = NULL all records LEP or ACT report blank for all records		
		1 loid (toquilod	· Ctatao.			
		ECOCEXP	OTHERS			
		О	С			

DE155 Exam	inerEmail	Return the email address, if exists, for the individual returned in the Educator First Name and Educator Last Name fields. MAPSPR: Report primary teacher's > Email, from the primary teacher who is active as of report generation end date. (Primary teacher > Current Identity > Email) 1. Report when Course > Assessment Subject = ELA, LEP/ELL, MATH or SC and Course > Section > Assessment Type = MAPSPR a. If the teacher's email is blank, report blank, but continue to report out an overall record b. If student does not have any course's where subject area = ELA, MATH or SC, report one record for the student with field 155 =	Census > People > Demographics > Personal Contact Information > Email	
		If no email address exists, return blank IF Assessment Type = ACT report blank for all records Returns for the: EOC Fall, Spring and Summer reports and LEP/ELL report and MAPSPR: MAP extracts. For all other assessments, return blank within the column		

CAMPUS STAT	E SPECIFIC LOCALIZ	ZATIONS - MO - MOS	SIS PRE-CODE FILE	E - FRD	
ort Design/layout					

Calculations or Logic

#		
1	Identify the Report Data Elements that use this calculation.	Type calculation or logic requirements here.
2		
3		
4		
5		

CAMPUS STATE :	SPECIFIC LOCALIZATI	10115 - IVIO - IVIOSIS	PRE-CODE FILE -	FKU	
endix A - Data Setup					

