



Michigan Student Database System (MSDS)

Reports and Status Definitions

Questions?

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Introduction

This document contains tables showing the different file, collection and resolution statuses that are found in the Michigan Student Data System (MSDS), along with a brief description of each status. It also lists all of the reports planned for MSDS 2.0, again with brief descriptions. (NOTE: Some listed reports may not be available until later in the school year.)

Reports

The Reports table contains the name and brief description for each report in MSDS. Available reports will vary by collection. Most are available using Staging Area data (for data quality checks prior to certification) and certified data. CEPI incorporated some existing reports from CEPI's Single Record Student Database (SRSD), SRSD Error Check, DS4061/4120 (audit), Administrative Data Reports (ADR) as well as the Macomb Intermediate School District's SRSD02 application. We also added in some report features that were suggested by users. Many of the reports will look familiar; some have been altered to improve functionality.

Report Name	Report Description
12th Grade Graduate Summary	Count of all students in 12th grade exited with each graduation code with total counts
Alpha Listing of Students with PEPE Assigned	List of students and associated primary education providing entity (PEPE) district
Cohort Summary Report	Count of students in each graduation cohort. May also be sorted by multiple sub-group categories (user selected).
Collection Data Field Descriptions	Details about the characteristics included in the collection, similar to the former SRSD Data Field Descriptions.
Direct Certification Download Status	Report of districts that have downloaded or not downloaded (user selected) for a selected school year.
Direct Certification Student Status	Report of students identified as Directly Certified
Disciplinary Incident and Consequence Summary	Count of students by incident type and disciplinary action type. Has drill-down capability to view individual student information.
DS4061	Summary of all certified full-time equivalency (FTE) data.
Early Childhood Count By Fiscal Entity	Count of the children receiving early childhood services.
Early Childhood Count By Fiscal Entity And Age	Count of the children receiving early childhood services by age.
Early Childhood Count By Program	Count of the children receiving early childhood services by program.
Early Childhood Exit Reason	Count of the children leaving early childhood services by exit type.
Early Childhood Race/Ethnicity Count	Count of early childhood students by race/ethnicity.

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Report Name	Report Description
Exit Status Count	Exit Status Count Description
Gender/Race/Ethnicity Count	A count by grade level of the genders and races/ethnicities with totals
Grade or Setting With Age	List of all grades with minimum, maximum and average age. May be reported by building or district level (user selects).
List of Changed UICs	This report lists the student records that were resolved by the user and the UICs that were changed
List of Closed Entities Reporting Students	List of Closed Entities Reporting Students for selected collection
List of New UICs Created	This report lists the student records that resolved to a "New UIC Created"
List of Open Entities Reporting No Students	List of Open Entities Reporting No Students for selected collection
List of Open Entities Reporting Students	List of entities reporting student records for selected collection
List of Positive Matches	This report lists the student records that resolved to a "Match Found"
List of Resolved UICs	This report lists the student records that were resolved by the user
List of Retroactively Closed Entities	List of retroactively closed entities for selected collection
List of Retroactively Opened Entities	List of retroactively opened entities for selected collection
List of Unresolved Possible Matches	This report lists the student records that resolved to a "Resolution Required"
List of Users, Roles, Functions	Report of all users for a selected entity with their role and function permissions
Missing Student Report	Any student previously submitted as "continuing" and not having been exited who is not included in the current general collection.
PEPE Gains and Losses	List of students with PEPE changes/updates
Program Participation Count	Count of student records associated with each Program Participation code.
Pupil Membership Alpha Listing	Previously "Alpha List" in SRSD Error Check Reports with the addition of Adult Ed.
Residency Status Count	Count of student records per Residency code.
Resolution Summary	Count of student records submitted in each resolution status by entity.
Sortable Alpha Listing	Sortable version of the Pupil Membership Alpha Listing without totals
Staging Area FTE Summary Report	Summary of all FTE data currently contained in the Staging area.

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Report Name	Report Description
Staging Summary	Summary report of all open entities that have submitted data and the number of records submitted for each entity for the current collection by submitting entity and the entities that fall within the submitting entity's hierarchy.
Student Attendance Summary	Report of the minimum, maximum and average days attended compared to the minimum, maximum and average days of possible attendance.
Student Count by FTE status	Count of student records by FTE Status
Student Count per Grade and Setting	Count of Student records submitted by Grade and Setting Description
Submitted Records without PEPE Assigned	List of students without an assigned PEPE
Supplemental Nutrition	Count of students reported as eligible for free or reduced-price lunch/milk program. (Spring and EOY General Collections only)
UIC Resolver List	Statewide list of all UIC resolvers with contact information. (Also available from Reports menu)
Validation Detail	Sortable list of individual errors and warnings at the student record level. Sortable by multiple options.
Validation Summary	Total number of errors and warnings in the current collection by submitting entity.

Status Definitions

Within MSDS overview and detail screens there are a variety of statuses. These may apply to a record (Field-Level Validation, UIC Resolution), a file (File Upload) or a collection (Certification). Each table in this section lists the possible status and its brief definition.

File Upload Status – Indicates the files status in the upload and file validation process.

The screenshot shows the 'File Upload Status' interface. The left sidebar contains navigation links, with 'Uploaded File Status' circled in red. A red arrow points from a text box to this link. The main content area displays a table of uploaded files. The 'Status' column in the table is circled in red, and a red arrow points from a text box to it. The text box contains the note: 'The current status of the file is shown here. NOTE: The screen must be refreshed to see if the status has changed.'

Collection	Zip File Name	File Name	Notes	Uploaded Date	Source	Status	Uploaded By User
Fall 2009 General Collection 2009-2010		GeneralCollection_Error.xml		09/29/2009 02:35 PM	File Upload UI	Failed File Level Validation	Doris Mann
Fall 2009 General		General					Doris Mann

Status Message	Description
Upload Failed	Indicates that something occurred between the client and the Web server. We would not expect to see this except in catastrophic situations (hard drive failure at the State Of Michigan (SOM), etc.)
Uploaded Successfully	File was uploaded to the Web services server
Problems Processing ZIP file	The ZIP file uploaded was corrupt or contained invalid file types
Problems Processing TXT file	In attempting to convert the TXT to XML we encountered a corrupted text file
Written to Queue Available for Processing	The file was accepted and is waiting in the queue for processing.
Max Retry Exceeded - Removed from Queue	This would indicate that something has gone seriously wrong with the processing of this file and needs to be reported to Michigan Department of Information Technology (MDIT) for remediation.
Processing File Level Validation	The file is being processed for schema issues, required UIC, duplicate students and other file-level validation issues.
Failed File Level Validation	The file-level validation failed and the validation issues will be listed on the File Upload Details form

Status Message	Description
Passed File Level Validation	The file passed the file-level validation checks.
Processing Load Data Collection	The XML file is being loaded to the Data Collection area.
Failed Load Data Collection	This would indicate that something has gone seriously wrong with the processing of this file and needs to be reported to MDIT for remediation.
Completed Load Data Collection	The XML file was successfully loaded to the Data Collection area.
Processing Load Staging Area	The data is being loaded from the Data Collection area and consolidated in the Staging area.
Failed Load Staging Area	This would indicate that something has gone seriously wrong with the processing of this file and needs to be reported to MDIT for remediation.
Completed Load Staging Area	The data has been loaded to the Staging area successfully.
Processing Field Level Validation	The data in the Staging area is being processed for Field Level validation.
Failed Field Level Validation	This would indicate that something has gone seriously wrong with the processing of this file and needs to be reported to MDIT for remediation.
Completed Field Level Validation	The data in the Staging area has been successfully validated.
Processing Bulk UIC Resolution	The data in the Staging area is being processed for Bulk UIC Resolution (100 percent match)
Failed Bulk UIC Resolution	This would indicate that something has gone seriously wrong with the processing of this file and needs to be reported to MDIT for remediation.
Completed Bulk UIC Resolution	The data in the Staging area has been processed through bulk resolution.
Processing Detailed UIC Resolution	The data in the Staging area is being processed for Detailed UIC Resolution (matching rules)
Failed Detailed UIC Resolution	This would indicate that something has gone seriously wrong with the processing of this file and needs to be reported to MDIT for remediation.
Completed Detailed UIC Resolution	The data in the Staging area has been processed through detailed resolution.
Processed Successfully	The data in the Staging area has been processed successfully.

Field Level Validation Status – Indicate the status of the student record. All records within the collection must be in the status "Error Free with Warnings" or "Error Free with No Warnings" in order for the collection to be certified.

Staging Area Detail

Profile: Super User A- | A+

Select your filter criteria...

Submitting Entity: Mt. Morris Consolidated Schools (25040)
Collection: Fall 2009 General Collection 2009-2010

Total Records - 103 Quality Review

Validation Status	
Errors Exist	4
Error Free with Warnings	5
Error Free with No Warnings	94
Pending Validation	0
Processing Validation	0
Validation Failed	0

Validation Reports

Select a report:

Select a format:

Run Report

UIC Request Denied: 0
UIC Resolution Failed: 0 Run Report

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z All Clear All Filter...

Select All Unselect All Delete Selected Add Direct Search / Add

Your search yielded 103 result(s).

Select	User Notes	UIC	Last Name	First Name	Gender	Date of Birth	Validation Status	Resolution Status
<input type="checkbox"/>		4306219460	AMIDALA	PADME	F	11/05/1999	Error Free with No Warnings	Match Found
<input type="checkbox"/>		708608					Error Free with Warnings	Match Found
<input type="checkbox"/>		935475					Error Free with Warnings	Match Found

And here in the individual record grid showing the current status of each student record. NOTE: The status will update each time the user edits the record.

Status Message	Description
Pending Validation	Student is ready for field-level validation
Errors Exist	Field-level validation errors exist for the student
Error Free with Warnings	Field-level validation warnings exist for the student
Error Free with No Warnings	No Field-level validation errors or warnings exist for the student
Processing Validation	Student is being processed for field-level validation
Processing Failed	Processing of the student failed and should be reported to MDIT

UIC Resolution Status – Indicates the current status of the record in the UIC matching process.

Staging Area Detail

Select your filter criteria...

Submitting Entity: Mt. Morris Consolidated Schools (25040)
Collection: Fall 2009 General Collection 2009-2010

Total Records - 103 Quality Review

Validation Status

Errors Exist	4
Error Free with Warnings	5
Error Free with No Warnings	94
Pending Validation	0
Processing Validation	0
Validation Failed	0

UIC Resolution Status

Requires Resolution	0
Match Found	103
Used Previous Resolution Result	0
New UIC Generated	0
New UIC Requested	0
Not Eligible for Resolution	0
Pending Resolution	0
Processing Resolution	0
Requires New UIC Not Allowed for Collection	0
UIC Request Denied	0
UIC Resolution Failed	0

This area shows the total number of records in the collection that are currently in each status type.

ABCDEF GHIJKL MNOPQRST UVWXYZ All Clear All Filter...

Select All Unselect All Delete Selected Add Direct Search / Add

Your search yielded 103 result(s).

Select	User Notes	UIC	Last Name	First Name	Gender	Date of Birth	Validation Status	Resolution Status
<input type="checkbox"/>								Match Found
<input type="checkbox"/>								Match Found

This area shows the current resolution status for each record in the collection. For most collections, all records must be in the status "Match Found" or "New UIC Generated" for the collection to be certified.

Status Message	Description
Pending Resolution	Student is ready for UIC Resolution
Match Found	A match was found for the student in the Student Master
Requires Resolution	Multiple choices for matching were found for this student and will require resolution
Not Eligible for Resolution	The student requires resolution but the collection does not allow for it.

Status Message	Description
New UIC Generated	No matches were found for the student and a new UIC was generated.
New UIC Requested	The student record required resolution and the resolver has requested a new UIC.
Processing Resolution	The student record is being processed for UIC resolution.
Used Previous Resolution Result	The student record was previously resolved for this collection and submitting entity
Requires New UIC Not Allowed for Collection	No matches were found for the student and a new UIC was required but the collection does not allow it.
UIC Request Denied	The request for a new UIC was rejected on the Manage Request for UIC form.

Certification Status – Indicate the status of the collection relative to certification. NOTE: The certification status updates upon upload and each time the Quality Review process is run.

The screenshot shows the SDS Staging Area interface. A table lists collections with columns for Collection, Students, Certification Status, Last Certified, and Collection Open?. The 'Fall 2009 General Collection' has a status of 'Errors Exist'. A tooltip explains that the certification status is based on the last Quality Review process. Red circles highlight the 'Certification Status' column and the 'Errors Exist' value.

Collection	Students	Certification Status	Last Certified	Collection Open?
Early Roster 2009-2010		Certification not Required	Upload	Yes
Fall 2009 General Collection 2009-2010	103	Errors Exist	Upload Download Delete Certify	Yes
Request for UIC 2009-2010	94	Certification not Required	Upload Download Delete	Yes

Status Message	Description
Pending Certification	The Staging area is available for certification.
Certification Errors Exist	The Staging area was processed through Quality Review and errors were found.
No Certification Errors. Warnings exist	The Staging area was processed through Quality Review and warnings were found.

Status Message	Description
No Certification Errors or Warnings	The Staging area was processed through Quality Review/Certification and no errors or warnings were found.
Processing Certification	The Staging area is being processed through Quality Review.
Certified - Closed	The Staging area was certified and is closed for further changes.
Certification not Required	The collection is not available for certification.
Certified - Ongoing	The Staging area was certified and the collection allows for further changes and certification.

File Download Status – Shows the status of the file requested for download.

Indicates the current status of the file for download. This screen must be refreshed to update the status.

Submitting Entity	Collection	Data Source	Status	Created Date	File Name
Clare Public Schools(18010)	Early Childhood 2009-2010	Staging	Ready for Download	9/15/2009 1:35:37 PM	Doris Mann-9-15-2009 1-28-23 PM.xml
Columbia School District(20046)	Fall 2009 General Collection 2009	Staging	Ready for Download	9/8/2009 3:56:48 PM	Doris Mann-9-8-2009 3-49-41 PM.xml
Clare Public Schools(18010)	Early Childhood 2009-2010	Staging	Ready for Download	8/31/2009 2:03:08 PM	Doris Mann-8-31-2009 1-56-07 PM.xml

Click here to bring access the Download Status screen showing all the files that you have requested for download.

Status Message	Description
Pending	The download request is in the processing queue.
File Generation In Progress	The file is being created for download.
Ready for Download	The file has been created and is ready for download.
File Generation Failed	An error occurred during the file creation. If you receive this message, try the download request again and then contact CEPI customer support if it fails again.