MN Counting All Students Near Real Time

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Overview

- JMC is releasing a series of Minnesota Counting All Students (CAS) (Ed-Fi) videos in 2019.

- These videos will be short and will cover topics such as
  - Start Year
  - Mid Year
  - Year End
  - Near Real Time vs. Batch Processing
  - Near Real Time
  - Minnesota Miscellaneous
  - Error Correction
  - Counting All Students: 2019-2020 and beyond

CAS Near Real Time

Near Real Time submission allows you to have data automatically submitted any time you edit a student. Near Real Time processing can be enabled any time after initial Start Year batch processing has been completed

CAS Near Real Time On-boarding

- Make sure you have "on-boarded" for the new school year before enabling Near Real Time
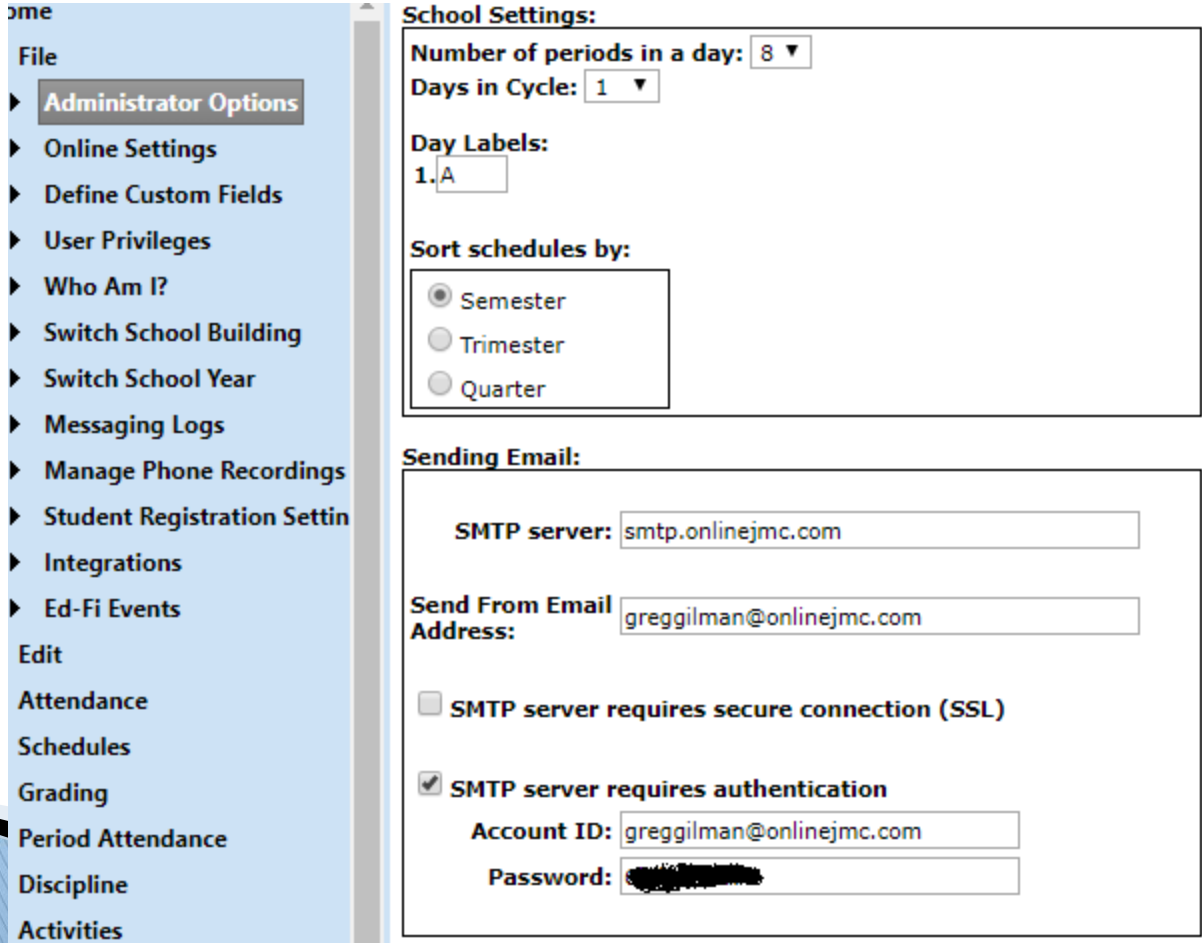 - <u>Minnesota – Counting All Students – Start Year</u>
    - All tabs

CAS Near Real Time

Near Real Time Setup

• Make sure you have finished Start Year processes first

•<u>File – Administrator Options</u>
  •Ed-Fi Settings
    •Enable Ed-Fi Interchanges in Near Real Time
    •Ed-Fi Near Real Time Error Notification Email Address
  •SMTP Settings
    •Acquire from Eric Doyle (eric@jmcinc.com)

CAS Near Real Time

Here I am using my own SMTP settings for the testing environment. The clients will have their own SMTP settings as provided by Eric

ome

File

▶ **Administrator Options**
▶ **Online Settings**
▶ **Define Custom Fields**
▶ **User Privileges**
▶ **Who Am I?**
▶ **Switch School Building**
▶ **Switch School Year**
▶ **Messaging Logs**
▶ **Manage Phone Recordings**
▶ **Student Registration Settin**
▶ **Integrations**
▶ **Ed-Fi Events**
Edit
Attendance
Schedules
Grading
Period Attendance
Discipline
Activities

School Settings:

Number of periods in a day: 8 ▼
Days in Cycle: 1 ▼

Day Labels:
1. A

Sort schedules by:

◉ Semester
○ Trimester
○ Quarter

Sending Email:

SMTP server: smtp.onlinejmc.com

Send From Email Address: greggilman@onlinejmc.com

☐ **SMTP server requires secure connection (SSL)**

☑ **SMTP server requires authentication**

Account ID: greggilman@onlinejmc.com

Password: ▓▓▓▓▓▓▓

CAS Near Real Time

Here is the Ed-Fi Settings page, showing how to enable NRT and set the email address for error notification

Enable Ed-Fi Interchanges:	☑
Enable Ed-Fi Interchanges in Near Real Time:	☑
Ed-Fi Near Real Time Error Notification Email Address:	greg@jmcinc.com
API URL:	https://test.edfi.education.mn.gov/EdFi.Ods.WebApi/api/v2
Authentication URL:	https://test.edfi.education.mn.gov/EdFi.Ods.WebApi
Client Key:	
Client Secret:	

Save

CAS Near Real Time

Almost immediately upon enabling Near Real Time there can be events processed that result in errors.

The error messages will look very similar to what you might see during batch processing, however they will be sent to the designee via email instead of showing up immediately on the page in a summary report.

Generally, the client will only see errors in the report, not processes that ended successfully.

CAS Near Real Time

Email with Errors – Example

Update a Student

greg@jmcinc.com
9:23 AM (11 minutes ago)
to me
Ed-Fi Near Real Time error(s):

403 Forbidden; Authorization denied based on the authentication credentials provided there is another education organization that has a current studentSchoolAssociation (enrollment) and therefore update not allowed

CAS Near Real Time

Email with Errors – Example

File – Ed-Fi Events

Status Codes:
- A – Add
- C – Change
- E – Error
- P – Processed

Refresh	From Date:	1/28/2019	To Date:	1/30/2019	

Delete AutosequenceID Range From: [   ] To: [   ] **Delete**

Update Date	Status	Event Type	Resource Type	Comment When Logged	Comment When Processed	HTTP Code	Auto Sequence ID	Course Number
Edit Delete 01/30/2019 08:59:41 AM	A	UPDATE	Student				9016	
Edit Delete 01/29/2019 11:21:54 AM	P	UPDATE	LEAsTableFromAPI		Record Count: 446 Error count: 0		9015	

Above: Before Processed – Status A; Below: After Process Attempt – Status E
Note: the processing may happen so fast that you will not see status A in table

Refresh	From Date:	1/28/2019	To Date:	1/30/2019	

Delete AutosequenceID Range From: [   ] To: [   ] **Delete**

Update Date	Status	Event Type	Resource Type	Comment When Logged	Comment When Processed	HTTP Code	Auto Sequence ID	Course Number
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CAS Near Real Time

Email with Errors – Example

Issue
- Possible overlap in claim to student
- Student may have transferred out of your district – drop student correctly?

Solution
- If issue is with your data, fix and resubmit
- If issue is with another school district's data, contact them and have them fix and resubmit

CAS Near Real Time

On-boarding – make sure error counts get to zero

MN Ed-Fi Start Year

Prep | Tables | Students

Use Counting All Students - Update Grade to submit your student data for the start of the year.

Prior Related Updates

02/01/2019 15:00:20 PM SEOA	by: JMCADMIN	Record Count: 2 Error count: 0
02/01/2019 14:59:43 PM SSA	by: JMCADMIN	Record Count: 2 Error count: 0
02/01/2019 14:59:42 PM SSA	by: JMCADMIN	Record Count: 4 Error count: 0
02/01/2019 14:59:42 PM SEOA	by: JMCADMIN	Record Count: 1 Error count: 0
02/01/2019 14:59:42 PM Student	by: JMCADMIN	Record Count: 1 Error count: 0
02/01/2019 14:58:23 PM SEOA	by: JMCADMIN	Record Count: 2 Error count: 0
02/01/2019 14:57:38 PM SSA	by: JMCADMIN	Record Count: 2 Error count: 0
02/01/2019 14:57:38 PM SSA	by: JMCADMIN	Record Count: 4 Error count: 0
02/01/2019 14:57:38 PM SEOA	by: JMCADMIN	Record Count: 1 Error count: 0
02/01/2019 14:57:38 PM Student	by: JMCADMIN	Record Count: 1 Error count: 0
02/01/2019 14:44:29 PM SEOA	by: JMCADMIN	Record Count: 1 Error count: 0
02/01/2019 14:44:28 PM Student	by: JMCADMIN	Record Count: 1 Error count: 0
02/01/2019 14:44:28 PM SSA	by: JMCADMIN	Record Count: 2 Error count: 0
02/01/2019 14:44:28 PM SSA	by: JMCADMIN	Record Count: 4 Error count: 0
02/01/2019 14:44:28 PM SEOA	by: JMCADMIN	Record Count: 1 Error count: 0
02/01/2019 14:44:08 PM StudentExpanded	by: JMCADMIN	
02/01/2019 14:43:43 PM StudentExpanded	by: JMCADMIN	
02/01/2019 14:41:27 PM StudentExpanded	by: JMCADMIN	

CAS Near Real Time

Prep tab
   Good opportunity to verify
Update Tables
On-boarding – need a clean slate
   ALL resources
   ALL tabs

CAS Near Real Time Email Errors – More

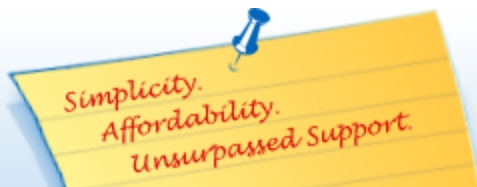Part of this Counting All Students video series – will be a video devoted to just error correction.

MDE Ed-Fi (CAS) Resources

- https://education.mn.gov/MDE/dse/count/

JMC Resources

- http://jmcinc.com/state_reporting
- Documentation Updates
  - Minnesota State Reporting (PDF)
  - Instructional Videos Series
  - Sign up for free web-based training
  - All will be updated on ongoing basis

JMC Inc.

Phone: 1.800.524.8182
Tech Support: support@jmcinc.com
🖥 Client FTP Login

Online
TECHNICAL SUPPORT

STUDENT RECORD MANAGEMENT SOFTWARE
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CURRENT BUILD DATE:
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Administrators
Teachers
State Reporting
Food Service Professionals
Health Professionals
Prospective Clients
Contact Us
Office Supplies
Upcoming Events

News

There are a lot of changes happening with state reporting. Please refer to the appropriate tab at right for your state for information about documentation updates, deadlines, and related news.

Remote Technical Support

STATE REPORTING

All State Reporting resources are available for you on this page. Please click on the tab that contains the state reporting information you need.

| Minnesota | Wisconsin | Nebraska | Iowa | Other States |

JMC prides itself on keeping up-to-date on all Minnesota state reporting requirements. All Minnesota state reporting options are contained in the JMC Minnesota module and include options for MARSS, MCCC, Early Education Student, Perkins, STAR, and Graduation Standards reporting. Before you upload your files to the Minnesota Department of Education, most file generation options in the JMC Minnesota module will generate an error report for you. This means you can correct nearly all issues with your data before uploading your files to MDE.

Early Education   MARSS   MCCC   Perkins   STAR

RECENT PRESENTATIONS

| MDE Ed-Fi Overview from JMC 2018 Summer Conference in Chaska | PDF 8/2/2018 |

DOCUMENTATION

| Minnesota State Reporting | Updated 9/19/2018 |
| Attendance MN | Updated 4/26/2018 |

JMC Minnesota State Reporting News

JMC Will Pilot Minnesota Ed-Fi (Counting All Students) During 2018-19 School Year

Questions?

- Feel free to contact us:
- JMC Technical Support
    - Talk with Us: 800-524-8182
    - Website: http://www.jmcinc.com
    - Support Tickets: http://tickets.jmcinc.com/
    - Email: Support@jmcinc.com