Ohio Department of Public Safety
Division of Emergency Medical Services

EMS Incident Reporting System (EMSIRS)
User Guide

October, 2020
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Section I: File Upload

EMS file uploads

Only EMS data files that are NEMSIS 3.4 compliant and XML formatted will be accepted by the Ohio EMSIRS file upload site. Maximum acceptable file size is 30MB. Please DO NOT include attachments.

System Requirements and Limitations

- The new system performs best when the latest version of Google Chrome or Internet Explorer version 9+ is used.

To download Google Chrome, please use this link: https://www.google.com/chrome/browser

To download Internet Explorer, please use this link: https://www.microsoft.com/en-us/download/internet-explorer.aspx

- This web-based application requires that Javascript be enabled. You will receive an error message if it is not enabled. Please contact your Agency’s technical Support to have Javascript enabled on your computer if you receive the error.

- The system will support use from a cell phone or tablet, but functions best when used on a computer.
Website and Login

1. Enter Ohio EMS file upload site using the following web address: https://services.dps.ohio.gov/emsirs/

   Note: You will need an active ODPS Identity Manager account in order to sign in. If you do not have one, you can register by clicking the “Register!” link on the sign in screen. Additional instructions can be found on the EMS Data Center website: https://www.ems.ohio.gov/data-center.aspx

2. At the login screen, enter your e-mail address and password, then click “Log in.”

3. Select the agency for which you will be submitting records.
Uploading an EMS file

1. After logging into EMSIRS, the following screen will appear.
2. Click “File Upload”.
3. After clicking the “File Upload” button on the left, this screen will appear.
4. Click the “Browse” button. Locate the file on your computer that you wish to upload. Click on the file to highlight it, then click the “Open” button to select it.

   NOTE: Only XML formatted files can be uploaded! Files must follow NEMSIS version 3.4, and can have a max size of 30MB.

5. The file name and location will be populated to the “Select File” box.

6. Click “Upload.” If your file was uploaded properly, a green banner stating “File Submitted” will appear briefly. Otherwise, an error message will appear.
Reviewing Your Submissions

1. To view your submissions, click the “View Submissions” button.

2. Filters are available in order to view submissions. Select filters as appropriate and click “Search”. Recently uploaded files will appear in the “Results” section at the bottom of the screen and are sorted with the most recent submissions listed first.

3. An in-depth Submission Review guide is available later in this document.
Exiting the System
To exit the website, click the down arrow next to your username in the upper right corner of the screen to open a menu. Click “Log Out”.

tester@test.gov
Section II: Web Entry

System Requirements and Limitations

- The new system performs best when the latest version of Google Chrome or Internet Explorer version 9 + is used.

To download Google Chrome, please use this link: https://www.google.com/chrome/browser

To download Internet Explorer, please use this link: https://www.microsoft.com/en-us/download/internet-explorer.aspx

- This web-based application requires that Javascript be enabled. You will receive an error message if it is not enabled. Please contact your Agency’s technical Support to have Javascript enabled on your computer if you receive the error.

- The system will support use from a cell phone or tablet, but functions best when used on a computer.
Website and Login

1. Enter Ohio EMS web entry site using the following web address:
   https://services.dps.ohio.gov/emsirs/

   Note: You will need an active ODPS Identity Manager account in order to sign in. If you do not have one, you can register by clicking the “Register!” link on the sign in screen. Additional instructions can be found on the EMS Data Center website: https://www.ems.ohio.gov/data-center.aspx

2. At the login screen, enter your e-mail address and password, then click “Log in.”

3. Select the agency for which you will be submitting records.
Web Entry

1. After logging into EMSIRS, the following screen will appear.
2. Click “Web Entry”.

3. After clicking the “Web Entry” button on the left, this screen will appear.

4. Click “New Entry” to begin entering a new record. The following screen will appear.
5. Enter the appropriate information into each field and click “Create”. The following screen will appear.

**TIP!** Use the tabs and sub-tabs at the top of the page to navigate through the screens. You cannot move to the next screen until you finish and save your current screen, and there are no errors.
6. Enter the appropriate information and/or make a selection from the drop down box for every field.
7. When all fields have been completed for that screen, click “Save”.

**TIP!** The system will check for errors. If there are none, a Success banner will display at the top of the page.

**TIP!** If a field is left incomplete or there is an error, a red message will appear directly below the field. Address the error by entering the correct information, and click “Save” when you are done with that screen.

Cardiac Arrest
- No

Mass Casualty
- Select

Number of Patients at Scene
- Select

Triage Classification for MCI Patient
- Select

The Mass Casualty field is required.

The Triage Classification for MCI Patient field is required.
8. Move to the next tab and continue entering data. When all tabs have been completed, it is time to submit your record. Click the green “Submit” tab on the right.

9. After you select the “Submit” tab, the following screen will appear.

10. Click the box to indicate that you agree with the attestation. Then click the “Submit Entry” button.

11. The system will check for errors one last time. If any errors remain, they will be displayed on this screen. The error message indicates the tab where the error resides and describes the error. Go back to the tab and fix the stated error. Don’t forget to click the Save button at the bottom of the screen after you have fixed the error(s). Return to the Submit tab, click the attestation box and click Submit Entry again to submit your record.
12. If there are no errors, your record has been submitted and a success banner will display. Submitted records will be displayed under the “Submitted” tab, as shown below.

13. You are done! Success!

**TIP!** If you are unable to complete entering a record in full, it will be saved in the “In-Process” tab and you can return to it at a later time.

**TIP!** Records, both in-process and submitted are viewable and editable for 7 days only. After that time frame, the in-process records are deleted and the submitted records are catalogued, but no longer viewable.

**TIP!** The system will “time out” and log you out after 19 minutes and 59 seconds if you do not save your data or switch tabs.

**TIP!** Be aware of the “+ADD” button on some screens. Some data fields can accept multiple entries. In some cases, “+ADD” must be clicked in order to enter data for that field. In other cases, “Add” must be clicked to record your selection and allow for additional selections.
Exiting the System
To exit the website, click the down arrow next to your username in the upper right corner of the screen to open a menu. Click “Log Out”.

tester@test.gov
Section III: Web Service Submission

Please have your ePCR software vendor contact the Ohio Division of EMS for technical requirements, instructions and credentials.

Phone: 1-800-233-0785
E-mail: emsdata@dps.ohio.gov
Section IV: Submission Review

What: Use the Submission Review to view submission reports for files that have been uploaded by you, or automatically by your software vendor.

Who: EMS agencies who submit files via file upload, or by automatic submission from your software vendor, should utilize the Submission Review feature.

Why: This feature is used to verify that files were indeed loaded into Ohio EMSIRS, whether submitted by file upload or automatic submission. In addition, the submission report will identify any errors, which must be fixed by the EMS agency.

System Requirements and Limitations

- The new system performs best when the latest version of Google Chrome or Internet Explorer version 9+ is used.

  To download Google Chrome, please use this link: https://www.google.com/chrome/browser

  To download Internet Explorer, please use this link: https://www.microsoft.com/en-us/download/internet-explorer.aspx

- This web-based application requires that Javascript be enabled. You will receive an error message if it is not enabled. Please contact your Agency’s technical Support to have Javascript enabled on your computer if you receive the error.

- The system will support use from a cell phone or tablet, but functions best when used on a computer.
Quick Start

How to review data submissions in the Ohio EMS Incidence Reporting System

1. Log on to: https://services.dps.ohio.gov/emsirs/

2. Select your agency.

3. Click View Submissions.

4. Submissions will appear in a list on the Results portion of the screen. Apply filters as needed and click the “Search” button.

5. Pay close attention to the “Processing Status” column. There will be one of four status messages:
   a. **Pending:** The submission was received and is in the queue to be validated and loaded.
   b. **Processing:** The submission is being validated by the system.
   c. **Processed:** Individual records from the submission that passed validation have been loaded. Please check the '# Failed' column for any records that need to be corrected and reloaded. Individual records that FAIL were not loaded.
   d. **Failed:** The entire file submission failed validation and was NOT loaded.

5. Click the “View” button to see submission details, results, warnings and errors if applicable.

6. Note files with errors; correct them in your local software and resubmit them to EMSIRS.
**Website and Login**

Enter Ohio EMSIRS through this website: [https://services.dps.ohio.gov/emsirs/](https://services.dps.ohio.gov/emsirs/)

Note: You will need an active ODPS Identity Manager account in order to sign in. If you do not have one, you can register by clicking the “Register!” link on the sign in screen. Additional instructions can be found on the EMS Data Center website: [https://www.ems.ohio.gov/data-center.aspx](https://www.ems.ohio.gov/data-center.aspx)

1. At the login screen, enter your e-mail address and password, then click “Log in.”

2. Choose the agency you would like to view from the drop down list and click “Select.”
Reviewing your Submission

1. Once you are logged in, the following screen will appear. Click “View Submissions” on the left.

2. The “Submissions” screen will appear.

The “Results” section, which is in the bottom half of the screen, displays a list of submission files. The most recent submissions are at the top of the list.

Filters allow you to narrow your results to match certain criteria including PCR number, Submission Date Range, Submitting User and Processing Status. Apply filters if needed and click “Search”. Submissions matching your search criteria will display below.

- **Submission Date From and Submission Date To:** Filter for a specific date or date range that records were submitted. Choose date or range from pop up calendar.
- **Submission Date Range:** Filter for a date range that records were submitted. Choose date range from drop down list.
- **PCR Number:** Filter submissions by a specific Patient Care Report number. Enter a specific PCR number.
- **Submitting user**: Filter submissions by the username of the individual or vendor that submitted the file(s). Enter username.
- **Processing Status**: Filter submissions by Pending, Processing, Processed or Failed status. Select status from drop down list.
**Results List**

Each line represents a file that was uploaded. See the # Records column for the number of records contained in that file.

<table>
<thead>
<tr>
<th>File Name</th>
<th>NEMSIS Version</th>
<th>Target Agency Code</th>
<th>Target Agency Name</th>
<th>Submission Date</th>
<th>Submitting User</th>
<th>Start Date</th>
<th>End Date</th>
<th># Records</th>
<th># Success</th>
<th># Warning</th>
<th># Failed</th>
<th>Processing Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vendor_201912545.xml</td>
<td>3.4.0</td>
<td>99999</td>
<td>TESTER</td>
<td>7/1/2019 12:53:33 PM</td>
<td>Vendor</td>
<td>7/1/2019 9:49:01 AM</td>
<td>7/1/2019 11:24:36 PM</td>
<td>8</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>Processed</td>
</tr>
<tr>
<td>Vendor_201909896.xml</td>
<td>3.4.0</td>
<td>00-000</td>
<td>TESTER</td>
<td>7/1/2019 2:53:35 PM</td>
<td>Vendor</td>
<td>6/3/2017 4:02:21 PM</td>
<td>6/3/2017 4:02:21 PM</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>Processed</td>
</tr>
</tbody>
</table>

The following information is available to you about each submission file:

- **File name**: The name of the submission.
- **NEMSIS Version**: NEMSIS version the file was submitted as.
- **Target Agency Code**: The Agency Code for which the submitted file was intended.
- **Target Agency Name**: The Agency Name for which the submitted file was intended.
- **Submission Date**: The date and time the file was submitted.
- **Submitting User**: The user who submitted the file.
- **Start Date**: The earliest “unit notified by dispatch date/time” (eTimes.03) of a record in the file.
- **End Date**: The latest “unit notified by dispatch date/time” (eTimes.03) of a record in the file.
- **# Records**: The number of records in the file.
- **# Success**: The number of records which had no errors or warnings
- **# Warning**: The number of records which had no errors, but do have warnings. These records will load.
- **# Failed**: The number of records which failed. These records will NOT load.
- **Processing Status**: Current status of processing, with link to submission report.
  - Pending: The submission was received and is in the queue to be validated and loaded.
  - Processing: The submission is being validated by the system.
  - Processed: Individual records from the submission that passed validation have been loaded. Any records that failed were not loaded. Please check the '# Failed' column for

Files are put into a queue when received, and then processed approximately every 15 minutes. If you see files listed as “Pending”, please wait and give these files time to process and load. Come back to the submission review at a later time.
the number of records that need to be corrected and reloaded. Individual records that FAIL were not loaded.

There may be some individual records that failed validation and were not accepted. Those records that generated errors shall be corrected and resubmitted by the EMS Agency.

- **Failed**: The entire file submission failed validation and was NOT loaded.

Submissions that failed shall be corrected and resubmitted by the EMS Agency. You may need to ask for assistance from your software vendor.

- Details of all submissions can be found by clicking on the “View” button to the right of Processing Status.

**Shading Within the Results List**
Colored shading of files within the Results List indicates if specific submissions successfully processed, had only warnings, or had failures reported.

<table>
<thead>
<tr>
<th>File Name</th>
<th>NEMS Version</th>
<th>Target Agency Code</th>
<th>Target Agency Name</th>
<th>Submission Date</th>
<th>Submitting User</th>
<th>Start Date</th>
<th>End Date</th>
<th># Records</th>
<th># Success</th>
<th># Warning</th>
<th># Failed</th>
<th>Processing Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vendor_201802044444.xml</td>
<td>3.4.0</td>
<td>02-4444</td>
<td>TESTER</td>
<td>5/16/2019 1:34:51 PM</td>
<td>Vendor</td>
<td>2/26/2019 4:42:56 PM</td>
<td>2/26/2019 4:42:56 PM</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>Processed</td>
</tr>
<tr>
<td>Vendor_201802223333.xml</td>
<td>3.4.0</td>
<td>99-9999</td>
<td>TESTER</td>
<td>5/16/2019 1:36:19 PM</td>
<td>Vendor</td>
<td>1/26/2019 4:47:37 PM</td>
<td>1/26/2019 4:47:37 PM</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>Failed</td>
</tr>
</tbody>
</table>

Shade legend:
- Red / Failed – The entire file submission failed validation and was NOT loaded. Any file shaded red must be reviewed, errors corrected and resubmitted.
- Red / Processed – One or more records in the submission failed validation and those records were NOT loaded. Other records in that submission may have processed with no warnings, or with warnings. The records that failed must be reviewed, corrected and resubmitted.

Submissions shaded red must be reviewed. Records that failed or generated errors shall be corrected and resubmitted by the EMS Agency.
• Yellow – Indicates that all records in that submission processed but at least one record had warnings.

**Submissions shaded yellow should be reviewed. Correction of the records that generated warnings should be considered.**

• Green – Indicates that all records processed without any errors or warnings.

### Viewing Submission Reports

A Submission Report showing submission details, errors and warnings can be viewed by clicking on the “View” button next to the Processing Status column. Use the contents of each report to review warnings, errors and submission failures. **Records that failed or have errors must be fixed by the EMS agency and resubmitted.**
**Submission Details**

The Submission Details section provides an overview of the submission.

### Submission Details

<table>
<thead>
<tr>
<th><strong>Submission Details</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Submission ID</td>
<td>aa03e027-1335-42fa-959e-df6ed8877d45d</td>
</tr>
<tr>
<td>NEMSIS Version</td>
<td>3.4.0</td>
</tr>
<tr>
<td>Submission Type</td>
<td>Web Service</td>
</tr>
<tr>
<td>File Name</td>
<td>Vendor 20192232333.xml</td>
</tr>
<tr>
<td>Target Agency Code</td>
<td>30-990</td>
</tr>
<tr>
<td>Target Agency Name</td>
<td>TESTER</td>
</tr>
<tr>
<td>Submission Date</td>
<td>5/10/2019 11:28:28 AM</td>
</tr>
<tr>
<td>Submitting User</td>
<td>Vendor</td>
</tr>
<tr>
<td>Submission Start Date</td>
<td>2/6/2019 11:41:30 AM</td>
</tr>
<tr>
<td>Submission End Date</td>
<td>2/6/2019 11:41:30 AM</td>
</tr>
<tr>
<td>Submission Total Record Count</td>
<td>1</td>
</tr>
<tr>
<td>Submission Success Record Count</td>
<td>0</td>
</tr>
<tr>
<td>Submission Failure Record Count</td>
<td>1</td>
</tr>
<tr>
<td>Submission Warning Record Count</td>
<td>0</td>
</tr>
<tr>
<td>Total Error Message Count</td>
<td>1</td>
</tr>
<tr>
<td>Total Warning Message Count</td>
<td>0</td>
</tr>
<tr>
<td>Processing Status</td>
<td>Failed</td>
</tr>
</tbody>
</table>
Submission Records

The Submission records section shows each record in the submission, by PCR number. Click on the “View Messages” button to view the details of the errors or warnings for that specific record. (Or scroll to the “Submission Results” section and see the same message.)

Submission Results

The Submission Results section shows all error and warning messages that apply to the submission, sorted by PCR number.

- **Message Type**: Indicates if a WARNING or ERROR is present.
  - Schematron warnings or errors list the data element that is incorrect. These can usually be fixed locally by the agency.
  - XML errors indicate errors with the structure of the file or event element. They are more advanced and may necessitate assistance from your software vendor.
  - Reminder: Records that failed or have errors must be fixed by the EMS agency and resubmitted.
- **Message:** Describes in plain language the field name and what is missing or incorrect, including additional fields that may be affected.
- **Location:** The EMS Event Element(s) that are affected or contribute to the error or warning.
- **Value:** The seven digit numerical code assigned by NEMSIS that represents the text that was selected to populate that field. If the value column is blank for that field, the field was not populated. Please refer to the Ohio EMSIRS Data Dictionary for more information.

**Error detail: (Failed record)**

A record with an error will be noted in the “Message Type” column. The “Message” column describes the error. In this example, EMS Transport Method and Transport Mode from Scene must be completed based on the Incident/Patient Disposition that was recorded. The “Location” column indicates the data field(s) that contains the incorrect information and/or the field(s) that are affected. Records with errors do not load. They MUST be corrected and resubmitted.

<table>
<thead>
<tr>
<th>Message Type</th>
<th>Message</th>
<th>Elements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schematron Error</td>
<td>Based on Incident/Patient Disposition, the following should be recorded: EMS Transport Method, Transport Mode from Scene</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Location</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EMSDataSet_Header PatientCareReport_eDisposition_eDisposition.12</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EMSDataSet_Header PatientCareReport_eDisposition_eDisposition.16</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EMSDataSet_Header PatientCareReport_eDisposition_eDisposition.17</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EMSDataSet_Header PatientCareReport_ePatient_ePatient.AgeGroup_ePatient.15</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EMSDataSet_Header PatientCareReport_ePatient_ePatient.AgeGroup_ePatient.16</td>
</tr>
</tbody>
</table>
**Warning detail: (Successfully processed and loaded record but with warning generated)**

A record with a warning will be noted in the “Message Type” column. The “Message” describes the warning. In this example, Destination County and Patient’s Home State should have been recorded, based on the Disposition. In addition, Cause of Injury should have been recorded, since Possible Injury was indicated. The “Location” and “Elements” columns indicate the data field(s) that contains the incorrect information and/or the field(s) that are affected. Records with warnings will process and load (assuming there are no errors associated with that record as well). These records should be reviewed and fixed if possible.

**No Warnings or Errors: (Record passed all validations)**

A submission with no warnings or errors will appear as below.
**Exiting the System**

To exit the website, click the down arrow next to your username in the upper right corner of the screen to open a menu. Click "Log Out".

**REMINDER!**

- Correction of the records that generated WARNINGS should be considered.
- Records that generated ERRORS shall be corrected and resubmitted.
Section V: References and Technical Support

References:
NEMSIS Data Dictionary Version 3.4.0: https://nemsis.org/media/nemsis_v3/release-3.4.0/DataDictionary/PDFHTML/DEMEMS/index.html
NEMSIS Schematron rules: http://nemsis.org/media/nemsis_v3/release-3.4.0/Schematron/rules/EMSDataSet.sch.xml

Technical Support:
Please contact the EMS Office of Research and Analysis at 1-800-233-0785 or EMSdata@dps.ohio.gov for questions regarding:

- Data sets / data dictionaries / data definitions
- Inclusion and exclusion criteria
- Submission deadlines
- Laws, rules, policies and regulations regarding data collection and submission

For questions about Sign In and Passwords, please contact the Department of Public Safety Help desk at 614-752-6487 or servicedesk@dps.ohio.gov