

# NEMSIS V3 State Data Set Builder: State Data Manager User Guide

---

## Date

June 5, 2017 (manually add procedures and medications)  
May 2, 2016 (import from local file)  
February 11, 2016 (import, preview, facility lookup)  
November 12, 2015 (custom element potential value copy/paste)  
May 12, 2015 (updated)  
April 16, 2015

## Authors

Joshua Legler – NEMSIS Consultant  
Karen E. Jacobson – NEMSIS Director  
N. Clay Mann – NEMSIS P.I.

## Overview

This guide helps state data managers use the NEMSIS V3 State Data Set Builder to generate State Data Set files.

## Purpose

EMS agencies and their software vendors must have certain information about their state's EMS practice requirements available in order to accurately configure their patient care reporting software to meet state requirements. The NEMSIS Technical Assistance Center (NEMSIS TAC) has created a StateDataSet XML Schema (XSD) to provide a consistent format in which to share NEMSIS V3 state-specific information. Vendors are not required to support StateDataSet in their software at this time. However, StateDataSet has advantages over other methods of conveying state-specific information:

- StateDataSet files can be validated using the NEMSIS StateDataSet XSD.
- StateDataSet files can be easily processed by systems.
- StateDataSet files can be easily viewed online in human-readable form.
- StateDataSet is based directly on the core NEMSIS V3 XSDs.

StateDataSet files contain the following information regarding a state or territory:

- Custom Data Elements

- State Required Elements
- State Certification/Licensure Levels
- Procedures Permitted by the State
- Medications Permitted by the State
- Protocols Permitted by the State
- EMS Agencies
- Facilities (hospitals, etc.)

Vendors of state-level systems are encouraged to build into their systems the ability to generate StateDataSet files. Vendors of local-level systems are encouraged to build into their systems the ability to process StateDataSet files as part of configuration.

Since support for StateDataSet is not mandatory, the NEMSIS TAC also provides a web-based State Data Set Builder. If your state vendor supports the generation of StateDataSet files from your state system, you do not need to use the NEMSIS State Data Set Builder. However, the NEMSIS V3 State Data Set Builder is available to all states free of charge to help promote the adoption of StateDataSet as the best way to ensure accurate and consistent configuration of all EMS software across your state and as a quick way to distribute updated information to all software across the state when changes occur.

## Accessing the State Data Set Builder

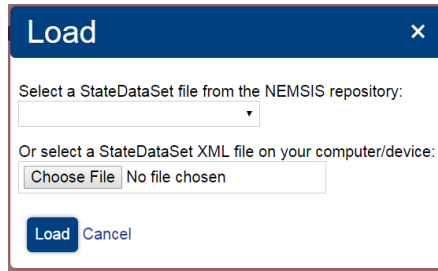
The NEMSIS V3 State Data Set Builder is available online at [www.nemsis.org/media/statedatasetbuilder](http://www.nemsis.org/media/statedatasetbuilder). It is web-based. It works in all currently supported versions of web browsers. (For Internet Explorer, version 9 or higher is required; version 10 or higher is recommended.)

The State Data Set Builder is intended to be used on a desktop computer. You need to be able to save the StateDataSet file that it generates.

## Loading an Existing StateDataSet File

If you are creating your StateDataSet file for the first time, you may skip this step. However, if you have previously built a file and wish to update it (or if another state or territory similar to yours has already published a StateDataSet file), you can save time and effort by loading the available file and adjusting it to fit your needs.

To load an existing StateDataSet file, select the **Load** button. The Load dialog will appear.



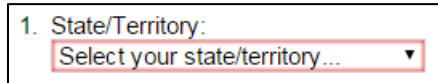
You may select an existing StateDataSet file from the NEMSIS repository (only those states that have a published StateDataSet file may be selected) or you may select a StateDataSet file that is on your own computer. Select the **Load** button for your chosen option, and the file will be loaded into the State Data Set builder for editing.

If the file you selected is not a valid StateDataSet file, the State Data Set Builder will display a message indicating that the file is invalid.

## Building a State Data Set

Whether you have chosen to load an existing StateDataSet file or start building your State Data Set from scratch, you generally may proceed through the nine sections of your State Data Set in any order. If your state does not regulate or provide resources for a particular section, you may skip it.

### 1. State/Territory



This step must be completed before you can save your StateDataSet file. Select your state in the drop-down list. For example, if you're building a State Data Set for the state of Alabama, select Alabama.

### 2. Custom Data Elements

**Custom Data Elements**

Configuration for custom data elements created to collect information that is not defined formally in NEMSIS Version 3.

**Demographic Custom Elements**

Remove All Demographic Custom Elements

ID	Title	Extends	Grouping ID
...ID	Title	NEMSIS Elemer	Grouping ID

**EMS (PCR) Custom Elements**

Remove All EMS (PCR) Custom Elements

ID	Title	Extends	Grouping ID
...ID	Title	NEMSIS Elemer	Grouping ID

If your state has custom data elements, you can set them up here. For more information about custom data elements, see the [dCustomConfiguration](#) and [eCustomConfiguration](#) sections of the NEMSIS V3 Data Dictionary. (Note that Custom Element ID does not appear in the NEMSIS V3 Data Dictionary, but it is an attribute of dCustomConfiguration.CustomGroup and eCustomConfiguration.CustomGroup in the NEMSIS V3 XML Schema (XSD). It is the unique identifier you assign to a custom element, and it is used to connect custom element results to a custom element definition.)

Because the potential values list for a custom element may be large, the State Data Set Builder supports the ability to paste custom element potential value information copied from a spreadsheet. The spreadsheet should have the following columns (in order, starting with the first column):

- A. Custom Data Element Potential Value (Code)
- B. NEMSIS Code
- C. Description

If your spreadsheet has a header row, do not copy the header row. If you do not have data for a particular column, include the column in the spreadsheet but leave it blank. When you do not have information for an individual cell, leave it blank.

Please consult the [NEMSIS Data Dictionary](#) pages for dCustomConfiguration.06 and eCustomConfiguration.06 for information about custom element potential value requirements. Invalid data will be pasted, but it will be highlighted in red, and you will need to correct it before you can save your data.

A spreadsheet template is available by selecting “More information...” below the Potential Values list in a custom data element.

### 3. State Required Elements

State Required Elements

Indicates which elements are required by the state.

Select: All State Recommended National None

Element Number	Element Name
<input type="checkbox"/> <span style="background-color: #ff0000; color: white; padding: 0 2px;">N</span> <span style="background-color: #ffff00; color: black; padding: 0 2px;">S</span> dState.01	State Required Element
<input type="checkbox"/> dCustomConfiguration.01	Custom Data Element Title
<input type="checkbox"/> dCustomConfiguration.02	Custom Definition
<input type="checkbox"/> dCustomConfiguration.03	Custom Data Type
<input type="checkbox"/> dCustomConfiguration.04	Custom Data Element Recurrence
<input type="checkbox"/> dCustomConfiguration.05	Custom Data Element Usage
<input type="checkbox"/> dCustomConfiguration.06	Custom Data Element Potential Values
<input type="checkbox"/> dCustomConfiguration.07	Custom Data Element Potential NOT Values (NV)
<input type="checkbox"/> dCustomConfiguration.08	Custom Data Element Potential Pertinent Negative Values (PN)
<input type="checkbox"/> dCustomConfiguration.09	Custom Data Element Grouping ID
<input checked="" type="checkbox"/> <span style="background-color: #ff0000; color: white; padding: 0 2px;">N</span> <span style="background-color: #ffff00; color: black; padding: 0 2px;">S</span> dAgency.01	EMS Agency Unique State ID
<input checked="" type="checkbox"/> <span style="background-color: #ff0000; color: white; padding: 0 2px;">N</span> <span style="background-color: #ffff00; color: black; padding: 0 2px;">S</span> dAgency.02	EMS Agency Number
<input checked="" type="checkbox"/> <span style="background-color: #ffff00; color: black; padding: 0 2px;">S</span> dAgency.03	EMS Agency Name
<input checked="" type="checkbox"/> <span style="background-color: #ff0000; color: white; padding: 0 2px;">N</span> <span style="background-color: #ffff00; color: black; padding: 0 2px;">S</span> dAgency.04	EMS Agency State

If your state requires or recommends that certain data elements be reported by all agencies within the state, you can create that list of elements here. For more information, see the [dState](#) and [eState](#) sections of the NEMSIS V3 Data Dictionary. You may wish to select one of the following buttons as an initial starting point:

- **All** selects all data elements.
- **State Recommended** selects all data elements that the NEMSIS TAC recommends to be collected at the state level (including all national elements).
- **National** selects all national elements.
- **None** clears any existing selection of elements.

Once you have chosen one of the above options as a starting point, you can manually select or deselect individual data elements as needed.

Note: The NEMSIS TAC strongly recommends selecting all of the national elements. You may deselect a national element; its checkbox will become highlighted with a red outline as a warning, but you will still be able to save your StateDataSet file.

### Q: What if my state requires elements that are not on the list?

You will need to define those elements as custom elements. Within the setup of each custom element, you can select whether it is mandatory, required, recommended, or optional within your state.

## 4. State Certification/Licensure Levels

**State Certification/Licensure Levels**

All of the potential levels of certification/licensure for EMS personnel recognized by the state.

Select: **All** **National Education Standards** **None**

Code	Description
<input checked="" type="checkbox"/> 9911001	2009 Advanced Emergency Medical Technician (AEMT)
<input checked="" type="checkbox"/> 9911003	2009 Emergency Medical Responder (EMR)
<input checked="" type="checkbox"/> 9911005	2009 Emergency Medical Technician (EMT)
<input checked="" type="checkbox"/> 9911007	2009 Paramedic
<input type="checkbox"/> 9911009	EMT-Basic
<input type="checkbox"/> 9911011	EMT-Intermediate
<input type="checkbox"/> 9911013	EMT-Paramedic
<input type="checkbox"/> 9911015	First Responder
<input type="checkbox"/> 9911019	Other
<input type="checkbox"/> 9911021	Physician
<input type="checkbox"/> 9911023	Critical Care Paramedic
<input type="checkbox"/> 9911025	Community Paramedicine
<input type="checkbox"/> 9911027	Nurse Practitioner
<input type="checkbox"/> 9911029	Physician Assistant

If your state recognizes, certifies, or licenses certain levels of EMS personnel (most states do), you can select those levels here. For more information, see [dConfiguration.02](#) in the NEMSIS V3 Data Dictionary. If your state implements only the [2009 National EMS Education Standards](#), you may select the **National Education Standards** button to select the 2009 EMR, EMT, AEMT, and Paramedic levels.

### Q: What if my state has other certification/licensure levels that are not on the list?

You have two standards-compliant options:

- A. If a certification/licensure level is sufficiently similar to an existing level on the standard list, then select that level on the list. Instruct providers to use that level as the standard equivalent to your non-standard level.
- B. If option A is not suitable, then you will need to define custom elements that extend the following NEMESIS elements in your state (depending on which elements you require to be reported):
- dAgency.11 Level of Service
  - dConfiguration.02 State Certification/Licensure Levels
  - dConfiguration.06 EMS Certification Levels Permitted to Perform Each Procedure
  - dConfiguration.08 EMS Certification Levels Permitted to Administer Each Medication
  - dVehicle.05 Crew State Certification/Licensure Levels
  - dPersonnel.24 EMS Personnel's State EMS Certification Licensure Level
  - eResponse.15 Level of Care of This Unit
  - eCrew.02 Crew Member Level
  - ePayment.42 Specialty Care Transport Care Provider
  - eProcedures.10 Role/Type of Person Performing the Procedure
  - eMedications.10 Role/Type of Person Administering Medication

In the setup of each custom element, you will need to supply a value and label for each non-standard certification/licensure level, as well as the NEMESIS code for the national standard level that is most similar. Data submitted to your state from local EMS agencies will be augmented with the custom element values; however, only the national elements and national standard values will be submitted to the National EMS Database by your state system.

## 5. Procedures Permitted by the State

### Procedures Permitted by the State

A list of all of the procedures permitted by the state.

2009 Paramedic

All None

Procedure	All	None	
12 lead ECG	All	None	<input type="checkbox"/>
15 lead electrocardiographic monitoring	All	None	<input type="checkbox"/>
18 lead electrocardiographic monitoring	All	None	<input type="checkbox"/>
3 lead electrocardiographic monitoring	All	None	<input type="checkbox"/>
Active compression decompression cardiopulmonary resuscitation with use of inspiratory impedance threshold device	All	None	<input type="checkbox"/>
Active external cooling of subject	All	None	<input type="checkbox"/>

Before completing this section, you should complete State Certification/Licensure Levels.

If your state regulates which procedures can be performed by each level of EMS personnel, you can select those procedures for each level here.

For each procedure, you may select the certification/licensure levels permitted to perform that procedure, or you may select the **All** button for that procedure to select all levels. Similarly, for each certification/licensure level, you may select the **All** button to indicate that all procedures on the list can be performed by that level. Then, you can manually select or deselect individual procedures as needed.

The State Data Set Builder uses the NEMESIS Suggested List for procedures. However, you may manually enter additional SNOMED procedure codes at the bottom of the list.

## 6. Medications Permitted by the State

### Medications Permitted by the State

A list of all of the medications permitted by the state.

2009 Paramedic

All None

Medication	All	None	
abciximab	All	None	<input type="checkbox"/>
Acetaminophen	All	None	<input type="checkbox"/>
Activated Charcoal	All	None	<input type="checkbox"/>
Adenosine	All	None	<input type="checkbox"/>
Albumin Human, USP	All	None	<input type="checkbox"/>
Albuterol	All	None	<input type="checkbox"/>

Before completing this section, you should complete State Certification/Licensure Levels.

If your state regulates which medications can be administered by each level of EMS personnel, you can select those medications for each level here.

For each medication, you may select the certification/licensure levels permitted to administer that medication, or you may select the **All** button for that medication to select all levels. Similarly, for each certification/licensure level, you may select the **All** button to indicate that all medications on the list can be administered by that level. Then, you can manually select or deselect individual medications as needed.

The State Data Set Builder uses the NEMSIS Suggested List for medications. However, you may manually enter additional RxNorm medication codes at the bottom of the list.

## 7. Protocols Permitted by the State

### Protocols Permitted by the State

A list of all of the protocols permitted by the state.

Select: **All** **None**

Code	Description
<input type="checkbox"/> 9914001	Airway
<input type="checkbox"/> 9914003	Airway-Failed
<input type="checkbox"/> 9914005	Airway-Obstruction/Foreign Body
<input type="checkbox"/> 9914007	Airway-Rapid Sequence Induction (RSI-Paralytic)
<input type="checkbox"/> 9914009	Airway-Sedation Assisted (Non-Paralytic)
<input type="checkbox"/> 9914011	Cardiac Arrest-Asystole
<input type="checkbox"/> 9914201	Cardiac Arrest-Determination of Death / Withholding Resuscitative Efforts
<input type="checkbox"/> 9914169	Cardiac Arrest-Do Not Resuscitate
<input type="checkbox"/> 9914013	Cardiac Arrest-Hypothermia-Therapeutic
<input type="checkbox"/> 9914019	Cardiac Arrest-Post Resuscitation Care
<input type="checkbox"/> 9914015	Cardiac Arrest-Pulseless Electrical Activity
<input type="checkbox"/> 9914171	Cardiac Arrest-Special Resuscitation Orders
<input type="checkbox"/> 9914017	Cardiac Arrest-Ventricular Fibrillation/ Pulseless Ventricular Tachycardia
<input type="checkbox"/> 9914021	Environmental-Altitude Sickness

If your state regulates which protocols providers are permitted to use, you can select those protocols here. Your state may not officially regulate protocols but may promote, suggest, or otherwise advocate the use of certain protocols. In this situation, you may choose which protocols to list, based upon which protocols you wish to track usage using the NEMSIS V3 dataset.

### Q: What if my state has other protocols that are not on the list?

You have two standards-compliant options:

- A. If a protocol is sufficiently similar to an existing protocol on the standard list, then select that protocol on the list. Instruct providers to use that protocol as the standard equivalent to your state's protocol.
- B. If option A is not suitable, then you will need to define custom elements that extend the following NEMSIS elements in your state (depending on which elements you require to be reported):
  - dConfiguration.05 Protocols Permitted by the State

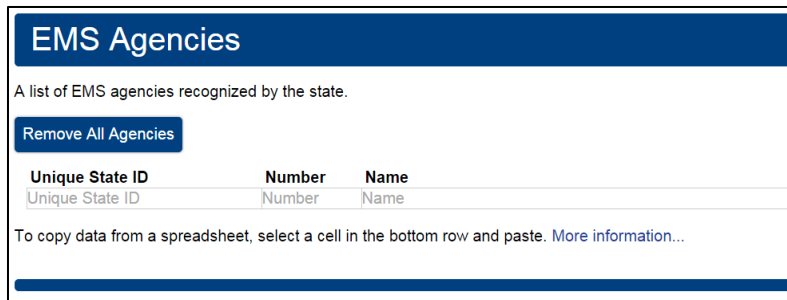


- dConfiguration.10 EMS Agency Protocols
- eProtocols.01 Protocols Used

In the setup of each custom element, you will need to supply a value and label for each state-specific protocol, as well as the NEMSIS code for the national standard protocol that is most similar. Data submitted to your state from local EMS agencies will be augmented with the custom element values; however, only the national standard values will be submitted to the National EMS Database by your state system.

Keep in mind that age-specific protocol information can be reported by using eProtocols.02 Protocol Age Category, so you should not create custom elements with values containing different age-specific variants of national standard protocols.

## 8. EMS Agencies



The screenshot shows a web interface titled "EMS Agencies". Below the title is a description: "A list of EMS agencies recognized by the state." There is a button labeled "Remove All Agencies". Below this is a table with three columns: "Unique State ID", "Number", and "Name". The first row of the table contains the headers, and the second row contains the labels "Unique State ID", "Number", and "Name". Below the table is a note: "To copy data from a spreadsheet, select a cell in the bottom row and paste. [More information...](#)"

Unique State ID	Number	Name
Unique State ID	Number	Name

Each EMS agency knows a lot of information about itself and reports that information in its DEMDataSet submissions to the state. The purpose of the EMS Agencies section of the State Data Set Builder is to give EMS agencies the information that they need to know about *other* EMS agencies in the state. Specifically, they may need to know the names and state ID numbers of other agencies in order to report correct information for [eScene.02 Other EMS or Public Safety Agencies at Scene](#) and [eScene.03 Other EMS or Public Safety Agency ID Number](#).

Because your EMS agency list may be large, the State Data Set Builder supports the ability to paste EMS agency information copied from a spreadsheet. The spreadsheet should have the following columns (in order, starting with the first column):

- D. dAgency.01 EMS Agency Unique State ID
- E. dAgency.02 EMS Agency Number
- F. dAgency.03 EMS Agency Name

If your spreadsheet has a header row, do not copy the header row. If you do not have data for a particular column, include the column in the spreadsheet but leave it blank. When you do not have information for an individual cell, leave it blank.

Please consult the [NEMSIS Data Dictionary](#) for information about data element requirements. Invalid data will be pasted, but it will be highlighted in red, and you will need to correct it before you can save your data.

A spreadsheet template is available by selecting “More information...” at the bottom of the Agencies section.

## 9. Facilities

If your state maintains a standard list of facilities (such as hospitals) that you require or encourage all agencies to use, you may set up that list here. EMS agencies will use the information to correctly set up their facility list in their agency demographic data, which will drive the correctness of the information that they record in the scene and destination sections of their patient care reports. For more information, see the [dFacility](#) section of the NEMSIS V3 Data Dictionary.

When you type the name of a facility in the “Name” field, suggested matches will be shown.

If you select a match, the name, address location information, and phone number of the facility will be auto-populated. Type of Facility, Location Code, Hospital Designations, and National Provider Identifiers are not auto-populated.

Type	Location Code	Name			
Type of Facility	Location Code	University Of Utah Hospital			
<table border="0"> <tr> <td style="vertical-align: top;"> <b>Hospital Designations</b>            Behavioral Health            Burn Center            Critical Access Hospital            Hospital (General)            Neonatal Center            Pediatric Center         </td> <td style="vertical-align: top;"> <b>Location</b>            Room, Suite, or Apartment            50 North Medical Drive            Street Address 2            City of Salt Lake City            Utah            84112            Salt Lake County            United States            40.771690,-111.836895            12TVL29371374         </td> <td style="vertical-align: top;"> <b>Phone Numbers</b>            Type   801-581-2121            Type   Phone Number         </td> </tr> </table>			<b>Hospital Designations</b> Behavioral Health Burn Center Critical Access Hospital Hospital (General) Neonatal Center Pediatric Center	<b>Location</b> Room, Suite, or Apartment 50 North Medical Drive Street Address 2 City of Salt Lake City Utah 84112 Salt Lake County United States 40.771690,-111.836895 12TVL29371374	<b>Phone Numbers</b> Type   801-581-2121 Type   Phone Number
<b>Hospital Designations</b> Behavioral Health Burn Center Critical Access Hospital Hospital (General) Neonatal Center Pediatric Center	<b>Location</b> Room, Suite, or Apartment 50 North Medical Drive Street Address 2 City of Salt Lake City Utah 84112 Salt Lake County United States 40.771690,-111.836895 12TVL29371374	<b>Phone Numbers</b> Type   801-581-2121 Type   Phone Number			

NEMESIS uses GNIS codes for cities. When you type the name of a city in the "City" field, suggested matches will be shown. Civil class codes are prioritized over Military and Populated Place class codes (see [NEMESIS Use and Priority for GNIS Codes](#)). Codes from your own state are shown higher on the list. You must select a match. If you do not select a match, the "City" field will be left blank. If you know the GNIS code of the city, you may enter it directly.

Location	Phone Numbers
Room, Suite, or Apartment	Type   Phone Number
Street Address	
Street Address 2	
Salt Lake	
City of Salt Lake City, UT Civil Salt Lake City Division, UT Civil City of South Salt Lake, UT Civil Salt Lake County, UT Civil City of North Salt Lake, UT Civil Salt Lake City, UT Populated Place	

Because your facility list may be large, the State Data Set Builder supports the ability to paste facility information copied from a spreadsheet. You can paste facility data from a spreadsheet. The spreadsheet should have the following columns (in order, starting with the first column):

- A. dFacility.01 Type of Facility
- B. dFacility.02 Facility Name
- C. dFacility.03 Facility Location Code
- D. dFacility.04 Hospital Designations (multi-value: separate values with pipe, "|")
- E. dFacility.05 Facility National Provider Identifier
- F. dFacility.06 Facility Room, Suite, or Apartment
- G. dFacility.07 Facility Street Address
- H. dFacility.07/StreetAddress2 Facility Street Address Line 2
- I. dFacility.08 Facility City
- J. dFacility.09 Facility State
- K. dFacility.10 Facility ZIP Code
- L. dFacility.11 Facility County
- M. dFacility.12 Facility Country
- N. dFacility.13 Facility GPS Location
- O. dFacility.14 Facility US National Grid Coordinates
- P. dFacility.15 Facility Phone Number (multi-value: separate values with pipe, "|")
- Q. dFacility.15/PhoneNumberType Facility Phone Number Type (multi-value: separate values with pipe, "|")

If your spreadsheet has a header row, do not copy the header row. If you do not have data for a particular column, include the column in the spreadsheet but leave it blank. When you do not have information for an individual cell, leave it blank.

Please consult the [NEMESIS Data Dictionary](#) for information about data element requirements. Invalid data will be pasted, but it will be highlighted in red, and you will need to correct it before you can save your data.

A spreadsheet template is available by selecting “More information...” at the bottom of the Facilities section.

## Importing from Other States or Another File

You can import information from other states that have published StateDataSet files, or you can import from a file that is on your own computer. Each section of the State Data Set Builder has an **Import** button, which you can select to import information for that section.

For Custom Data Elements, EMS Agencies, and Facilities, you can choose to import specific selections. For example, you can import a few facilities from a neighboring state, and they will be added to your Facility list.

For State Required Elements, State Certification/Licensure Levels, and Protocols Permitted by the State, the selection list in your StateDataSet file is replaced by the list from the other state (or the file you selected on your computer). For example, you can import the list of State Required Elements from another state, and it will replace any selections you have previously made on your State Required Elements list.

For Procedures Permitted by the State and Medications Permitted by the State, you can choose to import the list for specific certification/licensure levels. The selection lists for those levels, if they exist in your StateDataSet file, are replaced by the lists from the other state. For example, you can import the list of procedures for the AEMT certification/licensure level from another state, and it will replace any selections you have previously made on your list of procedures for the AEMT level, but it will not affect selections you have made for other levels. If you import procedures or medications for a level that is not on your own State Certification/Licensure Levels list, that level will be added to your list.

**Import Procedures Permitted by the State** ×

Select a state from which to import:  
Oregon ▾

Or select a StateDataSet XML file on your computer/device:  
Choose File No file chosen

---

[View State Data Set for Oregon...](#)

- 2009 Emergency Medical Responder (EMR): 38 procedures
- 2009 Emergency Medical Technician (EMT): 45 procedures
- 2009 Advanced Emergency Medical Technician (AEMT): 51 procedures
- 2009 Paramedic: 95 procedures
- EMT-Intermediate: 62 procedures

This will replace your current selection of Procedures Permitted by the State for the selected levels. If the selected levels are not on your list of State Certification/Licensure Levels, they will be added.

**Import** Cancel

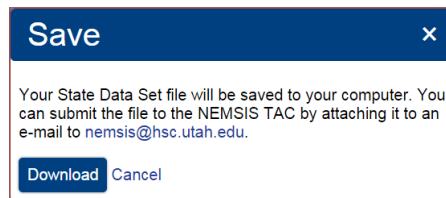
## Previewing the StateDataSet File

You can select the **Preview** button to see how your StateDataSet file will look when published in your state repository at the NEMESIS TAC.

## Saving the StateDataSet File

Changes you make in the State Data Set Builder are not automatically submitted to the NEMESIS TAC. You must save your work, which will generate a StateDataSet XML file. To do so, select the **Save** button.

If your State Data Set has any problems, the State Data Set Builder will list the problems, along with links to the areas where you can correct them. You will not be able to save the StateDataSet file until all problems are resolved. If there are no problems, the Save dialog will appear:



Select **Download** to download the StateDataSet XML file.

After you have downloaded the file, send it via e-mail to [nemsis@hsc.utah.edu](mailto:nemsis@hsc.utah.edu). Upon receiving the file, NEMESIS TAC staff will verify that your file is valid (by checking it against the StateDataSet XSD). If it is valid, the file will be published in your state repository at the NEMESIS TAC, and it will become publicly available on the NEMESIS Web site.

## Other Questions

### I have state-specific requirements that the State Data Set Builder does not address. What should I do?

The purpose of the State Data Set Builder is to provide resources necessary for agencies and their vendors to correctly configure a NEMESIS-compliant setup of their software. But your state may have other requirements or restrictions beyond those supported within the NEMESIS data standard and StateDataSet.

- You might restrict certain data elements to a subset of the values defined in the national standard. For these restrictions, you should publish a state-specific data dictionary supplement via the NEMESIS TAC.
- You might have data validation rules beyond those defined in the national standard. For these rules, you should publish state-specific Schematron files via the NEMESIS TAC.
- You might provide additional features in the web services interface of your state system. For these features, you should publish a state-specific web services (WSDL) file via the NEMESIS TAC.

## **When I access the State Data Set Builder, I see an error message saying that something went wrong. What should I do?**

You may see a message saying, “Something went wrong. Try reloading. If that doesn’t work, please contact the NEMESIS TAC.” Generally, the message means that the State Data Set Builder was unable to access all of the resources that it needs in order to work correctly. If the problem persists after you try the **Reload** button, please contact the NEMESIS TAC, and staff will help you to troubleshoot the problem.

## **Can I automate the process of submitting a StateDataSet file to the NEMESIS TAC?**

It is possible to automate the process of submitting your StateDataSet file updates to the NEMESIS TAC for publication in your state repository by using Git. Please contact the NEMESIS TAC for more information.

## **Conclusions**

The StateDataSet XSD and the State Data Set Builder have been created to make it easier for state data managers to define their state-specific resources and keep all software applications up-to-date with any needed changes to those resources over time. Do not feel that you must complete all sections of your State Data Set at once. Even if you can only complete one section, please do so and submit your file to the NEMESIS TAC for publication. As your state makes progress on defining additional resources, you can complete more sections of your State Data Set.