



## June 15, 2009 Edition

Hello West Virginia EMS,

Welcome to the WV EMS Data Dashboard. This bi-monthly email update is coming to you from the West Virginia Office of EMS and the EMS Performance Improvement Center (EMSPIC).

*This information is also available at [www.WVEMSData.org](http://www.WVEMSData.org)*

## EMS Data System Reports

The EMS Data System reports continue to grow with new reports released each week. The following reports are currently available for use:

*(New reports released in the last 2 weeks are in Red)*

- \* Data Submission Reports
  - Agency Data Submission
  - PCR Error Messages
- \* EMS Call Volume Reports
  - Calls by Day of Week
  - Calls by Time of Day
  - Calls by Day and Time
- \* Time Reports
  - Average Times
    - Average Times by Response Level
    - Average Times by Transport Level
  - 90% Fractile Times
    - Call to Notification
    - Notification to Scene
    - Response Time
    - On Scene Time
    - Transport Time
    - EMS Chute Time Benchmark Report
    - EMS Response Time Benchmark Report
    - EMS At Patient Time Benchmark Report

- Monthly Average
  - Call to Notification
  - Notification to Scene
  - Response Time
  - On Scene Time
  - Transport Time
- \* Procedure Reports
  - Technician Procedure Success
  - EMS Agency Procedure Success
- \* Bar Chart Reports
  - EMS Events by Chief Complaint
  - EMS Events by Dispatch Complaint
  - EMS Events by Disposition Type
  - EMS Events by Destination Name
- \* Infectious Disease
  - H1N1 Influenza Surveillance Report

[Click here](#) for a detailed description of each report.

### **What is the PCR Error Messages Report?**

This report provides a list of all of the PCR data quality errors associated with the submission of patient care reports (PCR) into the state EMS Data System for a selected date range. The number of records associated with error type is displayed. The associated NEMSIS data element code is included with each error description.

This report is useful for an EMS Agency to identify and correct data quality errors associated with their EMS software and patient care reports.

Information provided includes:

- \* Validation Message = The description of the data quality error
- \* Number of Records = The number of records in the EMS Data System for the associated date range with the data quality error
- \* Data Element = The NEMSIS data element code associated with the data quality error

### **What is an EMS Benchmarking Report?**

The answer is a report that allows you to compare how your EMS Agency performs compared to a similar sized EMS Agency and to the State. The EMS

Toolkits are the standard for EMS benchmarking reports. However, EMS Toolkits will not be available to WV EMS Agencies until July. In the meantime the following individual benchmarking reports are now available for use:

- \* EMS Chute Time Benchmark Report
- \* EMS Response Time Benchmark Report
- \* EMS At Patient Time Benchmark Report

These benchmarking reports calculate the 90% EMS Fractile Time for the date range selected. The reports only include events that are associated with an emergent (lights and sirens) response all the way to the scene for a 911 event. Only Ambulance and Quick Response Vehicles (QRV) responses are included.

To allow benchmarking, the most recent 6 months of data is used to create comparison groups. Each EMS Agency has been grouped into one of four groupings based the urban nature of the EMS Agency's service area. The four groups are Urban, Suburban, Rural, and Wilderness. The definition of each category is based upon an "Urban Influence" coding system utilized by the United States Department of Agriculture (USDA) and the Office of Management and Budget (OMB). These codes take into account - county population size, degree of urbanization, and adjacency to a metropolitan area or areas. Codes are applied to the county or counties (defined by FIPS codes) declared by each agency to represent their formal service area. This grouping of Urbanicity is also used by NEMSIS and the National EMS Database reports.

**Urban Group:** (Urban Influence Codes 1, 2) Counties with large (1+ million residents) or small (less than 1 million residents) metropolitan areas.

**Suburban Group:** (Urban Influence Codes 3, 5) Micropolitan (with an urban core of at least 10,000 residents) counties adjacent to a large or small metropolitan county.

**Rural Group:** (Urban Influence Codes 4, 6, 8, 9) Non-urban core counties adjacent to a large or small metropolitan area (with or without a town).

**Wilderness Group:** (Urban Influence Codes 7, 10, 11, 12) Non-core counties that are adjacent to micropolitan counties (with or without own town)

**State:** The average of all EMS Agencies within the state

Information not appearing in these reports (columns missing) is the result of missing data elements. Using the definitions, it is possible to determine which data element is not being collected or submitted into the EMS Data System.

[Click here](#) for a detailed description of each report.

## Use the WV EMS Data System for H1N1 Influenza Surveillance

Data submitted into the WV EMS Data System can be used to monitor your community for H1N1 Influenza outbreak. A new report is now available through CIS that will identify patients with the symptoms of influenza. The report allows each EMS System to monitor the number of EMS patients with a documented influenza like illness. A chart is included which trends the number of patients over a 7-day period of time. This information can be valuable to your local public health and county officials over the next several weeks.

**Detailed information on this report is available at [www.WVEMSData.org](http://www.WVEMSData.org)**

## Free Online 12-Lead ECG Training

The EMS Performance Improvement Center has licensed Tim Phalen's Online 12 Lead ECG Interpretation Course for all EMT-Paramedics in West Virginia. It is free to Paramedics and our goal is for every Paramedic who is actively caring for patients to complete this course by the end of 2009. You will receive 5 hours of CME upon completion of the course.

**[Click Here](#) for instructions on how to access and log into the course.**

## WV EMS Data System Enrollment Update: Turning WV Green

Check out the exciting progress of WV EMS agencies enrolling in the WV EMS Data system. [Click Here](#) to see the WV EMS Data System Implementation Map. Watch West Virginia turn green as EMS agencies are trained, enrolled, and begin submitting data into the WV EMS Data project.

WV EMS Data System: 6/15/2009	
<b>Total EMS Agencies**</b>	<b>206</b>
<b>Total EMS Agencies who have received training</b>	
	<b>114 (55.3%)</b>
Enrolled in PreMIS Web Application	41 (19.9%)
Enrolled in PreMIS Import	58 (28.2%)
Enrolled in Undecided	20 (9.7%)
<b>Total Enrolled in the EMS Data System</b>	<b>119 (57.8%)</b>

<b>Total Active and Submitting Data</b>	<b>37 (18.0%)</b>

\*\*Represents total EMS agencies required to be using the WV EMS Data System by October 31, 2009.

### **Important Data Submission Deadlines**

**There are 138 days until October 31, 2009.** Don't wait until the last minute. All licensed WV EMS Agencies must be collecting and submitting data electronically into the WV EMS Data System by October 31, 2009.

**Learn about the WV EMS Data System and how your EMS Agency can begin participating at [www.WVEMSData.org](http://www.WVEMSData.org).**