**WATRS** Next Generation
Wyoming Ambulance Trip Reporting System

## Agency Average Validation Score
### *April 1, 2016 through June 30, 2016*

| Ground Transporting – WATRS Elite<br><br>City, Agency Name | Average Validity Score | +/- Change if >5 points or section | Cumulative Percentile | Sequential Number |
|---|---|---|---|---|
| Albin, Albin Rescue | 100 | NA | | 1 |
| Centennial, Centennial Fire Department & Rescue | 100 | NA | | 2 |
| Fort Laramie, Fort Laramie Ambulance Service | 100 | NA | | 3 |
| Glendo, Glendo EMS | 100 | NA | | 4 |
| Hawk Springs, Hawk Springs-FD | 100 | NA | | 5 |
| Lovell, North Big Horn Hospital Ambulance | 100 | NA | | 6 |
| Pine Bluffs, Pine Bluffs EMS | 100 | NA | | 7 |
| Sheridan, Sheridan Area Rural Fire Department | 100 | NA | | 8 |
| Thermopolis, Mortimore's Ambulance Service | 100 | NA | | 9 |
| LaGrange, LaGrange Rescue Unit | 99.6 | NA | | 10 |
| Lingle, Lingle Fire Department | 99.5 | NA | | 11 |
| Torrington, Torrington Ambulance Service | 99.3 | NA | | 12 |
| Moorcroft, Moorcroft Ambulance | 99.1 | NA | | 13 |
| Mills, Mills Fire Department | 98.9 | NA | | 14 |
| Rock Springs, Sweetwater Medics LLC | 98.8 | NA | | 15 |
| Jackson, Jackson Hole Fire/EMS | 98.5 | NA | | 16 |
| Guernsey, Guernsey Ambulance Service | 98.4 | NA | | 17 |
| Laramie , Laramie Fire Department | 98.3 | NA | | 18 |
| Dayton, Dayton-Rescue Unit | 98.0 | NA | | 19 |
| Evanston, Uinta County EMS | 97.9 | NA | | 20 |
| Rawlins, Carbon County EMS | 97.6 | NA | | 21 |
| Gillette, Campbell County Health EMS | 97.3 | NA | | 22 |
| Cody, West Park Hospital | 97.2 | NA | | 23 |
| Lyman, Village of Lyman | 97.0 | +22.0 | | 24 |
| Alpine, Alpine Fire Department | 96.9 | NA | | 25 |
| Baggs, Little Snake River EMS | 96.8 | +5.4 | | 26 |
| Evansville, Evansville Emergency Services | 96.6 | NA | | 27 |
| Burlington, Burlington - BHFD #4 Ambulance | 96.5 | NA | | 28 |
| Cheyenne, American Medical Response | 96.5 | NA | | 29 |
| Green River, Castle Rock Ambulance Service | 96.3 | NA | | 30 |
| Riverton, Fremont County Ambulance | 98.7 | NA | | 31 |
| Casper, Wyoming Medical Center | 95.8 | NA | | 32 |

| Ground Transporting – WATRS Elite<br><br>City, Agency Name | Average Validity Score | +/- Change if >5 points or section | Cumulative Percentile | Sequential Number |
|---|---|---|---|---|
| Buffalo, Buffalo-Johnson County | 95.2 | NA | | 33 |
| Elk Mountain, South Central WY EMS | 95.1 | NA | | 34 |
| Kaycee, Johnson County Kaycee | 95.0 | -5.0 | | 35 |
| Newcastle, Newcastle Ambulance Service | 95.0 | -5.0 | | 36 |
| Douglas, Memorial Hospital of Converse County | 94.9 | NA | | 37 |
| Basin, White Lion, LLC DBA Atwood Family Services | 94.8 | NA | | 38 |
| Afton, Star Valley Medical Center-EMS | 94.5 | NA | | 39 |
| Worland, Washakie County Ambulance Service | 94.3 | NA | | 40 |
| Farson, Eden Farson Fire District | 94.0 | NA | | 41 |
| Powell, Powell Hospital Ambulance Service | 93.4 | NA | | 42 |
| Sundance, Sundance EMS | 93.2 | NA | | 43 |
| Kemmerer, South Lincoln County EMS | 92.5 | -7.2 | | 44 |
| Upton, Upton FD-EMS | 92.3 | -7.2 | | 45 |
| Sheridan, Sheridan Fire-Rescue | 92.3 | +14.6 | | 46 |
| Sheridan, Rocky Mountain Ambulance Service | 92.1 | NA | | 47 |
| Wamsutter, Wamsutter EMS | 90.6 | -6.0 | | 48 |
| Pinedale, Sublette County EMS | 89.8 | -9.8 | | 49 |
| Thayne, Thayne EMS | 89.4 | -0.9 | | 50 |
| Wheatland, Platte County Memorial Hospital Service | 88.4 | NA | | 51 |
| Pine Haven, Town of Pine Haven Ambulance | 85.0 | +85.0 | | 52 |
| Ten Sleep, Ten Sleep Ambulance Service | 83.3 | -16.7 | | 53 |
| Hulett, Hulett EMS | 82.5 | -5.4 | | 54 |
| Osage, Osage Volunteer Ambulance Service | 81.7 | +71.7 | | 55 |
| Midwest, Salt Creek Emergency Services | 74.5 | +74.5 | | 56 |
| Burns, Burns EMS | 73.1 | -26.9 | | 57 |
| Driggs ID, Teton Valley Ambulance | 70.0 | -28.7 | | 58 |
| Lusk, Lusk Ambulance Service | 65.0 | +13.0 | | 59 |
| Burgess Junction, Burgess Junction Rescue | 0 | NA | | 60 |
| Clearmont, Southeast Sheridan County Emergency Response | 0 | NA | | 61 |
| Driggs ID, Teton County Fire Protection District | 0 | NA | | 62 |

## Percentage of Ground Agencies with Validity Average Meeting the Categories

| Average Compliance | 2013 | | | | 2014 | | | | 2015 | | | | 2016 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1/1 to 3/31 | 4/1 to 6/30 | 7/1 to 9/30 | 10/1 to 12/31 | 1/1 to 3/31 | 4/1 to 6/30 | 7/1 to 9/30 | 10/1 to 12/31 | 1/1 to 3/31 | 4/1 to 6/30 | 7/1 to 9/30 | 10/1 to 12/31 | 1/1 to 3/31 | 4/1 to 6/30 |
| *≥95 or ≥90 | 57.4% | 60.7% | 70.5% | 78.7% | 72.6% | 73.8% | 79.0% | 83.8% | 81.7% | 88.5% | 88.5% | 86.9% | 83.6% | NA |
| ≥80 to <95 | 16.4% | 13.1% | 13.1% | 6.5% | 6.5% | 11.5% | 6.5% | 4.8% | 5.0% | 0.0% | 1.6% | 1.6% | 3.3% | NA |
| ≥40 to <80 | 4.9% | 6.6% | 1.6% | 3.3% | 6.5% | 3.3% | 4.8% | 0.0% | 3.3% | 4.9% | 4.9% | 4.9% | 4.9% | NA |
| 0 to <40 | 21.3% | 19.7% | 14.8 | 11.5% | 12.9% | 11.5% | 9.7% | 11.2% | 10.0% | 6.6% | 4.9% | 6.6% | 8.2% | NA |

*2015 and later compliance for the green level is ≥90

Source: Wyoming Ambulance Trip Reporting System

Report Run Date: 7/6/2016 for **PRELIMINARY AGENCY REVIEW**

| Fire Protective Services (Non Transporting) City, Agency Name | Average Validity Score | +/- Change if >5% or section | Cumulative Percentile | Sequential Number |
|---|---|---|---|---|
| Laramie, Little Laramie Valley Volunteer Fire Department | 100 | NA | | 1 |
| Mills, Natrona County Fire Protection District | 98.2 | NA | | 2 |
| Rock Springs, Rock Springs Fire Department | 94.5 | NA | | 3 |
| Cheyenne, Cheyenne Fire Rescue | 94.4 | -5.1 | | 4 |
| Bar Nunn, Bar Nunn Fire Department | 92.6 | -7.4 | | 5 |
| Casper, Casper Fire Department | 91.5 | NA | | 6 |
| Cheyenne, Laramie County Fire District #1 | 61.3 | -34.2 | | 7 |
| Bureau of Land Management | 25.0 | -75 | | 8 |

| Flight Services City, Agency Name | Average Validity Score | +/- Change if >5% or section | Cumulative Percentile | Sequential Number |
|---|---|---|---|---|
| Loveland CO, Reach at Medical Center of the Rockies(184) | 100 | NA | | 1 |
| Sheridan, Bighorn Airways, Inc. (112) | 100 | ✓ | | 2 |
| Lander, Gillette, Riverton, Worland, Guardian Flight (148) | 99.9 | NA | | 3 |
| Cody, Greybull, Reach Air (181) | 99.9 | +17.3 | | 4 |
| Cheyenne, Air Life - Health One (150) | 95.5 | | | 5 |
| Riverton, Classic Air Medical (147) | 95.5 | | | 6 |
| Rock Springs, AirMed - University of Utah (028) | 95.4 | | | 7 |
| Scotts Bluff NE, Air Link (139) | 85.6 | | | 8 |
| Billings, MT, Help Flight (151) | 66.7 | | | 9 |
| Loveland, Reach Air Medical LLC Air Link at MCR | | | | 10 |
| Casper, Sheridan, Wyoming Life Flight – Air Methods(155) | 33.0 | | | 11 |
| Aurora OR, Life Flight Network (177) | 0 | -22.5 | | 12 |
| Birmingham AL, AirMed International (160) | 0 | | | 13 |
| Greeley CO, North Colorado Air Evac (035) | 0 | | | 14 |
| Idaho Falls ID, Air Idaho Rescue (021) | 0 | | | 15 |
| Rapid City SD, Black Hills Life Flight (106) | 0 | | | 16 |
| Rapid City SD, Medical Air Rescue Company (179) | 0 | | | 17 |
| Rock Springs, AirMed 2– Air Methods (161) | 0 | | | 18 |
| Salt Lake City UT, Intermountain Life Flight (024) | 0 | | | 19 |
| Scotts Bluff, Eagle Med ( 153) | 0 | | | 20 |
| South Jordan, UT, MoutainStar AirCare ( 178) | 0 | | | 21 |
| South Jordan, UT, Valley Med Flight (180) | 0 | | | 22 |

**About This Report:**

<u>Requirements from the Rules and Regulations:</u>

"Rules and Regulations for Wyoming Emergency Medical Services Act of 1977", W.S. 33-36-101, Chapter 4 RESPONSE AND REPORTING REQUIRMENTS, Section 4 <u>Patient Care Reporting.</u>

> (a) *To promote the uniform provision and accountability of the comprehensive emergency medical services and trauma system, all EMS agencies shall utilize the Division's electronic patient care reporting system to document the provision of emergency medical services or related trauma care.*

<u>About the Validation Score:</u>

An agency's Validation Score is a numerical score used to indicate the level of completeness of a patient care report in the Wyoming Ambulance Trip Reporting System (WATRS). This score is generated based on issues identified as:

a) Improvement Needed

b) Estimation of Importance.

The WATRS software enables validation rules to be customized to check the input of data based on conditions. This "configuration" of the validation rules provides the ability to score or weight the value of particular data element being collected. The points for any specific rule can range from negative number to 100. When the conditions of a rule are met, the points are applied to the validity score of the incident report.

The OEMS WATRS Administrator receives input from EMS agencies, the WATRS Advisory Group, epidemiology, the Trauma Program and other(s) regarding the priority of data elements and assigns a number of points to be deducted if those fields are left blank or entered improperly.

The lower the validation score, the less complete the identified fields on the incident form is. A validation score of 100 indicates that all identified fields are completed. This is only a measure of *completeness* not *accuracy.* For example, a validation score cannot ensure that the correct address is entered or that the patient's name is spelled correctly, just that an address or last name was filled in.

State wide validation rules are applied evenly throughout Wyoming, however an agency may add a custom validation rule specific to their needs too. If a specific event indicates the validation rule may not apply, consideration is given to determine if the WATRS can accommodate the exception.

**Available from the Wyoming Office of EMS:**

- Access to the WATRS Elite software package for patient care reporting
- Reporting templates for transporting agencies, critical care and non-transporting agencies
- Ruggedized tablets and other hardware based on the availability of funding
- Initial and recurring training in the use of the WATRS Elite system
- Ability to upload electrical cardiograph (ECG) rhythm strips or 12-lead ECGs from various vendors
- Technical support through the Image Trend Help Desk, as well as the OEMS

For more information on WATRS Elite, please visit: www.health.wyo.gov/publichealth/ems/watrs

Report Run Date: 7/6/2016 for **PRELIMINARY AGENCY REVIEW**