



## Quick Stats Quarterly Agency Average Validation Score

This report provides a numerical average of the agency’s quarterly validity scores. Agencies in the blue section are indicative for completing data fields validity rules are assigned to. Agencies in the light blue section have an opportunity for improvement. Agencies in the orange/red need to review their documentation quality and/or completeness for improvement.

Patient care reports with a high validation score is not a conclusive indicator satisfying the Wyoming Rules and Regulations for a complete and accurate patient care report(s). Providers only completing data fields with validation rules may result in a compliance investigation.

*January 1, 2023 through March 31, 2023*

Agency Count	Ground Transporting City, Agency Name	Average Validity Score	+/- Change	Cumulative Percentile
1	Eden Farson Fire District (027)	100		30.2%
2	Fireside Medics, LLC (223)	100		
3	Glendo Volunteer Ambulance Service (030)	100		
4	Hulett EMS Inc. (039)	100		
5	Johnson County EMS - Kaycee (119)	100		
6	LaGrange Rescue Unit (046)	100	+27.0	
7	Mills Fire Department (057)	100		
8	Mortimore’s Ambulance Service (077)	100		
9	North Big Horn Hospital Ambulance (053)	100		
10	Powell Hospital Ambulance Service (065)	100		
11	Sublette County EMS (064)	100		
12	Ten Sleep Ambulance Service (076)	100		
13	Teton County Fire Protection District (171)	100		
14	Torrington Ambulance Service (078)	100		
15	Town of Pine Haven Ambulance (140)	100	+100	
16	Wamsutter EMS (080)	100		
17	Campbell County Health EMS (117)	99.9		41.5%
18	Gold Cross Ambulance (188)	99.9	+14.6	
19	Jackson Hole Fire/EMS (113)	99.9		
20	Laramie Fire Department (050)	99.9		
21	Sheridan Fire-Rescue (100)	99.9		
22	Uinta County EMS (116)	99.9		
23	Frontier Ambulance (215)	99.8		

Agency Count	Ground Transporting City, Agency Name	Average Validity Score	+/- Change	Cumulative Percentile
24	Johnson County EMS - Buffalo (114)	99.8		45.3%
25	Banner Health Paramedic Services - Platte County (169)	99.7		52.8%
26	Castle Rock Ambulance Service (033)	99.7		
27	Moorcroft Ambulance (059)	99.7		
28	South Lincoln County EMS (043)	99.7		
29	Evansville Emergency Services (026)	99.5		54.7%
30	Memorial Hospital of Converse County (022)	99.4		56.6%
31	American Medical Response (016)	99.1		60.3%
32	Cody Regional Health (019)	99.1		
33	Star Valley Health EMS (136)	99.1		
34	Wyoming Medical Center (014)	99.0		64.1%
35	South Central WY EMS (145)	98.8		66.0%
36	Carbon County EMS (124)	98.7		67.9%
37	Bridger Coal (I-106)	98.4		69.8%
38	Lusk Ambulance Service (054)	98.1		71.7%
39	Hawk Springs-FD (038)	97.5		73.6%
40	Laramie County Fire District #1 (159)	97.1		75.4%
41	Bar Nunn Fire Department (168)	96.6		77.4%
42	Crook County Medical Services District EMS (075)	96.5		79.2%
43	Pine Bluffs EMS (063)	95.4		81.1%
44	Village of Lyman (154)	95.0		83.0%
45	Salt Creek Emergency Services (056)	94.9	-5.1	84.9%
46	Rawlins Fire Department (175)	93.0	-7.0	86.8%
47	Lingle Fire Department (052)	92.1	+3.3	88.7%
48	Albin Rescue (002)	87.8	+37.8	90.6%
49	Burlington - BHFD #4 Ambulance (010)	87.7	-6.8	92.5%
50	Little Snake River EMS (004)	87.1	-2.9	94.3%
51	Cheyenne Regional Medical Center - Transport Services, (208)	82.3	-13.8	96.2%
52	Upton Fire Department (079)	80.0	-17.7	98.1%
53	Guardian Flight WY Ground (222)	0		100%

For column: +/- Change - if >5 points, section, or if blank there is no change to report from previous quarter.

**Percentage of Ground Agencies with Validity Average Meeting the Categories:**

Average Compliance	2023				2024			
	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
≥90	88.7%							
≥80 to <90	9.4%							
≥40 to <80	0.0%							
<40	1.9%							

**Transporting Agencies with 5 or Less Records within the Last Year Reporting Period and No Reports this Quarter**

America First Response (227)  
 Best Practice Medicine (214)  
 Emergency Response Logistics (225)  
 Grand Avenue Wildfire Response (201)  
 Minuteman EMS (228)

Nolen Independent Management (217)  
 North Park Hospital District (229)  
 Thunder Basin Coal (I-131)  
 Valley Ambulance Service (070)  
 Wilderness Medics (187)

Agency Count	Fire Protective Services and Non Transporting Agencies Agency Name	Average Validity Score	+/- Change	Cumulative Percentile
1	Fort Volunteer Fire Department (023)	100		20.0%
2	Natrona County Fire Protection District (099)	99.1		40.0%
3	Rock Springs Fire Department (111)	97.8		60.0%
4	Cheyenne Fire Rescue (112)	97.6		80.0%
5	City of Casper Fire-EMS Department (013)	95.5		100%

For column: +/- Change - if >5 points, section, or if blank there is no change to report from previous quarter.

**Non Transporting Agencies with 5 or Less Records within the Last Year Reporting Period and No Reports this Quarter:**

Bureau of Land Management (158)  
 Camp Guernsey Fire Department (195)  
 Thunder Basin Coal (I-131)

Wyoming Air Guard Airport Fire (221)  
 Wyoming State Parks (190)

**Percentage of Fire Protective Services and Non Transporting Agencies with Validity Average Meeting the Categories**

Average Compliance	2023				2024			
	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
≥90	100%							
≥80 to <90	0.0%							
≥40 to <80	0.0%							
<40	0.0%							

Agency Count	Flight Services City, Agency Name	Average Validity Score	+/- Change	Cumulative Percentile
1	Air Link FW (204)	100		
2	Air Link RW (139)	100		
3	Life Flight Network (177)	100		22.7%
4	Life Net Air Medical Services (203)	100		
5	Mercy Air Service, (212)	100	+100	
6	Air Idaho Rescue (021)	99.8		36.4%
7	Help Flight St. Vincent Healthcare (151)	99.8		
8	Travelaire Services Inc. (191)	99.8		
9	Black Hills Life Flight (106)	99.7		409%
10	Wyoming Life Flight - Air Methods (155)	99.6		45.5%
11	UCHealth LifeLine (184)	99.0		50.0%
12	Classic Air Medical (213)	98.5		54.5%
13	AirMed - University of Utah (028)	98.4		59.1%
14	Billings Clinic MedFlight (017)	95.7		63.6%
15	North Colorado MedEvac (035)	93.0	-7.0	68.2%
16	Intermountain Life Flight (024)	92.6		72.7%
17	Air Life - Health One (150)	91.5	-5.2	77.3%
18	Medical Air Rescue Company (179)	90.5	-9.2	81.8%
19	Guardian Flight (198)	76.1	-19.9	86.4%
20	Flight for Life (194)	75.0	-25.0	90.9%
21	Children's One (206)	13.5	-37.1	95.5%
22	Montana Medical Transport (202)	0		100%

For column: +/- Change - if >5 points, section, or if blank there is no change to report from previous quarter.

Flight Service Agencies with 5 or Less Records within the Last Year Reporting Period and No Reports this Quarter:

Birmingham AL, AirMed International (160)

Sheridan, Bighorn Airways (012)

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

Average Compliance	2023				2024			
	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
≥90	81.8%							
≥80 to <90	0.0%							
≥40 to <80	9.1%							
<40	9.1%							

### About This Report:

#### Requirements from the Rules and Regulations:

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

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

(d) *EMS personnel that provide care to a patient shall submit complete and accurate patient care reports for every request for service in the electronic system maintained by the division no later than two (2) hours after the ambulance or agency is returned to service and available for response...*

#### About the Validation Score:

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

- a) Related to an Injury/Illness.
- b) Relevant to the encounter.
- c) Public Health Monitoring.
- d) Estimation of Importance.
- e) National and State Schematron Rules.

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 set for any specific rule can range from zero (no point deduction however flagged) 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 patient care report is. A validation score of 100 indicates that all identified fields are completed. This is only a measure of *values entered in identified data fields* and 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 name was entered.

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.
- Agency template customization.
- 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.
- Robust agency reporting with prebuilt reports, custom reports, and national EMS measures.
- Health Information Exchange with integration to receiving hospital medical records systems.

For more information on WATRS Elite, please visit: <https://health.wyo.gov/publichealth/ems/ems-program-2/watrs/>