



**Wyoming Office of  
Emergency Medical Services  
& Trauma**  
*“Quick Stats”*



Agency Average Validation Score  
*January 1, 2018 through March 31, 2018*

Ground Transporting – WATRS Elite City, Agency Name	Average Validity Score	+/- Change if >5 points or section	Cumulative Percentile	Sequential Number
Afton, Star Valley Medical Center EMS (136)	100	NA	23.8%	1
Albin, Albin Rescue (2)	100	NA		2
Baggs, Little Snake River EMS (4)	100	+6.2		3
Casper, Wyoming Medical Center (14)	100	NA		4
Fort Laramie, Fort Laramie Ambulance Service (23)	100	NA		5
Glendo, Glendo Volunteer Ambulance Service (30)	100	NA		6
Hawk Springs, Hawk Springs-FD (38)	100	+25.0		7
LaGrange, LaGrange Rescue Unit (46)	100	NA		8
Lingle, Lingle Fire Department (52)	100	NA		9
Lovell, North Big Horn Hospital Ambulance (53)	100	NA		10
Midwest, Salt Creek Emergency Services (56)	100	+6.9		11
Newcastle, Newcastle Ambulance Service (105)	100	NA		12
Osage, Osage Volunteer Ambulance Service (61)	100	NA		13
Pine Haven, Town of Pine Haven Ambulance (140)	100	NA		14
Point of Rocks, Bridger Coal (I-106)	100	NA		15
Laramie, Laramie Fire Department (50)	99.9	NA	27.0%	16
Rawlins, Carbon County EMS (124)	99.9	NA	30.2%	17
Rock Springs, Sweetwater Medics LLC (130)	99.8	NA		18
Worland, Washakie County Ambulance Service (83)	99.8	NA	34.9%	19
Evanston, Uinta County EMS (116)	99.7	NA		20
Mills, Mills Fire Department (57)	99.7	NA		21
Pinedale, Sublette County EMS (64)	99.7	NA	38.1%	22
Centennial, Centennial Fire Department & Rescue (101)	99.4	NA		23
Jackson, Jackson Hole Fire/EMS (113)	99.4	NA	24	
Torrington, Torrington Ambulance Service (78)	99.3	NA	39.7%	25
Sheridan, Rocky Mountain Ambulance Service (104)	98.6	NA	42.9%	26
Wheatland, Platte County Memorial Hospital Service (169)	98.6	NA	44.4%	27
Sundance, Crook County Medical Services District EMS (75)	98.5	NA		28
Cheyenne, American Medical Response (16)	98.2	NA	46.0%	29
Cody, Cody Regional Health (19)	98.1	NA	50.8%	30
Gillette, Campbell County Health EMS (117)	98.1	NA		31
Green River, Castle Rock Ambulance Service (33)	98.1	NA		32
Thermopolis, Mortimore’s Ambulance Service (77)	97.8	NA	52.4%	33
Buffalo, Johnson County EMS – Buffalo (114)	97.5	NA	54.0%	34
Douglas, Memorial Hospital of Converse County (22)	97.3	NA		35

Ground Transporting – WATRS Elite City, Agency Name	Average Validity Score	+/- Change if >5 points or section	Cumulative Percentile	Sequential Number
Pine Bluffs, Pine Bluffs EMS (63)	97.3	NA	55.6%	36
Kemmerer, South Lincoln County EMS (43)	97.0	NA	58.7%	37
Evansville, Evansville Emergency Services (26)	96.6	NA	60.3%	38
Sheridan, Sheridan Fire-Rescue (100)	95.8	NA	61.9%	39
Elk Mountain, Saratoga, South Central WY EMS (145)	98.5	NA	63.5%	40
Riverton, Guardian EMS, Inc. (185)	95.0	NA	65.1%	41
Thayne, Thayne Ambulance Service (15)	94.6	NA	66.7%	42
Lusk, Lusk Ambulance Service (54)	94.2	NA	68.3%	43
Kaycee, Johnson County EMS – Kaycee (119)	94.1	NA	69.8%	44
Powell, Powell Hospital Ambulance Service (65)	93.1	NA	71.4%	45
Alpine, Alpine Fire Department (3)	92.3	+20.1	76.2%	46
Dayton, Dayton-Rescue Unit (92)	92.3	+3.4		47
Driggs ID, Teton County Fire Protection District (171)	90.7	+2.2	76.2%	48
Farson, Eden Farson Fire District	90.6	+3.3	77.8%	49
Hulett, Hulett EMS Inc. (39)	88.5	-7.9	79.4%	50
Ten Sleep, Ten Sleep Ambulance Service (76)	85.7	-14.3	81.0%	51
Moorcroft, Moorcroft Ambulance (59)	84.2	-5.2	82.5%	52
Wamsutter, Wamsutter EMS (80)	81.0	-15.3	84.1%	53
Upton, Upton Fire Department (79)	72.2	-20.2	85.7%	54
Burlington, Burlington - BHFD #4 Ambulance (10)	68.3	-31.6	87.3%	55
Burgess Junction, Burgess Junction Rescue (146)	0	-100	100%	56
Burns, Burns EMS (11)	0	-28.6		57
Edgemont, Edgemont Ambulance Service (029)	0	NA		58
Hamilton MT, Wilderness Medics (187)	0	NA		59
Lyman, Village of Lyman (154)	0	NA		60
Pinedale, Paramedics Unlimited (189)	0	NA		61
Salt Lake City UT, Gold Cross Ambulance (188)	0	NA		62
Scottsbluff NE, Valley Ambulance Service (70)	0	NA		63

Pending Agencies: Spearfish Emergency Ambulance Service, Red Lodge Fire Rescue, Rapid City Fire Department, UCHealth Emergency Medical Services

Percentage of Ground Agencies with Validity Average Meeting the Categories

Average Compliance	2015				2016				2017				2018			
	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	7/1 to 9/30	10/1 to 12/31
*≥95 or ≥90	81.7%	88.5%	88.5%	86.9%	83.6%	77.4%	82.3%	85.3%	82.0%	88.3%	78.8%	78.8%	77.8%			
≥80 to <90	5.0%	0.0%	1.6%	1.6%	3.3%	11.3%	8.1%	8.2%	8.2%	3.3%	6.1%	6.1%	6.3%			
≥40 to <80	3.3%	4.9%	4.9%	4.9%	4.9%	6.5%	3.2%	0%	3.3%	3.3%	7.6%	3.0%	3.2%			
0 to <40	10.0%	6.6%	4.9%	6.6%	8.2%	4.8%	6.5%	6.6%	6.6%	5.0%	7.6%	12.1%	12.7%			

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

Fire Protective Services (& Non Transporting) Agency Name	Average Validity Score	+/- Change if >5% or section	Cumulative Percentile	Sequential Number
Hyattville, Wyoming State Parks (190)	100	+5.6	20.0%	1
Rawlins, Rawlins Fire Department (175)	100	NA		2
Cheyenne, Laramie County Fire District #1 (159)	99.8	NA	30.0%	3
Rock Springs, Rock Springs Fire Department (111)	98.1	NA	40.0%	4
Cheyenne, Cheyenne Fire Rescue (112)	95.6	NA	50.0%	5
Casper, Casper Fire Department (13)	94.8	NA	60.0%	6
Casper, Natrona County Fire Protection District (99)	91.3	NA	70.0%	7
Bar Nunn, Bar Nunn Fire Department (168)	81.5	-11.5	80.0%	8
Cheyenne, Bureau of Land Management (158)	0	NA	100%	9
Sheridan, Sheridan Area Rural Fire Department (156)	0	NA		10

Flight Services City, Agency Name	Average Validity Score	+/- Change if >5% or section	Cumulative Percentile	Sequential Number
Aurora OR, Life Flight Network (177)	100	+12.0	23.8%	1
Loveland CO, Reach at Medical Center of the Rockies (184)	100	NA		2
Rapid City SD, Black Hills Life Flight (106)	100	+5.9		3
Rapid City SD, Medical Air Rescue Company (179)	NIR	NA		4
Pueblo CO, Travelaire Services Inc. (191)	100	+7.1		5
Lander, Gillette, Riverton, Worland, Guardian Flight (148)	98.4	NA	28.6%	6
Rawlins, Riverton, Classic Air Medical (147)	97.1	NA	33.3%	7
Salt Lake City UT, Intermountain Life Flight (024)	96.5	NA	38.1%	8
Billings MT, Billings Clinic MedFlight (017)	93.3	NA	42.9%	9
Idaho Falls ID, Air Idaho Rescue (021)	89.8	-5.3	47.6%	10
Rock Springs, AirMed - University of Utah (028)	85.6	-11.3	52.4%	11
Billings MT, Help Flight St. Vincent Healthcare (151)	85.1	-7.3	57.1%	12
Scottsbluff NE, Air Link (139)	84.9	NA	61.9%	13
Casper, Wyoming Life Flight – Air Methods (155)	83.3	-11.6	66.7%	14
Cheyenne, Air Life - Health One (150)	79.8	-17.2	71.4%	15
Lakewood CO, Flight for Life (194)	76.4	NA	76.2%	16
Scotts Bluff NE, Eagle Med (153)	66.7	-25.0	81.0%	17
Greeley CO, North Colorado MedEvac (035)	65.0	+65.0	85.7%	18
Bozeman, Reach Air (181)	50	+50	90.5%	19
Birmingham AL, AirMed International (160)	0	NA	100%	20
Sheridan, Bighorn Airways (012)	0	NA		21

NIR – No Incidents to Report

## 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.*

### About the Validation Score:

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 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 *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 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.
- 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 ImageTrend Help Desk, as well as the OEMS.

For more information on WATRS Elite, please visit:  
[www.health.wyo.gov/publichealth/ems/watrs](http://www.health.wyo.gov/publichealth/ems/watrs)

