



State of Washington

Traffic Records Assessment

April 07, 2014

National Highway Traffic Safety Administration

Technical Assessment Team





Executive Summary

Out of 391 assessment questions, Washington met the Advisory ideal for 224 questions, or 57.3% of the time; partially met the Advisory ideal for 68 questions, or 17.4% of the time, and did not meet the Advisory ideal for 99 questions or 25.3% of the time.

As Figure 1 illustrates, within each assessment module, Washington met the criteria outlined in the *Traffic Records Program Assessment Advisory* 89.5% of the time for Traffic Records Coordinating Committee Management, 81.3% of the time for Strategic Planning, 68.2% of the time for Crash, 64.1% of the time for Vehicle, 46.7% of the time for Driver, 31.6% of the time for Roadway, 44.4% of the time for Citation / Adjudication, 62.6% of the time for EMS / Injury Surveillance, and 38.5% of the time for Data Use and Integration.

Figure 1: Rating Distribution by Module

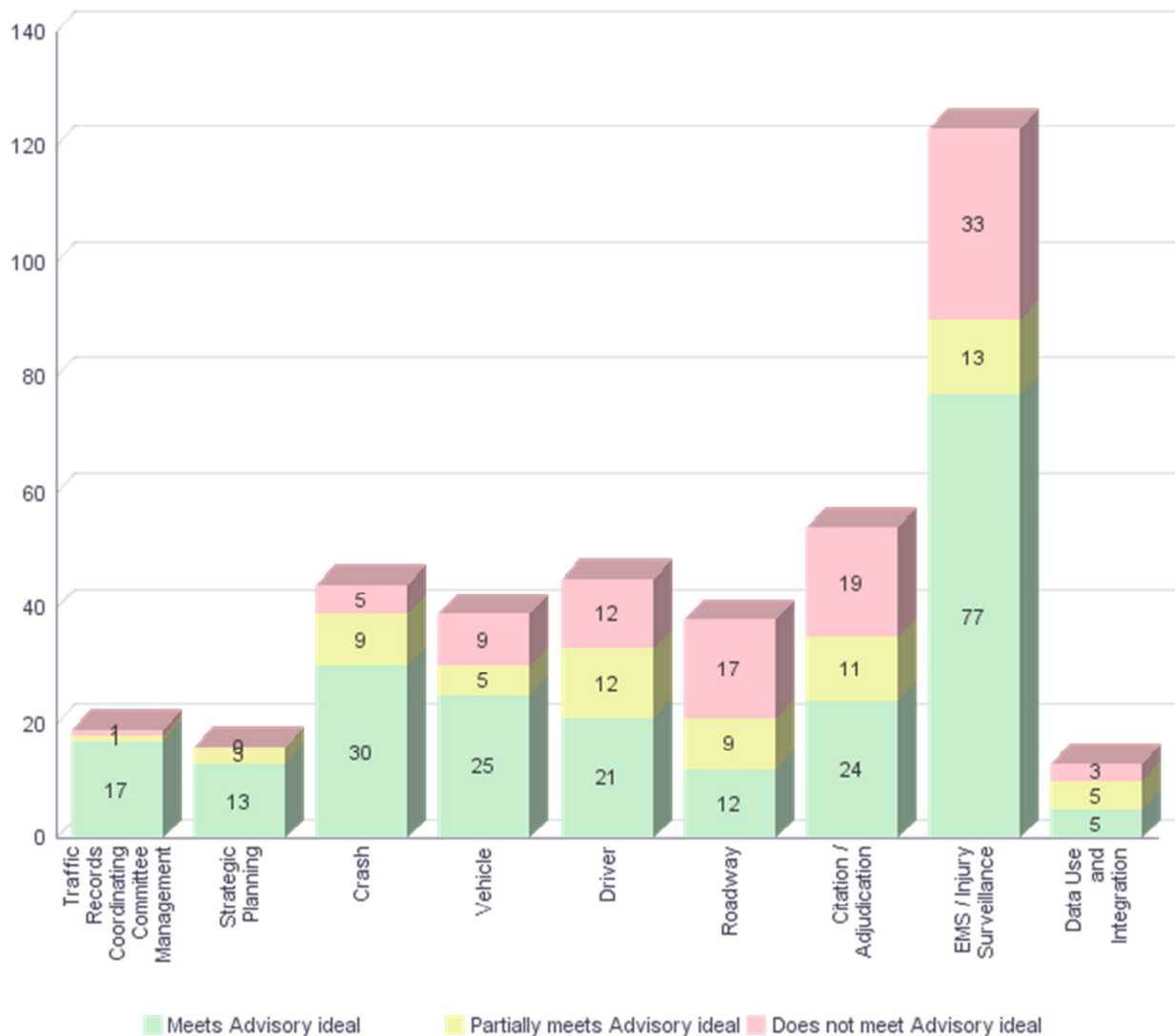












Figure 2: Assessment Section Ratings

	 Crash	 Vehicle	 Driver	 Roadway	 Citation / Adjudication	 EMS / Injury Surveillance
Description and Contents	96.4%	100.0%	53.3%	66.7%	91.2%	80.4%
Applicable Guidelines	100.0%	100.0%	100.0%	66.7%	78.9%	82.5%
Data Dictionaries	86.7%	100.0%	91.7%	66.7%	93.7%	80.0%
Procedures / Process Flow	89.6%	93.9%	82.4%	79.2%	75.3%	80.3%
Interfaces	66.7%	57.6%	76.2%	88.9%	38.1%	33.3%
Data Quality Control Programs	82.6%	68.3%	59.0%	45.7%	44.9%	79.1%
Overall	86.7%	80.6%	72.5%	62.3%	70.9%	78.8%

	Overall
Traffic Records Coordinating Committee Management	94.0%
Strategic Planning for the Traffic Records System	93.7%
Data Use and Integration	70.7%

Recommendations

Figure 2 shows the aggregate ratings by data system and assessment module. Each question’s score is derived by multiplying its rank and rating (very important = 3, somewhat important = 2, and less important = 1; meets = 3, partially meets = 2, and does not meet = 1). The sum total for each module section is calculated based upon the individual question scores. Then, the percentage is calculated for each module section as follows:

$$\text{Section average (\%)} = \frac{\text{Section sum total}}{\text{Section total possible}}$$

The cells highlighted in red indicate the module sub-sections that scored below that data system’s weighted average. The following priority recommendations are based on improving those module subsections with scores below the overall system score.

According to 23 CFR Part 1200, §1200.22, applicants for State traffic safety information system improvements grants are required to

“Include(s) a list of all recommendations from its most recent highway safety data and traffic records system assessment; identifies which such recommendations the State intends to implement and the performance measures to be used to demonstrate quantifiable and measurable progress; and for recommendations that the State does not intend to implement, provides an explanation.”





Washington can address the recommendations below by implementing changes to improve the ratings for the questions in those section modules with lower than average scores. Washington can also apply for a NHTSA Traffic Records GO Team, for targeted technical assistance.

Crash Recommendations

Improve the interfaces with the Crash data system that reflect best practices identified in the Traffic Records Program Assessment Advisory.

Improve the data quality control program for the Crash data system that reflect best practices identified in the Traffic Records Program Assessment Advisory.

Vehicle Recommendations

Improve the interfaces with the Vehicle data system that reflect best practices identified in the Traffic Records Program Assessment Advisory.

Improve the data quality control program for the Vehicle data system that reflect best practices identified in the Traffic Records Program Assessment Advisory.

Driver Recommendations

Improve the description and contents of the Driver data system that reflect best practices identified in the Traffic Records Program Assessment Advisory.

Improve the data quality control program for the Driver data system that reflect best practices identified in the Traffic Records Program Assessment Advisory.

Roadway Recommendations

Improve the data quality control program for the Roadway data system that reflect best practices identified in the Traffic Records Program Assessment Advisory.

Citation / Adjudication Recommendations

Improve the interfaces with the Citation and Adjudication systems that reflect best practices identified in the Traffic Records Program Assessment Advisory.

Improve the data quality control program for the Citation and Adjudication systems that reflect best practices identified in the Traffic Records Program Assessment Advisory.

EMS / Injury Surveillance Recommendations

Improve the interfaces with the Injury Surveillance systems that reflect best practices identified in the Traffic Records Program Assessment Advisory.





Data Use and Integration Recommendations

Improve the traffic records systems capacity to integrate data that reflect best practices identified in the Traffic Records Program Assessment Advisory.

