

# Oregon Traffic Records Assessment



Tim Kerns | January 19, 2021

**Report Out Briefing**

# Question Response Summary



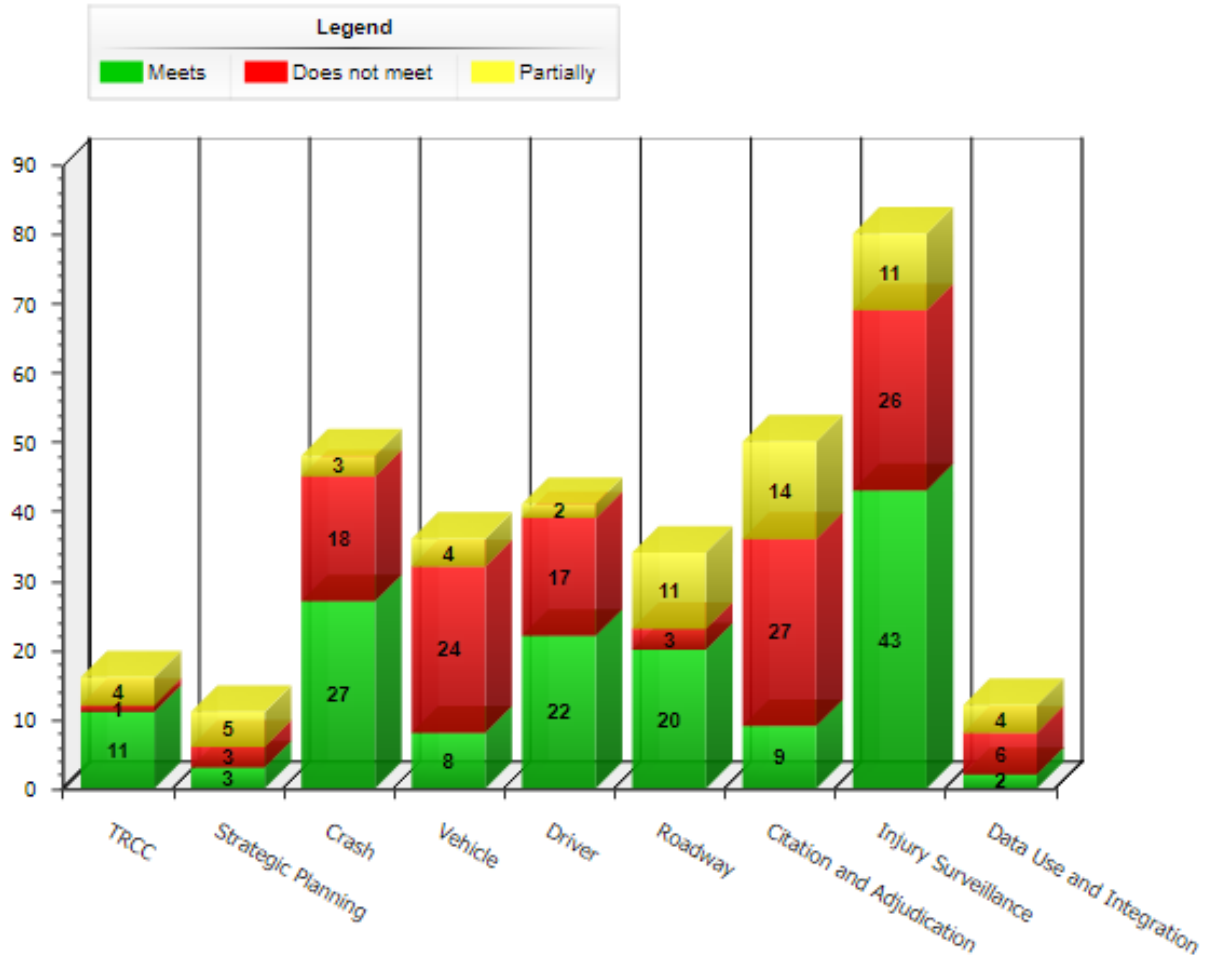
Advisory Module	Questions	Responses	Respondents
TRCC Management	16	31	3
Strategic Planning	11	11	6
<b>Crash</b>	<b>48</b>	<b>48</b>	<b>4</b>
<b>Driver</b>	<b>41</b>	<b>41</b>	<b>3</b>
<b>Vehicle</b>	<b>36</b>	<b>36</b>	<b>3</b>
<b>Roadway</b>	<b>34</b>	<b>35</b>	<b>6</b>
<b>Citation / Adjudication</b>	<b>50</b>	<b>59</b>	<b>4</b>
<b>Injury Surveillance</b>	<b>80</b>	<b>80</b>	<b>3</b>
<b>Data Use &amp; Integration</b>	<b>12</b>	<b>36</b>	<b>9</b>
<b>Total</b>	<b>328</b>	<b>377</b>	
<i>Total Unique Respondents</i>			<b>9</b>



# Rating Distribution by Module



Rating Distribution by Module



# Oregon Strengths



- **Active TRCC with defined charter and representation from all core data systems**
- **Single statewide crash database**
- **Oregon License Issuance Vehicle Registration (OLIVR)**
- **Law Enforcement Database**
- **Injury surveillance system with all core components**
- **Plans for data integration among traffic record data systems**



# Change in Ratings

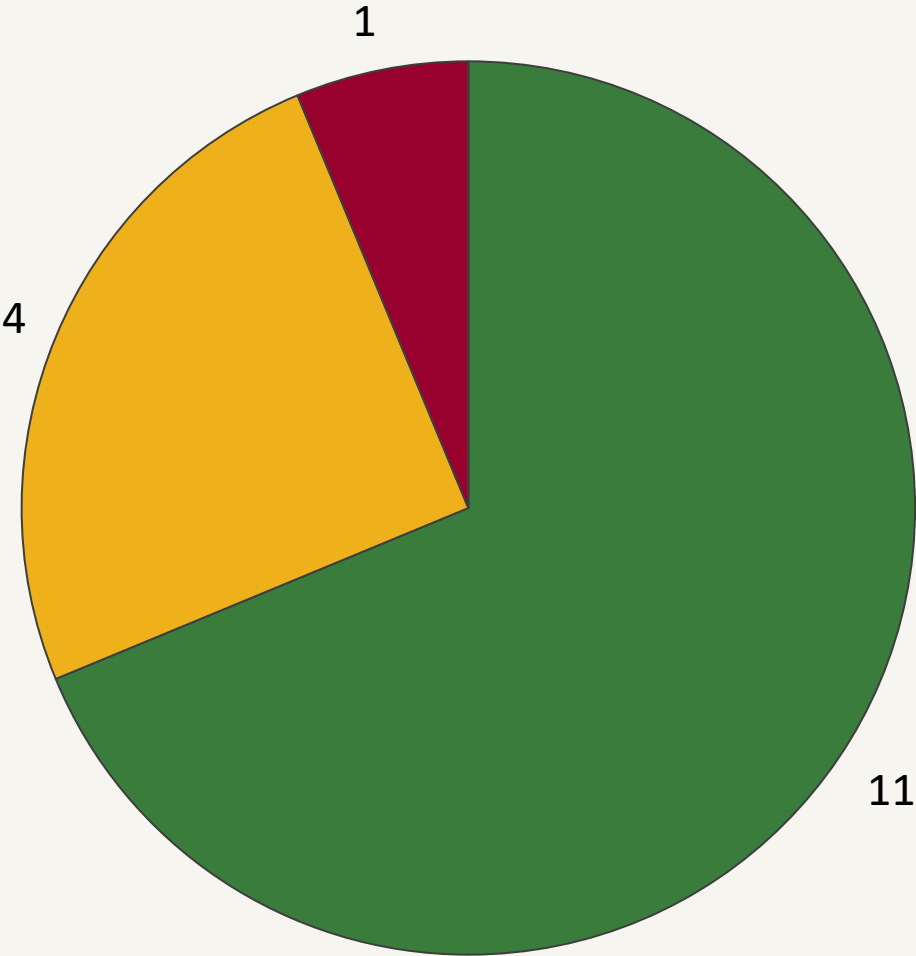


## Change in Ratings from 2015 Assessment

	Meets	Partially Meets	Does Not Meet
TRCC Management	0	0	0
Strategic Planning	3	1	-4
Crash	0	0	0
Vehicle	-2	0	2
Driver	0	-1	1
Roadway	0	2	-2
Citation & Adjudication	1	-1	0
Injury Surveillance	-1	3	-2
Data Use and Integration	0	0	0
Total	1	4	-5



# TRCC Management



- Meet
- Partially Meet
- Does Not Meet





## Recommendations

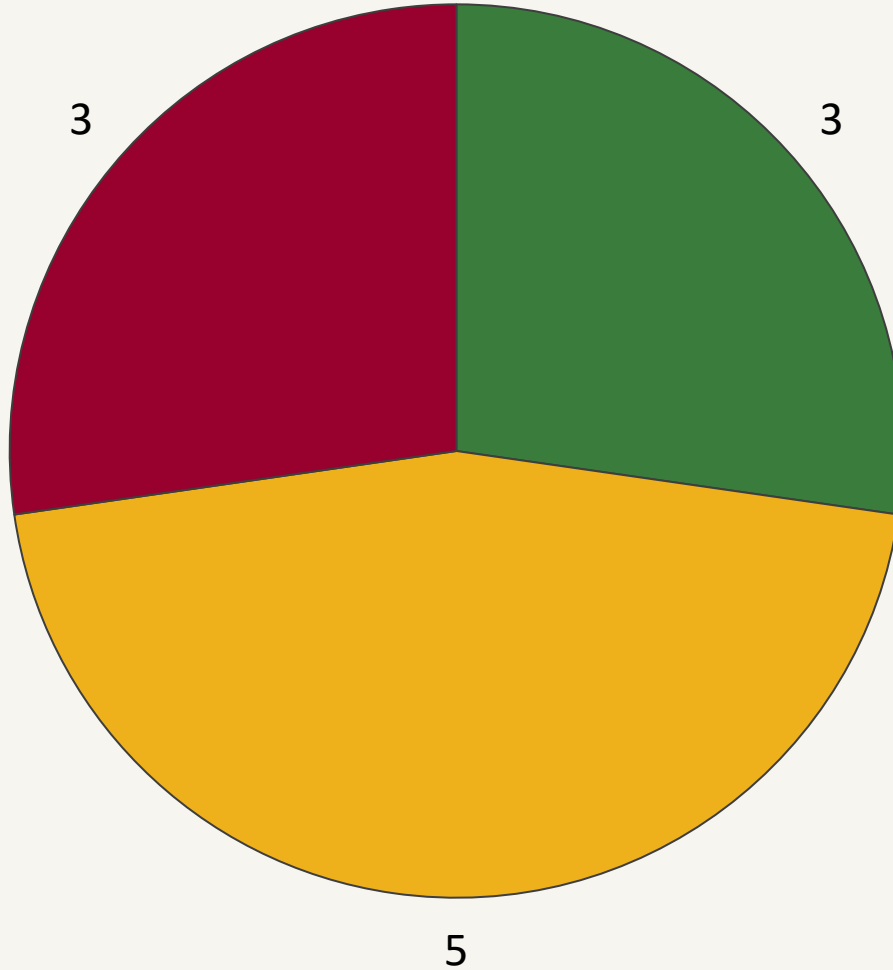
- None

## Considerations:

- Develop project management plans and expand the strategic plan's project-level information beyond the current brief descriptions that might include, project timelines, contact information, funding sources, and periodically report project status to the TRCC.
- Develop an inventory about ongoing traffic record system training/technical assistance needs and regularly discuss these needs at TRCC meetings.
- Develop a comprehensive traffic records inventory



# Strategic Planning



- Meet
- Partially Meet
- Does Not Meet







## Recommendations

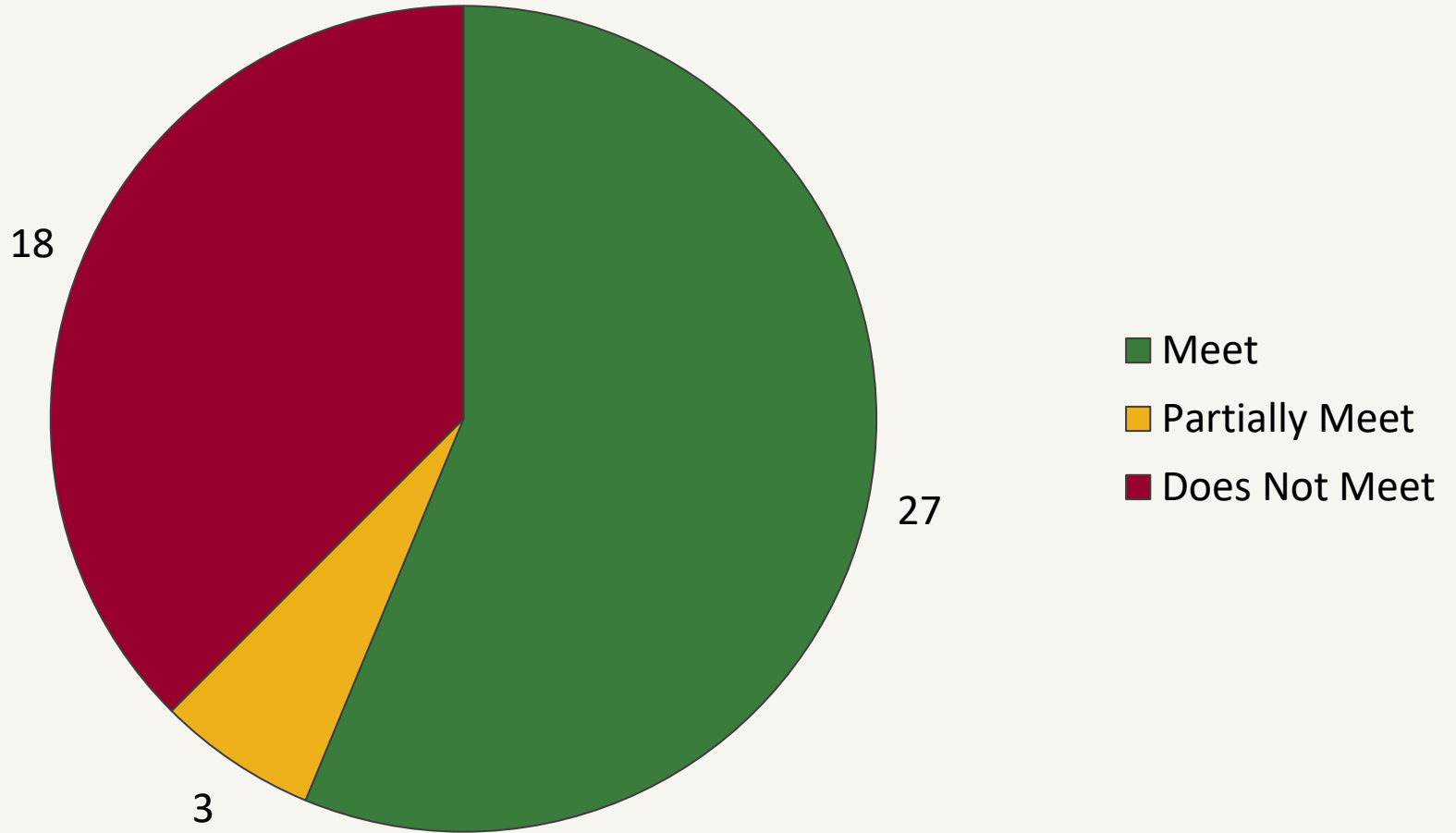
- None

## Considerations:

- Identify safety stakeholder training needs and technical assistance as well as including the same in traffic records improvement project implementation plans.
- Develop a process of identifying improvement projects to remedy the deficiencies or, once the projects are identified, a prioritization process to design, develop, and implement the projects.
- Conduct a routine review of projects, including the lifecycle consideration, and adding the lifecycle review process to the Strategic Plan.



# Crash





## Recommendations

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



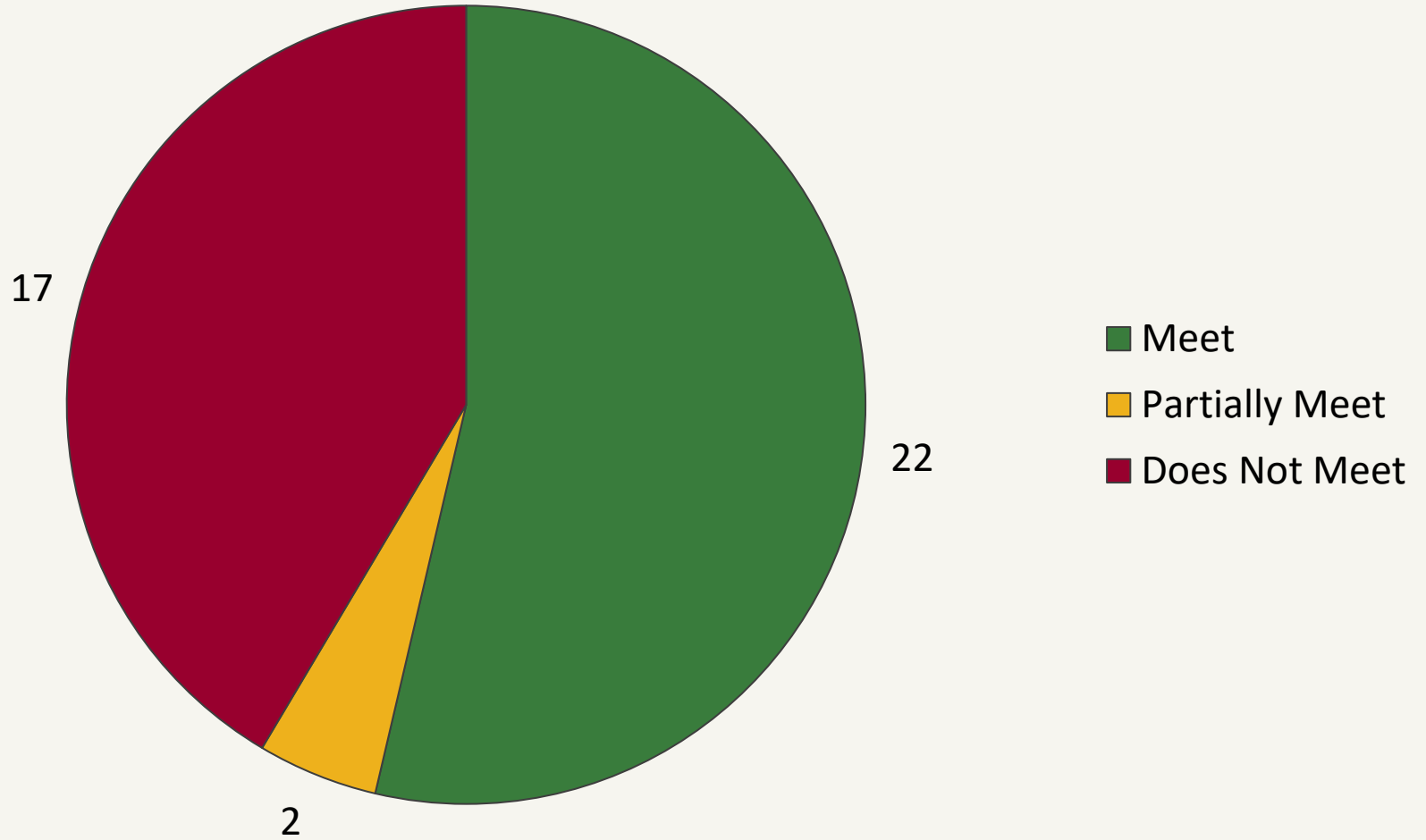


## Considerations:

- Develop a process to conduct sample-based audits of crash reports to ensure that data elements are being captured and coded to the database correctly.
- Establish targeted timelines in the five-year business plan to achieve 100 percent electronic crash submission in order to keep the project on track. Adjust as needed to ensure completion.



# Driver





## Recommendations

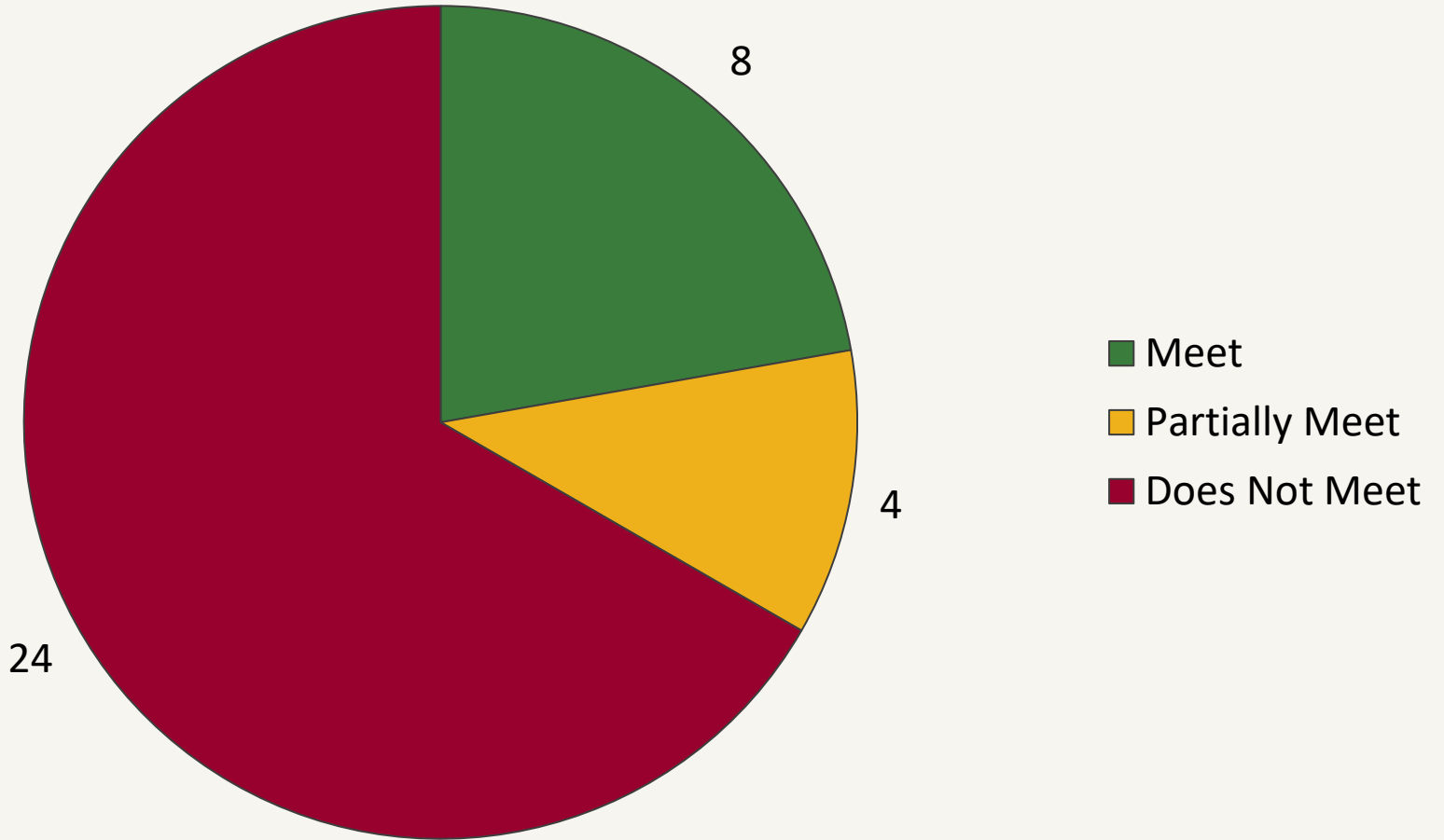
- Improve the data dictionary for the Driver data system to reflect best practices identified in the Traffic Records Program Assessment Advisory.
- Improve the data quality control program for the Driver data system to reflect best practices identified in the Traffic Records Program Assessment Advisory.

## Considerations:

- Adopt a formal DUI tracking system to take advantage of the available components currently in place.



# Vehicle





## Recommendations

- Improve the applicable guidelines for the Vehicle data system to reflect best practices identified in the Traffic Records Program Assessment Advisory.
- Improve the data dictionary for the Vehicle data system to reflect best practices identified in the Traffic Records Program Assessment Advisory.
- Improve the data quality control program for the Vehicle data system to reflect best practices identified in the Traffic Records Program Assessment Advisory.
- Improve the interfaces with the Vehicle data system to reflect best practices identified in the Traffic Records Program Assessment Advisory.





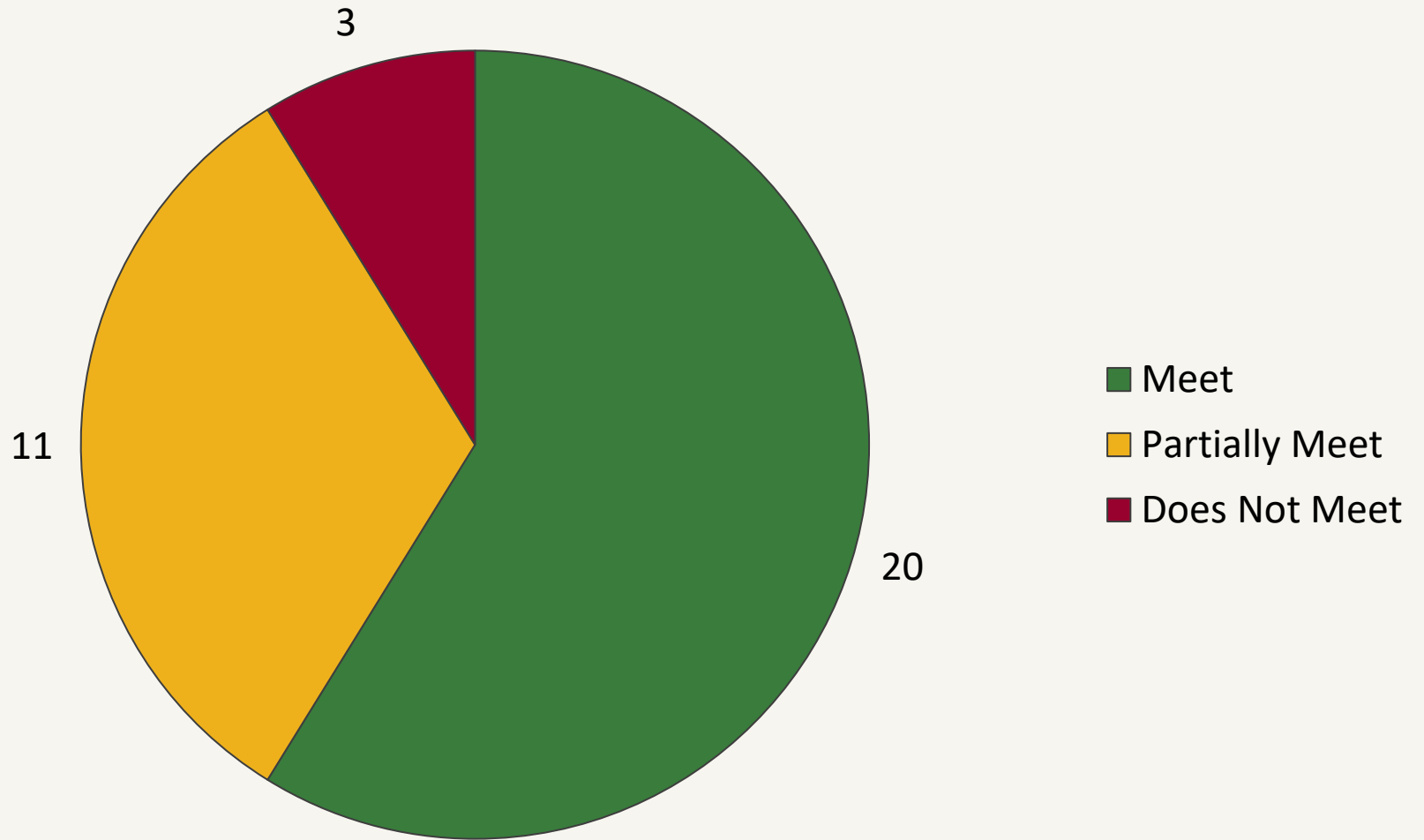


## Considerations:

- Establish formal processes to evaluate high frequency errors and to receive user feedback to monitor the system performance and to recommend system or process efficiency improvements.
- Incorporate barcodes on vehicle registration documents to allow for rapid, accurate collection of vehicle information by law enforcement officers in the field using barcode readers or scanners.
- Implement a vehicle system procedure for receiving and reviewing crash records where discrepancies have been identified during data entry in the crash data system.



# Roadway





## Recommendations

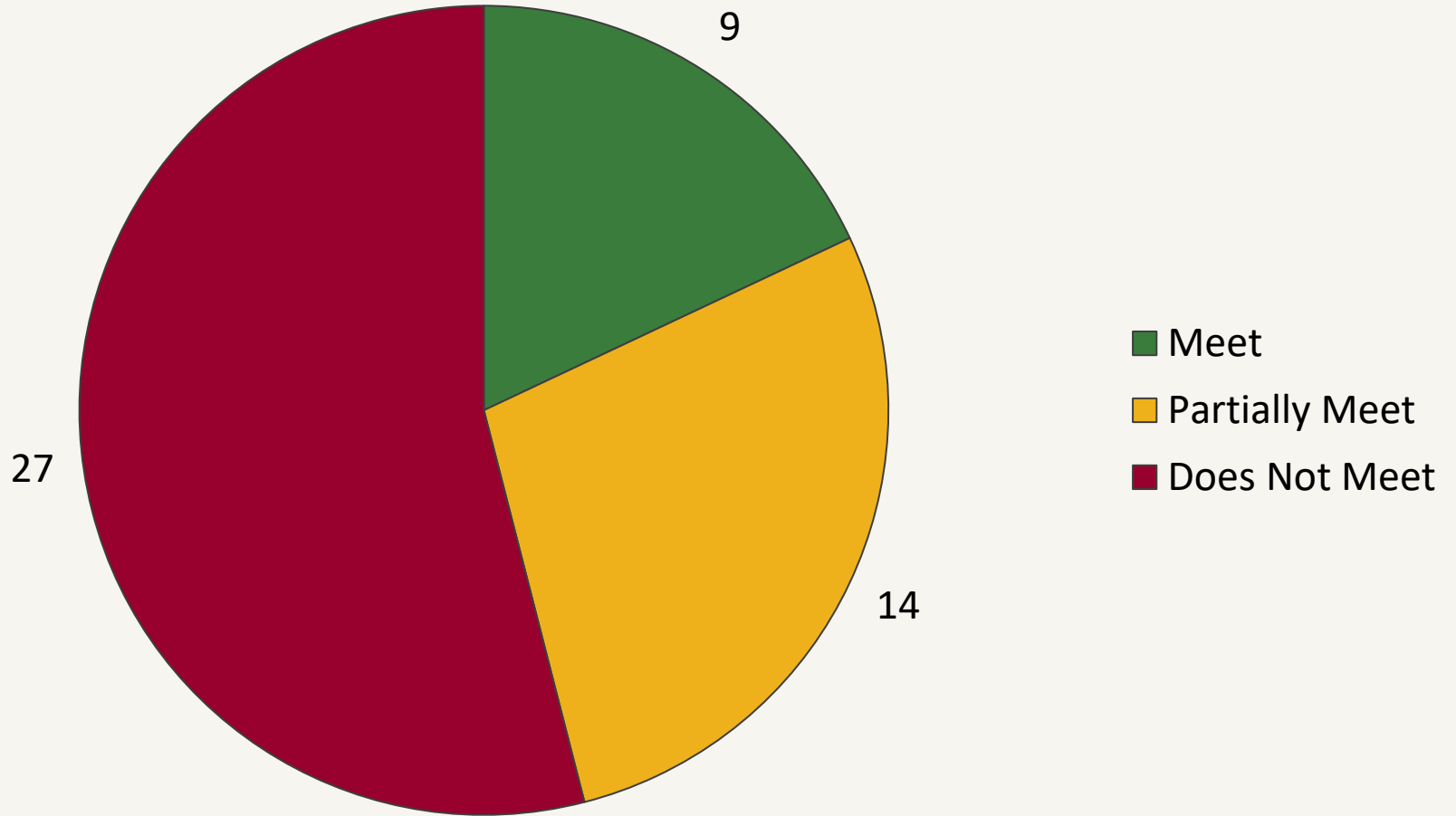
- Improve the applicable guidelines for the Roadway data system to reflect best practices identified in the Traffic Records Program Assessment Advisory.
- Improve the data quality control program for the Roadway data system to reflect best practices identified in the Traffic Records Program Assessment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

## Considerations:

- Develop a formal mechanism for updating and monitoring whether the data dictionary standards are being adhered to. Centralizing this process will ensure consistency and efficiency in the dictionary.
- Develop a standard data quality report.



# Citation/Adjudication





## Recommendations

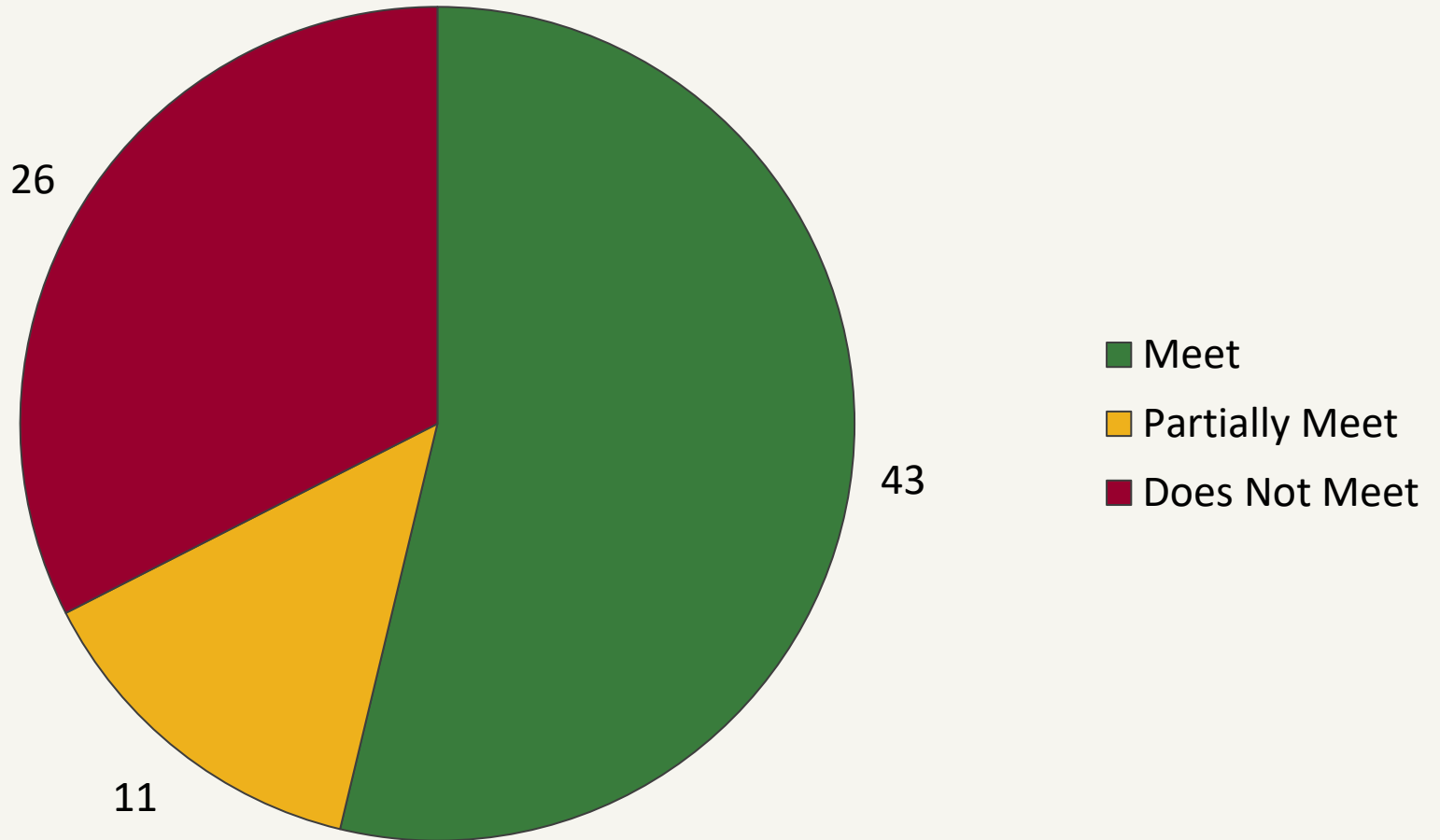
- Improve the data dictionary for the Citation and Adjudication systems to reflect best practices identified in the Traffic Records Program Assessment Advisory.
- Improve the data quality control program for the Citation and Adjudication systems to reflect best practices identified in the Traffic Records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

## Considerations:

- Develop a data dictionary for all citation and disposition fields, not just those fields used in the STOP Report.
- Create a statewide DUI or Impaired Driving Database that tracks citation issuance, prosecution, and disposition information.
- Consolidate data from all courts in the State.



# Injury Surveillance





## Recommendations

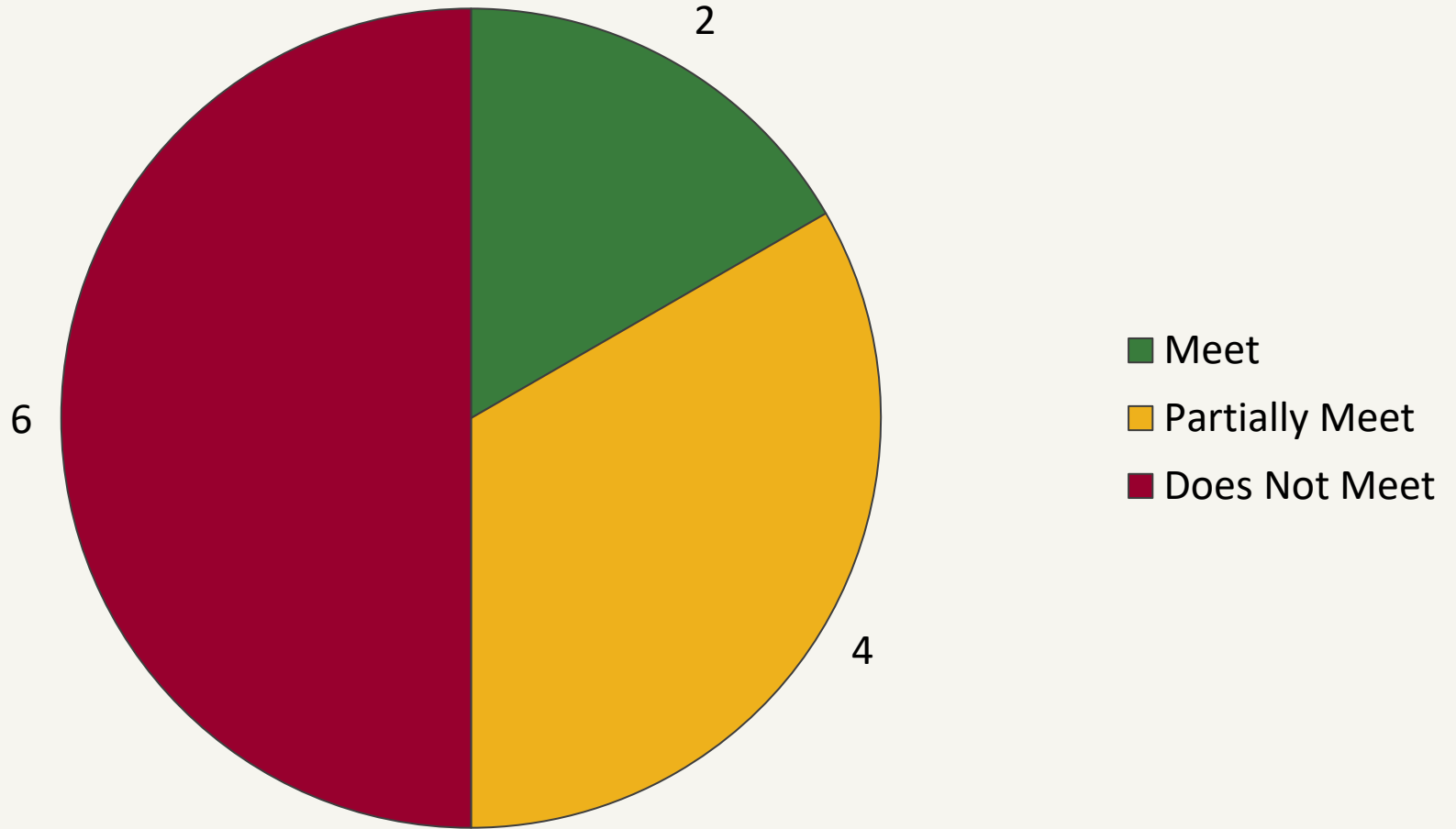
- Improve the data quality control program for the Injury Surveillance systems to reflect best practices identified in the Traffic Records Program Assessment Advisory.

## Considerations:

- Develop processes to assure that reports rejected for errors are tracked through resubmission to the original database.
- Provide data quality management and other reports regularly to the State TRCC.



# Data Use & Integration







## Recommendations

- None

## Considerations:

- Use other traffic safety data systems in addition to crash and roadway for specific analytical purposes.
- Model the Oregon Department of Transportation's comprehensive data governance to other traffic record data systems.



Training and Technical Assistance Programs

# NEXT STEPS





In comparing a State's traffic records system to the ideal outlined in the *Advisory*, assessments:

- Identify strengths and challenge areas
- Rank questions to help prioritize investment
- Supply recommendations & considerations for improvement



How do we move forward?



# Next Steps



- **Contact your NHTSA Regional Program Manager about the necessary TRCC Strategic Plan updates required prior to next §405(c) grant application.**
- **Use the *Advisory* as a resource for developing, prioritizing, and executing new projects and programs.**
- **If desired, submit your application to your NHTSA Regional Program Manager to apply for a technical assistance to help with assessment recommendations or other traffic records initiatives identified by the TRCC.**

[Application](#)





State requests technical assistance on a specific TR issue

State, working with its RPM and the TR Team, prepares a request

NHTSA identifies GO Team members & sends to State

- Small-to-medium scope projects
- Number of GO Teams depends upon available resources
- GO Teams work with States to accomplish goals





- **Strategic Planning**
- **Performance Measurement**
- **Data Integration**
- **Crash Data Improvement Program**
- **MMUCC Mapping**



# Successful GO Team Applications





- A detailed description of the technical issues that the GO Team will need to address;
- A description of the specific technical assistance being requested from the GO Team;
- A description of the current and past efforts to address this problem;
- An explanation of how the GO Team assistance fits into the TRCC's Strategic Plan;
- The anticipated improvements that the GO Teams are likely to provide to the State's traffic records data systems; and
- The contact information of the State officials who will be tasked to work with the GO Team to address this problem.



# Technical Assistance Application



[http://www.nhtsa.gov/DOT/NHTSA/NVS/TrafficRecords/Training\\_Technical\\_Assistance\\_Application.docx](http://www.nhtsa.gov/DOT/NHTSA/NVS/TrafficRecords/Training_Technical_Assistance_Application.docx)



## Training & Technical Assistance Application

<p><b>State:</b> <a href="#">Click here to enter text.</a></p> <p><b>State Point of Contact</b></p> <p><b>Name:</b> <a href="#">Click here to enter text.</a></p> <p><b>Phone:</b> <a href="#">Click here to enter text.</a></p> <p><b>Email:</b> <a href="#">Click here to enter text.</a></p>	<p><b>Date:</b> <a href="#">Click here to enter a date.</a></p> <p><b>NHTSA Regional Program Manager</b></p> <p><b>Name:</b> <a href="#">Click here to enter text.</a></p> <p><b>Phone:</b> <a href="#">Click here to enter text.</a></p> <p><b>Email:</b> <a href="#">Click here to enter text.</a></p>
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Please select the type of program requested:

CDIP w/ MMUCC mapping     MMUCC Mapping only     Technical Assistance     Training

<p><b>RPM Tracking</b></p> <p><b>Date of receipt:</b> <a href="#">Click here to enter a date.</a></p> <p><b>Priority?</b> Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p><b>RPM Recommendation on page two</b></p>	<p><b>TR Team Tracking</b></p> <p><b>Date of receipt:</b> <a href="#">Click here to enter a date.</a></p> <p><b>Priority?</b> Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p><b>Notes:</b> <a href="#">Click here to enter text.</a></p>
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<p>For technical assistance requests, please provide a narrative addressing the following:</p> <ul style="list-style-type: none"><li>Describe the specific technical issue the State wishes to address.</li><li>Describe the specific technical assistance the State requires.</li><li>Describe the desired outcome of this technical assistance.</li><li>Provide the details of the State officials that will work with the Go Team on this issue.</li><li>Describe in detail the specific actions the State has already taken to address this issue?</li><li>Describe how a GO Team for this issue supports the State TRCC's Strategic Plan?</li><li>Describe how will this technical assistance improve the performance of the State's traffic records data systems?</li></ul>	<p>For training requests, please provide a narrative addressing the following:</p> <ul style="list-style-type: none"><li>Describe the specific training needs.</li><li>Describe any previous training or experience related to this subject has the State received.</li><li>Who are the participants that will take this training and what are their backgrounds?</li><li>Does the State have an appropriate training facility available?</li><li>Provide the details of the person from the State that will coordinate the administrative aspects of this training (if different from the above designated State Point of Contact)?</li><li>Describe how this training will support the State TRCCs strategic plan.</li><li>Describe how this training will improve the performance of the State's traffic records data systems.</li></ul>
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**State Narrative:**  
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# Becoming an Assessor



- If you would like to be considered as an assessor for future assessments of other States' traffic records systems, please email Kathleen Haney and copy John Siegler.
  - Kathleen Haney – [khaney@vhb.com](mailto:khaney@vhb.com)
  - John Siegler – [john.siegler@dot.gov](mailto:john.siegler@dot.gov)
- Please identify your areas of traffic records expertise and include a brief summary of your work experience.





**Thank You**

