

Oregon Traffic Records Assessment



Cindy Burch | July 21, 2026

Report Out Briefing

Question Response Summary



Advisory Module	Questions	Responses
TRCC Management	16	16
Strategic Planning	11	11
Crash	48	48
Vehicle	36	50
Driver	41	53
Roadway	34	68
Citation / Adjudication	50	50
Injury Surveillance	80	85
Data Use & Integration	12	12
Total	328	393



Rating Distribution by Module



Rating Distribution by Module



Oregon Strengths



- Strong Traffic Records Coordinating Committee (TRCC) with good participation from partner agencies.
- Crash data system transition is a great opportunity, and there are plans to improve all aspects of the data collection and management processes.
- Impressive driver and vehicle data systems managed together with high interoperability.
- Solid roadway data management system with information from all public roadways, including all MIRE Fundamental Data Elements (FDE) and more.



Oregon Strengths



- Sound citation data collection and transmission to the courts and convictions to the driver history record.
- Exceptional injury surveillance system with each component (EMS, trauma, emergency department, hospital discharge, vital records) well represented in traffic records efforts.
- Crash – roadway data integration is a model for additional linkages.



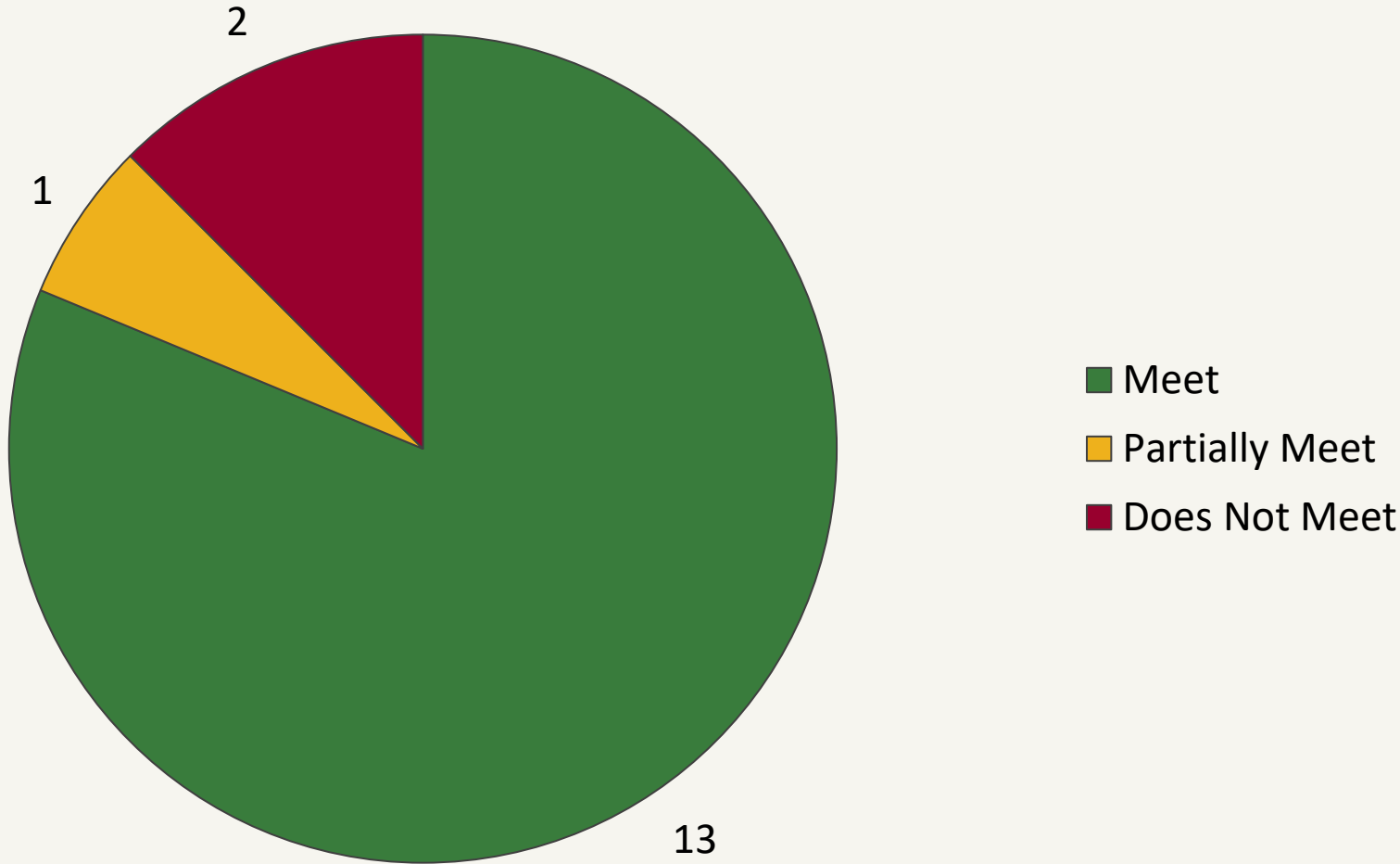
Change in Ratings



Change in Ratings from 2021 Assessment

	Meets	Partially Meets	Does Not Meet
TRCC Management	2	-3	1
Strategic Planning	4	-1	-3
Crash	-5	8	-3
Vehicle	7	4	-11
Driver	4	3	-7
Roadway	-6	7	-1
Citation & Adjudication	-7	-3	10
Injury Surveillance	20	-1	-19
Data Use and Integration	3	-1	-2
Total	22	13	-35







Recommendations

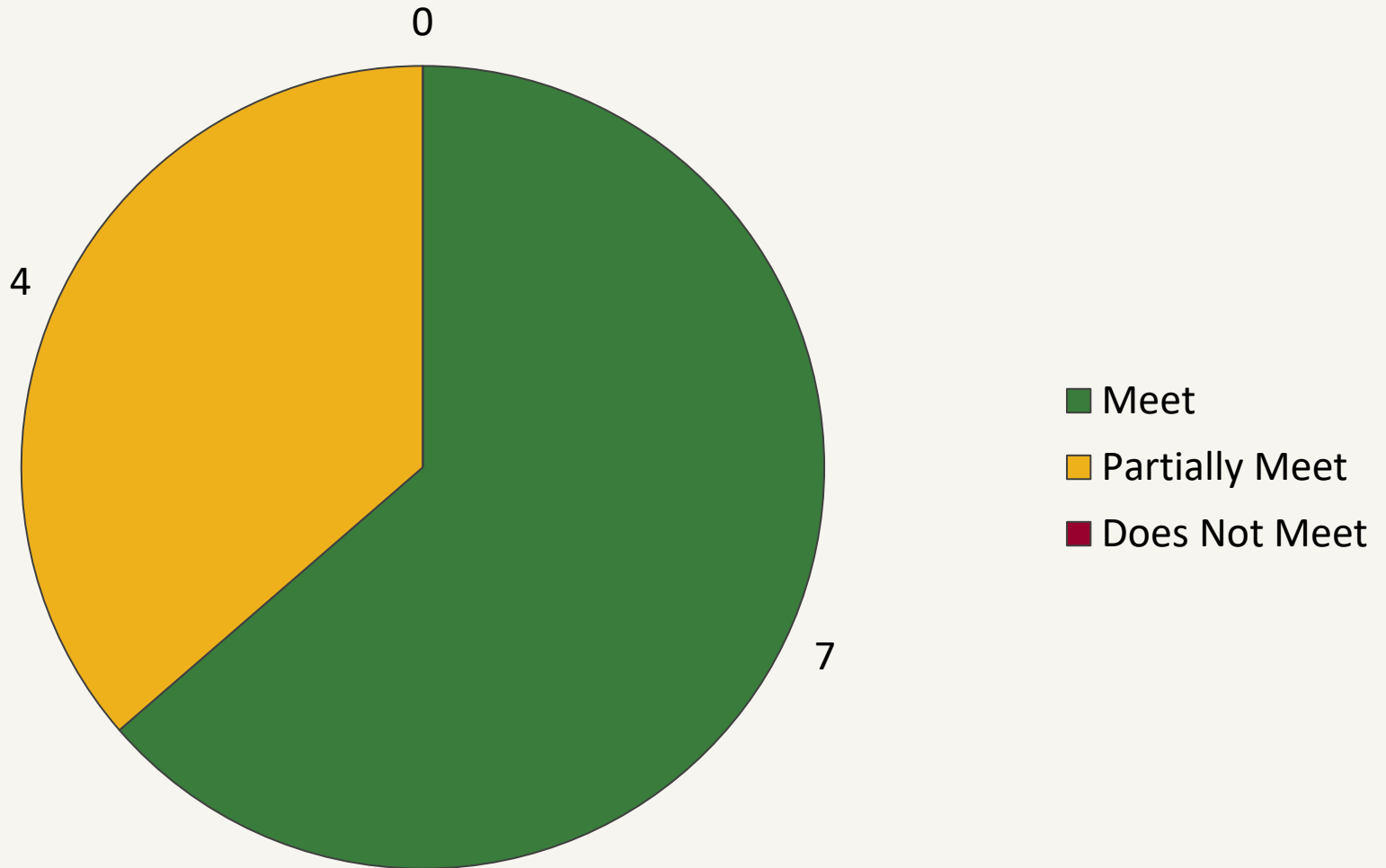
- None

Considerations

- Complete the development of the Traffic Records Data Inventory. The inventory is a comprehensive document covering each traffic records data system.
- Formalize the process to include state IT in discussions on both current and new projects. The IT representatives do not need to be formal members of the TRCC but should attend as needed to consult during project discussions.



Strategic Planning





Recommendations

- None

Considerations

- Enhance the Traffic Records Strategic Plan by documenting the processes used to establish project timelines, assign responsibilities, and integrate evolving State, local, and Tribal data needs throughout implementation.
- Establish a recurring process to identify stakeholder technical assistance and training needs, such as incorporating an annual Traffic Records Coordinating Committee discussion, stakeholder survey, or post-project lessons learned review into the Traffic Records Strategic Plan cycle.



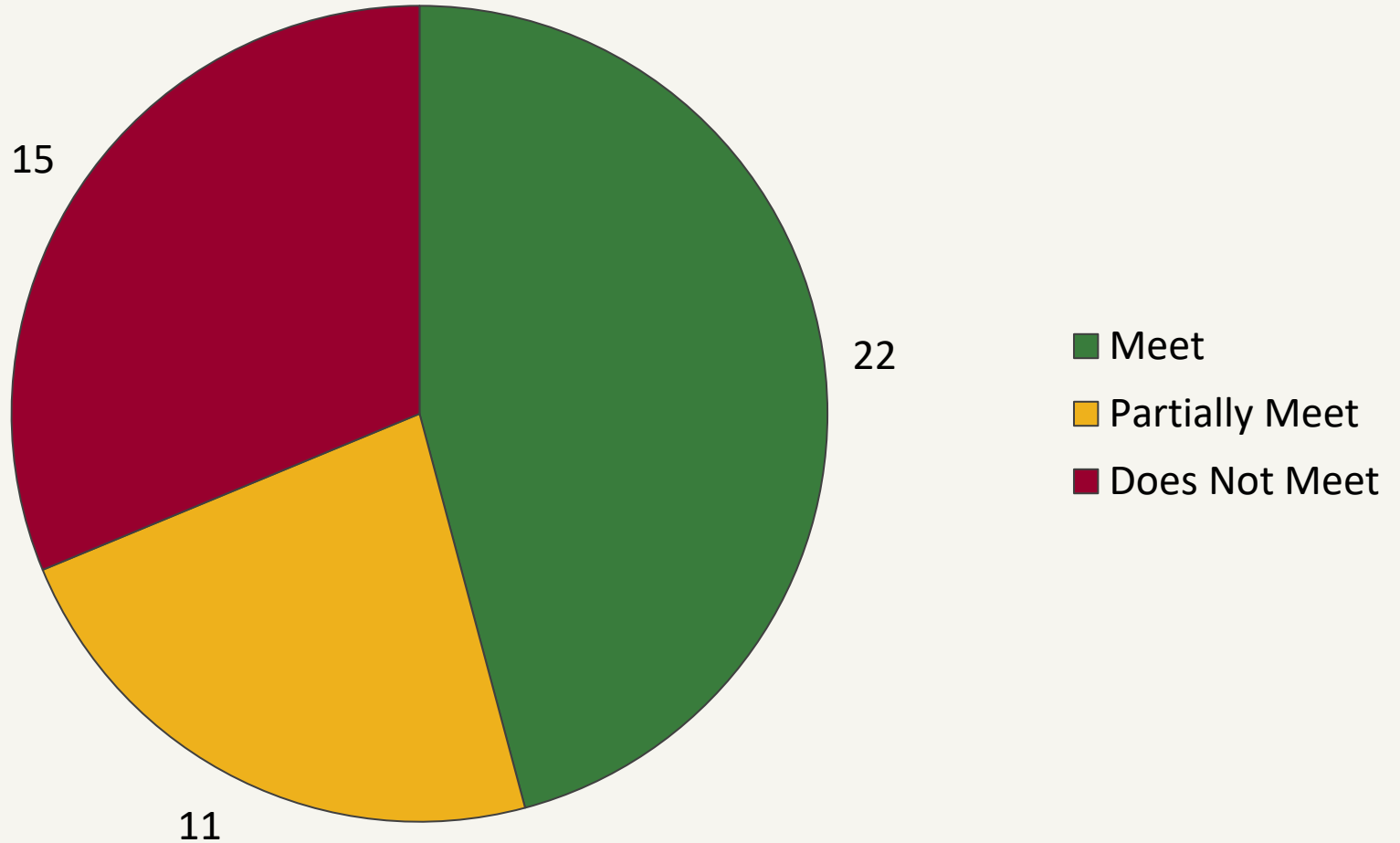


Considerations

- Document long-term operations, maintenance, replacement, and sustainability costs (lifecycle costs) within future Traffic Records Strategic Plans for major technology initiatives.



Crash





Recommendations

1. Improve the data quality control program for the Crash data system to reflect best practices identified in the Traffic Records Program Assessment Advisory.
2. Improve the interfaces with the Crash data system to reflect best practices identified in the Traffic Records Program Assessment Advisory.
3. Improve the procedures/ process flows for the Crash data system to reflect best practices identified in the Traffic Records Program Assessment Advisory.

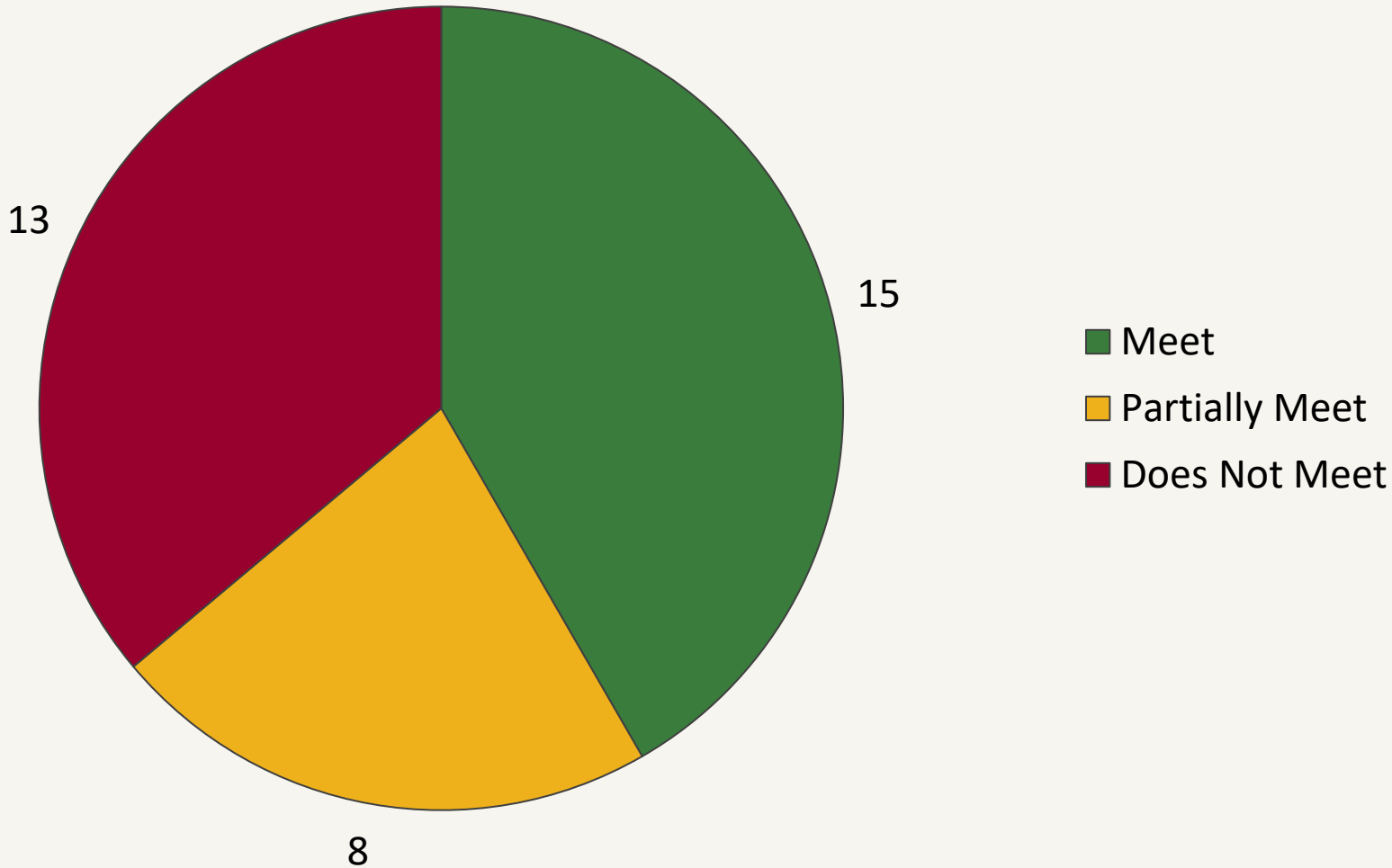




Considerations

- Establish performance measures for uniformity, completeness, accessibility, and integration. These should include baseline values as well as numerical goals.
- Establish a process to track any changes to a crash report, including the date of change, what changed, and who made the changes.
- Develop a formal process for returning the crash to the original officer if questions arise.







Recommendations

4. Improve the data quality control program for the Vehicle data system to reflect best practices identified in the Traffic Records Program Assessment Advisory.
5. Improve the description and contents of the Vehicle data system to reflect best practices identified in the Traffic Records Program Assessment Advisory.
6. Improve the interfaces with the Vehicle data system to reflect best practices identified in the Traffic Records Program Assessment Advisory.



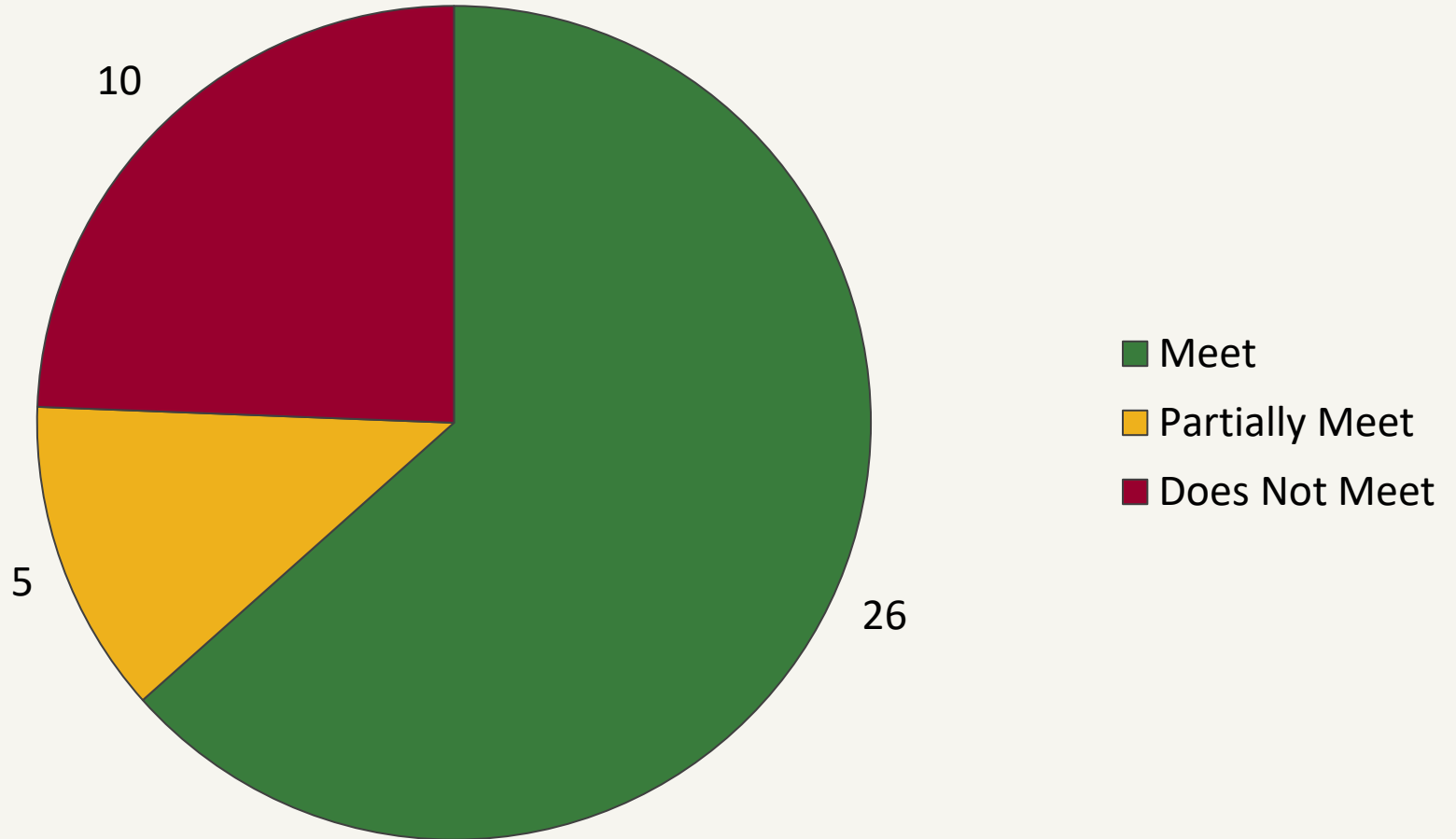


Considerations Continued

- Evaluate adding a 2D barcode to vehicle registrations and encouraging law enforcement agencies to use barcode readers for vehicle data collection.
- Research modernization of the vehicle data system that would support real-time title issuance and include this initiative in your TRCC Strategic Plan. Explore grant funding opportunities to help cover implementation costs.
- Establish meaningful performance measures with numeric goals for all the vehicle data as it pertains to timeliness, accuracy, completeness, uniformity, integration, and accessibility.



Driver





Recommendations

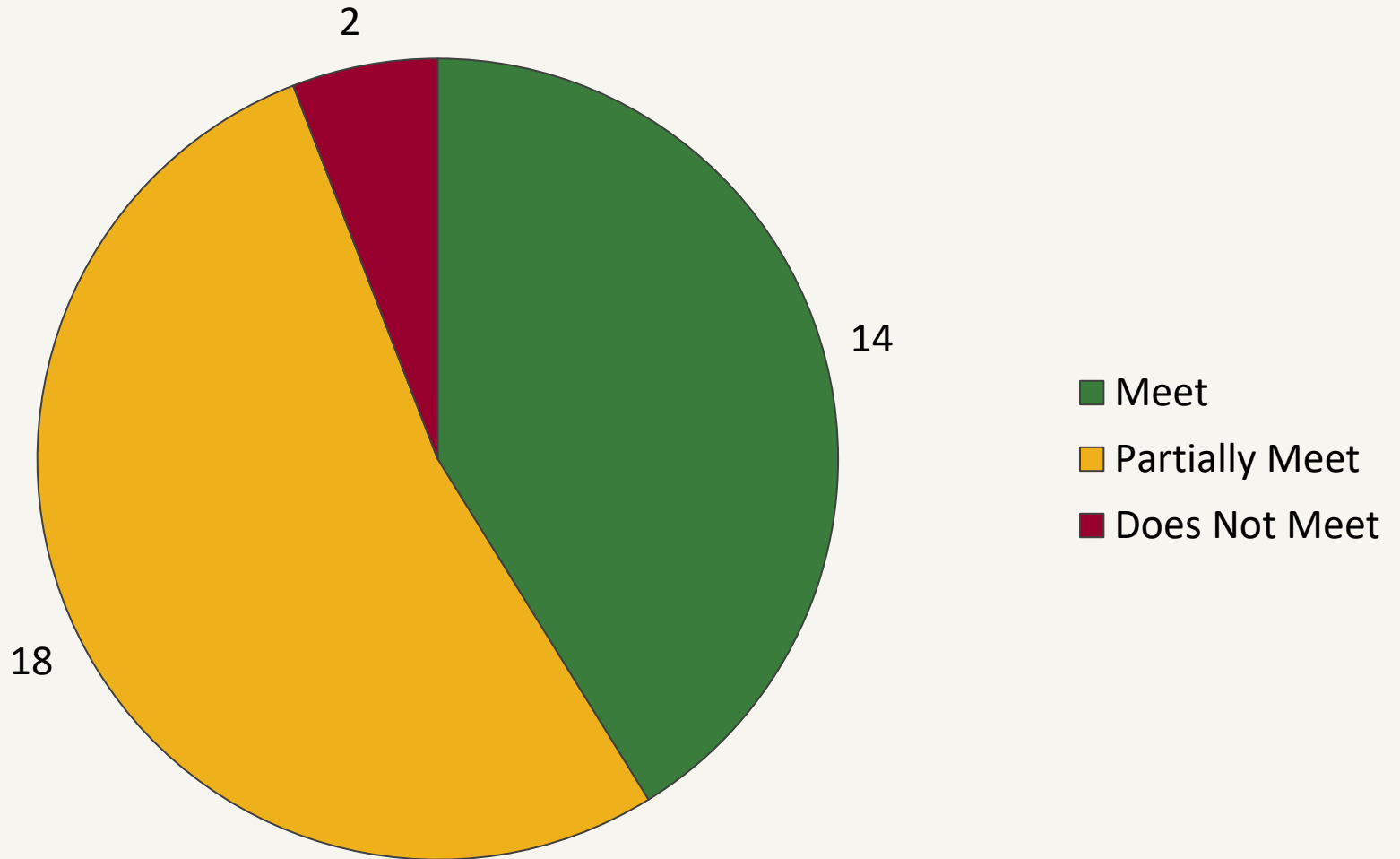
7. Improve the data quality control program for the Driver data system to reflect best practices identified in the Traffic Records Program Assessment Advisory.

Considerations

- Purge data after retention periods are satisfied. Purging data that does not hold any administrative value reduces the amount of PII information that could be exposed in a data breach.
- Explore the integration of the crash data with the driver data system through an electronic interface.
- Establish performance measures for timeliness, accuracy, completeness, uniformity, integration, and accessibility.



Roadway





Recommendations

8. Improve the data dictionary for the Roadway data system to reflect best practices identified in the Traffic Records Program Assessment Advisory.
9. Improve the data quality control program for the Roadway data system to reflect best practices identified in the Traffic Records Program Assessment Advisory.
10. Improve the procedures/ process flows for the Roadway data system to reflect best practices identified in the Traffic Records Program Assessment Advisory.





Considerations

- Document the roadway data quality reporting program, including the formal report list, purpose, release schedule, responsible roles, review process, and issue tracking.
- Establish performance measures assessing roadway data quality (timeliness, accuracy, completeness, uniformity, accessibility, and integration) based on previously initiated efforts.



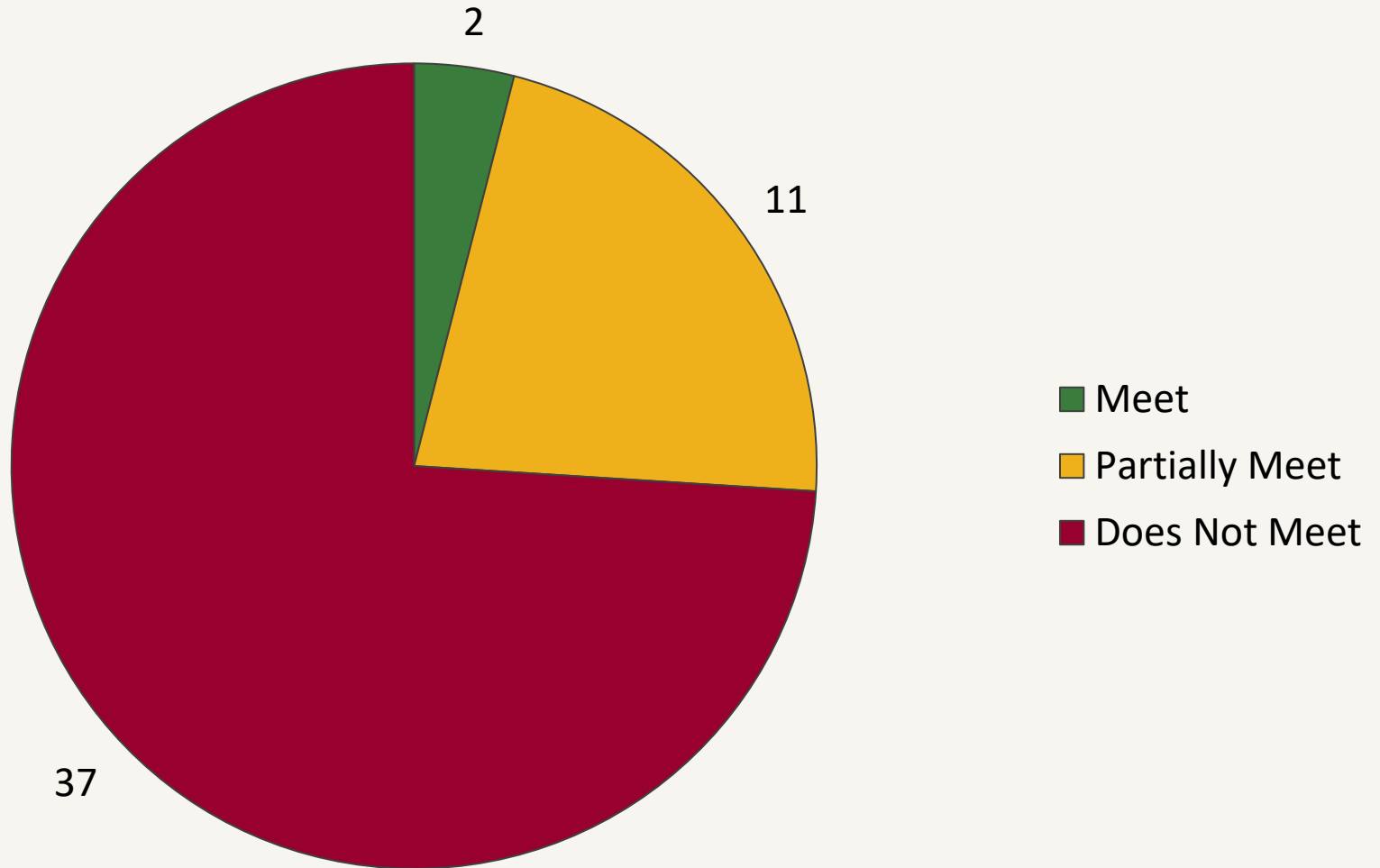


Considerations

- Document how quality control findings are communicated to data collectors through individual feedback, agency-level feedback, training, and follow-up.
- Share regular written reports with the State Traffic Records Coordinating Committee (TRCC).



Citation/Adjudication





Recommendations

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



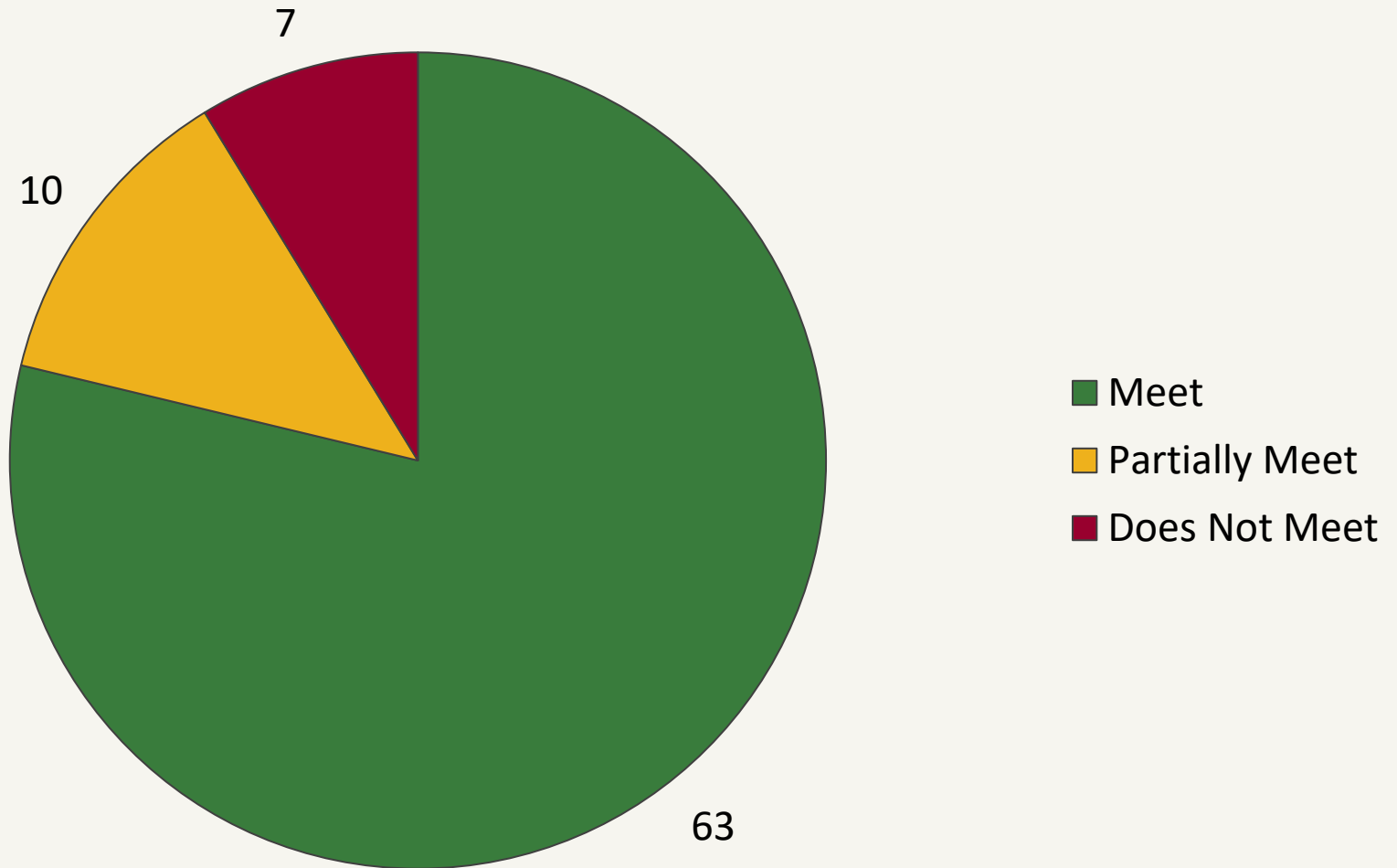


Considerations

- Develop interfaces to allow access to data ensuring accuracy, completeness, and uniformity across systems.
- Establish performance measures for citation and adjudication systems.
- Develop and maintain data dictionaries for the citation and adjudication systems. These dictionaries should be comprehensive to include the field names, data types, linkages, accepted values, and definitions.



Injury Surveillance





Recommendations

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

Considerations

- Complete the planned development of automated data quality validation, monitoring, and reporting capabilities for the Oregon Trauma Registry, including the planned near real-time statewide data quality dashboard. Regularly sharing data quality metrics with the Traffic Records Coordinating Committee (TRCC) will help ensure data completeness, timeliness, and consistency while supporting continuous system improvement.



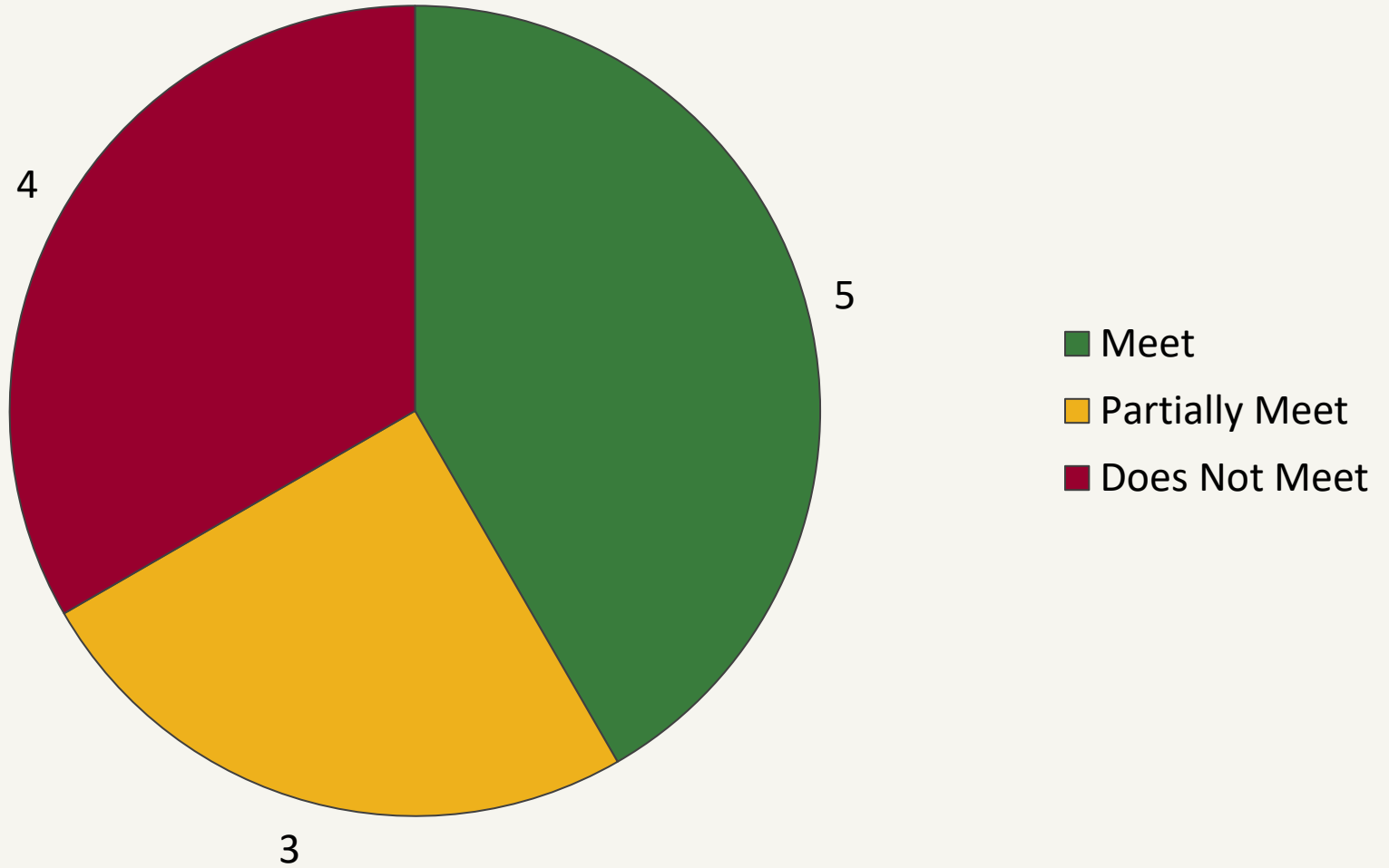


Considerations

- Expand the use of injury surveillance data to support traffic safety analysis and program evaluation. Build on the successful use of EMS data for micromobility, ATV, and injury surveillance initiatives by increasing the routine use of injury surveillance datasets for traffic safety problem identification, countermeasure evaluation, and performance measurement.



Data Use & Integration





Recommendations

None

Considerations

- Expand routine data integration across core traffic records systems. Build upon Oregon's successful integration of crash and roadway data by prioritizing statewide linkage of crash, EMS, driver, vehicle, citation, and injury surveillance data. Focus on operationalizing these linkages as routine processes rather than project-specific efforts.
- Establish regular reporting on data integration activities to the Traffic Records Coordinating Committee (TRCC). Incorporate a recurring agenda item or dashboard into TRCC meetings to report on the status of data integration initiatives, linkage projects, data quality improvements, and the availability of newly integrated datasets.





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 before the next §405(c) grant application.**
- **Use the *Advisory* as a resource for developing, prioritizing, and executing new projects and programs.**
- **If desired, contact your NHTSA Regional Program Manager to request technical assistance to help with assessment recommendations or other traffic records initiatives identified by the TRCC.**





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





- **State Traffic Records Coordinator Training**
- **Strategic Planning**
- **Performance Measurement**
- **Data Integration**
- **Crash Data Improvement Program**



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 Beau Burdett.
 - Kathleen Haney – khaney@vhb.com
 - Beau Burdett – beau.burdett@dot.gov
- Please identify your areas of traffic records expertise and include a brief summary of your work experience.





Thank You

