



U.S. Department of Transportation
Federal Motor Carrier Safety Administration
Office of Analysis, Research, and Technology

Understanding Your Data Quality Reporting Process

CVSA Annual Workshop
Information Systems Users Workshop
April 7, 2014



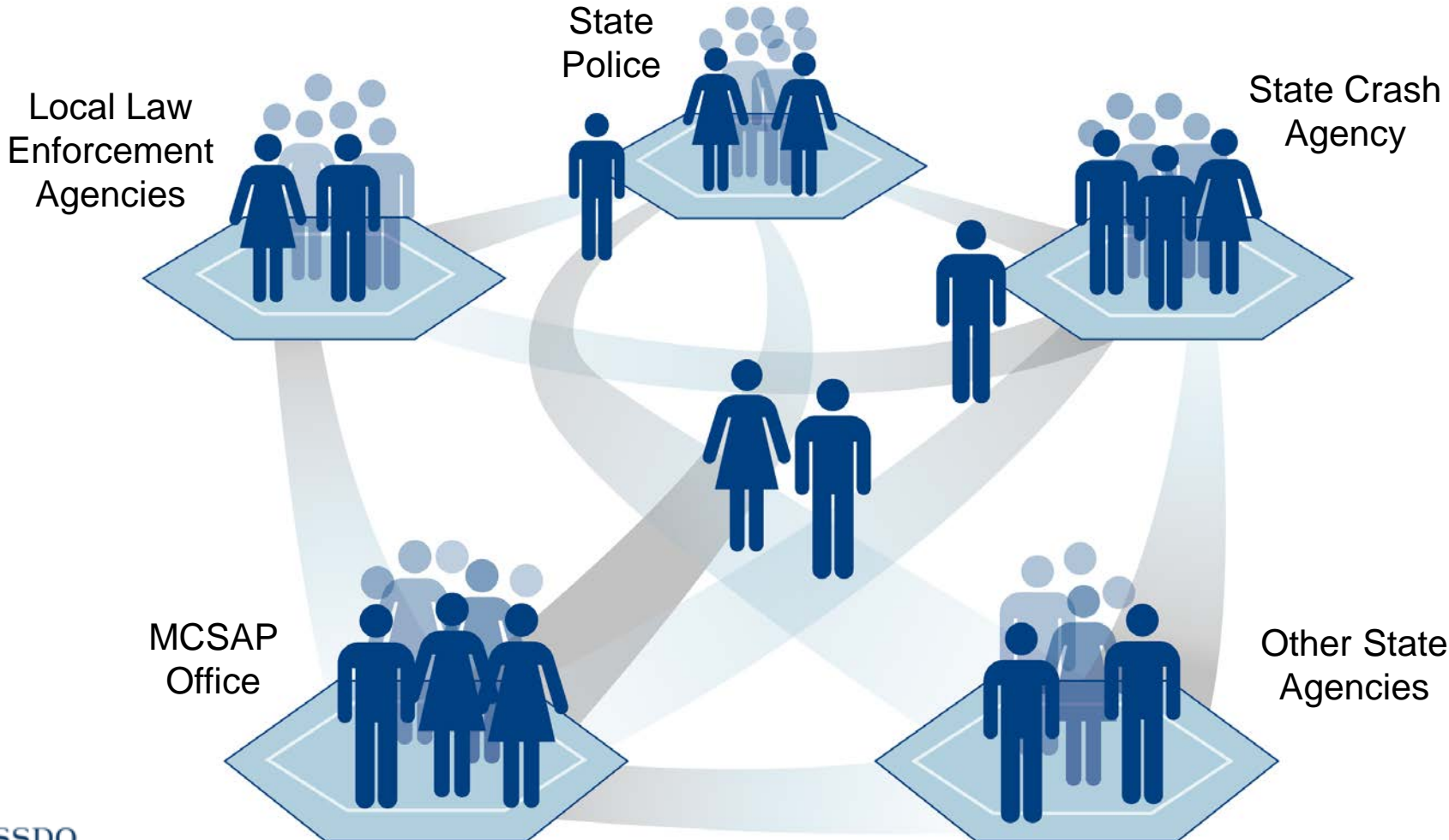
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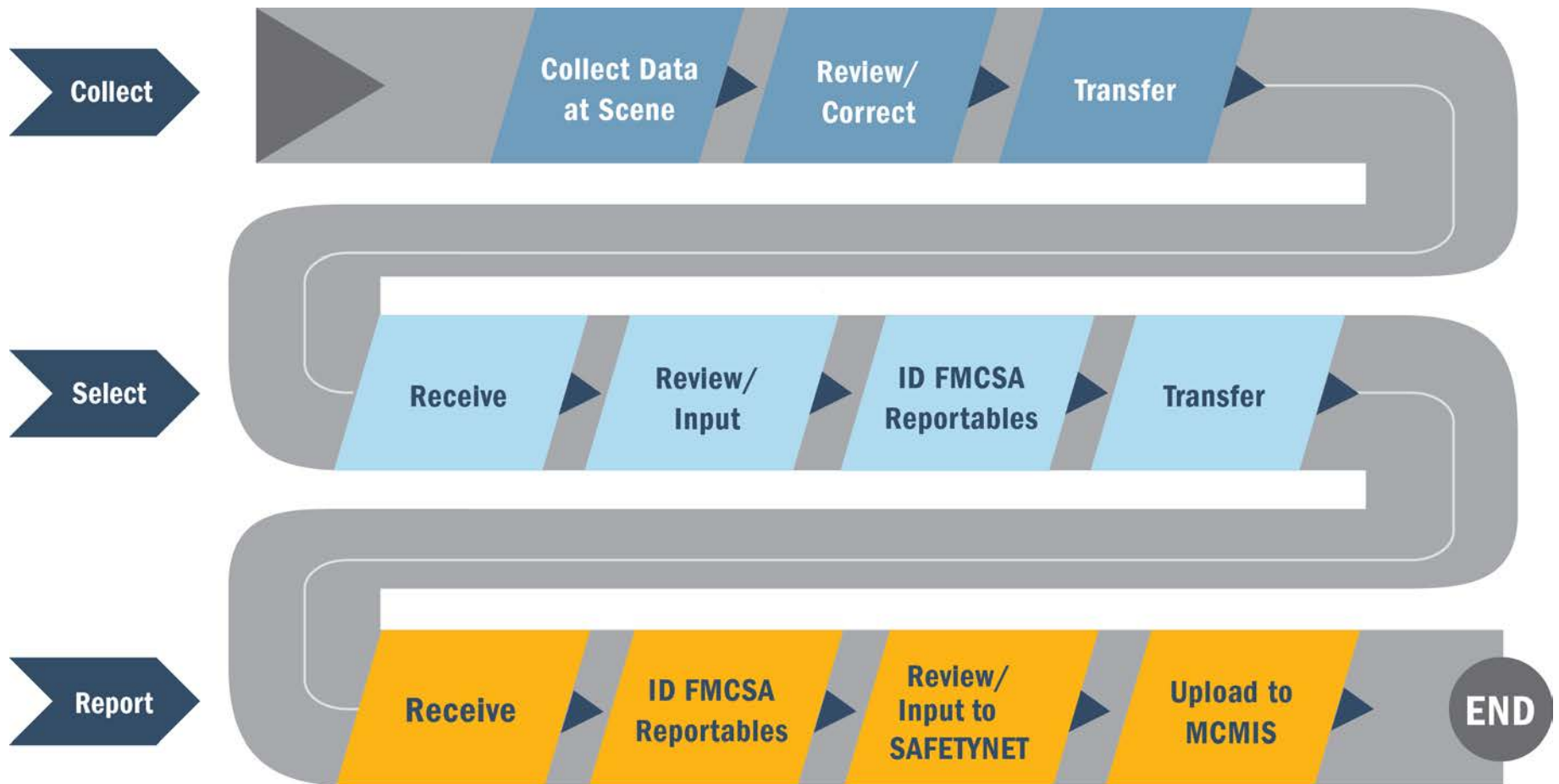
Office of Research and Information Technology



How Does Interagency Coordination Work in Your State?



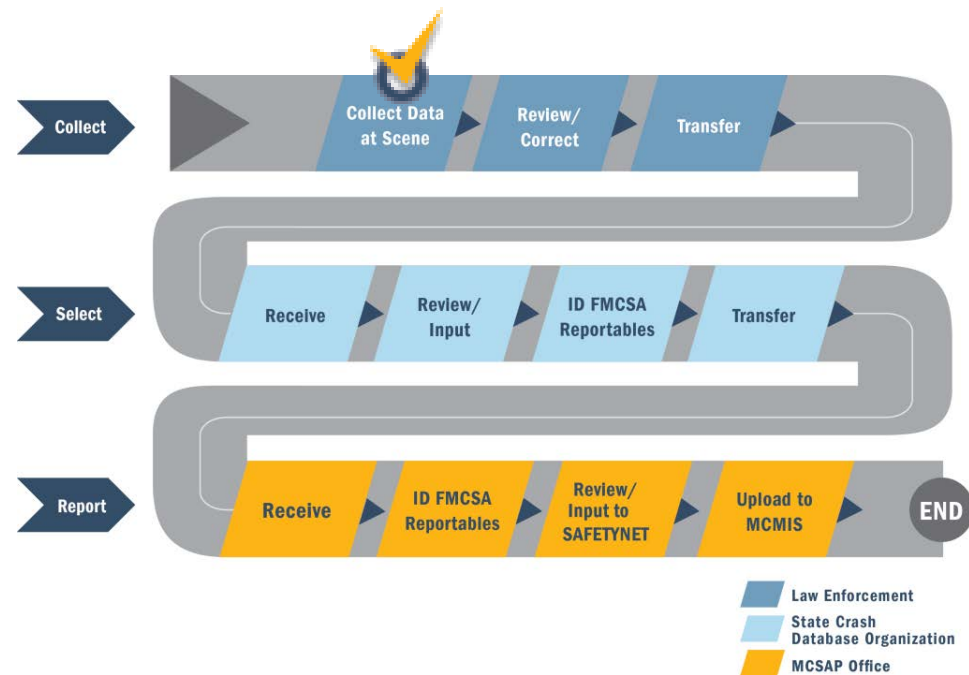
Crash Data Collection and Reporting Process



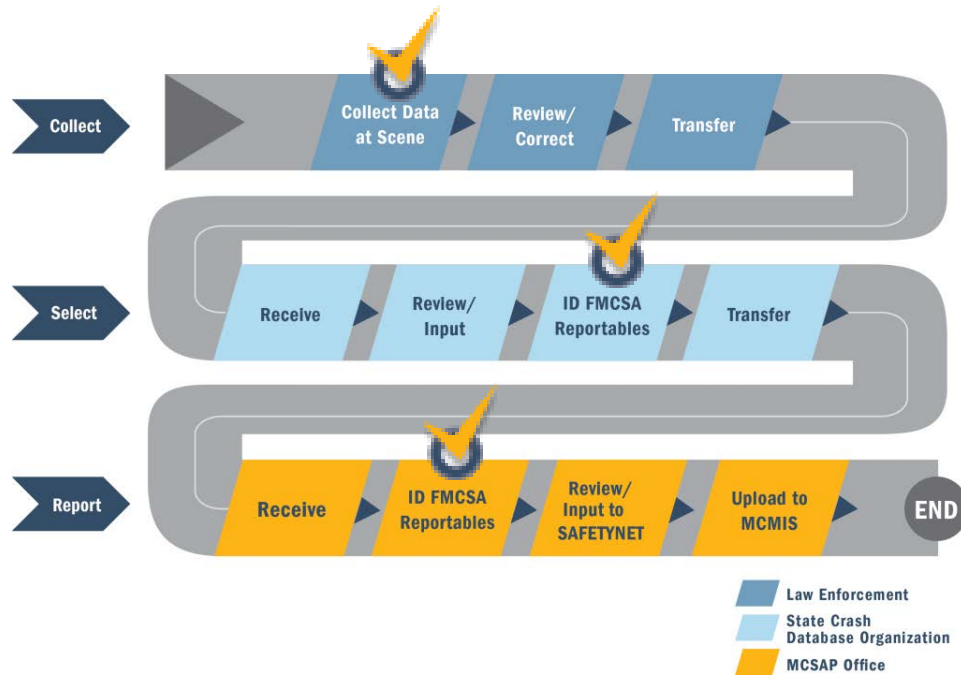
Lessons Learned: Pay Special Attention to...

Crash Form

- **The lesson** – Design crash forms to facilitate collection of FMCSA data. Train law enforcement to use it properly, especially in working around design deficiencies.
- **What FMCSA can do for you** – Review the crash form and offer recommendations. Tailor law enforcement training in crash data collection to your State's crash form.



Lessons Learned: Pay Special Attention to...



FMCSA Crash Definition

- **The lesson** – Everyone in the State who identifies FMCSA-reportable crashes needs to understand FMCSA’s crash reporting criteria.
- **What FMCSA can do for you** – Help you educate the people in your State agencies.

Lessons Learned: Pay Special Attention to...

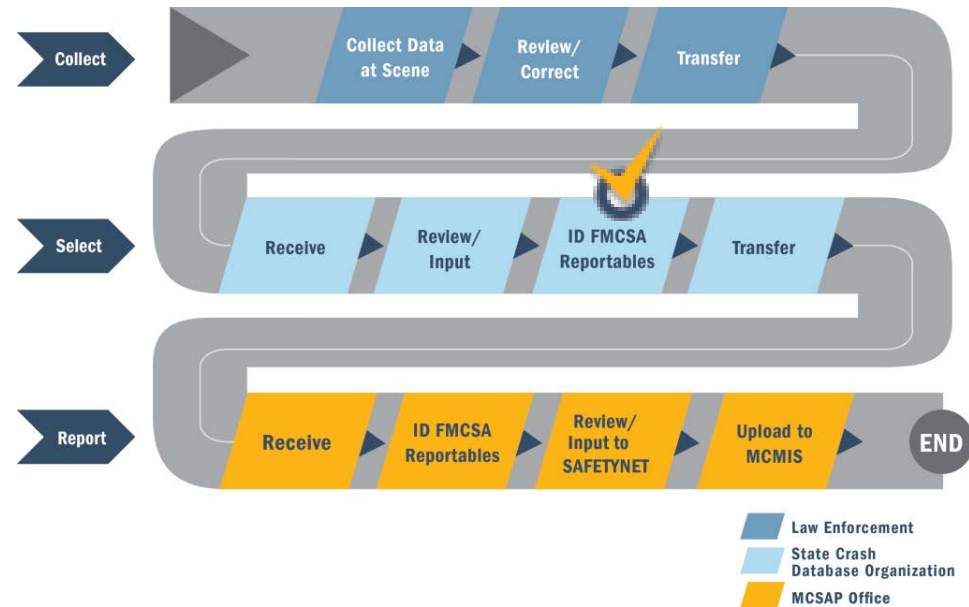
Fatal Reporting

- **The lesson** – Know your Fatality Analysis Reporting System (FARS) Office. Schedule regular check-in times to make sure you are identifying all FMCSA-reportable fatal records.
- **What FMCSA can do for you** – Provide reports and help explain FMCSA requirements to your FARS Office.

Lessons Learned: Pay Special Attention to...

Extract Logic & Code

- **The lesson** – Examine the extract code when presented with possible over- or under-reporting, or when Motor Carrier Management Information System data is not complete.
- **What FMCSA can do for you** – Review extract to help determine whether it captures all reportable vehicles and data.

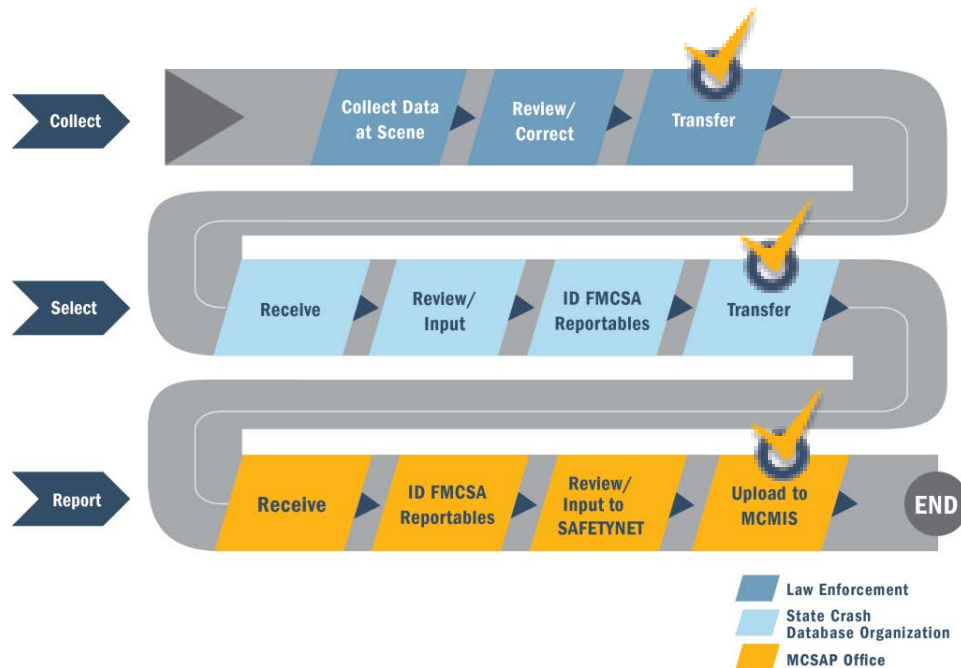


Lessons Learned: Pay Special Attention to...

Personnel Change

- **The lesson** – Talk to new employees in any agency if their work affects FMCSA data. Monitor the quality of data when new employees start working.
- **What FMCSA can do for you** – Run reports that may help identify data quality issues resulting from a personnel change.

Lessons Learned: Pay Special Attention to...



Data Transfer

- **The lesson** – Coordinate regularly with other agencies to track the transfer of files. Pay particular attention when new systems or processes are adopted.
- **What FMCSA can do for you** – Provide ways to track the transfer of files from one agency to the next, including custom reports.

Data Quality Specialists



Kevin Berry

(617) 494-2857

Kevin.Berry@dot.gov



Janet Bibinski

(617) 494-2308

Janet.Bibinski.ctr@dot.gov



Deirdre Hering

(617) 494-3535

Deirdre.Hering.ctr@dot.gov

