



**Federal Motor Carrier
Safety Administration**

U.S. Department of
Transportation

Improving Driver Identification Data Collected for Commercial Vehicle Crash and Roadside Inspection Reports

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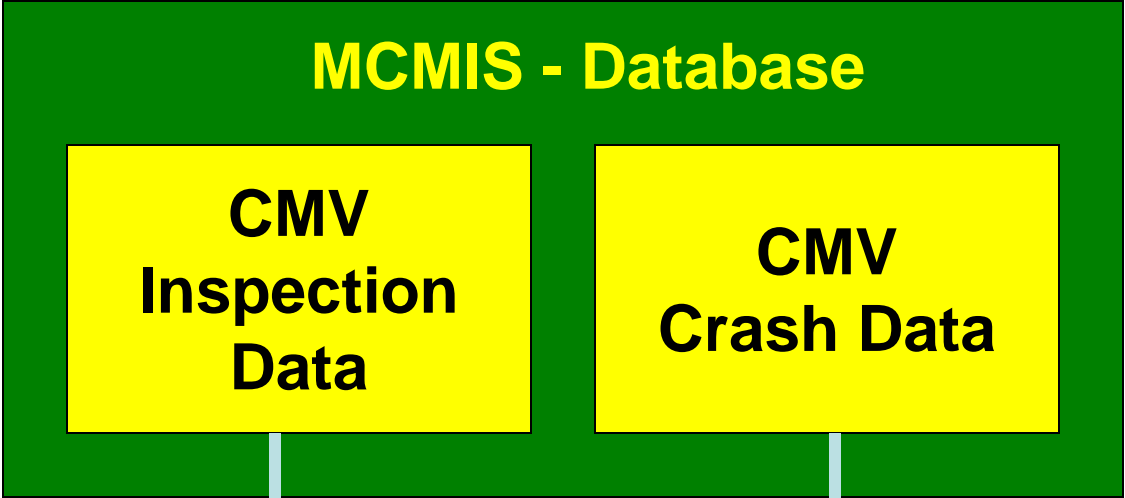
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Agenda

- ▶ Process Methodology
- ▶ Motivation – Data Uses
- ▶ State Analysis
- ▶ Reasons for Non-Match
- ▶ Recommendations
- ▶ Next Steps



Process Methodology



Contains:

- Carrier DOT#
- Driver CDL#
- Safety Data



Combined Records

A light blue arrow points down from the "CDLIS Search" box to the text "Combined Records".



Contains:

- Driver CDL#
- Conviction data

Motivation – Driver Data Uses

- ▶ ISS-D
 - Integration of a carrier-driver-conviction indicator into the Inspection Selection System
- ▶ Query Central – Driver Search
 - Improved matching of correct driver to recent roadside inspections
- ▶ Driver Information Resource Tool
 - Improved matching of correct driver to history roadside inspections and crashes
- ▶ COMPASS and CSA-2010
 - Changes in processes and training should start now

State Inspection Data Analysis

- ▶ Overall Inspection Driver Non-Match Rate = 6.5%
- ▶ Top Five States for Inspection Driver Matches

State	% of Non-Matches
Hawaii	1.8%
North Carolina	3.1%
Pennsylvania	3.4%
Alabama	3.7%
Mississippi	3.8%

State Crash Data Analysis

- ▶ Overall Crash Driver Non-Match Rate = 8.4%
- ▶ Top Five States for Crash Driver Matches

State	% of Non-Matches
Hawaii	2.5%
Wisconsin	3.1%
Alabama	4.1%
North Carolina	4.8%
Mississippi	5.1%

Reasons for Non-Match

- ▶ More stringent data requirements for CDLIS
 - AK, AZ, CA, IA, ME, MI, MT, OR, WA require Driver Name
 - AR, AK, AZ, IA, ME, MI, MT, MN, NY, OK, OR require Driver Date-of-Birth
- ▶ Missing data
- ▶ Incorrect data

Recommendations

- ▶ Training
 - Emphasize importance of driver data
- ▶ Software edit checks
- ▶ Use of barcode scanners
 - Demo with Aspen



Next Steps

- ▶ More detailed data analysis
 - Trends
 - Inspector-level
- ▶ Interviews with both the top-ranked and the bottom-ranked states

Contact Information and Discussion

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