



Data Quality: Crash and Inspection Supplemental Reports

Use the reports below to research and resolve any issues in your crash and inspection data that are affecting your State Safety Data Quality (SSDQ) measures.

SSDQ Crash Supplemental Reports	
Crash Timeliness Reports	
Records to Research	This report flags any record which was uploaded to MCMIS more than 90 days after the crash occurred. Use this report to customize the data and possibly identify the reason the record was late.
Evaluation by Upload Month	This report shows the number and percentage of timely and late records. Use this report to help track improvements and spot emerging issues before they impact your State's rating.
Frequency of Record Upload to MCMIS	This report shows how often your State is uploading crash records to FMCSA. Ideally, States should upload every business day.
Crash Accuracy Reports	
Records to Research	This report flags any record which did not match to a carrier registered in MCMIS. Use this report to customize the data and possibly identify the reason the record was considered not matched.
Records Reported by Agency and Badge #	This report associates reporting agencies and badge numbers with matched and non-matched crash records. This information can help identify potential collection or processing issues affecting accuracy.
Non-Matched Records	This report gives detailed information that can help you research and resolve your non-matched crash records. Download this report and sort grouped records to target errors and their sources.
Crash VIN Accuracy Reports	
Records to Research	This report flags any crash record with a Vehicle Identification Number (VIN) that was not found to be valid. Use this report to customize the data and identify the reason the record was marked as not accurate.
Crash Record Completeness	
Records to Research	This report flags any crash record which have missing or incomplete data in at least of following five driver fields (first name, last name, date of birth, license number, license class) or four Vehicle fields (license plate number, vehicle configuration, cargo body type, GVWR). Use this report to customize the data and identify the reason the record was rejected.
Complete Record Analysis	This report shows a broader view of your State's completeness. While the Crash Record Completeness measure evaluates specific fields, this report breaks out completeness by all fields in each crash record.
Driver Evaluation by Upload Month	This report shows the completeness of each evaluated driver field by month in a format that can help track improvements and spot emerging issues before they affect your State's rating. Watch for a sudden decline in completeness percentage in any of the fields—this could indicate a change in how crash data is collected or processed.



Data Quality: Crash and Inspection Supplemental Reports

SSDQ Crash Supplemental Reports

Crash Record Completeness (Continued)

Vehicle Evaluation by Upload Month

This tool helps reconcile differences between the number of fatal crash records in the FARS and MCMIS databases. While the Fatal Crash Completeness measure compares the number of records in each database, this report either matches the records or lists records that do not match. The tool can help identify records missing from either of the databases and it can also help to identify crash processing improvements by researching why records were not included in MCMIS.

Fatal Crash Completeness

FARS/MCMIS Matching Tool

This tool helps reconcile differences between the number of fatal crash records in the FARS and MCMIS databases. While the Fatal Crash Completeness measure compares the number of records in each database, this report either matches the records or lists records that do not match. The tool can help identify records missing from either of the databases and it can also help to identify crash processing improvements by researching why records were not included in MCMIS.

Crash Consistency Overriding Indicator

Non-Fatal Crash Completeness (NFCC) Tool

This tool estimates a possible range of how many non-fatal crash records your State should be reporting to MCMIS. While the Crash Consistency Overriding Indicator checks for consistent reporting of non-fatal crash records when compared to the prior three-year average, this tool generates a range into which the number is expected to fall based on the number of reported fatal records. The result reflects whether the reported number falls under or over the expected range. While these are only estimates, extreme cases of under or over reporting have identified that states needed to improve their crash processing.

SSDQ Inspection Supplemental Reports

Inspection Timeliness

Records to Research

This report flags any inspection record which was uploaded to MCMIS more than 21 days after the inspection occurred. Use this report to customize the data and possibly identify the reason the record was late.

Evaluation by Upload Month

This report shows the number and percentage of timely and late inspection records. Use this report to help track improvements and spot emerging issues before they impact your State's rating.

Records Reported by County

This report shows the number and percentage of timely and late inspection records by the county in which the inspection was conducted. This can help identify location-specific collection and reporting issues.

Records Reported by Inspection Level

This report shows the number and percentage of timely and late records by Inspection Levels 1 through 6.

Records Reported by Facility Type

This report shows the number and percentage of timely and late records by fixed and roadside facility types.

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SSDQ Inspection Supplemental Reports	
Inspection Timeliness (Continued)	
Records Reported by Inspector ID	This report associates Inspector IDs with timely and late records, which can help identify potential collection or processing issues that are inspector- or agency-related.
Inspection VIN Accuracy	
Records to Research	This report flags any crash record with a Vehicle Identification Number (VIN) that was not found to be valid. Use this report to customize the data and identify the reason the record was marked as not accurate.
Records to Research	This report flags any crash record which have missing or incomplete data in at least of following five driver fields (first name, last name, date of birth, license number, license class) or four Vehicle fields (license plate number, vehicle configuration, cargo body type, GVWR). Use this report to customize the data and identify the reason the record was rejected.
Evaluation by Upload Month	This report shows the accuracy of VINs by associated Inspector ID, which can help identify potential collection or processing issues that are inspector- or agency-related.
Records Reported by Inspector ID	This report shows the completeness of each evaluated driver field by month in a format that can help track improvements and spot emerging issues before they affect your State's rating. Watch for a sudden decline in completeness percentage in any of the fields—this could indicate a change in how crash data is collected or processed.
Inspection Accuracy	
Records to Research	This report flags any record which did not match to a carrier registered in MCMIS. Use this report to customize the data and possibly identify the reason the record was considered not matched.
Evaluation by Upload Month	This report shows the accuracy of VINs in a format that can help track improvements and spot emerging issues before they impact your State's rating. Watch for a sudden decline in percentage of valid VINs—this could indicate a change in how inspection data is collected or processed.
Records Reported by Inspector ID	This report associates Inspector IDs with matched and non-matched inspection records, which can help identify potential collection or processing issues that are inspector- or agency-related.
Non-Matched Records	This analysis report gives detailed information that can help research and resolve your non-matched inspection records. Download this report and sort grouped records to target errors and their sources.
Inspection Record Completeness	
Records to Research	This report flags any crash record which have missing or incomplete data in at least of following four driver fields (first name, last name, date of birth, license number) or two Vehicle fields (license plate number, GVWR). Use this report to customize the data and identify the reason the record was rejected.
Driver Evaluation by Upload Month	This report shows the completeness of each evaluated driver field in a format that can help track improvements and spot emerging issues before they affect your State's rating. Watch for a sudden decline in completeness percentage in any of the fields—this could indicate a change in how inspection data is collected or processed.
Vehicle Evaluation by Upload Month	This report shows the completeness of each evaluated vehicle field in a format that can help track improvements and spot emerging issues before they affect your rating. Watch for a sudden decline in completeness percentage in any of the fields—this could indicate a change in how inspection data is collected or processed.

SSDQ Inspection Supplemental Reports

Inspection Record Completeness (Continued)

Driver Records Reported by Inspector ID	This analysis shows the completeness of each evaluated driver field by associated Inspector ID.
Vehicle Records Reported by Inspector ID	This analysis report shows the completeness of each evaluated vehicle field by associated Inspector ID.