

Data Quality 101

SAFETYNET: Inspection Reports

The SAFETYNET Inspection Reports make your job easier by allowing you to find the specific information you need in the SAFETYNET System. Reports can be used to meet grant reporting requirements, track inspector activity to support certification requirements, or validate the quality of your inspection by identifying missing data. Ultimately, reports help you support motor carrier safety programs and help FMCSA prioritize at-risk carriers for interventions.

The SAFETYNET System is an automated information management system designed to support FMCSA motor carrier safety programs by monitoring the safety performance of interstate and intrastate commercial and some noncommercial motor carriers. The effectiveness of FMCSA's safety compliance and enforcement programs depend on the quality of the data you report.

What types of canned reports are available?

You can view the following types of reports by selecting Reports on the top menu:

Report Type	Description
Record Summary Reports	Provide a record summary report and a function to generate custom reports.
Data Entry Reports	Generate specific data entry reports.
Workload Reports	Track the operations of the Inspection Program and the status of data within the Inspection Module.
Prioritization Reports	Provide managers with information that is helpful in following up on inspection records.
Summary Reports	Provide quantitative overviews of the status of the Inspection Program.
Statistical Reports	Offer a qualitative overview of the Inspection Program and a measure of the effectiveness of program policies.
Crossover Reports	Generate carrier reports from inspections and crashes.
Upload Status Reports	Provide a summary and details report of the inspections uploaded and pending confirmation, as well as the number of days between the inspection date and upload date.

What are the most commonly used canned reports?

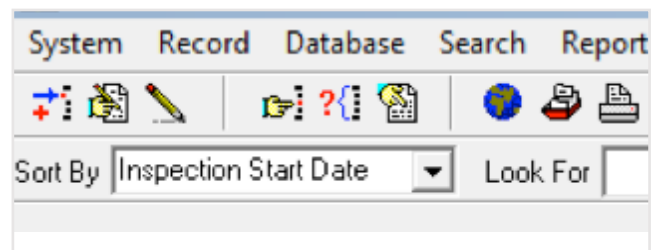
You can view the following types of reports by selecting Reports on the top menu:

Report Type	Description
Driver Vehicle Examination Report	Generates a copy of a Driver Vehicle Inspection Report conducted on a carrier. The report replicates the Roadside Inspection Report without the signatures. Used to fulfill inspection requests in DataQs or requests for inspection reports from carriers.
Data Entry Workload Report	Displays counts of records by verification and upload status for each user ID for inspections keyed in on a particular input date or date range.
Inconsistent OOS Violations Cites Report	Lists inspections that have an out-of-service (OOS) value inconsistent with the default OOS value from the Violation Table. Used to evaluate how inspectors are citing OOS violations.
Inconsistent Violation Units Report	Displays inspection violations that appear to be in conflict with the intended violation category defined in the Violation Table. Used to evaluate how inspectors are assigning violations.
Duplicate Inspection Report	Used to easily review potential duplicate inspection reports. Look for date or time changed in the system. Sometimes reports that do not make it in electronically are uploaded by the inspector later, resulting in two reports.
Inspector Profile Workload Report	Summarizes the types of inspections and associated violation information for inspectors conducted during a specified time period. Helps inspectors and supervisors know where they are in their certification, and evaluate the type and level of inspections completed by an inspector.
MCSAP Quarterly Report	Summarizes quarterly State inspection data and is a required Federal report. Used for CVSP Quarterly Reporting.
MCMIS Upload Edit Results Messages	Displays confirmation results from MCMIS after uploaded records, including Warnings and Errors, have been processed. Helps States with large volumes of activity logs.

How can I create a simple query in SAFETYNET?

SAFETYNET provides a querying tool that allows you to search for specific information in the database.

Access the Query function by either clicking on Record from the top-menu and then on Query, or by clicking on the Query icon from the toolbar, as seen to the right:



Example: A simple query can answer questions like, “How many inspections took place so far this year?”

- To run a query

- Click Add
- Select Start Date from the Field dropdown list
- Choose a Comparison operator (e.g., > =)
- Provide a Value (01/01/2015)
- Select Save, name the query, and click Run to execute the query

- **Note:** Simple queries commonly use one or more conditions that are combined by the use of an AND/OR operator

- Use AND if you would like ALL the query conditions to be met
- Use OR if you would like ANY query condition to be met
- Contact your Data Quality Specialist for help with developing queries

How can I create a custom report?

SAFETYNET makes it easy to create custom reports. The grid can be customized by adding and/or removing columns. Query results from the grid can then be exported into other software to create shareable reports.

To create a custom report, first run a query. To export the results:

- Select Reports → Record Summary → Print/Save
- Keep the default settings, and under Select Rows, choose All Rows
- Click Save to export the grid as a text file
- Open MS Excel and click on File → Open
- Navigate to the location of the saved grid.txt file, and click Open
- MS Excel will run the import wizard; maintain default settings from the wizard
- When the import is done, save the file as a XLSX file

Hint: By default, the file name is grid.txt, but you may want to use a more meaningful name.

For more detailed information about SAFETYNET, refer to the SAFETYNET Manual. You can find the SAFETYNET Manual within SAFETYNET. Go to the SAFETYNET help menu and choose the appropriate module.

The SAFETYNET Manual is designed to help States optimize their use of SAFETYNET and thus improve the quality of their safety data. The manual offers guidance to help you enter complete and accurate data.



Contact Information

As part of our commitment to continually improving our programs, FMCSA welcomes any comments, questions, or suggestions you have. Please contact Scott Valentine at Scott.Valentine@dot.gov or call 202-366-4869.

For questions regarding FMCSA Technical Support, you can contact the Technical Support team at FMCTechSup@dot.gov or call 617-494-3003. For additional technical support, you may also contact Nelson Canas at Nelson.Canas.CTR@dot.gov or call 617-494-6019.