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HIGHWAY  
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CVSS

COMMERCIAL VEHICLE **SAFETY SUMMIT**

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# Data Quality Challenges

Sergeant Josh Clements  
and  
Officer Patrick Mooney



# What information is sent to the Federal Motor Carrier Safety Administration (FMCSA)?

- Inspection data from enforcement facilities
- Inspection data from Basic Inspection of Terminals (BIT)
- Data from crash (accident) reports
- Data from mobile road enforcement inspections
- Moving violations on inspection reports whether a ticket was written or not



# What is a Data Quality (DataQ) Challenge?

- When a carrier disputes information contained on an inspection.
- When a carrier disputes a crash.



# What Can Be Challenged?

- Carrier recognizes the wrong United States Department of Transportation (DOT) or California Carrier Identification (CA) number was entered on the inspection.
- Carrier recognizes the inspection does not belong to them.
- Carrier disputes a violation or believes a different violation should be noted.



# Carrier Access to Data Q

## FMCSA Web site

<https://fmcsa.dot.gov>



Unified Registration System | FMCSA

https://www.fmcsa.dot.gov/registration/unified-registration-system

The latest information on the Coronavirus Disease 2019 (COVID-19) is available on [coronavirus.gov](https://www.cdc.gov/coronavirus).

United States Department of Transportation

**FMCSA**  
Federal Motor Carrier Safety Administration

Search

About FMCSA Regulations Registration Safety Analysis News

Home / Registration

Registration

Getting Started

Get Authority to Operate (MC Number)

USDOT Numbers

Update Registration

Insurance Filing Requirements

Request PIN

Other Services

**Unified Registration System**

**Overview**

**URS Implementation Dates Extended Beyond January 14, 2017**

FMCSA is extending the implementation date of the final stage of the Unified Registration System (URS) beyond January 14, 2017 because additional time is needed to securely migrate data from multiple legacy platforms into a new central database and to conduct further compatibility testing with its State partners.

By moving the implementation date, FMCSA is providing its State partners more time to develop, update, and verify data connectivity and system reliability. The additional time will also enable the Agency to conduct more thorough training and to implement broader outreach and education activities that will provide for a seamless transition. On January 17, 2017, FMCSA [published a Federal Register notice](#) with more details on the suspension of the URS effectiveness date.

How does this affect you?

- New Applicants:** URS Phase One impacts only new registration applicants, who will be required to use the URS online registration application as of December 12, 2015. Only the initial registration by new applicants will be done using the URS online registration application until a later date. [To get started with URS, click here.](#)
- Already registered with FMCSA:** All other aspects of the URS regulation, including the new fee structure, will roll out during a later phase. All existing entities with a USDOT, MC, or FF number, or combinations of them will continue to use existing agency forms and processes to conduct updates, seek additional registration authorities, make administrative filings, and other registration related transactions. The requirement for all existing private hazmat and exempt for-hire carriers to have proof of financial responsibility in place will take effect at a later date, as will the requirement for all existing and new private and exempt carriers to have BOC-3 filings in place. On January 17, 2017, FMCSA [published a Federal Register notice](#) with more details on the suspension of the URS effectiveness date.

**Related Links**

- [URS FAQs](#)
- [Are URS and UCR the same thing?](#)
- [URS Technical Documentation](#)

Select  
"Get Started"



# How to Submit a DataQ Challenge

- Registration process with FMCSA
- FMCSA will transmit all challenges to the appropriate inspecting agency. In the case of a California inspection, the California Highway Patrol (CHP) is the reviewing agency.
- The inspecting agency determines the final outcome relating to the DataQ challenge.



# Challenging Crash Preventability

The screenshot displays the FMCSA DataQs portal interface. At the top, the browser address bar shows the URL <https://dataqs.fmcsa.dot.gov/Public/Default.aspx>. The page header includes the United States Department of Transportation logo and navigation links like 'About DOT', 'Our Activities', and 'Areas of Focus'. The main content area is titled 'Crash Preventability Determination Program'. It features a circular diagram with four segments: 1) ELIGIBLE CRASH (with a truck icon), 2) SUBMIT REQUEST (with a document icon), 3) FMCSA REVIEW (with a magnifying glass icon), and 4) FMCSA POSTS (with a computer monitor icon). Below the diagram, a linear process flow is shown: 1 Eligible Crash Occurs → 2 Submit Request with Police Accident Report → 3 FMCSA Reviews Request → 4 FMCSA Posts Final Determination. A sidebar on the left contains links for 'My Profile', 'Help Center', 'Analyst Guide', and 'Crash Preventability Determination Program'. A red banner at the top of the sidebar area states 'Reminder: Session expires after 20 minutes of inactivity.' The bottom of the page includes a 'Submit Feedback' button and a note about the program's acceptance of Requests for Data Review (RDR).

**Crash Preventability Determination Program**

**CRASH PREVENTABILITY DETERMINATION PROGRAM**

- 1) ELIGIBLE CRASH
- 2) SUBMIT REQUEST
- 3) FMCSA REVIEW
- 4) FMCSA POSTS

1 Eligible Crash Occurs → 2 Submit Request with Police Accident Report → 3 FMCSA Reviews Request → 4 FMCSA Posts Final Determination

FMCSA's Crash Determination Program is now accepting Requests for Data Review (RDR). If you have an eligible crash that occurred on or after August 1, 2019, you may submit an RDR with a police accident report (PAR), and any other compelling evidence, to show the crash was Not Preventable. Eligible crashes are limited to [this list](#).

FMCSA will review all requests and post the final determinations. Crashes found Not Preventable will impact the SMS in two ways: (1) The motor carrier and enforcement views of SMS will display all crashes, noting those found to be Not Preventable, and (2) FMCSA will omit Not Preventable crashes when calculating the carrier's Crash Indicator BASIC measure and percentile.

For more information about the determination program, visit [FMCSA's website](#).

[Submit Feedback](#)



# Recommended Practices for Filing DataQ Requests

- Attach a copy of the inspection/crash and all supporting documentation.
  - \*Crash information may be reportable regardless of fault\*
- Challenges will only be accepted electronically through FMCSA's DataQ Web site.
- Phone or handwritten inquiries will not be accepted.



# TIMELINE

- SafetyNet receives challenge.
- Acknowledge challenge within 10 working days upon becoming aware of the dispute.
- SafetyNet may ask for additional supporting documentation.
- If requested supporting documentation is not received within 30 days, case will be closed and the challenge will be denied.



# TIMELINE

*(continued)*

- Supporting documentation and reports will be forwarded to the Commercial Vehicle Section.
- Officer will review supporting documentation and reports.
- Reviewing officer may do additional follow-up by contacting source of data.



# Court Cases

- All challenges with CHP citations issued, pending a court hearing, will be denied. Please wait for the court case to be adjudicated before submitting a DataQ challenge.
- If the case has been found NOT guilty or the violation has been amended, please submit/resubmit the DataQ challenge. In the challenge, please include all applicable information including the court documentation (court case minutes) for review.



# Who Reviews Challenges?

California Highway Patrol  
SafetyNet Unit

Commercial Vehicle Section  
Officer P. Mooney  
Sergeant J. Clements



# Officer's Review

- Reviewing officer will either deny or approve the challenge.
- All denied challenges will be reviewed by reviewing officer's supervisor.
- If supervisor confirms, the challenge is denied.
- SafetyNet staff will electronically notify the requestor of the outcome. If further review is requested, please update the status to "Pending."



# Appeals

- If the carrier disagrees with the denial response, the carrier is offered only ONE appeal. If clarification is needed, please use the electronic DataQ platform to seek clarification prior to resubmitting a challenge.
- THERE ARE NO FURTHER APPEALS.
- FMCSA cannot change state data without state approval.



# IMPORTANT

Challenges without supporting documentation  
will be denied.

Do not automatically assume when there are multiple violations for the same section, it is “stacking.” Brake violations and tire violations are commonly thought to be “stacked” violations, but are in fact separate independent violations.





When an officer or inspector signs off a violation, it indicates that a violation was repaired/corrected, not that it did not exist at the time of the inspection.



# How a Carrier Can Prevent DataQ Challenges

- Driver: Conduct a thorough pre-trip inspection.
- Carrier: Properly maintain fleet with continual vehicle inspections and educate drivers of requirements, especially with regard to hours-of-service.
- Out-of-Service Violations: Please request explanation/clarification at scene and, if needed, please speak with the supervisor at scene at the time of the inspection.



# How to Improve a Compliance Safety and Accountability Score?

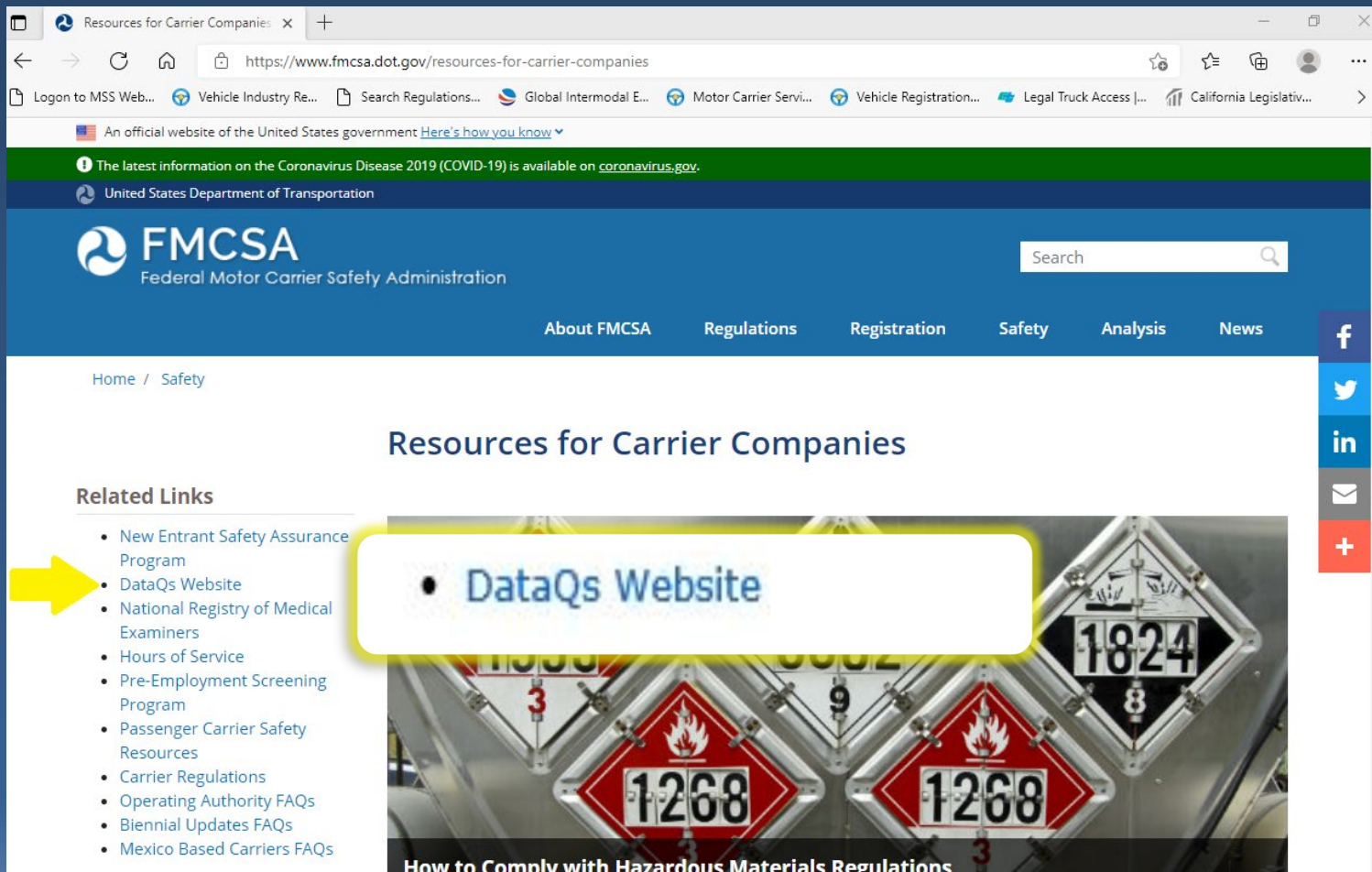
- Violation-free inspections
- Behavior Analysis and Safety Improvement Categories (BASICs): Unsafe Driving, Crash Indicator, Hours-of-Service, Vehicle Maintenance, Controlled Substances/Alcohol, Hazardous Materials Compliance, and Driver Fitness.
- No inspections with a violation in the BASICs during the last year.



# Step #1



# Step #2



Resources for Carrier Companies

Home / Safety

**Related Links**

- New Entrant Safety Assurance Program
- DataQs Website
- National Registry of Medical Examiners
- Hours of Service
- Pre-Employment Screening Program
- Passenger Carrier Safety Resources
- Carrier Regulations
- Operating Authority FAQs
- Biennial Updates FAQs
- Mexico Based Carriers FAQs

**DataQs Website**

**How to Comply with Hazardous Materials Regulations**



# Step #3

https://dataqs.fmcsa.dot.gov/Default.aspx?enc=FyLSpFtjJXpOVVe8+9XOGGVW8rgRe9nPG0Td8n6wUhbhg789EGiMsOn10vsUoAA...

Logon to MSS Web... Vehicle Industry Re... Search Regulations... Global Intermodal E... Motor Carrier Servi... Vehicle Registration... Lega Truck Access |... California Legislativ...

United States Department of Transportation About DOT | Our Activities | Areas of Focus

## New to DataQs?

Motor carrier and enforcement users, sign up for an [FMCSA Portal account](#). All other users, sign up for a [DataQs account](#).

## Already Signed Up?

Log in below with:

- ☒ DataQs Account
- ☐ FMCSA Portal Account

USERNAME  
PASSWORD

Trouble logging in? [Click here](#)

**WARNING:**

You are accessing a U.S. Government information system. This information system, including all related equipment, networks, and network devices, is provided for U.S. Government-authorized use only. Unauthorized or improper use of this system is prohibited, and may result in civil and criminal penalties, or administrative disciplinary action. The communications and data stored or transiting this system may be, for any lawful Government purpose, monitored, recorded, and subject to audit or investigation. By using this system, you understand and consent to such terms.

All other users, sign up for a [DataQs account](#).

## FMCSA-Issued Data Here

State data Issued by FMCSA that you feel may be Incomplete or Data Review (RDH) to the appropriate office for resolution and collects

Analyst Guide SMS PSP

## What can DataQs do for you?

Trouble logging in? [Click here](#).

**Help Center**

Instructions, FAQs, and other materials to help you navigate this website.

Motor

Drivers

FMCSA &

Public &



# Step #4

The screenshot shows the FMCSA DataQs website interface. The browser address bar displays <https://dataqs.fmcsa.dot.gov/MyDataQs.aspx>. The page header includes the United States Department of Transportation logo and navigation links like 'About DOT', 'Our Activities', and 'Areas of Focus'. The main header features the FMCSA logo and 'DataQs' branding, with a search bar and navigation links for 'Home', 'My DataQs', 'Help Center', and 'Reports'. A red banner at the top indicates 'Reminder: Session expires after 20 minutes of inactivity.' The left sidebar contains links for 'My Profile', 'Help Center', 'Analyst Guide', 'Crash Preventability Determination Program', and 'Notifications'. The main content area is titled 'My DataQs: Patrick Mooney (FMCSA/State Agency User)' and includes a 'What would you like to do?' section with a 'TAKE A TOUR' button. A large orange button with the text 'Add a Request' and a right-pointing arrow is overlaid on the page. Below this, there are sections for 'Request a Review' and 'Monitor Requests'. At the bottom, there is a 'List of Reviews Requested' table with columns for 'Open', 'Pending', 'Closed', and 'Notifications'.

https://dataqs.fmcsa.dot.gov/MyDataQs.aspx

United States Department of Transportation

FMCSA Federal Motor Carrier Safety Administration

DataQs

Home | My DataQs | Help Center | Reports

Reminder: Session expires after 20 minutes of inactivity.

My Profile

Logged in as: **Mooney, Patrick**  
Log out

Help Center

Instructions, FAQs, and other materials to help you navigate this website.

Analyst Guide

A practical guide for Federal and State data quality practitioners.

Crash Preventability Determination Program

Learn more about the Determination Program, the process for submitting an RDR, and how FMCSA will review crashes.

Notifications

The list below identifies Requests pending action from your agency.

My DataQs: Patrick Mooney (FMCSA/State Agency User)

What would you like to do?

TAKE A TOUR

1 Request a Review

Click "Add a Request" above to request a review of your data. An "Advanced Form" link is available for more information on the submission process.

Motor carriers may access their data through the following FMCSA systems:

- [Safety Measurement System \(SMS\)](#)
- [Safety and Fitness Electronic Records \(SAFER\) System](#)
- [Portal website](#)

Drivers may obtain their data through the following FMCSA systems:

- Purchase commercial driving history from the [Pre-Employment Screening Program \(PSP\)](#) website, or request it through a [Freedom of Information Act \(FOIA\)](#) request (learn more in the [Help Center](#)).
- Review drug and alcohol program violation information in the [Drug and Alcohol Clearinghouse](#).

2 Monitor Requests

To monitor the status of your request (or add/delete information), select "Details" in the List of Reviews Requested below. Note: Only the requests matching the search criteria above the List of Reviews Requested will be displayed. To Change or modify the search criteria, click on Advanced Search.

List of Reviews Requested

8 Open 34 Pending 68,701 Closed 0 Notifications

ID # SEARCH  Go Advanced Search

SEARCH CRITERIA: Assigned to: CAHP Status: New, Open - In Review, Forwarded to another office for resolution, Crash Demo



## What are you inquiring about?

Choose one of the event types you want to have reviewed.

Note: Many FMCSA systems are updated using a monthly snapshot of the Motor Carrier Management Information System (MCMIS). Data corrections made as a result of a DataQs request will be reflected in a subsequent update of the respective FMCSA system. Check the website of that FMCSA system to determine the latest update.

### Roadside

- ☐ Crash Event
- ☐ Inspections/Violations (including requesting a copy of a report)
- ☐ Warnings

### Non-Roadside

- ☐ U.S. DOT Audit/Investigation (examples include: safety audits, compliance reviews and CSA Investigations)
- ☐ Registration/Insurance
- ☐ Household Goods Complaints

### None of the above

- ☐ I don't know

### Caution

Company officials will be notified of any requests related to their U. S. DOT Number if they have a validated DataQs account. Read this related [FAQ](#) for more information.

### Warning

Any intentionally false or misleading statement, representation of this DataQs request may subject you to prosecution for violation of 18 U.S.C. 1001 (not more than \$10,000.00 or imprisonment of not more than 5 years or both).

By clicking submit, you certify that the statements and information provided in this request are, to the best of your knowledge, true, accurate, and complete.

Next





## Inspections/Violations

Why do you want to have an inspection and/or violation reviewed? Please choose the reason why you want inspection information reviewed. Do NOT submit a new request for an already closed request unless instructed to do so. To review inspection event types, [click here](#).

- ☐ Never received a copy or lost the report
- ☐ Citation associated with a violation on an inspection
- ☐ Violation is incorrect, listed multiple times, or missing Intermodal Equipment Provider (IEP)/shipper information
- ☐ Not mine (wrong motor carrier or driver)
- ☐ Inspection missing from my report
- ☐ Duplicate (same inspection listed multiple times)
- ☐ Inspection report contains incorrect information / Other

Next





## Confirm Request Type

You have selected **"Violation is incorrect, listed multiple times, or missing Intermodal Equipment Provider (IEP)/shipper information"**.

By choosing this option,

You believe that the violation is incorrect as listed in the FMCSA systems or listed multiple times in error. Inspection reports include violations at the time of the inspection, which carriers or drivers are then responsible to fix. Once fixed, a violation is not considered incorrect and will remain on the record.

### Important Notice:

Violation codes are updated in FMCSA systems to support the agency's program. To ensure uniform implementation, these changes are not applied retroactively and DataQs requests prior to implementation will not be upheld.

→ If this does not accurately explain what you are requesting, click

**Next**



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Your previously selected options result in a request type of: **Inspection - Incorrect Violation**

To start this request, select the appropriate State and enter the report number.  
For assistance on finding the report number, read this [FAQ](#).

Fields marked with an asterisk (\*) are required.

**Report Number \***   10 characters maximum, do not include State abbreviation

### Detailed Information from Inspection Record

**Date (MM/DD/YYYY) \***



**Time (HH:MM AM/PM)**

**City/Location**

**County**

**State \***

**Reporting Officer ID**

### Carrier Information from Inspection Report

**Carrier Name \***

**U.S. DOT #**

**Address (Line 1)**

**MC/MX #**

**Address (Line 2)**

**Country**

**State**

**City**

**Zip**

### Driver Information from Inspection Record

**Driver Name**



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## Explanation of Request for Data Review

Where did you view the data that you want reviewed?

Select Publication 

Enter only violation code(s) you wish to have reviewed – add each one separately

Federal Violation Code

Federal Violation

from Inspection Report \*

Description \*

Why should the violation be reviewed? \*


Enter Violation

Fill in the information above and click "Enter Violation" for each violation to be reviewed.  
Once all violations are in the table below, click "Next"

Violation

Violation Description

Next



## Submit Documentation

You have the option to upload any additional documentation below or after submission. Once you submit your request, you will also have the option to fax in documentation. Reviewers reserve the right to request additional information. Note: Submitted documentation should contain appropriate content and support the Request for Data Review (RDR).

Based on your request type, the following documentation would be helpful in reviewing your request:

- Log books
- Driver/Vehicle Examination Report

### Upload Documentation

To upload your documentation at this time:

1. Select file to upload:    
Allowable file size: 5MB  
Allowable file types: DOC, DOCX, PDF, TIF, TIFF, TXT, XLS, XLSX, WPD, ZIP  
Allowable image formats: GIF, JPEG, JPG  
Allowable video formats: AVI, MKV, MP4, MPEG, MPG, WMV

2. Enter a brief title, or select a suggested title from the dropdown menu on the right:

3. Click upload
4. Confirm document is listed in table below
5. Repeat steps 1-4 for each document or continue with submission of

The following files have been uploaded for submission:

None uploaded.

Next



1 - Select Event



2 - Select Type



3 - Confirm Selection



4 - Enter Details



5 - Submit Docs



6 - Confirm Request

## Confirm Request

Review all entered information for accuracy.

**Request Type:** *Inspection - Incorrect Violation*

**Report State**

CA

**Report Number**

9999999999



### Detailed Information from Inspection Record

**Date (MM/DD/YYYY):**

09/25/2019

**Time (HH:MM AM/PM):**

**City/Location:**

**County:**

**State:**

CA

**Reporting Officer ID:**

### Carrier Information from Inspection Report

**Carrier Name:**

test

**U.S. DOT #:**

**Address (Line 1):**

**MC/MX #:**

**Address (Line 2):**

**Country:**

United States

**State:**

**City:**

**Zip:**

### Driver Information from Inspection Record

**Driver Name:**



## Which system displays questionable data:

The following violation code(s) have been requested to be reviewed:

Violation	Violation Description
393.2	test
Explanation: afsfas	

## Supporting Documents

### Th **Caution**

Company officials will be notified of any requests related to their U. S. DOT Number if they have a validated DataQs account. Read this related [FAQ](#) for more information.

### **Warning**

Any intentionally false or misleading statement, representation, or document that you provide in support of this DataQs request may subject you to prosecution for violation of Federal law punishable by a fine of not more than \$10,000.00 or imprisonment of not more than 5 years, or both (18 United States Code 1001).

☐ \* By clicking this box, I certify/understand that the statements and information I am submitting in support of this request are, to the best of my knowledge, true, accurate, and complete.

 Cancel

**Submit**



# Any Questions???



For more information,  
scan

