



SFD Calculator User Guide

Using FMCSA's SFD Calculator

The Federal Motor Carrier Safety Administration (FMCSA) designed the Safety Fitness Determination (SFD) Calculator to show you how the SFD methodology proposed in the Notice of Proposed Rulemaking (NPRM) could impact your company, by asking you questions about your company's on-road safety performance and most recent investigation results. This guide uses example carriers to show you where to find the safety information you need to answer the questions asked by the calculator.

Completing the On-Road Section

For the "On-Road" section of the calculator, you can find this safety information in your company's "Complete Safety Measurement System (SMS) Profile." You must log into the SMS to access your profile.

Accessing Your Company's Complete SMS Profile

There are two ways that you can access your company's "Complete SMS Profile."

Log into Your Profile through the SMS Website

- 1) Go to the SMS Website at: <https://ai.fmcsa.dot.gov/sms/>.
- 2) Select "Motor Carriers Log In Here."
- 3) Log into your safety profile using your company's U.S. DOT Number and PIN.
- 4) Select "Complete SMS Profile."

Log into Your Profile through FMCSA's Portal

- 1) Go to FMCSA's Portal at: <https://portal.fmcsa.dot.gov/>.
- 2) Log into the Portal with your username and password.
- 3) If your company has more than one carrier, select the U.S. DOT Number you would like to view.
- 4) In the "Company Information" dashboard, select "BASICS Safety Measurement Summary" and then the link titled "BASICS Details and History," which will take you to your safety profile on the SMS Website.
- 5) Select "Complete SMS Profile."

Navigating Your Company's Complete SMS Profile

Where can I find the total number of inspections my company received in the past 24 months?

At the top of your "Complete SMS Profile," you can see how many total inspections your company received.

CARRIER A
 U.S. DOT#: 000001
 Address: ANYWHERE USA
 Number of Vehicles: 280
 Number of Drivers: 230
 Number of Inspections: 358

Safety Rating & OOS Rates
 (As of 10/06/2015 updated daily from SAFER)
SATISFACTORY
 (Rating Date: 09/28/2001)

Out of Service Rates

Type	OOS %	National Avg %
Vehicle	6.6	20.7
Driver	0.8	5.5
Hazmat	1.9	4.5

Licensing and Insurance
 (As of 10/06/2015 updated hourly from L&I)

Type	Active For-Hire Authority	
	Yes/No	MC#/MX#
Property	Yes	MC-000001
Passenger	No	
Household Goods	No	
Broker	No	

If your "Complete SMS Profile" does not show at least 11 inspections, you would not be proposed unfit based on on-road safety performance data under this proposal.

Where can I find my company's inspections with violations for each BASIC?

In the second row of your "On-Road Performance Detail," you can see the inspections with violations in each BASIC that your company received. You can also view your company's inspections by BASIC in the first row of your "On-Road Performance Detail." If your company did not have 11 or more inspections with violations in any of the BASICS, your company would not be proposed unfit based on on-road safety performance data under this proposal.

BASIC Status (Motor Carrier View)
 Behavior Analysis & Safety Improvement Categories (BASICS) Based on a 24-month record ending September 25, 2015

COMPLETE SMS PROFILE

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PRINT

UNSAFE DRIVING

CRASH INDICATOR

HOURS-OF-SERVICE COMPLIANCE

VEHICLE MAINTENANCE

CONTROLLED SUBSTANCES/ALCOHOL

HAZARDOUS MATERIALS COMPLIANCE

DRIVER FITNESS

On-Road Performance						
0.60 Measure	0.03 Measure	0.34 Measure	1.09 Measure	0 Measure	0.62 Measure	0,01 Measure
45% Percentile	19% Percentile	32% Percentile	9% Percentile	0% Percentile	70% Percentile	Less than 5 driver inspections with violations

On-Road Performance Detail						
Driver Inspections with Unsafe Driving Violations: 38	Number of Crashes: 11	Driver Inspections: 353	Vehicle Inspections: 280	Driver Inspections: 353	HM Placardable Vehicle Inspections: 173	Driver Inspections: 353
Safety Event Group: 19-49 driver inspections with Unsafe Driving Violations	Safety Event Group: Crashes	with HOS Compliance Violations: 25	with Vehicle Maint. Violations: 52	with Drugs/Alcohol Violations: 0	with HM Compliance Violations: 15	with Driver Fitness Violations: 1
Avg. PU x PU: 455.6	Avg. PU x PU: 455.6	Safety Event Group: 101-500 relevant driver inspections	Safety Event Group: 101-500 relevant vehicle inspections	Safety Event Group: No Safety Event Grouping	Safety Event Group: 101+ relevant vehicle inspections	Safety Event Group: 101-500 relevant driver inspections
Segment: Straight Carrier	Segment: Straight Carrier					

Where can I find my company's measure for each BASIC?

The first row in your "On-Road Performance Summary" shows your measures in each BASIC. The SFD Calculator uses your measures (not your percentiles) to see how your company compares to the proposed absolute failure standards for each BASIC in the NPRM. If your percentiles for each BASIC are at or below the 95th percentile, then your measures would not be high enough to be proposed unfit based on on-road safety performance data under this proposal.

On-Road Performance						
0.60 Measure	0.03 Measure	0.34 Measure	1.09 Measure	0 Measure	0.62 Measure	0.01 Measure
45% Percentile	19% Percentile	32% Percentile	9% Percentile	0% Percentile	70% Percentile	Less than 5 driver inspections with violations
On-Road Performance Detail						
Driver Inspections with Unsafe Driving Violations: 38 Safety Event Group: 19-49 driver inspections with Unsafe Driving Violations Avg. PU × PU: 455.6 Segment: Straight Carrier	Number of Crashes: 11 Safety Event Group: 9-26 Crashes Avg. PU × PU: 455.6 Segment: Straight Carrier	Driver Inspections: 353 with HOS Compliance Violations: 25 Safety Event Group: 101-500 relevant driver inspections	Vehicle Inspections: 280 with Vehicle Maint. Violations: 52 Safety Event Group: 101-500 relevant vehicle inspections	Driver Inspections: 353 with Drugs/Alcohol Violations: 0 Safety Event Group: No Safety Event Grouping	HM Placardable Vehicle Inspections: 173 with HM Compliance Violations: 15 Safety Event Group: 101+ relevant vehicle inspections	Driver Inspections: 353 with Driver Fitness Violations: 1 Safety Event Group: 101-500 relevant driver inspections

Where can I find my segment type for the Unsafe Driving BASIC?

In the last row of the “On-Road Performance Detail” for the Unsafe Driving BASIC, you can see your company’s segment type.

On-Road Performance						
0.60 Measure	0.03 Measure	0.34 Measure	1.09 Measure	0 Measure	0.62 Measure	0.01 Measure
45% Percentile	19% Percentile	32% Percentile	9% Percentile	0% Percentile	70% Percentile	Less than 5 driver inspections with violations
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Completing the Investigation Section

The “Investigation” section of the calculator asks you questions about your company’s investigation results. You can find this safety information in your company’s investigation reports from the past month. If your company did not have an investigation in the past month, your company would not be proposed unfit based on investigation results under this proposal. However, if you had an investigation in the past 6 months, FMCSA recommends that you use your investigation report to complete the calculator to see how your company could be impacted.

Accessing Your Company’s Investigation Reports

How do I know if my company has had an investigation in the past month?

Go to your “Complete SMS Profile.” At the end of the profile, look at your company’s “Summary of Activities,” which includes information on your 5 most recent investigations. If your company did not

have an investigation in the past month, your company would not be proposed unfit based on investigation results under this proposal.


**COMPLETE
SMS PROFILE**

Summary of Activities

The summary includes information on the 5 most recent investigations and 24 months of inspections and crash history.


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Most Recent Investigation: 11/6/2012 (Non-Ratable Review)

Total Inspections: 358

Total Inspections without Violations used in SMS: 251

Total Inspections with Violations used in SMS: 107

Total Crashes* : 11

*Crashes listed represent a motor carrier's involvement in reportable crashes, regardless of the carrier's or driver's role in the crash. [Continue for details.](#)


DOWNLOADS

PRINT


PRINT

Continue for more Crash, Inspection & Investigation Details 

Reviewing Your Company's Investigation Reports

If I had an investigation in the past month, where can I find the violations that were cited?

Go to "Part B" of your investigation report to see the list of violations your company was cited for during the investigation. Compare this violation list to the one in the SFD Calculator, paying close attention to the primary citation and the violation description. Check off all the *primary* violations that were cited.

	CARRIER B U.S. DOT #: 000002	Review Date: 11/12/2014			
Part B Violations					
1	Primary: 383.37(a)	Discovered	Checked	Drivers/Vehicles In Violation	
FEDERAL ACUTE		1	31	1	31
	Description Knowingly allowing, requiring, permitting, or authorizing an employee to operate a CMV during any period in which the driver does not have a current CLP or CDL or does not have a CLP or CDL with the proper class or endorsements. An employer may not use a driver to operate a CMV who violates any restriction on the driver's CLP or CDL. Example Driver B, 09/10/2014, Anywhere USA. The Driver Was Operating A Combination CMV (GVWR 13,200 & 21,000 = 34,200) And Required A Class A CDL But The Driver Had A Class B CDL. The Driver Qualification File Had The Application For Employment Indicating A Class B CDL, Copy of The Missouri CDL (Class B) & The MVR, Dated 03/20/2014, Indicating A Class B CDL.				

My company was cited with Critical Violation(s) during an investigation—where can I find the violations discovered and records checked for each violation?

Go to “Part B” of your investigation report to see the violations discovered and records checked for each violation cited. You will need this information to determine whether your Critical Violation(s) meet Critical Violation status.

	CARRIER C U.S. DOT #: 000003	State #: 000003	Review Date: 12/08/2014		
Part B Violations					
1 FEDERAL CRITICAL	Primary: 395.8(a)	Discovered 72	Checked 150	Drivers/Vehicles In Violation 5	Checked 5
Description Failing to require driver to make a record of duty status. Example Trip date: 05/01/2014 Driver name: Driver C Description of Violation: Driver drove from California to Utah no records of duty status available.					

How do I know whether my company has received an Unsatisfactory (U) rating in Factor 6 (Crash or Accident Factor) during an investigation?

Go to the end of the violation list in “Part B” of your investigation report. Under “Rating Factors,” look next to “Factor 6.” If there is a U listed, your company has received an Unsatisfactory rating in Factor 6 (Crash or Accident Factor). An Unsatisfactory rating in Factor 6 is only given after crashes are reviewed and preventability determinations are made.

	CARRIER B U.S. DOT #: 000002	Review Date: 11/12/2014																												
Part B Violations																														
Safety Fitness Rating Information: Total Miles Operated 707,000 Recordable Accidents 4 Recordable Accidents/Million Miles 5.66		OOS Vehicle (CR): 0 Number of Vehicle Inspected (CR): 0 OOS Vehicle (MCMIS): 4 Number of Vehicles Inspected (MCMIS): 8																												
Your proposed safety rating is : <div style="text-align: center; font-size: 24pt; font-weight: bold;">UNSATISFACTORY</div>		<table border="1"> <thead> <tr> <th>Rating Factors</th> <th></th> <th>Acute</th> <th>Critical</th> </tr> </thead> <tbody> <tr> <td>Factor 1:</td> <td>S</td> <td>0</td> <td>0</td> </tr> <tr> <td>Factor 2:</td> <td>U</td> <td>1</td> <td>4</td> </tr> <tr> <td>Factor 3:</td> <td>S</td> <td>0</td> <td>0</td> </tr> <tr> <td>Factor 4:</td> <td>U</td> <td>0</td> <td>1</td> </tr> <tr> <td>Factor 5:</td> <td>S</td> <td>0</td> <td>0</td> </tr> <tr> <td>Factor 6:</td> <td>U</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Rating Factors		Acute	Critical	Factor 1:	S	0	0	Factor 2:	U	1	4	Factor 3:	S	0	0	Factor 4:	U	0	1	Factor 5:	S	0	0	Factor 6:	U	-	-
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Factor 4:	U	0	1																											
Factor 5:	S	0	0																											
Factor 6:	U	-	-																											

Reviewing Your Company’s Results

The “Results” section of the calculator shows how the proposed SFD NPRM may impact you. This section shows your company’s results and how the answers you provided produced them.

What does the Overall BASIC Results Table show me?

The “Overall BASIC Results Table” shows whether your company would be proposed unfit under the proposed SFD NPRM. It displays if you have failed BASICS based on your on-road safety performance and/or investigation results. If you have two or more failed BASICS, you would be proposed unfit.

What does the On-Road Summary show me?

The “On-Road Summary” lists all of the answers you provided in the “On-Road” section of the calculator. Print out and review this summary to check your answers.

What does the Investigation Summary show me?

The “Investigation Summary” lists all of the answers you provided in the “Investigation” section of the calculator. Print out and review this summary to check your answers.

How can I print my company’s results?

Select  at the end of the “On-Road” and “Investigation” summaries to print your sample results. For best results, print from Internet Explorer.

Tips for Using the Calculator

FMCSA designed the calculator to make it easy for you to edit your answers and navigate between sections.

I answered a question incorrectly—how can I correct it?

You can revise your answer before you select “Continue” to move on to the next question or section. You can also go back and revise a previous section by selecting that section from the main status bar.

Can I go back to a previous section in the calculator?

Yes, you can go back to a previous section by selecting that section from the main status bar. If you choose to go back to the “Investigation” section, not all of the safety information you entered will be saved.

Can I skip sections in the calculator?

No, you must answer the questions based on your previous responses in each section before you can continue.

How can I restart the calculator?

You can restart the calculator at any time by selecting “Get Started” from the main status bar, or “Restart Calculator” from the “Results” section. Once you choose “Restart,” you will need to re-enter all of your safety information.

Additional Resources

FMCSA has many additional resources to help you use the SFD Calculator, learn more about the proposed SFD NPRM, and stay updated on the Compliance, Safety, Accountability (CSA) program.

I am still confused—where can I get more help using the SFD Calculator?

Contact our CSA InfoLine Team at 1-877-254-5365, or fill out this form: https://csa.fmcsa.dot.gov/CSA_Feedback.aspx.

How can I learn more about the SFD Calculator and the proposed SFD NPRM?

Review the SFD NPRM to learn more about the proposed SFD and how the results were calculated at: http://www.regulations.gov#!documentDetail;D=FMCSA_FRDOC_0001-1880.

How can I submit comments on the proposed SFD NPRM?

Comment on the proposed SFD through the Federal Register Notice at: http://www.regulations.gov#!submitComment;D=FMCSA_FRDOC_0001-1880.

How can I stay updated on CSA?

Visit the CSA Website regularly at: <https://csa.fmcsa.dot.gov/>.