

FMCSA Beyond Compliance Test Survey

Consent

1. Title of Research Study

Beyond Compliance Program

Investigator

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Supported By

This research is supported by the Federal Motor Carrier Safety Administration.

Key Information about this research study

The following is a short summary of this study to help you decide whether to be a part of this study.

The purpose of this study is to gauge the relative importance of various motor carrier safety program elements that lead to safe operations. This information will help FMCSA to determine those safety program tools, policies, and practices that lead to operations that go beyond compliance.

You will be asked to complete a survey as part of this research effort. We expect that you will be in this research study for 30 minutes. There is no risk to participating in this research. The main benefit of participation is that you are helping FMCSA to guide the development of a Beyond Compliance program which will provide incentives to motor carriers that do more than the basic requirements for transportation safety.

Why am I being asked to take part in this research study?

You are being asked to take part in this research study because you were identified as a motor carrier with operations that are among the safest in the industry.

Whether or not you take part is up to you. You can choose not to take part. You can agree to take part and later change your mind. Your decision will not be held against you.

You can decide not to participate in this research or you can start and then decide to leave the research at any time and it will not be held against you. To do so, simply exit the survey.

What happens to the information collected for the research?

Efforts will be made to limit the use and disclosure of your personal information to people who have a need to review this information. We cannot promise complete secrecy.

This survey is being hosted by SurveyGizmo and involves a secure connection. Terms of service, addressing confidentiality, may be viewed at <https://www.surveygizmo.com/privacy/>. Upon receiving results of your survey, you will be identified only by a unique subject number. The results of the research study may be published, but your name will not be used.

Who can I talk to?

If you have questions, concerns, or complaints talk to Nicole Michel (nicole.michel@dot.gov; 202-366-4354), Gene Bergoffen (bergoffen@roadrunner.com; 207-935-7948), or Christopher Lindsey (clindsey@camsys.com; 404-460-2602).

Consent

If you want a copy of this consent for your records, you can print it from the screen.

If you wish to participate, please click the "I Agree" button and you will be taken to the survey.

If you do not wish to participate in this study, please select "I Disagree" or select X in the corner of your browser.

*

- I Agree
- I Disagree

This portion of the survey presents a series of comparisons between potential elements of a safety program. Each question asks you to evaluate the importance of one safety program element relative to another. The purpose of these questions is to identify which safety program elements are most important for achieving safe operations. Seven safety program areas are evaluated in this survey. They are: (1) Advanced Safety Equipment, (2) Fatigue Management, (3) Driver Training, (4) Hiring Practices, (5) Data Analytics, (6) Safety Culture, and (7) Safety Incentives/ Discipline.

Read each table from left to right. If Factor 1 is more important than factor 2, select a value of "Absolutely more important", "Strongly more important", "More important", or "Slightly more important" in the appropriate column on the left-hand side of the screen. If Factor 1 is less important than Factor 2, select a value of "Absolutely less important", "Strongly less important", "Less important", or "Slightly less important" on the right-hand side of the screen. If you consider both factors to be equally important, select a value of "Equally important". You may enter only one value per line.

In the example shown on this screen, Factor 1 was selected as *absolutely more important* than Factor 2.

(untitled)

This series of comparisons looks at what may be considered the primary elements of a motor carrier safety program. These elements are:

- **Advanced Safety Equipment** - includes those tools and technologies installed on trucks that help to prevent crashes and unsafe driving behaviors;
- **Fatigue Management** - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver being fatigued;
- **Driver Training** - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver lacking the skills and knowledge to operate safely;
- **Hiring Practices** – policies or practices that limit the potential for crashes and unsafe driving behaviors that may result from hiring a bad driver;
- **Data Analytics** - includes those tools, technologies, and practices that help to prevent crashes and unsafe driving behaviors by analyzing data on driver operations;
- **Safety Culture** - includes those policies and practices that help to prevent crashes and unsafe driving behaviors by establishing an expectation of safety in all aspects of a carrier’s business; and
- **Safety Incentives and Discipline** - includes those policies and practices that help to prevent crashes that may result from a driver engaging in unsafe driving behaviors.

Overall Criteria

2. Advanced Safety Equipment is ... than Fatigue Management. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Advanced Safety Equipment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Fatigue Management

Advanced Safety Equipment - includes those tools and technologies installed on trucks that help to prevent crashes and unsafe driving behaviors.

Fatigue Management - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver being fatigued.

Overall Criteria

3. Advanced Safety Equipment is ... than Driver Training. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Advanced Safety Equipment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Driver Training

Advanced Safety Equipment - includes those tools and technologies installed on trucks that help to prevent crashes and unsafe driving behaviors.

Driver Training - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver lacking the skills and knowledge to operate safely.

Overall Criteria

4. Advanced Safety Equipment is ... than Hiring Practices. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Advanced Safety Equipment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Hiring Practices

Advanced Safety Equipment - includes those tools and technologies installed on trucks that help to prevent crashes and unsafe driving behaviors.

Hiring Practices – policies or practices that limit the potential for crashes and unsafe driving behaviors that may result from hiring a bad driver.

Overall Criteria

5. Advanced Safety Equipment is ... than Data Analytics. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Advanced Safety Equipment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Data Analytics

Advanced Safety Equipment - includes those tools and technologies installed on trucks that help to prevent crashes and unsafe driving behaviors.

Data Analytics - includes those tools, technologies, and practices that help to prevent crashes and unsafe driving behaviors by analyzing data on driver operations.

Overall Criteria

6. Advanced Safety Equipment is ... than Safety Culture. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Advanced Safety Equipment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Safety Culture

Advanced Safety Equipment - includes those tools and technologies installed on trucks that help to prevent crashes and unsafe driving behaviors.

Safety Culture - includes those policies and practices that help to prevent crashes and unsafe driving behaviors by establishing an expectation of safety in all aspects of a carrier's business.

Overall Criteria

7. Advanced Safety Equipment is ... than Safety Incentives/ Discipline. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Advanced Safety Equipment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Safety Incentives/ Discipline

Advanced Safety Equipment - includes those tools and technologies installed on trucks that help to prevent crashes and unsafe driving behaviors.

Safety Incentives and Discipline - includes those policies and practices that help to prevent crashes that may result from a driver engaging in unsafe driving behaviors.

Overall Criteria

8. Fatigue Management is ... than Driver Training. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Fatigue Management	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Driver Training

Fatigue Management - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver being fatigued.

Driver Training - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver lacking the skills and knowledge to operate safely.

Overall Criteria

9. Fatigue Management is ... than Hiring Practices. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Fatigue Management	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Hiring Practices

Fatigue Management - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver being fatigued.

Hiring Practices – policies or practices that limit the potential for crashes and unsafe driving behaviors that may result from hiring a bad driver.

Overall Criteria

10. Fatigue Management is ... than Data Analytics. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Fatigue Management	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Data Analytics

Fatigue Management - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver being fatigued.

Data Analytics - includes those tools, technologies, and practices that help to prevent crashes and unsafe driving behaviors by analyzing data on driver operations.

Overall Criteria

11. Fatigue Management is ... than Safety Culture. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Fatigue Management	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Safety Culture

Fatigue Management - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver being fatigued.

Safety Culture - includes those policies and practices that help to prevent crashes and unsafe driving behaviors by establishing an expectation of safety in all aspects of a carrier's business.

Overall Criteria

12. Fatigue Management is ... than Safety Incentives/ Discipline. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Fatigue Management	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Safety Incentives/ Discipline

Fatigue Management - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver being fatigued.

Safety Incentives and Discipline - includes those policies and practices that help to prevent crashes that may result from a driver engaging in unsafe driving behaviors.

Overall Criteria

13. Driver Training is ... than Hiring Practices. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Driver Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Hiring Practices

Driver Training - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver lacking the skills and knowledge to operate safely.

Hiring Practices – policies or practices that limit the potential for crashes and unsafe driving behaviors that may result from hiring a bad driver.

Overall Criteria

14. Driver Training is ... than Data Analytics. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Driver Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Data Analytics

Driver Training - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver lacking the skills and knowledge to operate safely.

Data Analytics - includes those tools, technologies, and practices that help to prevent crashes and unsafe driving behaviors by analyzing data on driver operations.

Overall Criteria

15. Driver Training is ... than Safety Culture. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Driver Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Safety Culture

Driver Training - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver lacking the skills and knowledge to operate safely.

Safety Culture - includes those policies and practices that help to prevent crashes and unsafe driving behaviors by establishing an expectation of safety in all aspects of a carrier's business.

Overall Criteria

16. Driver Training is ... than Safety Incentives/ Discipline. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Driver Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Safety Incentives/ Discipline

Driver Training - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver lacking the skills and knowledge to operate safely.

Safety Incentives and Discipline - includes those policies and practices that help to prevent crashes that may result from a driver engaging in unsafe driving behaviors.

Overall Criteria

17. Hiring Practices are ... than Data Analytics. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Hiring Practices	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Data Analytics

Hiring Practices – policies or practices that limit the potential for crashes and unsafe driving behaviors that may result from hiring a bad driver.

Data Analytics - includes those tools, technologies, and practices that help to prevent crashes and unsafe driving behaviors by analyzing data on driver operations.

Overall Criteria

18. Hiring Practices are ... than Safety Culture. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Hiring Practices	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Safety Culture

Hiring Practices – policies or practices that limit the potential for crashes and unsafe driving behaviors that may result from hiring a bad driver.

Safety Culture - includes those policies and practices that help to prevent crashes and unsafe driving behaviors by establishing an expectation of safety in all aspects of a carrier's business.

Overall Criteria

19. Hiring Practices are ... than Safety Incentives/ Discipline. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Hiring Practices	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Safety Incentives/ Discipline

Hiring Practices – policies or practices that limit the potential for crashes and unsafe driving behaviors that may result from hiring a bad driver.

Safety Incentives and Discipline - includes those policies and practices that help to prevent crashes that may result from a driver engaging in unsafe driving behaviors.

Overall Criteria

20. Data Analytics is ... than Safety Culture. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Data Analytics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Safety Culture

Data Analytics - includes those tools, technologies, and practices that help to prevent crashes and unsafe driving behaviors by analyzing data on driver operations.

Safety Culture - includes those policies and practices that help to prevent crashes and unsafe driving behaviors by establishing an expectation of safety in all aspects of a carrier's business.

Overall Criteria

21. Data Analytics is ... than Safety Incentives/ Discipline. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Data Analytics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Safety Incentives/ Discipline

Data Analytics - includes those tools, technologies, and practices that help to prevent crashes and unsafe driving behaviors by analyzing data on driver operations.

Safety Incentives and Discipline - includes those policies and practices that help to prevent crashes that may result from a driver engaging in unsafe driving behaviors.

Overall Criteria

22. Safety Culture is ... than Safety Incentives/ Discipline. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Safety Culture	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Safety Incentives/ Discipline

Safety Culture - includes those policies and practices that help to prevent crashes and unsafe driving behaviors by establishing an expectation of safety in all aspects of a carrier's business

Safety Incentives and Discipline - includes those policies and practices that help to prevent crashes that may result from a driver engaging in unsafe driving behaviors.

(untitled)

This series of comparisons looks at Advanced Safety Equipment. Advanced Safety Equipment includes those tools and technologies installed on trucks that help to prevent crashes and unsafe driving behaviors. The Advanced Safety Equipment tools and technologies evaluated in this survey are:

- Rollover Stability;
- Collision Avoidance;
- Lane Departure Warning;
- Video-Based Safety; and
- Blind Spot Monitoring.

Advanced Safety Equipment

23. Rollover Stability is ... than Collision Avoidance. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Rollover Stability	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Collision Avoidance

Advanced Safety Equipment - includes those tools and technologies installed on trucks that help to prevent crashes and unsafe driving behaviors.

Advanced Safety Equipment

24. Rollover Stability is ... than Lane Departure Warning. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Rollover Stability	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Lane Departure Warning

Advanced Safety Equipment - includes those tools and technologies installed on trucks that help to prevent crashes and unsafe driving behaviors.

Advanced Safety Equipment

25. Rollover Stability is ... than Video-Based Safety. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Rollover Stability	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Video- Based Safety

Advanced Safety Equipment - includes those tools and technologies installed on trucks that help to prevent crashes and unsafe driving behaviors.

Advanced Safety Equipment

26. Rollover Stability is ... than Blind Spot Monitoring. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Rollover Stability	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Blind Spot Monitoring

Advanced Safety Equipment - includes those tools and technologies installed on trucks that help to prevent crashes and unsafe driving behaviors.

Advanced Safety Equipment

27. Lane Departure Warning is ... than Video-Based Safety. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Lane Departure Warning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Video- Based Safety

Advanced Safety Equipment - includes those tools and technologies installed on trucks that help to prevent crashes and unsafe driving behaviors.

Advanced Safety Equipment

28. Lane Departure Warning is ... than Blind Spot Monitoring. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Lane Departure Warning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Blind Spot Monitoring

Advanced Safety Equipment - includes those tools and technologies installed on trucks that help to prevent crashes and unsafe driving behaviors.

Advanced Safety Equipment

29. Collision Avoidance is ... than Lane Departure Warning. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Collision Avoidance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Lane Departure Warning

Advanced Safety Equipment - includes those tools and technologies installed on trucks that help to prevent crashes and unsafe driving behaviors.

Advanced Safety Equipment

30. Collision Avoidance is ... than Video-Based Safety. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Collision Avoidance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Video- Based Safety

Advanced Safety Equipment - includes those tools and technologies installed on trucks that help to prevent crashes and unsafe driving behaviors.

Advanced Safety Equipment

31. Collision Avoidance is ... than Blind Spot Monitoring. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Collision Avoidance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Blind Spot Monitoring

Advanced Safety Equipment - includes those tools and technologies installed on trucks that help to prevent crashes and unsafe driving behaviors.

(untitled)

This series of comparisons looks at Fatigue Management strategies. Fatigue Management strategies includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver being fatigued. The Fatigue Management strategies evaluated in this survey are:

- Sleep Disorder Screening;
- Sleep Compliance Monitoring;
- Active Sleep Disorder Program; and
- Internally Modified Hours-of-Service for Daytime and Nighttime Driving.

Fatigue Management

32. Sleep Disorder Screening is ... than Sleep Disorder Compliance Monitoring. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Sleep Disorder Screening	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Sleep Disorder Compliance Monitoring

Fatigue Management - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver being fatigued.

Fatigue Management

33. Sleep Disorder Screening is ... than Active Sleep Disorder Program. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Sleep Disorder Screening	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Active Sleep Disorder Program

Fatigue Management - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver being fatigued.

Fatigue Management

34. Sleep Disorder Screening is ... than Internally Modified Hours-of-Service Rules for Daytime and Nighttime Driving. *

Absolutely more important Strongly more important More important Slightly more important Equally important Slightly less important Less important Strongly less important Absolutely less important

Sleep Disorder Screening

Internally Modified Hours-of-Service Rules for Daytime and Nighttime Driving

Fatigue Management - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver being fatigued.

Fatigue Management

35. Sleep Disorder Screening is ... than Active Sleep Disorder Program. *

Absolutely more important Strongly more important More important Slightly more important Equally important Slightly less important Less important Strongly less important Absolutely less important

Sleep Disorder Screening

Active Sleep Disorder Program

Fatigue Management - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver being fatigued.

Fatigue Management

36. Sleep Disorder Screening is ... than Internally Modified Hours-of-Service Rules for Daytime and Nighttime Driving. *

Absolutely more important Strongly more important More important Slightly more important Equally important Slightly less important Less important Strongly less important Absolutely less important

Sleep Disorder Screening

Internally Modified Hours-of-Service Rules for Daytime and Nighttime Driving

Fatigue Management - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver being fatigued.

Fatigue Management

37. Sleep Disorder Compliance is ... than Active Sleep Disorder Program. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Sleep Disorder Compliance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Active Sleep Disorder Program

Fatigue Management - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver being fatigued.

Fatigue Management

38. Sleep Disorder Compliance Monitoring is ... than Internally Modified Hours-of-Service Rules for Daytime and Nighttime Driving. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Sleep Disorder Compliance Monitoring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	than Internally Modified Hours-of- Service Rules for Daytime and Nighttime Driving

Fatigue Management - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver being fatigued.

Fatigue Management

39. Active Sleep Disorder Program is ... than Internally Modified Hours-of-Service Rules for Daytime and Nighttime Driving. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Active Sleep Disorder Program	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Internally Modified Hours-of- Service Rules for Daytime and Nighttime Driving

Fatigue Management - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver being fatigued.

(untitled)

This series of comparisons looks at Driver Training strategies. Driver Training strategies includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver lacking the skills and knowledge to operate safely. The Driver Training strategies evaluated in this survey are:

- Finishing Training;
- Sustainment Training;
- Post-Crash/ Incident Training; and
- Simulation-Based Training.

Driver Training

40. Finishing Training is ... than Sustainment Training. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Finishing Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Sustainment Training

Driver Training - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver lacking the skills and knowledge to operate safely.

Driver Training

41. Finishing Training is ... than Post-Crash/ Incident Training. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Finishing Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Post- Crash/ Incident Training.

Driver Training - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver lacking the skills and knowledge to operate safely.

Driver Training

42. Finishing Training is ... than Simulation-Based Training. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Finishing Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Simulation- Based Training

Driver Training - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver lacking the skills and knowledge to operate safely.

Driver Training

43. Sustainment Training is ... than Post-Crash Incident Training. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Sustainment Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Post- Crash Incident Training

Driver Training - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver lacking the skills and knowledge to operate safely.

(untitled)

This series of comparisons looks at Hiring Practices and their importance for achieving safe operations. Specifically, these comparisons look at those Hiring Practices that limit the potential for crashes and unsafe driving behaviors that may result from hiring a bad driver. The Hiring Practices evaluated in this survey are:

- Pre-Employment Screening;
- Drug Testing;
- Physical Functions Testing; and
- Qualifying Road Test.

Hiring Practices

44. Pre-Employment Screening is ... than Drug Testing. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Pre- Employment Screening	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Drug Testing

Hiring Practices – policies or practices that limit the potential for crashes and unsafe driving behaviors that may result from hiring a bad driver.

Hiring Practices

45. Pre-Employment Screening is ... than Physical Functions Testing. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Pre- Employment Screening	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Physical Functions Testing

Hiring Practices – policies or practices that limit the potential for crashes and unsafe driving behaviors that may result from hiring a bad driver.

Hiring Practices

46. Pre-Employment Screening is ... than Qualifying Road Test. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Pre- Employment Screening	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Qualifying Road Test

Hiring Practices – policies or practices that limit the potential for crashes and unsafe driving behaviors that may result from hiring a bad driver.

Hiring Practices

47. Drug Testing is ... than Physical Functions Test. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Drug Testing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Physical Functions Test

Hiring Practices – policies or practices that limit the potential for crashes and unsafe driving behaviors that may result from hiring a bad driver.

Hiring Practices

48. Drug Testing is ... than Qualifying Road Test. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Drug Testing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Qualifying Road Test

Hiring Practices – policies or practices that limit the potential for crashes and unsafe driving behaviors that may result from hiring a bad driver.

Hiring Practices

49. Physical Functions Test is ... than Qualifying Road Test. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Physical Functions Test	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Qualifying Road Test

Hiring Practices – policies or practices that limit the potential for crashes and unsafe driving behaviors that may result from hiring a bad driver.

(untitled)

This series of comparisons looks at Data Analytics strategies. Data Analytics strategies includes those tools, technologies, and practices that help to prevent crashes and unsafe driving behaviors by analyzing data on driver operations. The Data Analytics strategies evaluated in this survey are:

- Predictive Analytics for Safety Performance; and
- Data Driven Risk Assessment.

Data Analytics

50. Predictive Analytics for Safety Performance is ... than Data Driven Risk Assessment. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Predictive Analytics for Safety Performance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Data Driven Risk Assessment

Data Analytics - includes those tools, technologies, and practices that help to prevent crashes and unsafe driving behaviors by analyzing data on driver operations.

Predictive Analytics uses available data to feed an algorithmic model to find correlations in myriad data to determine whether an individual driver is at risk for a crash or incident, such that action can be taken with the driver BEFORE a crash or incident occurs.

Data-Driven Risk Assessments look at aggregated fleet data to determine risk trends for which actions can be taken on a broader scale to mitigate risk.

(untitled)

This series of comparisons looks at Safety Culture and its impact on safety. Safety Culture strategies includes those policies and practices that help to prevent crashes and unsafe driving behaviors by establishing an expectation of safety in all aspects of a carrier's business. The Safety Culture strategies evaluated in this survey are:

- Safety as a Core Corporate Value; and
- Attempt to Measure Safety Culture.

Safety Culture

51. Safety as a Core Corporate Value is ... than Attempt to Measure Safety Culture. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Safety as a Core Corporate Value	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Attempt to Measure Safety Culture

Safety Culture - includes those policies and practices that help to prevent crashes and unsafe driving behaviors by establishing an expectation of safety in all aspects of a carrier's business.

(untitled)

This series of comparisons looks at Safety Incentives and Discipline and its impact on safety. Safety Incentives and Discipline strategies includes those policies and practices that help to prevent crashes that may result from a driver engaging in unsafe driving behaviors. The Safety Incentives and Discipline strategies evaluated in this survey are:

- Rewards for Safe Driving; and
- Discipline for Unsafe Driving.

Safety Incentives/ Discipline

52. Rewards for Safe Driving are ... than Discipline for Unsafe Driving. *

	Absolutely more important	Strongly more important	More important	Slightly more important	Equally important	Slightly less important	Less important	Strongly less important	Absolutely less important	
Rewards for Safe Driving	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Discipline for Unsafe Driving

Safety Incentives and Discipline - includes those policies and practices that help to prevent crashes that may result from a driver engaging in unsafe driving behaviors.

This next portion of the survey includes questions on what measures of effectiveness carriers use to determine safety performance and regulatory compliance. Based on those measures of effectiveness, the survey includes questions on which technologies and business practices will best improve safety and regulatory compliance performance.

Measures of Effectiveness and Technology/Business Practices Screens

53. What safety measures of effectiveness do you track (check all that apply): *

- Crash rates
- Preventable crash rates
- DOT Recordable crash rates
- Preventable DOT Recordable crash rates
- Critical events (e.g., hard braking, aggressive driving, speeding, motorist complaint calls, etc.)
- Other (please specify)

*
- None

Measures of Effectiveness and Technology/Business Practices Screens

54. What regulatory compliance measures of effectiveness do you track (check all that apply): *

- Hours-of-service violations
- Driver log falsifications
- Out-of-service rates at roadside
- Other (please specify)
- None

*

Measures of Effectiveness and Technology/Business Practices Screens

55. When developing crash or out-of-service rates, what normalizing variable(s) do you use (check all that apply): *

- Miles
- Total number of drivers
- Total number of loads
- Total number of power units
- Other (please specify)

*

Measures of Effectiveness and Technology/Business Practices Screens

56. Do you segment safety performance data in order to analyze specific types of crashes? *

- Yes
- No

Measures of Effectiveness and Technology/Business Practices Screens

57. What crash types do you use for safety performance data? (check all that apply) *

- Rear-end collision
- Hit fixed object moving forward
- Hit fixed object while backing
- Hit moving vehicle
- Lane change
- Ran off road
- Rollover/jackknife
- Hit pedestrian
- Roll away
- Stuck, need tow
- Property damage
- Spill/product release
- Hit by others
- Other (please specify)

*

Measures of Effectiveness and Technology/Business Practices Screens

58. Do you analyze causal factors for crashes ? *

- Yes
- No

Measures of Effectiveness and Technology/Business Practices Screens

59. What causal factors for crashes do you use? (check all that apply) *

- Speed management
- Space management
- Fatigue
- Distraction
- Driver skill or knowledge
- Medical event (with driver)
- Other (please specify)

*

Measures of Effectiveness and Technology/Business Practices Screens

60. What technology investments have you made and/or business practices implemented to improve performance as reflected by **preventable crash rates (including preventable DOT recordable crash)** (check all that apply) *

Advanced Safety Equipment - includes those tools and technologies installed on trucks that help to prevent crashes and unsafe driving behaviors. *

- Rollover Stability
- Collision Avoidance
- Lane Departure Warning
- Video-Based Safety System
- Blind Spot Monitoring
- None
- Other

*

Fatigue Management - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver being fatigued. *

- Sleep Disorder Screening
- Sleep Disorder Compliance Monitoring
- Active Sleep Disorder Program
- Internally Modified Hours-of-Service Rules for Daytime and Nighttime Driving
- None
- Other

*

Driver Training - includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver lacking the skills and knowledge to operate safely. *

- Post-Crash/Incident Training
- Sustainment Training
- Simulation-based Training
- None
- Other

*

Data Analytics - includes those tools, technologies, and practices that help to prevent crashes and unsafe driving behaviors by analyzing data on driver operations. *

- Predictive Analytics for Safety Performance
- Data Driven Risk Assessment
- Other

*

- None

Safety Incentives/Discipline - includes those policies and practices that help to prevent crashes that may result from a driver engaging in unsafe driving behaviors. *

- Rewards for Safe Driving
- Discipline for Unsafe Driving
- Other

*

None

Other Technology Investments or Business Practices *

Other

*

None

Measures of Effectiveness and Technology/Business Practices Screens

61. What technology investments have you made and/or business practices implemented to improve performance as reflected by **measures of regulatory compliance (i.e., hours-of-service violations, driver log falsifications, or out-of-service rates at roadside)** (check all that apply): *

Safety Culture - includes those policies and practices that help to prevent crashes and unsafe driving behaviors by establishing an expectation of safety in all aspects of a carrier's business. *

- Safety as a Core Corporate Value
- Attempt to Measure Safety Culture
- None
- Other

*

Safety Incentives/ Discipline - includes those policies and practices that help to prevent crashes that may result from a driver engaging in unsafe driving behaviors. *

- Rewards for Safe Driving
- Discipline for Unsafe Driving
- Discipline for Driver Log Violations/ Falsifications
- None
- Other

*

Regulatory Compliance Monitoring - includes those policies and practices that help to ensure compliance with federal regulations on hours-of-service and equipment serviceability *

- Carrier-Performed Routine Inspections of Equipment Serviceability
- Detailed Process for Driver Pre-Trip Inspections
- RFID-Verified Driver Pre-Trip Inspections (RFID = Radio Frequency Identification)
- None
- Other

*

Other Technology Investments or Business Practices *

- Other

*

- None

Thank You!

Thank you for taking our survey. Your response is very important to us.