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 safety;
- 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.



FMCSA Beyond Compliance Test Survey Overall Criteria Advanced Safety Equipment is ... than Fatigue Management. * Absolutely more Strongly more Slightly more Equally Slightly less Strongly less Absolutely less important More important important important important Less important important important Advanced **Fatigue** 0 0 0 \circ 0 0 0 0 0 Safety Management Equipment 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.

FMCSA Beyond Compliance Test Survey Overall Criteria Advanced Safety Equipment is ... than Driver Training.* Absolutely more Strongly more Slightly more Equally Slightly less Strongly less Absolutely less important important More important important important Less important important important Advanced 0 0 0 \circ 0 0 0 \circ 0 **Driver Training** Safety Equipment 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.

FMCSA Beyond Compliance Test Survey Overall Criteria Advanced Safety Equipment is ... than Hiring Practices. * Absolutely more Strongly more Slightly more Equally Slightly less Strongly less Absolutely less important important More important important important important Less important important important Advanced Hiring 0 0 0 0 0 0 0 0 0 Safety **Practices** Equipment 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.

FMCSA Beyond Compliance Test Survey Overall Criteria Advanced Safety Equipment is ... than Data Analytics.* Absolutely more Strongly more Slightly less Slightly more Equally Strongly less Absolutely less important More important important important important Less important important important Advanced 0 0 0 0 0 0 0 0 0 **Data Analytics** Safety Equipment 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.

| lood baloty Equi | oment is than Safe Absolutely more important | ety Culture. * Strongly more important | More important | Slightly more important | Equally important | Slightly less important | Less important | Strongly less important | Absolutely less important | |
|---------------------------------|--|--|----------------|-------------------------|-------------------|-------------------------|--|-------------------------|---------------------------|----------------|
| Advanced Safety Equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Safety Culture |
| | | | | | | | | | | |
| | ipment - includes th | | | | | | ehaviors. ation of safety in all as | spects of a carrier' | s business. | |
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FMCSA Beyond Compliance Test Survey Overall Criteria Advanced Safety Equipment is ... than Safety Incentives/ Discipline. * Absolutely more Strongly more Slightly less Absolutely less Slightly more Equally Strongly less important important More important important important important Less important important important Advanced Safety 0 0 0 0 0 0 0 0 Safety Incentives/ Equipment 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.

FMCSA Beyond Compliance Test Survey Overall Criteria Fatigue Management is ... than Driver Training. * Absolutely more Strongly more Slightly more Equally Slightly less Strongly less Absolutely less important important More important important important important Less important important important **Fatigue** \circ 0 0 \circ 0 0 0 \circ **Driver Training** Management 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.

| Fatigue Management is | than Hiring Prac | tices. * | | | | | | | | |
|--------------------------------|---------------------------|----------------------------|----------------------|----------------------------|------------------------|----------------------------|-------------------------|----------------------------|------------------------------|---------------------|
| | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Hiring Practices |
| Fatique Management | - includes those poli | cies and practices | that help to prevent | crashes and unsafe | driving behaviors | that may result from | n a driver being fatigu | ed. | | |
| | | | | | | | | | | |
| Hiring Practices – poli | cies or practices tha | t limit the potential | for crashes and uns | afe driving behavior | rs that may result for | rom hiring a bad dri | ver. | | | |

FMCSA Beyond Compliance Test Survey Overall Criteria Fatigue Management is ... than Data Analytics. * Absolutely more Strongly more Slightly more Equally Slightly less Strongly less Absolutely less important important More important important important important Less important important important **Fatigue** 0 0 0 0 0 0 0 0 Data Analytics Management 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.

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| Fatigue Management | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Safety Culture |
| atigue Management | | | | | _ | - | | | s business. | |
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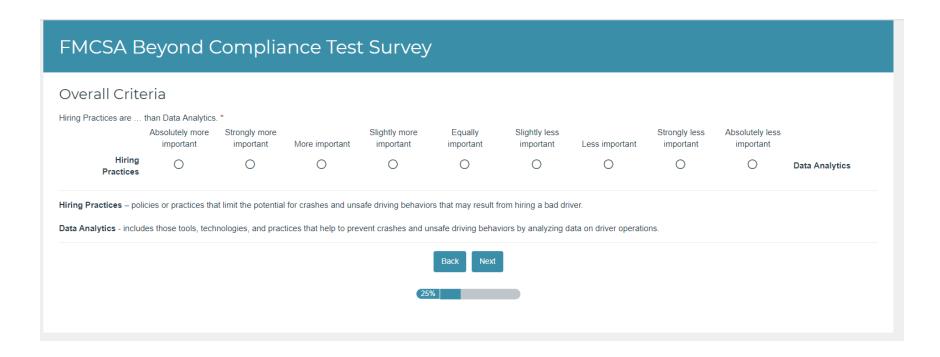
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| atigue Management is | than Safety Ince | entives/ Discipline. | * | | | | | | | |
| | Absolutely more important | Strongly more important | More important | Slightly more important | Equally important | Slightly less important | Less important | Strongly less important | Absolutely less important | |
| Fatigue Management | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Safety Incentives/ Discipline |
| atigue Management - | • | | | | _ | - | | | | |
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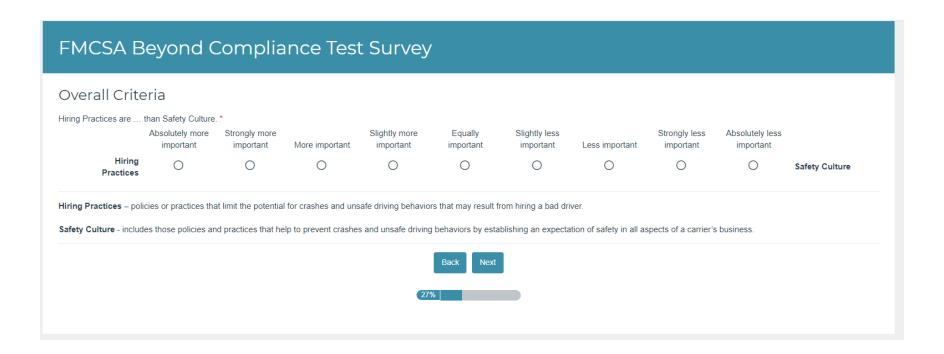
FMCSA Beyond Compliance Test Survey Overall Criteria Driver Training is ... than Hiring Practices. * Absolutely more Strongly more Slightly less Strongly less Absolutely less Slightly more Equally More important important important important important important Less important important important Hiring 0 0 0 0 0 0 0 0 0 **Driver Training** 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.

| river Training is tha | eria | | | | | | | | | |
|-----------------------|---------------------------|-------------------------|----------------|-------------------------|-------------------|-------------------------|--------------------------|-------------------------|---------------------------|----------------|
| To training to the | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Data Analytics |
| - | • | • | | | | | ver lacking the skills a | | pperate safely. | • |
| - | • | • | | | | | ver lacking the skills a | | operate safely. | , |
| - | • | • | | | | | J | | pperate safely. | • |

FMCSA Beyond Compliance Test Survey Overall Criteria Driver Training is ... than Safety Culture.* Slightly less Absolutely more Strongly more Slightly more Equally Strongly less Absolutely less important important More important important important important Less important important important 0 0 0 0 0 0 0 0 0 **Driver Training** 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.

FMCSA Beyond Compliance Test Survey Overall Criteria Driver Training is ... than Safety Incentives/ Discipline.* Absolutely more Strongly more Slightly more Slightly less Strongly less Absolutely less Equally important important More important important important important Less important important important Safety 0 0 0 0 0 0 0 **Driver Training** 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.





FMCSA Beyond Compliance Test Survey Overall Criteria Hiring Practices are ... than Safety Incentives/ Discipline.* Absolutely more Strongly more Slightly more Equally Slightly less Strongly less Absolutely less important More important important important important Less important important important Safety Hiring 0 0 0 \circ 0 0 0 0 0 Incentives/ **Practices** 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.

FMCSA Beyond Compliance Test Survey Overall Criteria Data Analytics is ... than Safety Culture. * Absolutely more Strongly more Slightly more Equally Slightly less Strongly less Absolutely less important important More important important important important Less important important important 0 0 0 0 0 0 0 0 0 **Data Analytics** 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.

FMCSA Beyond Compliance Test Survey Overall Criteria Data Analytics is ... than Safety Incentives/ Discipline. * Equally Slightly less Absolutely more Strongly more Slightly more Strongly less Absolutely less important important More important important important Less important important important Safety 0 0 0 \circ 0 0 0 0 0 Data Analytics 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.

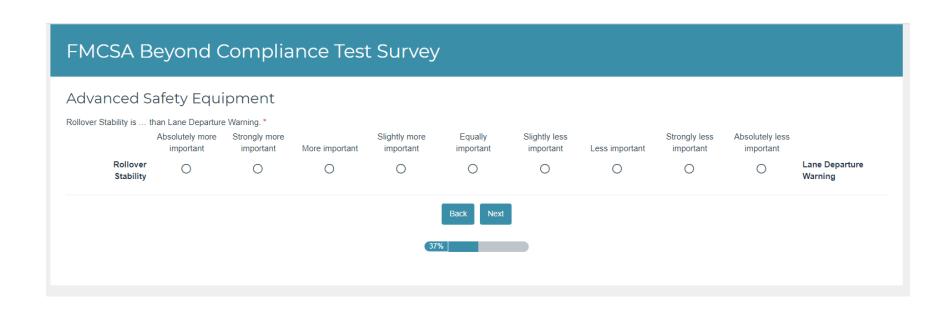
FMCSA Beyond Compliance Test Survey Overall Criteria Safety Culture is ... than Safety Incentives/ Discipline. * Absolutely more Strongly more Slightly more Equally Slightly less Strongly less Absolutely less important important More important important important important Less important important important Safety 0 0 0 0 0 0 0 0 0 Safety Culture 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.

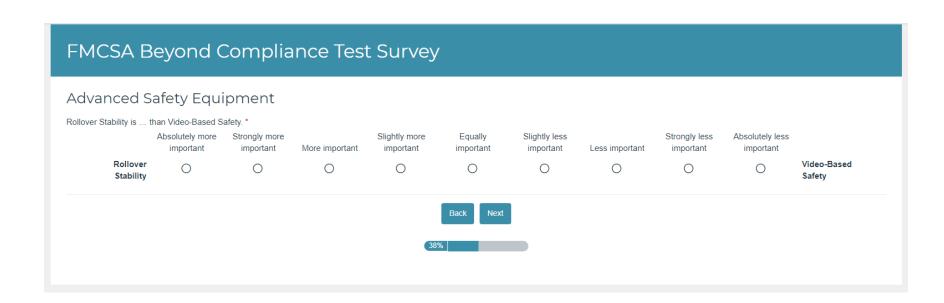
This series of comparisons looks at Advanced Safety Equipment. Advanced Safety Equipment includes those tools and technologies installed on trucks that help to prevent crashes and unsafe driving behaviors. The Advanced Safety Equipment tools and technologies evaluated in this survey are:

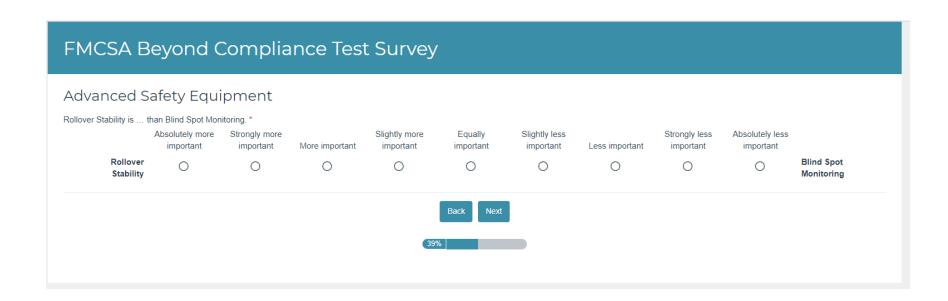
- · Rollover Stability;
- · Collision Avoidance;
- · Lane Departure Warning;
- · Video-Based Safety; and
- · Blind Spot Monitoring.

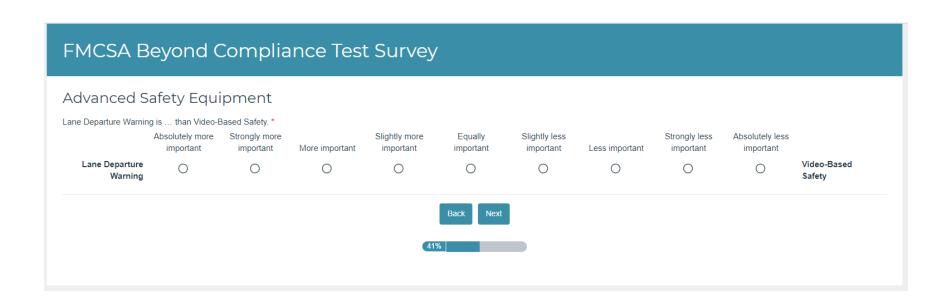


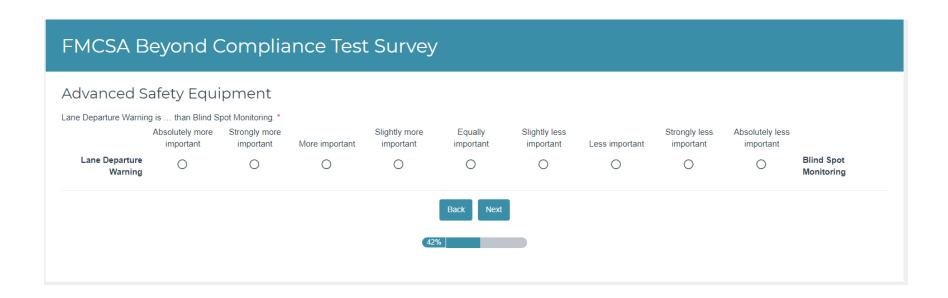


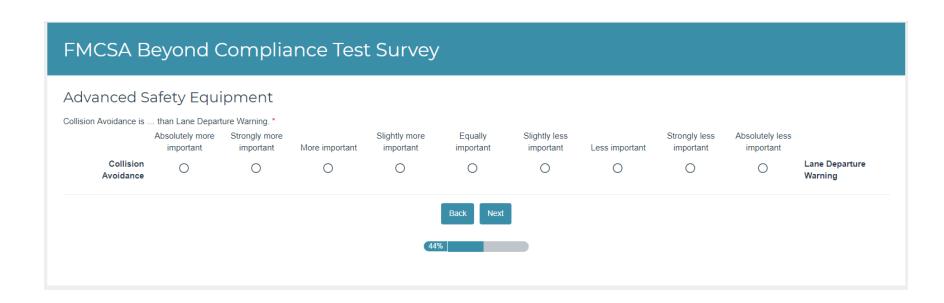


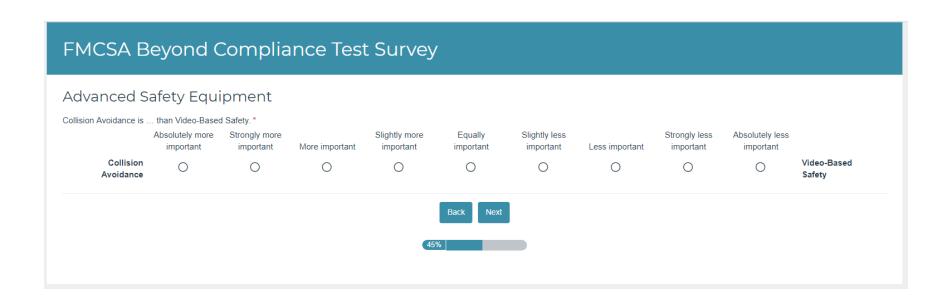


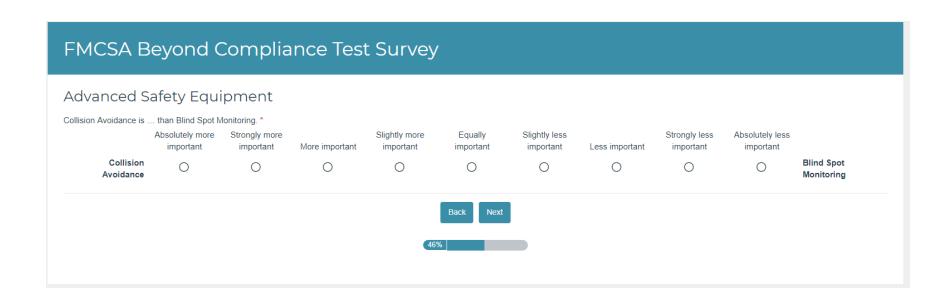






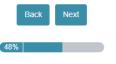


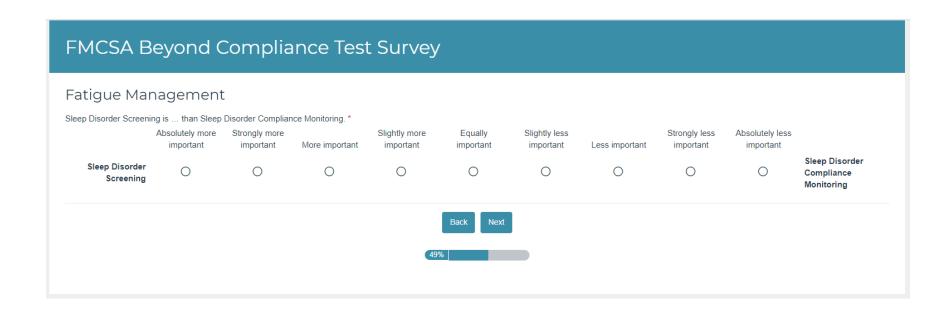


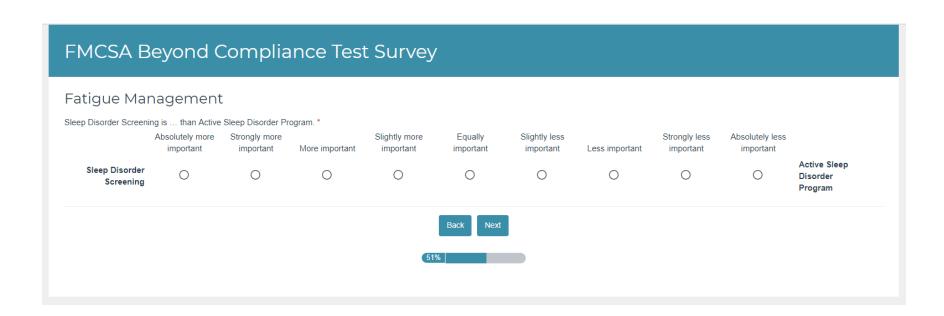


This series of comparisons looks at Fatigue Management strategies. Fatigue Management strategies includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver being fatigued. The Fatigue Management strategies evaluated in this survey are:

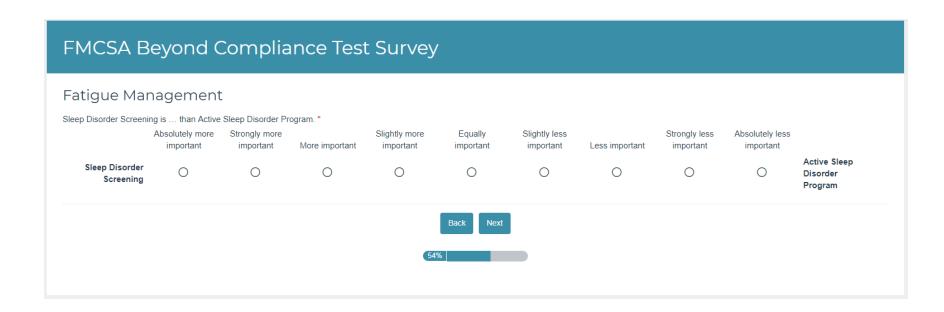
- · Sleep Disorder Screening;
- · Sleep Compliance Monitoring;
- · Active Sleep Disorder Program; and
- Internally Modified Hours-of-Service for Daytime and Nighttime Driving.



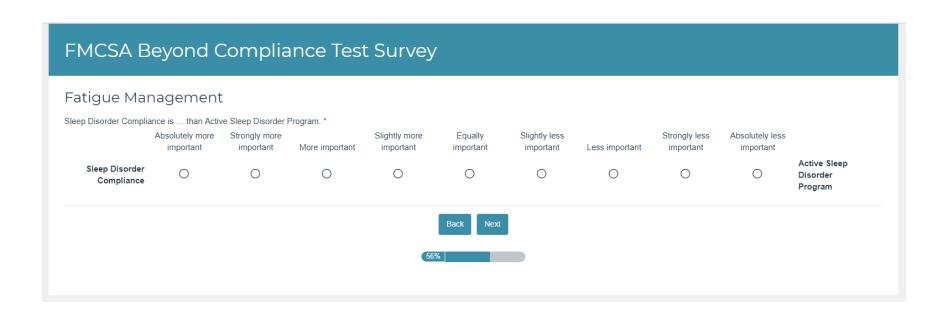




FMCSA Beyond Compliance Test Survey Fatigue Management Sleep Disorder Screening is ... than Internally Modified Hours-of-Service Rules for Daytime and Nighttime Driving. * Absolutely more Strongly more Slightly more Equally Slightly less Absolutely less Strongly less More important important important important important important Less important important important Internally Modified Hours-of-Sleep Disorder 0 \circ 0 0 0 0 0 0 0 Service Rules Screening for Daytime and Nighttime Driving



FMCSA Beyond Compliance Test Survey Fatigue Management Sleep Disorder Screening is ... than Internally Modified Hours-of-Service Rules for Daytime and Nighttime Driving.* Absolutely more Strongly more Slightly more Equally Slightly less Strongly less Absolutely less More important important important important important important Less important important important Internally Modified Hours-of-Sleep Disorder 0 \circ 0 0 0 0 Service Rules Screening for Daytime and Nighttime Driving



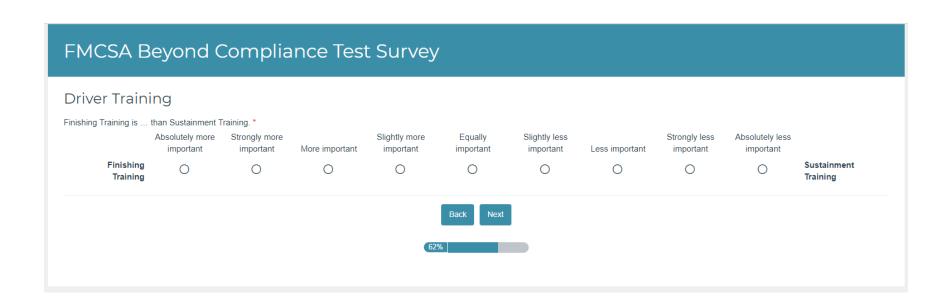
| FMCSA Beyond Compliance Test Survey | | | | | | | | | | |
|--|---------------------------|----------------------------|----------------------|----------------------------|--------------------|----------------------------|----------------|----------------------------|---------------------------|--|
| Fatigue Ma | nagement | : | | | | | | | | |
| Sleep Disorder Compli | iance Monitoring is | . than Internally M | odified Hours-of-Ser | vice Rules for Dayti | me and Nighttime I | Oriving. * | | | | |
| | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | than Internally Modified Hours-of- Service Rules for Daytime and Nighttime Driving |
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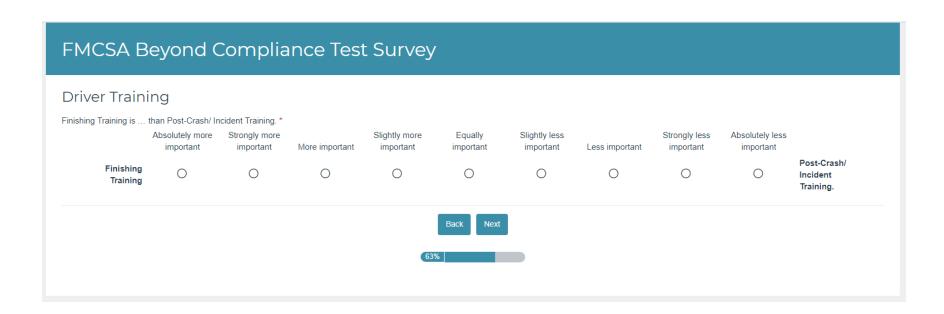
FMCSA Beyond Compliance Test Survey Fatigue Management Active Sleep Disorder Program is ... than Internally Modified Hours-of-Service Rules for Daytime and Nighttime Driving. * Slightly more Absolutely more Strongly more Equally Slightly less Strongly less Absolutely less important important More important important important important Less important important important Internally Modified Active Sleep Hours-of-0 0 0 0 0 0 0 0 Disorder Service Rules Program for Daytime and Nighttime Driving

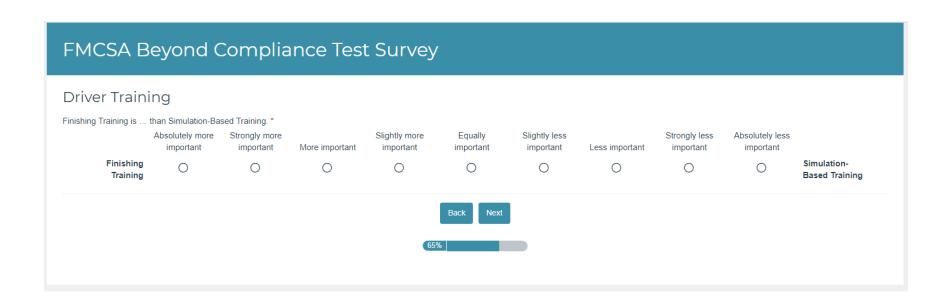
This series of comparisons looks at Driver Training strategies. Driver Training strategies includes those policies and practices that help to prevent crashes and unsafe driving behaviors that may result from a driver lacking the skills and knowledge to operate safely. The Driver Training strategies evaluated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

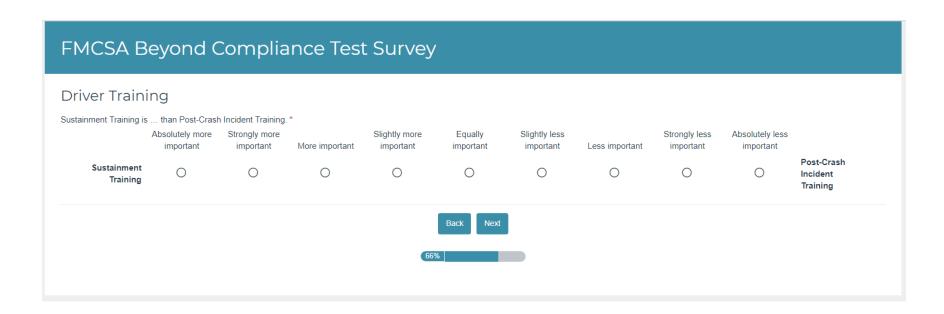
- Finishing Training;
- · Sustainment Training;
- · Post-Crash/ Incident Training; and
- · Simulation-Based Training.







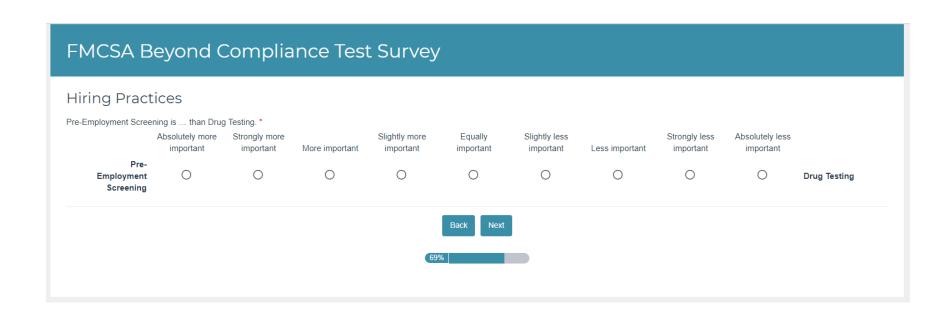


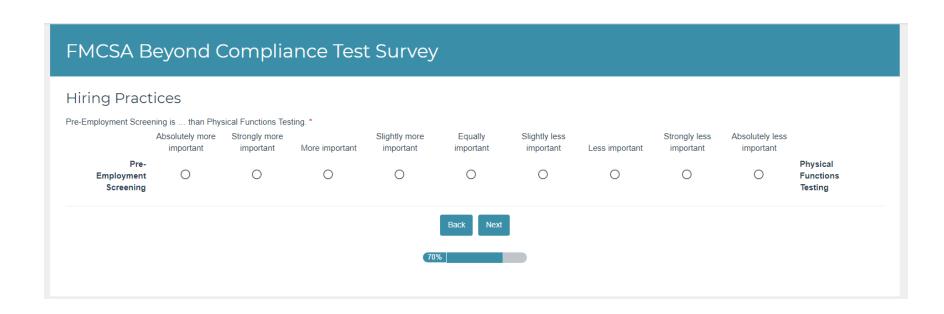


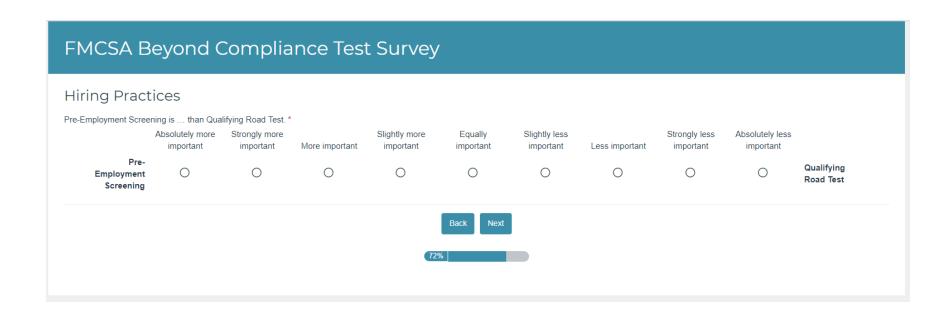
This series of comparisons looks at Hiring Practices and their importance for achieving safe operations. Specifically, these comparisons look at those Hiring Practices that limit the potential for crashes and unsafe driving behaviors that may result from hiring a bad driver. The Hiring Practices evaluated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

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

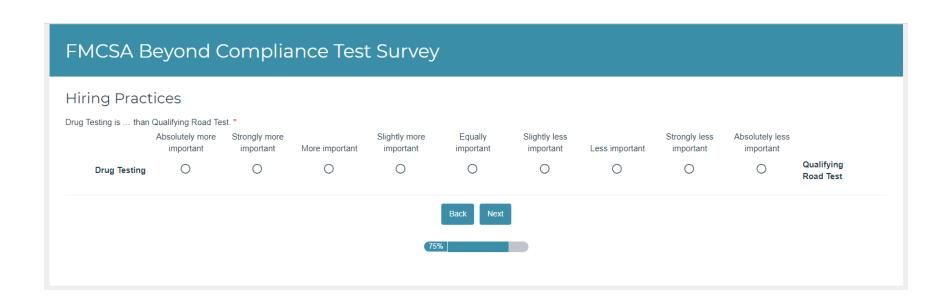


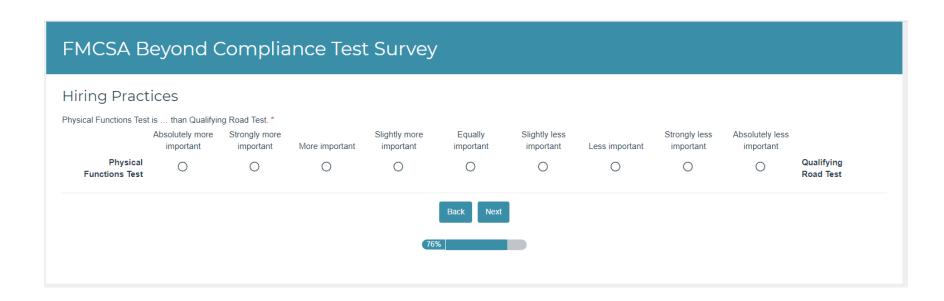






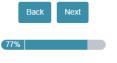






This series of comparisons looks at Data Analytics strategies. Data Analytics strategies includes those tools, technologies, and practices that help to prevent crashes and unsafe driving behaviors by analyzing data on driver operations. The Data Analytics strategies evaluated in this survey are:

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

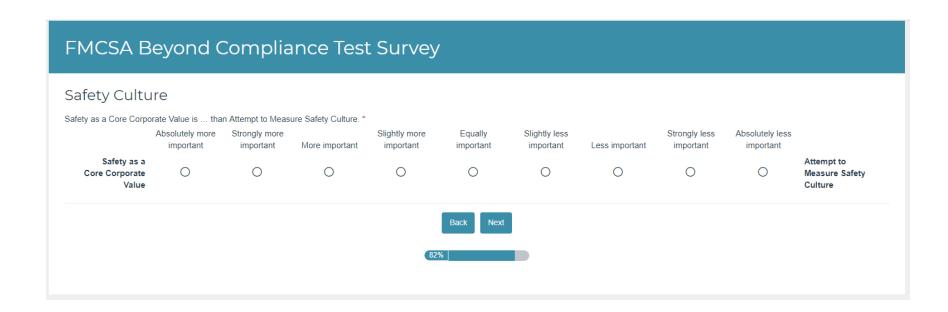


FMCSA Beyond Compliance Test Survey Data Analytics Predictive Analytics for Safety Performance is ... than Data Driven Risk Assessment. * Absolutely more Strongly more Slightly more Equally Slightly less Strongly less Absolutely less important important More important important important important Less important important important Predictive Data Driven Analytics for 0 0 0 0 0 0 0 Risk Safety Assessment Performance

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:

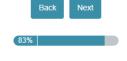
- Safety as a Core Corporate Value; and
- · Attempt to Measure Safety Culture.

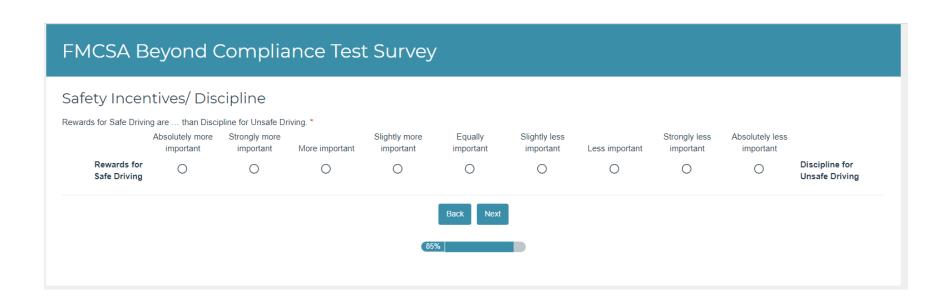




This series of comparisons looks at Safety Incentives and Discipline and its impact on safety. Safety Incentives and Discipline strategies includes those policies and practices that help to prevent crashes that may result from a driver engaging in unsafe driving behaviors. The Safety Incentives and Discipline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

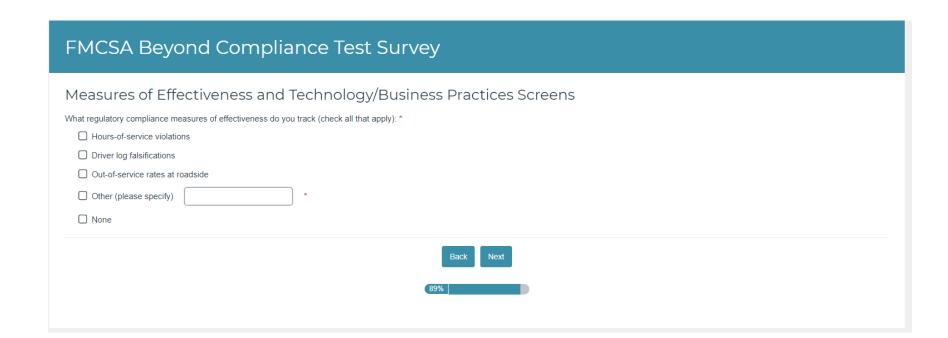
- · Rewards for Safe Driving; and
- Discipline for Unsafe Driving.

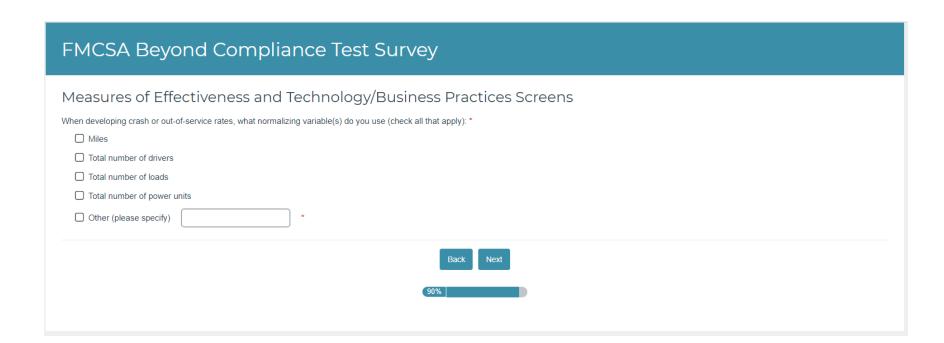




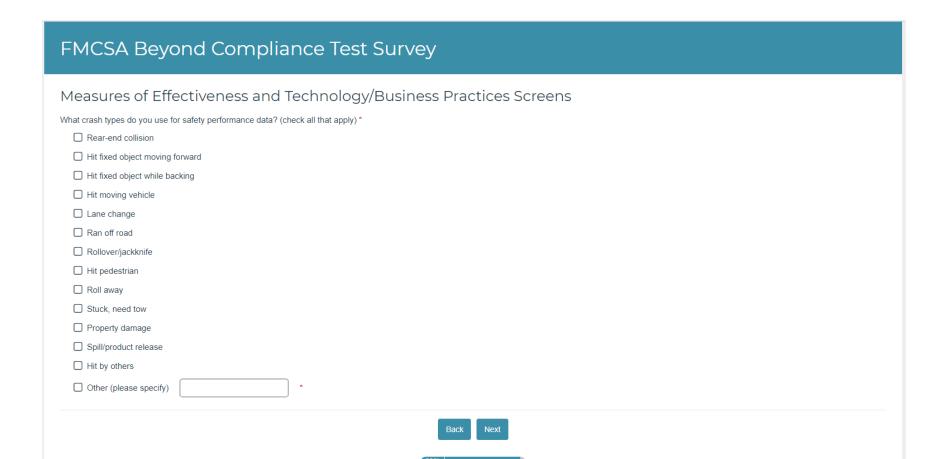
FMCSA Beyond Compliance Test Survey This next portion of the survey includes questions on what measures of effectiveness carriers use to determine safety performance and regulatory compliance. Based on those measures of effectiveness, the survey includes questions on which technologies and business practices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

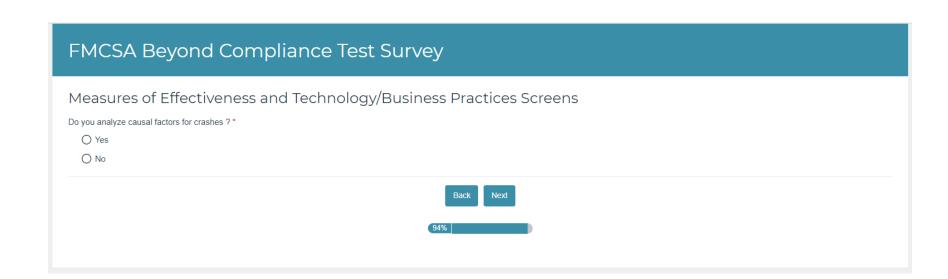
FMCSA Beyond Compliance Test Survey Measures of Effectiveness and Technology/Business Practices Screens What safely measures of effectiveness do you track (check all that apply): * | Crash rates | Preventable crash rates | DOT Recordable crash rates | Preventable DOT Recordable crash rates | Critical events (e.g., hard braking, aggressive driving, speeding, motorist complaint calls, etc.) | Other (please specify) | * | None | Back | Next

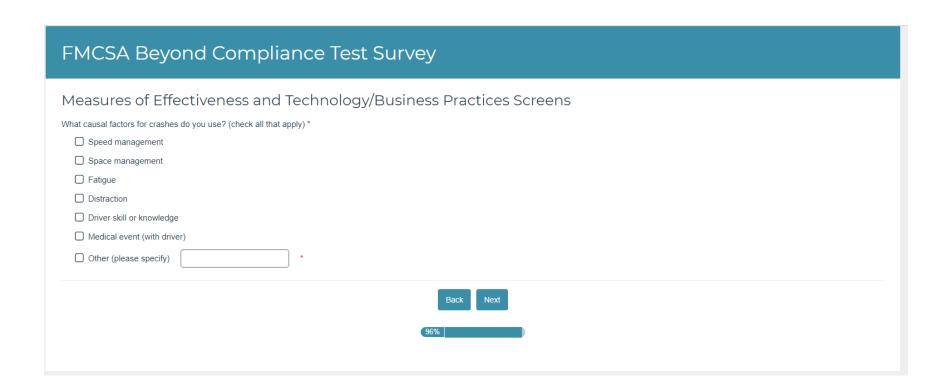












| Measures of Effectiveness and Technology/Business Practices Screens |
|--|
| What technology investments have you made and/or business practices implemented to improve performance as reflected by measures of regulatory compliance (i.e., hours-of-service violations, driver log falsifications, or out-of-service 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 |
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Thank You! Thank you for taking our survey. Your response is very important to us.