





May 2013

# Crash intensity by state



These rankings are based on analysis by *Overdrive* and *Commercial Carrier Journal*, working with Rig-Dig Business Intelligence (rigdig.com/bi), of federally reportable truck-involved crash data for 2010-2012. The crashes are measured against lane-miles of National Highway System roadway within each state's borders.

# Truck-involved accidents per 10 lane-miles

#### **New Jersey**

12 crashes/10 lane-miles

Total fatalities: **165**Total injuries: **7,950** 

Tow-away-only crashes: 55% of total

# **Indiana**

10 crashes/10 lane-miles

Total fatalities: **355**Total injuries: **5,249** 

Tow-away-only crashes: **62% of total** 

#### **Pennsylvania**

7 crashes/10 lane-miles

Total fatalities: **439**Total injuries: **10,184** 

Tow-away-only crashes: 49% of total

#### Louisiana

7 crashes/10 lane-miles

Total fatalities: 233
Total injuries: 6,234

Tow-away-only crashes: 42% of total

#### **Delaware**

7 crashes/10 lane-miles

Total fatalities: **24**Total injuries: **580** 

Tow-away-only crashes: 58% of total

#### Kentucky

7 crashes/10 lane-miles

Total fatalities: **216**Total injuries: **3,665** 

Tow-away-only crashes: 62% of total

# **Maryland**

6 crashes/10 lane-miles

Total fatalities: **127**Total injuries: **2,450** 

Tow-away-only crashes: 39% of total

#### Georgia

6 crashes/10 lane-miles

Total fatalities: **388**Total injuries: **5,818** 

Tow-away-only crashes: 62% of total

#### **Virginia**

5 crashes/10 lane-miles

Total fatalities: 222
Total injuries: 4,077

Tow-away-only crashes: 61% of total

#### Alabama

5 crashes/10 lane-miles

Total fatalities: **312**Total injuries: **3,500** 

Tow-away-only crashes: 57% of total

#### Illinois

5 crashes/10 lane-miles

Total fatalities: **253**Total injuries: **5,880** 

Tow-away-only crashes: 61% of total

#### Florida

5 crashes/10 lane-miles

Total fatalities: **450**Total injuries: **8,977** 

Tow-away-only crashes: 34% of total



#### **Rhode Island**

5 crashes/10 lane-miles

Total fatalities: **13**Total injuries: **401** 

Tow-away-only crashes: 48% of total

#### Arizona

5 crashes/10 lane-miles

Total fatalities: **210**Total injuries: **548** 

Tow-away-only crashes: 90% of total

#### Massachusetts

5 crashes/10 lane-miles

Total fatalities: **57**Total injuries: **2,170** 

Tow-away-only crashes: **56% of total** 

#### **New York**

5 crashes/10 lane-miles

Total fatalities: **336**Total injuries: **7,118** 

Tow-away-only crashes: 48% of total

#### Connecticut

5 crashes/10 lane-miles

Total fatalities: **49**Total injuries: **585** 

Tow-away-only crashes: 73% of total

### **Tennessee**

5 crashes/10 lane-miles

Total fatalities: **256**Total injuries: **3,704** 

Tow-away-only crashes: **59% of total** 

#### **Arkansas**

5 crashes/10 lane-miles

Total fatalities: **204**Total injuries: **2,062** 

Tow-away-only crashes: 62% of total

#### **North Carolina**

5 crashes/10 lane-miles

Total fatalities: **234**Total injuries: **5,006** 

Tow-away-only crashes: **52% of total** 

#### Maine

5 crashes/10 lane-miles

Total fatalities: **42**Total injuries: **989** 

Tow-away-only crashes: 52% of total

#### **West Virginia**

4 crashes/10 lane-miles

Total fatalities: 123
Total injuries: 1,408

Tow-away-only crashes: **59% of total** 

#### Wisconsin

4 crashes/10 lane-miles

Total fatalities: 192
Total injuries: 2,668

Tow-away-only crashes: **65% of total** 

#### California

4 crashes/10 lane-miles

Total fatalities: **453**Total injuries: **6,924** 

Tow-away-only crashes: 62% of total

#### **Minnesota**

4 crashes/10 lane-miles

Total fatalities: **206**Total injuries: **2,361** 

Tow-away-only crashes: 65% of total

#### Colorado

4 crashes/10 lane-miles

Total fatalities: **173**Total injuries: **915** 

Tow-away-only crashes: 83% of total

#### Iowa

4 crashes/10 lane-miles

Total fatalities: 192
Total injuries: 2,298

Tow-away-only crashes: 58% of total

### **South Carolina**

4 crashes/10 lane-miles

Total fatalities: **163**Total injuries: **2,341** 

Tow-away-only crashes: 54% of total

#### **Texas**

4 crashes/10 lane-miles

Total fatalities: **758**Total injuries: **10,586** 

Tow-away-only crashes: 58% of total

#### Washington

4 crashes/10 lane-miles

Total fatalities: **107**Total injuries: **503** 

Tow-away-only crashes: 87% of total

#### Ohio

4 crashes/10 lane-miles

Total fatalities: **158**Total injuries: **3,290** 

Tow-away-only crashes: **60% of total** 

#### **New Hampshire**

4 crashes/10 lane-miles

Total fatalities: 19
Total injuries: 353

Tow-away-only crashes: 67% of total

#### Kansas

4 crashes/10 lane-miles

Total fatalities: **182**Total injuries: **3,744** 

Tow-away-only crashes: 68% of total

#### Missouri

3 crashes/10 lane-miles

Total fatalities: 116
Total injuries: 2,242

Tow-away-only crashes: 68% of total

#### Nebraska

3 crashes/10 lane-miles

Total fatalities: 121
Total injuries: 1,400

Tow-away-only crashes: 58% of total

#### Oklahoma

3 crashes/10 lane-miles

Total fatalities: 122
Total injuries: 1,773

Tow-away-only crashes: 57% of total

#### **Wyoming**

3 crashes/10 lane-miles

Total fatalities: **81**Total injuries: **748** 

Tow-away-only crashes: 73% of total

#### Oregon

3 crashes/10 lane-miles

Total fatalities: 118
Total injuries: 1,175

Tow-away-only crashes: 67% of total

#### Mississippi

3 crashes/10 lane-miles

Total fatalities: **167**Total injuries: **1,739** 

Tow-away-only crashes: **52% of total** 

#### **Michigan**

3 crashes/10 lane-miles

Total fatalities: 80

Total injuries: 4,267

Tow-away-only crashes: 69% of total

#### Vermont

3 crashes/10 lane-miles

Total fatalities: 20 Total injuries: 230

Tow-away-only crashes: 61% of total

#### Idaho

2 crashes/10 lane-miles

Total fatalities: 51 Total injuries: 732

Tow-away-only crashes: 65% of total

#### Utah

2 crashes/10 lane-miles

Total fatalities: 36 Total injuries: 606

Tow-away-only crashes: 73% of total

#### **North Dakota**

2 crashes/10 lane-miles

Total fatalities: 80 Total injuries: 1,103

Tow-away-only crashes: 45% of total

#### **New Mexico**

2 crashes/10 lane-miles

Total fatalities: 133 Total injuries: 783

Tow-away-only crashes: 70% of total

#### Nevada

2 crashes/10 lane-miles

Total fatalities: 50 Total injuries: 579

Tow-away-only crashes: 62% of total

#### Montana

2 crashes/10 lane-miles

Total fatalities: 60 Total injuries: 644

Tow-away-only crashes: 69% of total

#### **South Dakota**

1 crash/10 lane-miles

Total fatalities: 32 Total injuries: 121

Tow-away-only crashes: 86% of total

# **Truck-involved fatal accidents** per 100 lane-miles

Indiana 3.4

Alabama 2.6

Louisiana 2.5

Florida 2.4

Arkansas 2.3

Pennsylvania 2.3

West Virginia 2.2

Arizona 2.0

Kentucky 2.0

Georgia 1.9

Maryland 1.9

Tennessee 1.9

lowa 1.8

New Jersey 1.8

Delaware 1.7

Kansas **1.7** 

New York 1.7 South Carolina 1.7

Minnesota 1.6

Mississippi 1.6

North Carolina 1.6

Colorado 1.5

Texas **1.5** 

Virginia 1.5

California 1.4

Nebraska 1.4

Wisconsin 1.4

Connecticut 1.3

New Mexico 1.3

Illinois 1.2

Maine **1.2** 

Rhode Island 1.2

North Dakota 1.1

Oregon 1.1

Oklahoma 1

Washington 1

Wyoming 1

Ohio 0.9

Vermont **0.9** 

Idaho O.8

Massachusetts 0.8

Nevada 0.8 New Hampshire 0.8

Missouri 0.7

Montana 0.6

Michigan 0.5

Utah 0.5

South Dakota 0.4

# Truck-involved accidents with injuries per 100 lane-miles

New Jersev 85

Louisiana 68

Pennsylvania 54

Indiana 50

Florida 48

Delaware 42

Rhode Island 38

Maryland 37

New York 37

Kentucky 34

North Carolina 34

Alabama 29 Georgia 29

Illinois 29

Massachusetts 29

Maine 28

Tennessee 28

Virginia 28

West Virginia 25

Arkansas 24

South Carolina 24

California 21

lowa 21

Texas 20

Wisconsin 20 Ohio 19

Minnesota 18

Mississippi 16

Nebraska 16 Connecticut 15

New Hampshire 15

North Dakota 15

Oklahoma 15

Missouri 14

Kansas 13

Idaho 11

Oregon 11 Vermont 11

Michigan 10

Nevada 10

Wvoming 10

Colorado 8

New Mexico 8

Utah 8

Montana 6

Arizona 5

Washington 5

South Dakota 2





March 2013

# Top states by violation types

These lists rank the contiguous states by the violation category's highest to lowest share of total violations issued within the state during the first two years of the Compliance Safety Accountability program.

# **MOVING VIOLATIONS\***

Delaware 29.6%

Indiana 29%

Oklahoma 22.6%

Massachusetts 22.4%

Illinois 19.4%

Nebraska 18.2%

Michigan 18.1%

North Dakota 17.8%

lowa 17.1%

Tennessee 17%

South Carolina 16.8%

West Virginia 15.8%

Washington 14.2%

Louisiana 13.9%

South Dakota 12.6%

New Mexico 11.9%

Idaho 11.4%

New Hampshire 11.2%

Arkansas 10.6% Minnesota 10.5%

Florida 10%

Vermont 9.8%

Colorado 9%

Wisconsin 9%

Alabama 8.8%

Kansas 8.4%

North Carolina 8.3%

Ohio 7.5%

Wyoming **7.5%** 

California 7.4%

Nevada 7.3%

Georgia **7.2%** 

Pennsylvania 6.6%

Maine **6.5%** 

Maryland 6.3%

Kentucky 6.2%

Utah 5.9%

Connecticut 5.9%

Montana 5%

Texas 4.9%

Rhode Island 4.8%

New York 4%

Oregon 3.6%

Arizona 3.3%

New Jersey 3.1%

Virginia 2.9%

Missouri 2.6%

Mississippi 1.4%

\*These violations contribute to carriers' Unsafe Driving BASIC measures under CSA.

# **HOURS OF** SERVICE VIOLATIONS

Montana 23.5%

Oregon 22.4%

Wyoming 20.4%

Utah 18.5%

South Dakota 17.4%

New Mexico 17.3%

Mississippi 16.1%

Georgia 16.1%

Vermont 16.1%

Arizona 15.9%

Arkansas 15.6%

Maine 15.6%

lowa 15.6%

Alabama 14.8%

Kansas 14.6%

North Dakota 14.6%

Indiana 14%

Nevada 13.6%

Idaho 12.2%

Nebraska 10.9%

Missouri 10.1%

Connecticut 10.1%

New York 10%

Wisconsin 10%

Tennessee 9.9%

North Carolina 9.8%

Pennsylvania 9.7%

Washington 9.3%

Minnesota 8.9%

Delaware 8.8%

Massachusetts 8.5%

Virginia 8.1%

Illinois **7.7%** 

Kentucky 7.6% New Hampshire 7.4%

Florida 7%

Maryland 7%

New Jersey 6.9%

Ohio 6.7%

Oklahoma 6.6%

South Carolina 6.3%

Colorado 6.2%

Louisiana 5.8%

Michigan 5.6%

West Virginia 5.4% California 4.4%

Texas 3.4%

Rhode Island 2.8%

# **MAINTENANCE VIOLATIONS**

#### National average: 71%

Texas **84.5%** 

Virginia 78.5%

Ohio 78.5%

Mississippi 75.6%

California 73.7%

Wisconsin 73.3%

New York 73.2%

Maryland **71.1%** 

Missouri **70.4%** 

Rhode Island 70.1%

Colorado **69.1%** 

Kentucky 68.8%

North Carolina 68.8% Connecticut 68.6%

Florida **68.6%** 

West Virginia	68.2%	Maine	18.9%	New York	21.3%	Montana	8.4%
Arizona	67.7%	Maryland	17.8%	West Virginia	21.3%	North Carolina	8.4%
Pennsylvania	67.4%	Nebraska	17.6%	Georgia	20.4%	Oregon	8.2%
Georgia	67%	New York	17.4%	South Carolina	20.3%	Delaware	8.1%
Alabama	67%	Louisiana	17.4%	Wisconsin	20.1%	New Mexico	<b>7</b> %
Maine	66.8%	Utah	17%	New Jersey	20.1%	Kentucky	6.9%
South Carolina	66.7%	Connecticut	16.6%	Michigan	19.6%	Virginia	6.8%
Louisiana	66.4%	Colorado	15.9%	Nevada	19.1%	New York	<b>6.7</b> %
New Jerse	65.5%	Arizona	15.9%	Rhode Island	18.9%	Maryland	6.7%
Minnesota	65.2%	South Carolina	15.6%	Missouri	18.8%	Maine	6.6%
Kansas	<b>65</b> %	Montana	15.3%	Arkansas	18.7%	South Carolina	6.5%
Idaho	64.9%	North Dakota	15.2%	lowa	8.5%	West Virginia	6.3%
Arkansas	64.8%	New Hampshire	15.1%	Connecticut	18.2%	New Hampshire	6%
Oregon	63.2%	Washington	14.6%	Minnesota	18.1%	Mississippi	5.9%
Montana	63.1%	Illinois	13.9%	Vermont	17.1%	Tennessee	<b>5.7</b> %
New Hampshire	62.7%	Tennessee	13.6%	Idaho	17%	Louisiana	<b>5.7</b> %
Utah	61.6%	Arkansas	13.5%	Kentucky	17%	Arkansas	5.6%
Nevada	60.6%	Vermont	13.4%	Arizona	16.6%	Nevada	5.5%
Michigan	<b>59.6</b> %	Indiana	12.4%	New Mexico	15.7%	Georgia	5.5%
lowa	<b>59.6</b> %	North Carolina	12.2%	South Dakota	14.7%	Kansas	5.3%
Nebraska	<b>59.4</b> %	Michigan	11.9%	Illinois	14.6%	South Dakota	<b>5.1%</b>
Washington	<b>59.3</b> %	Minnesota	11.6%	Pennsylvania	14.4%	Illinois	<b>5.1%</b>
Vermont	58.3%	Georgia	11.6%	Delaware	14.3%	Utah	5%
Tennessee	<b>57.5</b> %	Iowa	10%	Oregon	14.3%	Minnesota	5%
Wyoming	<b>57.5</b> %	Delaware	9.8%	Colorado	13.8%	Arizona	4.9%
South Dakota	56.9%	West Virginia	9.6%	Washington	13.6%	Wisconsin	4.8%
Oklahoma	55.3%	Kansas	9.3%	Oklahoma	13.4%	Pennsylvania	4.6%
Illinois	55.1%	South Dakota	8.9%	Utah	13%	Vermont	4.5%
New Mexico	<b>51.7%</b>	New Jersey	8.4%	Montana	12.6%	Oklahoma	4.5%
North Dakota	50.2%	Rhode Island	7.8%	Louisiana	12.1%	New Jersey	4.4%
Delaware	48.4%	Florida	7.8%	Wyoming	12%	North Dakota	4.3%
Indiana	43.4%	New Mexico	7.7%	New Hampshire	11.5%	Rhode Island	4.1%
Massachusetts	43.4%	Oklahoma	<b>7</b> %	Maine	11.2%	Colorado	4%
		Nevada	6.7%	North Dakota	10.4%	Nebraska	4%
BRAKE VIO	LATIONS	Massachusetts	6.1%	California	10.3%	Indiana	3.9%
National ave	rage: 17%	Alabama	4.9%	Nebraska	10%	Connecticut	3.8%
Virginia	30%			Massachusetts	9.8%	Wisconsin	3.8%
Missouri	25.5%	LIGHT VIO	LATIONS	Indiana	9.1%	Wyoming	3.5%
California	23.6%	National ave	rage: 19%	Tennessee	8.7%	lowa	3.2%
Texas	20.8%	Ohio	31.8%			Massachusetts	3%
Wisconsin	20.7%	Florida	24.6%	TIRE VIOL		Idaho	3%
Wyoming	20.6%	North Carolina	24.3%	National ave	rage: 7%	Michigan	3%
Idaho	20.6%	Virginia	23.8%	California	10.5%	SOURCE: RigDi	a Business
Ohio	20.3%	Mississippi	23.8%	Texas	9.9%	Intelligence (rigdig	.com/bi, 866-
Pennsylvania	20.1%	Alabama	22.8%	Alabama	9.1%	237-7788) data rep years following the	-
	10.00/	17	04 E0/		O =0/	,	

Kansas **21.7%** 

Texas **21.5%** 

Maryland **21.4%** 

Oregon 19.9%

Mississippi 19.5%

Kentucky 19.2%

SOURCE: RigDig Business Intelligence (rigdig.com/bi, 866-237-7788) data representing two years following the advent of the CSA program in December 2010. List excludes Alaska, Hawaii and the District of Columbia.

Florida **8.7%** 

Missouri 8.6%

Ohio 8.7%





March 2013

# State inspection intensity

State rankings for overall inspection intensity are based on two measurements:

 Total truck and driver inspections performed over the first two years of the

Compliance Safety Accountability program from December 2010 to December 2012.

■ Total lane-miles of National Highway System

roadway within each state.

Percentages indicate violation priorities: that type of violation as a share of the total issued in that state.

**BLUE:** More than 60 percent of inspections conducted at roadside **RED:** More than 60 percent of inspections conducted at a fixed location

# Maryland:

32 inspections/lane-mile Lights 21%

Brakes 18%

Observed vehicle defects 11%

Tires **7%** 

No/defective/unsecured

emergency equipment 6%

Medical certificate 4%

#### California:

23 inspections/lane-mile

Brakes 24%

Observed vehicle defects 20%

Tires 11%

Lights 10%

Hours of service 2%

Logs not current 1%

#### **Kentucky:**

20 inspections/lane-mile

Brakes 19%

Lights 17%

Observed vehicle defects 12%

Tires 7%

Hours of service 4%

Medical certificate 4%

#### **Arizona:**

19 inspections/lane-mile

Lights 17%

Observed vehicle defects 15%

Brakes 14%

Hours of service 11% English-language violations 5%

Tires 5%

#### Texas:

19 inspections/lane-mile

Lights 22%

Brakes 21%

Observed vehicle defects 14%

Tires 10%

Windshield 5%

English-language violations 4%

#### Washington:

18 inspections/lane-mile

Brakes 15%

Lights 14%

Observed vehicle defects 12%

Hours of service 5%

Tires 5%

No/defective/unsecured

emergency equipment 3%

#### **New Mexico:**

18 inspections/lane-mile

Lights **16%** 

Hours of service 13%

Observed vehicle defects 10%

Brakes 8%

Tires **7%** 

Speeding 7%

#### **Indiana**:

17 inspections/lane-mile

Speeding 14%

Brakes 12%

Lights 9%

Observed vehicle defects 8%

Hours of service 7%

Logs not current/no logbook 6%

#### Mississippi:

13 inspections/lane-mile

Lights 24%

Brakes 20%

Observed vehicle defects 11%

Hours of service 10%

Tires 6%

Logs not current/no logbook 6%

#### Missouri:

12 inspections/lane-mile

Brakes 26%

Lights 19%

Tires 9%

Hours of service 7%

Observed vehicle defects 6%

No/defective/unsecured

emergency equipment 3%

#### **New York**

11 inspections/lane-mile

Lights **21%** 

Brakes **17%** 

Observed vehicle defects 13%

Hours of service	8%	Connecticut	
Tires	7%	10 inspections/lane-	mile
No/defective/unsecured		Lights	
emergency equipment	5%	Brakes	
emergency equipment	- 70	Observed vehicle defects	
		Hours of service	7%
Pennsylvania		No/defective/unsecured	1 /0
			4%
11 inspections/lane		emergency equipment Tires	
	20%	lires	4%
	14%		
Observed vehicle defects			
Hours of service		Nevada	
Tires	5%	10 inspections/lane-	
Logs not current/no logbook	4%	Lights	
		Observed vehicle defects	
		Hours of service	
North Carolina		Brakes	
11 inspections/lane	-mile	Logs not current/no logbook	6%
Lights	24%	Tires	6%
Brakes	11%		
Tires	8%		
Observed vehicle defects	8%	Iowa	
Hours of service		10 inspections/lane-	mile
	5%	Lights	
		Observed vehicle defects	
		Hours of service	10%
West Virginia			10%
11 inspections/lane			6%
Lights		Logs not current/no logbook	5%
Observed vehicle defects		Logs not current/no logbook	370
Speeding			
Brakes		Vonce	
Tires		Kansas	
		10 inspections/lane-	
Medical certificate	<b>5</b> %	Lights	
		Observed vehicle defects	
		Hours of servic	
Florida	.,	Brakes	9%
10 inspections/lane		Tires	
	25%	Lack of periodic inspection	<b>5</b> %
Observed vehicle defects			
Tires	9%		
Brakes	8%	Oregon	
No/defective/unsecured		9 inspections/lane-i	mile
emergency equipment	4%	Brakes	20%
Logs not current/no logbook	4%	Hours of service	19%
		Lights	14%
		Tires	8%
Louisiana		Observed vehicle defects	<b>7</b> %
10 inspections/lane	-mile	Load securement	4%
Brakes	18%		
Lights	12%		
Observed vehicle defects		South Carolina	ı
Lack of periodic inspection		9 inspections/lane-i	
	6%	Lights	
Seat belt	4%	Brakes	16%
		Observed vehicle defects	11%
		Tires	
Tennessee		Lack of periodic inspection	
10 inspections/lane	-milo	Hours of service	
	-IIIIIe <b>18%</b>	nours of service	470
	14%		
		B -3	
Lights	フ70	Arkansas	

Tires 6%

Speeding 5%

Logs not current/no logbook 5%

# **Oregon** inspections/lane-mile Brakes 20% Hours of service 19% Lights 14% Tires 8% served vehicle defects 7% Load securement 4% **South Carolina** inspections/lane-mile Lights 20% Brakes 16% served vehicle defects 11% Tires **7%**

# **Arkansas**

9 inspections/lane-mile Lights 19% Brakes 14%

Observed vehicle defects 13% Hours of service 11% Tires 6% Logs not current/no logbook 5%

#### **New Hampshire**

9 inspections/lane-mile Observed vehicle defects 16% Brakes 15% Lights 12% Tires 6% Medical certificate 5% Hours of service 4%

#### **Delaware** 9 inspections/lane-mile

Speeding 17% Lights 14% Brakes 10% Tires 8% Observed vehicle defects 8% Seat belt 7%

#### **Maine**

9 inspections/lane-mile Brakes 19% Observed vehicle defects 15% Hours of service 12% Lights 11% Tires **7%** Logs not current/no logbook 4%

Utah 8 inspections/lane-mile **Brakes** 17% Hours of service 13% Lights 13% Observed vehicle defects 11% Lack of periodic inspection 8% Tires 5%

Ohio 8 inspections/lane-mile Lights 32% Brakes 20% Tires 9% Observed vehicle defects 8% Speeding 5% Hours of service 4%

Georgia 8 inspections/lane-mile Lights 20% Observed vehicle defects 14% Brakes 12% Hours of service 11% Tires 6% Logs not current/no logbook 5%

# **Montana** 7 inspections/lane-mile

Hours of service 18%

Brakes Lights 13%
Observed vehicle defects 7ires 8%
Lack of periodic inspection 6%

# **Nebraska** 7 inspections/lane-mile

Brakes 18%

Observed vehicle defects
Lights
Speeding
Power
Lack of periodic inspection
Hours of service

11%
10%
7%
5%

#### **Vermont**

6 inspections/lane-mile
Lights 17%
Brakes 13%
Hours of service 12%

Observed vehicle defects 12%

Speeding 5% Tires 5%

#### **Michigan**

6 inspections/lane-mile
Lights 20%
Observed vehicle defects 13%

Brakes Speeding 7%
Medical certificate 4%
Lack of periodic inspection 4%

#### **Rhode Island**

6 inspections/lane-mile
Observed vehicle defects
Lights
No/defective/unsecured
emergency equipment
Brakes
Medical certificate
Tires
5%

#### **Minnesota:**

6 inspections/lane-mile
Lights 18%
Observed vehicle defects
Brakes 12%
Tires 5%
Hours of service
No/defective/unsecured
emergency equipment 5%

#### Colorado:

5 inspections/lane-mile
Brakes
Lights
Observed vehicle defects
Lack of periodic inspection
Speeding
No/defective/unsecured
emergency equipment
5%

#### **Illinois:**

5 inspections/lane-mile Lights 15%

Brakes 0bserved vehicle defects Speeding 7%

Tires **5%** Logs not current/no logbook **5%** 

Virginia:

5 inspections/lane-mile

Brakes **30%**Lights **24%**Tires **7%** 

Observed vehicle defects 7%

Hours of service 5%
Logs not current/no logbook 3%

Wyoming:

5 inspections/lane-mile

Brakes 21%
Lights 12%
Hours of service 11%
Observed vehicle defects 9%

Logs not current/no logbook **7%**Speeding **5%** 

#### **Massachusetts:**

5 inspections/lane-mile
Observed vehicle defects
Speeding
Lights
Seat belt
Medical certificate
Brakes
7%

#### Wisconsin:

5 inspections/lane-mile
Brakes 21%
Lights 20%
Observed vehicle defects
Hours of service 8%
Lack of periodic inspection
No/defective/unsecured
emergency equipment 4%

### Oklahoma:

4 inspections/lane-mile
Observed vehicle defects 15%
Lights 13%
Speeding 10%
Brakes 7%
Medical certificate 5%
Tires 5%

# **North Dakota:**

4 inspections/lane-mile
Brakes 15%
Lights 10%
Observed vehicle defects
Hours of service 8%
Logs not current/no logbook
Tires 4%

#### **Idaho**:

3 inspections/lane-mile
Brakes 20%
Lights 17%
Observed vehicle defects
Speeding
Hours of service 7%

Logs not current/no logbook 4%

**SOURCE:** RigDig Business Intelligence (rigdig.com/bi, 866-237-7788) data representing two years following the advent of the CSA program in December 2010. List excludes Alaska, Hawaii and the District of Columbia.