# PROBLEM IDENTIFICATION

FY2011



#### **Prepared by:**

BBC Research & Consulting 3773 Cherry Creek North Drive Suite 850 Denver, Colorado 80209 http://www.bbcresearch.com

#### **Prepared for:**

Pamela Hutton, Chief Engineer and Governor's Highway Safety Representative Colorado Department of Transportation 4201 E. Arkansas Avenue Denver, Colorado 80222 (303) 757-9206

Fax: (303) 757-9659

Email: pam.hutton@dot.state.co.us

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#### **Contact Information:**

This document may be obtained electronically or in print by contacting:

Mike Nugent, Manager
Office of Transportation Safety
Colorado Department of Transportation
4201 E. Arkansas Avenue
Denver, Colorado 80222
(303) 757-9465
Email: mike.nugent@dot.state.co.us

This report may be viewed on the Internet at: http://www.dot.state.co.us



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## SECTION | STATEWIDE PERSPECTIVE

The Colorado Department of Transportation's (CDOT's) Office of Transportation Safety (OTS) retained BBC Research & Consulting (BBC) to prepare the FY2011 Problem Identification Report. The study team would like to gratefully acknowledge the leadership and contributions of the following individuals—without their assistance and leadership this project would not have been possible: Mike Nugent, Carol Gould, Glenn Davis, Rahim Marandi, Kevin Dietrick, Susan Woods, Don Snow, Al Conner, Yakov Moyn and Steve Hooper.

#### **Objective**

The mission of the OTS is to work with traffic safety stakeholders to reduce the number and severity of traffic crashes in Colorado, and the economic and human loss associated with crashes. To achieve this objective, the OTS administers state and federal dollars to a broad range of partners, including law enforcement, local traffic safety coalitions, nonprofit organizations, health and prevention professionals, among others. These partners develop and implement education and enforcement programs targeted at reducing high-risk driving behaviors (e.g., impaired driving) or delivering impactful messaging to high-risk drivers (e.g., teens). In order for the OTS to direct its limited resources in the most effective manner, the OTS conducts an annual analysis of Colorado crashes and traffic safety data—the Problem Identification Report.

The FY2011 Problem Identification Report examines trends in Colorado crash and traffic safety data at the state level, regionally and on a county-by-county basis.

#### **Data Sources**

The following data were used to construct the FY2011 Problem Identification Report:

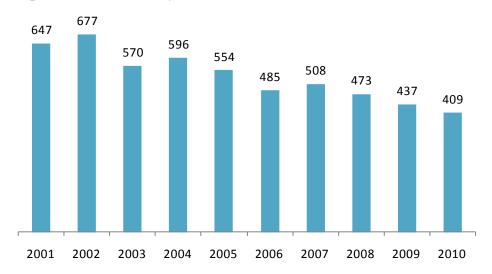
- 2010 Electronic Accident Reporting System (EARS) crash data from the Department of Revenue (DOR);
- DOR's database of Colorado Licensed Drivers in 2010;
- 2010 county population estimates from the Colorado Division of Local Affairs;
- 2010 observational seat belt surveys conducted by the Institute of Transportation
   Management at Colorado State University;
- 2010 enforcement data from the OTS;
- Preliminary 2010 Fatality Analysis Reporting System (FARS) data from the OTS; and
- Economic costs of crashes from the National Safety Council.

#### **Colorado Crash Severity Trends**

In 2010, preliminary FARS data show that Colorado's 409 fatal crashes were the lowest total number of fatal crashes in a decade (shown in Figure 1, below). The 2010 number of fatal crashes is a 6 percent reduction from 2009.

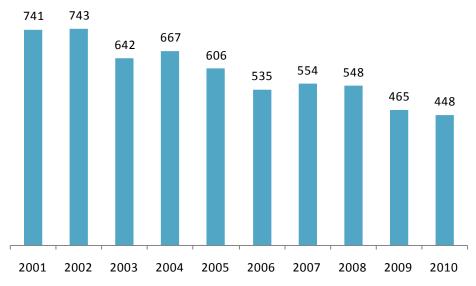
Fatalities on Colorado's roadways have fallen from a high of 743 deaths in 2002 to a record low of 448 in 2010 (shown in Figure 2). From 2009 to 2010, the number of fatalities fell by 4 percent.

Figure 1. Fatal Crashes, 2001-2010



Source: BBC Research & Consulting from FARS data. Data reported for 2010 are preliminary.

Figure 2. Fatalities, 2001-2010



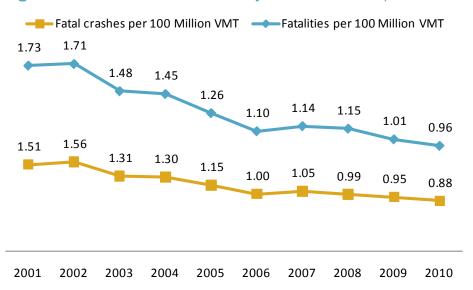
Source: BBC Research & Consulting from FARS data. Data reported for 2010 are preliminary.

Overall since 2002, fatalities and fatal crashes per 100 million Vehicle Miles Traveled (VMT) have declined annually, despite increases in VMT (Figure 3).

A retrospective look at injury crashes is muddied, because the classification of an injury crash

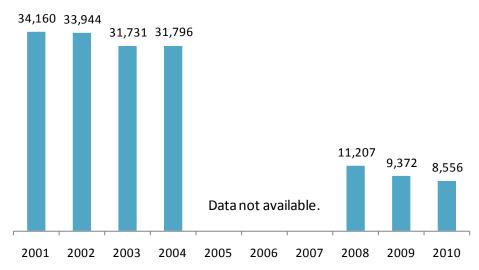
changed in 2005 with the release of a new traffic manual. The data from 2008-2010 are consistent and show a steady decline in the number of injury crashes. From 2009 to 2010, the number of injury crashes in Colorado fell by 9 percent (Figure 4).

Figure 3. Fatalities and Fatal Crashes per 100 Million VMT, 2001-2010



Source: BBC Research & Consulting from FARS data. Figures for 2010 are preliminary.

Figure 4. Injury crashes, 2001-2010

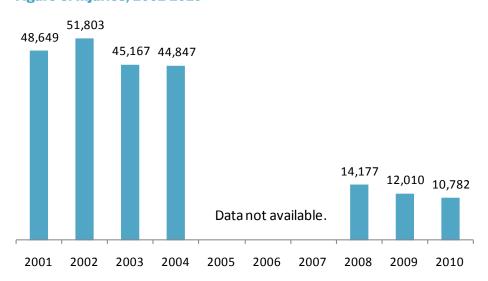


Note: In 2005, the classification of injury crashes changed with the release of a new traffic manual. Source: BBC Research & Consulting from EARS data.

As with examining injury crashes, a historic view is impeded by the change in classification of an injury. The data from 2008-2010 are consistent and indicate that the number of injuries resulting from crashes is declining. From 2009 to 2010, injuries fell by 10 percent (Figure 5).

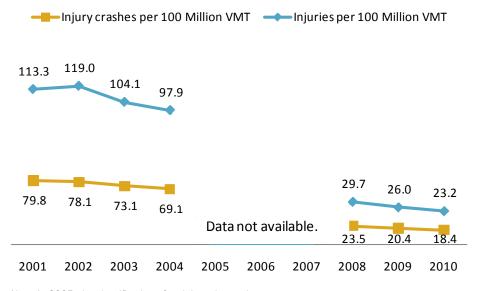
Even with the changes in classifying injuries and injury crashes, the rate of injury crashes and injuries per 100 million VMT have steadily declined since 2002 (Figure 6).

Figure 5. Injuries, 2001-2010



Note: In 2005, the classification of an injury changed. Source: BBC Research & Consulting from EARS data.

Figure 6. Injury Crashes and Injuries per 100 Million VMT, 2001-2010



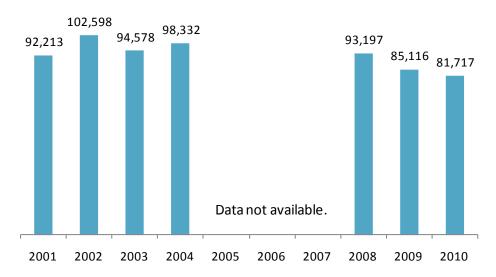
Note: In 2005, the classification of an injury changed. Source: BBC Research & Consulting from EARS data.

Like more severe crashes, property damage-only (PDO) crashes also have shown a decline since 2008. From 2009 to 2010, the number of PDO crashes decreased by 4 percent (Figure 7).

#### **Occupant Protection**

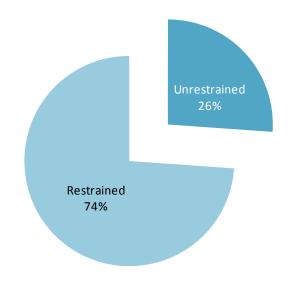
In 2010, 2,815 individuals injured in crashes were unrestrained—or 26% of all those injured in Colorado (Figure 8).

Figure 7. Property Damage-Only Crashes, 2001-2010



Source: BBC Research & Consulting from EARS data.

Figure 8. 2010 Vehicle Occupant Injuries—Restraint Status



Note: n=10,872 injuries.

Source: BBC Research & Consulting from EARS data.

Each year the OTS funds a statistically valid observational survey of occupant protection use statewide. Figure 7 depicts the slow but steady increase in statewide seat belt use from 1990 to 2010. In 2010, seat belt use was 82.9 percent, the highest ever recorded in Colorado.

Historically, drivers and passengers in light trucks have had much lower observed seat belt use than drivers in other passenger vehicles. In 1995, slightly more than one-third of light truck occupants used seat belts, compared to 72.7 percent in 2010 (Figure 10).

Figure 9. Statewide Seat Belt Use, 1990-2010 81.1% 79.2% 77.7% 72.1% 65.2% 59.9% 55.5% 52.0% 50.0% 2000 2002 2003 1991 1992 1993 1994 1995 9661 1997 1998 1999 2001

Source: BBC Research & Consulting from historical data and the 2010 Statewide Seat Belt Survey conducted by the Institute for Transportation Management.

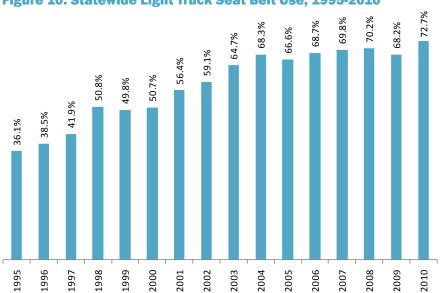


Figure 10. Statewide Light Truck Seat Belt Use, 1995-2010

Source: BBC Research & Consulting from historical data and the 2010 Statewide Seat Belt Survey conducted by the Institute for Transportation Management.

Teen seat belt use—82.2 percent in 2010—is very similar to that of all Colorado drivers and passengers, and exceeds that of juveniles by a considerable margin (Figure 11).

Juvenile seat belt use continues to lag that of adults, although 2010 had the highest observed juvenile seat belt use since the survey began in 1997 (Figure 12).

70.4%
Data not available

2005 2006 2007 2008 2009 2010

Source: BBC Research & Consulting from historical data and the 2010 Statewide Seat Belt Surveyconducted by the Institute for Trans-portation Management.

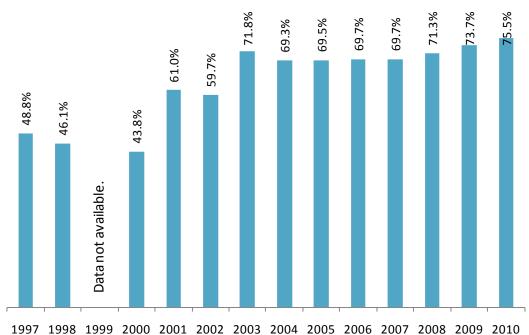


Figure 12. Juvenile (Age 5 to 15) Seat Belt Use, 1997-2010

Source: BBC Research & Consulting from historical data and the 2010 Statewide Seat Belt Survey conducted by the Institute for Transportation Management.

Observed occupant protection device usage—car seats and booster seats—for the youngest children (birth to age 4) declined from 2009 to 2010 although, at 85 percent, this is slightly higher than the historic average of 85 percent (Figure 13).

88.1% 87.2% 86.9% 79.2% %9.67 79.0% Data not available. 2000 2001 2002 2003 2004 2007 2008 2009 1997 1998 1999 2005 2006 2010

Figure 13. Children's (Birth to Age 4) Car Seat and Booster Seat Belt Use, 1997-2010

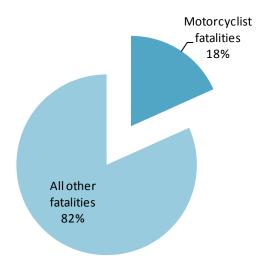
Source: BBC Research & Consulting from historical data and the 2010 Statewide Seat Belt Survey conducted by the Institute for Transportation Management.

## Motorcycles, Bicycles and Pedestrians

In 2010, there were 82 motorcyclist fatalities, comprising nearly 20 percent of total fatalities, as shown in Figure 14. With respect to all those injured in crashes, motorcyclists accounted for 11 percent of total injuries.

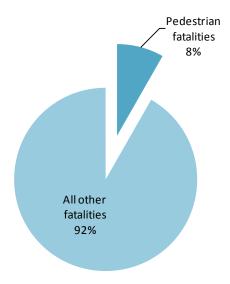
In 2010, seven bicyclists and 37 pedestrians were killed on Colorado's roads. As shown in Figure 15, pedestrians accounted for 8 percent of total fatalities.

Figure 14. 2010 Motorcyclist Fatalities



Source: BBC Research & Consulting from preliminary 2010 FARS data.

Figure 15. 2010 Pedestrian Fatalities



Source: BBC Research & Consulting from preliminary 2010 FARS data.

## APPENDIX B COUNTY DATA SHEETS

This Appendix presents the 2010 Problem Identification results for each of Colorado's 64 counties. The following pages describe each of the measures of traffic safety reported for counties. If you have questions, contact Carol Gould at the Office of Transportation Safety: Carol. Gould@dot.state.co.us or 303-757-9468.



## **EXAMPLE COUNTY**

Rank: Shows where the county ranks in the state with respect to total fatalities.

5th
highest of 64 counties

27 fatal crashes out of 409 statewide
20 fatalities

Fatal crashes: The total number of fatal crashes that occurred within the county in 2010. *Preliminary FARS data.* 

Primary challenges: In this space, the primary traffic safety challenges in the County are briefly discussed.

Fatalities: The total number of fatalities from the county's 2010 fatal crashes. *Preliminary FARS data.* 



## EXAMPLE COUNTY

Impaired driver residence index: Values greater than 1.0 indicate that crash drivers living in the county are more likely to be impaired than the state average. For example, if County X has an index of 3.0, drivers living in County X are 3 times more likely to be impaired than the state average.

Impaired driver crash location index: Examines the scope of alcohol-related crashes that occur in a county and compares each county's rate of alcohol-related crashes to the state average.

Percent of alcohol-related fatal crashes: The percentage of fatal crashes occurring in the county that were alcohol-related. *Preliminary FARS data.* 

#### **IMPAIRED DRIVERS**

impaired driver residence index 35th worst

impaired driver crash location index 14th worst

25% { perce alcohor fatal of 1/4th

percent of alcohol-related fatal crashes

history of impaired driving index 7<sup>th</sup> worst

impaired male age 21-24 index 8<sup>th</sup> worst

80229 80601 80022 80241 80233 80260 80221 80031

impaired driver ZIP codes of residence

Impaired male age 21-24: Male crash drivers age 21-24 have the highest incidence of impaired driving. This index examines the incidence of impaired driving by county residents in this age cohort, compared to the state average for this cohort.

History of impaired driving index: Drivers with a history of impaired driving were 50 times more likely to crash while driving impaired than all other drivers. This index illustrates how the proportion of drivers with a history of impaired driving in each county compares to the statewide proportion of drivers with a history of impaired driving.

Impaired driver ZIP code of residence: This list identifies the ZIP codes where the largest number of impaired crash drivers reside.

#### **ECONOMIC COSTS**



Economic costs: The National Safety Council estimates the economic costs of motor vehicle crashes by the severity of the crash. These costs are calculated for each county. The economic cost of a fatal crash is estimated to be \$1.29 million. A nonfatal disabling injury crash is \$68,000, and a property damage-only crash costs \$8,200.



## **EXAMPLE COUNTY**

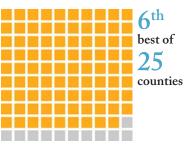
Occupant protection: Each year, a sample of Colorado counties are included in observational surveys of occupant protection use. These graphics depict overall seat belt use in the county: teen seat belt use; juvenile seat belt use (age 5 to 15) and booster/car seat use (age birth to 5).

25%

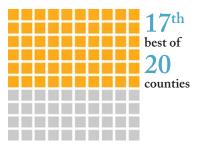
percent of unrestrained injuries

14th worst

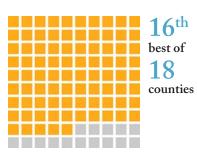
#### **OCCUPANT PROTECTION**



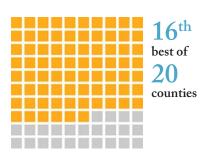




60% juvenile (5-15) seat belt use



85% teen seat belt use

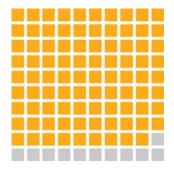


76% kids (0-4) seat belt use

Unrestrained injuries: This measure reports the percentage of injured vehicle occupants who were unrestrained at the time of the crash.

## **EXAMPLE COUNTY**

#### **TEEN DRIVERS**



1% of teens have texting, cell phone, and GDL violations

6<sup>th</sup> worst of 64 counties

Texting, cell phone and GDL violations: This graphic depicts the proportion of resident teen drivers with a history of texting, cell phone or GDL violations on their record.

at-fault teen driver residence index 14<sup>th</sup> worst

impaired teen driver residence index 8<sup>th</sup> worst

80229 80601 80022 80241 80233 80260 80221 80031

at-fault teen driver ZIP codes of residence

Teen driver ZIP code of residence: This index identifies the ZIP codes where the greatest number of teen at-fault drivers resided.

At-fault teen driver residence index: This index compares a county's rate of teen drivers atfault in a crash to the state's rate. Counties with an index greater than 1.0 have teenage drivers that are more likely than teen drivers statewide to be at-fault in a crash.

Impaired teen driver residence index: Values greater than 1.0 indicate that teens living in the county are more likely to be impaired crash drivers than the state average for this age cohort.

#### **OLDER DRIVERS**

drivers age 70-74 index 7<sup>th</sup> worst

drivers age 80-84 index 7th worst

drivers age 75-79 index 8<sup>th</sup> worst

drivers age 85-90+ index 8th worst

Older driver crash indices. Four indices related to older drivers are reported. Each examines the incidence of crash involvement by an age cohort (e.g., 70 to 74) and compares this incidence to the state average. Counties with indices greater than 1.0 have greater than expected older at-fault drivers.

### **EXAMPLE COUNTY**

History of reckless driving index: Drivers with a history of reckless driving or excessive speed are nearly 3 times more likely to be an at-fault crash driver than drivers without a history of reckless driving or excessive speed. When this index exceeds 1.0, the county has a higher proportion of residents with a history of reckless driving and excessive speed than the state as a whole.

Reckless driver residence index: The share of crash drivers cited with reckless driving or excessive speed are compared to the state average. Counties with an index greater than 1.0 have residents that are more likely than expected to be cited with reckless driving in a crash.

#### AT-FAULT DRIVERS

at-fault driver residence index 44<sup>th</sup> worst

At-fault driver residence index: This index examines the per capita involvement of county resident at-fault crash drivers to the state average. Counties with an index greater than 1.0 have residents that are more likely than expected to be involved in a crash.

Crash location index:
This index examines the frequency of crashes occurring in a county and compares this to the state average. The county's driving age population is employed as a proxy for VMT.

crash location index

#### **RECKLESS DRIVERS**

history of reckless driving index 14<sup>th</sup> worst

reckless driver residence index 14<sup>th</sup> worst

#### **MOTORCYCLES**

rider-to-driver crash residence index

crash residence index

Crash residence index: The share of resident motorcyclists in injury crashes are compared to the state average. Counties with an index greater than 1.0 have residents that are more likely than expected to be injured in a motorcycle crash.

Rider-driver-crash residence Index: This index examines whether riders with a motorcycle endorsement living in a county are more likely to be injured in a crash than drivers in a county. If riders and drivers in a county both have the same likelihood of an injury, the index would be 1.0.



## **ADAMS**

highest of 64 counties rank in fatalities

fatal crashes out of 409 statewide

Primary challenges: occupant protection use by juveniles & children; impaired driving; and motorcycle crashes.

#### **IMPAIRED DRIVERS (199 IMPAIRED INJURY CRASHES)**

impaired driver residence index

crash location index **20**<sup>th</sup> worst

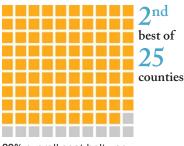
alcohol-related fatal crashes

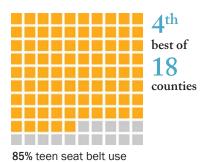
history of impaired driving index

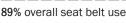
age 21-24 index

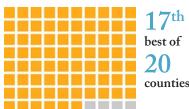
80233 80601 impaired driver 80221 80031 zip codes of 80229 80234 residence 80022 80260

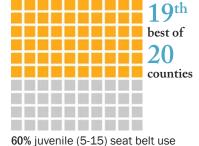
#### **OCCUPANT PROTECTION (259 UNRESTRAINED INJURIES)**

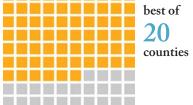












76% kids (0-4) seat belt use

#### **ECONOMIC COSTS**

\$176,140,800 property damage

\$28,008,900 injury costs

\$37,410,000 fatality costs

\$241,559,700 total cost

## **ADAMS COUNTY**

#### **TEEN DRIVERS (99 TEEN INJURY CRASHES)**

at-fault teen drive residence index 16<sup>th</sup> worst

impaired teen driver residence index 31st worst

**0.4%** of teens have texting, cell phone, and GDL violations

45<sup>th</sup> worst of 64 counties

80233 80221 80229 80022 80241 80234 80031 80601 at-fault teen driver zip codes of residence

#### **AT-FAULT DRIVERS (733 INJURY CRASHES)**

at-fault driver residence index 14th worst

1.0 {crash location index 28th worst

#### **OLDER DRIVERS (21 INJURY CRASHES)**

drivers age 70-74 index 23<sup>rd</sup> worst

0.9 drivers age 75-79 index 23<sup>rd</sup> WOrsi

1.3 drivers age 80-84 index 13<sup>th</sup> wors

1.0 { drivers age 85-90+ index 18<sup>th</sup> worst

## OCCUPANT PROTECTION (cont.)

31%

unrestrained percent of injuries 20th worst

## RECKLESS DRIVERS (17 INJURY CRASHES)

 $1 \cdot 0 \begin{cases} \text{history of reckless} \\ \text{driving index} \\ \text{24}^{\text{th}} \text{ worst} \end{cases}$ 

reckless driver residence index 23<sup>th</sup> worst

## MOTORCYCLES (98 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index 15<sup>th</sup> worst

 $\frac{1}{2} \begin{cases} \text{crash residence} \\ \text{index} \\ 5^{\text{th}} \text{ worst} \end{cases}$ 

In 2010, Adams County had the 5th highest number of fatalities out of all Colorado counties, and 7% of the state's alcohol-related fatal crashes occurred in Adams County, the third worst in the state.

Of the counties included in the observational seat belt study, Adams County's results are mixed. Adult seat belt use greatly exceeds that of juveniles and the youngest children. Motorcyclists who reside in Adams County are 20% more likely

to be injured in a crash than motorcyclists statewide.

Adams County's impaired driving challenge is complex. Residents have a 30% higher concentration of drivers with an impaired history than found statewide. Additionally, more impaired driving crashes happen in the County than would be expected given their population.



## ALAMOSA COUNTY

17th
highest of 64 counties
rank in fatalities

fatal crashes
out of 409 statewide

6 fatalities out of 448 statewide

Primary challenges: maintaining recent strides gained toward reducing impaired driving and reducing crashes involving resident drivers age 70-79.

#### **IMPAIRED DRIVERS (5 IMPAIRED INJURY CRASHES)**

impaired driver residence index 46<sup>th</sup> worst

13 impaired driver crash location index 15th worst

percent of alcohol-related fatal crashes 11th worst

1.3 history of impaired driving index 13<sup>th</sup> worst

impaired male age 21-24 index 49<sup>th</sup> worst

81101 impaired driver zip codes of residence

OCCUPANT PROTECTION (11 UNRESTRAINED INJURIES) 26%

unrestrained percent of injuries

35th WOrst

#### TEEN DRIVERS (4 TEEN INJURY CRASHES)

at-fault teen drive residence index 37<sup>th</sup> worst

impaired teen driver residence index 46<sup>th</sup> worst

1.97% of teens have texting, cell phone, and GDL violations

13th worst of 64 counties

80229 80601 80022 80241 80233 80260 80221 80031

at-fault teen driver zip codes of residence

#### **ECONOMIC COSTS**

**\$7,372,000** property damage

\$1,516,500 injury costs

\$7,740,000 fatality costs

\$16,628,500 total cost

### **ALAMOSA COUNTY**

#### **AT-FAULT DRIVERS (34 INJURY CRASHES)**

at-fault driver residence index 5<sup>th</sup> worst

1.3 { crash location index 15<sup>th</sup> worsa

#### **OLDER DRIVERS (1 INJURY CRASH)**

22 drivers age 70-74 index 2nd worst

 $19^{\text{drivers age}\atop 75-79 \text{ index}\atop 4^{\text{th}}\text{ wors}}$ 

drivers age 80-84 index 45<sup>th</sup> wors

 $0.3 \begin{cases} \text{drivers age} \\ \text{85-90+ index} \\ \text{40}^{\text{th}} \text{ wors} \end{cases}$ 

#### RECKLESS DRIVERS (0 RECKLESS INJURY CRASHES)

13 history of reckless driving index 15th worst

## MOTORCYCLES (2 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index 23rd worst

0.6 {crash residence index 14<sup>th</sup> worst

Overall, 3% of the state's alcohol-related fatal crashes occurred in Alamosa County, 11th worst overall. Despite this, Alamosa County has made significant improvements regarding impaired driving compared to prior years. Residents are less likely than the state average to be impaired drivers in a crash, ranking 46th out of 64 on this measure. Remarkably, men ages 21 to 24 are 70% less likely than their peers statewide to be involved as an impaired driver in a crash. Sustaining these gains is important, and other communities could learn from Alamosa County's progress on this issue.

Older drivers from Alamosa County are twice as likely to be involved in a crash than their peers statewide, and Alamosa County ranks 2nd and 4th worst on measures related to drivers age 70-74 and 75-79 respectively.



## ARAPAHOE

highest of 64 counties rank in fatalities

fatal crashes out of 409 statewide

Primary challenges: juvenile and youth occupant protection; teen drivers; motorcyclists; and reducing fatalities on the County's roads.

#### **IMPAIRED DRIVERS (101 IMPAIRED INJURY CRASHES)**

impaired driver residence index impaired driver crash location index

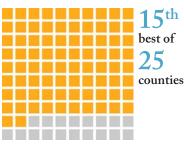
alcohol-related fatal crashes

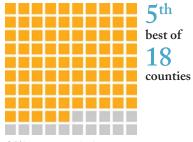
history of impaired driving index

age 21-24 index

80011 80012 impaired driver 80013 80010 zip codes of 80010 80014 residence 80015 80017

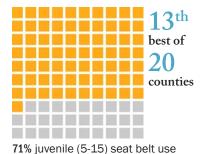
#### **OCCUPANT PROTECTION (271 UNRESTRAINED** INJURIES)

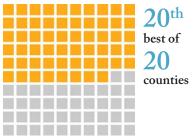






85% teen seat belt use





58% kid (0-4) seat belt use

#### **ECONOMIC COSTS**

\$207,406,800 property damage

\$34,747,500 injury costs

\$24,510,000 fatality costs

\$266,664,300 total cost

### **ARAPAHOE COUNTY**

#### **TEEN DRIVERS (125 TEEN INJURY CRASHES)**

at-fault teen drive residence index 13<sup>th</sup> worst

impaired teen drive residence index 24<sup>th</sup> worst

**0.3%** of teens have texting, cell phone, and GDL violations

49<sup>th</sup> worst of 64 counties

80015 80011 at-fault 80013 80122 teen driver 80016 80010 residence

#### **AT-FAULT DRIVERS (935 INJURY CRASHES)**

at-fault driver residence index 10th worst

crash location index 36th worst

#### **OLDER DRIVERS (57 INJURY CRASHES)**

drivers age 70-74 index 24<sup>th</sup> worst

 $\frac{1}{0} \begin{cases} \text{drivers age} \\ \text{75-79 index} \\ \text{20}^{\text{th}} \text{ wors} \end{cases}$ 

1 • O { drivers age 80-84 index 25<sup>th</sup> worst

1.0 { drivers age 85-90+ index 20<sup>th</sup> worst

## OCCUPANT PROTECTION (cont.)

26%

unrestrained percent of injuries 37th worst

## RECKLESS DRIVERS (24 INJURY CRASHES)

history of reckless driving index 36th worst

reckless driver residence index 19<sup>th</sup> worst

#### MOTORCYCLES (131 MOTORCYCLIST INJURIES)

fider-to-driver crash residence index 16th worst

 $1.3 { \begin{cases} \text{crash residence} \\ \text{index} \\ 6^{\text{th}} \text{ worst} \end{cases} }$ 

In the observational seat belt study, only 58% of the youngest children (age birth to 4) were properly restrained and juvenile seat belt use was also low (71%).

With respect to fatalities, Arapahoe County was the 7th worst out of Colorado's 64 counties. Overall, 6 percent of the state's alcohol-related fatal crashes occurred in Arapahoe County, the 6th worst statewide.

Arapahoe County teens are 10% more likely than teens statewide to be the at-fault driver in a crash, and the County ranks 13th worst on this measure.

Resident motorcyclists are 30% more likely than others in the state to be involved in an injury crash; the 6th worst statewide.



## ARCHULETA COUNTY

49th
highest of 64 counties
rank in fatalities

1 fatal crash out of 409 statewide1 fatality out of 448 statewide

Primary challenge: reduce impaired driving overall and particularly by men ages 21 to 34; reduce crashes involving older drivers.

#### **IMPAIRED DRIVERS (6 IMPAIRED INJURY CRASHES)**

1.2 impaired driver residence index 7th worst

15 impaired driver crash location index 11<sup>th</sup> worst

percent of alcohol-related fatal crashes 64th worst

history of impaired driving index 50th worst

1.8 impaired male age 21-24 index 12<sup>th</sup> worst

81147 impaired driver zip codes of residence

OCCUPANT PROTECTION (9 UNRESTRAINED INJURIES)

percent of unrestrained injury crashes 42<sup>nd</sup> worst

#### **TEEN DRIVERS (4 TEEN INJURY CRASHES)**

at-fault teen driveresidence index 49th worst

impaired teen driver residence index 40<sup>th</sup> worst

1.6% of teens have texting, cell phone, and GDL violations

6<sup>th</sup> worst of 64 counties

81147 at-fault teen driver zip codes of residence

#### **ECONOMIC COSTS**

\$3,395,000 property damage

\$1,359,000 injury costs

\$1,290,000 fatality costs

\$6,044,000 total cost

### **ARCHULETA COUNTY**

#### **AT-FAULT DRIVERS (31 INJURY CRASHES)**

at-fault driver residence index 47th worst

 $0.9 {\scriptsize \begin{array}{c} \text{crash location} \\ \text{index} \\ \text{40}^{\text{th}} \text{ worst} \\ \end{array}}$ 

#### **OLDER DRIVERS (1 INJURY CRASH)**

drivers age 70-74 index 52<sup>nd</sup> WORS

1.2 drivers age 75-79 index 12<sup>th</sup> wors

drivers age 80-84 index 11<sup>th</sup> worst

drivers age 85-90+ index 64<sup>th</sup> worsi

#### RECKLESS DRIVERS (1 INJURY CRASH)

history of reckless driving index 55<sup>th</sup> worst

 $\begin{array}{c} 1 \quad 3 \\ \begin{array}{c} \text{reckless driver} \\ \text{residence index} \\ \text{11}^{\text{th}} \text{ worst} \end{array}$ 

#### MOTORCYCLES (1 MOTORCYCLIST INJURY)

rider-to-driver crash residence index 46th worst

0.3 {crash residence index 45th worst

Archuleta County men between the ages of 21 and 24 are nearly twice as likely than their peers statewide to be impaired in a crash. Overall, Archuleta County residents rank 7th worst among Colorado's 64 counties in a measure examining impaired driving.

Resident older drivers between the ages of 75-79 and 80-84 are 20% and 40% more likely than their peers to be involved in a crash.

County residents are 30% more likely than drivers statewide to be cited with reckless driving or excessive speed resulting in a crash.



## **BACA**

highest of 64 counties rank in fatalities

Primary challenges: impaired driving by teens and men ages 21 to 24

#### **IMPAIRED DRIVERS (1 IMPAIRED INJURY CRASH)**

impaired driver residence index 45<sup>th</sup> worst

crash location index 24<sup>th</sup> worst

alcohol-related fatal crashes

history of impaired driving index 49th worst

impaired male age 21-24 index 10<sup>th</sup> worst

impaired driver 81073 zip codes of 81090 residence

**OCCUPANT PROTECTION** (0 UNRESTRAINED **INJURIES**)

percent of injuries

#### **TEEN DRIVERS (0 TEEN INJURY CRASHES)**

3.6% of teens have texting, cell phone, and GDL violations

 $3^{rd}$  worst of 64 counties

at-fault teen driver 81073 zip codes of residence

#### **ECONOMIC COSTS**

\$710,000 property damage

> \$43,800 injury costs

\$7,740,000 fatality costs

\$8,494,000

total cost

### **BACA COUNTY**

#### **AT-FAULT DRIVERS (2 INJURY CRASHES)**

crash location index 54<sup>th</sup> wors

#### **OLDER DRIVERS (0 INJURY CRASHES)**

drivers age 70-74 index 64<sup>th</sup> worst

drivers age 75-79 index 64<sup>th</sup> wors

drivers age 80-84 index 64<sup>th</sup> wors

drivers age 85-90+ index 64<sup>th</sup> wors:

#### RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 60th worst

reckless driver residence index 64th worst

#### MOTORCYCLES (0 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index 64th worst

crash residence index 64th worst

Baca County had the 18th highest number of fatalities in the state and accounted for 2% of the state's alcohol-related fatalities.

Baca County men ages 21 to 24 are twice as likely as their counterparts statewide to be impaired at the time of a crash. Baca County teens are nearly 3 times more likely than teens statewide to be impaired drivers in a crash.



## BENT COUNTY

50th
highest of 64 counties
rank in fatalities

1 fatal crash
out of 409 statewide
1 fatality

Primary challenges: Impaired driving in general and by men ages 21 to 24; occupant protection use by all vehicle occupants.

#### **IMPAIRED DRIVERS (5 IMPAIRED INJURY CRASHES)**

impaired driver residence index 35th worst

impaired driver crash location index 18<sup>th</sup> worst

percent of alcohol-related fatal crashes 64th worst

history of impaired driving index 44th worst

3.0 impaired male age 21-24 index 6<sup>th</sup> worst

impaired driver zip codes of residence

OCCUPANT PROTECTION (5 UNRESTRAINED INJURIES)

 $63\% \begin{cases} \text{unrestrained percent of injuries} \\ \mathbf{1}^{\text{st}} \text{ worst} \end{cases}$ 

#### **TEEN DRIVERS (0 TEEN INJURY CRASHES)**

at-fault teen drive residence index 45<sup>th</sup> worst

impaired teen driver residence index 64<sup>th</sup> worst

**0.8%** of teens have texting, cell phone, and GDL violations

 $32^{nd} \, \mathrm{worst} \, \mathrm{of} \, 64 \, \mathrm{counties}$ 

81054 81044 81057

at-fault teen driver zip codes of residence

#### **ECONOMIC COSTS**

\$1,125,200 property damage

\$358,800 injury costs

\$1,290,000 fatality costs

\$2,774,000 total cost

### **BENT COUNTY**

#### **AT-FAULT DRIVERS (6 INJURY CRASHES)**

at-fault driver residence index 63rd worst

Crash location index 56th worst

#### **OLDER DRIVERS (0 INJURY CRASHES)**

drivers age 70-74 index 64<sup>th</sup> worst

drivers age 75-79 index 50<sup>th</sup> wors

 drivers age 85-90+ index 64<sup>th</sup> worsi

#### RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 60<sup>th</sup> worst

reckless driver residence index 64th worst

#### MOTORCYCLES (0 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index
64th worst

Crash residence index 64th worst

Bent County has a problem with men ages 21 to 24 driving while impaired. Men ages 21 to 24 are 3 times more likely to be impaired crash drivers than their counterparts statewide and Bent County ranks 6th worst overall on this measure.

Of those vehicle occupants injured in a crash in Bent County, 63% were not restrained. Bent County had the worst rate of unrestrained injuries in the state.



## **BOULDER**

highest of 64 counties rank in fatalities

fatal crashes out of 409 statewide fatalities out of 448 statewide

Primary challenges: maintaining and improving rates of impaired drving and occupant protection.

#### **IMPAIRED DRIVERS (77 IMPAIRED INJURY CRASHES)**

impaired driver residence index

crash location index

alcohol-related fatal crashes

history of impaired driving index

impaired male age 21-24 index 39<sup>th</sup> WOrst

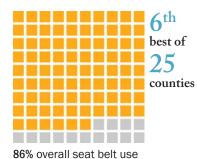
80501 80303 impaired driver 80027 80504 zip codes of 80026 80301 residence 80503 80305

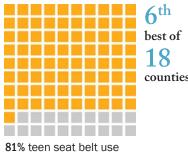
**ECONOMIC COSTS** 

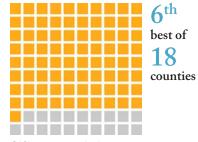
\$105,898,600

property damage

#### **OCCUPANT PROTECTION (122 UNRESTRAINED INJURIES**)

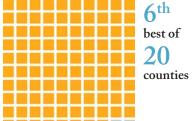












\$25,800,000 fatality costs

83% juvenile (5-15) seat belt use 63% kid (0-4) seat belt use

\$153,358,900 total cost

### **BOULDER COUNTY**

#### **TEEN DRIVERS (56 TEEN INJURY CRASHES)**

at-fault teen drive residence index 38<sup>th</sup> worst

impaired teen drive residence index 30th worst

**0.2%** of teens have texting, cell phone, and GDL violations

53rd worst of 64 counties

80501 80026 at-fault teen driver zip codes of residence

#### **AT-FAULT DRIVERS (597 INJURY CRASHES)**

at-fault driver residence index 21st worst

crash location index 34th worst

#### **OLDER DRIVERS (20 INJURY CRASHES)**

drivers age 70-74 index 21st worst

1.0 drivers age 75-79 index 17<sup>th</sup> worst

1 • O { drivers age 80-84 index 23<sup>th</sup> worst

 $1.1 \begin{cases} \text{drivers age} \\ 85.90 + \text{index} \\ 15^{\text{th}} \text{ worsh} \end{cases}$ 

## OCCUPANT PROTECTION (cont.)

18%

unrestrained percent of injuries 56th worst

#### RECKLESS DRIVERS (9 INJURY CRASHES)

history of reckless driving index 37th worst

reckless driver residence index 28th worst

## MOTORCYCLES (49 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index 26th worst

crash residence index 28<sup>th</sup> worst

Among Colorado counties, Boulder County is generally doing well with respect to traffic safety. Seat belt use by adults, teens and juveniles is high compared to the rest of the state.

With respect to fatalities, Boulder ranks 6th worst statewide and 9th worst with respect to alcohol-related fatal crashes. Maintaining and increasing occupant protection use rates and maintaining and continuing to decrease impaired driving will continue to be a challenge. Other counties can learn

from Boulder County's experiences.

Boulder County does appear to have an emerging challenge associated with older drivers. Those age 85-90 are 10% more likely than others their age statewide to be involved in a crash, and Boulder County ranks 15th worst on this measure.

Boulder County motorcyclists are 10% more likely to be injured in a crash than Boulder County drivers.



## BROOMFIELD COUNTY

51st
highest of 64 counties
rank in fatalities

1 fatal crash
out of 409 statewide

1 fatality

Primary challenges: impaired driving by male County residents ages 21 to 24; overall crash reduction.

#### **IMPAIRED DRIVERS (10 IMPAIRED INJURY CRASHES)**

impaired driver residence index 57th worst

impaired driver crash location index 46<sup>th</sup> worst

percent of alcohol-related fatal crashes 64th worst

history of impaired driving index 40<sup>th</sup> worst

impaired male age 21-24 index 33rd worst

80020 impaired driver zip codes of residence

OCCUPANT PROTECTION (31 UNRESTRAINED INJURIES)

26% unrestrained percent of injuries 34th worst

#### **TEEN DRIVERS (3 TEEN INJURY CRASHES)**

at-fault teen driveresidence index 57th worst

impaired teen driver residence index 45<sup>th</sup> worst

**0.1%** of teens have texting, cell phone, and GDL violations

 $55^{th}$  worst of 64 counties

80020 at-fault teen driver zip codes of residence

#### **ECONOMIC COSTS**

\$24,598,000 property damage

\$4,190,700 injury costs

\$1,290,000 fatality costs

\$30,078,700

total cost

### **BROOMFIELD COUNTY**

#### AT-FAULT DRIVERS (101 INJURY CRASHES)

at-fault driver residence index 60<sup>th</sup> worst crash location index 22<sup>nd</sup> worst

#### **OLDER DRIVERS (1 INJURY CRASH)**

drivers age 80-84 index 28<sup>th</sup> worst

drivers age 85-90+ index 30<sup>th</sup> worst

#### **RECKLESS DRIVERS** (2 INJURY CRASHES)

history of reckless driving index

reckless driver residence index

#### **MOTORCYCLES** (8 MOTORCYCLIST **INJURIES**)

Overall, Broomfield County has fewer stark traffic safety challenges when compared to other Colorado counties. On most measures, Broomfield County is among the best, particularly those related to impaired driving. Resident men 21-24 years old, however, continue to be impaired creah drivers at a rate nearly equal to the state rate.

Broomfield motorcyclists are 80% more likely than Broomfield drivers to be injured in a crash. The County ranks 6th worst statewide on this measure.

Broomfield residents age 70-74 are nearly twice as likely as others in their age cohort to be involved in a crash, resulting in the County's rank of 27th worst overall.

Perhaps Broomfield's greatest traffic safety challenge is overall crash reduction. Crashes are 10% more likely to occur in Broomfield than in other counties - the County ranks 22nd worst with respect to crash location.



# **CHAFFEE COUNTY**

27th
highest of 64 counties
rank in fatalities

4 fatal crashes
out of 409 statewide

4 fatalities
out of 448 statewide

Primary challenges: overall crash prevention and preventing crash involvement by drivers age 80 and older.

### **IMPAIRED DRIVERS (2 IMPAIRED INJURY CRASHES)**

impaired driver residence index 34<sup>th</sup> worst

impaired driver crash location index 30<sup>th</sup> worst

percent of alcohol-related fatal crashes 13<sup>th</sup> worst

history of impaired driving index 46th worst

impaired male age 21-24 index 44th worst

81211 81201 81236 impaired driver zip codes of residence

OCCUPANT PROTECTION (10 UNRESTRAINED INJURIES)

 $22\% \begin{cases} \text{unrestrained} \\ \text{percent of} \\ \text{injuries} \\ \text{47}^{\text{th}} \text{ wors} \end{cases}$ 

### **TEEN DRIVERS (4 TEEN INJURY CRASHES)**

at-fault teen drive residence index 34th worst

impaired teen driver residence index 42<sup>nd</sup> worst

1.0% of teens have texting, cell phone, and GDL violations

27th worst of 64 counties

80229 80601 80022 80241 80233 80260 80221 80031

at-fault teen driver zip codes of residence

### **ECONOMIC COSTS**

\$5,141,200 property damage

\$1,466,400 injury costs

\$5,160,000 fatality costs

\$11,767,600 total cost

## **CHAFFEE COUNTY**

### **AT-FAULT DRIVERS (38 INJURY CRASHES)**

at-fault driver residence index 27th worst

crash location index 24<sup>th</sup> worst

### **OLDER DRIVERS (4 INJURY CRASHES)**

1 7 drivers age 80-84 index 5<sup>th</sup> worst 1 8 drivers age 85-90+ index 3<sup>rd</sup> worst

### **RECKLESS DRIVERS** (0 INJURY CRASHES)

history of reckless driving index

reckless driver residence index

### **MOTORCYCLES** (2 MOTORCYCLIST **INJURIES**)

crash residence

Older drivers living in Chaffee County are an emerging traffic safety challenge. Resident drivers age 70-74 are 30% more likely than others their age in the state to be involved in a crash, and are the 9th worst county in the state. Residents age 80-84 and 85+ are 70% and 80% more likely to be in a crash than others their age, and Chaffee County ranks 5th worst and 3rd worst, respectively.



# **CHEYENNE COUNTY**

31st
highest of 64 counties
rank in fatalities

3 fatal crashes out of 409 statewide

3 fatalities out of 448 statewide

Primary challenges: impaired driving overall; impaired driving by teens and men ages 21 to 24; older drivers.

### **IMPAIRED DRIVERS (0 IMPAIRED INJURY CRASHES)**

1.8 impaired driver residence index 2nd worst

impaired driver crash location inde 64th worst

percent of alcohol-related fatal crashes 64th worst

history of impaired driving index 60th worst

impaired male age 21-24 index 3rd worst

80810 impaired driver zip codes of residence

OCCUPANT PROTECTION (0 UNRESTRAINED INJURIES)

unrestrained percent of injuries 64th wors

### **TEEN DRIVERS (0 TEEN INJURY CRASHES)**

at-fault teen driv residence index 36<sup>th</sup> worst

impaired teen driver residence index 2<sup>nd</sup> worst

**0**% of teens have texting, cell phone, and GDL violations

80810 80825 80862 at-fault teen driver zip codes of residence

### **ECONOMIC COSTS**

\$435,200 property damage

\$41,900 *injury costs* 

\$3,870,000 fatality costs

\$4,327,100

total cost

### **CHEYENNE COUNTY**

### AT-FAULT DRIVERS (1 INJURY CRASH)

 $0.5 \begin{cases} \text{at-fault driver} \\ \text{residence index} \\ \text{58}^{\text{th}} \text{ worst} \end{cases}$ 

crash location index 50th worst

### **OLDER DRIVERS (1 INJURY CRASH)**

drivers age 70-74 index 64<sup>th</sup> worst

drivers age 75-79 index 64<sup>th</sup> wors

1.8 drivers age 85-90+ index 4th worst

### RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 46th worst

reckless driver residence index 64th worst

### MOTORCYCLES (0 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index 64th worst

Crash residence index 64th worst

Cheyenne County's teens are nearly 4.5 times more likely to be impaired drivers in a crash, and Cheyenne County ranks 2nd worst on this measure. This high frequency of impaired driving carries on among male residents ages 21 to 24; they are nearly 4 times more likely than others their age statewide to be impaired drivers in a crash. Overall, Cheyenne County residents rank 2nd worst overall with regard to the incidence of impaired driving in a crash.

Cheyenne County residents age 80 to 84 are 40% more likely than others their age to be involved as a driver in a crash, ranking Cheyenne County 10th worst statewide. Residents

age 85 or older are nearly 2 times more likely to be in a crash than their counterparts statewide, and Cheyenne County ranks 4th worst statewide on this measure.



# CLEAR CREEK COUNTY

39th
highest of 64 counties
rank in fatalities

2 fatal crashes out of 409 statewide

2 fatalities out of 448 statewide

Primary challenges: impaired driving by all, but especially non-residents and resident teens

### **IMPAIRED DRIVERS (7 IMPAIRED INJURY CRASHES)**

1.2 impaired driver residence index 8th worst

impaired driver crash location index 3<sup>th</sup> worst

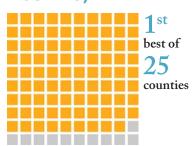
percent of alcohol-related fatal crashes 20th worst

history of impaired driving index 4<sup>th</sup> worst

impaired male age 21-24 index 64<sup>th</sup> worst

80452 80436 80438 80444 impaired driver zip codes of residence

# OCCUPANT PROTECTION (11 UNRESTRAINED INJURIES)



85% overall seat belt use

27%

unrestrained percent of injuries
 33<sup>rd</sup> worst

### **ECONOMIC COSTS**

\$11,837,600 property damage

\$1,494,600 injury costs

\$2,580,000 fatality costs

\$15,912,200 total cost

### **CLEAR CREEK COUNTY**

### **TEEN DRIVERS (0 TEEN INJURY CRASHES)**

at-fault teen drive residence index 58th worst

impaired teen drive residence index 11<sup>th</sup> worst

**0.4%** of teens have texting, cell phone, and GDL violations

46<sup>th</sup> worst of 64 counties

80452 80436 at-fault teen driver zip codes of residence

### **AT-FAULT DRIVERS (39 INJURY CRASHES)**

at-fault driver residence index 36th worst

3.5 crash location index 2th worst

### **OLDER DRIVERS (1 INJURY CRASH)**

drivers age 70-74 index 25<sup>th</sup> worst

0.5 drivers age 75-79 index 49<sup>th</sup> worst

drivers age 80-84 index 64<sup>th</sup> wors

drivers age 85-90+ index 64<sup>th</sup> worst

### RECKLESS DRIVERS (1 INJURY CRASH)

1.6 history of reckless driving index 6th worst

7.5 reckless driver residence index 43<sup>th</sup> worst

# MOTORCYCLES (3 MOTORCYCLIST INJURIES)

15 { rider-to-driver crash residence index 13th worst

crash residence index 22<sup>nd</sup> worst

Non-resident drivers are a traffic safety challenge for Clear Creek County. Overall, the County ranks 2nd worst overall on the crash location index. Drivers in Clear Creek County are 3.5 times more likely to be involved in a crash than drivers elsewhere in the state. Similarly, crash drivers are nearly 3 times more likely to be impaired and in a crash in Clear Creek County than in other counties, and Clear Creek County ranks 3rd worst overall on this measure.

likely as other teens to be impaired crash drivers, ranking Clear Creek County 11th worst out of Colorado's 64 counties.

Clear Creek County motorcyclists are 50% more likely than drivers to be injured in a crash.

Teens living in Clear Creek County are more than twice as



# CONEJOS COUNTY

22nd
highest of 64 counties
rank in fatalities

3 fatal crashes out of 409 statewide
5 fatalities out of 448 statewide

Primary challenges: impaired driving by resident males age 21 to 24; teen crash and impaired driving prevention; and occupant protection use overall.

### **IMPAIRED DRIVERS (5 IMPAIRED INJURY CRASHES)**

impaired driver residence index 38th worst

impaired driver crash location index 14<sup>th</sup> worst

history of impaired driving index 5<sup>th</sup> worst

2.8 impaired male age 21-24 index 7th worst

81140 81120 81141 81148 impaired driver zip codes of residence

OCCUPANT PROTECTION (10 UNRESTRAINED INJURIES)

 $42\% \begin{cases} \text{unrestrained percent of injuries} \\ 10^{\text{th}} \text{ wors} \end{cases}$ 

### **TEEN DRIVERS (5 TEEN INJURY CRASHES)**

at-fault teen drive residence index 6th worst

impaired teen driver residence index 12<sup>th</sup> worst

2.9% of teens have texting, cell phone, and GDL violations

4<sup>th</sup> worst of 64 counties

81140 81148 81120 81151 81141 81129

at-fault teen driver zip codes of residence

### **ECONOMIC COSTS**

\$1,136,600 property damage

\$984,600 injury costs

\$6,450,000 fatality costs

\$8,571,200 total cost

## **CONEJOS COUNTY**

### **AT-FAULT DRIVERS (19 INJURY CRASHES)**

at-fault driver residence index 33rd worst

crash location index 59th worst

### **OLDER DRIVERS (0 INJURY CRASHES)**

drivers age 70-74 index 53<sup>rd</sup> worst

0.7 drivers age 75-79 index 34<sup>th</sup> wors

drivers age 80-84 index 64<sup>th</sup> worst

drivers age 85-90+ index 64<sup>th</sup> worsi

### RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 18<sup>th</sup> worst

### MOTORCYCLES (0 MOTORCYCLIST INJURIES)

crash residence index 64th worst

Impaired driving, particularly by male residents age 21 to 24, is an issue in Conejos County. Men age 21 to 24 are nearly 3 times more likely than men in this age cohort statewide to be involved as an impaired driver in a crash. Conejos County is 7th worst statewide on this measure.

Among vehicle occupants injured in a crash, 42% were not restrained; this is the 10th worst rate in the state.

Teens living in Conejos County are 20% more likely than other Colorado teens to be involved as the at-fault driver in a crash and they are nearly twice as likely to be an impaired crash driver. Conejos County ranks 6th and 12th worst on these measures, respectively.



# COSTILLA COUNTY

28th
highest of 64 counties
rank in fatalities

fatal crashes out of 409 statewide

fatalities
out of 448 statewide

Primary challenges: teen and older driver crash prevention; impaired driving prevention; increasing occupant protection; and overall crash reduction.

### **IMPAIRED DRIVERS (3 IMPAIRED INJURY CRASHES)**

impaired driver residence index 50th worst

impaired driver crash location index 5<sup>th</sup> worst

percent of alcohol-related fatal crashes 64<sup>th</sup> worst

1.2 Initial history of impaired driving index 21st worst

impaired male age 21-24 index 64th worst

81152 81133 impaired driver zip codes of residence

OCCUPANT PROTECTION (8 UNRESTRAINED INJURIES)

440/0 unrestrained percent of injuries 7th worst

### **TEEN DRIVERS (4 TEEN INJURY CRASHES)**

2 4 at-fault teen drive residence index 1st worst

impaired teen driver residence index 64th worst

**0**% of teens have texting, cell phone, and GDL violations

81152 81123 81133 81153 at-fault teen driver zip codes of residence

### **ECONOMIC COSTS**

\$1,871,200 property damage

\$486,000 injury costs

\$5,160,000 fatality costs

\$7,517,200

total cost

## **COSTILLA COUNTY**

### **AT-FAULT DRIVERS (6 INJURY CRASHES)**

0.8 at-fault driver residence index 19th worst

1 7 crash location index 8<sup>th</sup> worst

### **OLDER DRIVERS (1 INJURY CRASH)**

2.1 drivers age 70-74 index 4<sup>th</sup> worst

0 7 drivers age 75-79 index 39<sup>th</sup> wors

 $0.0 \begin{cases} \text{drivers age} \\ \text{80-84 index} \\ \text{64}^{\text{th}} \text{ worst} \end{cases} 1$ 

1.2 drivers age 85-90+ index 10<sup>th</sup> worst

### RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 33<sup>th</sup> worst

reckless driver residence index 64th worst

### MOTORCYCLES (0 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index 64th worst

More than two in five of those injured in crashes were unrestrained, ranking Costilla County 7th worst statewide on this measure.

Costilla County's resident teen drivers are 2.4 times more likely than teen drivers statewide to be the at-fault driver in a crash, ranking Costilla County the worst out of 64 counties.

Residents age 70 to 74 are twice as likely as others in this age group to be involved in a crash; Costilla County ranks 4th worst out of 64.

For crashes occurring in Costilla County, drivers involved are nearly 2 times as likely as crash drivers statewide to be impaired. Out of all other counties, Costilla County ranks 5th worst.

Overall, 70% more crashes occur in Costilla County than would be expected given the size of the driving population. This indicates that general crash prevention should be an area of focus.



# **CROWLEY COUNTY**





Primary challenges: maintain impaired driving prevention successes while focusing on teen impaired driving prevention; increase occupant protection by all.

### **IMPAIRED DRIVERS (0 IMPAIRED INJURY CRASHES)**

impaired driver residence index 55th worst

impaired driver crash location index 63<sup>rd</sup> worst

percent of alcohol-related fatal crashes

history of impaired driving index 36<sup>th</sup> worst

impaired male age 21-24 index 41st worst

81063 impaired driver zip codes of residence

### OCCUPANT PROTECTION (3 UNRESTRAINED INJURIES)

**60**%

unrestrained percent of injuries

3rd worst

### **TEEN DRIVERS (0 TEEN INJURY CRASHES)**

at-fault teen driving residence index 33rd worst

impaired teen driver residence index 13<sup>th</sup> worst

1.1% of teens have texting, cell phone, and GDL violations

25<sup>th</sup> worst of 64 counties

81063 81062 81076

at-fault teen driver zip codes of residence

### **ECONOMIC COSTS**

\$554,440 property damage

\$201,300 injury costs

**\$0**fatality costs

\$755,700 total cost

## **CROWLEY COUNTY**

### **AT-FAULT DRIVERS (5 INJURY CRASHES)**

at-fault driver residence index 62<sup>nd</sup> worst

0.3 { crash location index 64<sup>th</sup> worst

### **OLDER DRIVERS (1 INJURY CRASH)**

drivers age 70-74 index 64<sup>th</sup> worst

 $0.8 {\footnotesize \begin{array}{c} \text{drivers age} \\ \text{75-79 index} \\ \text{30}^{\text{th}} \text{ wors} \\ \end{array}}$ 

drivers age 80-84 index 64<sup>th</sup> worst

1.0 drivers age 85-90+ index 17<sup>th</sup> worst

### RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 40th worst

reckless driver residence index 37th worst

### MOTORCYCLES (0 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index 64th worst

crash residence index 64th worst

With respect to impaired driving crashes, Crowley County is among the best in the state, with the exception of teen impaired driving crashes. Crowley County teens are nearly twice as likely than teens statewide to be impaired crash drivers, resulting in Crowley County's rank of 13th worst on this measure.

Of those injured in crashes, 60% were not restrained; the third worst rate in the state.



# **CUSTER COUNTY**

52nd
highest of 64 counties
rank in fatalities

1 fatal crash
out of 409 statewide

1 fatality
out of 448 statewide

Primary challenges: occupant protection; crash involvement of drivers age 75 to 79; and reckless driving crashes.

### **IMPAIRED DRIVERS (3 IMPAIRED INJURY CRASHES)**

impaired driver residence index 47<sup>th</sup> worst

impaired driver crash location index 49<sup>th</sup> worst

percent of alcohol-related fatal crashes 64th worst

history of impaired driving index 64th worst

impaired male age 21-24 index 64th worst

81252 impaired driver zip codes of residence

OCCUPANT PROTECTION (6 UNRESTRAINED INJURIES)

43% unrestrained percent of injuries 7th worst

### TEEN DRIVERS (1 TEEN INJURY CRASH)

at-fault teen drive residence index 52<sup>nd</sup> worst

impaired teen driver residence index 64th worst

2.2% of teens have texting, cell phone, and GDL violations

10<sup>th</sup> worst of 64 counties

81252 at-fault teen driver zip codes of residence

### **ECONOMIC COSTS**

\$936,200 property damage

\$398,400 injury costs

\$1,290,000 fatality costs

\$2,624,600

total cost

## **CUSTER COUNTY**

### **AT-FAULT DRIVERS (14 INJURY CRASHES)**

at-fault driver residence index 15<sup>th</sup> worst

 $\frac{1}{0} \begin{cases} \text{crash location index} \\ 29^{\text{th}} \text{ worst} \end{cases}$ 

### **OLDER DRIVERS (1 INJURY CRASH)**

drivers age 70-74 index 35<sup>th</sup> worst

 $\frac{1}{2} \begin{cases} \text{drivers age} \\ \text{75-79 index} \\ \text{10}^{\text{th}} \text{ wors} \end{cases}$ 

drivers age 80-84 index 24<sup>th</sup> worst

drivers age 85-90+ index 64<sup>th</sup> worst

### RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 34<sup>th</sup> worst

2.0 {reckless driver residence index 4th worst

### MOTORCYCLES (0 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index 64th worst

Crash residence index 64th worst

Among the vehicle occupants injured in Custer County crashes, 43% were unrestrained, the 7th worst rate in the state.

Custer County drivers between the ages of 75 and 79 are 20% more likely than other drivers their age to be involved as the driver in a crash, and this is the 10th worst statewide.

Custer County residents are twice as likely to have been cited for reckless driving or excessive speed causing a crash as other drivers statewide. On this measure, the county ranked 4th worst.



# **DELTA COUNTY**

23rd
highest of 64 counties
rank in fatalities

5 fatal crashes
 out of 409 statewide
 5 fatalities
 out of 448 statewide

Primary challenges: teen impaired driving prevention.

### **IMPAIRED DRIVERS (9 IMPAIRED INJURY CRASHES)**

impaired driver residence index 40th worst

impaired driver crash location index 42<sup>nd</sup> worst

percent of alcohol-related fatal crashes 13th worst

history of impaired driving index 41st worst

impaired male age 21-24 index 38<sup>th</sup> worst

81416 81418 81413 81410 81419 81418 81428 impaired driver zip codes of residence

OCCUPANT PROTECTION (15 UNRESTRAINED INJURIES)

23% unrestrained percent of injuries 44th worst

### **TEEN DRIVERS (8 TEEN INJURY CRASHES)**

at-fault teen drive residence index 44<sup>th</sup> worst

impaired teen driver residence index 20<sup>th</sup> worst

1.3% of teens have texting, cell phone, and GDL violations

18<sup>th</sup> worst of 64 counties

81416 81415 81419 81418 at-fault teen driver 2 zip codes of residence

### **ECONOMIC COSTS**

\$6,061,600 property damage

\$2,179,800 injury costs

\$6,450,000 fatality costs

\$14,691,400 total cost

### **DELTA COUNTY**

### **AT-FAULT DRIVERS (56 INJURY CRASHES)**

at-fault driver residence index 50<sup>th</sup> worst

crash location index 55th worst

### **OLDER DRIVERS (4 INJURY CRASHES)**

drivers age 70-74 index 38<sup>th</sup> worst

0.5 drivers age 75-79 index 42<sup>nd</sup> wors

0.8 drivers age 80-84 index 33rd worst

### RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 16<sup>th</sup> worst

reckless driver residence index 34th worst

### MOTORCYCLES (9 MOTORCYCLIST INJURIES)

15 rider-to-driver crash residence index 15th worst

 $1.0 \begin{cases} \text{crash residence} \\ \text{index} \\ \text{16}^{\text{th}} \text{ worst} \end{cases}$ 

On most of the measures examined, Delta County ranks in the middle; not the worst and not the best.

Teens living in Delta County are nearly 30% more likely than other teens to be impaired crash drivers, and Delta County ranks 20th worst overall on this measure.

With respect to impaired driving overall, Delta County performs better than would be expected. However, 2% of the

state's alcohol-related fatal crashes occurred in Delta County, resulting in its rank of 13th worst statewide on this measure.

Delta County motorcycle riders are 50% more likely to be injured in a crash than drivers, and Delta County ranks 15th worst.



# DENVER COUNTY

3rd
highest of 64 counties

35 fatal crashes out of 409 statewide
40 fatalities out of 448 statewide

Primary challenges: crash prevention in general; improved occupant protection; impaired driving prevention; and motorcycle crash prevention.

### **IMPAIRED DRIVERS (170 INJURY CRASHES)**

 $1 \quad 0 \begin{cases} \text{impaired driver} \\ \text{residence index} \\ 20^{\text{th}} \text{ worst} \end{cases}$ 

impaired driver crash location index 23<sup>rd</sup> worst

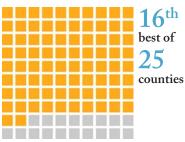
percent of alcohol-related fatal crashes 2<sup>nd</sup> worst

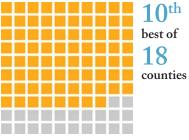
1 1 I history of impaired driving index 23rd worst

1 1 [impaired male age 21-24 index 25<sup>th</sup> worst

80219 80220 80239 80231 80211 80205 80204 80210 impaired driver zip codes of residence

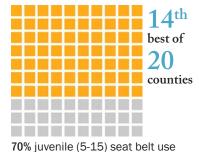
# OCCUPANT PROTECTION (517 UNRESTRAINED INJURIES)

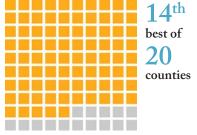






78% teen seat belt use





\$469,224,500 \*\*total cost\*

### **ECONOMIC COSTS**

\$350,465,600 property damage

\$67,158,900 injury costs

\$51,600,000 fatality costs

### **DENVER COUNTY**

### **TEEN DRIVERS (107 TEEN INJURY CRASHES)**

at-fault teen drive residence index 39<sup>th</sup> worst

impaired teen drive residence index 29th worst

**0.3%** of teens have texting, cell phone, and GDL violations

48<sup>th</sup> worst of 64 counties

80219 80231 at-fault 80239 80249 teen driver 80204 80207 zip codes of residence

### AT-FAULT DRIVERS (1,763 INJURY CRASHES)

at-fault driver residence index 9th worst

 $\frac{1}{6} \begin{cases} \text{crash location index} \\ 10^{\text{th}} \text{ worsh} \end{cases}$ 

### **OLDER DRIVERS (71 INJURY CRASHES)**

drivers age 70-74 index 22<sup>nd</sup> wors

0.8 drivers age 75-79 index 29<sup>th</sup> worsi

1 1 { drivers age 80-84 index 21st worst

drivers age 85-90+ index 22<sup>nd</sup> worst

# OCCUPANT PROTECTION (cont.)

26%

unrestrained percent of injuries 38th worst

### RECKLESS DRIVERS (27 INJURY CRASHES)

history of reckless driving index 27<sup>th</sup> worst

reckless driver residence index 34th worst

### MOTORCYCLES (120 MOTORCYCLIST INJURIES)

18 rider-to-driver crash residence index 7th worst

1.5 Crash residence index 7th worst

With respect to occupant protection, Denver County is worse than most of the counties surveyed in the observational seat belt study. Only one-quarter of the counties surveyed performed worse on passengers under 16 years of age.

Overall, 9 percent of the state's alcohol-related fatal crashes occurred in Denver, and the County ranks 2nd worst statewide on this measure. Resident males age 21 to 24 are 10% more likely than others their age to be impaired crash drivers. Denver County ranks 25th out of 64 counties.

Drivers are 60% more likely to be involved in a crash in Denver county than the state average, making Denver County the 10th worst overall in crashes.

Denver motorcyclists are 80% more likely than Denver drivers to be injured in a crash and are 50% more likely to be involved in an injury crash than riders statewide, resulting in Denver's rank of 7th worst on both of these measures.



# DOLORES COUNTY

32nd
highest of 64 counties
rank in fatalities

fatal crashes
 out of 409 statewide
 fatalities
 out of 448 statewide

Primary challenges: teen and older driver crash prevention; crash prevention in general.

### **IMPAIRED DRIVERS (1 IMPAIRED INJURY CRASH)**

impaired driver residence index 64th worst

impaired driver crash location index 41st worst

percent of alcohol-related fatal crashes 20th worst

impaired male age 21-24 index 64th worst



OCCUPANT PROTECTION (2 UNRESTRAINED INJURIES)

150/0 unrestrained percent of injuries 61st worst

### **TEEN DRIVERS (1 TEEN INJURY CRASH)**

at-fault teen drivresidence index 10<sup>th</sup> worst

impaired teen driver residence index 64<sup>th</sup> worst

1.0% of teens have texting, cell phone, and GDL violations

26<sup>th</sup> worst of 64 counties

81324 at-fault teen driver zip codes of residence

### **ECONOMIC COSTS**

\$714,400 property damage

\$422,400 injury costs

\$3,870,000 fatality costs

\$5,006,800 total cost

## **DOLORES COUNTY**

### **AT-FAULT DRIVERS (11 INJURY CRASHES)**

at-fault driver residence index 43rd worst

 $13 \left\{ \begin{smallmatrix} \text{crash location} \\ \text{index} \\ \text{12}^{\text{th}} \text{ worst} \end{smallmatrix} \right.$ 

### **OLDER DRIVERS (0 INJURY CRASHES)**

drivers age 70-74 index 64<sup>th</sup> worst

13 drivers age 75-79 index 9<sup>th</sup> wors

drivers age 80-84 index 64<sup>th</sup> wors

drivers age 85-90+ index 64<sup>th</sup> worsi

# RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 48<sup>th</sup> worst

reckless driver residence index 64th worst

### MOTORCYCLES (0 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index 64th worst

crash residence index 64th worst

Dolores County teens are 10% more likely than other teens to be involved as the at-fault driver in a crash, and Dolores County ranks 10th worst overall on this measure.

Dolores County ranks 9th worst overall with respect to crash involvement by drivers age 75 to 79.

Overall, drivers in Dolores County are 30% more likely than drivers statewide to be involved in a crash, making Dolores County 12th worst statewide in overall crash involvement.



# DOUGLAS COUNTY

10th
highest of 64 counties
rank in fatalities

13 fatal crashes
out of 409 statewide
13 fatalities
out of 448 statewide

Primary challenges: maintaining low rates of impaired driving and high occupant protection use; older driver crash prevention.

### **IMPAIRED DRIVERS (43 IMPAIRED INJURY CRASHES)**

impaired driver residence index 48th worst

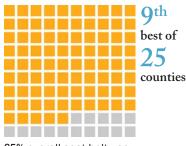
impaired driver crash location index 53<sup>th</sup> worst

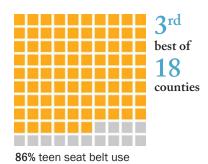
history of impaired driving index 57th worst

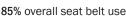
impaired male age 21-24 index 45<sup>th</sup> worst

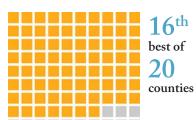
80134 80130 80138 80129 80126 80124 80104 80108 impaired driver zip codes of residence

# OCCUPANT PROTECTION (74 UNRESTRAINED INJURIES)











82% juvenile (5-15) seat belt use

77% kid (0-4) seat belt use

#### **ECONOMIC COSTS**

**\$71,080,600** property damage

\$11,012,700 injury costs

\$16,770,000 fatality costs

\$98,863,300 total cost

### **DOUGLAS COUNTY**

### **TEEN DRIVERS (47 TEEN INJURY CRASHES)**

at-fault teen drive residence index 20<sup>th</sup> worst

impaired teen driver residence index 43<sup>rd</sup> worst

**0.3%** of teens have texting, cell phone, and GDL violations

52<sup>nd</sup> worst of 64 counties

80134 80108 at-fault 80126 80129 teen driver 80138 80130 zip codes of 80104 80109 residence

### **AT-FAULT DRIVERS (292 INJURY CRASHES)**

at-fault driver residence index 39th worst

crash location index
53rd worse

### **OLDER DRIVERS (14 INJURY CRASHES)**

 $1.1 \begin{cases} \text{drivers age} \\ \text{75-79 index} \\ \text{13}^{\text{th}} \text{ worsh} \end{cases}$ 

drivers age 80-84 index 12<sup>th</sup> worst

1.2 drivers age 85-90+ index 11<sup>th</sup> worst

# OCCUPANT PROTECTION (cont.)

22%

unrestrained percent of injuries 45th WOrst

# RECKLESS DRIVERS (8 INJURY CRASHES)

1.0 history of reckless driving index 29th worst

reckless driver residence index 35th worst

### MOTORCYCLES (53 MOTORCYCLIST INJURIES)

rider-to-driver crash residen index

5th worst

crash residence index 24th worst

On most of the measures examined, Douglas County is either in the middle or among the best. Adult and teen seat belt use are higher than the state average. Impaired driving is lower than what would be expected. Other counties can benefit from examining how Douglas County has been successful.

Douglas County does rank 10th worst statewide with respect to the number of fatalities in 2010. Overall, 5% of

the state's alcohol-related fatal crashes occurred in Douglas County, making the County 14th worst out of Colorado's 64 counties.

Older drivers in Douglas County are more likely than others in their age cohorts to be involved as crash drivers.

Douglas County motorcyclists are 80% more likely to be injured in a crash than drivers, ranking 5th worst in the state.



# EAGLE COUNTY

29th
highest of 64 counties
rank in fatalities

4 fatal crashes
out of 409 statewide

4 fatalities out of 448 statewide

Primary challenges: reduce impaired driving by resident males age 21 to 24; maintain high occupant protection use; and continue to reduce impaired driving overall.

### **IMPAIRED DRIVERS (7 IMPAIRED INJURY CRASHES)**

impaired driver residence index 25<sup>th</sup> worst

impaired driver crash location index 34<sup>th</sup> worst

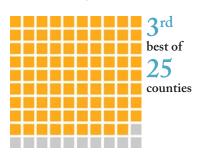
percent of alcohol-related fatal crashes 64th worst

1.3 Initial history of impaired driving index 7th worst

3 3 impaired male age 21-24 index 4<sup>th</sup> worst

81621 81657 81620 81632 impaired driver zip codes of residence

# OCCUPANT PROTECTION (25 UNRESTRAINED INJURIES)



89% overall seat belt use

20%

unrestrained percent of injuries

52nd WOrst

### **ECONOMIC COSTS**

\$16,210,200 property damage

\$3,723,300 injury costs

\$5,160,000 fatality costs

\$25,093,500 total cost

## **EAGLE COUNTY**

### **TEEN DRIVERS (5 TEEN INJURY CRASHES)**

at-fault teen driveresidence index 53<sup>rd</sup> worst

impaired teen drive residence index 33rd worst

1.1% of teens have texting, cell phone, and GDL violations

23rd worst of 64 counties

### AT-FAULT DRIVERS (105 INJURY CRASHES)

at-fault driver residence index 48th worst

### **OLDER DRIVERS (0 INJURY CRASHES)**

drivers age 70-74 index 49<sup>th</sup> worst

0.6 drivers age 75-79 index 43rd worst

drivers age 80-84 index 38<sup>th</sup> wors:

0.6 drivers age 85-90+ index 35th WORS

# RECKLESS DRIVERS (0 INJURY CRASHES)

2 1 { history of reckless driving index 1st worst

reckless driver residence index 47<sup>th</sup> worst

### MOTORCYCLES (4 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index 35th worst

crash residence index
43rd worst

In many respects, Eagle County outperforms other counties, particularly with respect to observed seat belt use (89%).

Out of all 64 counties, Eagle County is 4th worst with respect to the involvement of resident males age 21 to 24 in impaired driving crashes. These residents are 3.3 times more likely than other men in this age cohort to be impaired crash drivers.

Eagle County has 30% more residents with a history of impaired driving than would be expected, given the County's population. Similarly, residents are 2.1 times more likely to have a history of reckless driving or excessive speed than would be expected.



# **EL PASO**

highest of 64 counties rank in fatalities

fatal crashes out of 409 statewide

Primary challenges: Overall crash prevention, motorcycle crash prevention and impaired driving prevention.

### **IMPAIRED DRIVERS (122 INJURY CRASH DRIVERS)**

impaired driver residence index crash location index

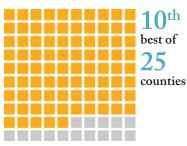
alcohol-related fatal crashes

history of impaired driving index
53rd WOrst

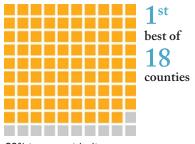
impaired male age 21-24 index **34**<sup>th</sup> WOrSt

80916 80910 impaired driver 80918 80917 zip codes of 80909 80907 residence 80906 80904

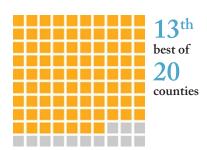
### **OCCUPANT PROTECTION (250 UNRESTRAINED** INJURIES)



85% overall seat belt use



89% teen seat belt use



87% kid (0-4) seat belt use

### **ECONOMIC COSTS**

\$187,980,000 property damage

\$36,525,300 injury costs

\$52,890,000 fatality costs

\$277,395,600 total cost

## **EL PASO COUNTY**

### **TEEN DRIVERS (140 INJURY CRASH DRIVERS)**

at-fault teen drive residence index 35<sup>th</sup> worst

impaired teen drive residence index 26th worst

**0.2%** of teens have texting, cell phone, and GDL violations

54<sup>th</sup> worst of 64 counties

80918 80917 at-fault 80920 80909 80906 80916 zip codes of 80911 80922 residence

### **AT-FAULT DRIVERS (873 INJURY CRASHES)**

at-fault driver residence index 34th worst

Crash location index 48<sup>th</sup> worsi

### **OLDER DRIVERS (31 INJURY CRASHES)**

drivers age 70-74 index 40<sup>th</sup> worst

0.9 drivers age 75-79 index 25<sup>th</sup> wors

drivers age 80-84 index 30<sup>th</sup> worst

0.9 drivers age 85-90+ index 24<sup>th</sup> WORS

# RECKLESS DRIVERS (20 INJURY CRASHES)

history of reckless driving index 56<sup>th</sup> worst

reckless driver residence index 32<sup>th</sup> worst

### MOTORCYCLES (154 MOTORCYCLIST INJURIES)

1 6 rider-to-driver crash residence index 11th worst

 $1 \cdot 1 \left\{ \begin{smallmatrix} \text{crash residence} \\ \text{index} \\ 12^{\text{th}} \text{ worst} \end{smallmatrix} \right.$ 

In 2010, El Paso County had the highest number of fatalities out of all Colorado counties. Among alcohol-related fatal crashes, 7% occurred in El Paso County, ranking it 3rd worst overall on this measure.

With respect to alcohol-related crashes overall, El Paso County is not among the top 20 worst counties in the state.

Occupant protection use is high, and El Paso County has the highest teen seat belt use rate.

Motorcycle riding residents are 60% more likely to be injured in a crash than drivers, ranking 11st worst overall. Residents who ride motorcycles are 10% more likely than other motorcyclists statewide to be involved in an injury crash, resulting in the County's rank of 12th worst.



# **ELBERT COUNTY**

19th
highest of 64 counties
rank in fatalities

5 fatal crashes
 out of 409 statewide
 6 fatalities
 out of 448 statewide

Primary challenges: crash prevention focused on teens and reckless drivers; and maintain low incidence of impaired driving.

### **IMPAIRED DRIVERS (3 IMPAIRED INJURY CRASHES)**

impaired driver residence index 54th worst

impaired driver crash location index 56<sup>th</sup> worst

20/0 { percent of alcohol-relate fatal crashes 13<sup>th</sup> wors:

history of impaired driving index 43rd worst

impaired male age 21-24 index 40<sup>th</sup> worst

80107 80105 80117 impaired driver zip codes of residence

OCCUPANT PROTECTION (8 UNRESTRAINED INJURIES)

300/0 unrestrained percent of injuries 22<sup>nd</sup> wors

### **TEEN DRIVERS (5 TEEN INJURY CRASHES)**

at-fault teen driv residence index 12<sup>th</sup> worst

impaired teen driver residence index 64th worst

**0.4**% of teens have texting, cell phone, and GDL violations

 $47^{th}$  worst of 64 counties

80107 at-fault teen driver zip codes of residence

### **ECONOMIC COSTS**

\$3,969,800 property damage

\$958,500 injury costs

**\$7,740,000** *fatality costs* 

\$12,668,300 total cost

### **ELBERT COUNTY**

### **AT-FAULT DRIVERS (21 INJURY CRASHES)**

at-fault driver residence index 35<sup>th</sup> worst

crash location index 58th worst

### **OLDER DRIVERS (1 INJURY CRASH)**

drivers age 70-74 index 64<sup>th</sup> worst

0.5 drivers age 75-79 index 48<sup>th</sup> wors

0.8 drivers age 80-84 index 37th wors:

drivers age 85-90+ index 64<sup>th</sup> wors:

# RECKLESS DRIVERS (2 INJURY CRASHES)

history of reckless driving index 8<sup>th</sup> worst

### MOTORCYCLES (8 MOTORCYCLIST INJURIES)

1 4 rider-to-driver crash residence index 17th worst

 $1.0 \begin{cases} \text{crash residence} \\ \text{index} \\ \text{14}^{\text{th}} \text{ worst} \end{cases}$ 

Teens living in Elbert County are 10% more likely than their peers to be at-fault crash drivers and Elbert County ranks 12th worst on this measure.

Elbert County crash drivers are 20% more likely to be cited with reckless driving or excessive speed resulting in a crash. The County has 60% more resident drivers with a recent history of reckless or excessive speed citations than expected, compared to the state average, resulting in the County's rank

of 8th worst on this measure.

Resident motorcyclists are 40% more likely to be injured in a crash than drivers in the County.



# FREMONT COUNTY

20th
highest of 64 counties
rank in fatalities

fatal crashes out of 409 statewide

6 fatalities out of 448 statewide

Primary challenges: impaired driving prevention focused on resident males age 21 to 24.

### **IMPAIRED DRIVERS (6 IMPAIRED INJURY CRASHES)**

impaired driver residence index 41st worst

impaired driver crash location index 48<sup>th</sup> worst

10/0 { percent of alcohol-relate fatal crashes 20th wors:

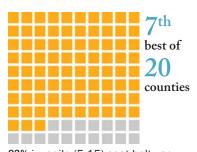
history of impaired driving index 37<sup>th</sup> worst

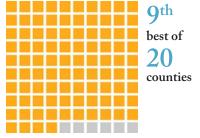
impaired male age 21-24 index 23rd worst

81212 81244 81226 81223 81240

impaired driver zip codes of residence

# OCCUPANT PROTECTION (14 UNRESTRAINED INJURIES)





83% juvenile (5-15) seat belt use

94% kid (0-4) seat belt use

### **ECONOMIC COSTS**

\$8,307,600 property damage

\$2,271,600 injury costs

\$7,740,000 fatality costs

\$18,319,200 total cost

## **FREMONT COUNTY**

### **TEEN DRIVERS (10 TEEN INJURY CRASHES)**

at-fault teen drive residence index 25<sup>th</sup> worst

impaired teen driver residence index 36th worst

3.6% of teens have texting, cell phone, and GDL violations

2<sup>nd</sup> worst of 64 counties

81212 81244 81240 81222 81226 81221 81223 81232

at-fault teen driver zip codes of residence

### **AT-FAULT DRIVERS (54 INJURY CRASHES)**

at-fault driver residence index 52nd worst

crash location index 60th wors

### **OLDER DRIVERS (5 INJURY CRASHES)**

drivers age 70-74 index 39<sup>th</sup> worst

75-79 index 35<sup>th</sup> wors

drivers age 80-84 index 31st worst

ranks 23rd worst on this measure.

0.5 drivers age 85-90+ index 38th WORS

On most measures examined, Fremont County is outper-

forming the majority of Colorado counties. Juvenile seat belt use and the proper use of restraints for children age 0 to 4 is

particularly high compared to other counties surveyed.

Resident males age 21 to 24 are 20% more likely than others

their age to be impaired crash drivers and Fremont County

# RECKLESS DRIVERS (1 INJURY CRASH)

history of reckless driving index 23<sup>rd</sup> worst

reckless driver residence index 29<sup>th</sup> worst

### MOTORCYCLES (7 MOTORCYCLIST INJURIES)

crash residence index 36th worst



# GARFIELD COUNTY

12th
highest of 64 counties

11 fatal crashes
out of 409 statewide
11 fatalities
out of 448 statewide

Primary challenges: overall crash prevention; and teen impaired driver prevention.

### **IMPAIRED DRIVERS (9 IMPAIRED INJURY CRASHES)**

impaired driver residence index 30th worst

impaired driver crash location index 32<sup>nd</sup> worst

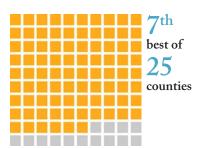
percent of alcohol-related fatal crashes 13th worst

1.3 history of impaired driving index 9th worst

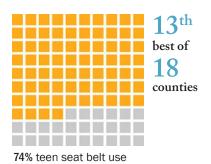
impaired male age 21-24 index 43rd worst

81601 81647 81623 81635 81650 81652 impaired driver zip codes of residence

# OCCUPANT PROTECTION (22 UNRESTRAINED INJURIES)



86% overall seat belt use



20% aunrestrained percent of injuries 53rd wors

### **ECONOMIC COSTS**

\$20,500,800 property damage

\$3,716,100 injury costs

\$14,190,000 fatality costs

\$38,406,900 total cost

## **GARFIELD COUNTY**

### **TEEN DRIVERS (14 TEEN INJURY CRASHES)**

at-fault teen drive residence index 30<sup>th</sup> worst

impaired teen drive residence index 23rd worst

2.1% of teens have texting, cell phone, and GDL violations

12<sup>th</sup> worst of 64 counties

81601 81647 81650 81635 81623 81653 zip

at-fault teen driver zip codes of residence

### **AT-FAULT DRIVERS (94 INJURY CRASHES)**

at-fault driver residence index 8th worst

12 Crash location index 21st wors

### **OLDER DRIVERS (4 INJURY CRASHES)**

drivers age 70-74 index 16<sup>th</sup> worst

drivers age 75-79 index 53rd WORS

drivers age 80-84 index 36th worst

0.8 drivers age 85-90+ index 29th WORS

# RECKLESS DRIVERS (2 INJURY CRASHES)

history of reckless driving index 2<sup>nd</sup> worst

### MOTORCYCLES (5 MOTORCYCLIST INJURIES)

7 rider-to-driver crash residence index 37th worst

 $0.5 \begin{cases} \text{crash residence} \\ \text{index} \\ 38^{\text{th}} \text{ worst} \end{cases}$ 

In 2010, Garfield County had the 12th highest number of fatalities among Colorado's 64 counties.

other teens statewide to be impaired crash drivers, resulting in the County's ranking of 23rd worst.

Despite the high number of fatalities, Garfield County performs well on a number of traffic safety measures; including occupant protection use and most measures of impaired driving.

However, Garfield County teens are 10% more likely than



# GILPIN COUNTY





Primary challenges: impaired driving prevention overall and reducing impaired driving by resident males age 21 to 24; teen crash and older driver crash prevention; occupant protection.

### **IMPAIRED DRIVERS (2 IMPAIRED INJURY CRASHES)**

impaired driver residence index 12<sup>th</sup> worst

impaired driver crash location index 2<sup>nd</sup> worst

percent of alcohol-related fatal crashes 64th worst

history of impaired driving index 3<sup>rd</sup> worst

1.8 impaired male age 21-24 index 13<sup>th</sup> worst

impaired driver zip codes of residence

### OCCUPANT PROTECTION (10 UNRESTRAINED INJURIES)

 $32\% \begin{cases} \text{unrestrained percent of injuries} \\ \mathbf{14}^{\text{th}} \text{ wors} \end{cases}$ 

### **TEEN DRIVERS (2 TEEN INJURY CRASHES)**

1.5 at-fault teen driver residence index 2nd worst

impaired teen driver residence index 64<sup>th</sup> worst

**0**% of teens have texting, cell phone, and GDL violations

80422 80427 80474 at-fault teen driver zip codes of residence

### **ECONOMIC COSTS**

\$1,978,800 property damage

\$1,046,100 injury costs

**\$0**fatality costs

\$3,024,900 total cost

### **GILPIN COUNTY**

### AT-FAULT DRIVERS (28 INJURY CRASHES)

1.0 at-fault driver residence index 7th worst

 $1.5 \begin{cases} \text{crash location} \\ \text{index} \\ \text{11}^{\text{th}} \text{ worst} \end{cases}$ 

### **OLDER DRIVERS (1 INJURY CRASH)**

drivers age 70-74 index 46<sup>th</sup> worst

0.6 drivers age 75-79 index 42<sup>nd</sup> wors

drivers age 80-84 index 13<sup>th</sup> worst

drivers age 85-90+ index 64<sup>th</sup> worst

# RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 17<sup>th</sup> worst

reckless driver residence index 36th worst

### MOTORCYCLES (1 MOTORCYCLIST INJURY)

rider-to-driver crash residence index
36th worst

crash residence index 27<sup>th</sup> worst

Drivers that crash in Gilpin County are 3.2 times more likely to be impaired than crash drivers elsewhere in the state. Gilpin County ranks 2nd worst out of 64 counties on this measure. Male Gilpin County residents between the ages of 21 and 24 are 80% more likely than their peers statewide to be impaired crash drivers.

Teens living in Gilpin County are 50% more likely than teens elsewhere to be at-fault drivers in a crash, resulting in the County's rank of 2nd worst statewide.

Gilpin County resident drivers between the ages of 80 and 84 are 70% more likely to be involved in a crash than others their age statewide.

Among vehicle occupants injured in a crash, 32% were unrestrained, the 14th worst rate in the state.



# GRAND COUNTY

33rd
highest of 64 counties
rank in fatalities

3 fatal crashes out of 409 statewide

3 fatalities out of 448 statewide

Primary challenges: impaired driving prevention overall and focused on teens and males age 21 to 24; overall crash prevention and crashes involving teens and older drivers.

### **IMPAIRED DRIVERS (8 IMPAIRED INJURY CRASHES)**

impaired driver residence index 13<sup>th</sup> worst

impaired driver crash location index 17<sup>th</sup> worst

 $\frac{10}{0} \begin{cases} \text{percent of alcohol-related fatal crashes} \\ 20^{\text{th}} \text{ worst} \end{cases}$ 

1.3 history of impaired driving index 14<sup>th</sup> worst

impaired male age 21-24 index 19<sup>th</sup> worst

80446 80482 80459 80447 80442 80478 impaired driver zip codes of residence

OCCUPANT PROTECTION (14 UNRESTRAINED INJURIES)

270/0  $\begin{cases} \text{unrestrained percent of injuries} \\ 30^{\text{th}} \text{ wors} \end{cases}$ 

### **TEEN DRIVERS (5 TEEN INJURY CRASHES)**

at-fault teen driver residence index 30th worst

impaired teen drive residence index 7th worst

1.5% of teens have texting, cell phone, and GDL violations

15<sup>th</sup> worst of 64 counties

80446 80442 80459 80482 80447 80478

at-fault teen driver zip codes of residence

### **ECONOMIC COSTS**

**\$4,719,400** property damage

\$2,080,800 injury costs

\$3,870,000 fatality costs

\$10,670,200 total cost

### **GRAND COUNTY**

### **AT-FAULT DRIVERS (42 INJURY CRASHES)**

at-fault driver residence index 22<sup>nd</sup> worst crash location index 19<sup>th</sup> worst

### **OLDER DRIVERS (1 INJURY CRASH)**

drivers age 80-84 index 2nd worst

drivers age 85-90+ index 64<sup>th</sup> worst

### **RECKLESS DRIVERS** (1 INJURY CRASH)

history of reckless driving index

reckless driver residence index

### **MOTORCYCLES** (5 MOTORCYCLIST **INJURIES**)

crash residence

In Grand County, residents are 10% more likely to be impaired crash drivers than other statewide, and Grand County ranks 13th worst out of 64 counties on this measure. Teens living in Grand are 2.2 times more likely than other teens to be impaired crash drivers, resulting in the County's rank of 7th worst. Male residents between the ages of 21 and 24 are 30% more likely than expected to be impaired crash drivers and the County ranks 19th worst on this measure.

Residents age 80 to 84 are 3.7 times more likely to be crash drivers than others their age living in Colorado, and this is the 2nd worst ranking statewide.



# GUNNISON COUNTY

40th
highest of 64 counties
rank in fatalities

2 fatal crashes out of 409 statewide

2 fatalities out of 448 statewide

Primary challenges: occupant protection overall; impaired driving prevention focused on men age 21 to 24; and older driver crash prevention.

#### **IMPAIRED DRIVERS (4 IMPAIRED INJURY CRASHES)**

impaired driver residence index 42<sup>nd</sup> worst

impaired driver crash location index 29<sup>th</sup> worst

percent of alcohol-related fatal crashes

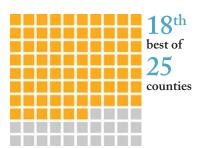
1.3 history of impaired driving index 15th worst

impaired male age 21-24 index 16<sup>th</sup> worst

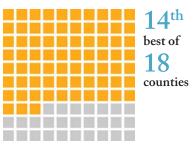
81230 81224 81231

impaired driver zip codes of residence

# OCCUPANT PROTECTION (38 UNRESTRAINED INJURIES)



76% overall seat belt use



73% teen seat belt use

 $\begin{array}{c} 61\% \\ \end{array} \left\{ \begin{smallmatrix} \text{unrestrained} \\ \text{percent of} \\ \text{injuries} \\ \begin{smallmatrix} 2^{\text{nd}} \end{bmatrix} \right. \end{array} \right.$ 

#### **ECONOMIC COSTS**

\$3,730,400 property damage

\$2,367,600 injury costs

\$2,580,000 fatality costs

\$8,678,000 total cost

### **GUNNISON COUNTY**

#### **TEEN DRIVERS (2 TEEN INJURY CRASHES)**

at-fault teen drive residence index 60th worst

impaired teen drive residence index 41st worst

2.3% of teens have texting, cell phone, and GDL violations.

9<sup>th</sup> worst of 64 counties

81230 81224 81231 81225 at-fault teen driver zip codes of residence

#### **AT-FAULT DRIVERS (25 INJURY CRASHES)**

at-fault driver residence index 46th worst

crash location index 35<sup>th</sup> worsh

#### **OLDER DRIVERS (1 INJURY CRASH)**

drivers age 75-79 index 64<sup>th</sup> worst

drivers age 80-84 index 6<sup>th</sup> worst

drivers age 85-90+ index 9th worst

# RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 20<sup>th</sup> worst

#### MOTORCYCLES: (0 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index 64th worst

 $\begin{array}{c}
\text{crash residence} \\
\text{index} \\
\text{64}^{\text{th}} \text{ worst}
\end{array}$ 

Observed seat belt use in Gunnison County is below the state average. Of those injured in Gunnison County crashes, 61% were unrestrained; the 2nd worst rate in the state.

Resident males age 21 to 24 are 50% more likely to be impaired crash drivers than others their age living elsewhere. Out of 64 counties, Gunnison ranks 16th worst on this measure.

Gunnison County has an older driver challenge. Drivers age 80 to 84 are 70% more likely to be crash drivers than their peers and those 85 and older are 40% more likely to be crash drivers. Gunnison County ranks 6th and 9th worst on these measures respectively.



# HINSDALE COUNTY

53rd
highest of 64 counties
rank in fatalities

1 fatal crash out of 409 statewide1 fatality

Primary challenges: older driver crash prevention and impaired driving prevention focused on men age 21 to 24.

#### **IMPAIRED DRIVERS (1 IMPAIRED INJURY CRASH)**

impaired driver residence index 17<sup>th</sup> worst

impaired driver crash location index 26<sup>th</sup> worst

percent of alcohol-related fatal crashes 20th worst

history of impaired driving index 62<sup>nd</sup> worst

16.0 impaired male age 21-24 index 1st worst

81235 impaired driver zip codes of residence

OCCUPANT PROTECTION (2 UNRESTRAINED INJURIES)

180/0 unrestrained percent of injuries 57th wors

#### **TEEN DRIVERS (0 TEEN INJURY CRASHES)**

at-fault teen driv residence index 56th worst

impaired teen driver residence index 64th worst

**0**% of teens have texting, cell phone, and GDL violations

81235 at-fault teen driver zip codes of residence

#### **ECONOMIC COSTS**

\$369,000 property damage

\$332,700 injury costs

\$1,290,000 fatality costs

\$1,991,700 total cost

### **HINSDALE COUNTY**

#### **AT-FAULT DRIVERS (9 INJURY CRASHES)**

1.1 at-fault driver residence index 2nd worst

 $2 \cdot 0 \begin{cases} \text{crash location index} \\ \mathbf{5}^{\text{th}} \text{ worst} \end{cases}$ 

#### **OLDER DRIVERS (0 INJURY CRASHES)**

2.1 drivers age 70-74 index 3<sup>rd</sup> worst

4.9 drivers age 75-79 index 1st wors

 $8.0 \tiny \begin{cases} \text{drivers age} \\ \text{85-90+ index} \\ \text{1}^{\text{st}} \text{ worst} \end{cases}$ 

# RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 26<sup>th</sup> worst

reckless driver residence index 64th worst

#### MOTORCYCLES (1 MOTORCYCLIST INJURY)

rider-to-driver crash residence index 3rd worst

 $1.8 \left\{ \begin{smallmatrix} \text{crash residence} \\ \text{index} \\ 1^{\text{st}} \text{ worst} \end{smallmatrix} \right.$ 

Hinsdale County men age 21 to 24 are 16 times more likely than others their age to be impaired crash drivers, making Hinsdale County the worst in the state on this measure.

Hinsdale County has a challenge with respect to older drivers' involvement in crashes; it ranks worst in the state in every age cohort but one, and is third worst for that category. Residents age 80 to 84 are 7.3 times more likely to be involved in a crash than others in their age group statewide.

Similarly drivers age 85 and older are 8 times more likely to be in a crash.



# HUERFANO COUNTY

24th
highest of 64 counties
rank in fatalities

5 fatal crashes out of 409 statewide
5 fatalities out of 448 statewide

Primary challenges: impaired driving crash prevention focused on all drivers, not just residents; increasing occupant protection use by all vehicle occupants; and older driver crash prevention.

#### **IMPAIRED DRIVERS (5 IMPAIRED INJURY CRASHES)**

impaired driver residence index 9th worst

impaired driver crash location index 4<sup>th</sup> worst

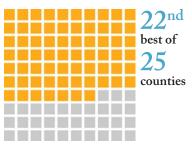
percent of alcohol-related fatal crashes 20th worst

history of impaired driving index 48<sup>th</sup> worst

impaired male age 21-24 index 15<sup>th</sup> worst

81089 81040 81055 impaired driver zip codes of residence

# OCCUPANT PROTECTION (8 UNRESTRAINED INJURIES)



67% overall seat belt use

**19%** 

unrestrained percent of injuries

55th WOrst

#### **ECONOMIC COSTS**

\$3,970,000 property damage

\$1,287,000 injury costs

\$6,450,000 fatality costs

\$11,707,000 total cost

### **HUERFANO COUNTY**

#### **TEEN DRIVERS (1 TEEN INJURY CRASH)**

at-fault teen drive residence index 31st worst

impaired teen driver residence index 64th worst

0.9% of teens have texting, cell phone, and GDL violations

29th worst of 64 counties

81089 81040

at-fault teen driver zip codes of residence

#### **AT-FAULT DRIVERS (37 INJURY CRASHES)**

at-fault driver residence index 20th worst

#### **OLDER DRIVERS (2 INJURY CRASHES)**

drivers age 70-74 index 8<sup>th</sup> worst

0.8 drivers age 75-79 index 28<sup>th</sup> WORS

drivers age 80-84 index 16<sup>th</sup> worsi

 $0.8 \begin{cases} \text{drivers age} \\ 85-90+\text{index} \\ \textbf{25}^{\text{th}} \text{ worst} \end{cases}$ 

# RECKLESS DRIVERS (2 INJURY CRASHES)

history of reckless driving index 15<sup>th</sup> worst

reckless driver residence index 59<sup>th</sup> worst

#### MOTORCYCLES (0 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index 64th worst

Crash residence index 64th worst

Drivers in Huerfano County are 90% more likely to be involved in a crash than drivers statewide; the county ranks 6th worst on this measure.

Resident crash drivers are 20% more likely than drivers statewide to be impaired at the time of a crash, and Huerfano County ranks 9th worst on this measure. For crashes that occur in Huerfano County, drivers are 2 times as likely to be impaired than drivers involved in crashes elsewhere, resulting in the County's rank of 4th worst overall.

Overall, 67% of vehicle occupants were observed to be properly restrained during the statewide seat belt survey; this rate is well below the state average.

Resident drivers age 70 to 74 are 40% more likely than their peers statewide to be involved in a crash, resulting in the County's rank of 8th worst.



# JACKSON COUNTY





Primary challenges: impaired driving prevention overall and teen-focused; occupant protection use; motorcycle crash prevention; and reckless driving prevention.

#### **IMPAIRED DRIVERS (2 IMPAIRED INJURY CRASHES)**

1.9 impaired driver residence index 1st worst

impaired driver crash location index 6<sup>th</sup> worst

percent of alcohol-related fatal crashes 64th worst

history of impaired driving index 56<sup>th</sup> worst

impaired male age 21-24 index 64th worst

80480 80434 impaired driver zip codes of residence

#### OCCUPANT PROTECTION (6 UNRESTRAINED INJURIES)

46% unrestrained percent of injuries 6th worst

#### **TEEN DRIVERS (1 TEEN INJURY CRASH)**

at-fault teen drive residence index 14<sup>th</sup> worst

impaired teen driver residence index 1st worst

**0**% of teens have texting, cell phone, and GDL violations

80480 at-fault teen driver zip codes of residence

#### **ECONOMIC COSTS**

\$771,400 property damage

\$514,200 injury costs

**\$0**fatality costs

\$1,285,600 total cost

### **JACKSON COUNTY**

#### AT-FAULT DRIVERS (10 INJURY CRASHES)

0.6 at-fault driver residence index 51st worst

2.5 { crash location index 4<sup>th</sup> worst

#### **OLDER DRIVERS (0 INJURY CRASHES)**

drivers age 70-74 index 64<sup>th</sup> worst

drivers age 75-79 index 64<sup>th</sup> wors

drivers age 80-84 index 64<sup>th</sup> worst

drivers age 85-90+ index 64<sup>th</sup> worsi

#### RECKLESS DRIVERS (1 INJURY CRASH)

history of reckless driving index 49th worst

2.8 reckless driver residence index 3rd worst

#### MOTORCYCLES (1 MOTORCYCLIST INJURY)

13 rider-to-driver crash residence index 19th worst

2.1 {crash residence index 3rd worst}

Teens in Jackson County are 5.5 times more likely to be impaired crash drivers than teens elsewhere in the state, and the County is the worst in the state. Residents involved in crashes are nearly 2 times as likely to be impaired than other crash drivers, making Jackson County the worst statewide for overall impaired crash driving.

Among those injured in crashes in the County, 46% were unrestrained, the 6th worst rate in the state.

Jackson County residents who ride motorcycles are 2.1 times more likely than riders statewide to be injured in a crash, and the County ranks 3rd worst in the state on this measure.

Overall, Jackson County is a dangerous place to drive. Drivers in the County are 2.5 times more likely to be involved in a crash than drivers statewide, resulting in the County's rank of 4th worst.

Drivers in Jackson County are 2.8 times more likely than drivers statewide to be cited with reckless driving or excessive speed resulting in a crash; the 3rd worst statewide.



# **JEFFERSON**

highest of 64 counties rank in fatalities

fatal crashes out of 409 statewide

Primary challenges: overall crash reduction; teen crash and impaired driving prevention; and older driver crash prevention.

#### **IMPAIRED DRIVERS (123 IMPAIRED INJURY CRASHES)**

impaired driver residence index impaired driver crash location index

alcohol-related fatal crashes

history of impaired driving index

impaired male age 21-24 index **36**<sup>th</sup> WOrSt

80004 80214 impaired driver 80033 80021 zip codes of 80226 80228 residence 80401 80003

**ECONOMIC COSTS** 

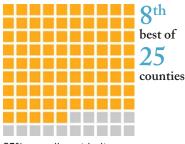
\$187,299,000

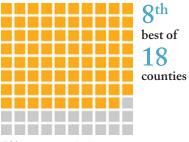
property damage

\$31,789,200

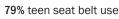
injury costs

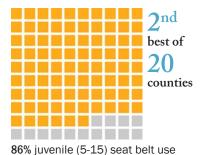
#### **OCCUPANT PROTECTION (267 UNRESTRAINED** INJURIES)

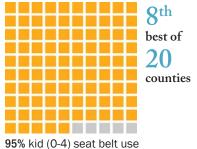




85% overall seat belt use







\$45,150,000 fatality costs

\$264,238,200 total cost

### **JEFFERSON COUNTY**

#### **TEEN DRIVERS (123 TEEN INJURY CRASHES)**

at-fault teen drive residence index 3<sup>rd</sup> worst

impaired teen driver residence index 25th worst

**0.3%** of teens have texting, cell phone, and GDL violations

51st worst of 64 counties

#### **AT-FAULT DRIVERS (922 INJURY CRASHES)**

at-fault driver residence index 4th worst

1.0 { crash location index 33rd worst

#### **OLDER DRIVERS (64 INJURY CRASHES)**

drivers age 70-74 index 14<sup>th</sup> worst

 $1 \cdot 1 \left\{ \begin{smallmatrix} \text{drivers age} \\ \text{75-79 index} \\ 16^{\text{th}} \text{ worsing age} \end{smallmatrix} \right.$ 

1.5 drivers age 80-84 index 8<sup>th</sup> worst

1.0 { drivers age 85-90+ index 19<sup>th</sup> worst

# OCCUPANT PROTECTION (cont.)

26%

unrestrained percent of injuries 36th worst

#### RECKLESS DRIVERS (18 INJURY CRASHES)

history of reckless driving index 28th worst

reckless driver residence index 24th worst

#### MOTORCYCLES (138 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index 20th worst

In many cases, Jefferson County performs as well as or better than other counties on many of the measures examined. Jefferson County had the highest proportion of children ages 0 to 4 properly restrained. Other counties could learn from Jefferson County.

Jefferson County had the 4th highest number of fatalities in 2010. Overall, 7% of the state's alcohol-related fatal crashes occurred in Jefferson County, making it the 3rd worst county

out of 64. Residents involved in crashes are 10% more likely to be impaired than crash drivers elsewhere, and Jefferson County ranks 15th worst on this aspect.

Jefferson County teens are 30% more likely to be involved in a crash than teens statewide, resulting in the County's rank of 3rd worst.

The County's older drivers are an emerging safety challenge.



# KIOWA COUNTY





2 fatalities out of 448 statewide

Primary challenges: crash prevention focused on drivers age 70 to 74; increase occupant protection; and maintain low impaired driving crash incidence.

#### **IMPAIRED DRIVERS (1 IMPAIRED INJURY CRASH)**

impaired driver residence index 64<sup>th</sup> worst

impaired driver crash location index 50<sup>th</sup> worst

percent of alcohol-related fatal crashes 64th worst

history of impaired driving index 63rd worst

impaired male age 21-24 index 64th worst



OCCUPANT PROTECTION (2 UNRESTRAINED INJURIES)

29% unrestrained percent of injuries 26th worst

#### **TEEN DRIVERS (0 TEEN INJURY CRASHES)**

at-fault teen drive residence index 22<sup>nd</sup> worst

impaired teen driver residence index 64th worst

**0**% of teens have texting, cell phone, and GDL violations

81036 at-fault teen driver zip codes of residence

#### **ECONOMIC COSTS**

\$296,200 property damage

\$245,100 injury costs

\$2,580,000 fatality costs

\$3,121,300 total cost

### **KIOWA COUNTY**

#### **AT-FAULT DRIVERS (3 INJURY CRASHES)**

1 0 { crash location index 30th wors

#### **OLDER DRIVERS (0 INJURY CRASHES)**

drivers age 70-74 index 7<sup>th</sup> worst

drivers age 75-79 index 64th wors

drivers age 80-84 index 64<sup>th</sup> wors

drivers age 85-90+ index 64<sup>th</sup> wors:

#### RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 53rd worst

reckless driver residence index 64th worst

#### MOTORCYCLES (0 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index 64th worst

crash residence index 64th worst

Kiowa County has some of the best impaired driving-related measures in the state. Other counties could learn from Kiowa County's example.

Of those injured in crashes, 29% were unrestrained, resulting in Kiowa County's 26th worst ranking.

Kiowa County residents age 70 to 74 are 40% more likely than others their age to be crash drivers and Kiowa County's elders in this age cohort are the 7th worst statewide.



# KIT CARSON COUNTY

13th
highest of 64 counties
rank in fatalities

3 fatal crashes out of 409 statewide

7 fatalities out of 448 statewide

Primary challenges: increasing adult occupant protection use; and crash prevention focused on drivers age 85 and older.

#### **IMPAIRED DRIVERS (4 IMPAIRED INJURY CRASHES)**

impaired driver residence index 32<sup>nd</sup> worst

impaired driver crash location index 25<sup>th</sup> worst

percent of alcohol-related fatal crashes 20th worst

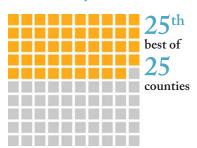
history of impaired driving index 61st worst

impaired male age 21-24 index 37th worst

80807 80815 80836

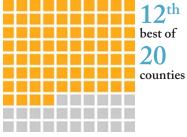
impaired driver zip codes of residence

# **OCCUPANT PROTECTION (9 UNRESTRAINED INJURIES)**

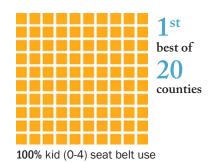


49% overall seat belt use

470/0 unrestrained percent of injuries 4th worst



74% juvenile (5-15) seat belt use



#### **ECONOMIC COSTS**

\$2,019,800 property damage

\$645,600 injury costs

\$9,030,000 fatality costs

\$11,695,400 total cost

## **KIT CARSON COUNTY**

#### **TEEN DRIVERS (5 TEEN INJURY CRASHES)**

at-fault teen drive residence index 44<sup>th</sup> worst

impaired teen driver residence index 32<sup>nd</sup> worst

1.2% of teens have texting, cell phone, and GDL violations

20th worst of 64 counties

80807 80805 80815 80861 80836 at-fault teen driver zip codes of residence

#### **AT-FAULT DRIVERS (17 INJURY CRASHES)**

at-fault driver residence index 45th worst

crash location index 41st wors:

#### **OLDER DRIVERS (1 INJURY CRASH)**

drivers age 70-74 index 41st worst

0.9 drivers age 75-79 index 22<sup>nd</sup> worst

drivers age 80-84 index 35<sup>th</sup> worst

 $1.6 \begin{cases} \text{drivers age} \\ \text{85-90+ index} \\ \text{5th worst} \end{cases}$ 

# RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 38<sup>th</sup> worst

#### MOTORCYCLES (1 MOTORCYCLIST INJURY)

7 Trider-to-driver crash residence index 44th worst

crash residence index 39th worst

Less than half of Kit Carson County's drivers were observed using seat belts, while all of the children age 0 to 4 were properly restrained. Among those injured in crashes, 47% were unrestrained, the 4th worst rate in the state.

Residents age 85 and older are 60% more likely than other drivers their age to be involved in a crash. Kit Carson County ranked 5th worst statewide.



# LA PLATA COUNTY

21st
highest of 64 counties
rank in fatalities

6 fatal crashes out of 409 statewide

fatalities
out of 448 statewide

Primary challenges: impaired driving prevention overall and for teens and men ages 21-24; increasing teen occupant protection use; and older driver crash prevention.

#### **IMPAIRED DRIVERS: (15 IMPAIRED INJURY CRASHES)**

1.0 impaired driver residence index 18th worst

impaired driver crash location index 16<sup>th</sup> worst

percent of alcohol-related fatal crashes 64th worst

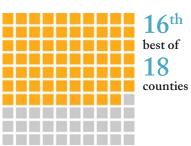
13 history of impaired driving index 10<sup>th</sup> worst

impaired male age 21-24 index 17<sup>th</sup> worst

81301 81137 81122

impaired driver zip codes of residence

# **OCCUPANT PROTECTION: (37 UNRESTRAINED INJURIES)**

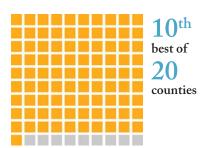


69% teen seat belt use

4th
best of
20
counties

84% juvenile (5-15) seat belt use

23%  $\begin{cases} \text{unrestrain} \\ \text{percent of} \\ \text{injuries} \\ 43^{\text{rd}} \text{ wo} \end{cases}$ 



91% kid (0-4) seat belt use

#### **ECONOMIC COSTS**

\$19,384,200 property damage

\$5,475,600 injury costs

\$7,740,000 fatality costs

\$32,599,800 total cost

### LA PLATA COUNTY

#### **TEEN DRIVERS: (16 TEEN INJURY CRASHES)**

at-fault teen drive residence index 27<sup>th</sup> worst

impaired teen driver residence index 21st worst

**0.9%** of teens have texting, cell phone, and GDL violations

 $28^{th}$  worst of 64 counties

81301 81122 81303 81326 81137

at-fault teen driver zip codes of residence

#### **AT-FAULT DRIVERS: (138 INJURY CRASHES)**

at-fault driver residence index 18th worst

crash location index 18<sup>th</sup> wors

#### **OLDER DRIVERS: (3 INJURY CRASHES)**

drivers age 70-74 index 28<sup>th</sup> worst

1.0 drivers age 75-79 index 18<sup>th</sup> worst

1.3 drivers age 80-84 index 14<sup>th</sup> wors

drivers age 85-90+ index 21st WORS

# RECKLESS DRIVERS: (3 INJURY CRASHES)

history of reckless driving index 47th worst

13 reckless driver residence index 10<sup>th</sup> worst

#### MOTORCYCLES: (13 MOTORCYCLIST INJURIES)

crash residence index 23<sup>rd</sup> worst

While La Plata County's child and juvenile seat belt use are high, teen seat belt use lags well behind the state average.

Impaired driving is a problem in La Plata County. Resident males ages 21 to 24 are 40% more likely to be impaired crash drivers than their peers statewide, resulting in the County's rank of 17th worst overall. Similarly, County teens are 30% more likely to be impaired crash drivers than teens statewide; the County ranks 21st worst on this measure.

Resident drivers between the ages of 80 and 84 are 30% more likely than others their age statewide to be involved in crashes, and the County ranks 14th worst overall.



# LAKE COUNTY

34th
highest of 64 counties
rank in fatalities

3 fatal crashes out of 409 statewide

3 fatalities out of 448 statewide

Primary challenges: crash prevention overall and prevention efforts focused reckless driving and excessive speed; and increasing occupant protection use.

#### **IMPAIRED DRIVERS (2 IMPAIRED INJURY CRASHES)**

impaired driver residence index 51st worst

impaired driver crash location index 52<sup>nd</sup> worst

percent of alcohol-related fatal crashes 14th worst

history of impaired driving index 1st worst

impaired male age 21-24 index 64<sup>th</sup> worst

impaired driver zip codes of residence

OCCUPANT PROTECTION (8 UNRESTRAINED INJURIES)

440/0 unrestrained percent of injuries 7th worst

#### **TEEN DRIVERS (3 TEEN INJURY CRASHES)**

at-fault teen driveresidence index 54th worst

impaired teen driver residence index 64th worst

1.3% of teens have texting, cell phone, and GDL violations

17<sup>th</sup> worst of 64 counties

80461 at-fault teen driver zip codes of residence

#### **ECONOMIC COSTS**

\$894,800 property damage

\$531,900 injury costs

\$3,870,000 fatality costs

\$5,296,700 total cost

## **LAKE COUNTY**

#### **AT-FAULT DRIVERS (13 INJURY CRASHES)**

at-fault driver residence index 31st worst

crash location index 63rd worst

#### **OLDER DRIVERS (0 INJURY CRASHES)**

drivers age 70-74 index 45<sup>th</sup> wors

drivers age 80-84 index 64<sup>th</sup> worst

drivers age 85-90+ index 64<sup>th</sup> wors:

# RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 3<sup>rd</sup> worst

 $3.1 \begin{cases} \text{reckless driver} \\ \text{residence index} \\ \text{2}^{\text{nd}} \text{ worst} \end{cases}$ 

#### MOTORCYCLES (1 MOTORCYCLIST INJURY)

0.6 {crash residence index 34th worst

Lake County residents are 3.1 times more likely to be cited for reckless driving or excessive speed causing a crash than other drivers statewide. Lake County ranks 2nd worst overall on this measure.

Among those injured in crashes, 44% were unrestrained, the 7th worst rate in the state.



# LARIMER

highest of 64 counties rank in fatalities

fatal crashes out of 409 statewide

Primary challenges: maintain impaired driving crash prevention gains and high occupant protection use; and older driver crash prevention.

#### **IMPAIRED DRIVERS (66 IMPAIRED INJURY CRASHES)**

residence index

impaired driver crash location index alcohol-related fatal crashes

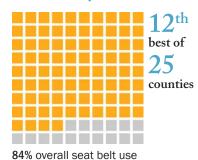
history of impaired driving index

age 21-24 index

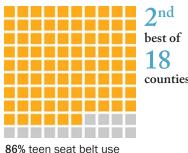
80537 80525 80526 80524 80521 80528 80538 80513

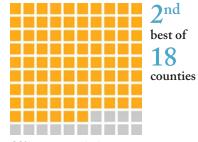
impaired driver zip codes of residence

#### **OCCUPANT PROTECTION (181 UNRESTRAINED INJURIES)**



92% juvenile (5-15) seat belt use







**ECONOMIC COSTS** 

\$102,461,000

property damage





\$20,640,000 fatality costs

100% kid (0-4) seat belt use

\$143,865,200 total cost

### **LARIMER COUNTY**

#### **TEEN DRIVERS (71 TEEN INJURY CRASHES)**

at-fault teen drive residence index 24<sup>th</sup> worst

impaired teen drive residence index 37th worst

**0.5%** of teens have texting, cell phone, and GDL violations

41<sup>st</sup> worst of 64 counties

80526 80537 at-fault 80525 80524 teen driver 80521 80528 zip codes of 80538 80513 residence

#### AT-FAULT DRIVERS (600 INJURY CRASHES)

at-fault driver residence index 24th worst

crash location index 38<sup>th</sup> worsi

#### **OLDER DRIVERS (18 INJURY CRASHES)**

drivers age 70-74 index 34<sup>th</sup> worst

 $0.9^{\text{drivers age}\atop 75.79 \text{ index}\atop 26^{\text{th}}\text{ worsh}}$ 

1 1 { drivers age 80-84 index 20<sup>th</sup> worst

drivers age 85-90+ index 16<sup>th</sup> worst

# OCCUPANT PROTECTION (cont.)

**27%** 

unrestrained percent of injuries

32nd WOrst

# RECKLESS DRIVERS 15 INJURY CRASHES

 $\frac{1}{0} \begin{cases} \text{history of reckless} \\ \text{driving index} \\ 30^{\text{th}} \text{ worst} \end{cases}$ 

reckless driver residence index 33rd worst

#### MOTORCYCLES (79 MOTORCYCLIST INJURIES)

15 { rider-to-driver crash residence index 14<sup>th</sup> worst

 $1.0 \left\{ \begin{smallmatrix} \text{crash residence} \\ \text{index} \\ \text{17}^{\text{th}} \text{ worst} \end{smallmatrix} \right.$ 

Overall, Larimer County performs better than many counties on most of the traffic safety measures examined. Observed seat belt use is high for all ages.

Despite these good indicators, Larimer County had the 9th highest number of fatalities in 2010.

Maintaining and continuing to improve occupant protection rates and impaired crash prevention will be an ongoing chal-

lenge.

Larimer County's resident drivers age 80 to 84 and 85+ are 10% more likely than others their age to be involved in crashes. The County ranks 20th and 16th worst respectively on this measure.



# LAS ANIMAS COUNTY

14th
highest of 64 counties
rank in fatalities

6 fatal crashes out of 409 statewide

7 fatalities out of 448 statewide

Primary challenges: overall crash and impaired driving prevention; teen-focused crash and impaired driving prevention; older driver crash prevention; and increasing occupant protection use.

#### **IMPAIRED DRIVERS (8 IMPAIRED INJURY CRASHES)**

1 2 impaired driver residence index 6th worst

impaired driver crash location index 13<sup>th</sup> worst

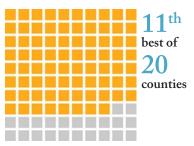
percent of alcohol-related fatal crashes 64th worst

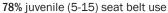
history of impaired driving index 42<sup>nd</sup> worst

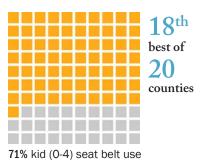
impaired male age 21-24 index 47<sup>th</sup> worst

81082 impaired driver zip codes of residence

# OCCUPANT PROTECTION (11 UNRESTRAINED INJURIES)







 $29\% \begin{cases} \text{unrestrained} \\ \text{percent of} \\ \text{injuries} \\ \text{25}^{\text{th}} \text{ wors} \end{cases}$ 

#### **ECONOMIC COSTS**

\$6,489,400 property damage

\$1,337,100 injury costs

**\$9,030,000** *fatality costs* 

\$16,856,500 total cost

### LAS ANIMAS COUNTY

#### **TEEN DRIVERS (7 TEEN INJURY CRASHES)**

at-fault teen drive residence index 7<sup>th</sup> worst

2.1 { impaired teen drive residence index 10<sup>th</sup> worst

1.1% of teens have texting, cell phone, and GDL violations

24th worst of 64 counties

81082 81024 81020 81081 81049 at-fault teen driver zip codes of residence

#### **AT-FAULT DRIVERS (32 INJURY CRASHES)**

at-fault driver residence index 17th worst

13 { crash location index 13<sup>th</sup> worst

#### **OLDER DRIVERS (0 INJURY CRASHES)**

1 2 drivers age 70-74 index 12<sup>th</sup> worst

1.2 drivers age 75-79 index 11<sup>th</sup> worst

1 1 { drivers age 80-84 index 19<sup>th</sup> worst

drivers age 85-90+ index 28<sup>th</sup> WORS

# RECKLESS DRIVERS (1 INJURY CRASH)

history of reckless driving index 61st worst

1.5 reckless driver residence index 7th worst

# MOTORCYCLES (2 MOTORCYCLIST INJURIES)

 $1 \quad 1 \quad \begin{cases} \text{rider-to-driver} \\ \text{crash residence} \\ \text{index} \\ \text{23}^{\text{rd}} \text{ worst} \end{cases}$ 

crash residence index 35th worst

The focus in recent years on decreasing impaired driving by men age 21 to 34 in Las Animas County has been successful and should be continued. Las Animas County resident crash drivers are 20% more likely to be impaired than crash drivers living elsewhere, earning the County the rank of 6th worst out of 64.

Juvenile and child seat belt use is low. Among individuals injured in Las Animas crashes, 29% were unrestrained, the 25th worst rate in the state.

County teens are 20% more likely to be involved in a crash than teens statewide, resulting in the County's rank of 7th worst. With respect to impaired driving crashes, Las Animas teens are 2.1 times more likely to be impaired than teens statewide; the 10th worst overall.

County residents age 70 to 74 and 75 to 79 are each 20% more likely to be involved in a crash than others their age in the state. The County ranks 12th and 11th worst among these age cohorts in the state.



# LINCOLN COUNTY

25th
highest of 64 counties
rank in fatalities

5 fatal crashes
 out of 409 statewide
 5 fatalities
 out of 448 statewide

Primary challenges: maintaining high occupant protection use and low incidence of impaired driving crashes.

#### **IMPAIRED DRIVERS (0 IMPAIRED INJURY CRASHES)**

impaired driver residence index 59th worst

impaired driver crash location index 62<sup>nd</sup> worst

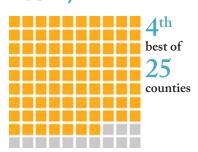
percent of alcohol-related fatal crashes 20th worst

history of impaired driving index 54<sup>th</sup> worst

impaired male age 21-24 index 64th worst

80821 impaired driver zip codes of residence

# **OCCUPANT PROTECTION (1 UNRESTRAINED INJURY)**



87% overall seat belt use

70/0 percent of unrestrained injury crashes 62<sup>nd</sup> worst

#### **ECONOMIC COSTS**

\$1,154,400 property damage

\$420,300 injury costs

\$6,450,000 fatality costs

\$8,024,700 total cost

## **LINCOLN COUNTY**

#### **TEEN DRIVERS (1 TEEN INJURY CRASH)**

at-fault teen driver residence index 55th worst

impaired teen driver residence index 64th worst

**0**% of teens have texting, cell phone, and GDL violations

at-fault teen driver zip codes of residence

#### **AT-FAULT DRIVERS (9 INJURY CRASHES)**

at-fault driver residence index 64th worst

crash location index 52<sup>nd</sup> wors:

#### **OLDER DRIVERS (0 INJURY CRASHES)**

drivers age 70-74 index 64<sup>th</sup> worst

drivers age 75-79 index 64<sup>th</sup> worst

0.6 drivers age 80-84 index 10<sup>th</sup> wors

drivers age 85-90+ index 64<sup>th</sup> worsi

# RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 31st worst

reckless driver residence index 64th worst

#### MOTORCYCLES (0 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index
64th worst

crash residence index 64th worst

Lincoln County outperforms most Colorado counties on the majority of traffic safety measures examined. Observed adult seat belt use is high. Impaired driving crashes are very low.

Maintaining these positive metrics will continue to be a challenge for the County.



# LOGAN COUNTY

54th
highest of 64 counties
rank in fatalities

1 fatal crash out of 409 statewide

1 fatality out of 448 statewide

Primary challenges: increase occupant protection use; teen crash prevention; and prevent crash involvement of drivers age 75 to 79.

#### **IMPAIRED DRIVERS (2 IMPAIRED INJURY CRASHES)**

impaired driver residence index 52<sup>nd</sup> worst

impaired driver crash location index 57<sup>th</sup> worst

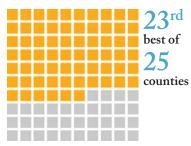
percent of alcohol-related fatal crashes 64th worst

history of impaired driving index 20th worst

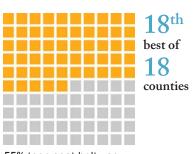
impaired male age 21-24 index 46<sup>th</sup> worst

80751 impaired driver zip codes of residence

# OCCUPANT PROTECTION (11 UNRESTRAINED INJURIES)



66% overall seat belt use



55% teen seat belt use

35% aunrestrained percent of injuries 12<sup>th</sup> wors:

#### **ECONOMIC COSTS**

\$7,324,000 property damage

\$1,367,400 injury costs

\$1,290,000 fatality costs

\$9,981,400

total cost

### **LOGAN COUNTY**

#### **TEEN DRIVERS (2 TEEN INJURY CRASHES)**

13 at-fault teen drive residence index 5<sup>th</sup> worst

impaired teen driver residence index 64th worst

**0.7%** of teens have texting, cell phone, and GDL violations

33rd worst of 64 counties

80751 80722 80741 80747 80728 80726 at-fault teen driver zip codes of residence

#### **AT-FAULT DRIVERS (27 INJURY CRASHES)**

at-fault driver residence index 29th worst

1 0 { crash location index 27th worst

#### **OLDER DRIVERS (0 INJURY CRASHES)**

drivers age 70-74 index 29<sup>th</sup> worst

1 7 drivers age 75-79 index 5<sup>th</sup> worst

drivers age 80-84 index 46<sup>th</sup> wors

0.8 drivers age 85-90+ index 27<sup>th</sup> worst

#### RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 43<sup>rd</sup> worst

#### MOTORCYCLES (1 MOTORCYCLIST INJURY)

Overall seat belt use by adults and teens in Logan County is low.

a crash than others in this age cohort statewide, resulting in Logan County's rank of 5th worst.

Teens living in Logan County are 30% more likely than teens living elsewhere to be the at-fault driver in a crash. Logan County ranks 5th worst out of 64 counties on this measure.

Residents age 75 to 79 are 70% more likely to be involved in



# MESA COUNTY

11th
highest of 64 counties
rank in fatalities

12 fatal crashes
out of 409 statewide
12 fatalities
out of 448 statewide

Primary challenges: increasing occupant protection; overall crash prevention; older driver and motorcyclist crash prevention; prevent reckless driving.

#### **IMPAIRED DRIVERS (39 IMPAIRED INJURY CRASHES)**

impaired driver residence index 31st worst

impaired driver crash location index 36<sup>th</sup> worst

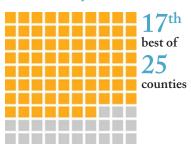
39/0 { percent of alcohol-related fatal crashes 11th worst

1 2 { history of impaired driving index 17<sup>th</sup> worst

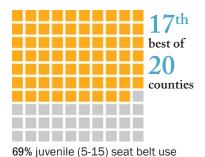
impaired male age 21-24 index 24<sup>th</sup> worst

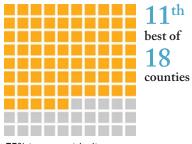
81504 81507 81501 81521 81503 81505 81520 81526 impaired driver zip codes of residence

# OCCUPANT PROTECTION (78 UNRESTRAINED INJURIES)

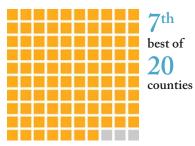








75% teen seat belt use



97% kid (0-4) seat belt use

#### **ECONOMIC COSTS**

\$44,752,800 property damage

\$12,091,200 injury costs

\$15,480,000 fatality costs

\$72,324,000 total cost

### **MESA COUNTY**

#### **TEEN DRIVERS (55 TEEN INJURY CRASHES)**

at-fault teen drive residence index 21st worst

impaired teen driver residence index 28<sup>th</sup> worst

2.7% of teens have texting, cell phone, and GDL violations

6<sup>th</sup> worst of 64 counties

81504 81507 at-fault 81501 81520 teen driver 81503 81506 zip codes of 81521 81505 residence

#### AT-FAULT DRIVERS (296 INJURY CRASHES)

at-fault driver residence index 28th Worst

Crash location index 44<sup>th</sup> worst

#### **OLDER DRIVERS (33 INJURY CRASHES)**

drivers age 70-74 index 30th worst

0.9 drivers age 75-79 index 24<sup>th</sup> worst

drivers age 80-84 index 26th worst

1 2 drivers age 85-90+ index 13<sup>th</sup> worst

# OCCUPANT PROTECTION (cont.)

22%

unrestrained percent of injuries 46th worst

# RECKLESS DRIVERS (8 INJURY CRASHES)

history of reckless driving index 12<sup>th</sup> worst

#### MOTORCYCLES (46 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index 21st worst

crash residence index 11<sup>th</sup> worst

On most measures, Mesa County performs as well or better than about half of Colorado counties.

In 2010, Mesa County had the 11th highest number of fatalities out of 64 counties. Overall, 3% of the state's alcohol-related fatalities occurred in Mesa County. Male residents ages 21 to 24 are 10% more likely than others their age state-wide to be impaired crash drivers, resulting in the County's rank of 24th worst.

Mesa County's observed adult, teen and juvenile seat belt use rates are lower than the state.

Residents are 10% more likely to be cited for reckless driving or excessive speed resulting in a crash than other drivers statewide, and the County ranks 17th worst on this measure. Resident motorcyclists are more likely to be injured in a crash than motorcyclists statewide.



# MINERAL COUNTY

55th
highest of 64 counties
rank in fatalities

1 fatal crash
out of 409 statewide
1 fatality
out of 448 statewide

Primary challenges: overall crash prevention and crash prevention efforts focused on resident drivers age 70 to 74.

#### **IMPAIRED DRIVERS (0 IMPAIRED INJURY CRASHES)**

impaired driver residence index 64th worst

impaired driver crash location index 39<sup>th</sup> worst

percent of alcohol-related fatal crashes 64th worst

history of impaired driving index 52<sup>nd</sup> worst

impaired male age 21-24 inde 64<sup>th</sup> worst



OCCUPANT PROTECTION (4 UNRESTRAINED INJURIES)

29% unrestrained percent of injuries 26th wors

#### **TEEN DRIVERS (0 TEEN INJURY CRASHES)**

at-fault teen of residence inc. 58th wors

impaired teen drive residence index 64th worst

**0**% of teens have texting, cell phone, and GDL violations

81130 at-fault teen driver zip codes of residence

#### **ECONOMIC COSTS**

\$1,169,600 property damage

\$673,800 injury costs

\$1,290,000 fatality costs

\$3,133,400 total cost

## **MINERAL COUNTY**

#### **AT-FAULT DRIVERS (12 INJURY CRASHES)**

at-fault driver residence index 57<sup>th</sup> worst

3.6 crash location index  $1^{st}$  worst

#### **OLDER DRIVERS (0 INJURY CRASHES)**

1 2 drivers age 70-74 index 13<sup>th</sup> worst

drivers age 75-79 index 64th wors

drivers age 80-84 index 64<sup>th</sup> worst

drivers age 85-90+ index 64<sup>th</sup> worsi

#### RECKLESS DRIVERS (0 INJURY CRASHES)

reckless driver residence index 64th worst

#### MOTORCYCLES (0 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index 64th worst

crash residence index 64th worst

Mineral County outperforms most Colorado counties on many of the traffic safety measures examined.

Residents of Mineral County between the ages of 70 and 74 are 20% more likely to be involved in a crash than others in their age cohort statewide.

Drivers in Mineral County are 3.6 times more likely to be involved in a crash than drivers elsewhere in the state, and this is the worst in the state.



# **MOFFAT**

highest of 64 counties rank in fatalities

Primary challenges: overall crash prevention; occupant protection; impaired driving prevention; reckless driving prevention; and crash prevention for residents age 70 to 74.

#### **IMPAIRED DRIVERS (4 IMPAIRED INJURY CRASHES)**

impaired driver residence index crash location index

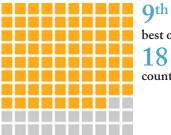
alcohol-related fatal crashes

history of impaired driving index

impaired male age 21-24 index

impaired driver 81625 zip codes of 81640 residence

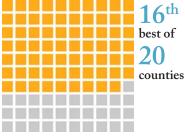
#### **OCCUPANT PROTECTION (16 UNRESTRAINED** INJURIES)

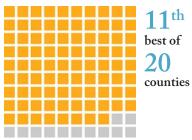


best of counties

69% juvenile (5-15) seat belt use

78% teen seat belt use





88% kid (0-4) seat belt use

#### **ECONOMIC COSTS**

\$4,673,600 property damage

\$1,536,300 injury costs

\$5,160,000 fatality costs

\$11,369,900 total cost

### **MOFFAT COUNTY**

#### **TEEN DRIVERS (7 TEEN INJURY CRASHES)**

at-fault teen driver residence index 9<sup>th</sup> worst

impaired teen driver residence index 27<sup>th</sup> worst

4.6% of teens have texting, cell phone, and GDL violations

1st worst of 64 counties

81625 at-fault teen driver zip codes of residence

#### **AT-FAULT DRIVERS (38 INJURY CRASHES)**

at-fault driver residence index 1st worst

 $1.3 {\tiny \begin{array}{c} \text{crash location} \\ \text{index} \\ \text{17}^{\text{th}} \text{ worst} \end{array}}$ 

#### **OLDER DRIVERS (4 INJURY CRASHES)**

drivers age 70-74 index 1st worst

75-79 index 36<sup>th</sup> worst

drivers age 80-84 index 44<sup>th</sup> worst

0.5 drivers age 85-90+ index 36<sup>th</sup> wors:

#### RECKLESS DRIVERS (1 INJURY CRASH)

history of reckless driving index 14th worst

#### MOTORCYCLES (4 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index
31st worst

crash residence index 18th worst

Residents of Moffat County are 10% more likely than residents of other Colorado counties to be involved in a crash. Moffat County ranks worst on this measure.

Occupant protection use is below the state average. Of those injured in crashes, 36% were unrestrained, the 11th worst rate in the state. Law enforcement in Moffat County have penalized the greatest proportion of teen drivers for violations of texting, cell phone and GDL violation compared to all other counties. Moffat County teens are in line with the

statewide average for rate of impaired crash drivers.

Drivers involved in crashes in Moffat County are 20% more likely than others statewide to be impaired, and the county ranks 21st worst on this measure.

Moffat County residents age 70 to 74 are 2.4% more likely to be involved in a crash than other Colorado drivers their age, resulting in the County's rank of 1st worst.



# MONTEZUMA COUNTY

15<sup>th</sup>
highest of 64 counties
rank in fatalities

5 fatal crashes out of 409 statewide

7 fatalities out of 448 statewide

Primary challenges: impaired driving prevention for all residents and teens; and increasing occupant protection use.

#### **IMPAIRED DRIVERS (13 IMPAIRED INJURY CRASHES)**

impaired driver crash location index 19<sup>th</sup> worst

percent of alcohol-related fatal crashes

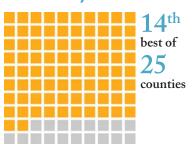
13 history of impaired driving index 8th worst

impaired male age 21-24 index 21<sup>st</sup> worst

81321 81334 81323 81327 81328

impaired driver zip codes of residence

# OCCUPANT PROTECTION (26 UNRESTRAINED INJURIES)



82% overall seat belt use

27%

 percent of unrestrained injury crashes
 17<sup>th</sup> worst

#### **ECONOMIC COSTS**

**\$7,296,800** property damage

\$3,426,300 injury costs

**\$9,030,000** *fatality costs* 

\$19,753,100 total cost

## **MONTEZUMA COUNTY**

#### **TEEN DRIVERS (11 TEEN INJURY CRASHES)**

at-fault teen drive residence index 32<sup>nd</sup> worst

impaired teen drive residence index 9th worst

2.2% of teens have texting, cell phone, and GDL violations

11<sup>th</sup> worst of 64 counties

81321 81334 at-fault 81323 81327 teen driver 2 zip codes of residence

#### AT-FAULT DRIVERS (61 INJURY CRASHES)

at-fault driver residence index 37th worst

crash location index 42<sup>nd</sup> worsi

#### **OLDER DRIVERS (2 INJURY CRASHES)**

drivers age 70-74 index 33<sup>rd</sup> worst

drivers age 75-79 index 21st worst

drivers age 80-84 index 42<sup>nd</sup> Worsi

0.5 drivers age 85-90+ index 37<sup>th</sup> worst

#### RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 39th worst

reckless driver residence index 46th worst

#### MOTORCYCLES (3 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index 32<sup>nd</sup> worst

crash residence index 30th worst

In 2010, Montezuma County had the 15th highest number of fatalities out of Colorado's 64 counties.

Residents are 10% more likely to be impaired crash drivers than residents of other counties, resulting in Montezuma County's rank of 14th worst. Male residents between the ages of 21 and 24 are 20% more likely than others their age to be impaired crash drivers, the 21st worst in the state. Montezuma County teens are 2.1 times more likely than

other teens to be impaired crash drivers, ranking 9th worst.

Observed occupant protection is high, but there is still continued room for improvement. Of those injured in crashes, 27% were unrestrained, the 17th worst rate in the state.



# MONTROSE COUNTY

42nd
highest of 64 counties
rank in fatalities

2 fatal crashes out of 409 statewide

2 fatalities out of 448 statewide

Primary challenges: teen impaired driving prevention; and occupant protection.

#### **IMPAIRED DRIVERS (8 IMPAIRED INJURY CRASHES)**

impaired driver residence index 43rd worst

impaired driver crash location index 51st worst

percent of alcohol-related fatal crashes 20th worst

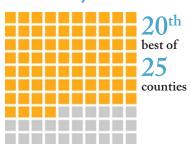
 $\frac{1}{2} \begin{cases} \text{history of impaired} \\ \text{driving index} \\ 16^{\text{th}} \text{ worst} \end{cases}$ 

impaired male age 21-24 index 42<sup>nd</sup> worst

81401 81422 81425 81424 81403

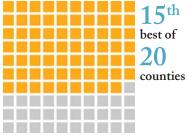
impaired driver zip codes of residence

# OCCUPANT PROTECTION (20 UNRESTRAINED INJURIES)

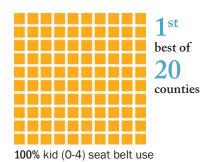


74% overall seat belt use

27% unrestrained percent of injuries 31st worst



69% juvenile (5-15) seat belt use



**ECONOMIC COSTS** 

\$9,028,600 property damage

\$2,746,200 injury costs

\$2,580,000 fatality costs

\$14,354,800 total cost

## **MONTROSE COUNTY**

#### **TEEN DRIVERS (14 TEEN INJURY CRASHES)**

at-fault teen drive residence index 15<sup>th</sup> worst

impaired teen driver residence index 17<sup>th</sup> worst

2.4% of teens have texting, cell phone, and GDL violations

8<sup>th</sup> worst of 64 counties

81401 81422 81425 81431 81403 at-fault teen driver zip codes of residence

#### **AT-FAULT DRIVERS (58 INJURY CRASHES)**

at-fault driver residence index 40th worst

0.6 { crash location index 57th worsa

#### **OLDER DRIVERS (8 INJURY CRASHES)**

drivers age 70-74 index 26<sup>th</sup> worst

0.7 drivers age 75-79 index 38<sup>th</sup> worsi

1 0 drivers age 80-84 index 22<sup>nd</sup> worst

0.6 drivers age 85-90+ index 34th wors:

# RECKLESS DRIVERS (2 INJURY CRASHES)

12 history of reckless driving index 21st worst

reckless driver residence index 41st worst

#### MOTORCYCLES (10 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index 25th worst

Observed seat belt use in Montrose County is below the state average and 27% of those injured in crashes were unrestrained; the 31st worst rate in the state.

Montrose County teens are 50% times more likely to be impaired crash drivers than teens statewide. Montrose County ranks 17th worst on this measures.



# MORGAN COUNTY

16th
highest of 64 counties
rank in fatalities

7 fatal crashes out of 409 statewide

7 fatalities out of 448 statewide

Primary challenges: increase occupant protection; motorcycle crash prevention; and crash prevention for older drivers.

### **IMPAIRED DRIVERS (5 IMPAIRED INJURY CRASHES)**

impaired driver residence index 49th worst

impaired driver crash location index 55<sup>th</sup> worst

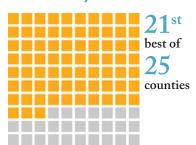
percent of alcohol-related fatal crashes 13<sup>th</sup> worst

1 2 history of impaired driving index 18<sup>th</sup> worst

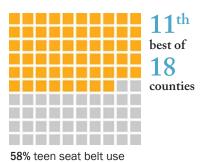
impaired male age 21-24 index 48<sup>th</sup> worst

80701 80750 80723 80654 80653 impaired driver zip codes of residence

# OCCUPANT PROTECTION (15 UNRESTRAINED INJURIES)



73% overall seat belt use



24% autrestrained percent of injuries 41st wors

### **ECONOMIC COSTS**

\$8,909,000 property damage

\$2,068,200 injury costs

\$9,030,000 fatality costs

\$20,007,200 total cost

## **MORGAN COUNTY**

### **TEEN DRIVERS (12 TEEN INJURY CRASHES)**

at-fault teen drive residence index 18<sup>th</sup> worst

impaired teen driver residence index 44<sup>th</sup> worst

1.1% of teens have texting, cell phone, and GDL violations

21st worst of 64 counties

80701 80705 80723 80733 80654 80750 80653 at-fault teen driver zip codes of residence

### **AT-FAULT DRIVERS (55 INJURY CRASHES)**

at-fault driver residence index 11<sup>th</sup> worst

1.0 {crash location index 32<sup>nd</sup> worsi

### **OLDER DRIVERS (6 INJURY CRASHES)**

drivers age 70-74 index 17<sup>th</sup> worst

 $2 \cdot 3 \left\{ \begin{smallmatrix} \text{drivers age} \\ \text{75-79 index} \\ \text{3}^{\text{rd}} \text{ worst} \end{smallmatrix} \right.$ 

drivers age 80-84 index 29<sup>th</sup> worst

1.5 drivers age 85-90+ index 8th worst

### RECKLESS DRIVERS (1 INJURY CRASH)

history of reckless driving index 25th worst

1.0 {reckless driver residence index 22<sup>nd</sup> worst

### MOTORCYCLES (13 MOTORCYCLIST INJURIES)

2.3 { rider-to-driver crash residence index 2<sup>nd</sup> worst

 $1.9 \left\{ \begin{smallmatrix} \text{crash residence} \\ \text{index} \\ 5^{\text{th}} \text{ worst} \end{smallmatrix} \right.$ 

Morgan County had the 16th highest number of fatalities in 2010.

Observed occupant protection for adults and teens is below the state average.

Resident drivers age 70 to 74 are 2.3 times more likely to be crash drivers than others their age statewide, resulting in Morgan County's rank of 3rd worst on this measure. Similarly residents age 85+ are 50% more likely to be involved in a crash, a ranking of 8th worst.

Resident motorcyclists are 2.3 times more likely to be injured in a crash than county drivers (2nd worst) and they are 90% more likely to be injured in a crash than motorcyclists statewide, a ranking of 5th worst.



# OTERO COUNTY

43rd
highest of 64 counties
rank in fatalities

2 fatal crashes out of 409 statewide

2 fatalities out of 448 statewide

Primary challenges: increase occupant protection; and teen impaired driving.

### **IMPAIRED DRIVERS (4 IMPAIRED INJURY CRASHES)**

impaired driver residence index 23rd worst

impaired driver crash location index 37<sup>th</sup> worst

percent of alcohol-related fatal crashes 64th worst

1 1 { history of impaired driving index 27<sup>th</sup> worst

impaired male age 21-24 index 30<sup>th</sup> worst

81067 81039 81050 81077 81058 81030 impaired driver zip codes of residence

OCCUPANT PROTECTION (9 UNRESTRAINED INJURIES)

31% unrestrained percent of injuries 19<sup>th</sup> worst

### **TEEN DRIVERS (5 TEEN INJURY CRASHES)**

at-fault teen drive residence index 42<sup>th</sup> worst

impaired teen driver residence index 18<sup>th</sup> worst

1.2% of teens have texting, cell phone, and GDL violations

19<sup>th</sup> worst of 64 counties

81067 81058 81050 81030 81039 at-fault teen driver zip codes of residence

### **ECONOMIC COSTS**

\$2,833,400 property damage

\$1,185,600 injury costs

\$2,580,000 fatality costs

\$6,599,300 total cost

## **OTERO COUNTY**

### **AT-FAULT DRIVERS (24 INJURY CRASHES)**

0.6 at-fault driver residence index 49th worst

 $0.5 \begin{cases} \text{crash location} \\ \text{index} \\ \text{61}^{\text{th}} \text{ worst} \end{cases}$ 

### **OLDER DRIVERS (2 INJURY CRASHES)**

drivers age 70-74 index 50<sup>th</sup> wors

 $0.8 {\footnotesize \begin{array}{c} \text{drivers age} \\ \text{75-79 index} \\ \text{31}^{\text{st}} \text{ wors} \end{array}}$ 

drivers age 80-84 index 47<sup>th</sup> worst

drivers age 85-90+ index 64<sup>th</sup> wors

### RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 54th worst

reckless driver residence index 64th worst

### MOTORCYCLES (2 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index
43rd worst

crash residence index 44th worst

On many measures of traffic safety, Otero County is among the 40 best in the state.

Among those injured in crashes, 31% were unrestrained, the 19th worst rate in the state.

Otero County teens are 40% more likely than other teens to be impaired drivers in a crash, resulting in the County's rank of 18th worst.



# OURAY COUNTY

56th
highest of 64 counties
rank in fatalities

1 fatal crash out of 409 statewide

1 fatality
out of 448 statewide

Primary challenges: overall crash prevention; teen impaired driving prevention; and crash prevention focused on residents age 80 to 84.

### **IMPAIRED DRIVERS (2 IMPAIRED INJURY CRASHES)**

impaired driver residence index 58th worst

impaired driver crash location index 40<sup>th</sup> worst

percent of alcohol-related fatal crashes 64th worst

impaired male age 21-24 index 64th worst

81427 impaired driver zip codes of residence

OCCUPANT PROTECTION (3 UNRESTRAINED INJURIES)

18%

percent of injuries

58<sup>th</sup> WOrst

### **TEEN DRIVERS (0 INJURY CRASHES)**

at-fault teen drive residence index 47<sup>th</sup> worst

impaired teen driver residence index 15<sup>th</sup> worst

**0.8%** of teens have texting, cell phone, and GDL violations

31st worst of 64 counties

81432 81427 at-fault teen driver zip codes of residence

### **ECONOMIC COSTS**

\$1,613,200 property damage

\$647,700 injury costs

\$1,290,000 fatality costs

\$3,550,900 total cost

## **OURAY COUNTY**

### AT-FAULT DRIVERS (16 INJURY CRASHES)

at-fault driver residence index 59<sup>th</sup> worst

crash location index
23<sup>rd</sup> WOrs

#### **OLDER DRIVERS (0 INJURY CRASHES)**

drivers age 70-74 index 47<sup>th</sup> worst

drivers age 75-79 index 41st wors

1 2 drivers age 80-84 index 15<sup>th</sup> worst

drivers age 85-90+ index 64<sup>th</sup> wors:

### RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index
58th worst

reckless driver residence index 64th worst

### MOTORCYCLES (0 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index
64th worst

crash residence index 64th worst

Ouray County teen drivers are 80% more likely to be impaired crash drivers than teens living elsewhere in the state. With regards to this behavior, Ouray County ranks 15th worst out of 64 counties.

Ouray County resident drivers between the ages of 80 and 84 are 20% more likely to be crash drivers than those in their age cohort statewide, resulting in Ouray County ranking 15th worst.

Drivers in Ouray County are 10% more likely to be involved in a crash than drivers statewide, a ranking of 23rd worst.



# PARK COUNTY

35th
highest of 64 counties
rank in fatalities

3 fatal crashes out of 409 statewide

3 fatalities out of 448 statewide

Primary challenges: overall crash prevention; impaired driving prevention focused on male residents age 21 to 24; older driver crash prevention and increasing occupant protection use overall.

### **IMPAIRED DRIVERS (3 IMPAIRED INJURY CRASHES)**

impaired driver residence index 39th worst

impaired driver crash location index 47<sup>th</sup> worst

0%

percent of alcohol-related fatal crashes 64<sup>th</sup> worst

history of impaired driving index 33rd worst

impaired male age 21-24 index 26<sup>th</sup> worst

80421 80449 80420 80440 80827 80456

impaired driver zip codes of residence

OCCUPANT PROTECTION (15 UNRESTRAINED INJURIES)

32% percent of unrestrained injury crashes 17<sup>th</sup> worst

### **TEEN DRIVERS (0 TEEN INJURY CRASHES)**

at-fault teen drive residence index 47th worst

impaired teen driver residence index 64<sup>th</sup> worst

**0.7%** of teens have texting, cell phone, and GDL violations

34th worst of 64 counties

80421 80475 80440 80820 80449 80827 80420

at-fault teen driver zip codes of residence

### **ECONOMIC COSTS**

\$5,135,000 property damage

\$1,671,900 injury costs

\$3,870,000 fatality costs

\$10,676,900 total cost

## **PARK COUNTY**

### AT-FAULT DRIVERS (36 INJURY CRASHES)

0.8 at-fault driver residence index 25th worst

 $1 \quad 1 \quad \begin{cases} \text{crash location} \\ \text{index} \\ \text{25}^{\text{th}} \text{ worst} \end{cases}$ 

### **OLDER DRIVERS (0 INJURY CRASHES)**

1 2 drivers age 70-74 index 11<sup>th</sup> worst

drivers age 75-79 index 8<sup>th</sup> wors

drivers age 80-84 index 64th worst

drivers age 85-90+ index 64<sup>th</sup> worst

# RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 22<sup>nd</sup> worst

reckless driver residence index 42<sup>nd</sup> worst

### MOTORCYCLES (3 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index
34th worst

crash residence index
33rd worst

Park County male residents age 21 to 24 are 10% more likely to be impaired crash drivers than those in their age cohort statewide. Park County ranks 26th worst out of 64 counties on this measure.

Among those injured in crashes, 32% were unrestrained, the 17th worst rate in the state.

Drivers age 70 to 74 are 20% more likely than drivers their age in the state to be in a crash and those age 75 to 79 are 40% more likely to be crash drivers. Park County rankts 11th worst and 8th worst on these measures respectively.

Overall, drivers in Park County are 10% more likely than drivers statewide to be involved in a crash, resulting in a County ranking of 25th worst.



# PHILLIPS COUNTY





Primary challenges: crash prevention for resident drivers age 80 to 84 and 85 and older; and prevention of reckless driving and excessive speed.

### **IMPAIRED DRIVERS (0 IMPAIRED INJURY CRASHES)**

impaired driver residence index 36th worst

impaired driver crash location indec 59th worst

percent of alcohol-related fatal crashes 64th worst

history of impaired driving index 59th worst

impaired male age 21-24 index 64<sup>th</sup> worst

80734 impaired driver zip codes of residence

OCCUPANT PROTECTION (1 UNRESTRAINED INJURY)

20%

unrestrained percent of injuries

50th worst

### **TEEN DRIVERS (1 TEEN INJURY CRASH)**

7 at-fault te residence 46<sup>th</sup> we

impaired teen driver residence index 64<sup>th</sup> worst

**0.3**% of teens have texting, cell phone, and GDL violations

 $50^{th}$  worst of 64 counties

80734 80731 80721

at-fault teen driver zip codes of residence

### **ECONOMIC COSTS**

\$636,200 property damage

\$201,300 injury costs

**\$0**fatality costs

\$837,500 total cost

## PHILLIPS COUNTY

### **AT-FAULT DRIVERS (5 INJURY CRASHES)**

at-fault driver residence index 32<sup>nd</sup> worst

crash location index 62<sup>nd</sup> worst

### **OLDER DRIVERS (0 INJURY CRASHES)**

 $\begin{cases} \text{drivers age} \\ \text{70-74 index} \\ \text{31}^{\text{st}} \text{ worst} \end{cases}$ 

### RECKLESS DRIVERS (1 INJURY CRASH)

### **MOTORCYCLES** (0 MOTORCYCLIST **INJURIES**)

crash residence

Phillips County has an older driver problem. Resident drivers age 80 to 84 are 2.1 times more likely to be involved in a crash than others their age. Similarly, resident drivers age 85 and older are 2.1 times more likely to be crash drivers. Phillips County ranks 4th worst and 2nd worst on these measures out of 64 counties statewide.

Crash drivers in Phillips County are 90% more likely than other crash drivers statewide to be cited with reckless driving or excessive speed causing a crash, resulting in the County's rank of 5th worst overall on this measure.



# PITKIN COUNTY



2 fatal crashes out of 409 statewide

2 fatalities out of 448 statewide

Primary challenges: Crash prevention overall; impaired driving prevention, including a focus on teens and men ages 21-24; reckless driving; and older driver crash prevention.

### **IMPAIRED DRIVERS (9 IMPAIRED INJURY CRASHES)**

1 1 I impaired driver residence index 11<sup>th</sup> worst

impaired driver crash location index 7<sup>th</sup> worst

percent of alcohol-related fatal crashes 20th worst

 $1 \hspace{-0.1cm} \bullet \hspace$ 

13 impaired male age 21-24 index 20th worst

81611 81612 81615 81654 impaired driver zip codes of residence

OCCUPANT PROTECTION (13 UNRESTRAINED INJURIES)

28% unrestrained percent of injuries 29th worst

### **TEEN DRIVERS (1 TEEN INJURY CRASH)**

at-fault teen drive residence index 51st worst

impaired teen driver residence index 19<sup>th</sup> worst

**0.6%** of teens have texting, cell phone, and GDL violations

40<sup>th</sup> worst of 64 counties

81611 at-fault teen driver zip codes of residence

### **ECONOMIC COSTS**

**\$8,995,600** property damage

\$1,512,300 injury costs

\$2,580,000 fatality costs

\$13,087,900 total cost

# **PITKIN COUNTY**

### AT-FAULT DRIVERS (42 INJURY CRASHES)

at-fault driver residence index 12<sup>th</sup> worst

index
7<sup>th</sup> worst

### **OLDER DRIVERS (2 INJURY CRASHES)**

drivers age 80-84 index 3rd worst drivers age 85-90+ index 6th worst

### RECKLESS DRIVERS (1 INJURY CRASH)

history of reckless

### **MOTORCYCLES** (4 MOTORCYCLIST **INJURIES**)

rider-to-driver

crash residence index

Drivers are 80% more likely to crash in Pitkin County than those driving elsewhere. With respect to crash location, Pitkin County ranks 7th worst out of 64 counties statewide.

Crash drivers in Pitkin County are 70% more likely to be impaired crash drivers, resulting in the County's rank of 7th worst. Male residents ages 21 to 24 are 30% more likely to be impaired crash drivers (7th worst). Teens are 40% more likely than other teens to be impaired crash drivers, resulting in the County's ranking of 19th worst.

Resident drivers age 80 to 84 are 3 times more likely than others in their age cohort to be involved in a crash, ranking Pitkin County 3rd worst. Older drivers in the 70 to 74 cohort and the 85+ cohort also have higher likelihoods of crash involvement than others their age.



# PROWERS COUNTY

45th
highest of 64 counties
rank in fatalities

2 fatal crashes out of 409 statewide

2 fatalities out of 448 statewide

Primary challenges: impaired driving prevention focused on male residents age 21 to 24 and teens; and occupant protection.

### **IMPAIRED DRIVERS (2 IMPAIRED INJURY CRASHES)**

impaired driver residence index 44<sup>th</sup> worst

impaired driver crash location index 58<sup>th</sup> worst

percent of alcohol-related fatal crashes 64<sup>th</sup> worst

2.6 impaired male age 21-24 index 8th worst

81052 impaired driver zip codes of residence

OCCUPANT PROTECTION (4 UNRESTRAINED INJURIES)

percent of unrestrained injury crashes 26th worst

### **TEEN DRIVERS (1 TEEN INJURY CRASH)**

at-fault teen driver residence index 43rd worst

impaired teen driver residence index 22<sup>nd</sup> worst

2.6% of teens have texting, cell phone, and GDL violations

7<sup>th</sup> worst of 64 counties

81052 81047 81092

at-fault teen driver zip codes of residence

### **ECONOMIC COSTS**

\$3,221,600 property damage

\$490,200 injury costs

\$2,580,000 fatality costs

\$6,291,800 total cost

## **PROWERS COUNTY**

### **AT-FAULT DRIVERS (12 INJURY CRASHES)**

at-fault driver residence index 38<sup>th</sup> worst

crash location index 49th worst

### **OLDER DRIVERS (2 INJURY CRASHES)**

1 0 drivers age 70-74 index 20<sup>th</sup> worst

drivers age 75-79 index 37<sup>th</sup> wors

drivers age 80-84 index 41st worst

### RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 57<sup>th</sup> worst

### MOTORCYCLES (2 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index 28th worst

0.8 crash residence index 25th worst

On many of the traffic safety measures, Prowers County performs better than 20 or more counties.

Prowers County male residents age 21 to 24 are 2.6 times more likely to be impaired crash drivers than their peers statewide. Prowers County ranks 8th worst out of 64 counties. Similarly, resident teen drivers are 20% more likely than other teens to be impaired crash drivers, and Prowers County ranks 22nd worst.

Of those injured in crashes in Prowers County, 29% were unrestrained, the 26th worst rate in the state.



# **PUEBLO**

highest of 64 counties rank in fatalities

fatal crashes out of 409 statewide

Primary challenges: impaired driving prevention focused on all residents and all drivers; increasing occupant protection use; preventing motorcycle crashes; older driver crash prevention.

### **IMPAIRED DRIVERS (37 IMPAIRED INJURY CRASHES)**

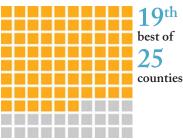
impaired driver residence index impaired driver crash location index alcohol-related fatal crashes

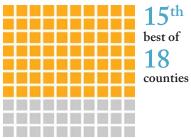
history of impaired driving index

age 21-24 index

81004 81007 impaired driver 81001 81006 zip codes of 81005 81008 residence 81003 81023

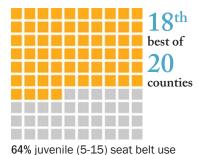
### **OCCUPANT PROTECTION (102 UNRESTRAINED** INJURIES)

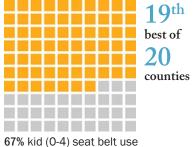






70% teen seat belt use





#### **ECONOMIC COSTS**

\$76,366,200 property damage

\$11,063,700 injury costs

\$24,510,000 fatality costs

\$111,939,900 total cost

## **PUEBLO COUNTY**

### **TEEN DRIVERS (39 TEEN INJURY CRASHES)**

at-fault teen drive residence index 4<sup>th</sup> worst

impaired teen driver residence index 16<sup>th</sup> worst

**0.9%** of teens have texting, cell phone, and GDL violations

30<sup>th</sup> worst of 64 counties

81007 81006 81001 81003 81004 81008 81005 81019 at-fault teen driver zip codes of residence

### **AT-FAULT DRIVERS (307 INJURY CRASHES)**

at-fault driver residence index 3rd worst

1.3 { crash location index 14<sup>th</sup> wors

### **OLDER DRIVERS (24 INJURY CRASHES)**

drivers age 70-74 index 15<sup>th</sup> worst

 $1 \cdot 1 \begin{cases} \text{drivers age} \\ \text{75-79 index} \\ 14^{\text{th}} \text{ worsing and the property of the pro$ 

1.2 drivers age 80-84 index 17<sup>th</sup> worst

1 2 drivers age 85-90+ index 12<sup>th</sup> worst

# OCCUPANT PROTECTION (cont.)

29%

unrestrained percent of injuries 23rd worst

### RECKLESS DRIVERS (5 INJURY CRASHES)

history of reckless driving index 52<sup>nd</sup> worst

### MOTORCYCLES (48 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index 8th worst

 $1.5 \left\{ \begin{smallmatrix} \text{crash residence} \\ \text{index} \\ 8^{\text{th}} \text{ worst} \end{smallmatrix} \right.$ 

Pubelo County had the 8th highest number of fatalities in 2010.

Pueblo resident drivers are 50% more likely to be impaired crash drivers than residents statewide, and Pueblo ranks 4th worst out of 64 counties. Regardless of where they live, crash drivers in Pueblo are 50% more likely than crash drivers statewide to be impaired.

Occupant protection use in Pueblo is below the state average for people of all ages. Of those injured in crashes, 29% were unrestrained; the 23rd worst in the state.

Pueblo motorcyclists are 50% more likely to be injured in a crash than motorcyclists statewide, resulting in the County's rank of 8th worst.



# RIO BLANCO COUNTY

46th
highest of 64 counties
rank in fatalities

2 fatal crashes out of 409 statewide

2 fatalities out of 448 statewide

Primary challenges: impaired driving prevention focused on teens; occupant protection; and preventing motorcycle crashes.

### **IMPAIRED DRIVERS (3 IMPAIRED INJURY CRASHES)**

impaired driver residence index 29th worst

impaired driver crash location index 44<sup>th</sup> worst

percent of alcohol-relate fatal crashes 20th wors

history of impaired driving index 26<sup>th</sup> worst

impaired male age 21-24 index 32<sup>nd</sup> worst

81648 impaired driver zip codes of residence

OCCUPANT PROTECTION (5 UNRESTRAINED INJURIES)

31% unrestrained percent of injuries  $18^{th}$  wors

### **TEEN DRIVERS (3 TEEN INJURY CRASHES)**

at-fault teen drive residence index 50<sup>th</sup> worst

impaired teen driver residence index 3<sup>rd</sup> worst

2.9% of teens have texting, cell phone, and GDL violations

5<sup>th</sup> worst of 64 counties

81648 81641 at-fault teen driver zip codes of residence

### **ECONOMIC COSTS**

\$1,846,900 property damage

\$579,900 injury costs

\$2,580,000 fatality costs

\$5,006,500 total cost

### **RIO BLANCO COUNTY**

### **AT-FAULT DRIVERS (15 INJURY CRASHES)**

at-fault driver residence index 53<sup>rd</sup> worst

crash location index 26th worst

### **OLDER DRIVERS (1 INJURY CRASH)**

drivers age 70-74 index 51st worst

drivers age 75-79 index 64th wors

drivers age 80-84 index 64<sup>th</sup> worst

drivers age 85-90+ index 64<sup>th</sup> worst

### RECKLESS DRIVERS (0 INJURY CRASHES)

reckless driver residence index 64th worst

### MOTORCYCLES (3 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index
4th worst

 $1.6 \left\{ \begin{smallmatrix} \text{crash residence} \\ \text{index} \\ 6^{\text{th}} \text{ worst} \end{smallmatrix} \right.$ 

Rio Blanco County performs better than many counties on most of the traffic safety measures. However, Rio Blanco County teens are 3.5 times more likely to be impaired crash drivers than teens living elsewhere. Rio Blanco County ranks 3rd worst out of 64 counties on this measure.

Of those injured in crashes, 31% were unrestrained, the 18th worst rate in the state.

Motorcycle crashes are a problem in the County. Rio Blanco motorcyclists are 90% more likely than County drivers to be injured in a crash (4th worst). Moreover, Rio Blanco County motorcyclists are 60% more likely than other motorcyclists statewide to be injured in a crash, the 6th worst rank in the state.



# RIO GRANDE COUNTY

47th
highest of 64 counties
rank in fatalities

2 fatal crashes
out of 409 statewide

2 fatalities out of 448 statewide

Primary challenges: impaired driving prevention focused on teens and on male residents age 21 to 24; and older driver crash prevention.

### **IMPAIRED DRIVERS (5 IMPAIRED INJURY CRASHES)**

impaired driver residence index 37th worst

impaired driver crash location index 45th worst

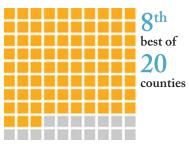
percent of alcohol-related fatal crashes 64th worst

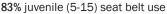
history of impaired driving index 19<sup>th</sup> worst

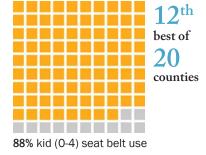
2.1 { impaired male age 21-24 index 11<sup>th</sup> worst

81144 81132 impaired driver zip codes of residence

# **OCCUPANT PROTECTION (5 UNRESTRAINED INJURIES)**







170/0 { percent of unrestrained injury crashes 59th wors

#### **ECONOMIC COSTS**

\$3,583,200 property damage

\$1,048,200 injury costs

\$2,580,000 fatality costs

\$7,211,400

total cost

## **RIO GRANDE COUNTY**

### **TEEN DRIVERS (7 TEEN INJURY CRASHES)**

at-fault teen driver residence index 29<sup>th</sup> worst

2.1 impaired teen drive residence index 8th worst

1.3% of teens have texting, cell phone, and GDL violations

16<sup>th</sup> worst of 64 counties

81144 81132 81154 at-fault teen driver zip codes of residence

### **AT-FAULT DRIVERS (23 INJURY CRASHES)**

at-fault driver residence index 30th worst

crash location index 39th wors:

### **OLDER DRIVERS (0 INJURY CRASHES)**

1.6 drivers age 70-74 index 6th worst

drivers age 75-79 index 7<sup>th</sup> worst

drivers age 80-84 index 43<sup>rd</sup> Worsi

1.5 drivers age 85-90+ index 7th worst

### RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 3<sup>rd</sup> worst

### MOTORCYCLES (2 MOTORCYCLIST INJURIES)

 $0.6 \begin{cases} \text{rider-to-driver} \\ \text{crash residence} \\ \text{index} \\ \text{40}^{\text{th}} \text{ worst} \end{cases}$ 

crash residence index 32<sup>nd</sup> worst

Rio Grande resident males age 21 to 24 are 2.1 times more likely to be impaired crash drivers than their peers living statewide. Rio Grande County ranks 11th worst out of 64 counties on this measure.

Rio Grande teens are 2.1 times more likely to be impaired crash drivers than teens statewide, and Rio Grande County ranks 8th worst.

Older drivers are a challenge in Rio Grande County. Those age 70 to 74 are 60% more likely than drivers their age statewide to be involved in a crash, resulting in the rank of 6th worst. Similarly, drivers age 75 to 79 are 40% more likely and drivers age 85+ are 50% more likely to be in a crash than their peers; a rank of 7th worst on both measures.



# ROUTT

highest of 64 counties rank in fatalities

Primary challenge: comprehensive impaired driving prevention for all residents, particularly males age 21 to 24 and all drivers in the county; and older driver crash prevention.

### **IMPAIRED DRIVERS (15 IMPAIRED INJURY CRASHES)**

residence index

crash location index

alcohol-related fatal crashes

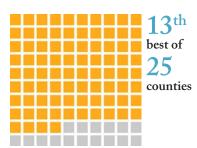
history of impaired driving index

2nd WOrst

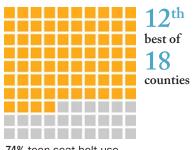
age 21-24 index

80487 81639 impaired driver 80477 80428 zip codes of 80467 80469 residence

### **OCCUPANT PROTECTION (13 UNRESTRAINED** INJURIES)



84% overall seat belt use



74% teen seat belt use

#### **ECONOMIC COSTS**

\$8,906,000 property damage

\$2,042,100 injury costs

\$3,870,000 fatality costs

\$14,818,100 total cost

## **ROUTT COUNTY**

### **TEEN DRIVERS (8 TEEN INJURY CRASHES)**

at-fault teen drive residence index 22<sup>nd</sup> worst

impaired teen driver residence index 39th worst

**0.6%** of teens have texting, cell phone, and GDL violations

 $38^{th}$  worst of 64 counties

80487 80477 81639 80488 80467 80469 80428 80479

at-fault teen driver zip codes of residence

### **AT-FAULT DRIVERS (58 INJURY CRASHES)**

at-fault driver residence index 6th worst

1.3 crash location index 16<sup>th</sup> wors

### **OLDER DRIVERS (0 INJURY CRASHES)**

drivers age 70-74 index 42<sup>nd</sup> worst

drivers age 75-79 index 54<sup>th</sup> wors

1.5 drivers age 80-84 index 9th worst

drivers age 85-90+ index 39<sup>th</sup> WORS

### RECKLESS DRIVERS (2 INJURY CRASHES)

15 history of reckless driving index 9th worst

reckless driver residence index 27<sup>th</sup> worst

### MOTORCYCLES (4 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index 41st worst

crash residence index 37th worst

Impaired driving is a problem in Routt County. Residents involved in crashes are 40% more likely than other crash drivers to be impaired. Regardless of residence, Routt County crash drivers are 50% more likely than crash drivers elsewhere to be impaired. Routt County ranks 5th worst and 12th worst on these measures.

Routt County male residents age 21 to 24 are 3 times more likely to be impaired drivers than those in their age cohort

living elsewhere.

Routt County residents between the ages of 80 and 84 are 50% more likely to be involved in a crash than others their age statewide, resulting in the rank of 9th worst.



# SAGUACHE COUNTY





Primary challenges: impaired driving prevention focused on teens and men age 21 to 24; occupant protection; and older driver crash prevention.

### **IMPAIRED DRIVERS (4 IMPAIRED INJURY CRASHES)**

impaired driver residence index 28<sup>th</sup> worst

impaired driver crash location index 28<sup>th</sup> worst

percent of alcohol-relate fatal crashes 64th wors:

history of impaired driving index 25<sup>th</sup> worst

2.4 impaired male age 21-24 index 9<sup>th</sup> worst

81125 81143 impaired driver zip codes of residence

### OCCUPANT PROTECTION (10 UNRESTRAINED INJURIES)

32% percent of unrestrained injury crashes 14th worst

### **TEEN DRIVERS (4 TEEN INJURY CRASHES)**

at-fault teen drive residence index 40<sup>th</sup> worst

impaired teen drive residence index 6th worst

1.1% of teens have texting, cell phone, and GDL violations

 $22^{nd}$  worst of 64 counties

81125 81143 81149 81155 81131

at-fault teen driver zip codes of residence

### **ECONOMIC COSTS**

\$1,502,800 property damage

\$1,092,000 injury costs

\$0
fatality costs

\$2,594,800 total cost

# **SAGUACHE COUNTY**

### **AT-FAULT DRIVERS (22 INJURY CRASHES)**

at-fault driver residence index 41st worst

 $0.8 {\scriptsize \begin{array}{c} \text{crash location} \\ \text{index} \\ \text{45}^{\text{th}} \text{ worst} \\ \end{array}}$ 

### **OLDER DRIVERS (1 INJURY CRASH)**

1.8 drivers age 70-74 index 5<sup>th</sup> worst

drivers age 75-79 index 64<sup>th</sup> worsi

 $0.8 {\tiny \scriptsize \begin{array}{c} \text{drivers age} \\ \text{80-84 index} \\ \text{30}^{\text{th}} \text{ worst} \end{array}} 1$ 

1 2 drivers age 85-90+ index 14<sup>th</sup> wors

### RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 13<sup>th</sup> worst

reckless driver residence index 12<sup>th</sup> worst

### MOTORCYCLES (0 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index
64th worst

Crash residence index 64th worst

Male residents age 21 to 24 of Saguache County are 2.4 times more likely to be impaired crash drivers than those in this age cohort living elsewhere. Saguache County ranks 9th worst out of 64 counties on this measure.

Teens living in the County are 2.3 times more likely to be impaired crash drivers than their peers statewide, and the County ranks 6th worst.

Resident drivers age 70 to 74 are 80% more likely to be involved in a crash than drivers in this age cohort elsewhere. Saguache County ranks 5th worst.

Of those injured in crashes, 32% were unrestrained, the 14th worst rate in the state.



# SAN JUAN COUNTY

64th
highest of 64 counties
rank in fatalities

fatal crashes out of 409 statewide
fatalities out of 448 statewide

Primary challenges: crash prevention overall; impaired driving prevention; and reckless driving prevention.

### **IMPAIRED DRIVERS (2 IMPAIRED INJURY CRASHES)**

impaired driver residence index 64th worst

impaired driver crash location index 1st worst

percent of alcohol-related fatal crashes 64th worst

history of impaired driving index 38<sup>th</sup> worst

impaired male age 21-24 index 64<sup>th</sup> worst

N/A impaired driver zip codes of residence

OCCUPANT PROTECTION (3 UNRESTRAINED INJURIES)

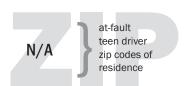
percent of unrestrained injury crashe 21st wors

### **TEEN DRIVERS (0 TEEN INJURY CRASHES)**

at-fault teen drive residence index 64th worst

impaired teen driver residence index 64<sup>th</sup> worst

**0**% of teens have texting, cell phone, and GDL violations



### **ECONOMIC COSTS**

\$488,200 property damage

\$402,600 injury costs

**\$0**fatality costs

\$890,800 total cost

### **SAN JUAN COUNTY**

### **AT-FAULT DRIVERS (9 INJURY CRASHES)**

at-fault driver residence index 56<sup>th</sup> worst

3.4 { crash location index 3rd worst

### **OLDER DRIVERS (0 INJURY CRASHES)**

drivers age 70-74 index 64<sup>th</sup> worst

drivers age 75-79 index 64<sup>th</sup> wors

drivers age 80-84 index 64<sup>th</sup> wors

drivers age 85-90+ index 64<sup>th</sup> worsi

### RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 35th worst

reckless driver residence index 1st worst

### MOTORCYCLES (0 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index 64th worst

Crash residence index 64th worst

Regardless of residence, drivers involved in crashes in San Juan County are 4.8 times more likely to be impaired than crash drivers statewide. The County ranks worst on this measure out of all counties.

Drivers in San Juan County are 3.4 times more likely than drivers statewide to be involved in a crash, and the County is the 3rd worst overall on this measure.

Crash drivers in San Juan County are 15 times more likely to have been cited with reckless driving or excessive speed causing a crash than drivers statewide, resulting in the County's ranking as the state's worst on this measure.

Of those injured in crashes, 30% were unrestrained; the 21st worst in the state.



# SAN MIGUEL COUNTY

64th
highest of 64 counties
rank in fatalities

fatal crashes
out of 409 statewide

fatalities
out of 448 statewide

Primary challenges: impaired driving prevention for all residents and focused efforts for men age 21 to 24 and teens; and crash prevention for residents age 75 to 79.

### **IMPAIRED DRIVERS (0 IMPAIRED INJURY CRASHES)**

1.6 impaired driver residence index 3rd worst

impaired driver crash location index 22<sup>nd</sup> worst

percent of alcohol-related fatal crashes 64th worst

13 history of impaired driving index 6th worst

impaired male age 21-24 index 2<sup>nd</sup> worst

81435 81423 impaired driver zip codes of residence

OCCUPANT PROTECTION (3 UNRESTRAINED INJURIES)

20% unrestraine percent of injuries 50th WOI

### **TEEN DRIVERS (1 TEEN INJURY CRASH)**

at-fault teen driv residence index 48<sup>th</sup> worst

impaired teen drive residence index 4<sup>th</sup> worst

**0.7%** of teens have texting, cell phone, and GDL violations

 $36^{th}$  worst of 64 counties

81435 81423 at-fault teen driver zip codes of residence

### **ECONOMIC COSTS**

\$1,711,800 property damage

\$512,100 injury costs

**\$0**fatality costs

\$2,223,900 total cost

### **SAN MIGUEL COUNTY**

### AT-FAULT DRIVERS (13 INJURY CRASHES)

at-fault driver residence index 42<sup>nd</sup> worst

### **OLDER DRIVERS (0 INJURY CRASHES)**

drivers age 70-74 index 64<sup>th</sup> worst

4.9 drivers age 75-79 index 1st wors

drivers age 80-84 index 64<sup>th</sup> worst

drivers age 85-90+ index 64<sup>th</sup> worsi

### RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 11<sup>th</sup> worst

reckless driver residence index 40th worst

### MOTORCYCLES (1 MOTORCYCLIST INJURY)

rider-to-driver crash residence index

33rd worst

Impaired driving is a problem in San Miguel County. Residents involved in crashes are 60% more likely to be impaired crash drivers than crash drivers statewide, and male residents age 21 to 24 are 4.9 times more likely than those their age living elsewhere to be impaired crash drivers. San Miguel County ranks 3rd worst and 2nd worst out of 64 counties on these measures respectively. San Miguel County teens are 2.9 times more likely than teens statewide to be impaired crash drivers; the 4th worst in the state.

Resident drivers age 75 to 79 are 4.9 times more likely than drivers in this age cohort statewide to be involved in a crash. San Miguel County is the worst on this measure out of all Colorado counties.



# SEDGWICK COUNTY

57th
highest of 64 counties

1 fatal crash
 out of 409 statewide
1 fatality
 out of 448 statewide

Primary challenges: motorcycle crash prevention; and increasing occupant protection use.

### **IMPAIRED DRIVERS (1 IMPAIRED INJURY CRASH)**

impaired driver residence index 53rd worst

impaired driver crash location index 60th worst

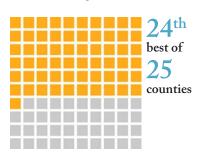
percent of alcohol-related fatal crashes 20th worst

history of impaired driving index 58<sup>th</sup> worst

impaired male age 21-24 index 64th worst

80744 impaired driver zip codes of residence

# OCCUPANT PROTECTION (2 UNRESTRAINED INJURIES)



61% overall seat belt use

17%

percent of unrestrained injury crashes 60th worst

### **ECONOMIC COSTS**

\$731,000 property damage

\$584,100 injury costs

\$1,290,000 fatality costs

\$2,605,100

total cost

## **SEDGWICK COUNTY**

### **TEEN DRIVERS (0 TEEN INJURY CRASHES)**

at-fault teen driver residence index 62<sup>nd</sup> worst

impaired teen driver residence index 64th worst

0.7% of teens have texting, cell phone, and GDL violations

 $35^{th}$  worst of 64 counties



### **AT-FAULT DRIVERS (9 INJURY CRASHES)**

at-fault driver residence index 54th worst

 $12 \begin{cases} \text{crash location index} \\ 20^{\text{th}} \text{ worsh} \end{cases}$ 

### **OLDER DRIVERS (1 INJURY CRASH)**

drivers age 70-74 index 64<sup>th</sup> worst

0.8 drivers age 75-79 index 32<sup>nd</sup> worst

drivers age 80-84 index 64th worst

 $1 \hspace{-0.5em} \begin{array}{c} 1 \hspace{-0.5em} \bullet \hspace{-0.5em$ 

# RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 63<sup>rd</sup> worst

reckless driver residence index 64th worst

### MOTORCYCLES (2 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index

1st worst

 $3.0 \left\{ \begin{smallmatrix} \text{crash residence} \\ \text{index} \\ \mathbf{1}^{\text{st}} \text{ worst} \end{smallmatrix} \right.$ 

With respect to impaired driving, Sedgwick County outperforms most counties.

Observed seat belt use is well below the state average.

Motorcycle crashes are a problem in the County. Sedgwick County motorcycle riders are 2.4 times more likely to be injured than County drivers. Similarly, Sedgwick County motorcyclists are 3 times more likely than motorcyclists statewide to be injured in a crash. The County ranks as the state's worst on both of these measures.



# SUMMIT COUNTY

26th
highest of 64 counties
rank in fatalities

fatal crashes
 out of 409 statewide
 fatalities
 out of 448 statewide

Primary challenges: overall crash prevention; impaired driving prevention focused on residents and non-residents alike, including teens and men ages 21-24; and occupant protection.

### **IMPAIRED DRIVERS (1 IMPAIRED INJURY CRASH)**

impaired driver residence index 10<sup>th</sup> worst

1.6 { impaired driver crash location index 8th worst

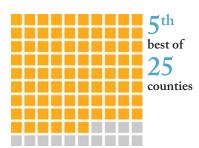
percent of alcohol-related fatal crashes 20th worst

1 3 Initialized history of impaired driving index 12th worst

impaired male age 21-24 index 18<sup>th</sup> worst

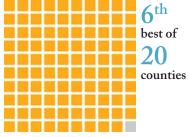
80424 80435 80498 80443 impaired driver zip codes of residence

# OCCUPANT PROTECTION (21 UNRESTRAINED INJURIES)

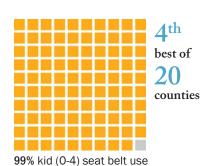


86% overall seat belt use

33% unrestrained percent of injuries 13<sup>th</sup> worst



99% juvenile (5-15) seat belt use



#### **ECONOMIC COSTS**

\$16,695,800 property damage

\$2,090,100 injury costs

\$6,450,000 fatality costs

\$25,235,900 total cost

### **SUMMIT COUNTY**

### **TEEN DRIVERS (3 TEEN INJURY CRASHES)**

at-fault teen drive residence index 17<sup>th</sup> worst

impaired teen driver residence index 14<sup>th</sup> worst

**0.5%** of teens have texting, cell phone, and GDL violations

44<sup>th</sup> worst of 64 counties

80435 80443 80424 80497 80498 at-fault teen driver zip codes of residence

### **AT-FAULT DRIVERS (55 INJURY CRASHES)**

at-fault driver residence index 26th worst

crash location index
9th worst

### **OLDER DRIVERS (0 INJURY CRASHES)**

drivers age 70-74 index 43rd worst

drivers age 75-79 index 33rd worst

drivers age 80-84 index 32<sup>nd</sup> wors

drivers age 85-90+ index 64<sup>th</sup> worst

# RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index

7<sup>th</sup> worst

 $0.6 \begin{cases} \text{reckless driver} \\ \text{residence index} \\ 38^{\text{th}} \text{ worst} \end{cases}$ 

### MOTORCYCLES (3 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index 30th worst

crash residence index 40th worst

Summit County had the 26th highest number of fatalities out of 64 counties. Of those injured in crashes, 33% were unrestrained, the 13th worst rate in the state.

Impaired driving continues to be a problem in Summit County. Residents involved in crashes are 20% more likely to be impaired than crash drivers statewide. Regardless of residence, crash drivers in Summit County are 60% more likely than crash drivers statewide to be impaired. Summit

County ranks 10th worst and 8th worst on each of these measures. Resident males age 21 to 24 are 40% more likely to be impaired crash drivers than others their age statewide (18th worst). Similarly, resident teens are 80% more likely to be impaired crash drivers than other teens, resulting in the County's rank of 14th worst.

Overall, drivers in Summit County are 60% more likely to be involved in a crash than drivers statewide, ranking 9th worst.



# **TELLER COUNTY**

48th
highest of 64 counties
rank in fatalities

2 fatal crashes out of 409 statewide

2 fatalities out of 448 statewide

Primary challenges: impaired driving prevention for residents age 21 to 24 and all drivers; and teen and older driver crash prevention.

### **IMPAIRED DRIVERS (12 IMPAIRED INJURY CRASHES)**

impaired driver residence index 22<sup>nd</sup> worst

impaired driver crash location index 10<sup>th</sup> worst

percent of alcohol-related fatal crashes 64th worst

history of impaired driving index 51st worst

impaired male age 21-24 index 14<sup>th</sup> worst

80816 80863 80814 80813 impaired driver zip codes of residence

OCCUPANT PROTECTION (18 UNRESTRAINED INJURIES)

240/0 unrestrained percent of injuries 40<sup>th</sup> wors

### **TEEN DRIVERS (7 TEEN INJURY CRASHES)**

at-fault teen drive residence index 8th worst

impaired teen driver residence index 38<sup>th</sup> worst

**0.5%** of teens have texting, cell phone, and GDL violations

 $42^{nd} \, \text{worst of} \, 64 \, \text{counties}$ 

80863 80813 80816 80866 80814

at-fault teen driver zip codes of residence

### **ECONOMIC COSTS**

\$5,627,400 property damage

\$2,193,300 injury costs

\$2,580,000 fatality costs

\$10,400,700

total cost

### TELLER COUNTY

### **AT-FAULT DRIVERS (59 INJURY CRASHES)**

at-fault driver residence index 16<sup>th</sup> worst

 $0.8 \begin{cases} \text{crash location} \\ \text{index} \\ \text{43}^{\text{rd}} \text{ worst} \end{cases}$ 

### **OLDER DRIVERS (1 INJURY CRASH)**

drivers age 70-74 index 44<sup>th</sup> worst

1.6 drivers age 75-79 index 6<sup>th</sup> wors

drivers age 80-84 index 48<sup>th</sup> worst

drivers age 85-90+ index 64<sup>th</sup> worst

### RECKLESS DRIVERS (1 INJURY CRASH)

history of reckless driving index 42<sup>nd</sup> worst

reckless driver residence index 26th worst

### MOTORCYCLES (6 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index 24th worst

crash residence index 19th worst

The primary traffic safety issue in Teller County is impaired driving. Regardless of residence, crash drivers in Teller County are 50% more likely than crash drivers elsewhere to be impaired. Teller County ranks 10th worst out of 64 counties on this measure.

Male residents of Teller County between the ages of 21 and 24 are 70% more likely to be impaired crash drivers than those this age statewide, resulting in the County's ranking

of 14th worst.

Teller County teen drivers are 20% more likely than other teens to be at-fault drivers in a crash, and Teller County ranks 8th worst on this measure.

Residents age 75 to 79 are 60% more likely than others their age statewide to be involved in a crash, resulting in the County's rank of 6th worst.



# WASHINGTON COUNTY

37th
highest of 64 counties
rank in fatalities

3 fatal crashes out of 409 statewide

3 fatalities out of 448 statewide

Primary challenges: motorcycle crash prevention; and preventing reckless driving and excessive speed.

### **IMPAIRED DRIVERS (2 IMPAIRED INJURY CRASHES)**

impaired driver residence index 64th worst

impaired driver crash location index 54<sup>th</sup> worst

percent of alcohol-relater fatal crashes 64th worst

history of impaired driving index 47th worst

impaired male age 21-24 index 64th worst



OCCUPANT PROTECTION (3 UNRESTRAINED INJURIES)

21% unrestrained percent of injuries 48th worst

### **TEEN DRIVERS (1 TEEN INJURY CRASH)**

at-fault teen drive residence index 28<sup>th</sup> worst

impaired teen driver residence index 64th worst

**0.6%** of teens have texting, cell phone, and GDL violations

 $39^{th}$  worst of 64 counties

80720 80743 80801

at-fault teen driver zip codes of residence

### **ECONOMIC COSTS**

\$1,039,200 property damage

\$536,100 injury costs

\$3,870,000 fatality costs

\$5,445,300 total cost

## **WASHINGTON COUNTY**

### **AT-FAULT DRIVERS (12 INJURY CRASHES)**

at-fault driver residence index 13<sup>th</sup> worst

crash location index 37th worst

### **OLDER DRIVERS (0 INJURY CRASHES)**

drivers age 70-74 index 36<sup>th</sup> worst

drivers age 75-79 index 51st wors

drivers age 80-84 index 18<sup>th</sup> worst

### RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 44<sup>th</sup> worst

1.8 reckless driver residence index 6<sup>th</sup> worst

### MOTORCYCLES (2 MOTORCYCLIST INJURIES)

2.1 { rider-to-driver crash residence index 3rd worst}

 $1.9^{\text{crash residence}\atop \text{index}\atop 4^{\text{th}}\ \text{worst}}$ 

Motorcycle crashes are a problem in Washington County. Resident motorcyclists are 2.1 times more likely than drivers to be injured in a crash, the 3rd worst in the state. Similarly, Washington County motorcyclists are 90% more likely than motorcyclists statewide to be injured in a crash; the 4th worst.

Washington County residents involved in crashes are 80% more likely than crash drivers statewide to be cited with

reckless driving or excessive speed resulting in a crash. The County is the 6th worst in the state on this measure.



# WELD

highest of 64 counties rank in fatalities

fatal crashes out of 409 statewide

Primary challenges: impaired driving prevention; and occupant protection.

### **IMPAIRED DRIVERS (59 IMPAIRED INJURY CRASHES)**

impaired driver residence index impaired driver crash location index

alcohol-related fatal crashes

history of impaired driving index

impaired male age 21-24 index 22<sup>nd</sup> WOrst

80631 80516 80634 80603 80620 80621 80550 80543

impaired driver zip codes of residence

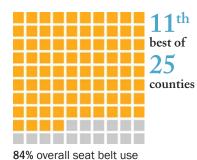
**ECONOMIC COSTS** 

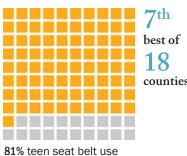
\$68,297,800

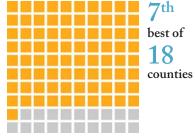
property damage

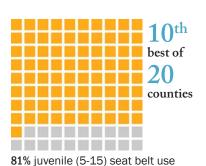
\$14,499,300 injury costs

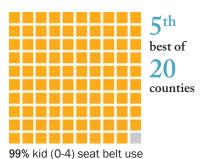
### **OCCUPANT PROTECTION (129 UNRESTRAINED** INJURIES)











\$52,890,000 fatality costs

\$135,687,100 total cost

### WELD COUNTY

### **TEEN DRIVERS (58 TEEN INJURY CRASHES)**

residence index

0.7% of teens have texting, cell phone, and GDL violations

37th worst of 64 counties

80631 80516 at-fault 80634 80621 teen driver 80550 80603 zip codes of 80620 80534 residence

### AT-FAULT DRIVERS (364 INJURY CRASHES)

### **OLDER DRIVERS (19 INJURY CRASHES)**

drivers age
70-74 index
32<sup>nd</sup> worst

### **OCCUPANT PROTECTION** (cont.)

### **RECKLESS DRIVERS** (10 INJURY CRASHES)

residence index

### **MOTORCYCLES** (44 MOTORCYCLIST

rider-to-driver crash residence index

crash residence index 20<sup>th</sup> worst

Weld County had the 2nd highest number of fatalities out of Colorado's 64 counties.

Observed seat belt use is above the state's average and is particularly high for juveniles and children. Other counties could learn from Weld County's success with juvenile and child occupant protection. However, 29% of those injured in Weld County crashes were unrestrained, the 24th worst rate in the state.

Impaired driving is an issue in Weld County, but the County is not in the top 20 worst on any measure, except for one key measure: Weld County comprised 13% of the state's alcoholrelated fatal crashes, the worst statewide.



# YUMA COUNTY

38th
highest of 64 counties
rank in fatalities

2 fatal crashes out of 409 statewide

3 fatalities out of 448 statewide

Primary challenges: occcupant protection overall; and preventing reckless driving and excessive speed.

### **IMPAIRED DRIVERS (1 IMPAIRED INJURY CRASH)**

impaired driver residence index 56th worst

impaired driver crash location index 61st worst

percent of alcohol-related fatal crashes 64th worst

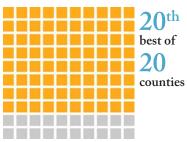
history of impaired driving index 45<sup>th</sup> worst

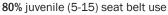
impaired male age 21-24 index 64<sup>th</sup> worst

80727 80758 80759

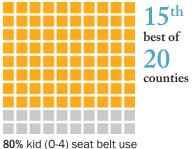
impaired driver zip codes of residence

# **OCCUPANT PROTECTION (9 UNRESTRAINED INJURIES)**





470/0 unrestrained percent of injuries 4th worst



#### \$1,605,60°

\$1,605,600 property damage

**ECONOMIC COSTS** 

\$691,500 injury costs

\$3,870,000 fatality costs

\$6,167,100 total cost

## YUMA COUNTY

### **TEEN DRIVERS (1 TEEN INJURY CRASH)**

at-fault teen drive residence index 15<sup>th</sup> worst

impaired teen drive residence index 34th worst

**0.5%** of teens have texting, cell phone, and GDL violations

43rd worst of 64 counties

80758 80824 80759 80735 80727

at-fault teen driver zip codes of residence

### **AT-FAULT DRIVERS (15 INJURY CRASHES)**

at-fault driver residence index 44th worst

crash location index 51st worst

### **OLDER DRIVERS (1 INJURY CRASH)**

drivers age 70-74 index 53<sup>rd</sup> worst

0.5 drivers age 75-79 index 41st wors:

drivers age 80-84 index 19<sup>th</sup> wors

0.6 drivers age 85-90+ index 24<sup>th</sup> worst

# RECKLESS DRIVERS (0 INJURY CRASHES)

history of reckless driving index 14<sup>th</sup> worst

 $1.5 \begin{cases} \text{reckless driver} \\ \text{residence index} \\ \text{14}^{\text{th}} \text{ worst} \end{cases}$ 

### MOTORCYCLES (0 MOTORCYCLIST INJURIES)

rider-to-driver crash residence index 64th worst

crash residence index 64th worst

Of those injured in Yuma County crashes, 47% were unrestrained, the 4th worst rate in the state. Juvenile and child occupant protection use is low.

The County is among the best in the state with respect to impaired driving crashes.

Yuma County residents involved in crashes are 50% more likely than drivers statewide to be cited with reckless driving or excessive speed resulting in a crash; the 14th worst statewide.



