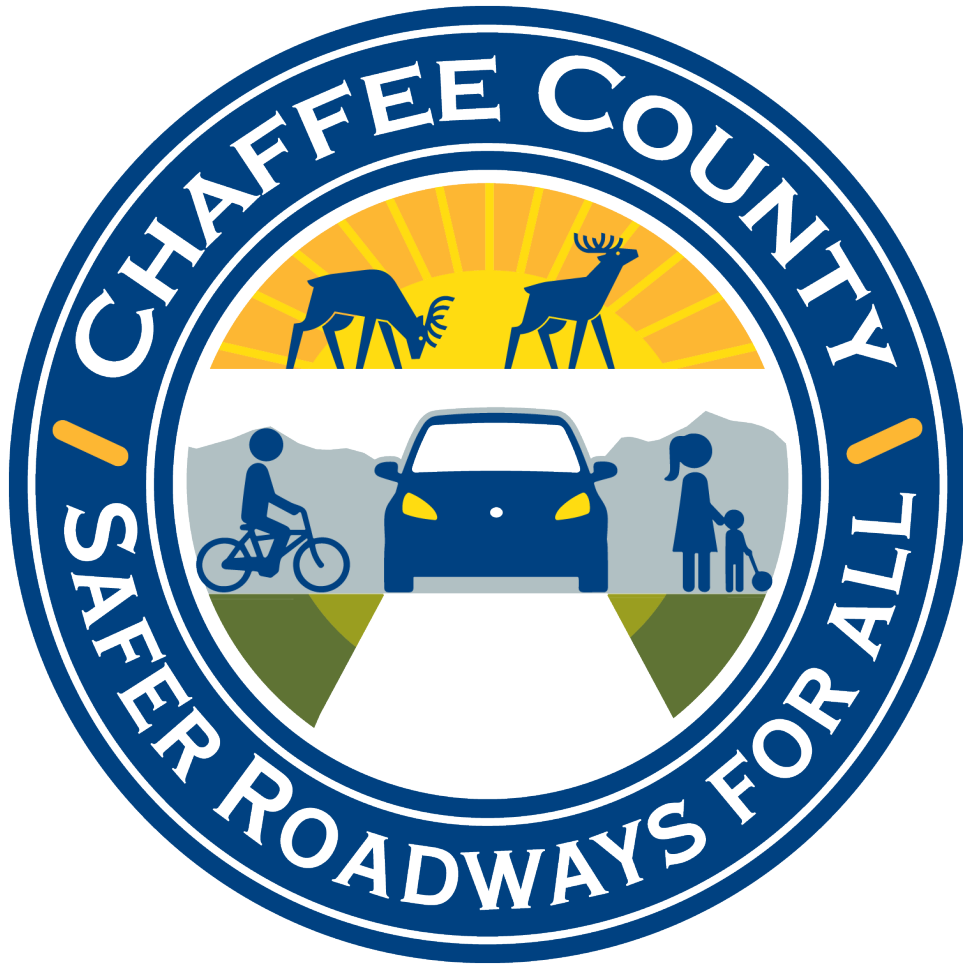




May 2026

Crash Profiles

What are Crash Profiles?

Crash profiles represent the most common crash types in Chaffee County that resulted in killed and serious injury (KSI) crashes. Crash profiles are useful in categorizing observed safety concerns at a particular location in order to identify the most effective safety countermeasures to prevent future crashes.

Collectively the top four crash profiles identified in Chaffee County represent 96% of all KSI crashes in the county from 2017-2024.

Top Crash Profiles in Chaffee County

Lane Departure



76% of KSI Crashes
47 % of Total Crashes

Wildlife



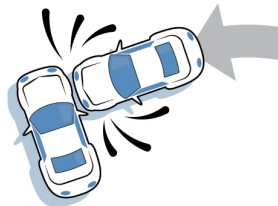
3% of KSI Crashes
33 % of Total Crashes

Pedestrian/ Bicycle



9% of KSI Crashes
2 % of Total Crashes

Vehicle-to-Vehicle Intersection



8% of KSI Crashes
16 % of Total Crashes

Lane Departure

KSI Crashes: 76%

All Crashes: 47%

A vehicle crossed the center line or edge line or leaves the roadway altogether resulting in fixed-object crash, head-on crash, side-swipe opposite direction, overturning crash, or other crash from departing the travel lane.



Risk Factors/Sub Profiles (%KSI)

- Speeding (35%)
- Failed to negotiate curve (32%)
- Under the influence of alcohol or drugs (25%)
- Asleep at wheel (16%)
- Icy/snowy road (16%)
- Distracted driver (8%)

Potential Countermeasures

- Speed Management
- Winter Maintenance
- Rumble/Mumble Strips
- Guardrail
- Raised Median/Center Barrier
- Increase Shoulder Width
- Enhanced Curve Delineation
- Edgeline
- Raised Pavement Markers
- High Friction Surface Treatment
- Curve Warning Sign
- Safety Edge
- No Passing Zone
- Passing Lane
- Short 2+1 Road Sections
- Advance Warning Signage
- Maintenance of Faded Signage and Striping
- Lighting

Wildlife

A car or other vehicle hit a wild animal crossing the road resulting in a crash.

KSI Crashes: 3%

All Crashes: 33%



Risk Factors/Sub Profiles (%KSI)

- Deer (84%)
- Elk (12%)
- 5 PM – 9PM (45%)

Potential Countermeasures

- Wildlife fencing
- Wildlife crossings
- Wildlife crossing signage
- Wildlife detection signage

Pedestrian/Bicycle

KSI Crashes: 9%

All Crashes: 2%

A car or other vehicle hit a pedestrian or a person on a bicycle resulting in a crash.



Risk Factors/Sub Profiles (%KSI)

- Crossing road at unsignalized location (64%)
- Left turn into pedestrian/bicyclist at a signalized intersection (9%)
- Left turn into a pedestrian/bicyclist at an unsignalized location (9%)
- Bicycle-vehicle same direction (9%)

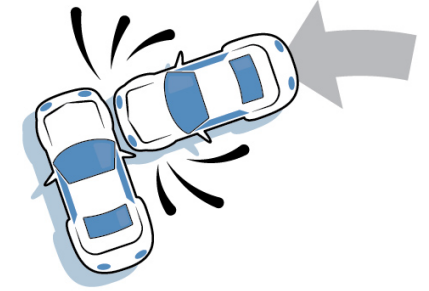
Potential Countermeasures

- Speed Management
- New or Upgraded Pedestrian Crossing
- Shorten Pedestrian Crossing
- Median for Two-Stage Crossing
- Signal/Roundabout
- Lighting
- Regular Maintenance of Crosswalk
- Leading Pedestrian Interval
- Pedestrian-Protected Left Turn Signal Operation
- Increase Shoulder Width
- New or Upgraded Bicycle Facility

Vehicle-Vehicle Intersection

Two motorized vehicles collide at an intersection.

KSI Crashes: 8%
All Crashes: 16%



Risk Factors/Sub Profiles (%KSI)

- Unsignalized intersection (80%)
- Left turn and broadside at unsignalized intersection (30%)
- Rear-end at unsignalized intersection (30%)
- Redlight running (20%)

Potential Countermeasures

- Speed Management
- Access Management
- Roundabout/Traffic Signal
- Left-turn Lane
- Convert Full-Access into 3/4-Access (right-in, right-out, left-in) or Right-in Right-out only
- Increase Sight Distance Triangle
- Transverse Rumble Strips on Stop-controlled Approaches in Rural Areas
- Advance Warning Signage
- Increase Signal Visibility
- Increase All-red Clearance Interval
- Protected Left Turn Signal Phasing
- Red Light Cameras