Traffic Crashes in Fort Collinsand How To Avoid Them

Human Resources "Knowledge Pot"

July 27, 2011



1

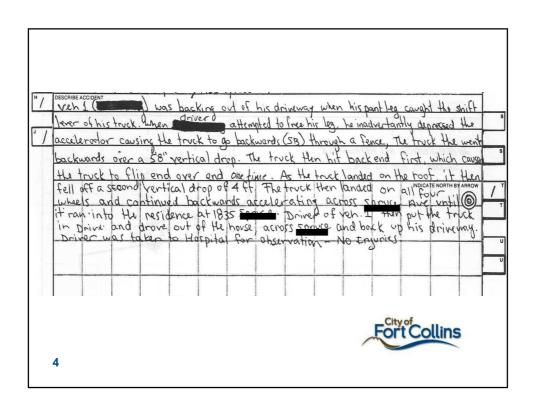
Purpose

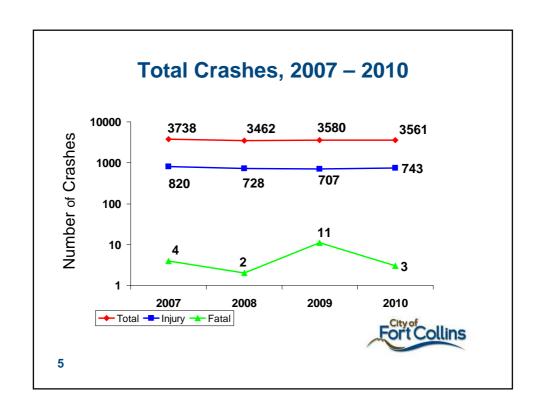
- •Identify Traffic Crash Types
- •Learn about Errors that Lead to Crashes
- •Discuss Techniques to Avoid Common Crashes

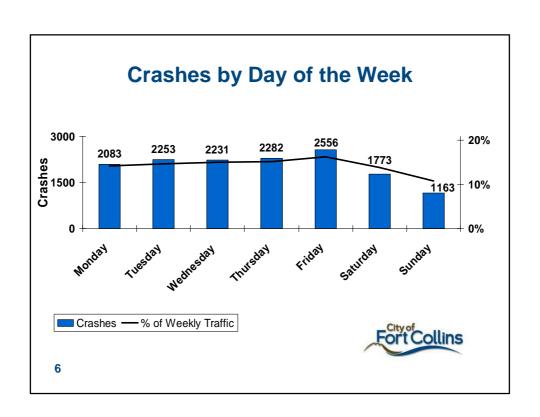


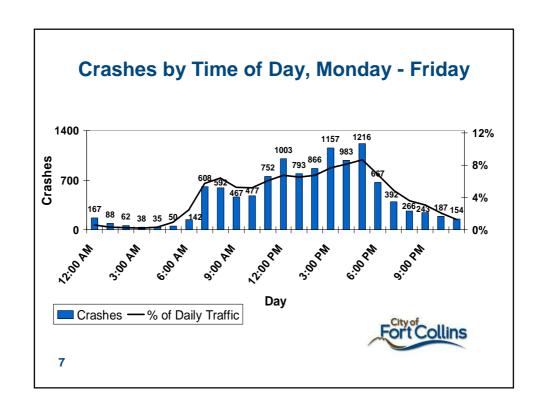
About the Data

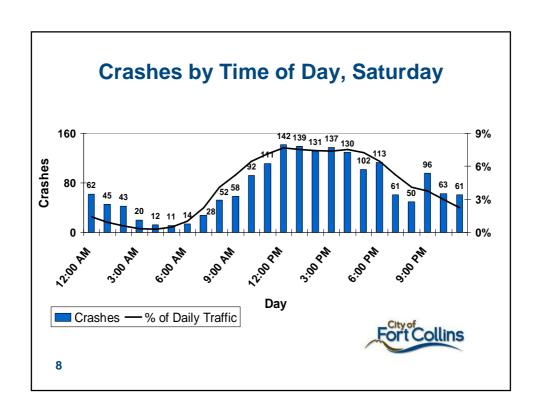
- Crash Data from Police Crash Reports
 - Public Street Crashes Only (no parking lots)
 - •Reported Crashes Only (many go unreported)
 - •Only Crashes that Involve a Motor Vehicle
 - Extensive Error Checking
 - •2007 2010 Data
- •Traffic Volume Information from Traffic Ops
- •Drivers License Info from the State Department of Revenue

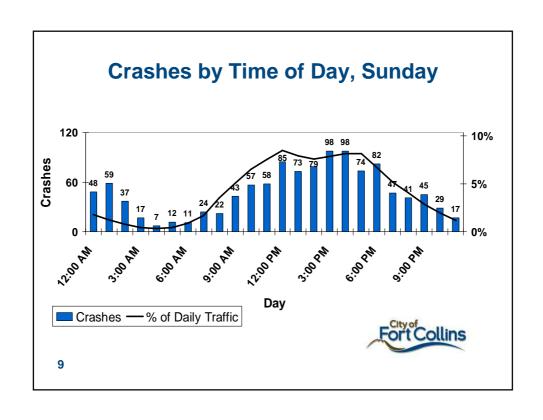


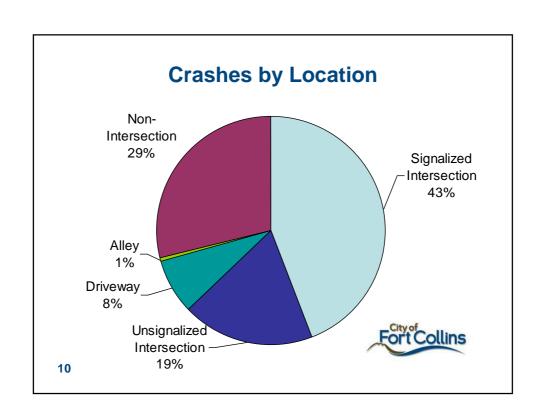


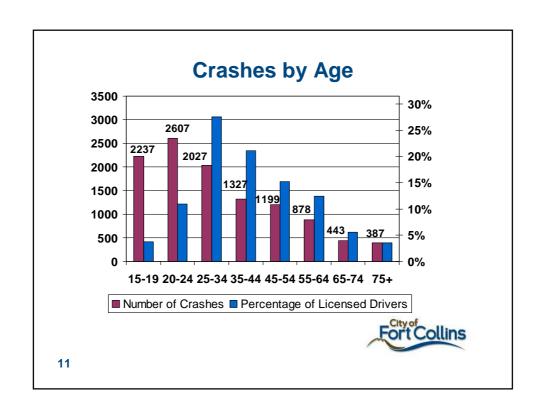


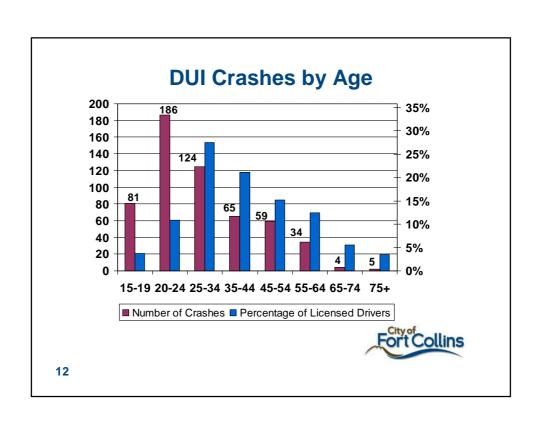












What Causes Crashes? INATTENTION!



13

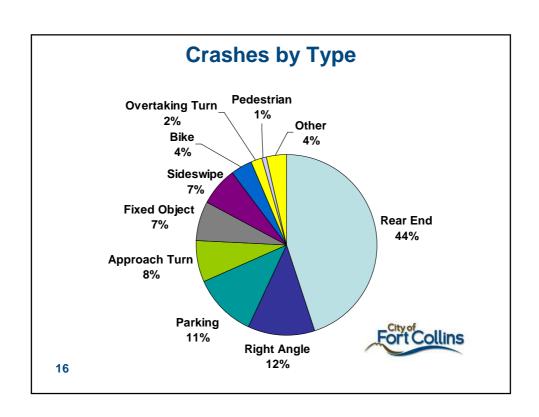
INATTENTION

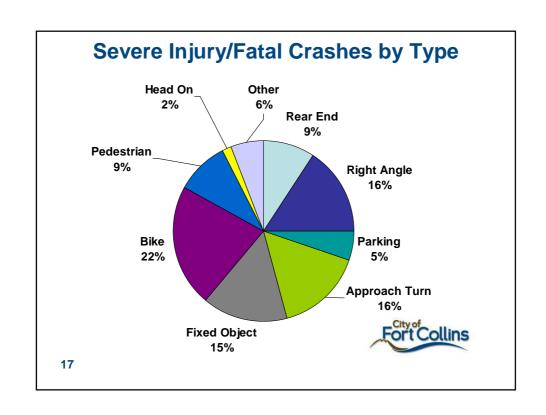
- Inattention is the direct or underlying cause of most crashes.
- When you're driving a car, DRIVING should be your #1 priority and main focus.
- Improving concentration and reducing distractions are the biggest changes that most experienced drivers could make to improve their driving

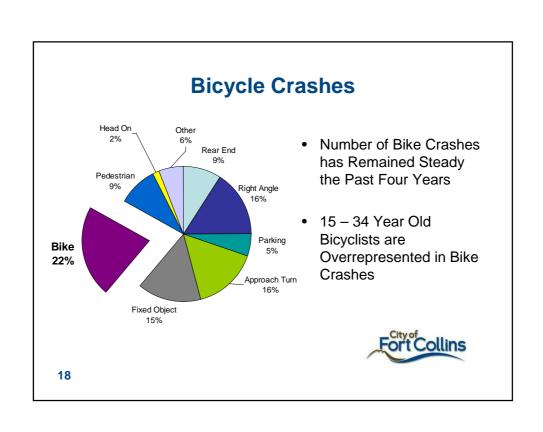


INATTENTION

- · Cell phones are only one of many distractions
- Some others include:
 - Adjusting audio controls
 - Eating/Drinking
 - Smoking
 - Reading/Writing
 - Grooming
 - Babies/Children
 - Other vehicle controls (a.c., heat etc.)
 - External distractions (rubber necking) Fort Collins

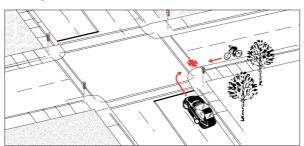






Bicycle Crashes

 83% of bicycle crashes occurred at intersections. Most involved right of way violations by motorists and/or bicyclists



 36% of bike crashes involved bikes riding against traffic (usually from the sidewalk) conflicting with cross street vehicles



19

Bicycle Crashes

Bicyclists

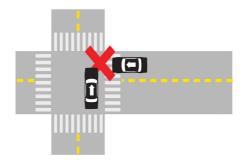
- Don't ride against traffic
- Avoid riding on the sidewalk. If necessary slow to walking speed to cross intersections, driveways, alleys etc.
- · Obey rules of the road

Motorists

- Check to the right even when turning right
- "See" bicyclists at intersections
- · Obey rules of the road



Right Angle Crashes



- 65% of Right Angle Crashes Occurred at <u>Unsignalized</u> Intersections
- •28% of Right Angle Crashes Involved Red Light Running at Signals



21

Right Angle Crashes Failure to Yield at Unsignalized Intersections

Most broadside accidents occur after stopping at a STOP sign





Right Angle Crashes Failure to Yield at Unsignalized Intersections



23

Right Angle Crashes

Failure to Yield at Unsignalized Intersections

- Crossing or making a left turn from a STOP at a busy cross street is one of the most challenging tasks for drivers.
 - Be patient, don't take risks due to long delays
 - Consider turning right instead of left if your patience is wearing thin

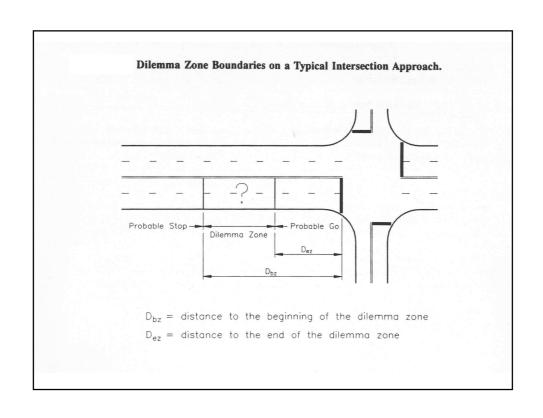
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Plan alternate routes to avoid difficult intersections

Right Angle Crashes Red Light Running

• High speed approaches to signalized intersections cause special problems





Right Angle Crashes Red Light Running

- On high speed approaches let off the accelerator in anticipation of a yellow light
- Remember that rain and snow increase stopping distances and adjust your speed and decisions accordingly
- If stopped at a red light be aware of red light running potential before proceeding

27

Approach Turn Crashes



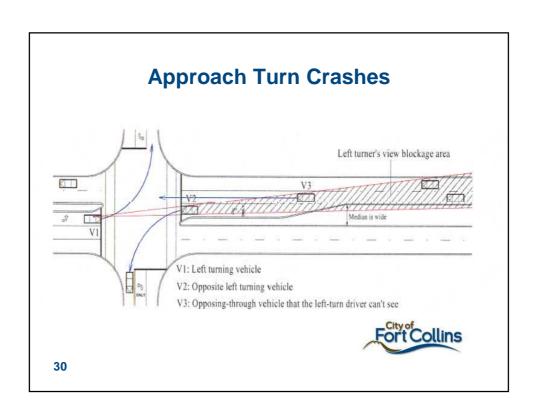
 75% of Approach Turn Accidents Occurred at Signalized Intersections

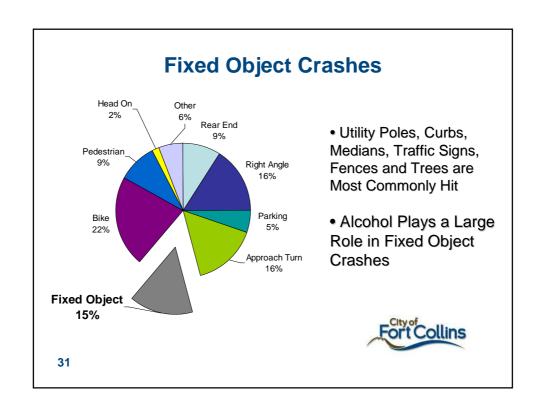
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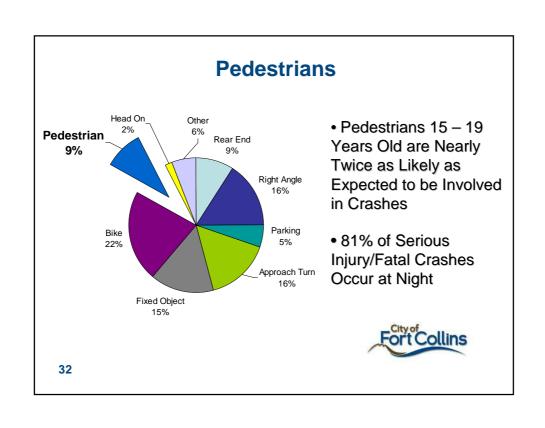


Approach Turn Crashes

- Many approach turn accidents occur when the signal turns yellow
- Avoid this type of accident by making sure that oncoming traffic is stopping before making your turn
- It is <u>legal</u> to be <u>in</u> an intersection on a red light wait as long as necessary before completing your turn
- If approaching an intersection and someone in the opposite direction is turning left, err on the side of caution if the light turns yellow. Don't trust that they'll wait.

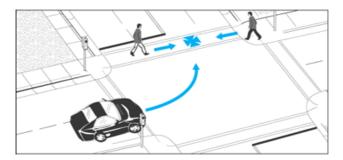






Pedestrians

Motorists Failing to Yield at Intersections Account for 46% of Pedestrian Crashes



 Pedestrians Darting Out or Failing to Yield Account for 69% of Severe Injury/Fatal Crashes



33

Pedestrian Crashes

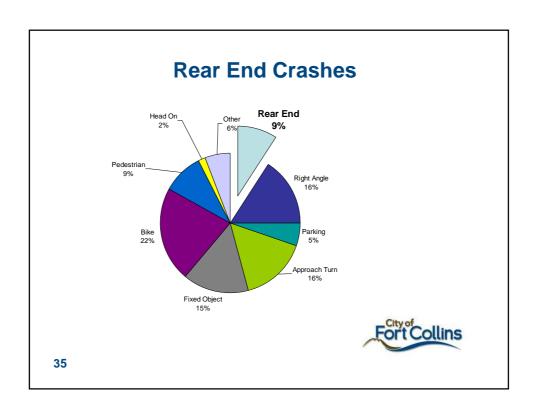
Pedestrians

- Don't assume motorists see you (especially at night and at busy intersections)
- Watch for turning vehicles at intersections. Wait if necessary even if you have the right of way. Make eye contact.

Motorists

• Look along your turning path (left or right) for pedestrians





Rear End Crashes Avoid Rear Ending Someone

- Keep a safe following distance and be prepared to stop
- Pay Attention!



Rear End Crashes Avoid Getting Rear Ended

- Don't stop suddenly know where you're going
- Pay attention and plan your turns in advance
- Use turn signals turn on your signal BEFORE you put on your brakes to slow down
- Make your turn quickly (provided it is safe to do so watch for pedestrians)

Fort Collins

37

Rear End Crashes Avoid Getting Rear Ended

- Don't encourage tailgating
 - Stay with the flow of traffic
 - Keep right as necessary to allow faster traffic to pass
 - If someone is following too close take extra precautions when slowing or turning
 - Signal for longer periods of time
 - Slow more gradually
 - Tap your brakes repeatedly to flash your brake lights while slowing



Other Tips

- · Wear your seatbelt
 - The evidence is indisputable that wearing your seatbelt substantially reduces your chances of injury or death if you are involved in an accident
- · Helmets for motorcyclists
 - Evidence supporting the safety benefit of helmets for motorcyclists, while not as strong as for seatbelts, still suggests a benefit to wearing a helmet



39

Questions?

