VISION ZERO: Causes of Fatal Crashes

FACTORS CONTRIBUTING TO PEDESTRIAN FATALITIES

53%: Dangerous Driver Choices
30%: Dangerous Pedestrian Choices
17%: Dangerous Driver and Pedestrian Choices
<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>% of Registrations</th>
<th>Total Fatal &amp; Serious Injury Crashes</th>
<th>% of Total Fatal &amp; Serious Injury Crashes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Private Vehicle</td>
<td>90%</td>
<td>4,530</td>
<td>79%</td>
</tr>
<tr>
<td>For-Hire</td>
<td>2.1%</td>
<td>771</td>
<td>13%</td>
</tr>
<tr>
<td>Truck</td>
<td>3.6%</td>
<td>246</td>
<td>4%</td>
</tr>
<tr>
<td>Bus</td>
<td>0.4%</td>
<td>177</td>
<td>3%</td>
</tr>
</tbody>
</table>
VISION ZERO: Working Together to Reach This Goal

- Education
- Engineering
- Enforcement
VISION ZERO: Redesigning Intersections

Better Street Design:
Smart, Simple, Safe

Before

After
The goal for Vision Zero is to end traffic-related deaths and injuries in New York City.

As drivers providing a service for the riding public, your safe driving matters.

This presentation will review the consequences of unsafe driving behavior and how to navigate the streets safely.
• The speed limit in NYC is **25 MPH** unless otherwise posted.

• **Speeding** is a leading cause of fatal crashes in NYC.

• More people are killed by speeding drivers than drunk drivers and drivers on cell phones combined.

• Drivers can tell their passengers that they cannot speed.
More than one in four pedestrian deaths and serious injuries are caused by a turning driver striking a pedestrian in the crosswalk.

Turning drivers are always responsible for the safety of pedestrians in the crosswalk – no matter who had the light.

Cooper’s Law enforces driver responsibility by prosecuting drivers who fail to yield to passengers in the crosswalk.
• Left turns are **three times** more likely to kill or seriously injure a pedestrian than right turns.

• When turning left, the driver’s sight is partially blocked. The A-pillar makes it hard to see pedestrians in the left crosswalk.
A safe left turn is 5 MPH.

Always look for pedestrians and bicyclists in the crosswalk and beyond.

Avoid the “Left Sweep” – or shorter turn – that limits visibility.
• Driver inattention, including using cell phones and other devices, is a contributing factor in 22% of pedestrian deaths and serious injuries in NYC.

• TLC-licensed drivers are not allowed to use phones, even hands-free, while operating a taxi or for-hire vehicle.
VISION ZERO: License Consequences

- TLC-licensed drivers will have their licenses immediately suspended if their actions contributed to a car crash.
- Too many points on your TLC or DMV record can lead to suspension or revocation of your TLC license under Critical Driver and Persistent Violator rules.
When you **drive while tired**, you are more likely to be involved in a crash. Fatigue limits your attention to the road and slows your reaction time for breaking or steering.

- Take breaks during your shift and stop driving any time you feel tired.
Track the time you spend with a passenger

Drive up to 10 hours with a passenger in any 24 hours

Drive up to 60 hours with a passenger each week

Optional: Take at least 8 hours off to reset your daily clock
• To avoid any injuries, remind passengers to exit on the **curbside** only.

• Remind passengers to look for cyclists, vehicles, and other pedestrians when exiting the vehicle.
• One in six bicyclist injuries occur when a bicyclist is struck by a door opened suddenly.
• Remind passengers to look for cyclists before they exit the cab.
• “Look for Cyclists” window decals are available at the TLC inspection facility.
VISION ZERO: Enforcement

- **Speeding:** NYPD issued 137,000 speeding tickets in 2016, up 78% from before Vision Zero.

- **Failure to Yield:** NYPD issued 43,000 failure to yield summonses in 2016, up 243% from before Vision Zero.

- **Right of Way Law:** Penalties for striking a pedestrian range from $250 to 30 days in jail.
• Passengers do not control the speed of the taxi – drivers do. Remind passengers of the speed limit and why it is important to obey the law.

• A driver at 40 MPH needs 300 feet to brake and avoid a crash – twice as far as a driver at 25 MPH, who only needs 150 feet.

• A pedestrian struck at 25 MPH is half as likely to be killed as one struck at 30 MPH.
• Almost 500,000 speed camera violations in 2014.
• These cameras reduce speeding and running red lights, making our streets safer.
• Using mobile speed cameras means that enforcement is consistent all over the city.
• Leave **at least 3 feet** between you and the cyclist in all directions.

• Cyclists may unexpectedly swerve to avoid opening doors or a pothole; they need the extra room to stay safe.

• Remind passengers to look for cyclists before opening their door.
When on streets with bicyclists, remember:

- If no room to safely pass, slow down and stay behind the cyclist until there is enough room to pass. It is illegal and unsafe to pass at an unsafe distance.
- Signal before pulling over; sudden stops are dangerous.
- Remind passengers to look for cyclists before opening their door.
Rules of the Road: Mixing Zones

• A mixing zone is where cars and bikes share the same road space.

• Slow down when approaching the intersection.

• Watch for bike traffic. You must signal and turn slowly.

• Do not pick up or drop off passengers in the mixing zone.
• Bike boxes and stop bars make pedestrians & cyclists easier to see.

• Located approximately **10 feet** before crosswalks.

• Cyclists should wait in the bike box, in front of vehicular traffic, until the light changes.
• Driving or standing is **not allowed** during the hours the bus lane is in effect.

• If possible, pick up or drop off where there isn't a bus lane – across the street or on the cross street.

• For right turns in offset bus lanes, merge through the bus lane and use the curbside lane so you do not block the bus.
• No driving, parking, or standing in a bus lane during posted hours of operation.

• Signs are posted where bus lane cameras are in use to warn drivers to keep out.

• Drivers who receive bus lane violations can view the video footage used to issue the violation.

• NYPD regularly patrols bus lanes, and issues tickets to bus lane violators.
Rules of the Road: Bad Weather

Tips for staying safe while driving during bad weather:

• Leave enough space between cars to stop on slippery roads.

• Expect pedestrians, especially when your sight is limited.

• Listen to TLC recommendations and City orders to stay off roads during extreme weather events.
• In darkness, it’s harder for drivers to see pedestrians until they are too close.
• More pedestrians are hurt in crashes around dusk than at any other time.
• Always drive the speed limit and look closely for pedestrians and bicyclists at dusk and at night.
• 378 drivers made the TLC Safety Honor Roll in 2016.

• 333 drivers were first-time honorees in 2016 and 45 drivers were repeat honorees.

• **Criteria:** No crashes involving injuries, traffic violations, or the violation of TLC safety rules over the past four or more years.