



MAG Strategic Transportation Safety Plan

MAG Regional Council

October 23, 2013



MAG Strategic Transportation Safety Plan (STSP)

- ▶ Plan development is underway with oversight provided by the Transportation Safety Committee
- ▶ To guide systematic road safety improvements regionwide
- ▶ Recommendations will be included in the NextGen RTP
- ▶ Coordinated with the AZ Strategic Highway Safety Plan
- ▶ Consultant Team: Lee Engineering & Texas Transportation Institute; Completion – Jan 2015; Budget - \$300,000

2005 MAG STSP — Key Accomplishments

Road Safety Assessment (RSA) Program:

- ▶ 26 high crash intersections reviewed for safety and reports provided to local agencies

Road Safety Management System:

- ▶ Crash data analysis software
- ▶ Uses crash data archive 1999-2012
- ▶ Soon -- web-based access available to designated staff at MAG agencies



2005 MAG STSP – Key Accomplishments

Safe Routes to School Program

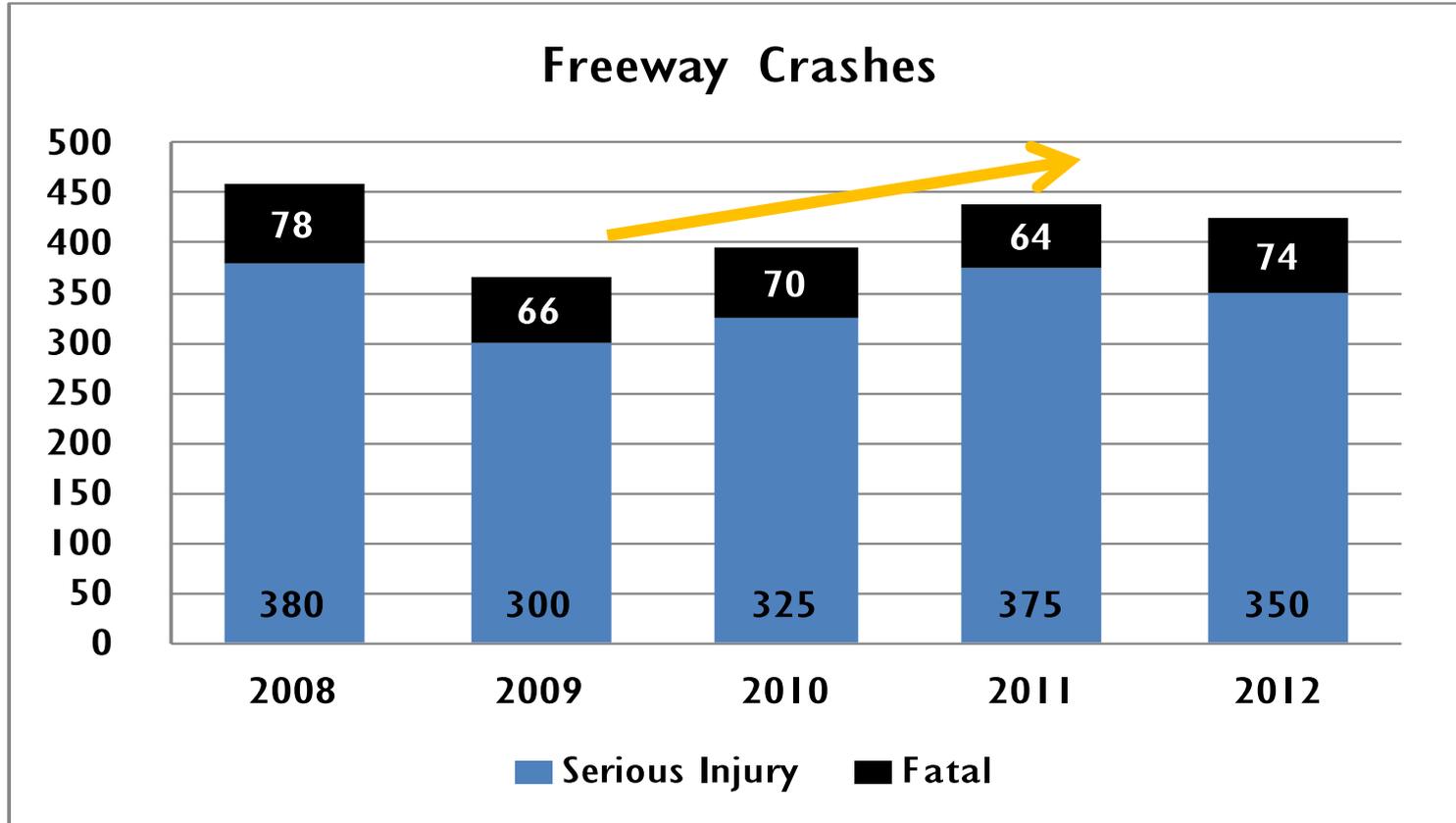
- ▶ Annual School Crossing Guard Training Workshops
 - ▶ 2013 workshops - 465 guards trained
- ▶ Guardians of the Future
 - ▶ School Crossing Guard Training Video
 - ▶ Produced by MAG in partnership with Avondale, Glendale, Mesa, Phoenix, Tempe, Peoria
 - ▶ Distributed to all 900 K-8 schools



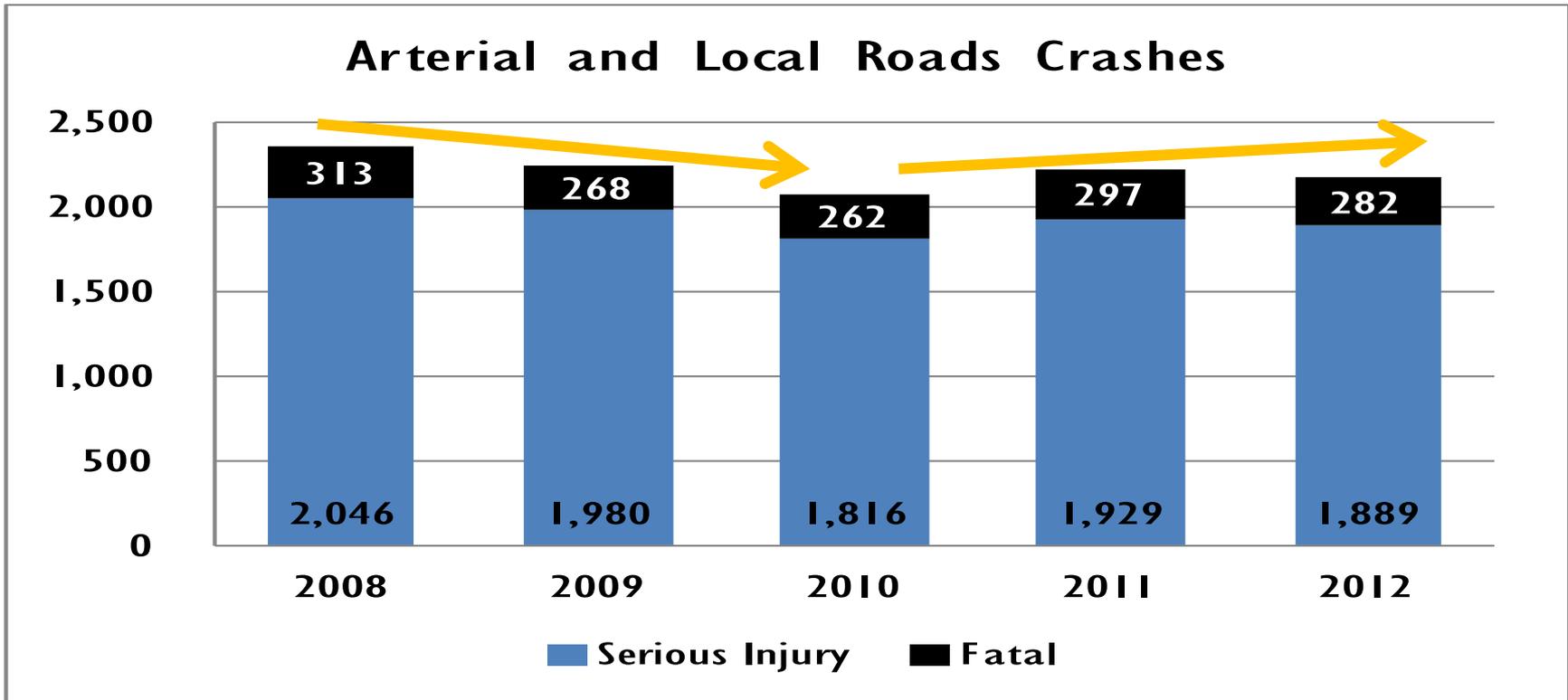
STSP - Key Project Tasks Completed

1. Review the state of road safety in the MAG region
2. Compare MAG region to similar urban regions
3. Establish the overall Vision and Goals for transportation safety in the MAG region

Fatal/Serious Injury Crashes on Freeways

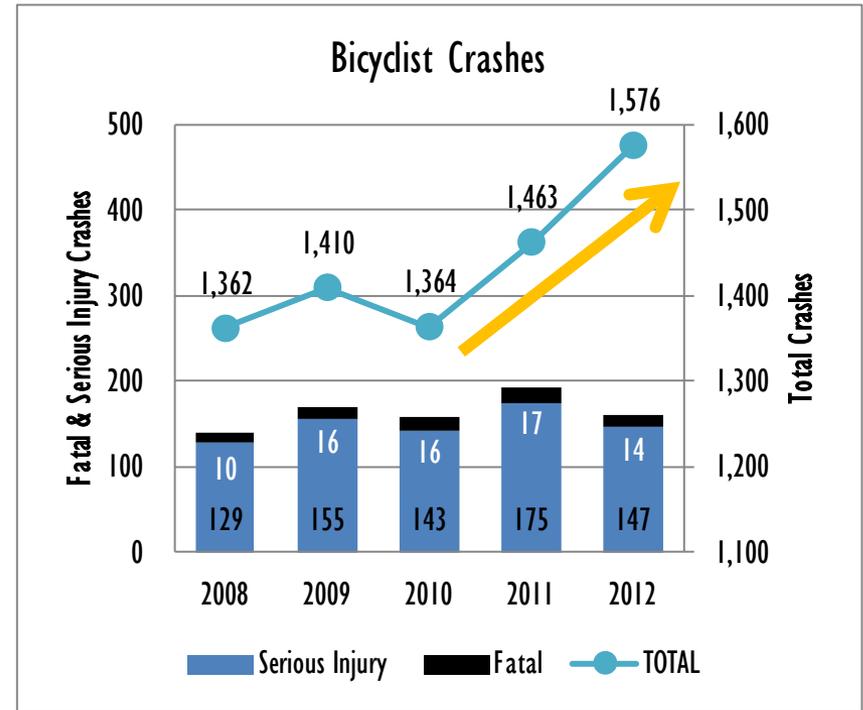
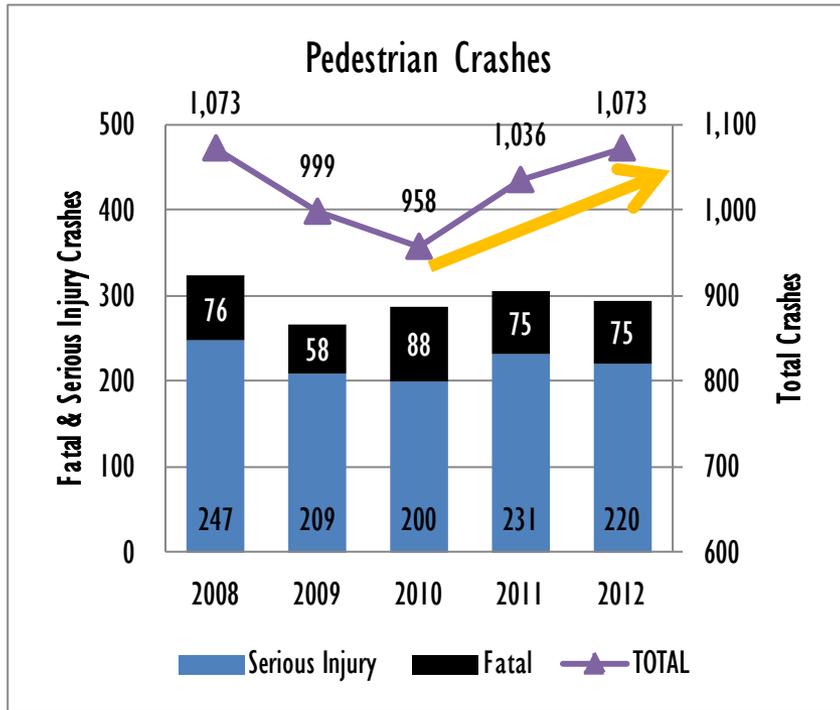


Fatal/Serious Injury Crashes on Arterials/Local Roads



Serious crashes on arterials is about 5 times that on freeways

Crashes Involving Pedestrians & Bicyclists



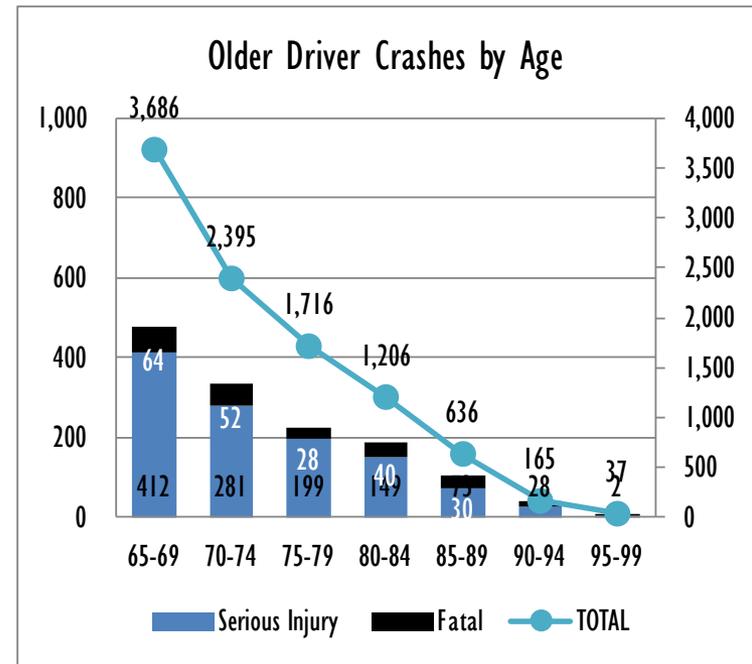
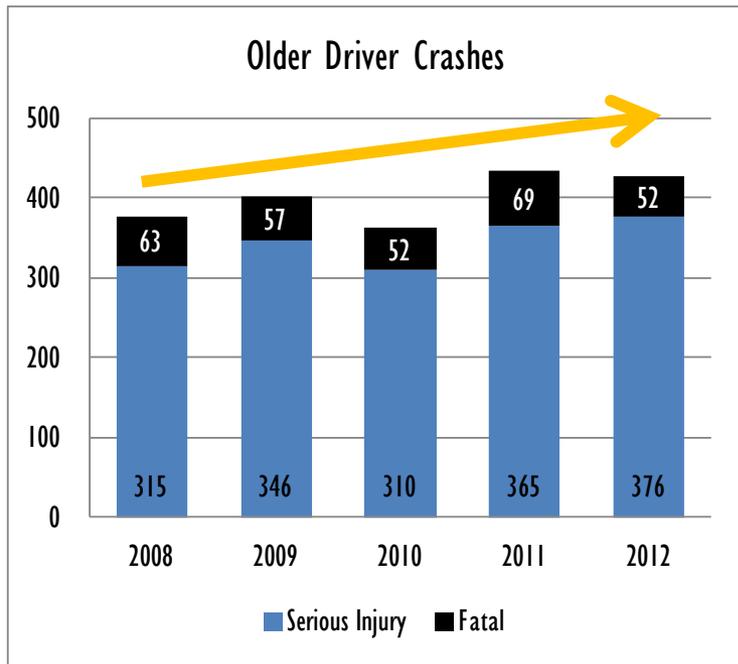
Inters Related
575 (40.7%)

Non-Inters Related
838 (59.3%)

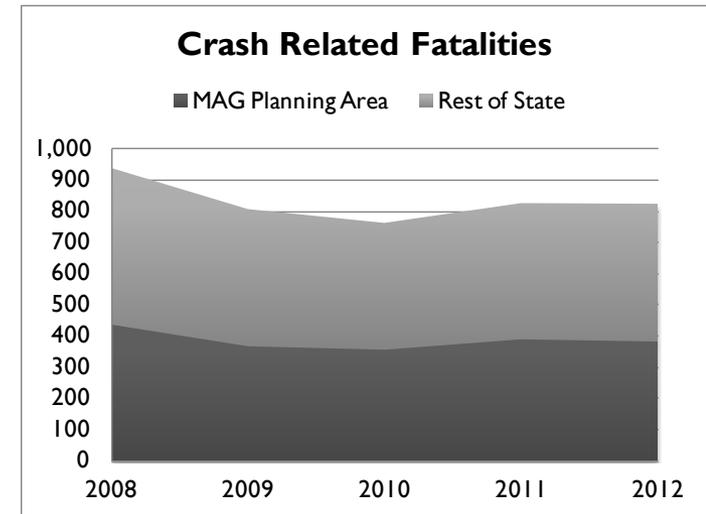
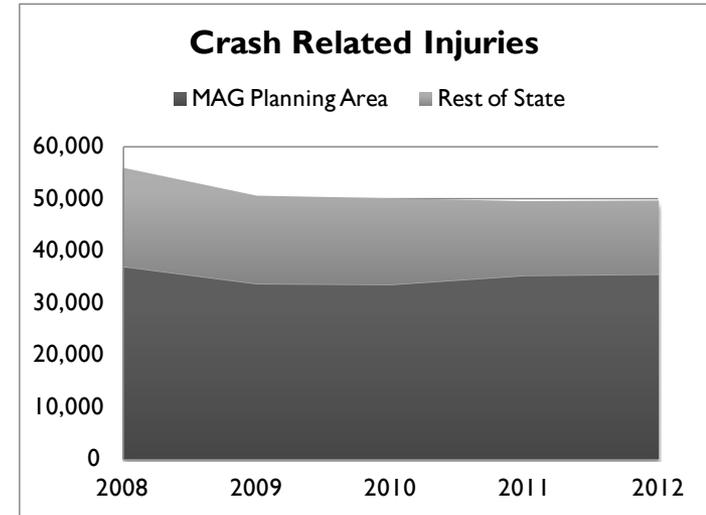
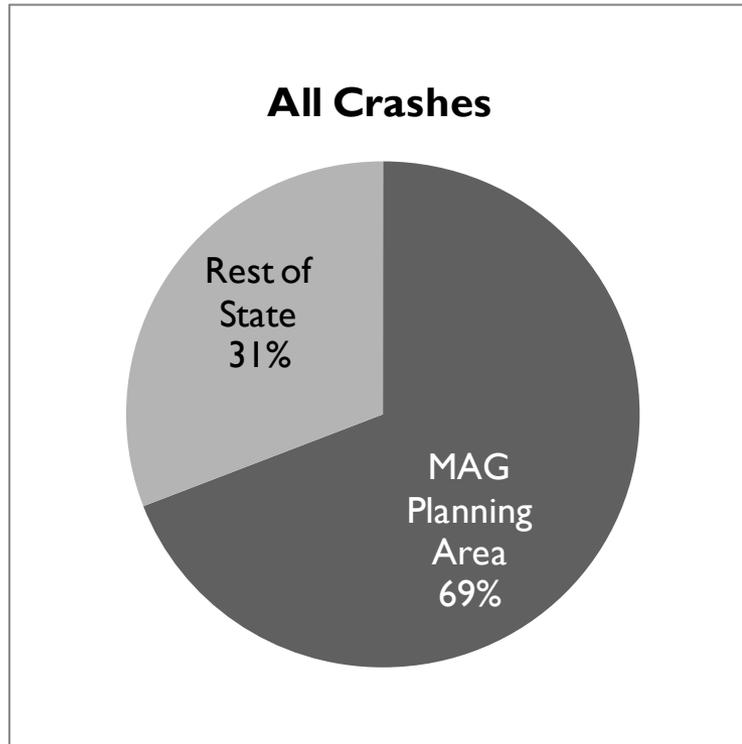
Inters Related
442 (55.3%)

Non-Inters Related
358 (44.7%)

Crashes Involving Older Drivers

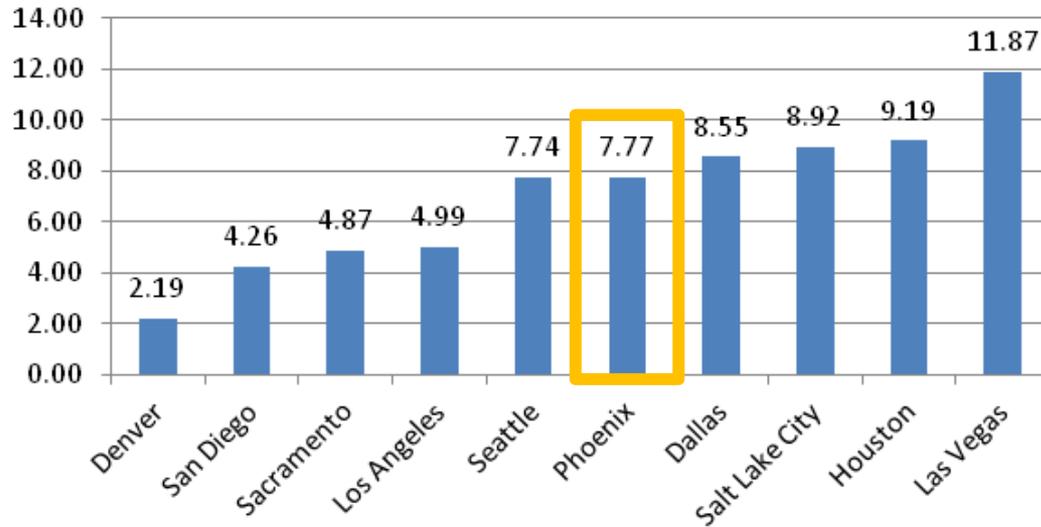


Comparison to the State

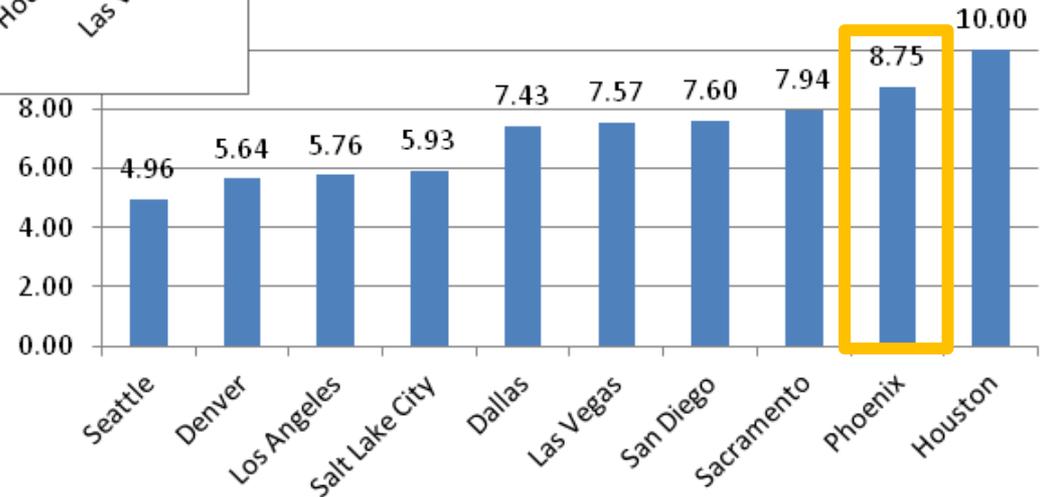


Comparison to Selected Urban Regions

Injuries per 1,000 persons



Fatalities per 100,000 persons



Vision & Goals for Road Safety

- ▶ Sept 24th Visioning Workshop
 - ▶ Included a wide range of agencies with a stake in road safety
- ▶ “What should be the region’s Vision for Road Safety?”
- ▶ Japanese Proverb - “Vision without action is a daydream. Action without vision is a nightmare.”



How many people are killed
on America's roads?

MAG Road Safety Vision



Zero Deaths - Zero Injuries

For more information

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