



New Mexico DEPARTMENT OF
TRANSPORTATION
MOBILITY FOR EVERYONE



Automated Speed Enforcement

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Associated Contractors of New Mexico

Bernalillo County Announces Start of Automated Speed Enforcement Program to Improve Road Safety

- August 23, 2024
- **Bernalillo County** – BernCo leaders announced today the start of the automated speed enforcement program with the installation of nearly a dozen speed cameras across Bernalillo County. The automated speed enforcement program, overseen by vendor, Altumint Inc., follows an ordinance passed by Bernalillo County Commissioners in February 2023.
- **“This program is not intended to be a money generator, it’s for safety and that is something our streets really need. I look forward to seeing the impact it has on all Bernalillo County roads,”** says Interim County Manager Shirley Ragin.



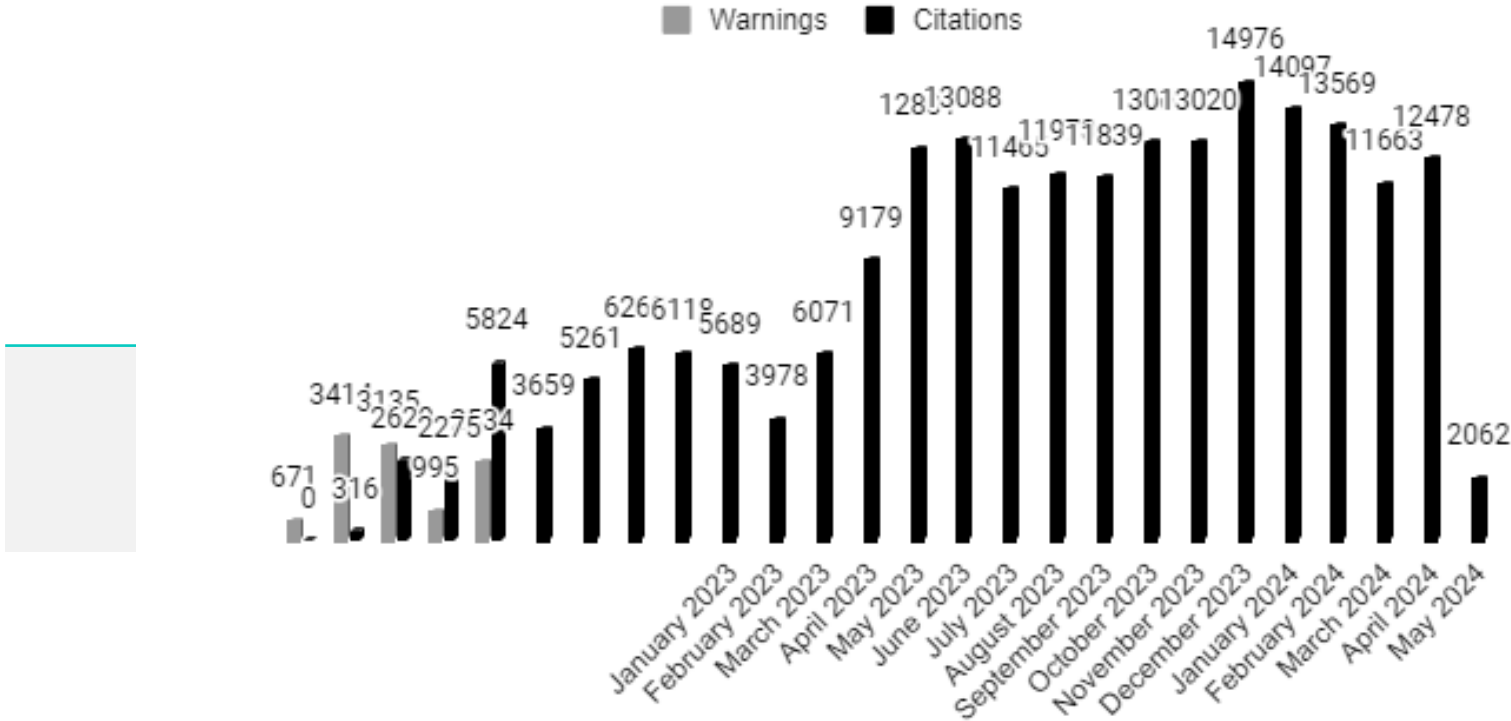
The greater the speed of a vehicle at the time of a crash, the higher the risk of death for a pedestrian struck.



Source: Federal Highway Administration. Based on data from the AAA Foundation for Traffic Safety, Impact Speed and a Pedestrian's Risk of Severe Injury or Death, September 2011.

Warnings and Citations

Warnings and Citations (updated 05/20/2024)



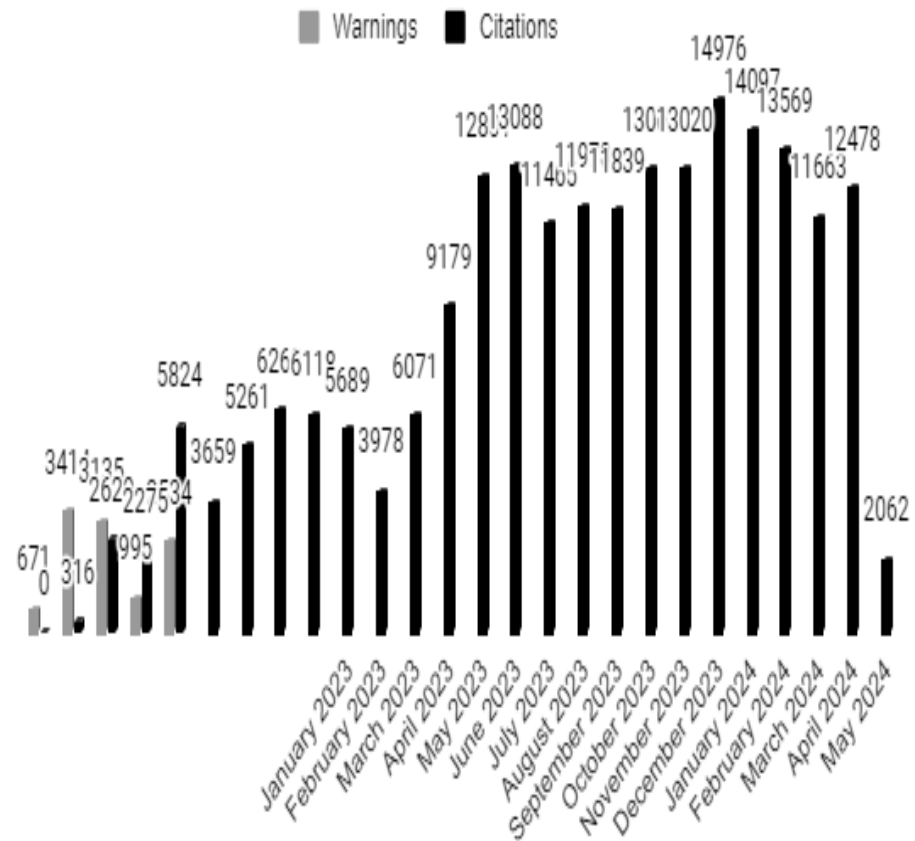


SAFE SYSTEM

APPROACH

Zero is our goal. A Safe System is how we get there.

Warnings and Citations (updated 05/20/2024)



SAFE SYSTEM ELEMENTS



Safe Road Users

The Safe System approach addresses the safety of all road users, including those who walk, bike, drive, ride transit, and travel by other modes.



Safe Vehicles

Vehicles are designed and regulated to minimize the occurrence and severity of collisions using safety measures that incorporate the latest technology.



Safe Speeds

Humans are unlikely to survive high-speed crashes. Reducing speeds can accommodate human injury tolerances in three ways: reducing impact forces, providing additional time for drivers to stop, and improving visibility.



Safe Roads

Designing to accommodate human mistakes and injury tolerances can greatly reduce the severity of crashes that do occur. Examples include physically separating people traveling at different speeds, providing dedicated times for different users to move through a space, and alerting users to hazards and other road users.



Post-Crash Care

When a person is injured in a collision, they rely on emergency first responders to quickly locate them, stabilize their injury, and transport them to medical facilities. Post-crash care also includes forensic analysis at the crash site, traffic incident management, and other activities.

Source: FHWA.



Filling the Compliance Gap



© moodboard / AdobeStock.com.



Safe ROADS: Crash Kinetic Energy

Managing crash kinetic energy involves:



Managing speed



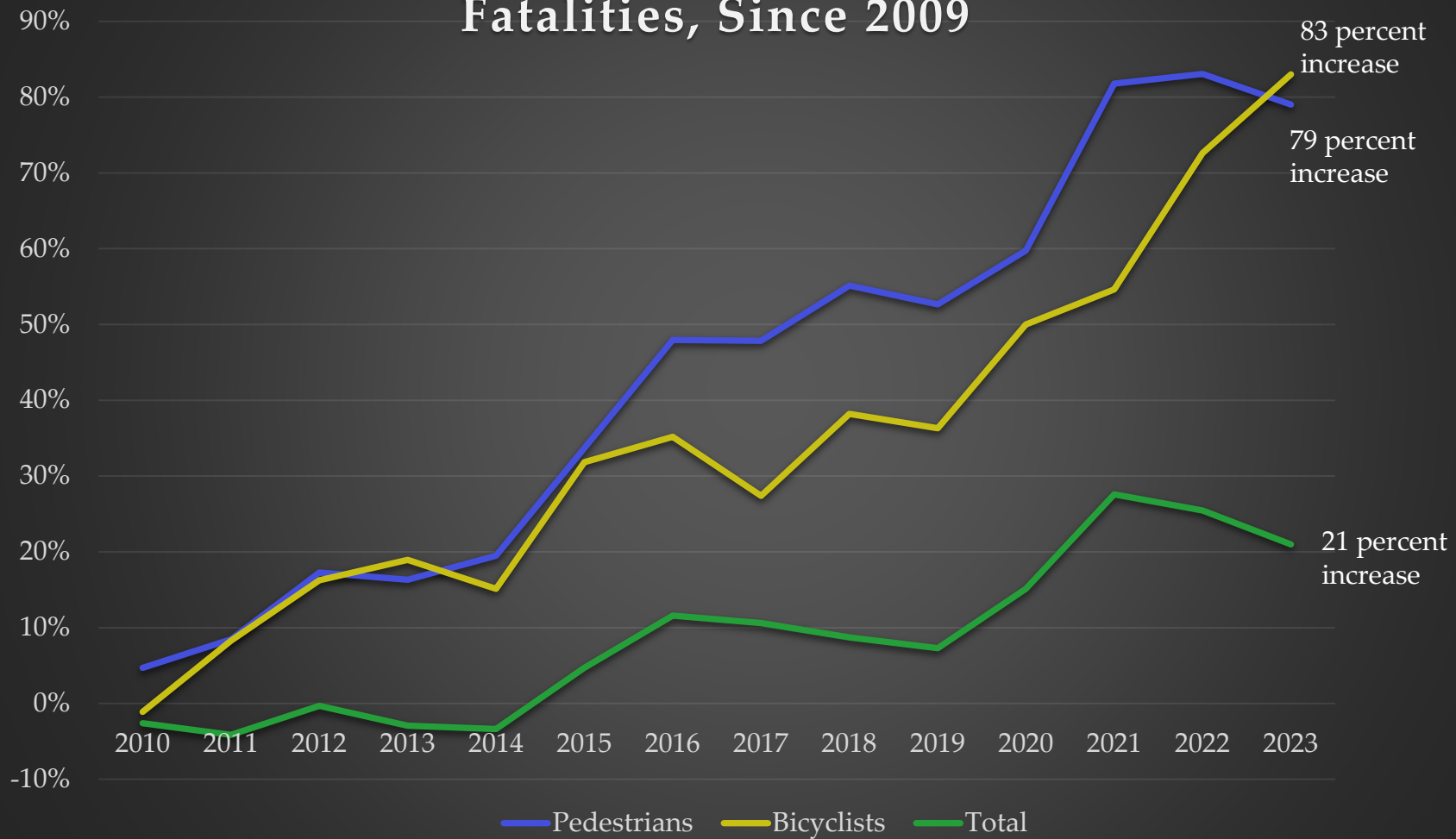
Managing crash angles



Managing crash energy distribution



Percent Change in Pedestrian, Bike and Total Fatalities, Since 2009



Speed management countermeasures for residential streets may include speed cushions like these, which calm vehicle traffic



© Traffic Logix.

The Human Factor

- **Safety and Crashes**
- In New Mexico, the situation regarding safety on our roadways is dire; the state has ranked #1 in pedestrian fatalities per 100,000 people in 5 of the past 6 years. The Albuquerque metro area ranks as the #2 most dangerous metro area in the nation in Smart Growth America's 2022 Dangerous by Design Report. The good news is that this issue is getting attention.
- The philosophy of Vision Zero is that humans make mistakes, and roadways and traffic policy should be designed in such a way that inevitable mistakes do not result in severe injuries or fatalities.



VISION ZERO for ONE ALBUQUERQUE

equity



Prioritize **safety + accessibility** in areas most impacted by traffic violence.

Engage people in planning and decision making.

education + encouragement



Promote a **culture that prioritizes safe travel options** for all residents + visitors.

Collaborate with community groups + government agencies to encourage safe travel.

engineering



Build streets for all users to drive, bike, walk, and roll.

Use **data** to design + redesign roadways to be safe, convenient, and comfortable.

enforcement



Ensure that all road users **understand + follow traffic laws**.

Reduce traffic speeds in areas where crashes are common + most dangerous.

New Mexico Considers Speed Cameras in Construction Zones



“Thank you... Safe Travels”

