Everyone is a pedestrian, whether or not walking is one’s primary mode of travel, and as a commute mode, walking is gaining in numbers. Nationwide, nearly 16 pedestrians died every day, averaging one every 1.5 hours, in traffic collisions in 2016. Pedestrian fatalities increased 27.4 percent from 2007 to 2016, while other traffic deaths decreased 13.9 percent. In 2016, the number of pedestrian fatalities was at its highest one-year level since 1990. California was one of five states (along with Florida, Texas, New York, and Arizona) which reported more than 100 pedestrian deaths and collectively accounted for 43 percent of all pedestrian deaths in the United States in the first half of 2017.

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**CALIFORNIA DATA**

- Pedestrian fatalities rose 32.8% from 653 in 2012 to 867 in 2016. The one-year increase from 2015 was 5.9% from 819 pedestrian fatalities.

- The highest numbers of pedestrian fatal and severe injuries occurred in densely populated areas in Los Angeles, Orange, San Diego, Riverside, San Bernardino, San Francisco, Santa Clara, Alameda, and Sacramento counties. Conversely, seven counties, including Trinity, Plumas, Sierra, Amador, Calaveras, Alpine, and Inyo, reported zero pedestrian fatal and severe injuries in 2016.

- Respondents in the annual statewide Traffic Safety Survey identified the following pedestrian safety problems: “Cars not stopping” (28.9% of respondents), “distracted drivers (cell phones)” (21.1%), and “cars going too fast” (17.0%).

- Elevated rates of pedestrian fatal and severe injuries by population occurred in both urban and rural counties. The three counties with the highest rates were Butte, Tuolumne, and San Francisco, followed by Modoc, Shasta, Humboldt, Lake, and Mariposa.

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**Pedestrian Fatality Trends, Nationwide and California, 2012-2016**

![Graph showing pedestrian fatality trends](image)

**Pedestrian Fatal & Severe Injury and Fatal & Severe Injury per 100K Population by County, 2016**

![Map showing pedestrian injury rates by county](image)
Speed affects mortality. On average, a pedestrian has a 10% chance of being killed when struck by a vehicle traveling at 24.1 miles per hour. This risk increases to 50% when a vehicle is traveling at 40.6 mph, 75% at 48.0 mph, and 90% at 54.6 mph. Risk increases with age—pedestrians over age 70 face higher risk at lower speeds than younger pedestrians.

40% of pedestrian fatal and severe injuries occurred during dusk and darkness: between 6pm and 9pm every day; between 9pm and midnight on Wednesday through Saturday; and on early Saturday and Sunday morning between midnight and 3am.

More male than female pedestrians in every age group sustained fatal and severe injuries in 2016. Injury collisions were fairly evenly distributed among the following age groups: 55 to 64 (16.4%), 25 to 34 (16%) and 15 to 24 (15.6%).

Over three-quarters (84.2%) of pedestrian fatalities occurred in urban areas compared with 15.8% on rural roads.

Over two-thirds (68.4%) of all pedestrian fatalities occurred on non-interstate principal arterials (high-capacity urban roads) and minor arterials (low-to-moderate-capacity roads).

REFERENCES

- Statewide Integrated Traffic Records System (Provisional 2016).