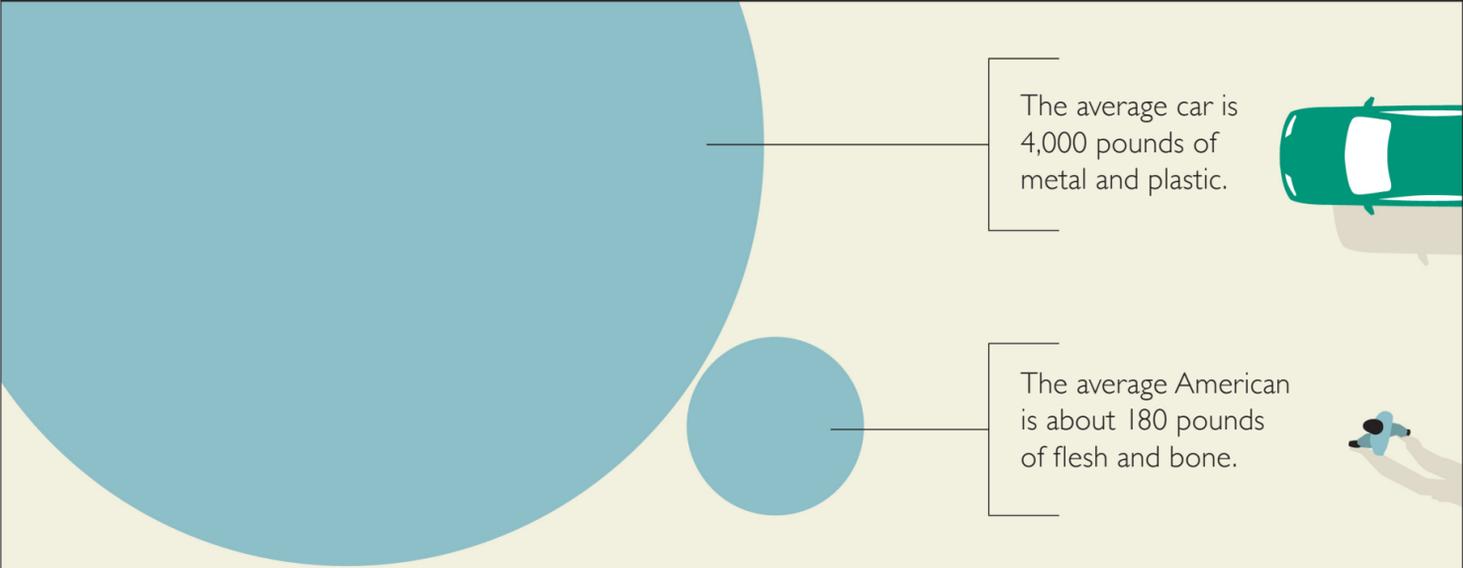


# The Life-Saving Potential of Pedestrian Detection Systems



When a car hits a pedestrian, the pedestrian's injuries can be devastating—and deadly.

A METHODOLOGY TO ESTIMATE THE SAFETY BENEFITS of PCAM

The U.S. Department of Transportation's Volpe Center on behalf of the National Highway Traffic Safety Administration, developed and applied a methodology to estimate the safety benefits of pedestrian crash avoidance and mitigation technologies—or PCAM systems.

Because the best kind of crash is the one that doesn't happen.

### WHAT IS PCAM?

PCAM systems are made up of vehicle sensors that detect pedestrians, warn drivers, and can apply automatic emergency brakes.

RADAR

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CAMERAS

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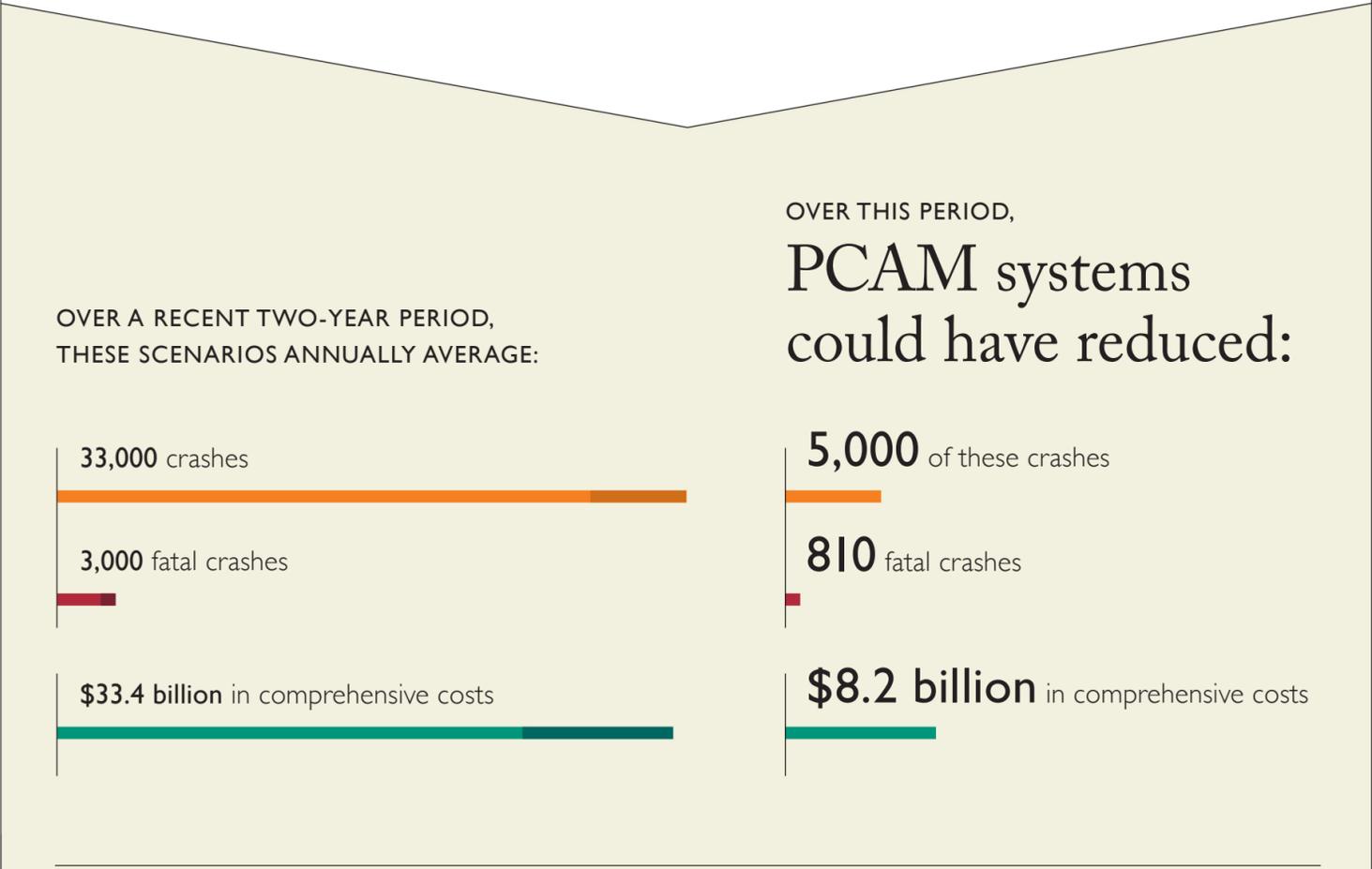
LASERS

## The PCAM Safety Impact

Volpe Center data experts recently analyzed how PCAM systems can save lives and prevent serious injuries. They examined two pre-crash scenarios:

A car is going straight while a pedestrian is crossing the road.

A car is going straight while a pedestrian is walking in or adjacent to the road, stationary, or moving with or against traffic.



[LEARN MORE ABOUT THE LIFE-SAVING POTENTIAL OF PCAM SYSTEMS.](#)

