



THE FUTURE OF PARKING: SAFETY BENEFITS AND CHALLENGES

The goal of this research is to explore parking facility design and operational change recommendations to improve parking safety in light of the advent of self-parking features using different market penetration rates (MPR).


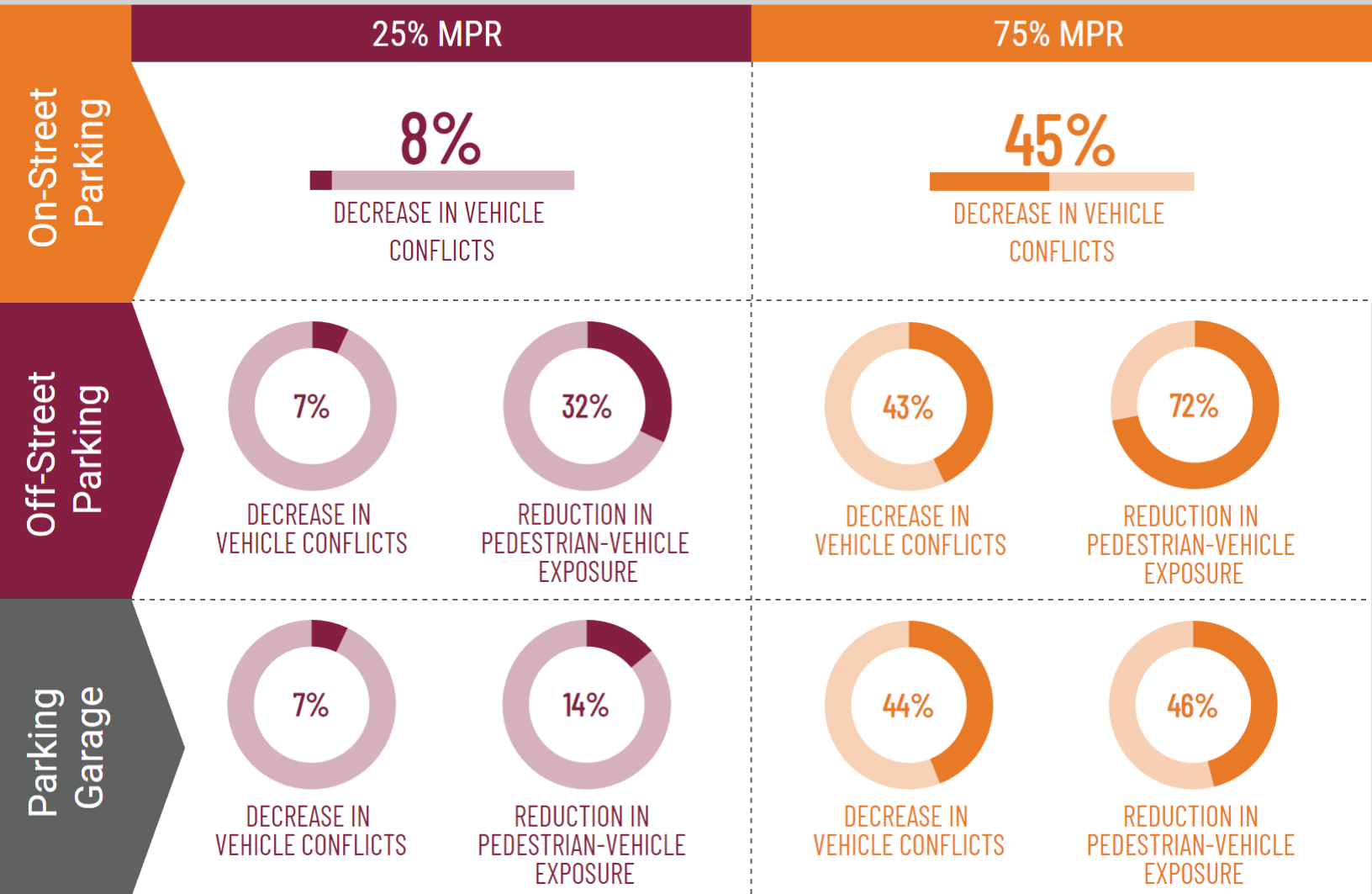
Over **2,000** fatalities and nearly **95,000** injuries in non-traffic crashes



1,427 back over fatalities to children aged **14** and under nationwide



A vehicle spends **96%** of the day occupying a space in a parking lot

20%

Maximum increase in parking facility capacity



45%

Maximum reduction in the number of conflicts



72%

Maximum reduction in pedestrian-vehicle exposure