



# Car-to-Pedestrian crashes

## What are the most common crash scenarios resulting in injury or death?



**83%** of all injury-producing crashes and **88%** of serious or fatal crashes happen while **crossing the road**.



Crossing with no sight obstruction  
car driver is moving forward

Crossing at a sight obstruction  
car driver is moving forward

Crossing street  
as car driver turns in



**38%**  
of all crashes



- Ped crosses from left
- Ped crosses from right
- All other scenarios

**43%**  
of all serious &  
fatal crashes



- Ped crosses from left
- Ped crosses from right
- All other scenarios



**30%**  
of all crashes



- Ped crosses from left
- Ped crosses from right
- All other scenarios

**33%**  
of all serious &  
fatal crashes



- Ped crosses from left
- Ped crosses from right
- All other scenarios



**15%**  
of all crashes



- Car turns left
- Car turns right
- All other scenarios

**12%**  
of all serious &  
fatal crashes



- Car turns left
- Car turns right
- All other scenarios

Methods note: The in-depth analysis of safety-critical scenarios was performed on data from the German In-Depth Accident Study (GIDAS) database to achieve the required level of detail. The overall statistics from this database closely parallel the European averages. Data cases selected for analysis were from the year 2000 and later. Please see the SAFE-UP website for further details: [safe-up.eu](http://safe-up.eu)



This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No. 861570.