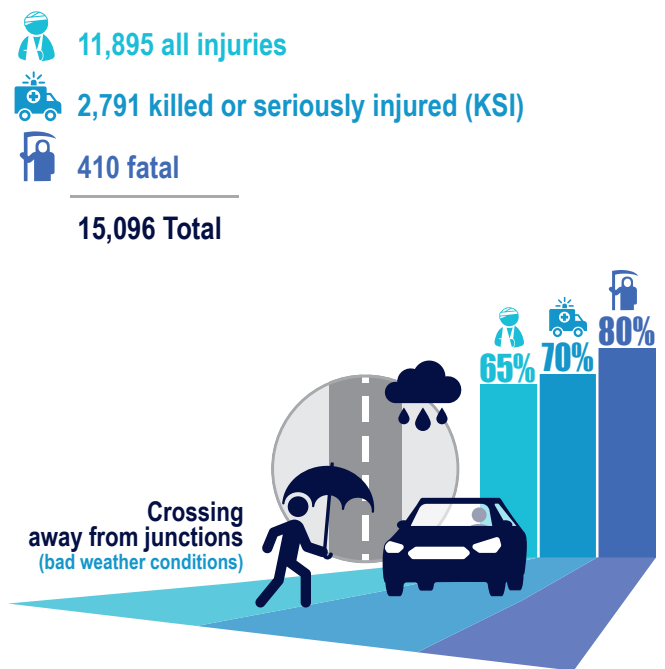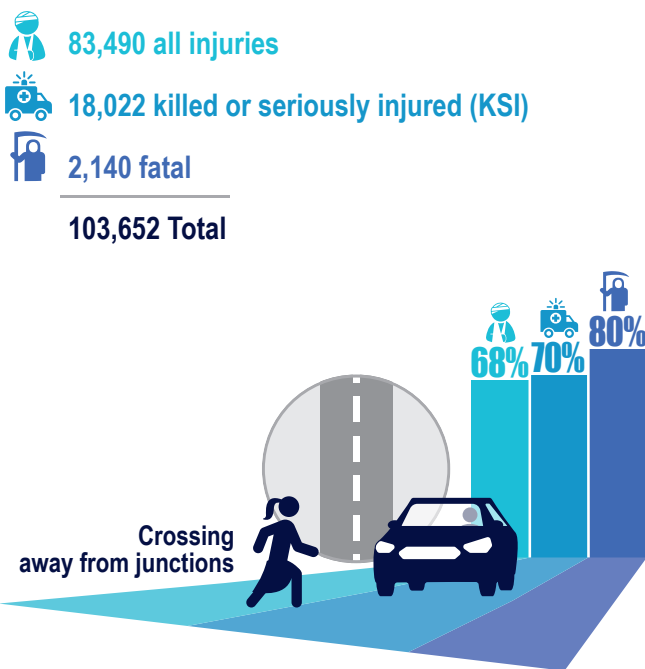# Car driver–pedestrian crashes in the EU

What are the influences of infrastructure & weather?

The purpose of the study was to determine from existing crash data where to best place safety technology in infrastructure to reduce crashes. Police reported injury-producing and fatal cases for the year of 2018 were analysed to determine the relationship between pedestrian crossing location and frequency and severity of crashes. Cases that occurred in bad weather conditions (rain, snow, fog) were assessed separately for possible effect of poor visibility on crash occurrence.

83,490 all injuries

18,022 killed or seriously injured (KSI)

2,140 fatal

103,652 Total

11,895 all injuries

2,791 killed or seriously injured (KSI)

410 fatal

15,096 Total

Crossing away from junctions

68% 70% 80%

Crossing away from junctions (bad weather conditions)

65% 70% 80%

Crossing close to junctions

27% 22% 14%

Crossing close to junctions (bad weather conditions)

28% 18% 11%

These EU-level statistics guide the scope for further in-depth analysis of crashes.

Data note: Statistics represent 2018 data from countries belonging to the EU in 2021 (UK not included). See the SAFE-UP.EU for more information and full technical reports.

SAFE-UP