



RSA

Five-year trend analysis of fatalities and serious injuries

2017-2021

Published by Research Department 31 May 2023



Introduction

- The aim of this report is to illustrate trends in fatalities and serious injuries for the years 2017-2021.
- This report was prepared using data from the Irish Road Traffic Collision Database, which is based on collision records transferred from An Garda Síochána to the RSA.
- The data in this report is current as of **15 May 2023**.
- All information in this report is correct at the time of publication, but the information for 2020 onwards is provisional and is subject to change.
- This means that the fatality and serious injury statistics presented in this report may change at a later date when new information becomes available.





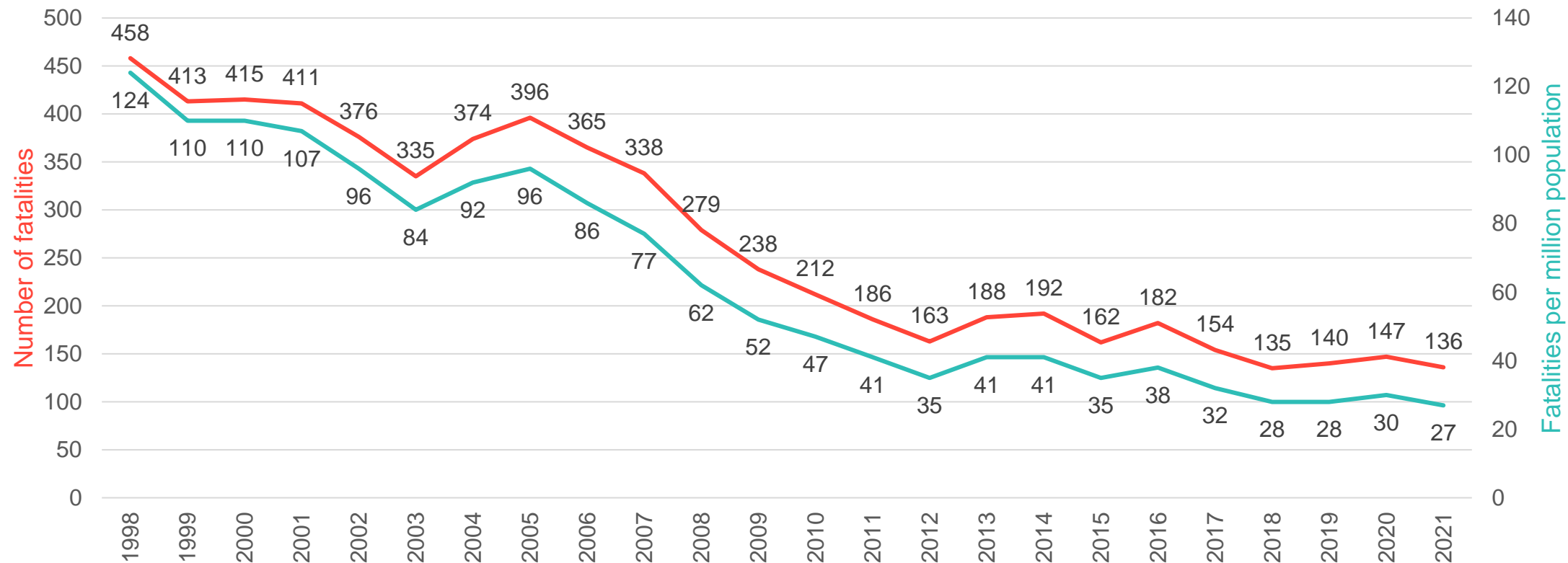
Analysis of fatalities

2017-2021



Fatalities long-term trend

1998-2021

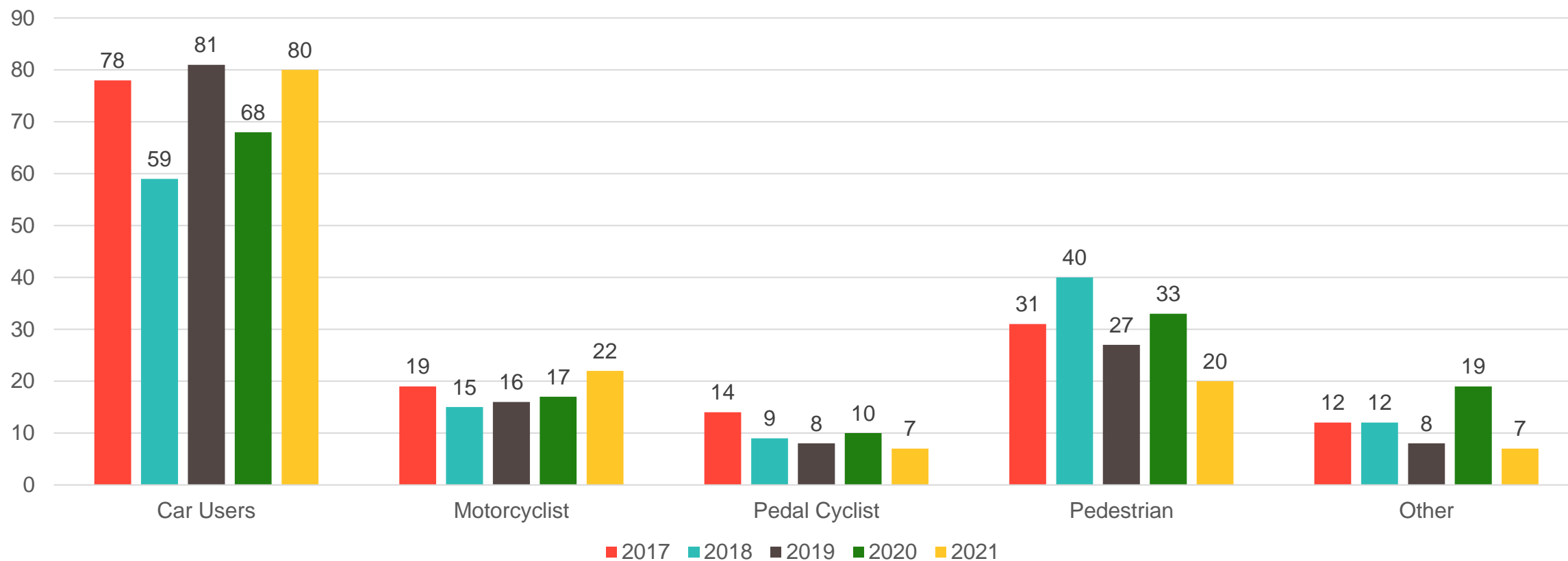


Note: All data for 2020-2021 are provisional and subject to change.



Fatalities by road user type

2017-2021



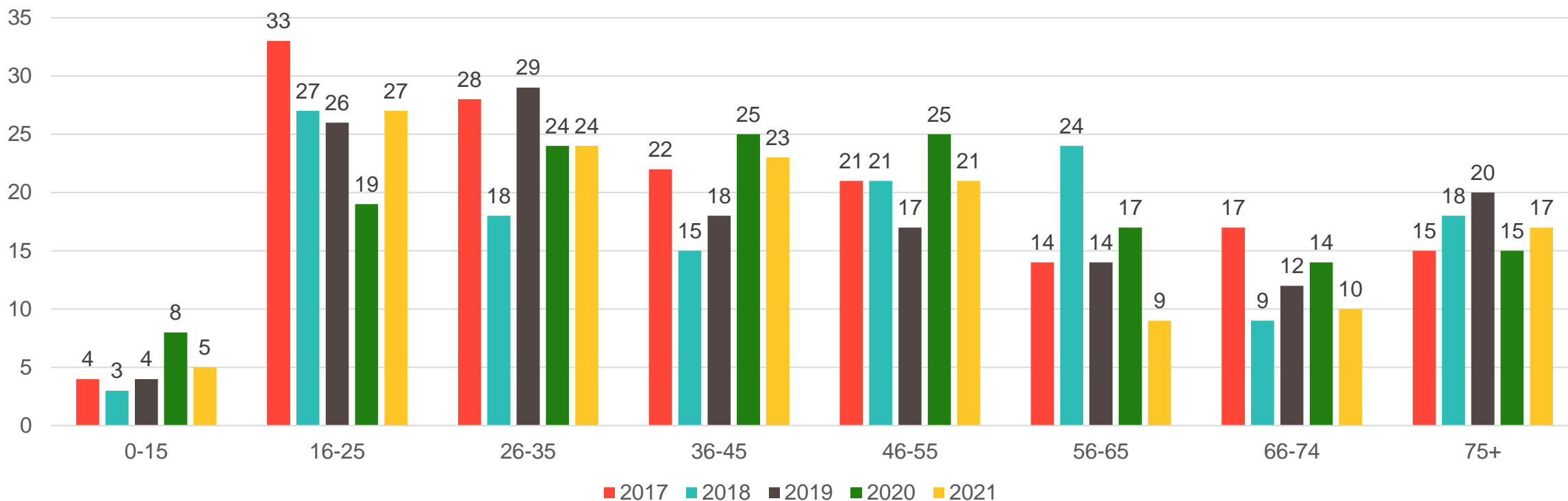
Note: All data for 2020-2021 are provisional and subject to change.





Fatalities by age group

2017-2021



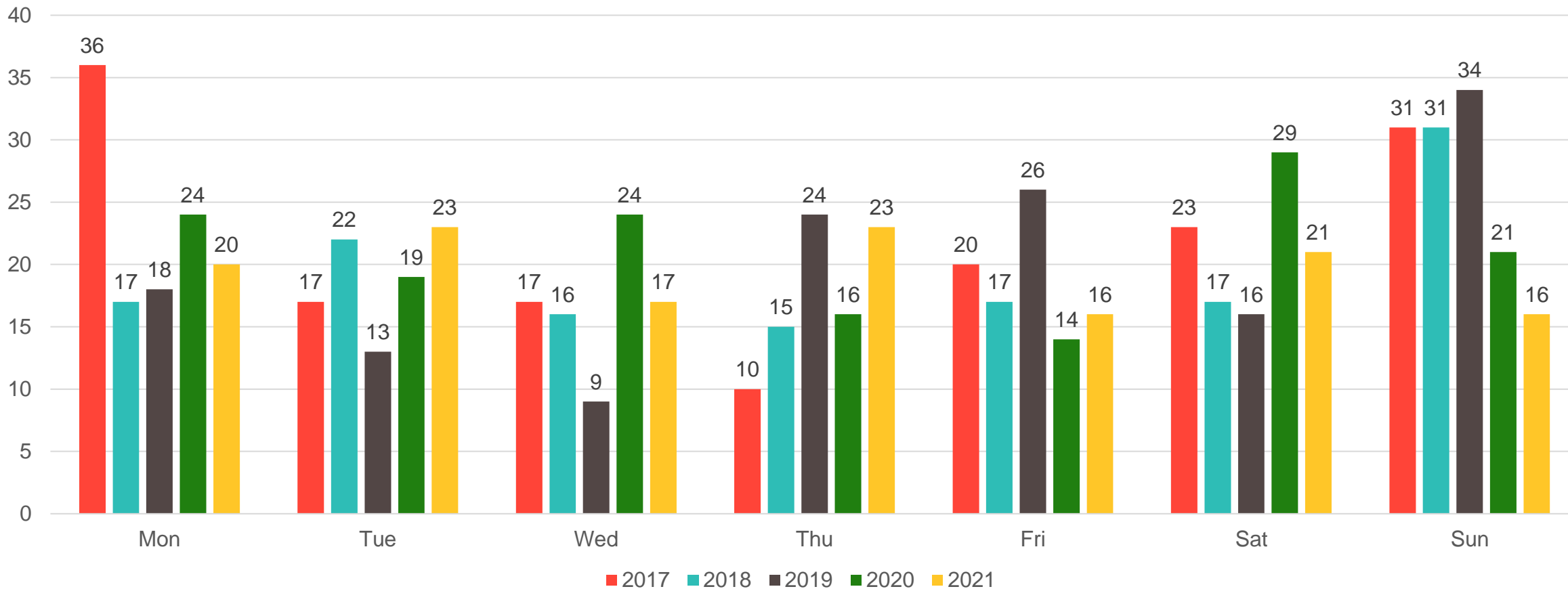
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Fatalities by day of week

2017-2021



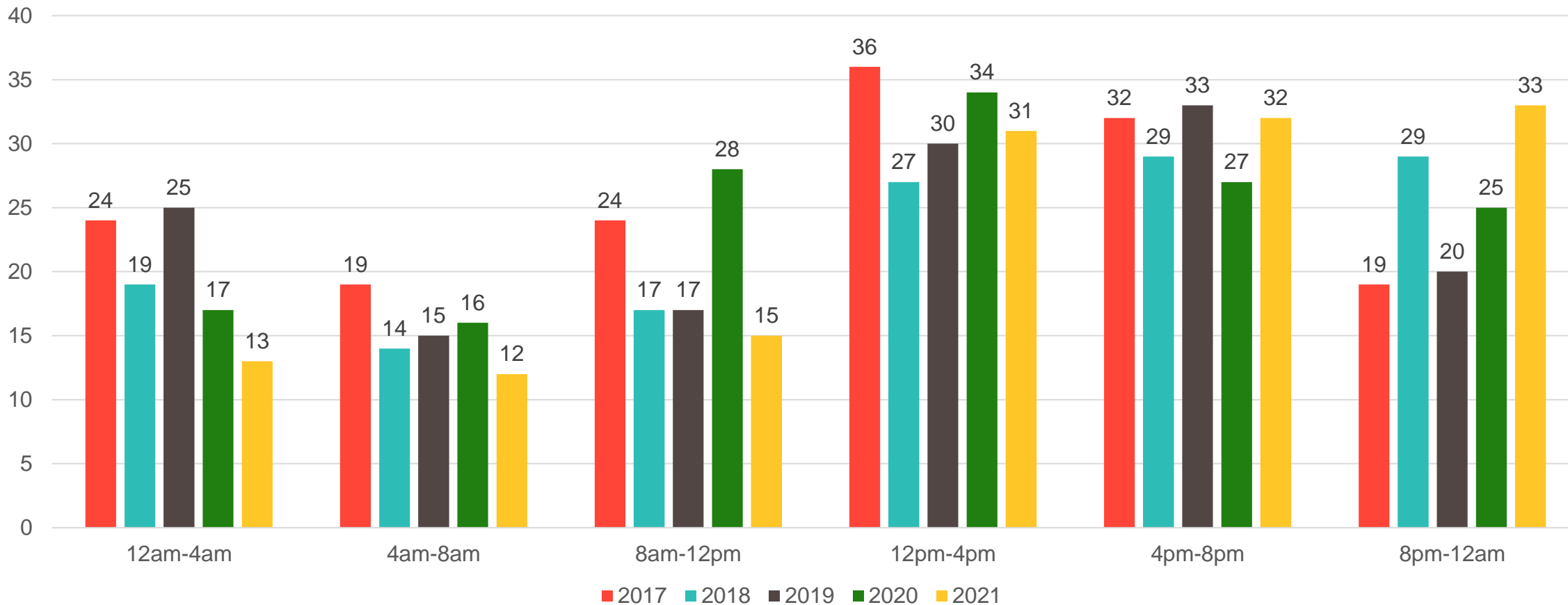
Note: All data for 2020-2021 are provisional and subject to change.





Fatalities by time of day

2017-2021



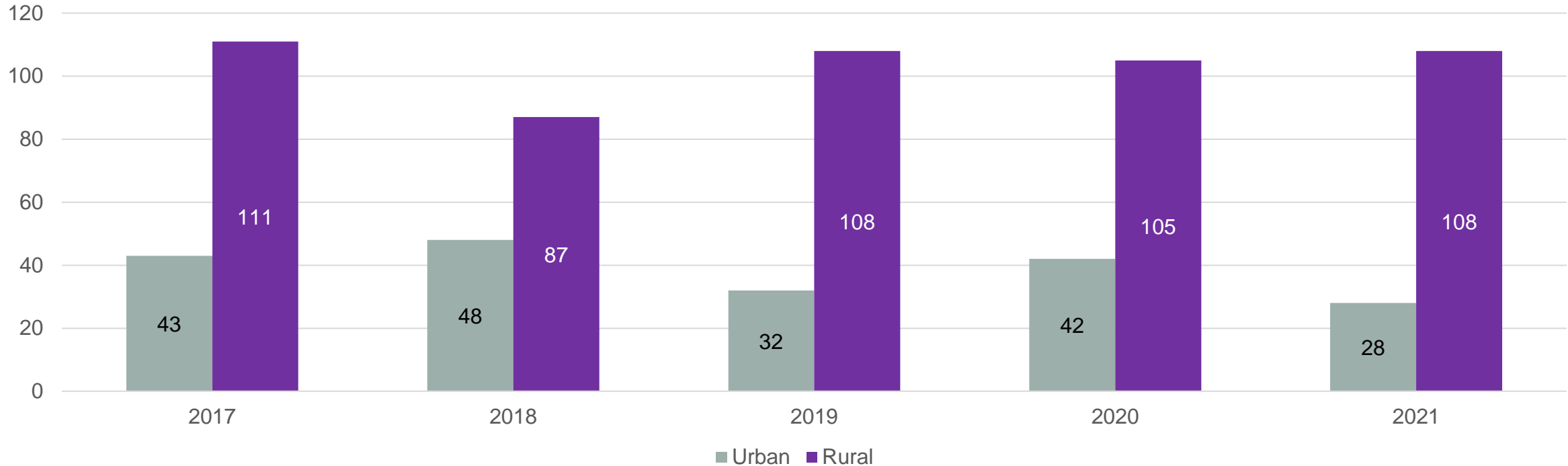
Note: All data for 2020-2021 are provisional and subject to change.



Fatalities by urban and rural breakdown



2017-2021



Urban roads have a speed limit of ≤ 60 km/h and Rural roads have a speed limit of ≥ 80 kmh.

Note: All data for 2020-2021 are provisional and subject to change.





Analysis of serious injuries

2017-2021

Definition of a serious injury in collision data



- A Serious Injury is an injury for which the person is **detained in hospital as an 'in-patient'** or any of the following injuries whether or not detained in hospital:
 - fractures,
 - concussion,
 - internal injuries,
 - crushings,
 - severe cuts and lacerations,
 - and/or severe general shock requiring medical treatment.

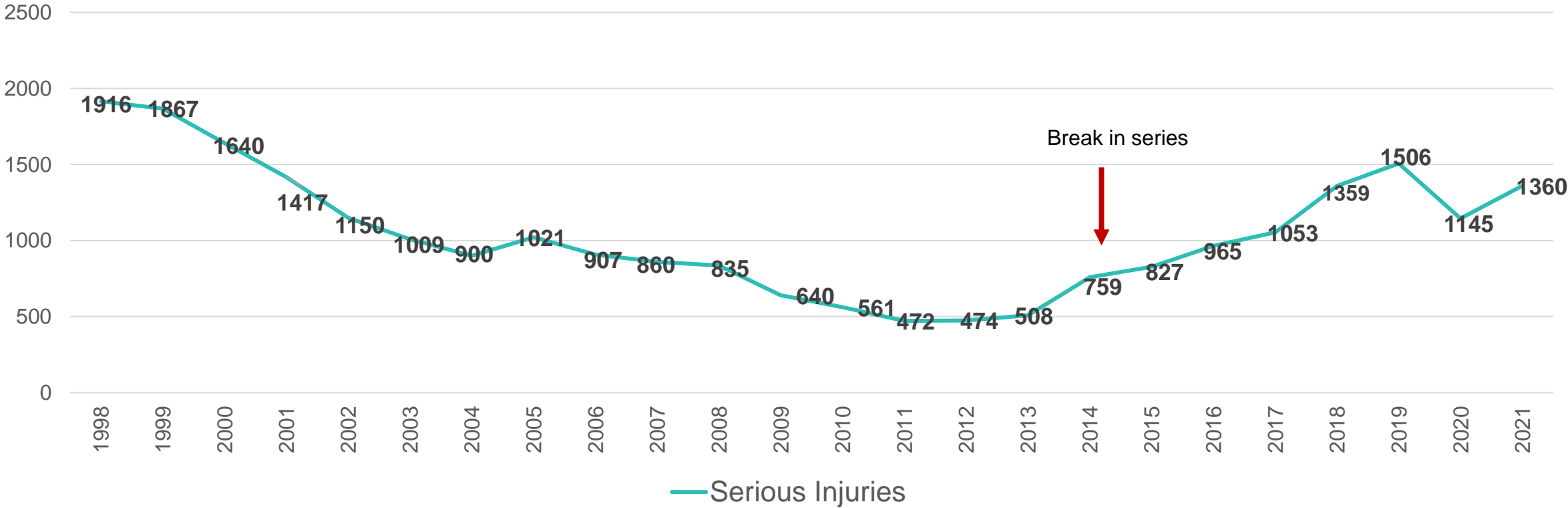


• Definition applied at scene of collision by An Garda Síochána



Serious injuries long-term trend

1998-2021

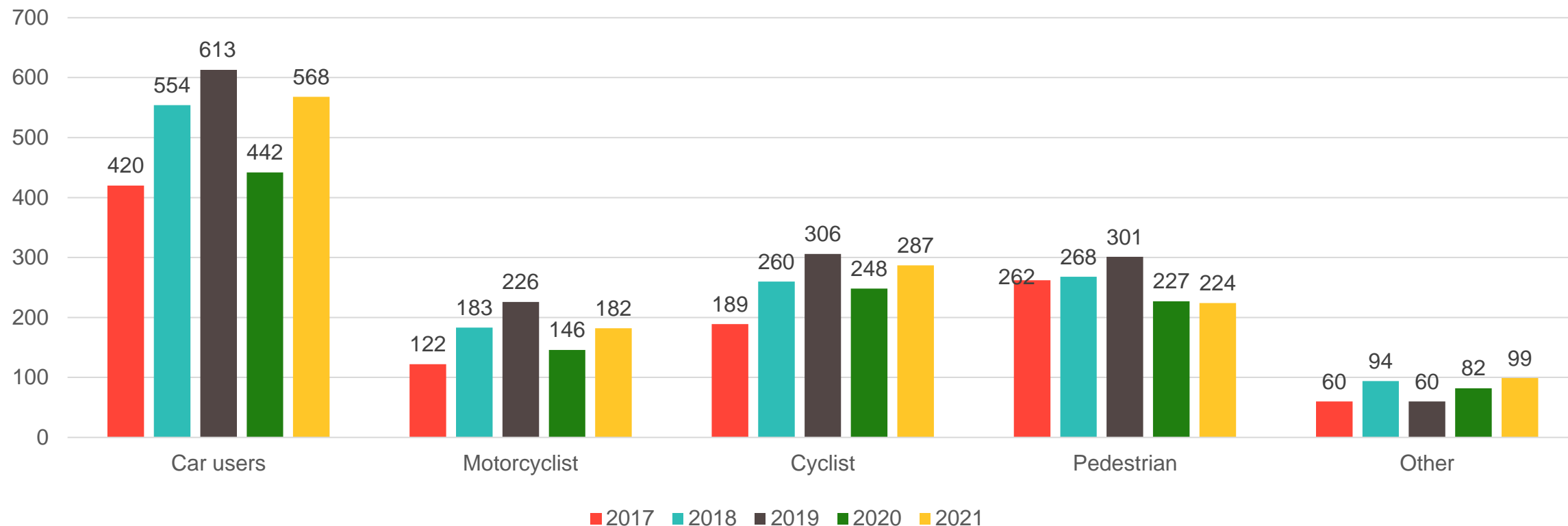


Note: Data for 2020-2021 is provisional and subject to change. There can be significant fluctuations in serious injury numbers until such a time as the validation of these records is completed by the RSA. There is a break in the trends for injury collision and casualty numbers from 2014 onwards, which means that serious injury numbers from 2014 are not directly comparable with previous years. This is because there was a change in the way in which the RSA received collision data from AGS in 2014 i.e. a change from a paper based to electronic system. This break does not affect the trend figures for fatalities.



Serious injuries by road user type

2017-2021



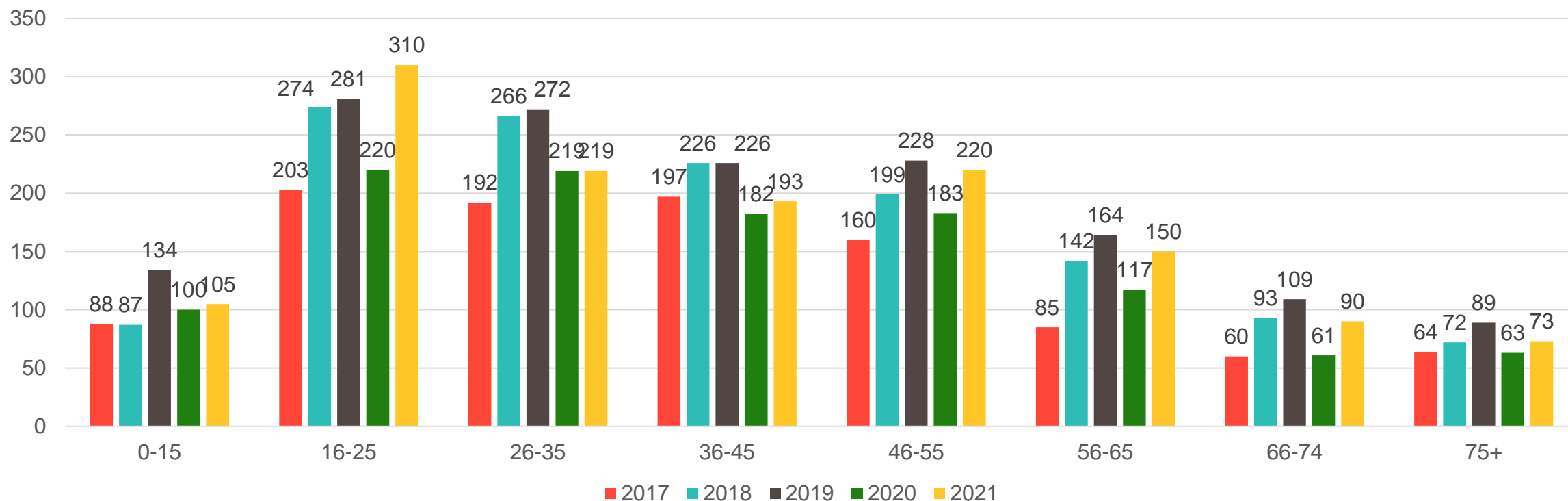
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Serious injuries by age group

2017-2021



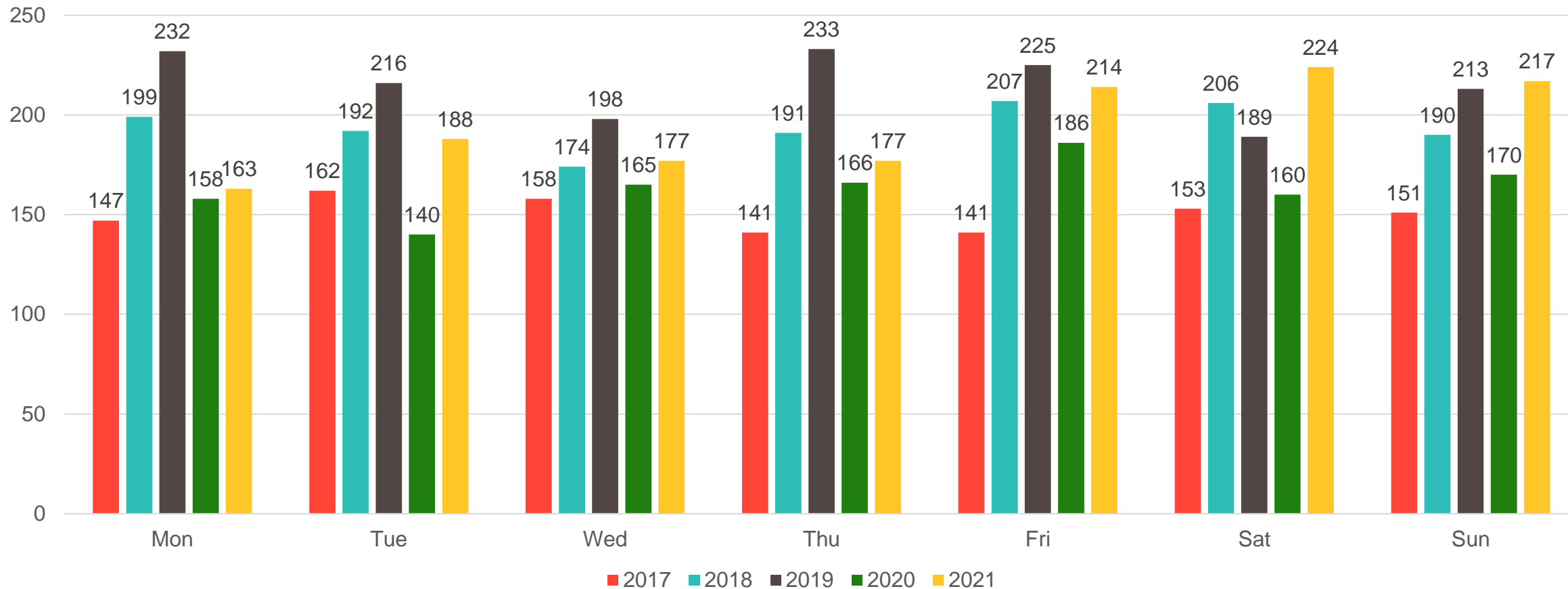
Note: All data for 2020-2021 are provisional and subject to change. Age unknown for 4 seriously injured road users in 2017 and 3 seriously injured road users in 2019.





Serious injuries by day of week

2017-2021



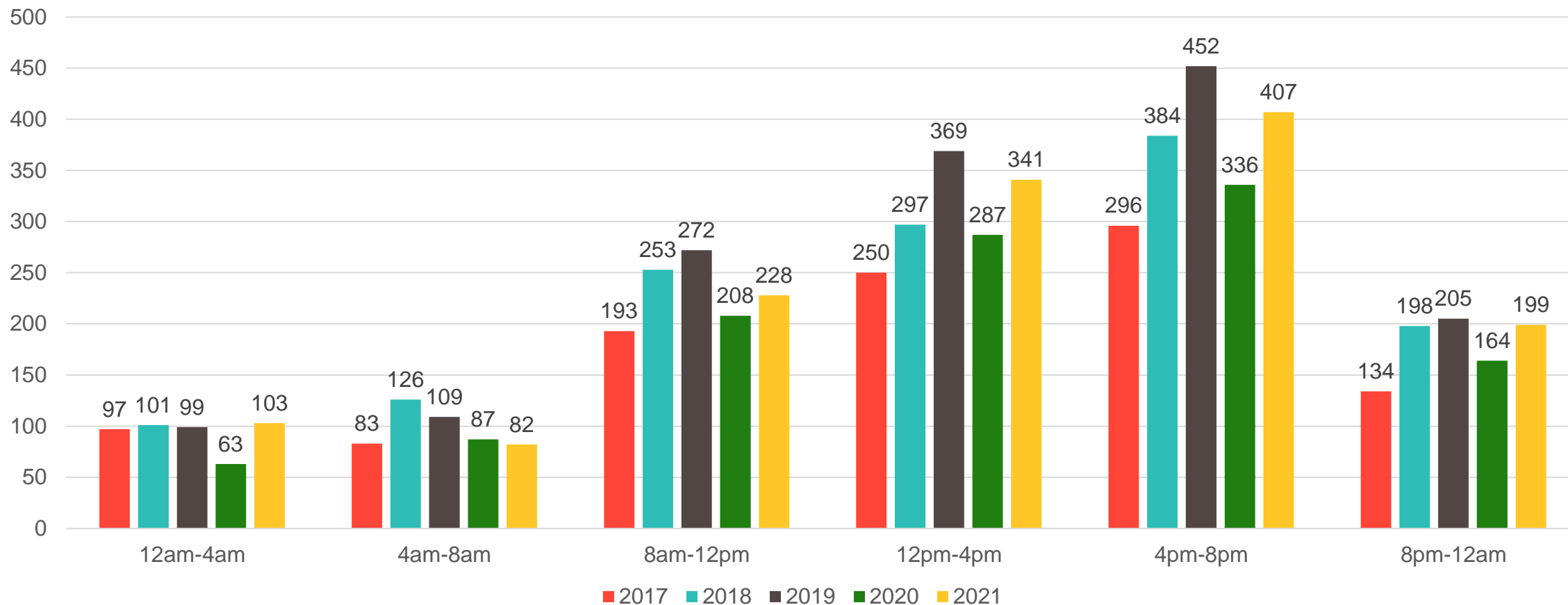
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Serious injuries by time of day

2017-2021



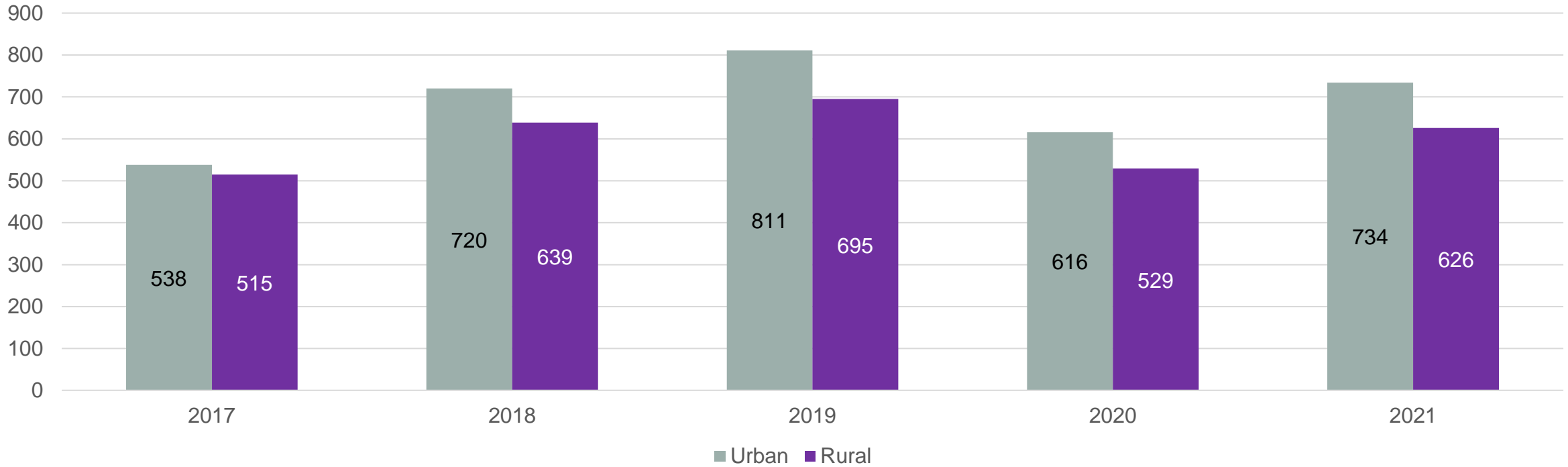
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Serious injuries by urban and rural breakdown



2017-2021



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