

2023 NSW Safety Performance Indicators Study

The data presented shows the results of an observational study of more than 10,000 light vehicle drivers and passengers, more than 3,000 motorcycle riders and more than 3,000 bicycle riders conducted by Taverner Research for Transport for NSW across more than 40 sites across metropolitan Sydney and inland and coastal regional NSW between 15 February and 1 April 2023.



Light vehicles

Maximum sample size n=10,984 (2023) and n= 9,455 (2020)



Bicycles

Maximum sample size n=3,016 (2023) and n= 2,901 (2020)

Seatbelt use

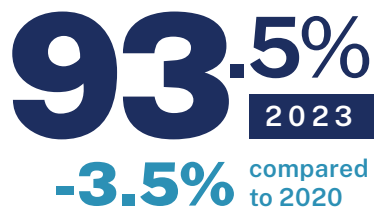
Compliance



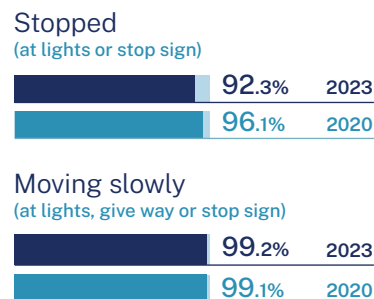
As in 2020, those observed as non-compliant with seatbelt laws were nearly three times as likely to be observed non-compliant with mobile phone laws.

Mobile phone use

Compliance

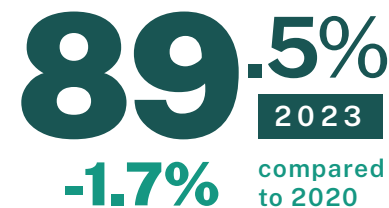


Mobile phone use while vehicle is:

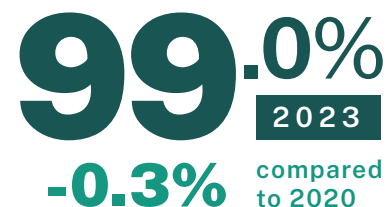


Helmet wear

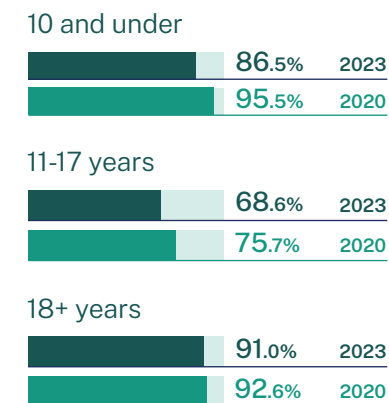
Compliance



Helmet fastening



Helmet wear by estimated age



Notes: The fieldwork period in 2023 (Feb to April) differed compared to the 2020 study (October & November); seasonality may have had an impact on results. There were a small number of differences in observation sites used in 2023 compared to 2020. Where a situation was 'undetermined' this has been excluded from the base when calculating results.

The comparison between 2020 and 2023 results may differ by one decimal place to the difference between the two displayed results due to rounding.

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Motorcycles

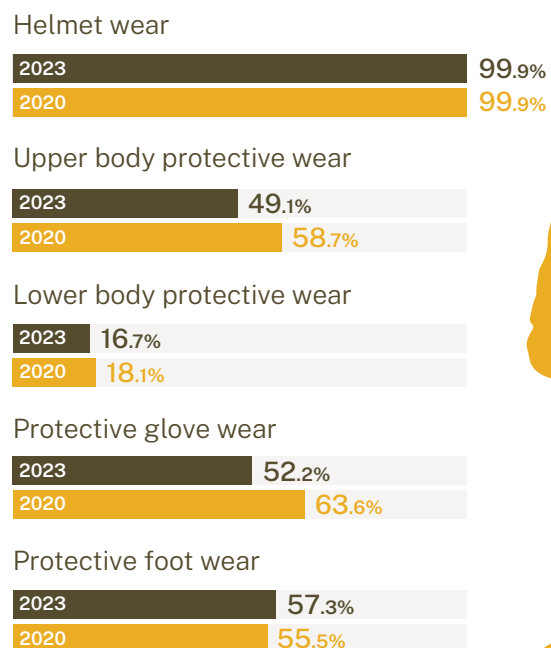
Maximum sample size n=3,013 (2023) and n= 2,714 (2020)

Protective gear

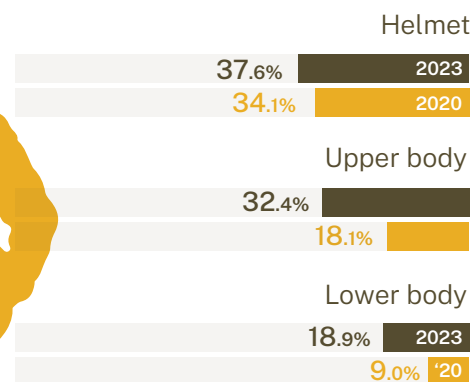
Complete wear

11.6%
2023
-1.9% compared to 2020

Presence of motorcycle gear



Motorcycle gear visibility*



*
% wearing gear that is bright/mostly bright, fluorescent/reflective and/or including reflective elements

Delivery riders

Fluorescent upper body wear

54.1%

Complete protective gear

3.5%

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