

Are British Roads More Dangerous on Bank Holidays?

Analysing Road Traffic Collisions (RTCs) on Bank Holiday weekends and non Bank Holiday weekdays and weekends in 2022

24% FEWER ROAD TRAFFIC COLLISIONS ON BANK HOLIDAYS (231 DAILY AVERAGE) AND 11% FEWER ON WEEKENDS (261) WHEN COMPARED TO WEEKDAYS (307)



20% FEWER CASUALTIES ON BANK HOLIDAYS AND 10% FEWER ON WEEKENDS WHEN COMPARED TO WEEKDAYS



21% INCREASE IN FATAL CASUALTIES ON BANK HOLIDAYS AND A 31% INCREASE ON WEEKENDS WHEN COMPARED TO WEEKDAYS



PEDESTRIANS' % RATE OF FATALITY MORE THAN DOUBLED BETWEEN WEEKDAYS AND BANK HOLIDAYS, THE LARGEST INCREASE ACROSS GROUPS.

WEEKDAYS

AVERAGE DAILY CASUALTIES:

- 386 TOTAL
- 4.29 FATAL (1.11%)
- 71 SERIOUS (18.39%)
- 310 SLIGHT (80.31%)



DAILY DRIVER CASUALTIES:

- 260 TOTAL
- 2.75 FATAL (1.06%)
- 45 SERIOUS (17.31%)
- 212 SLIGHT (81.54%)



DAILY PASSENGER CASUALTIES:

- 67 TOTAL
- 0.57 FATAL (0.85%)
- 10 SERIOUS (14.93%)
- 57 SLIGHT (85.07%)



DAILY PEDESTRIAN CASUALTIES:

- 59 TOTAL
- 0.98 FATAL (1.66%)
- 16 SERIOUS (27.12%)
- 41 SLIGHT (69.49%)

WEEKENDS

- 348 TOTAL
- 5.62 FATAL (1.61%)
- 71 SERIOUS (20.40%)
- 271 SLIGHT (77.87%)



- 220 TOTAL
- 3.30 FATAL (1.50%)
- 44 SERIOUS (20.00%)
- 173 SLIGHT (78.64%)



- 86 TOTAL
- 1.14 FATAL (1.33%)
- 14 SERIOUS (16.28%)
- 70 SLIGHT (81.40%)



- 42 TOTAL
- 1.17 FATAL (2.79%)
- 13 SERIOUS (30.95%)
- 28 SLIGHT (66.67%)

BANK HOLIDAYS

- 309 TOTAL
- 5.21 FATAL (1.69%)
- 66 SERIOUS (21.36%)
- 237 SLIGHT (76.70%)



- 196 TOTAL
- 3.00 FATAL (1.53%)
- 42 SERIOUS (21.43%)
- 151 SLIGHT (77.04%)



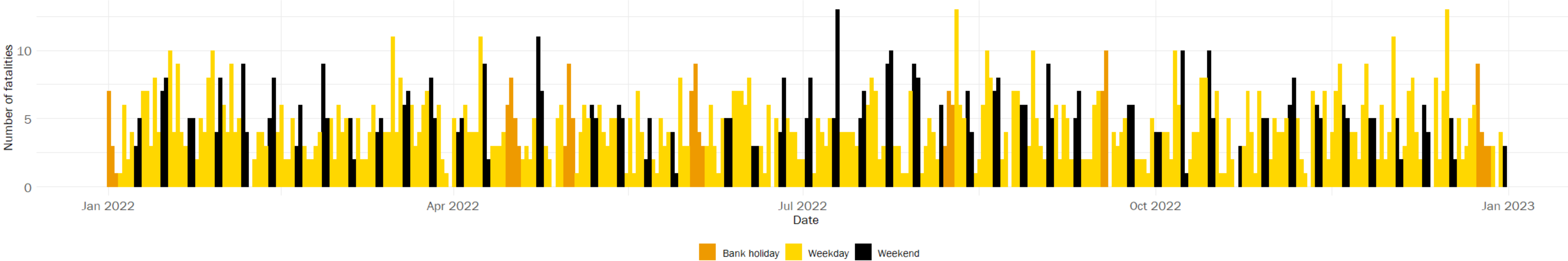
- 76 TOTAL
- 0.79 FATAL (1.04%)
- 13 SERIOUS (17.11%)
- 63 SLIGHT (82.89%)



- 37 TOTAL
- 1.42 FATAL (3.84%)
- 13 SERIOUS (35.14%)
- 24 SLIGHT (64.86%)

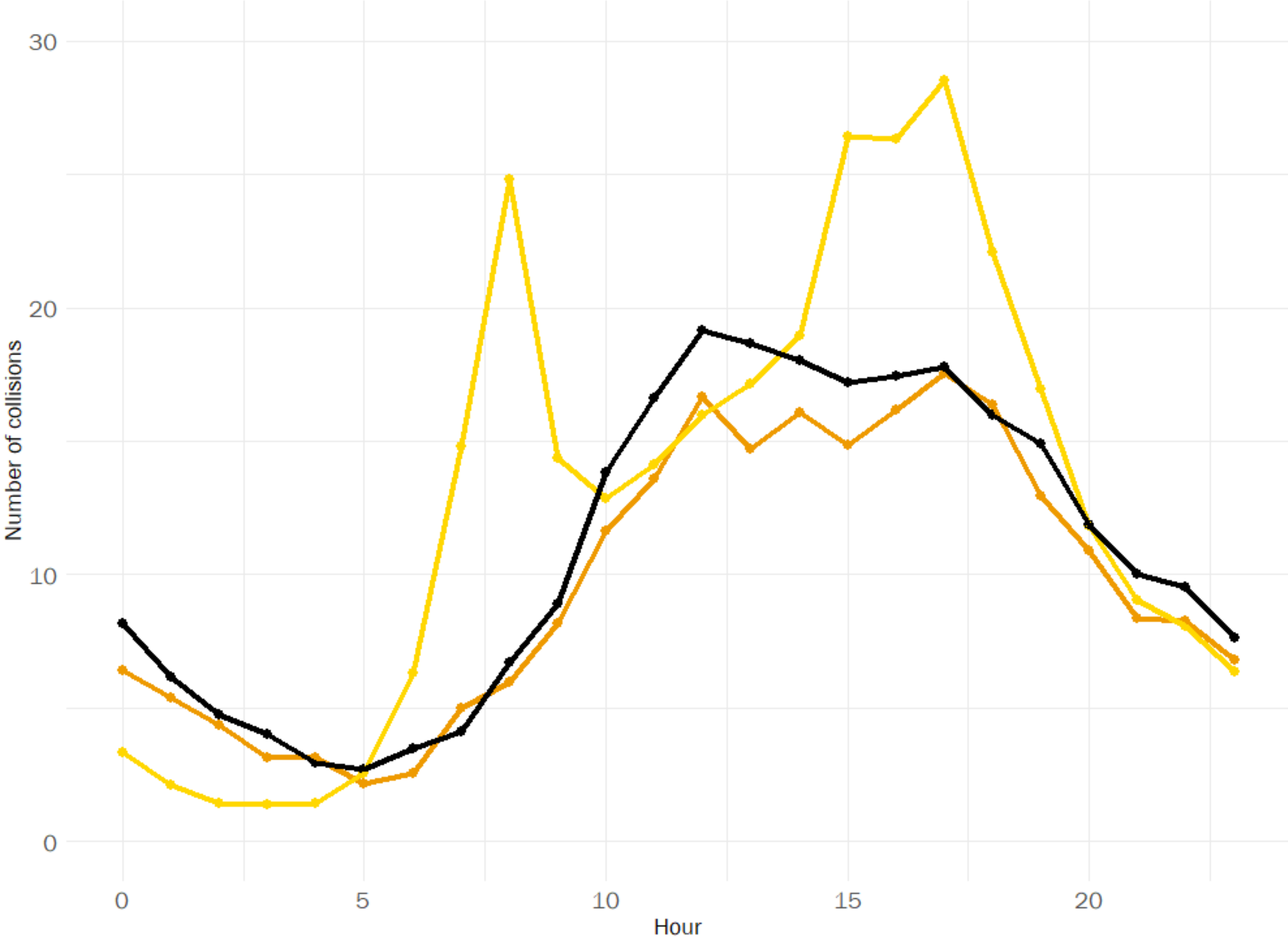
DAILY FATALITIES FROM ROAD TRAFFIC COLLISIONS IN 2022

On bank holidays, non bank holiday weekdays and non bank holiday weekends



HOURLY AVERAGE ROAD TRAFFIC COLLISIONS IN 2022

On bank holidays, non bank holiday weekdays and non bank holiday weekends



KEY FINDINGS

WHICH ROAD USERS?

- WEEKDAYS WERE THE LEAST FATAL ACROSS ALL ROAD USER GROUPS.
- BANK HOLIDAYS WERE MOST FATAL FOR PEDESTRIANS.
- WEEKENDS WERE MOST FATAL FOR PASSENGERS.
- THE NUMBER OF DRIVER FATALITIES WAS HIGHEST ON WEEKENDS BUT THE PERCENTAGE RATE WAS HIGHER ON BANK HOLIDAYS.

WHAT TIME OF DAY?

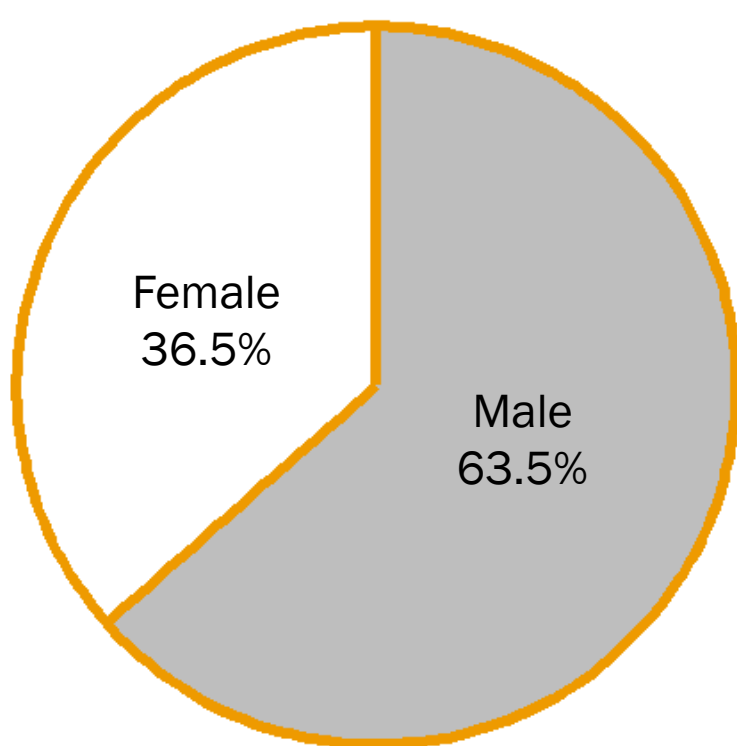
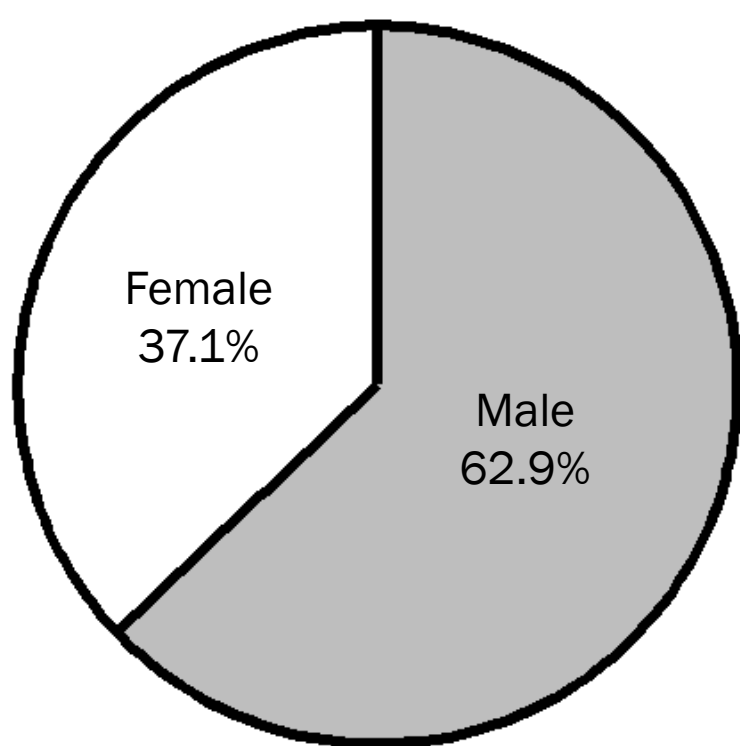
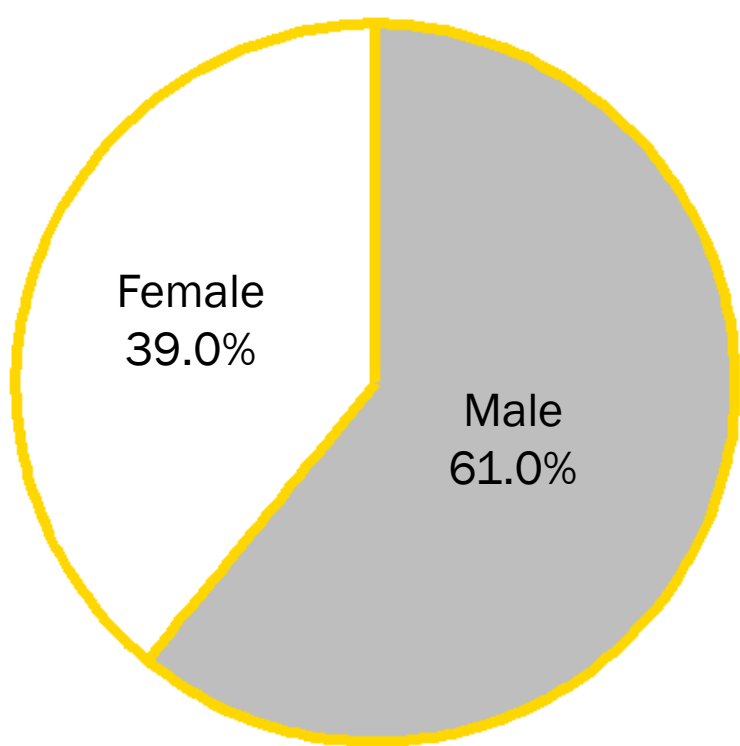
- HIGHEST NUMBER OF RTCs ON WEEKDAYS, PEAKING AT 8AM AND 3-5PM DUE TO AN INCREASED VOLUME OF ROAD USERS DURING COMMUTES AND SCHOOL RUNS.
- MORE RTCs IN THE EARLY HOURS ON WEEKENDS AND BANK HOLIDAYS, LIKELY DUE TO ATTENDANCE OF SOCIAL EVENTS AND THE ASSOCIATED ALCOHOL CONSUMPTION.

WHAT TIME OF YEAR?

- WEEKEND FATALITIES APPEAR PARTICULARLY HIGH DURING JULY AND AUGUST, PERHAPS DUE TO INCREASED TRAVELLING DURING THE SUMMER HOLIDAYS.
- SPIKES IN WEEKDAY FATALITIES IN NOVEMBER AND DECEMBER MAY BE DUE TO FEWER HOURS OF DAYLIGHT (PARTICULARLY BEING DARK DURING COMMUTING TIMES) AND WORSENING ROAD CONDITIONS.

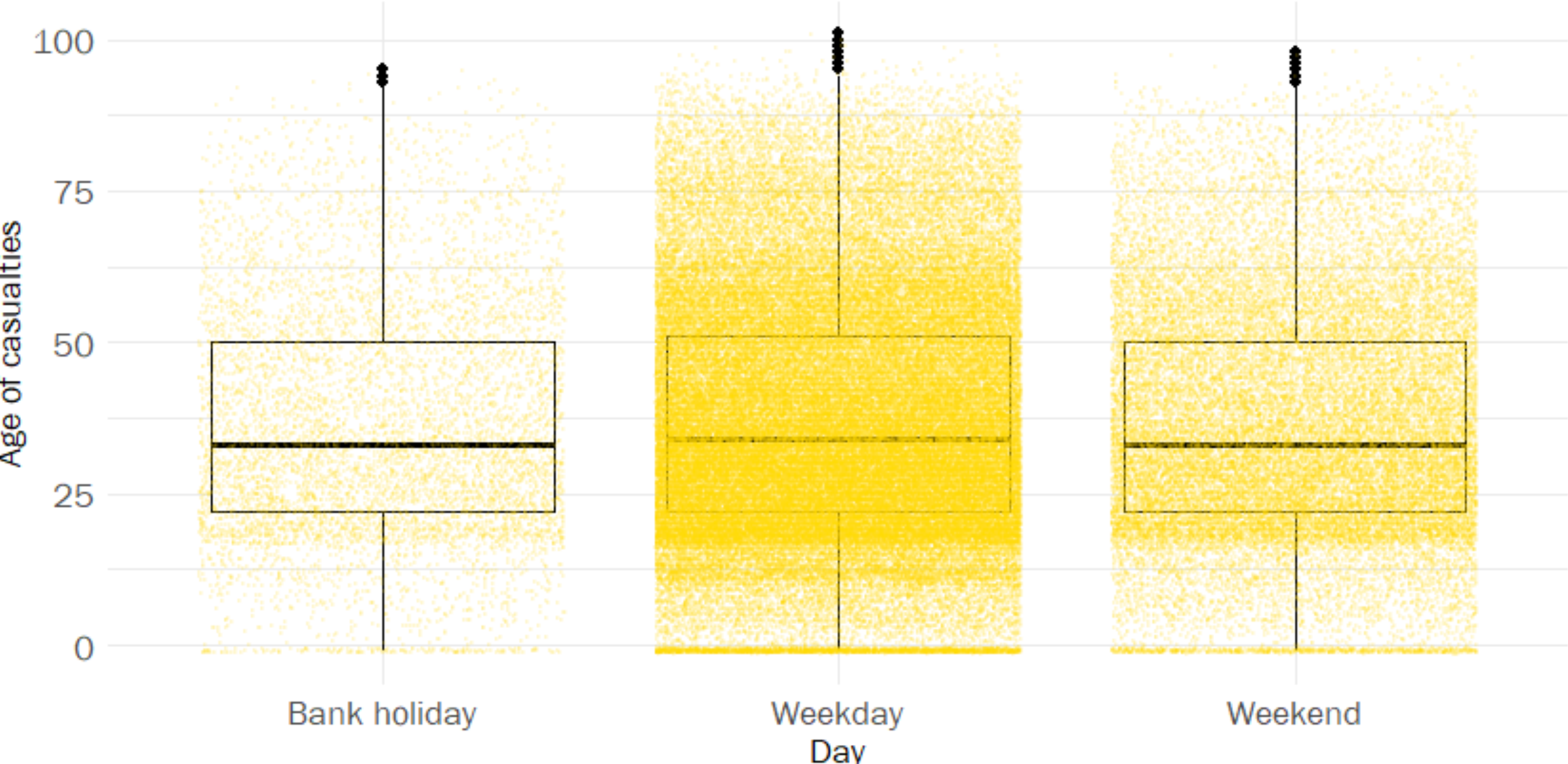
RTC CASUALTIES BY SEX

On weekdays, weekends, and bank holidays respectively



AGE OF RTC CASUALTIES

On bank holidays, non bank holiday weekdays and non bank holiday weekends



KEY NON-FINDINGS

- THE SEX AND MEAN AGE OF CASUALTIES DID NOT GREATLY DIFFER ACROSS OCCASIONS. HOWEVER, DETAILED ANALYSIS OF THESE VARIABLES WAS NOT UNDERTAKEN, SO SPECIFIC DIFFERENCES WITHIN CASUALTY CLASSES OR CASUALTY SEVERITIES MAY EXIST.
- THE LOCATION DISTRIBUTION OF ROAD TRAFFIC COLLISIONS DID NOT APPEAR DIFFERENT ACROSS OCCASIONS, ALWAYS SHOWING COLLISION HOTSPOTS IN BUILT-UP AREAS, WITH THE LARGEST EXAMPLE BEING LONDON.
- THE SAME AVERAGE NUMBER OF VEHICLES WERE INVOLVED (1.8) AND THE MEAN COLLISION SEVERITY REMAINED CONSISTENT (2.70-2.76) ACROSS THE DIFFERENT TYPES OF DAY.

HEATMAP OF BRITISH ROAD TRAFFIC COLLISIONS IN 2022

