

Fatality rates for 12-month period ending July 2023

Year	No of fatalities	Fatality rate per 100,000 population	Fatality rate per 10,000 vehicles	Fatality rate per 100M vehicle kilometres travelled
2023	334	4.05	0.56	0.37

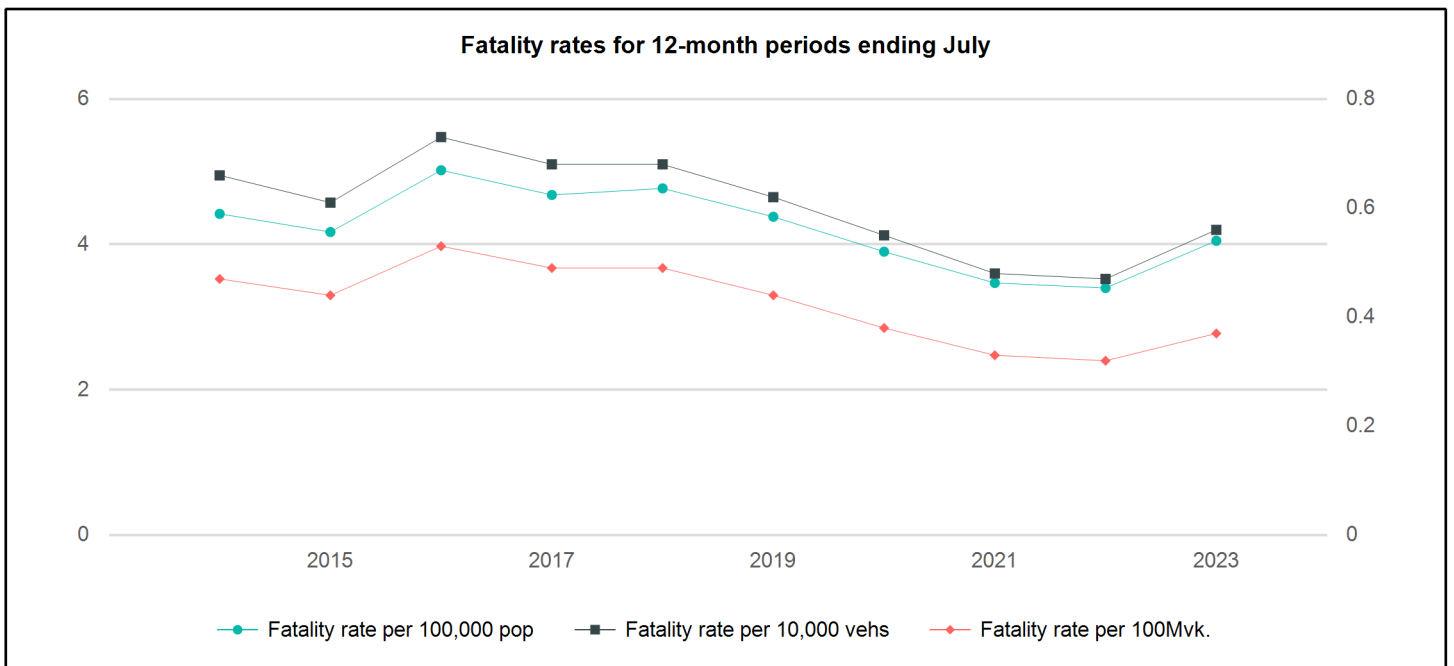
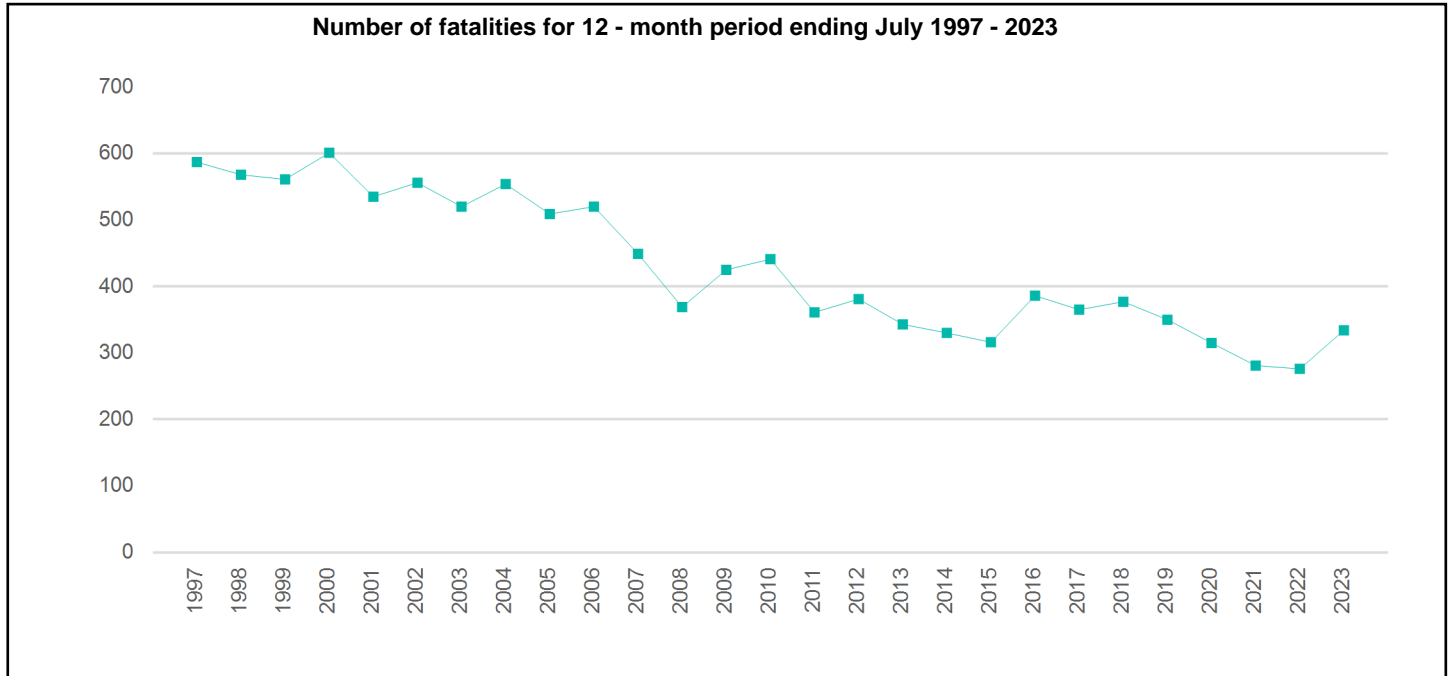


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Explanatory Notes

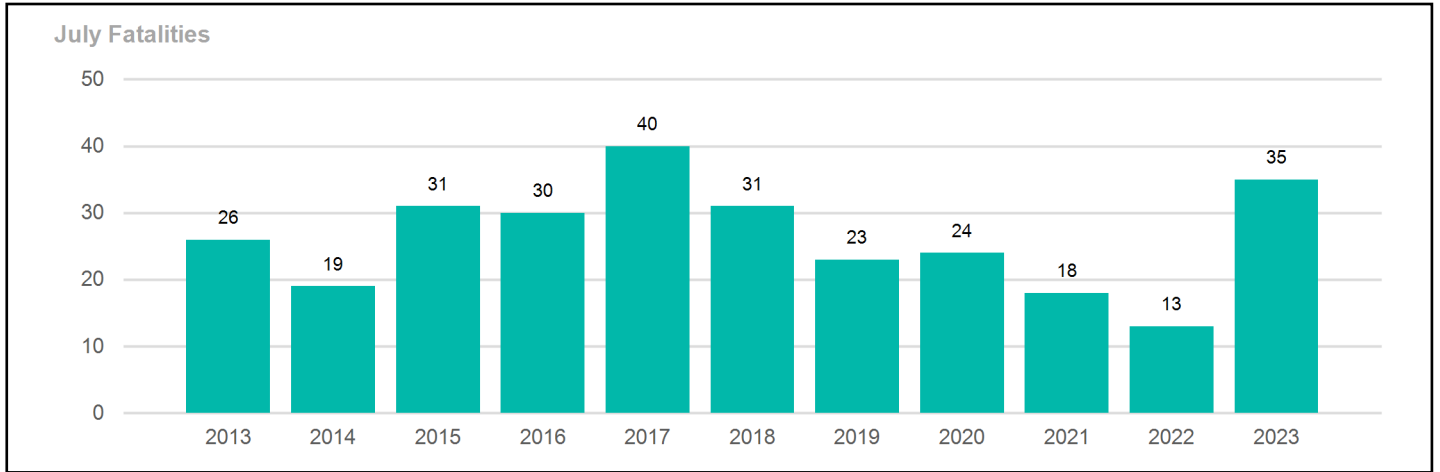
* Data are preliminary and are compiled on the first working day of the month

* Vehicle kilometres travelled are estimates based on changes in fuel consumption since the Australian Bureau of Statistics Survey of Motor Vehicle Use

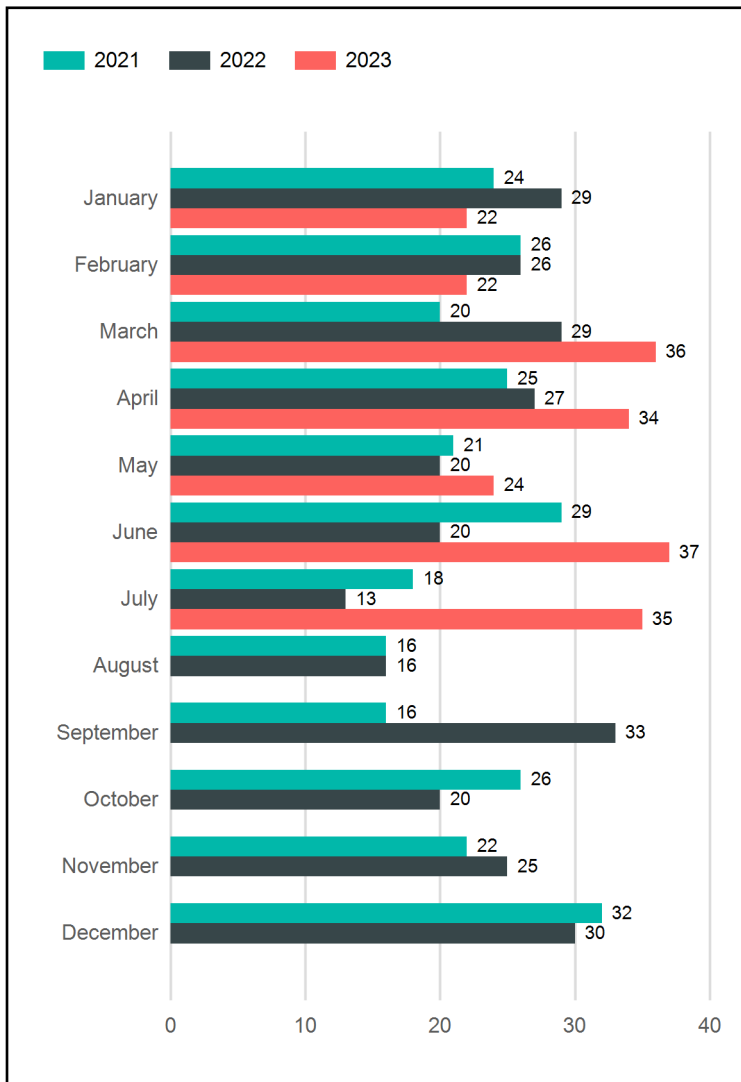
Prepared by Transport for NSW

SECTION 1: MONTHLY COMPARISON AND KEY POINTS

NSW road fatalities for July : 2013 - 2023



NSW road fatalities : monthly comparison



Average

Year to date

2020 - 2022

2021

2022

2023

Average	Year to date	2021	2022	2023
25.3	24	29	22	
27.3	50	55	44	
24.3	70	84	80	
25.0	95	111	114	
20.3	116	131	138	
23.7	145	151	175	
18.3	163	164	210	
19.3	179	180		
26.0	195	213		
21.0	221	233		
23.7	243	258		
28.0	275	288		

There were 35 fatalities during July 2023, 22 more fatalities (169 per cent) than in July 2022.

During the seven months ending July 2023, there were 210 fatalities, 46 more fatalities (28 per cent) than the seven months ending July 2022

During the 12 months ending July 2023, there were 334 fatalities, 58 more (21 per cent) than the 12 months ending July 2022. The lowest 12 months ending July total since monthly fatality records began in 1936 was in 2022p, with 276 fatalities.

SECTION 2: MONTHLY STATISTICS

2.1 FATALITIES

Road User Class	Jul 2023	Jul 2022	Difference	YTD 2023	YTD 2022	Difference
Driver	16	4	12	102	80	22
Passenger	4	1	3	37	21	16
Motorcyclist	7	3	4	27	32	-5
Pedestrian	5	5	0	35	27	8
Pedal cyclist	3	0	3	9	4	5
Other	0	0	0	0	0	0
Total	35	13	22	210	164	46

Age (years)

0-4	0	0	0	4	0	4
5-16	2	0	2	12	10	2
17-20	4	3	1	18	14	4
21-25	4	2	2	20	18	2
26-29	3	0	3	17	8	9
30-39	6	1	5	27	15	12
40-49	1	4	-3	21	18	3
50-59	2	0	2	31	16	15
60-69	7	0	7	17	22	-5
70+	6	3	3	42	43	-1
Unknown	0	0	0	1	0	1
Total	35	13	22	210	164	46

Gender

Male	27	11	16	160	123	37
Female	8	2	6	50	41	9
Unknown	0	0	0	0	0	0
Total	35	13	22	210	164	46

TfNSW Region

Greater Sydney	10	6	4	54	50	4
North	10	5	5	73	47	26
South	9	1	8	53	40	13
West	6	1	5	30	27	3
Total	35	13	22	210	164	46

Road Classification

Freeway/motorway	1	0	1	7	3	4
State highway	15	6	9	72	59	13
Other classified road	7	3	4	56	53	3
Unclassified road	12	4	8	75	49	26
Total	35	13	22	210	164	46

- Other classified roads includes main roads, secondary roads and tourist roads

- Motorcyclist & pedal cyclist includes passengers

2.2 FATAL CRASHES

Urbanisation	Jul 2023	Jul 2022	Difference	YTD 2023	YTD 2022	Difference
Sydney metro. area	10	6	4	48	44	4
Newcastle met. area	1	0	1	6	3	3
Wollongong met. area	1	0	1	4	3	1
Country urban	13	3	10	64	38	26
Country non-urban	10	4	6	64	66	-2
Country unknown	0	0	0	0	0	0
Total	35	13	22	186	154	32
Location Type						
Intersection locations	9	1	8	42	38	4
Non-intersection locations	26	12	14	144	116	28
Total	35	13	22	186	154	32
Route						
Pacific Hwy	2	1	1	11	7	4
Hume Hwy	2	1	1	7	4	3
New England Hwy	2	0	2	3	7	-4
Newell Hwy	0	0	0	6	4	2
Princes Hwy	3	1	2	7	5	2
Great Western Hwy	1	1	0	2	5	-3
All other routes	25	9	16	150	122	28
Total	35	13	22	186	154	32
Road Classification						
Freeway/motorway	1	0	1	6	3	3
State highway	15	6	9	56	52	4
Other classified road	7	3	4	55	53	2
Unclassified road	12	4	8	69	46	23
Total	35	13	22	186	154	32
TfNSW Region						
Greater Sydney	10	6	4	51	49	2
North	10	5	5	62	45	17
South	9	1	8	45	38	7
West	6	1	5	28	22	6
Total	35	13	22	186	154	32

- Other classified road includes main roads, secondary roads and tourist roads

Type of crash	Jul 2023	Jul 2022	Difference	YTD 2023	YTD 2022	Difference
Car crash	23	7	16	109	96	13
Light truck crash	8	4	4	55	41	14
Heavy rigid truck crash	2	0	2	13	14	-1
Articulated truck crash	5	0	5	17	11	6
Heavy truck crash	6	0	6	29	25	4
Light bus crash	0	0	0	0	1	-1
Heavy bus crash	0	0	0	4	4	0
Bus crash	0	0	0	4	5	-1
Heavy vehicle crash	6	0	6	33	28	5
Emergency vehicle crash	1	0	1	2	3	-1
Motorcycle crash	7	3	4	28	33	-5
Pedal cycle crash	3	0	3	10	4	6
Pedestrian crash	5	5	0	34	27	7

- The type of crash categories are not mutually exclusive and must not be added together

2.3 COMPARISON WITH OTHER STATES

Data included in this section represent statistics for the previous month.

2.3.1 Fatalities

State Territory	June 2023	June 2022	Difference	YTD 2023	YTD 2022	Difference
New South Wales	37	20	17	175	151	24
Victoria	18	22	-4	153	119	34
Queensland	19	22	-3	124	150	-26
South Australia	3	5	-2	61	38	23
Western Australia	10	15	-5	73	73	0
Tasmania	3	3	0	16	30	-14
Northern Territory	2	5	-3	6	27	-21
Australian Capital Territory	0	1	-1	2	10	-8
	92	93	-1	610	598	12

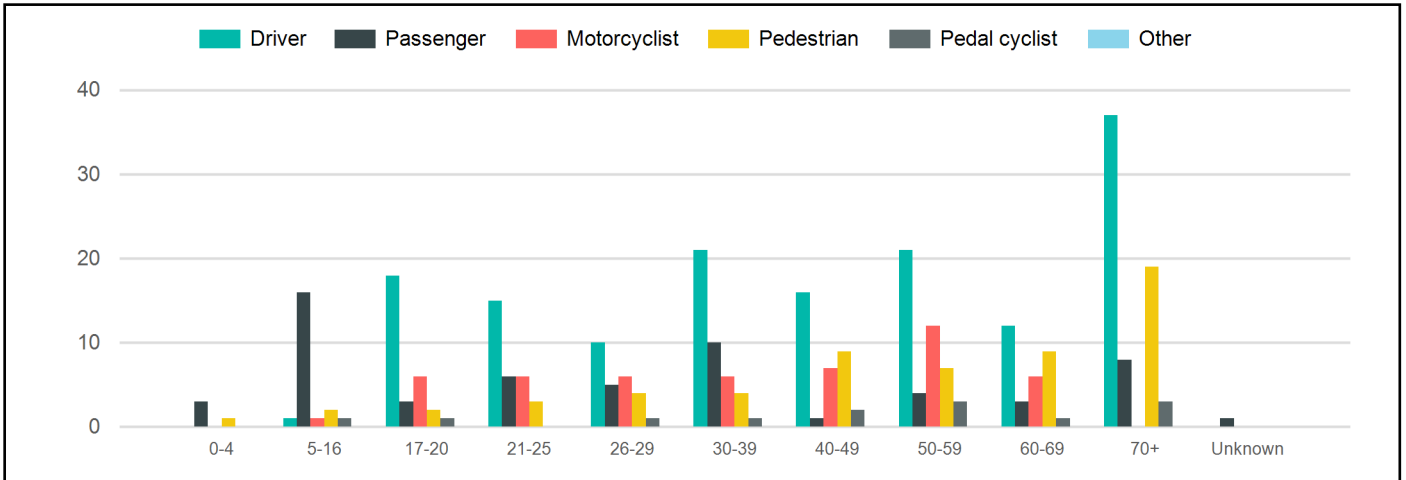
2.3.2 Fatal crashes

State Territory	June 2023	June 2022	Difference	YTD 2023	YTD 2022	Difference
New South Wales	28	17	11	151	141	10
Victoria	18	22	-4	135	118	17
Queensland	19	21	-2	118	137	-19
South Australia	3	5	-2	57	37	20
Western Australia	10	12	-2	71	66	5
Tasmania	3	2	1	16	27	-11
Northern Territory	2	5	-3	6	24	-18
Australian Capital Territory	0	1	-1	2	10	-8
	83	85	-2	556	560	-4

SECTION 3: TRENDS

3.1 FATALITIES - OVERALL TREND

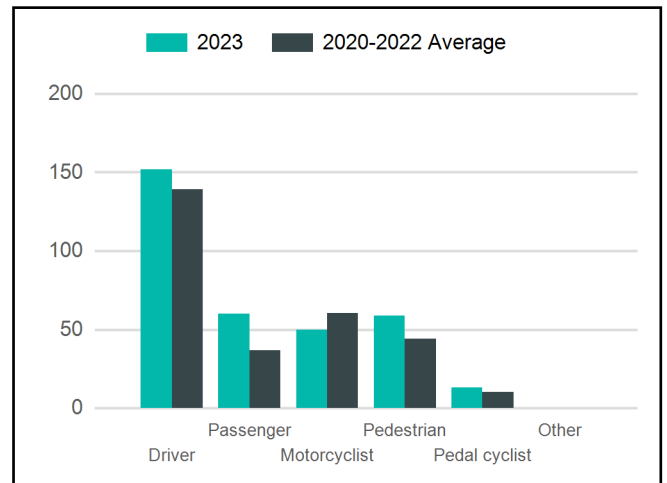
Distribution of fatalities for 12 months ending July 2023 , by age and road user class *



- Motorcyclist & pedal cyclist includes passengers

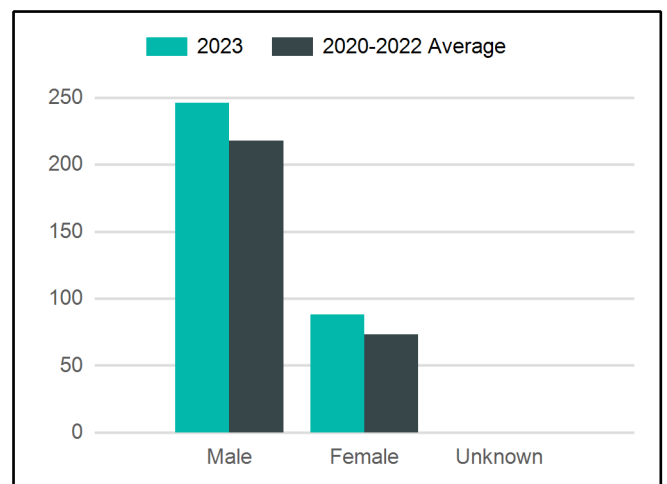
3.1.1 Number of fatalities for 12 months ending July 2023, road user class

Road User Class	2023	2020-2022	% Change
Driver	152	139.3	9.1%
Passenger	60	36.7	63.6%
Motorcyclist	50	60.3	-17.1%
Pedestrian	59	44.0	34.1%
Pedal cyclist	13	10.3	25.8%
Other	0	0.0	NA
Total	334	290.7	14.9%



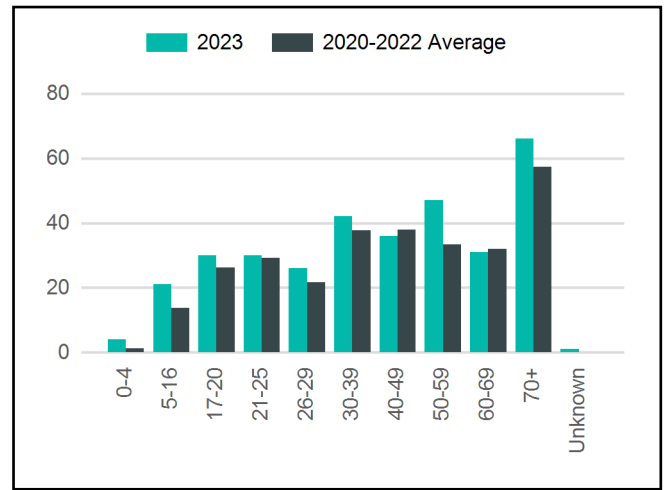
3.1.2 Number of fatalities for 12 months ending July 2023, gender of fatality

Gender	2023	2020-2022	% Change
Male	246	217.7	13.0%
Female	88	73.0	20.5%
Unknown	0	0.0	NA
Total	334	290.7	14.9%



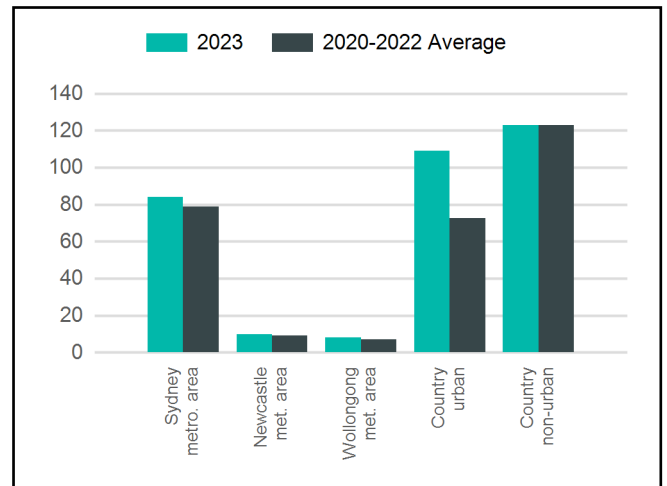
3.1.3 Number of fatalities for 12 months ending July 2023, age of fatality

Age	2023	2020-2022	% Change
0-4	4	1.3	200.0%
5-16	21	13.7	53.7%
17-20	30	26.3	13.9%
21-25	30	29.3	2.3%
26-29	26	21.7	20.0%
30-39	42	37.7	11.5%
40-49	36	38.0	-5.3%
50-59	47	33.3	41.0%
60-69	31	32.0	-3.1%
70+	66	57.3	15.1%
Unknown	1	0.0	NA
Total	334	290.7	14.9%



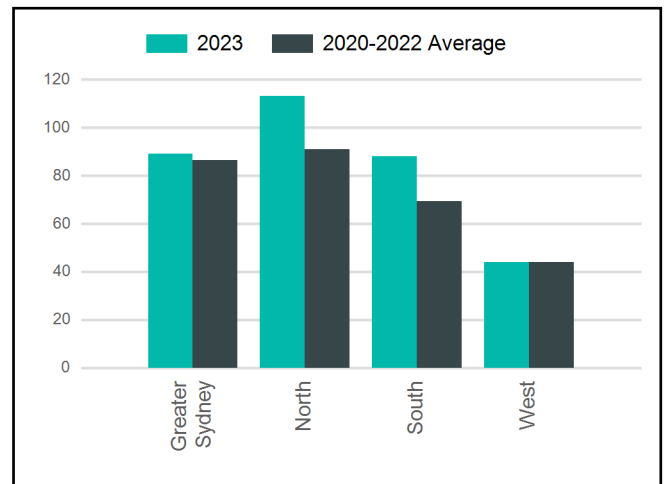
3.1.4 Number of fatalities for 12 months ending July 2023, urbanisation

Urbanisation	2023	2020-2022	% Change
Sydney metro. area	84	79.0	6.3%
Newcastle met. area	10	9.0	11.1%
Wollongong met. area	8	7.0	14.3%
Country urban	109	72.7	50.0%
Country non-urban	123	123.0	0.0%
Total	334	290.7	14.9%



3.1.5 Number of fatalities for 12 months ending July 2023, TfNSW Region

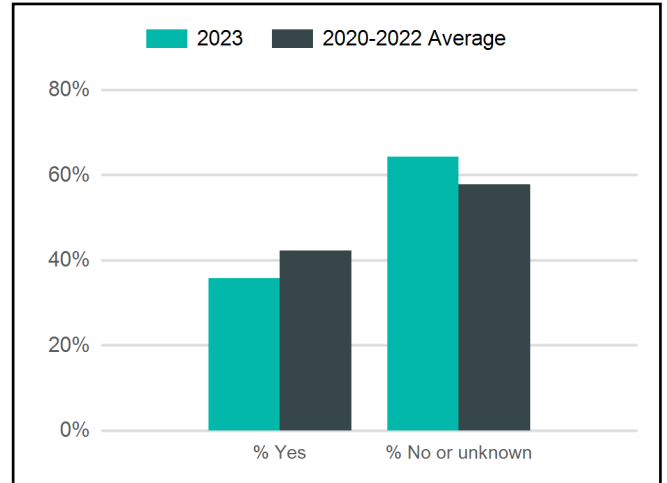
TfNSW Region	2023	2020-2022	% Change
Greater Sydney	89	86.3	3.1%
North	113	91.0	24.2%
South	88	69.3	26.9%
West	44	44.0	0.0%
Total	334	290.7	14.9%



3.2 FACTORS INVOLVED IN FATAL CRASHES

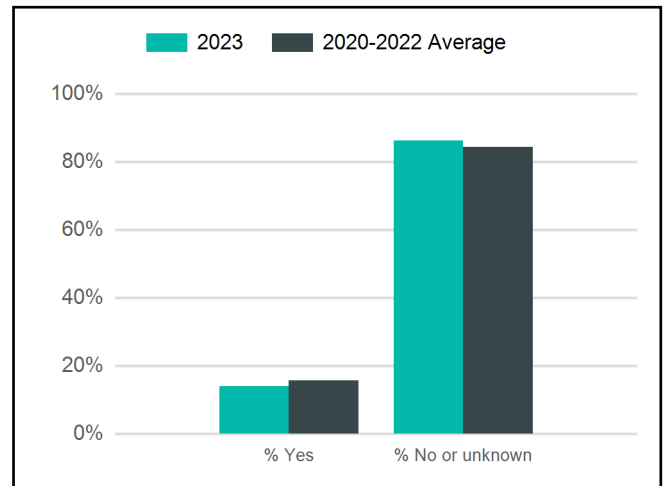
3.2.1 Number of fatal crashes for 12 months ending July 2023, speeding involvement

Excessive Speed?	2023	2020-2022	% Change
Yes	108	115.3	-6.4%
Yes %	35.8%	42.2%	
No or unknown	194	157.7	23.0%
No or unknown %	64.2%	57.8%	
Total	302	273.0	10.6%



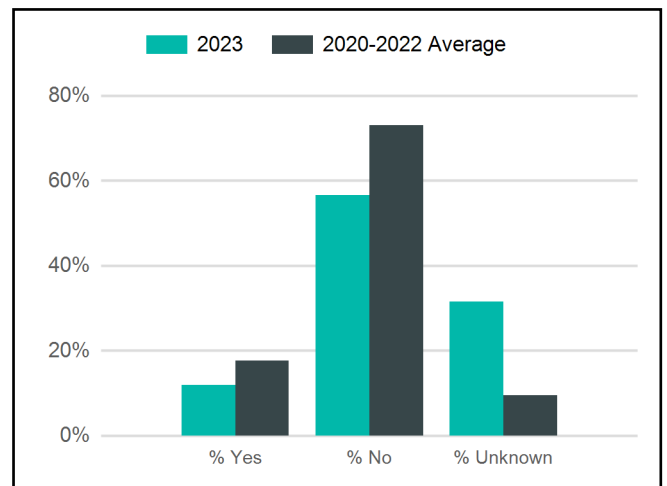
3.2.2 Number of fatal crashes for 12 months ending July 2023, fatigue involvement

Fatigue?	2023	2020-2022	% Change
Yes	42	42.7	-1.6%
Yes %	13.9%	15.6%	
No or unknown	260	230.3	12.9%
No or unknown %	86.1%	84.4%	
Total	302	273.0	10.6%



3.2.3 Number of fatal crashes for 12 months ending July 2023, alcohol involvement

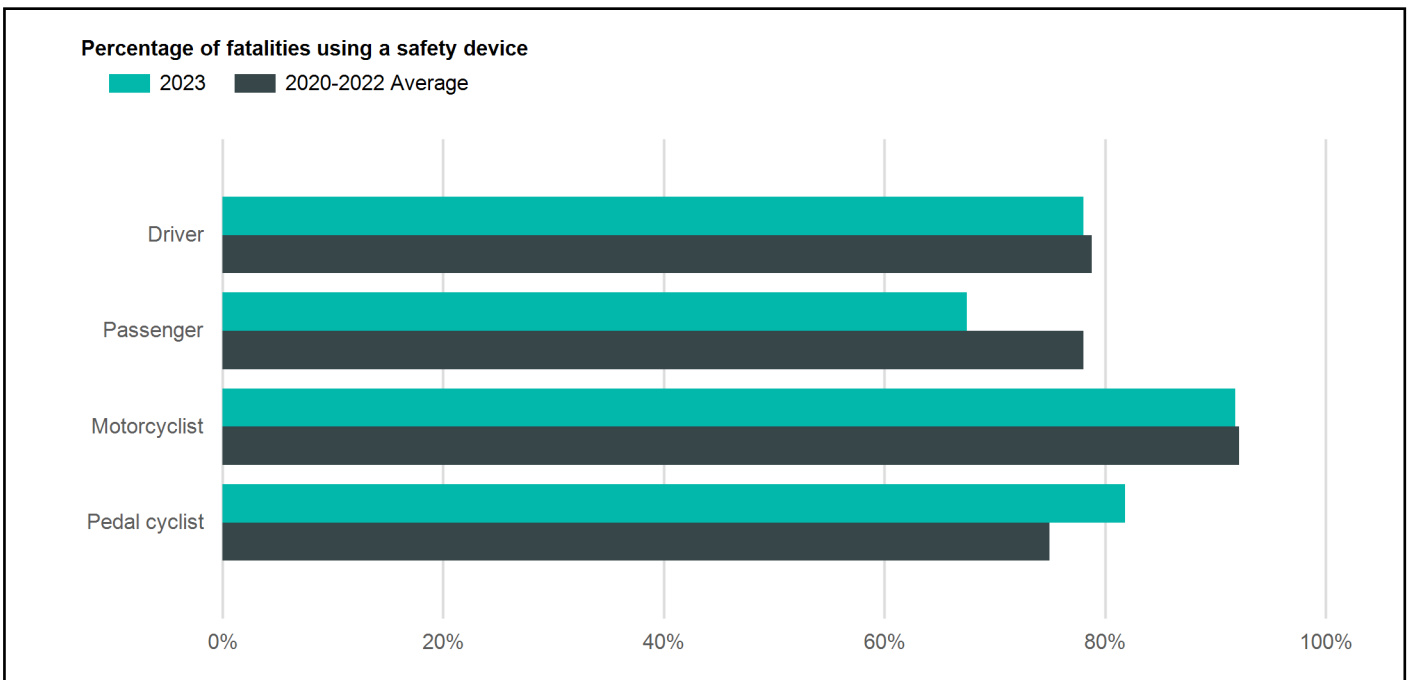
Alcohol ?	2023	2020-2022	% Change
Yes	36	48.0	-25.0%
Yes %	11.9%	17.6%	
No	171	199.3	-14.2%
No %	56.6%	73.0%	
Unknown	95	25.7	270.1%
Unknown %	31.5%	9.4%	
Total	302	273.0	10.6%



3.3 SAFETY DEVICE USAGE OF FATALITIES

3.3.1 Number of road vehicle fatalities for 12 months ending July 2023, safety device usage , road user class

Safety Device	Driver		Passenger		Motorcyclist		Pedal cyclist	
	2023	2020-2022 Average	2023	2020-2022 Average	2023	2020-2022 Average	2023	2020-2022 Average
Unknown	29	27.7	20	6.3	1	1.0	2	1.0
Worn	96	88.0	27	23.7	45	54.7	9	7.0
Not Worn	27	23.7	13	6.7	4	4.7	2	2.3
Total	152	139.3	60	36.7	50	60.3	13	10.3

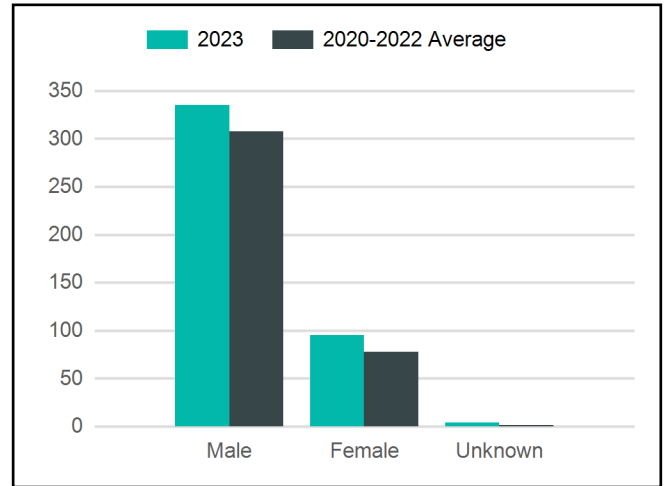


- Excludes cases of unknown safety devices usage
- Motorcyclist & pedal cyclist includes passengers

3.4 MOTOR VEHICLE CONTROLLERS INVOLVED IN FATAL CRASHES

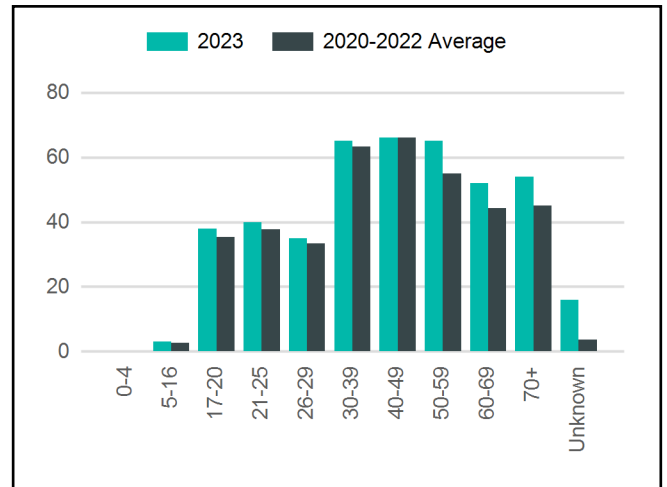
3.4.1 Number of motor vehicle controllers involved in fatal crashes for 12 months ending July 2023, gender of controller

Gender	2023	2020-2022	% Change
Male	335	307.3	9.0%
Female	95	77.7	22.3%
Unknown	4	1.3	200.0%
Total	434	386.3	12.3%



3.4.2 Number of motor vehicle controllers involved in fatal crashes for 12 months ending July 2023, age of controller

Age	2023	2020-2022	% Change
0-4	0	0.0	NA
5-16	3	2.7	12.5%
17-20	38	35.3	7.5%
21-25	40	37.7	6.2%
26-29	35	33.3	5.0%
30-39	65	63.3	2.6%
40-49	66	66.0	0.0%
50-59	65	55.0	18.2%
60-69	52	44.3	17.3%
70+	54	45.0	20.0%
Unknown	16	3.7	336.4%
Total	434	386.3	12.3%



3.4.3 Number of motor vehicle controllers involved in fatal crashes for 12 months ending July 2023, alcohol involvement

Alcohol Involvement	2023	2020-2022	% Change
Illegal	37	48.0	-22.9%
Legal	278	310.7	-10.5%
Unknown	119	27.7	330.1%
Total	434	386.3	12.3%

