

NSW road fatalities report

31 December, 2016 (provisional)

NSW road fatalities report

Contents

1	December 2016 road toll	3
2	NSW, Cumulative Fatalities, 2016 (P) v 2015 2.1 Other relevant issues	
	 2.2 Road Toll 2016 v 2015, 1 January to 31 December – preliminary data as at 1 January 2017. 	
	 2.3 January to December 2016 Road Toll	7 8

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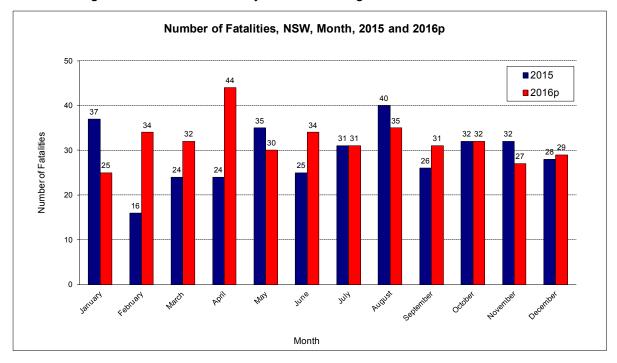
1 December 2016 road toll

There were 29 fatalities during December 2016, one more fatality (4 per cent) than December 2015 and the highest December total since 2011 (with 40 fatalities).

During the 12 months ending December 2016, there were 384 fatalities (provisional figure), 34 (10 per cent) more fatalities than 2015, the highest calendar year total since 2010 (with 405 fatalities).

The estimated fatality rate for the 12 months ending December 2016 is 4.97 fatalities per 100,000 population (based on the provisional fatality total of 384), up from 4.59 for the 12 months ending December 2015. However, the 2016 fatality rate was the fourth lowest since records began in 1908 – bettered only by the results for 2014 (4.09), 2013 (4.50) and 2015 (4.59).

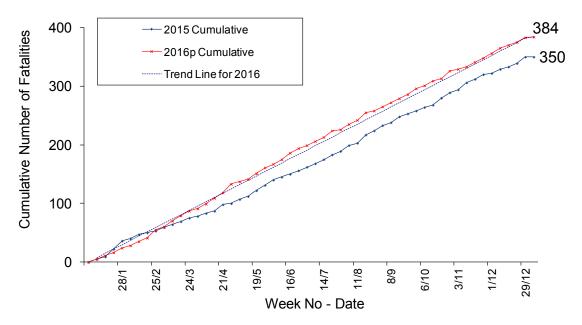
Note that the provisional figure for 2016 (384 fatalities) is the road toll figure as at 1 January 2017. This figure is to be quoted when referring to the 2016 road toll until the data are finalised around August 2017. Other 2016 data are preliminary and are subject to change because there is a tendency for the preliminary number of fatalities in a month to increase in the weeks after the end of that month, as persons may die some days later from injuries received in a crash occurring in that month.



The following chart shows the monthly fatalities during 2016 and in 2015.

2 NSW, Cumulative Fatalities, 2016 (P) v 2015

The following chart shows the cumulative trend lines for the 2016 and 2015 road tolls.



NSW, Cumulative Fatalities, 2016p v 2015

Attached are tables summarising the preliminary results for the twelve months ending December 2016 with comparisons to the corresponding period in 2015. The following comments have been derived from the data.

The key areas to have decreased during 2016 compared with 2015 were:

- fatalities for females (down from 108 to 97)
- fatalities on Wednesday (down from 53 to 36)
- fatal crashes on roads sign posted at 60km/h (down from 67 to 55)
- motor vehicle controllers involved in fatal crashes who were Sydney RMS region residents (down from 169 to 150)

The key areas to have increased during 2016 compared with 2015 were:

- fatalities for motor vehicle drivers (up from 155 to 186) and pedestrians (up from 61 to 74)
- fatalities for males (up from 242 to 287)
- fatalities aged 17 to 25 (up from 55 to 78) and 30 to 49 (up from 89 to 111)
- fatalities on Tuesday (up from 45 to 54), Friday (up from 45 to 62) and Saturday (up from 62 to 73)
- fatalities occurring Monday to Friday between 3am and 9am (McLean period A) (up from 34 to 43), Thursday to Friday between 3pm to 9pm (McLean

period G) (up from 28 to 42) and Thursday to Saturday between 9pm to 3am (McLean period J) (up from 35 to 50)

- fatalities in Country Non-Urban (up from 137 to 158)
- fatalities in Northern (up from 65 to 74), Hunter (up from 59 to 73) and Western (up from 40 to 55) RMS Regions
- fatalities from crashes involving a fatigued motor vehicle controller (up from 55 to 83) or a motor vehicle controller with illegal alcohol (up from 45 to an estimated 59)
- fatalities of vehicle occupants not wearing an available restraint (up from 34 to 44)
- fatal crashes involving pedestrian (up from 60 to 69) or off path straight (up from 48 to 61) road user movement
- fatal crashes involving vehicle-vehicle head on (up from 65 to 77), vehicleobject (up from 99 to 120) or vehicle- pedestrian (up from 60 to 69) first impact
- fatal crashes on roads sign posted under 60km/h (up from 54 to 72) and 80km/h (up from 50 to 65)
- fatal crashes on Unclassified Roads (up from 116 to 141)
- motor vehicle controllers aged 17 to 25 (up from 82 to 106) and 30 to 39 (up from 70 to 89) years
- motor vehicle controllers involved in fatal crashes who were residents of Northern (up from 62 to 86) and Hunter (up from 73 to 93) RMS Regions
- motor vehicle controllers of light trucks (up from 72 to 96) and heavy rigid trucks (up from 22 to 32) involved in fatal crashes

2.1 Other relevant issues

Other recent relevant issues not included in the attached one page summary for the twelve months ending December 2016 period (compared with the same period in 2015) show that the:

- number of P Plate drivers killed has increased from 19 in 2015 to 25 in 2016
- number of fatalities from crashes involving a P Plate Driver (excludes a P Plate Motorcyclist) has increased from 51 in 2015 to 56 in 2016
- number of fatalities on the Princes Highway (south of Yallah to Vic border) has decreased from eight in 2015 to five in 2016
- number of fatalities on the Pacific Highway (Hexham to Qld border) decreased slightly from 23 in 2015 to 22 in 2016
- number of fatalities from fatal crashes involving heavy trucks has increased from 57 in 2015 to 61 in 2016

2.2 Road Toll 2016 v 2015, 1 January to 31 December – preliminary data as at 1 January 2017

Road Toll 2016 v 2015 - 1 January to 31 December - preliminary data as at 1 January 2017

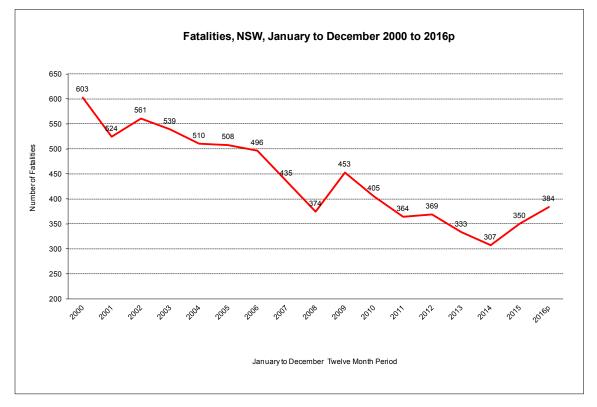
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					Iotal Fatal Crashes	360	326	34		eek No - D	Date	
									-L			

2.3 January to December 2016 Road Toll

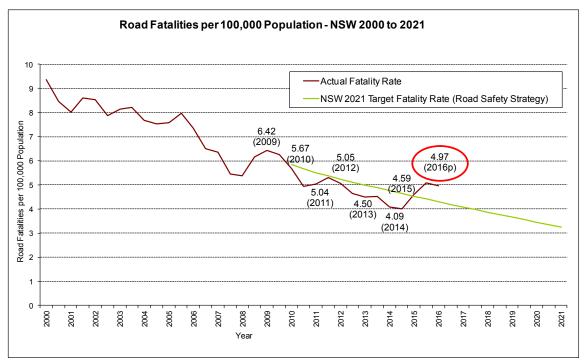
During the 12 month period ending December 2016 there were 384 fatalities, 34 (10 per cent) more fatalities than the corresponding period in 2015, the highest total for the January to December twelve month period since January to December 2010 (with 405 fatalities).

The following chart shows the number of fatalities for each year since 2000. There was an underlying downward trend for fatalities between 2002 and 2014. However, there have been increases in 2015 and again in 2016p, with the cumulative increase over the two year period of a similar magnitude to the increase which occurred between 2008 and 2009.

The estimated fatality rate for the 12 months ending December 2016 is 4.97 (based on a fatality total of 384), up from 4.59 for the 12 months ending December 2015.



The chart below shows that the provisional fatality rate for the twelve months ended December 2016 of 4.97 is above the downward trend for the 2021 target.



For the twelve month period ended December 2016 there were 0.53 fatalities per 100 million vehicle km travelled (preliminary figure), which is greater than the rate for the same period ending December 2015 (0.49).

Note:

Travel estimate based on published figures from ABS Survey of Motor Vehicle Usage; travel estimates since 2014 have been extrapolated based on average exponential growth for 2005 to 2014.

2.4 January to December 2016 road toll (additional information)

Attached are tables summarising the preliminary results for the 12 months ending 31 December 2016 with comparisons to the corresponding period in 2015 and the 2013 to 2015 three year average. The following comments have been derived from the data.

The key areas to have decreased during 2016 compared with the 2015 and 2013 to 2015 three year average were:

- fatalities on Wednesdays (down by 17 compared with previous 12 month period; down by 9.0 compared with the three year average)
- motor vehicle controllers involved in fatal crashes who were residents of the Sydney RMS Region (down by 19; down by 4.7)

The key areas to have increased during 2016 compared with the 2015 and 2013 to 2015 three year average were:

- fatalities for motor vehicle drivers (up by 31 compared with previous 12 month period; up by 31.7 compared with the three year average)
- fatalities for pedestrians (up by 13; up by 25.3)
- fatalities for males (up by 45; up by 55.0)

- fatalities aged 17 to 25 years old (up by 23; up by 12.7) and aged 30 to 49 years old (up by 22; up by 27.7)
- fatalities on Tuesdays (up by 9; up by 13.0), Fridays (up by 17; up by 11.3) and Saturdays (up by 11; up by 17.7)
- fatalities occurring between 3pm to 9pm Thursday to Friday (McLean period G) (up by 14; up by 11.7) and between 9pm to 3am Thursday to Saturday (McLean period J) (up by 15; up by 17.0)
- fatalities in the Metropolitan (up by 10; up by 24.7) and Country Non-Urban areas (up by 21; up by 20.7)
- fatalities in the Northern (up by 9; up by 9.3), Hunter (up by 14; up by 23.0) and Western RMS Regions (up by 15; up by 18.7)
- fatalities from crashes involving excessive speed (up by 11; up by 19.3), driver fatigue (up by 28; up by 26.3) and illegal alcohol (up by 14; up by 9.7)
- fatalities of vehicle occupants not wearing an available restraint (up by 10; up by 16.3)
- fatal crashes with pedestrians (up by 9; up by 22.0)
- fatal crashes involving vehicle-vehicle head on (up by 12; up by 18.0), vehicleobject (up by 21; up by 13.0) and vehicle-pedestrian (up by 9; up by 22.0)
- fatal crashes on roads sign posted under 60km/h (up by 18; up by 19.3) and 80km/h (up by 15; up by 16.0)
- fatal crashes on Unclassified roads (up by 25; up by 30.7)
- motor vehicle controllers involved in fatal crashes who were aged 17 to 25 years (up by 24; up by 18.0) or aged 30 to 39 years (up by 19; up by 18.7)
- motor vehicle controllers involved in fatal crashes who were residents of the Northern (up by 24; up by 21.7), Hunter (up by 20; up by 26.7) or Western RMS Regions (up by 8; up by 17.0)
- drivers of light trucks (up by 24; up by 34.7) or heavy rigid trucks (up by 10; up by 11.0) involved in fatal crashes

2.5 Rolling 12 months Road Toll

1 January to 31 December: 2016, 2015 and three-year average (2013-2015) – provisional data for 2016, as at 1 January 2017.

			1	- provisional	data for 20	16 as at 1 January	2017					
	N	umber o	of Persons Kill	ed		Number of Fatal Crashes						
			Change	3yr average	Change				Change	3yr average	Cha	
Class of Road User Driver	2016 186	2015 155	2016 v 2015 31	2013 to 2015 154.3	2016 v 3yr ave 31.7	RUM Code Pedestrian	2016 69	2015 60	2016 v 2015 9	2013 to 2015 47.0	2016 v 3yr	
Passenger	53	60	-7	50.7	2.3	Vehicles Adjacent	13	16	-3	14.3		
Pedestrian	74	61	13	48.7	25.3	Vehicles Opposite	79	75	4	68.7	1	
Motorcyclist	66	67	-1	65.7	0.3	Vehicles Same Direction	23	18	5	17.3		
Pedal Cyclist Other	5	7	-2	10.7	-5.7	Manoeuvring Overtaking	11 10	9 4	2	8.0 5.3		
Total Fatalities	384	350	34	330.0	54.0	On Path	6	8	-2	5.3		
			Change	3yr average	Change							
Gender Male	2016 287	2015 242	2016 v 2015 45	2013 to 2015 232.0	2016 v 3yr ave 55.0	Off Path Straight Off Path Curve	61 83	48 86	13 -3	62.7 77.3		
Female Fotal Fatalities	97 384	108 350	-11 34	98.0 330.0	-1.0 54.0	Miscellaneous Total Fatal Crashes	5 360	2 326	3 34	1.3 309.0	5	
Age Group	2016	2015	Change 2016 v 2015	3yr average 2013 to 2015	Change 2016 v 3yr ave	First Impact Type	2016	2015	Change 2016 v 2015	3yr average 2013 to 2015	Cha 2016 v 3yr	
)-4	2010	2013	2010 12013	3.3	2010 V Syl ave	Veh-Veh Head On	2010	65	12	59.0	2010 0 091	
5-16	13	16	-3	11.3	1.7	Veh-Veh Right Angle	14	19	-5	15.7		
17-20	41	30	11	31.7	9.3	Veh-Veh Nose Tail	17	12	5	10.3		
21-25	37	25	12	33.7	3.3	Veh-Veh Other Angle	29	32	-3	32.3		
26-29 30-39	20	26 36	-6 15	21.7 39.3	-1.7 11.7	Vehicle-Object Vehicle-Pedestrian	120 69	99 60	21 9	107.0 47.0		
10-49	60	53	7	44.0	16.0	Vehicle-Animal	3	2	1	2.0		
0-59	44	48	-4	45.0	-1.0	Vehicle-Train	0	- 1	-1	0.3		
0-69	42	35	7	36.0	6.0	Vehicle Rollover	27	34	-7	34.0		
0-79	36	40	-4	32.0	4.0	Person Object	4	1	3	1.0		
0+	34	37	-3	31.7	2.3	Other	0	1	-1	0.3		
Jnknown	0	0	0	0.3	-0.3	Total Fatal Crashes	360	326	34 Change	309.0 3yr average	Cha	
otal Fatalities	384	350	34	330.0	54.0	Speed Limit	2016	2015	2016 v 2015	2013 to 2015	2016 v 3y	
ay of Week	2016	2015	Change 2016 v 2015	3yr average 2013 to 2015	Change 2016 v 3yr ave	Under 60km/h	72	54	18	52.7		
Sunday	2016	2015	2016 v 2015	2013 10 2015	2016 V Syl ave 13.3	60km/h	55	54 67	-12	52.7		
londay	46	44	2	42.0	4.0	70km/h	18	20	-2	15.3		
uesday	54	45	9	41.0	13.0	80km/h	65	50	15	49.0		
/ednesday	36	53	-17	45.0	-9.0	90km/h	11	8	3	10.0		
hursday	48	41	7	44.3	3.7	100km/h	114	105	9	103.0		
riday aturday	62 73	45 62	17 11	50.7 55.3	11.3 17.7	110km/h Unknown	25	22	3	19.7		
otal Fatalities	384	350	34	330.0	54.0	Total Fatal Crashes	360	326	34	309.0		
			Change	3yr average	Change				Change	3yr average	Cha	
IcLean Period	2016	2015	2016 v 2015	2013 to 2015	2016 v 3yr ave	Road Classification	2016	2015	2016 v 2015	2013 to 2015	2016 v 3yr	
(Mon-Fri 3am-9am)	43	34	9	39.3	3.7	Freeway/Motorway	7	8	-1	6.0		
(Sat-Sun 3am-9am)	22	19	3	16.3	5.7	Highway	93	88	5	85.0		
(Mon-Fri 9am-3pm) (Sat 9am-3pm)	80	76 20	-6	72.0	8.0 -5.3	Other Classified Unclassified Road	119 141	114 116	5 25	107.7 110.3		
(Sun 9am-3pm)	26	20	-0	17.0	9.0	Total Fatal Crashes	360	326	34	309.0		
(Mon-Wed 3pm-9pm)	42	50	-8	48.0	-6.0							
(Thu-Fri 3pm-9pm)	42	28	14	30.3	11.7		Motor V	ehicle C	Controllers Inv	olved 3yraverage	Cha	
l (Sat-Sun 3pm-9pm)	38	39	-1	31.7	6.3	Age of Controller	2016	2015	2016 v 2015	2013 to 2015	2016 v 3y	
(Sun-Wed 9pm-3am)	27	27	0	23.0	4.0	Under 17	3	5	-2	3.3		
(Thu-Sat 9pm-3am) otal Fatalities	50 384	35 350	15 34	33.0 330.0	17.0 54.0	17-20 21-25	50 56	44 38	6 18	41.0 47.0		
otal Fatalities	304	350	Change	3yr average		21-25	50	30	10	47.0		
Irbanisation	2016	2015	2016 v 2015	2013 to 2015	Change 2016 v 3yr ave	26-29	32	38	-6	36.3		
fetropolitan	131	121	10	106.3	24.7	30-39	89	70	19	70.3		
Country Urban	95	92	3	86.3	8.7	40-49	88	88	0	78.7		
Country Non-Urban	158	137	21	137.3	20.7	50-59	78	79	-1	68.3		
ountry Unknown otal Fatalities	0	0 350	0	0.0	0.0	60-69	58 36	56	2	54.0 30.3		
otar i ataittes	384	300	34 Change	330.0 3yr average	54.0 Change	70-79	30	35	1	30.3		
MS Region	2016	2015	2016 v 2015	2013 to 2015	2016 v 3yr ave	80+	20	26	-6	21.3		
lorthern	109 74	110 65	-1 9	94.7 64.7	14.3 9.3	Unknown Total MVs In FCs	6 516	4 483	2	2.3 453.0		
									Change	3yr average	Ch	
unter	73	59	14	50.0	23.0	Addr of Controller	2016	2015	2016 v 2015	2013 to 2015	2016 v 3y	
	45	45 31	-3	48.3 36.0	-3.3 -8.0	I/State or O/Seas Sydney	43 150	50 169	-7 -19	40.3 154.7		
	∠8	40	-3	36.3	-8.0 18.7	Northern	86	62	-19 24	154.7		
outh West	55		34	330.0	54.0	Hunter Southern	93	73	20	66.3		
South West Vestern	55 384	350				Southern	57	49	8	54.3		
South West Vestem Total Fatalities	384		Change	3yr average	Change							
South West Vestern Iotal Fatalities Iehaviour Factors	2016	2015	2016 v 2015	2013 to 2015	2016 v 3yr ave	South West	30	26	4	31.0		
South West Vestem Total Fatalities Rehaviour Factors Excessive Speed	2016 157	2015 146	2016 v 2015 11	2013 to 2015 137.7	2016 v 3yr ave 19.3	Western	52	44	8	35.0		
iouthem South West Vestern Otal Fatalities Hehaviour Factors Excessive Speed Fatigue legal Alcohol#	2016	2015	2016 v 2015	2013 to 2015	2016 v 3yr ave				8 -5 33	35.0 7.0 453.0		
iouth West Vestern otal Fatalities kehaviour Factors excessive Speed atigue legal Alcohol# Restraint Non Usage	2016 157 83	2015 146 55	2016 v 2015 11 28	2013 to 2015 137.7 56.7	2016 v 3yr ave 19.3 26.3	Western Unknown	52 5	44 10	8 -5	35.0 7.0	Chi	
iouth West Vestern otal Fatalities kehaviour Factors excessive Speed atigue legal Alcohol# Restraint Non Usage	2016 157 83 59	2015 146 55 45	2016 v 2015 11 28 14	2013 to 2015 137.7 56.7 49.3	2016 v 3yr ave 19.3 26.3 9.7	Westem Unknown Total MVs In FCs Vehicle Type Car	52 5 516 2016 280	44 10 483 2015 274	8 -5 33 Change 2016 v 2015 6	35.0 7.0 453.0 3yr average 2013 to 2015 260.0	Ch 2016 v 3y	
outh West Vestern I Fatalities ehaviour Factors xcessive Speed aligue legal Alcohol# testraint Non Usage IC Heimet Not Wom Alcohol related fataliti	384 2016 157 83 59 44 6 es are incom	2015 146 55 45 34 7 plete for	2016 v 2015 11 28 14 10 -1	2013 to 2015 137.7 56.7 49.3 27.7	2016 v 3yr ave 19.3 26.3 9.7 16.3	Western Unknown Total MVs In FCs Vehicle Type Car Light Truck Heavy Rigid Truck	52 516 2016 280 96 32	44 10 483 2015 274 72 22	8 -5 33 Change 2016 v 2015 6 24 10	35.0 7.0 453.0 3yr average 2013 to 2015 260.0 61.3 21.0		
outh West Vestern otal Fatalities Hehaviour Factors Excessive Speed aligue legal Alcohol# Restraint Non Usage IC Heimet Not Wom Alcohol related fataliti	384 2016 157 83 59 44 6 es are incom	2015 146 55 45 34 7 plete for	2016 v 2015 11 28 14 10 -1 -1 Change	2013 to 2015 137.7 56.7 49.3 27.7 4.0 3yr average	2016 v 3yr ave 19.3 26.3 9.7 16.3 2.0 Change	Western Unknown Total MVs In FCs Vehicle Type Car Light Truck	52 5 516 2016 280 96	44 10 483 2015 274 72	8 -5 33 Change 2016 v 2015 6 24	35.0 7.0 453.0 3yr average 2013 to 2015 260.0 61.3		
South West Vestern otal Fatalities Hehaviour Factors Excessive Speed aligue legal Alcohol# Restraint Non Usage MC Heimet Not Wom Alcohol related fataliti revious three months a raffic Route	384 2016 157 83 59 44 6 es are incom and are not c 2016	2015 146 55 45 34 7 plete for comparable 2015	2016 v 2015 11 28 14 10 -1	2013 to 2015 137.7 56.7 49.3 27.7 4.0 3yr average 2013 to 2015	2016 v 3yr ave 19.3 26.3 9.7 16.3 2.0 Change 2016 v 3yr ave	Western Unknown Total MVs in FCs Vehicle Type Car Light Truck Heavy Rigid Truck Articulated Truck Bus	52 5 516 2016 280 96 32 27 9	44 10 483 2015 274 72 22	8 -5 33 Change 2016 v 2015 6 24 10 -4 4	35.0 7.0 453.0 3yr average 2013 to 2015 260.0 61.3 21.0 32.3 4.3	Ch 2016 v 3y	
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