

ROAD TRAFFIC ACCIDENTS INVOLVING CASUALTIES, QUEENSLAND, MARCH QUARTER 1990

PHONE INQUIRIES

For more information about these statistics please contact Greg McNamara on Brisbane (07) 222 6297.

For other inquiries, including copies of publications, please contact Information Services on Brisbane (07) 222 6351.

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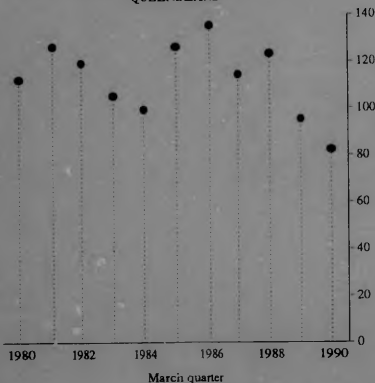
Please write to Information Services, Australian Bureau of Statistics (ABS), GPO Box 9817, Brisbane Q 4001.

MAIN FEATURES

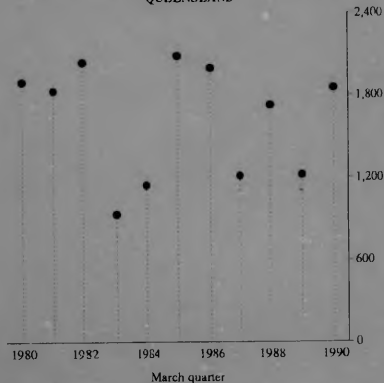
There were 1,787 road traffic accidents involving casualties reported in Queensland in March quarter 1990 compared with 1,642 in March quarter 1989.

In March quarter 1990, a total of 83 road users were killed and 2,267 were seriously injured. These figures were 13.5 per cent lower and 7.5 per cent higher, respectively, than in March quarter 1989.

**PERSONS KILLED IN ROAD TRAFFIC ACCIDENTS,
QUEENSLAND**



**PERSONS INJURED IN ROAD TRAFFIC ACCIDENTS,
QUEENSLAND**



NOTES

The statistics of road traffic accidents in this publication are compiled from road traffic accident reports prepared by the Queensland Police Department.

Explanatory Notes are located at the back of this publication.

J. K. Cornish
DEPUTY COMMONWEALTH STATISTICIAN

TABLE 1 — ROAD TRAFFIC ACCIDENTS AND CASUALTIES, QUEENSLAND

Period	Accidents		Persons	
	Total reported	Involving casualties	Killed	Injured
Year				
1984	16,209	7,222	505	9,186
1985	17,207	7,528	502	9,694
1986	16,294	7,183	481	9,333
1987	15,740	6,912	442	8,868
1988	16,879	7,301	539	9,505
1989	17,038	7,212	428	9,240
Quarter				
1988— December	4,393	1,931	146	2,504
1989— March	3,838	1,642	96	2,108
June	4,309	1,804	83	2,305
September	4,555	1,934	110	2,518
December	4,336	1,832	139	2,309
1990— March	4,200	1,787	83	2,267
Month				
1989— January	1,117	496	27	636
February	1,210	527	27	650
March	1,511	619	42	822
April	1,343	565	24	731
May	1,451	640	31	806
June	1,515	599	28	768
July	1,487	638	42	832
August	1,487	638	32	845
September	1,573	657	36	841
October	1,495	639	41	784
November	1,500	633	51	731
December	1,363	563	47	794
1990— January	1,473	636		767
February	1,308	587	23	689
March	1,334	551	28	811
	1,558	649	32	

TABLE 2 — ROAD TRAFFIC CASUALTIES BY TYPE OF ROAD USER, QUEENSLAND

Period	Motor drivers	Motor cyclists	Pedal cyclists	Pedestrians	Passengers etc. (a)	Total
	PERSONS KILLED					
Year						
1984	192	74	16	66	157	505
1985	201	77	20	72	132	502
1986	186	75	15	65	140	481
1987	165	55	14	73	135	442
1988	222	53	21	78	165	539
1989	173	48	19	68	120	428
Quarter						
1988— December	62	14	5	22	43	146
1989— March	36	8	4	22	26	96
June	29	14	2	16	22	83
September	47	10	4	15	34	110
December	61	16	9	15	38	139
1990— March	29	8	5	15	26	83

TABLE 2 — ROAD TRAFFIC CASUALTIES BY TYPE OF ROAD USER, QUEENSLAND — *continued*

Period	Motor drivers	Motor cyclists	Pedal cyclists	Pedestrians	Passengers etc. (a)	Total
PERSONS INJURED						
Year						
1984	3,497	1,354	570	740	3,025	9,186
1985	3,805	1,349	610	748	3,182	9,694
1986	3,600	1,195	632	682	3,224	9,333
1987	3,617	1,017	656	684	2,894	8,868
1988	3,748	1,070	758	738	3,191	9,505
1989	3,790	957	779	760	2,954	9,240
Quarter						
1988— December	1,010	298	190	189	817	2,504
1989— March	887	212	162	176	671	2,108
June	939	258	201	189	718	2,305
September	1,006	251	207	215	839	2,518
December	958	236	209	180	726	2,309
1990— March	965	205	253	195	649	2,267

(a) Including passengers on motor cycles and pedal cycles, riders of animals, drivers of animal-drawn vehicles etc.

TABLE 3 — ROAD TRAFFIC CASUALTIES: TYPE OF ROAD USER BY AGE GROUP AND SEX, QUEENSLAND, MARCH QUARTER 1990

Age group (years)	Motor drivers		Motor cyclists		Pedal cyclists		Pedestrians		Passengers etc. (a)		Total	
	M	F	M	F	M	F	M	F	M	F	M	F
PERSONS KILLED												
Under 5	—	—	—	—	—	—	—	—	1	—	1	—
5-6	—	—	—	—	—	—	1	—	—	—	1	—
7-16	—	—	—	—	1	1	1	1	2	1	4	3
17-20	5	3	—	1	1	—	2	—	5	4	13	8
21-24	2	—	2	—	—	—	1	—	2	1	7	1
25-29	—	—	2	—	1	—	1	—	1	—	5	—
30-39	4	3	1	—	1	—	2	—	2	—	6	3
40-49	2	2	2	—	—	—	2	—	—	—	1	—
50-59	1	—	—	—	—	—	—	—	—	—	—	—
60 and over	6	1	—	—	—	—	3	1	2	4	11	6
Not stated	—	—	—	—	—	—	—	—	—	—	—	—
Total	20	9	7	1	4	1	13	2	15	11	59	24
PERSONS INJURED												
Under 5	—	—	—	—	—	—	5	2	14	7	19	9
5-6	—	—	—	—	1	1	4	2	3	4	8	7
7-16	—	1	5	—	98	26	29	21	46	65	178	113
17-20	116	89	49	3	31	8	11	18	77	83	284	201
21-24	75	57	44	4	10	3	12	5	34	36	175	105
25-29	91	48	52	1	12	3	11	7	27	19	166	78
30-39	64	48	30	2	19	7	7	7	20	29	167	123
40-49	60	80	6	—	10	2	8	5	15	28	99	115
50-59	45	39	5	—	5	2	4	8	4	23	63	72
60 and over	45	43	2	—	4	1	12	10	5	41	93	95
Not stated	7	5	2	—	9	1	5	2	25	44	45	52
Total	525	440	195	10	199	54	108	87	270	379	1,297	970

(a) Including passengers on motor cycles and pedal cycles, riders of animals, drivers of animal-drawn vehicles etc. M. Males. F. Females.

TABLE 4 — ROAD TRAFFIC ACCIDENTS AND CASUALTIES: TIME OF DAY BY DAY OF WEEK, QUEENSLAND, MARCH QUARTER 1990

Time of day	Day of week							Total
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
TOTAL ACCIDENTS								
From midnight up to 2 a.m.	19	13	10	17	14	34	38	145
" 2 a.m. " 4 a.m.	5	4	11	6	10	27	19	82
" 4 a.m. " 6 a.m.	10	7	6	6	10	17	15	71
" 6 a.m. " 8 a.m.	48	48	45	60	48	36	19	304
" 8 a.m. " 10 a.m.	76	81	76	78	81	50	44	486
" 10 a.m. " 12 noon	64	71	42	85	61	92	52	467
" 12 noon " 2 p.m.	59	63	70	75	59	81	46	453
" 2 p.m. " 4 p.m.	91	104	77	92	96	66	47	573
" 4 p.m. " 6 p.m.	94	102	116	120	142	91	65	730
" 6 p.m. " 8 p.m.	44	55	52	79	65	76	61	432
" 8 p.m. " 10 p.m.	21	26	38	53	55	47	33	273
" 10 p.m. " midnight	20	19	11	31	39	48	16	184
Total	551	593	554	702	680	665	455	4,200
CASUALTY ACCIDENTS								
From midnight up to 2 a.m.	10	3	4	9	5	18	20	69
" 2 a.m. " 4 a.m.	1	1	5	4	5	15	11	42
" 4 a.m. " 6 a.m.	4	3	3	5	2	6	7	30
" 6 a.m. " 8 a.m.	17	21	23	30	24	13	10	138
" 8 a.m. " 10 a.m.	28	42	27	26	36	26	20	205
" 10 a.m. " 12 noon	23	28	23	38	25	29	22	188
" 12 noon " 2 p.m.	23	22	29	36	31	32	23	196
" 2 p.m. " 4 p.m.	37	42	33	52	32	30	19	245
" 4 p.m. " 6 p.m.	30	38	47	38	55	42	24	294
" 6 p.m. " 8 p.m.	25	17	23	28	31	33	28	185
" 8 p.m. " 10 p.m.	9	9	14	19	19	18	18	106
" 10 p.m. " midnight	5	7	7	16	22	21	11	89
Total	232	233	238	301	287	283	213	1,787
PERSONS KILLED								
From midnight up to 2 a.m.	2	1	—	1	—	3	1	8
" 2 a.m. " 4 a.m.	—	—	1	2	1	—	2	6
" 4 a.m. " 6 a.m.	—	—	—	—	—	1	—	1
" 6 a.m. " 8 a.m.	1	—	—	3	1	—	1	6
" 8 a.m. " 10 a.m.	3	1	1	—	2	—	—	7
" 10 a.m. " 12 noon	—	—	—	1	—	—	—	1
" 12 noon " 2 p.m.	1	2	—	1	1	5	1	11
" 2 p.m. " 4 p.m.	2	2	2	3	—	2	6	17
" 4 p.m. " 6 p.m.	3	2	—	—	—	3	1	9
" 6 p.m. " 8 p.m.	1	1	1	—	3	2	1	9
" 8 p.m. " 10 p.m.	—	—	—	—	2	1	—	3
" 10 p.m. " midnight	1	—	2	1	—	1	—	5
Total	14	9	7	12	10	18	13	83
PERSONS INJURED								
From midnight up to 2 a.m.	15	6	6	16	7	19	25	94
" 2 a.m. " 4 a.m.	1	1	4	3	8	19	12	48
" 4 a.m. " 6 a.m.	5	3	5	7	2	5	11	38
" 6 a.m. " 8 a.m.	18	25	30	32	29	19	12	165
" 8 a.m. " 10 a.m.	34	50	33	44	31	24	24	248
" 10 a.m. " 12 noon	30	37	28	43	34	36	35	243
" 12 noon " 2 p.m.	24	27	30	37	40	50	28	236
" 2 p.m. " 4 p.m.	40	51	33	69	43	44	24	304
" 4 p.m. " 6 p.m.	70	48	58	49	78	59	40	402
" 6 p.m. " 8 p.m.	31	19	23	36	39	38	38	224
" 8 p.m. " 10 p.m.	10	15	21	21	25	33	21	146
" 10 p.m. " midnight	6	9	13	22	25	29	15	119
Total	284	291	284	367	374	382	285	2,267
Number of days	13	13	13	13	13	13	12	90

TABLE 5 — ROAD TRAFFIC ACCIDENTS BY FEATURES OF ROADWAYS, QUEENSLAND, MARCH QUARTER 1990

Features of roadways	Total accidents	Casualty accidents	Persons killed	Persons injured
At intersection				
Controlled by police	—	—	—	—
Controlled by traffic lights	550	190	3	240
Controlled by stop or give way sign	521	188	7	251
Other or no control	940	386	9	471
Railway level crossings				
Guarded by gates, booms, lights or other means	17	7	1	6
Unguarded	3	1	—	1
Other road features				
Steep hill	114	44	4	54
Top of hill	71	23	—	30
Bridge, culvert or causeway	63	38	2	61
Straight road	1,410	657	37	815
Bend or curve — view open	327	153	12	195
Bend or curve — view obscured	184	100	8	143
Total	4,206	1,787	83	2,267

TABLE 6 — ROAD TRAFFIC FATALITIES: BLOOD-ALCOHOL ANALYSIS (a) BY TYPE OF ROAD USER, QUEENSLAND, MARCH QUARTER 1990

Blood-alcohol analysis	Motor drivers	Motor cyclists	Pedal cyclists	Pedestrians	Passengers etc (b)	Total
No blood analysis	3	1	2	5	20	31
Negative	24	5	2	2	3	36
Positive (c)						
0.01 to 0.04	—	—	—	—	—	—
0.05 to 0.07	—	1	—	—	—	1
0.08 to 0.10	—	—	—	—	—	—
0.11 to 0.14	—	—	—	1	1	2
0.15 to 0.19	—	1	1	2	1	5
0.20 to 0.24	—	1	—	2	1	3
0.25 to 0.29	2	—	—	3	—	5
0.30 to 0.34	—	—	—	—	—	—
0.35 and above	—	—	—	—	—	—
Total positive	2	2	1	8	3	16
Total fatalities	29	8	5	15	26	83

(a) See Explanatory Notes. (b) Including passengers on motor cycles and pedal cycles, riders of animals, drivers of animal-drawn vehicles etc. (c) Grams of alcohol per 100 millilitres of blood.

TABLE 7 — ROAD USERS INVOLVED IN ROAD TRAFFIC ACCIDENTS (INCLUDING PERSONS KILLED): BREATHALYSER OR BLOOD-ALCOHOL ANALYSIS (a) BY AGE GROUP, QUEENSLAND, MARCH QUARTER 1990

Breathalyser or blood—alcohol analysis	Under 17 years	17-20 years	21-24 years	25-29 years	30-39 years	40-49 years	50 years and over	Total
Negative	—	23	10	15	16	15	16	95
Positive (b)								
0.01 to 0.04	—	7	1	—	1	—	1	10
0.05 to 0.07	—	14	6	3	2	2	—	27
0.08 to 0.10	1	9	6	1	2	—	—	21
0.11 to 0.14	—	15	15	14	14	6	4	68
0.15 to 0.19	1	27	17	10	14	9	5	83
0.20 to 0.24	1	7	9	5	11	8	3	44
0.25 to 0.29	—	—	4	4	3	2	6	19
0.30 to 0.34	—	—	—	—	1	—	2	3
0.35 and above	—	—	—	—	—	1	—	1
Total positive	3	70	58	37	48	30	21	276
All tests	3	102	68	52	64	45	37	371
Failure to supply (c)	—	1	—	2	3	—	1	7
Positive tests per 10,000 persons in each age group	—	3.9	3.2	1.6	1.1	0.8	0.3	1.0

(a) See Explanatory Notes. (b) Grams of alcohol per 100 millilitres of blood. (c) Failure to supply blood specimen or submit to breathalyser test.

EXPLANATORY NOTES

Definitions

A *road traffic accident* is an accident which was reported to the police and which followed from the movement of at least one road vehicle on a road and resulted in death or personal injury to any person, or property damage in excess of \$1,000.

2. A *road traffic accident involving casualties* is recorded when any person involved in an accident dies or is injured.

3. An *injury* is recorded when any person involved in a road traffic accident requires medical treatment.

4. A *death* is recorded when any person is killed or dies within 30 days from injuries received in an accident.

5. A *road* is any thoroughfare open to the public.

6. A *carriageway* is that part of the road normally used for vehicular traffic.

7. A *collision accident* occurs when, in the initial event, a moving road vehicle travelling along a road comes into contact with another road vehicle, a pedestrian, a parked vehicle, an object, an animal or a railway vehicle.

8. A *non-collision accident* occurs when, in the initial event, there is no collision, but death, injury or vehicle or property damage is attributable to the movement of a road vehicle on a road, e.g. a vehicle overturning or jack-knifing or a person falling from a vehicle.

Breathalyser or Blood-alcohol Analysis

9. The results of breathalyser and blood tests for alcohol carried out on road users involved in road traffic accidents are shown in this publication. Where possible, blood analysis is carried out on all road users fatally injured, while breathalyser or blood tests may be conducted on drivers and riders of vehicles who were involved, but not fatally injured, in accidents. Breathalyser tests are usually conducted only after a preliminary test (Alcotest) has indicated the presence of alcohol.

10. The number of positive tests understates the total incidence of alcohol in road traffic accidents for the following reasons: (a) accidents not reported for some time after occurrence; (b) persons too severely injured to be tested and (c) persons fatally injured and not tested because: (i) lack of facilities; (ii) victims survived 12 hours or more after the accidents; (iii) accidents of such a nature that tests were impracticable.

11. Post-mortem blood-alcohol test results can further represent an understatement of blood-alcohol concentration at the time of an accident as some victims

survived for some hours (but less than 12 hours) during which time the concentration of alcohol would have been lowered by natural processes. Furthermore, even though clear evidence might exist that the victim had taken alcohol (e.g. alcohol present in the urine), such cases are not attributed to alcohol unless the blood analysis also indicates alcohol.

12. On 20 December 1982, it became illegal for a person with a blood-alcohol concentration equal to or exceeding 0.05 grams of alcohol per 100 millilitres of blood to be in charge of a vehicle or animal on a roadway. Prior to that date the relevant concentration was 0.08 grams of alcohol per 100 millilitres of blood.

13. On 6 December 1984, it became illegal for a person under 18 years of age with a blood-alcohol concentration equal to or exceeding 0.02 grams of alcohol per 100 millilitres of blood to be in charge of a vehicle or animal on a roadway.

Related Publications

14. Users may also wish to refer to the following publication which is available on request:

Road Traffic Accidents (9406.3) - Latest issue:
1989 (\$12.50)

15. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products* (Catalogue No. 1101.0). A *Publications Advice* (Catalogue No. 1105.0) is issued on Tuesdays and Fridays which lists publications to be released in the next few days. These publications are available from any ABS Office.

Unpublished Statistics

16. The ABS can also make available certain road traffic accident statistics which are not published. Where it is not practicable to provide the required statistics by telephone, they may be available in other forms, such as photocopy, computer printout or clerically extracted tabulation. A charge will be made for providing unpublished statistics in these forms.

17. For further information on these unpublished statistics contact Greg McNamara by telephoning Brisbane (07) 222 6297, or write to Information Services, Australian Bureau of Statistics, GPO Box 9817, Brisbane Q 4001.

Symbols and Other Usages

— Nil or less than half the final digit shown.

