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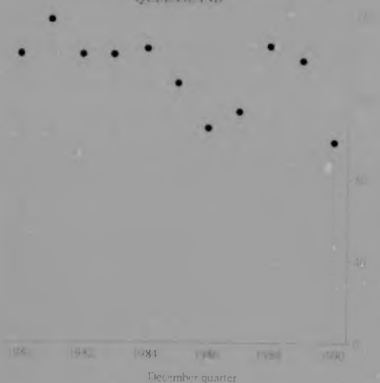
FINAL ISSUE

ROAD TRAFFIC ACCIDENTS, QUEENSLAND, DECEMBER QUARTER 1990

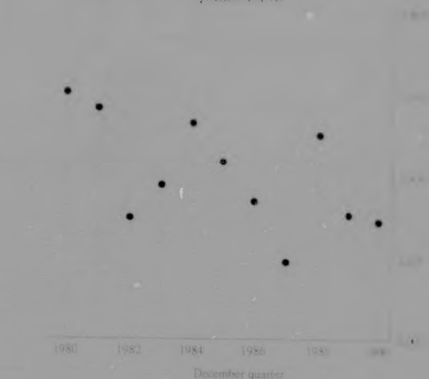
MAIN FEATURES

- There were 1,784 road traffic accidents involving casualties reported in Queensland in December quarter 1990 compared with 1,832 in December quarter 1989.
- In December quarter 1990, a total of 99 road users were killed and 2,292 were seriously injured. These figures were 28.8 and 0.7 per cent lower, respectively, than in December quarter 1989.

PERSONS KILLED IN ROAD TRAFFIC ACCIDENTS
QUEENSLAND



PERSONS SERIOUSLY 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.

This is the final issue of *Road Traffic Accidents, Queensland* (9405.3). A similar range of data will continue to be collected and will be published quarterly by the Queensland Department of Transport. Inquiries relating to future publications should be addressed to The Director, Road Safety Statistics Analysis Unit, Queensland Department of Transport, 7th Floor Capital Hill Building, 85 George Street, Brisbane Q 4000 or by telephone (07) 234 9905.

313 Adelaide Street
BRISBANE Q 4000
1 July 1991

J. K. Cornish
DEPUTY COMMONWEALTH STATISTICIAN

INQUIRIES

• for further information about statistics in this publication and the availability of related unpublished statistics, contact Alicia Swiatek on Brisbane (07) 222 6297 or any ABS State office.

• for information about other ABS statistics and services please contact Information Services on Brisbane (07) 222 6351 or any ABS State office.

TABLE 1 — ROAD TRAFFIC ACCIDENTS AND CASUALTIES, QUEENSLAND

Period	Accidents		Persons	
	Total reported	Involving casualties	Killed	Injured
Year				
1985	17,207	7,528	502	9,694
1986	16,294	7,183	481	9,337
1987	15,740	6,912	447	8,668
1988	16,879	7,301	536	9,505
1989	17,058	7,212	428	9,289
1990	17,705	7,493	596	9,643
Quarter				
1986—				
September	4,333	1,934	110	2,518
December	4,556	1,835	139	2,509
1990—				
March	4,389	1,787	83	2,287
June	4,446	1,894	98	2,473
September	4,375	2,028	119	2,611
December	4,522	1,794	99	2,592
Month				
1989—				
October	1,390	611	41	94
November	1,382	582	33	97
December	1,417	656	47	103
1990—				
January	1,598	789	52	95
February	1,534	781	54	885
March	1,498	749	57	893
April	1,312	737	57	407
May	1,479	746	59	954
June	1,621	814	66	879
July	1,605	719	51	927
August	1,654	793	59	949
September	1,481	740	49	903
October	1,460	814	59	946
November	1,413	791	58	930
December	1,469	839	58	958

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

Period	Motor drivers	Motor cyclists	Pedestrians	Tramway users	Passenger bus users	Total
PERSONS KILLED						
Year						
1985	201	70	23	22	143	469
1986	186	75	15	65	140	481
1987	165	55	14	73	133	442
1988	222	53	21	78	165	539
1989	173	48	19	88	220	548
1990	153	32	17	65	222	590
Quarter						
1986—						
September	47	10	4	15	34	110
December	61	16	9	15	38	139
1990—						
March	29	8	5	15	36	93
June	40	13	7	14	34	108
September	34	11	8	23	38	114
December	40	10	2	18	34	104

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						
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
1990	4,142	924	860	776	2,901	9,603
Quarter						
1989—						
September	1,006	251	207	215	884	2,518
December	958	236	209	180	720	2,303
1990—						
March	965	205	253	195	1,449	2,267
June	1,066	223	215	203	720	2,433
September	1,118	267	203	203	820	2,611
December	993	229	189	175	706	2,292

(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, DECEMBER 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	1
5-6	—	—	—	—	—	—	—	—	—	—	—	—
7-16	1	—	—	—	2	—	3	—	—	—	8	1
17-20	1	7	4	—	—	—	—	—	—	—	10	12
21-24	4	—	1	1	—	—	1	—	—	—	7	3
25-29	3	—	2	—	—	—	1	—	—	—	7	1
30-39	3	3	1	—	—	—	2	1	—	—	9	6
40-49	4	1	1	—	—	—	1	—	—	—	6	3
50-59	—	1	—	—	—	—	—	—	—	—	—	2
60 and over	9	3	—	—	—	—	3	—	—	—	14	8
Not stated	—	—	—	—	—	—	—	—	—	—	—	—
Total	25	15	9	1	2	—	11	2	—	—	62	37
PERSONS INJURED												
Under 5	—	—	—	—	—	—	7	1	—	—	19	13
5-6	—	—	—	—	4	—	5	1	—	—	16	12
7-16	2	1	8	—	61	15	30	20	—	—	153	122
17-20	119	85	60	7	20	7	14	3	—	—	284	180
21-24	79	60	37	3	13	4	9	6	—	—	173	103
25-29	61	47	34	2	13	1	7	2	—	—	140	82
30-39	94	82	42	3	15	2	9	11	—	—	186	141
40-49	84	61	16	—	16	2	7	3	—	—	126	93
50-59	49	47	4	3	3	—	6	5	—	—	72	74
60 and over	69	45	7	—	6	3	14	13	—	—	107	110
Not stated	2	6	3	—	2	2	—	2	—	—	34	52
Total	559	434	211	18	153	36	108	67	—	—	1,310	982

(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, DECEMBER QUARTER 1990

	Day of week							
Time of day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total
TOTAL ACCIDENTS								
From midnight up to 2 a.m.	10	11	15	14	17	35	34	126
" 2 a.m. " 4 a.m.	10	11	11	9	12	18	22	93
" 4 a.m. " 6 a.m.	10	10	5	8	10	20	16	79
" 6 a.m. " 8 a.m.	64	48	55	48	64	27	23	329
" 8 a.m. " 10 a.m.	85	83	67	74	67	64	32	472
" 10 a.m. " 12 noon	70	58	62	83	63	93	52	481
" 12 noon " 2 p.m.	84	52	53	55	74	70	55	413
" 2 p.m. " 4 p.m.	93	86	102	92	124	73	59	629
" 4 p.m. " 6 p.m.	123	113	103	105	146	69	79	738
" 6 p.m. " 8 p.m.	51	57	55	64	92	61	48	428
" 8 p.m. " 10 p.m.	24	30	35	40	72	42	37	280
" 10 p.m. " midnight	26	31	27	27	44	31	18	214
Total	620	590	590	619	785	613	465	4,282
CASUALTY ACCIDENTS								
From midnight up to 2 a.m.	4	4	6	9	9	21	9	62
" 2 a.m. " 4 a.m.	4	4	7	5	10	10	3	43
" 4 a.m. " 6 a.m.	6	5	1	2	4	5	6	29
" 6 a.m. " 8 a.m.	24	24	24	21	25	11	12	141
" 8 a.m. " 10 a.m.	32	28	20	24	28	26	19	177
" 10 a.m. " 12 noon	26	22	24	28	21	37	28	183
" 12 noon " 2 p.m.	20	22	23	19	32	30	22	168
" 2 p.m. " 4 p.m.	40	36	43	50	46	29	28	272
" 4 p.m. " 6 p.m.	49	50	41	51	52	27	41	311
" 6 p.m. " 8 p.m.	16	17	22	22	37	34	25	173
" 8 p.m. " 10 p.m.	11	15	13	18	26	16	22	121
" 10 p.m. " midnight	13	18	11	11	21	21	9	104
Total	245	245	235	260	311	267	221	1,784
PERSONS KILLED								
From midnight up to 2 a.m.	1	1	—	—	1	2	—	5
" 2 a.m. " 4 a.m.	—	—	—	—	1	2	—	3
" 4 a.m. " 6 a.m.	1	1	1	—	—	2	—	5
" 6 a.m. " 8 a.m.	—	—	2	1	1	—	1	5
" 8 a.m. " 10 a.m.	—	—	—	—	3	1	3	7
" 10 a.m. " 12 noon	1	—	—	3	—	5	3	12
" 12 noon " 2 p.m.	—	2	2	2	2	1	1	11
" 2 p.m. " 4 p.m.	5	2	1	3	6	2	—	20
" 4 p.m. " 6 p.m.	—	1	1	2	1	—	—	4
" 6 p.m. " 8 p.m.	—	2	1	2	2	1	1	8
" 8 p.m. " 10 p.m.	—	—	1	—	3	1	4	9
" 10 p.m. " midnight	—	2	2	—	2	4	—	10
Total	8	10	11	13	22	21	14	99
PERSONS INJURED								
From midnight up to 2 a.m.	3	7	6	16	13	27	11	83
" 2 a.m. " 4 a.m.	6	5	8	5	14	12	5	55
" 4 a.m. " 6 a.m.	11	4	2	2	4	4	6	33
" 6 a.m. " 8 a.m.	26	28	28	23	29	16	19	169
" 8 a.m. " 10 a.m.	40	36	27	31	36	35	27	232
" 10 a.m. " 12 noon	29	35	31	35	27	46	28	231
" 12 noon " 2 p.m.	23	34	32	25	42	39	28	223
" 2 p.m. " 4 p.m.	62	39	56	67	47	30	37	338
" 4 p.m. " 6 p.m.	59	63	48	56	71	44	57	398
" 6 p.m. " 8 p.m.	22	22	27	24	54	53	37	239
" 8 p.m. " 10 p.m.	14	18	15	20	33	26	34	160
" 10 p.m. " midnight	19	24	14	14	22	23	15	131
Total	314	315	294	318	392	355	304	2,292
Number of days	14	13	13	13	13	13	13	92

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

Features of roadways	Total accidents	Casualty accidents	Persons killed	Persons injured
At intersection				
Controlled by police	3	1	—	1
Controlled by traffic lights	543	197	6	235
Controlled by stop or give way sign	550	207	7	280
Other or no control	871	365	4	443
Railway level crossings				
Guarded by gates, boom, lights or other barriers	8	1	—	—
Unguarded	5	3	—	1
Other road features				
Sleep hill	101	28	1	—
Top of hill	71	38	—	—
Bridge, culvert or causeway	63	27	—	—
Straight road	1,514	635	—	—
Bend or curve — view open	358	174	13	100
Bend or curve — view obscured	193	92	—	—
Total	4,282	1,764	99	2,292

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

Blood-alcohol analysis	Motor drivers	Motor cyclists	Tram cyclists	Pedestrians	Passenger, private	Tram
No blood analysis	14	3	1	4	35	—
Negative	17	3	1	2	17	23
Positive (c)						
0.01 to 0.04	—	—	—	—	—	1
0.05 to 0.07	—	—	—	—	—	1
0.08 to 0.10	—	—	—	1	—	4
0.11 to 0.14	2	—	—	1	—	1
0.15 to 0.19	1	5	—	4	—	1
0.20 to 0.24	3	—	—	—	—	1
0.25 to 0.29	1	1	—	—	1	4
0.30 to 0.34	2	—	—	1	—	1
0.35 and above	—	—	—	1	—	—
Total positive	9	4	—	7	1	23
Total fatalities	40	10	2	13	34	99

(a) See Explanatory Notes. (b) Including passengers on motor cycles and pedicabs. (c) Excluding tram cyclists, drivers of commercial motor vehicles, and tram drivers of tramway vehicles.

TABLE 7 — ROAD USERS INVOLVED IN ROAD TRAFFIC ACCIDENTS (INCLUDING PERSONS KILLED): BREATHALYSER OR BLOOD-ALCOHOL ANALYSIS (a) BY AGE GROUP, QUEENSLAND, DECEMBER 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	4	25	11	7	14	1	24	92
Positive (b)								
0.01 to 0.04	2	3	1	2	1	—	—	9
0.05 to 0.07	2	4	6	1	4	2	—	19
0.08 to 0.10	2	13	6	2	4	1	—	28
0.11 to 0.14	1	25	16	6	7	4	5	64
0.15 to 0.19	—	21	12	16	22	13	5	89
0.20 to 0.24	—	8	14	9	9	4	3	47
0.25 to 0.29	—	5	3	3	5	7	2	25
0.30 to 0.34	—	—	—	2	3	2	—	7
0.35 and above	—	—	—	—	2	—	—	2
Total positive	7	79	58	41	57	33	15	290
All tests	11	104	69	48	71	40	39	382
Failure to supply (c)	—	2	—	1	5	2	—	10
Positive tests per 10,000 persons in each age group	0.1	3.8	3.1	4.7	1.3	0.9	0.2	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

1. 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 damage to vehicle or property 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 and (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 sur-

vived 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 (\$12.80)

15. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products* (1101.0). The ABS also issues the *Publications Advice* (1105.0) on Tuesdays and Fridays which lists publications to be released in the next few days. Both the *Catalogue* and the *Publications Advice* 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 Alicia Swiatek 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 rounded to zero (including null cells)

