



ROAD TRAFFIC ACCIDENTS INVOLVING CASUALTIES VICTORIA, 1986

INQUIRIES Inquiries concerning these statistics may be made by telephoning Information Services on Melbourne (03) 615 7000; for advice on the interpretation of these statistics ask for Darnley de Souza.

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EXPLANATORY NOTES

Introduction

This publication contains statistics of road traffic accidents which were reported to police and which meet the following conditions:

- (a) That the accident resulted in:
 - (i) the death of any person within a period of thirty days of the accident;
 - (ii) personal injury to the extent that the injured person was admitted to hospital; or
 - (iii) personal injury to the extent that the injured person, although not admitted to hospital, required medical treatment.
- (b) That the accident occurred on any road, street, thoroughfare, footpath, railway level crossing, or any place open to the public.
- (c) That the accident involved one or more road vehicles, which at the time of the accident were in motion, including motor cars, station wagons, utilities, panel vans, motor cycles, trucks, buses, trams and railway vehicles, pedal cycles, and ridden animals.

Source

2. The statistics in this publication are compiled from data provided by the Road Traffic Authority, which edits and verifies accident reports prepared by the Victoria Police.

Reliability

3. The determination of a casualty accident depends in many cases on the police assessment of the severity of the injuries received by persons involved. In addition, procedural and legislative changes introduced in recent years have led to fluctuations in the number of accidents included in the reporting system. This should be noted when using these statistics for the analysis of trends. For details regarding legislative changes, users are referred to the *Motor Car Act 1958* and the *Road Traffic Act 1958*.

Definitions

4. Most of the data items appearing in this publication are self-explanatory. The more important definitions are as follows:

Fatal accident. A road vehicle accident in which at least one person was killed or died within a period of 30 days as a result of the accident. Accidents in which both fatalities and injuries occur are classified as fatal accidents.

Serious injury accident. A non-fatal road vehicle accident resulting in one or more persons being admitted to hospital.

Other injury accident. A non-fatal road vehicle accident resulting in one or more persons requiring medical treatment without admission to hospital.

Unpublished tables

5. In some cases, the ABS can also provide additional information which is unpublished. In general, a charge is made.

Related publications

6. Users may also wish to refer to the following ABS publications which are available on request:

Road Traffic Accidents Involving Fatalities, Australia (9401.0) (monthly) \$2.00

Road Traffic Accidents Involving Casualties (Admissions to Hospitals), Australia (9405.0) (quarterly), \$7.50

7. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. These are available from any ABS Office.

Electronic services

9. **VIATEL** Key *656# for selected current economic, social, and demographic statistics.

AUSSTATS Thousands of up-to-date time series are available on this ABS on-line service through **CSIRONET**. For further information phone the **AUSSTATS** Help Desk on (062) 52 6017.

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Symbols and other usages

r figure or series revised since previous issue
- nil or rounded down to zero
M. S. D. Melbourne Statistical Division

Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

ERLE BOURKE

Deputy Commonwealth Statistician

Trends in road traffic accidents, 1966 to 1986

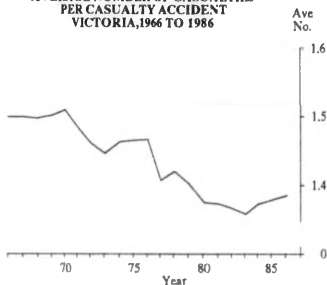
In the twenty-one year period between 1966 and 1986, 1969 marked an early peak in the number of road traffic accidents (16,500). After a gradual decline over the following three years, accidents reached their lowest level of 12,500 in 1974, a decrease of 24 per cent. Having stabilised at this level for the following two years, accidents rose in 1977 to approximately 15,000 and have since shown a gradual upward trend to reach a new peak of 16,774 in 1985 and then increasing again to 17,291 in 1986.

For the same twenty-one year period, 1970 had the highest number of casualties (24,800). Casualties followed the same trend as accidents to reach the lowest level in 1974 (18,300) a decrease of 26 per cent from 1970. For the following two years, casualties remained at this level and then gradually increased to 23,900 in 1986.

Diagram 1
CASUALTY ROAD ACCIDENTS
AND CASUALTIES
VICTORIA, 1966 TO 1986



Diagram 2
AVERAGE NUMBER OF CASUALTIES
PER CASUALTY ACCIDENT
VICTORIA, 1966 TO 1986



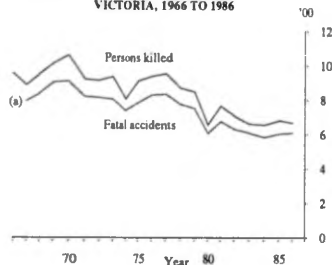
The average number of casualties per casualty accident rose from 1.50 persons in 1966 to 1.51 persons in 1970. The average then declined, with minor upward fluctuations to reach the low point of 1.36 persons in 1983 before increasing to 1.38 persons in 1986 (Diagram 2).

Road traffic accident fatality rates

In 1986, 668 persons were recorded as killed in 610 fatal road traffic accidents. This was 11 more persons killed than in 1980 and 1984, which, with 657 each, recorded the lowest figure for the 21 year period under review.

Diagram 3

**FATAL ROAD TRAFFIC ACCIDENTS
AND PERSONS KILLED
VICTORIA, 1966 TO 1986**



(a) Dissection of accidents into fatal and non-fatal is not available prior to 1967.

The gradual decline in the number of persons killed in road traffic accidents in Victoria during the twenty-one year period 1966 to 1986 becomes more apparent when it is examined in terms of movements in the size of the population and the number of motor vehicles registered. As illustrated in Diagram 4, the number of persons killed per 100,000 mean population dropped from 29.4 in 1966 to 16.0 in 1986. In terms of the number of persons killed in road traffic accidents per 10,000 motor vehicles registered, the rate declined by 66 per cent, from 9 persons in 1966 to 3 persons in 1986 (Diagram 5). In terms of the number of persons killed per 10,000 road traffic casualties, 1976 marked the highest point with 505 persons and 1986 the lowest point with 279 persons (Diagram 6).

NUMBER OF PERSONS KILLED IN ROAD TRAFFIC ACCIDENTS VICTORIA, 1986

Diagram 4

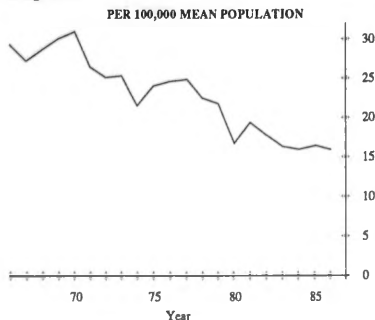


Diagram 5

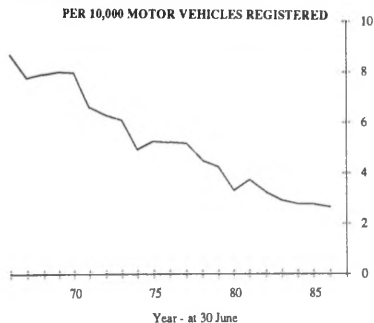


Diagram 6

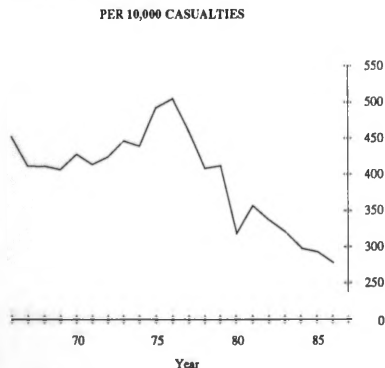
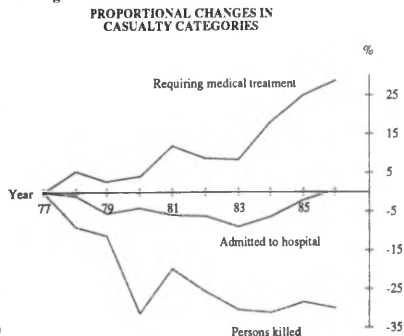


Diagram 7

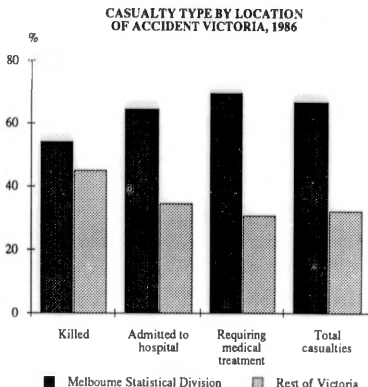


Since 1977, information relating to the number of persons injured in road traffic accidents is compiled in two major categories of persons admitted to hospital and persons requiring medical treatment. Using 1977 as the base year and plotting the three casualty categories in terms of percentage change over time, it can be observed that the number of persons killed declined as a proportion of total casualties. The number of persons admitted to hospital as a proportion of casualties declined to the year 1983, and then declined proportionately in 1984, 1985 and 1986, with 1986 showing a minute increase on the 1977 base year.

Where casualties occurred

In 1986, 69 per cent of total accidents occurred in the Melbourne Statistical Division (MSD) but only 56 per cent of fatal accidents occurred there. For road traffic casualties the MSD proportions were 67 per cent and 55 per cent of persons killed.

Diagram 8



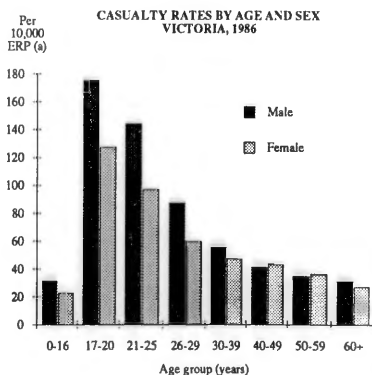
Age and sex of casualty victims

Of the 23,942 road traffic casualties recorded in 1986, males accounted for 56 per cent, a fall of 1 per cent from 1984. In contrast, of the 66.8 persons killed 71 per cent were male, the same proportion as in 1985.

The 17-20 years age group, at 30 June 1986 was 6.7 per cent of the total estimated resident population yet accounted for 18.4 per cent of casualties. The 21-25 years age group figures were 8.5 per cent and 18.4 per cent respectively. In terms of the number of casualties per 10,000 persons the 17-20 years age group stands out with 15.2 persons, compared with an average of 55 for all age groups. The 21-25 years age group recorded the second highest average of 122 persons.

The 17-20 years age group incidence of accidents for males was higher than that for females - 176 males compared with 128 females per 10,000 persons in this age group. In contrast, for the 40-49 and 50-59 years age groups the incidence of casualties for males and females is almost the same.

Diagram 9

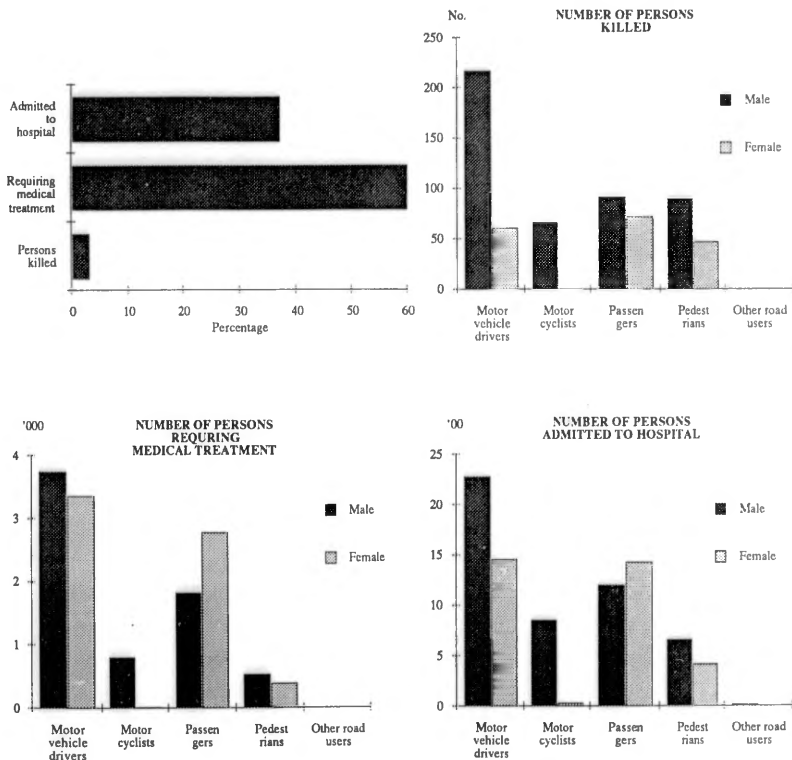


(a) Estimated resident population

Extent of injury by type of road user and sex

Of the 280 motor vehicle drivers killed in road traffic accidents in 1986, 218 were male (78 per cent). This contrasts with male drivers accounting for 61 per cent of injured drivers admitted to hospital (3,957) and 53.0 per cent of injured drivers requiring medical treatment (7,135).

Of 2,189 pedestrians, 65.5 per cent of persons killed were male (68.7 per cent in 1985), whereas for persons injured and admitted to hospital and persons injured and requiring medical treatment males accounted for 60.9 per cent and 53.0 per cent respectively (59.3 per cent and 54.1 per cent in 1985).

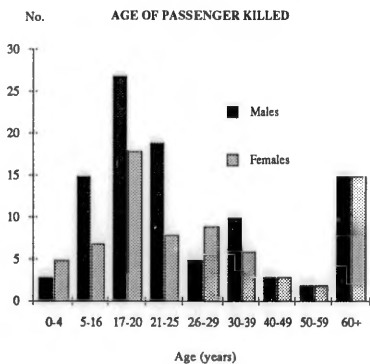
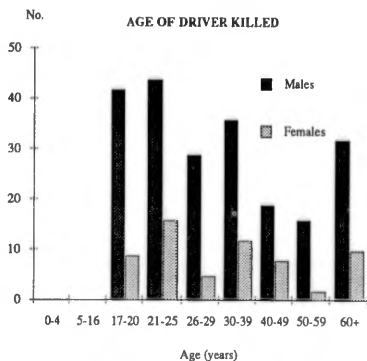
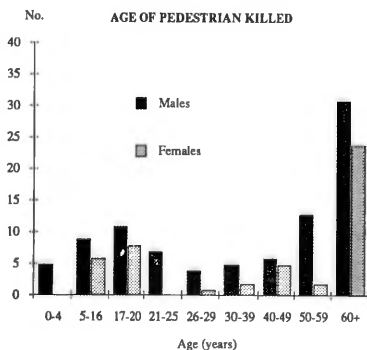
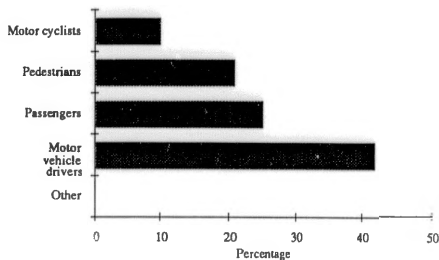
Diagram 10**EXTENT OF INJURY BY TYPE OF ROAD USER AND SEX, VICTORIA, 1986**

Type of road user killed

Of the 668 persons killed in 1986, 41.9 per cent were drivers of motor vehicles compared with 39.2 per cent in 1985. Passengers were the second largest type of road users killed (24.7 per cent), followed by pedestrians (20.8 per cent), which is the same as in 1985.

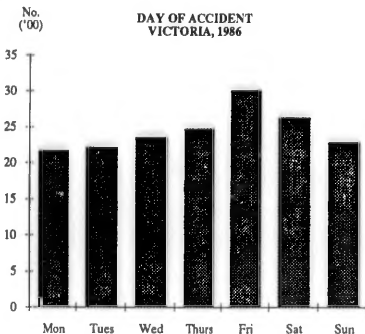
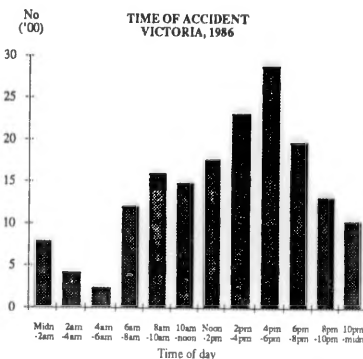
Of 280 motor vehicle drivers killed, the 21-25 years age group accounted for 21.4 per cent while the 17-20 years was the next highest group with 18.2 per cent and then the age group 30-39 years with 17.1 per cent.

Diagram 11



When accidents occurred

Of the 17,291 casualty accidents, 3,036 occurred on Fridays, compared with an average for each day of the week of 2,470. The second highest number of casualty accidents occurred on Saturdays (2,655) and the lowest number of 2,184 occurred on Mondays (Diagram 12). For Mondays to Saturdays, the period 4pm to 6pm showed the highest incidence of casualty accidents, whereas for Sundays it was the period 2pm to 4pm. The highest number of fatal accidents occurred on Saturdays (115) and the lowest on Tuesdays (60). This pattern is unchanged from 1985. In 1984 the lowest number of casualty accidents occurred on Sundays (2,100) and the lowest number of fatal accidents occurred on Wednesdays (58).

Diagram 12**Diagram 13****Blood alcohol content**

The proportion of motor vehicle drivers killed, excluding motor cyclists, with blood alcohol content above 0.05 per cent decreased from 34.4 in 1981 to the lowest point of 29.3 per cent in 1984 and has since increased to 34.6 per cent in 1986.

The proportion of motor cyclists killed with blood alcohol content above 0.05 per cent declined considerably from 37.3 per cent in 1983 to 25 per cent in 1984 and has increased since to 30.8 per cent in 1986 (Diagram 14).

Diagram 14

**PERCENTAGE OF MOTOR VEHICLE DRIVERS AND MOTOR CYCLISTS
KILLED WITH BLOOD ALCOHOL CONTENT OVER 0.05 PER CENT
VICTORIA, 1981 TO 1986**

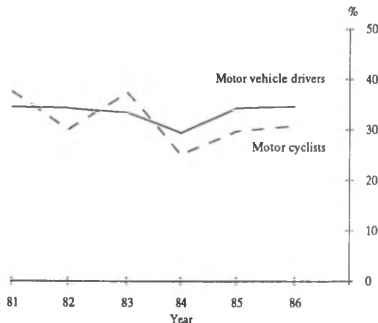


TABLE 1. ROAD TRAFFIC ACCIDENTS INVOLVING CASUALTIES, VICTORIA

Period	Accidents				Casualties			
	Fatal	Serious injury (a)	Other injury (a)	Total accidents	Persons killed	Persons admitted to hospital	Persons requiring medical treatment	Total persons
1981	677	6,450	8,492	15,619	766	8,308	12,372	21,446
1982	631	6,404	8,345	15,380	709	8,283	12,010	21,002
1983	610	6,274	8,341	15,225	664	8,039	11,969	20,672
1984	584	6,381	9,036	16,001	657	8,264	13,047	21,968
1985	605	6,616	9,553	16,774	683	8,642	13,810	23,135
1986	610	6,738	9,943	17,291	668	8,866	14,408	23,942
1986 -								
January	49	530	760	1,339	56	733	1,142	1,931
February	46	539	814	1,399	50	672	1,179	1,901
March	64	574	991	1,629	70	793	1,436	2,299
April	57	575	837	1,469	68	753	1,147	1,968
May	55	575	856	1,486	59	743	1,230	2,032
June	47	539	832	1,418	53	701	1,242	1,996
July	40	520	825	1,385	42	667	1,112	1,821
August	52	598	789	1,439	54	789	1,170	2,013
September	48	508	715	1,271	54	674	1,049	1,777
October	48	586	825	1,459	52	748	1,222	2,022
November	55	624	864	1,543	59	849	1,232	2,140
December	49	570	835	1,454	51	744	1,247	2,042

(a) See paragraph 4 of the Explanatory notes.

TABLE 2. ROAD TRAFFIC ACCIDENTS INVOLVING CASUALTIES, VICTORIA AS A PERCENTAGE OF AUSTRALIA

Particulars	Victoria as a percentage of Australia		
	1984	1985	1986
Accidents -			
Fatal	21.1	23.0	23.7
Serious injury (a)	29.7	29.3	29.7
Casualties -			
Persons killed	21.6	23.2	23.1
Persons admitted to hospital	30.1	29.5	30.4
Estimated mean resident population	26.3	26.2	26.0
Motor vehicles on register at 30 June	26.5	26.7	26.7

(a) See paragraph 4 of the Explanatory notes.

TABLE 3. NUMBER OF FATAL ACCIDENTS, INJURY ACCIDENTS, PERSONS KILLED, AND PERSONS INJURED PER 100,000 MEAN RESIDENT POPULATION AND PER 10,000 MOTOR VEHICLES REGISTERED AT 30 JUNE, VICTORIA

Particulars	1981	1982	1983	1984	1985	1986	
						Australia	Victoria
PER 100,000 MEAN RESIDENT POPULATION							
Accidents -							
Fatal	17.1	15.8	15.1	14.3	14.7	16.1	14.6
Serious injury (a)	163.3	160.4	155.4	156.5	160.5	141.6	161.8
Other injury (a)	215.0	209.0	206.6	221.6	231.8	na	238.7
Total accidents	395.4	385.2	377.1	392.4	407.0	na	415.2
Casualties -							
Persons killed	19.4	17.8	16.4	16.1	16.6	18.0	16.0
Persons admitted to hospital	210.4	207.4	199.1	202.6	209.7	182.2	212.9
Persons requiring medical treatment	313.3	300.8	296.4	319.9	335.1	na	346.0
Total casualties	543.0	526.0	512.0	538.7	561.4	na	574.9
PER 10,000 MOTOR VEHICLES REGISTERED AT 30 JUNE							
Accidents -							
Fatal	3.3	2.8	2.7	2.5	2.5	2.8	2.5
Serious injury (a)	31.7	28.5	27.8	r27.2	27.1	24.4	27.2
Other injury (a)	41.7	37.1	36.9	r38.6	39.2	na	40.1
Total accidents	76.7	68.4	67.4	r68.3	68.8	na	69.8
Casualties -							
Persons killed	3.8	3.2	2.9	r2.8	2.8	3.1	2.7
Persons admitted to hospital	40.8	36.8	35.6	r35.3	35.5	31.4	35.8
Persons requiring medical treatment	60.8	53.4	53.0	r55.7	56.7	na	58.2
Total casualties	105.3	93.4	91.6	r93.8	94.9	na	96.7

(a) See paragraph 4 of the Explanatory notes.

**TABLE 4. ROAD TRAFFIC ACCIDENTS INVOLVING CASUALTIES
BY STATISTICAL DIVISION, VICTORIA, 1986**

Statistical Division	Accidents				Casualties			
	Fatal	Serious injury (a)	Other injury (a)	Total accidents	Persons killed	Persons admitted to hospital	Persons requiring medical treatment	Total persons
Melbourne	339	4,490	7,090	11,919	364	5,759	9,957	16,080
Barwon	23	296	499	818	25	419	722	1,166
South Western	11	186	193	390	14	259	276	549
Central Highlands	31	245	358	634	37	324	568	929
Wimmera	10	89	88	187	12	115	133	260
Northern Mallee	17	123	176	316	18	178	287	483
Loddon-Campaspe	34	291	347	672	35	414	583	1,032
Goulburn	61	363	341	765	73	524	617	1,214
North Eastern	25	167	195	387	28	229	268	525
East Gippsland	11	134	156	301	12	175	238	425
Central Gippsland	34	245	350	629	35	318	531	884
East Central	14	109	150	273	15	152	228	395
Total Victoria	610	6,738	9,943	17,291	668	8,866	14,408	23,942

(a) See paragraph 4 of the Explanatory notes.

TABLE 5. ROAD TRAFFIC CASUALTIES BY AGE GROUP AND SEX, VICTORIA

Year	Age group (in years)									
	0-4	5-16	17-20	21-25	26-29	30-39	40-49	50-59	60 and over	Not stated
MALES										
1981	265	1,544	2,876	2,274	1,008	1,507	890	733	820	662
1982	270	1,553	2,735	2,418	1,140	1,456	884	688	825	611
1983	231	1,524	2,540	2,244	1,027	1,509	823	665	790	649
1984	260	1,570	2,443	2,397	1,093	1,614	906	701	921	616
1985	228	1,453	2,494	2,494	1,236	1,764	988	725	920	638
1986	251	1,546	2,620	2,677	1,267	1,922	1,057	755	967	461
FEMALES										
1981	215	1,057	1,503	1,399	667	1,230	842	681	850	423
1982	190	1,044	1,461	1,322	602	1,175	714	666	851	397
1983	181	1,031	1,432	1,403	648	1,273	750	651	851	450
1984	173	1,055	1,631	1,524	716	1,381	869	677	908	513
1985	209	1,082	1,612	1,750	841	1,485	971	752	976	517
1986	207	1,074	1,794	1,732	847	1,607	1,063	732	1,060	303
PERSONS										
1981	480	2,601	4,379	3,673	1,675	2,737	1,732	1,414	1,670	1,085
1982	460	2,597	4,196	3,740	1,742	2,631	1,598	1,354	1,676	1,008
1983	412	2,555	3,972	3,647	1,675	2,782	1,573	1,316	1,641	1,099
1984	433	2,625	4,074	3,921	1,809	2,995	1,775	1,378	1,829	1,129
1985	437	2,535	4,106	4,244	2,077	3,249	1,959	1,477	1,896	1,155
1986	458	2,620	4,414	4,409	2,114	3,529	2,120	1,487	2,027	764

TABLE 6. ROAD TRAFFIC CASUALTIES BY EXTENT OF INJURY
AND TYPE OF ROAD USER, VICTORIA

Year	Drivers of motor vehicles	Motor cyclists	Pedal cyclists	Passengers of motor vehicles (including motor cycles)	Pedestrians	Other	Males	Females	Total Persons
PERSONS KILLED									
1981	279	64	37	207	177	2	540	226	766
1982	263	80	26	189	148	3	514	195	709
1983	270	67	30	146	148	3	472	192	664
1984	246	68	28	174	139	2	468	189	657
1985	268	64	26	188	134	3	483	200	683
1986	280	67	16	165	139	1	484	184	668
PERSONS INJURED AND ADMITTED TO HOSPITAL									
1981	3,220	1,016	454	2,536	1,036	46	5,243	3,065	8,308
1982	3,228	1,141	458	2,365	1,054	37	5,382	2,901	8,283
1983	3,055	1,095	491	2,338	1,024	36	5,068	2,971	8,039
1984	3,271	1,014	481	2,385	1,077	36	5,123	3,141	8,264
1985	3,509	949	470	2,569	1,124	21	5,251	3,391	8,642
1986	3,759	909	400	2,658	1,095	45	5,396	3,470	8,866
PERSONS INJURED REQUIRING MEDICAL TREATMENT									
1981	5,513	929	659	4,226	974	71	6,796	5,576	12,372
1982	5,343	1,014	728	3,948	906	71	6,684	5,326	12,010
1983	5,444	966	687	3,891	934	47	6,462	5,507	11,969
1984	6,234	887	754	4,220	913	39	6,930	6,117	13,047
1985	6,784	883	749	4,404	933	57	7,206	6,604	13,810
1986	7,135	850	790	4,635	955	43	7,643	6,765	14,408
TOTAL CASUALTIES									
1981	9,012	2,009	1,150	6,969	2,187	119	12,579	8,867	21,446
1982	8,834	2,235	1,212	6,502	2,108	111	12,580	8,422	21,002
1983	8,769	2,128	1,208	6,375	2,106	86	12,002	8,670	20,672
1984	9,751	1,969	1,263	6,779	2,129	77	12,521	9,447	21,968
1985	10,561	1,896	1,245	7,161	2,191	81	12,940	10,195	23,135
1986	11,174	1,826	1,206	7,458	2,189	89	13,523	10,419	23,942

**TABLE 7. ROAD TRAFFIC ACCIDENTS INVOLVING CASUALTIES BY NATURE OF ACCIDENT,
VICTORIA, 1986**

Nature of accident	Accidents				Casualties			
	Fatal	Serious injury (a)	Other injury (a)	Total accidents	Persons killed	Persons admitted to hospital	Persons requiring medical treatment	Total persons
Vehicle to vehicle collisions on carriageway -								
Vehicles in traffic	235	3,449	6,575	10,259	263	4,801	9,883	14,947
Vehicle parked	17	218	276	511	19	274	370	663
Single vehicle accidents on carriageway -								
Collision -								
Struck pedestrian	136	985	853	1,974	136	1,039	925	2,100
Struck animal (not ridden)	4	41	77	122	5	44	96	145
Struck object	1	34	32	67	1	37	34	72
Non collision -								
Overtaken	7	54	64	125	8	75	109	192
Fall from moving vehicle	2	50	60	112	2	51	65	118
Ran off carriageway and -								
Struck pedestrian	3	24	33	60	3	26	39	68
Struck vehicle	-	13	38	51	-	15	41	56
Struck animal (not ridden)	1	-	-	1	1	1	-	2
Struck object	174	1,297	1,155	2,626	200	1,793	1,770	3,763
No object struck	24	422	504	950	24	550	776	1,350
Other accident	6	151	276	433	6	160	300	466
Total	610	6,738	9,943	17,291	668	8,866	14,408	23,942

(a) See paragraph 4 of the Explanatory notes.

TABLE 8. ROAD TRAFFIC CASUALTIES: EXTENT OF INJURY BY TYPE OF ROAD USER, AGE GROUP, AND SEX, VICTORIA, 1986

Age group (in years)	Males			Females			Persons		
	Killed	Admitted to hospital	Requiring medical treatment	Killed	Admitted to hospital	Requiring medical treatment	Killed	Admitted to hospital	Requiring medical treatment
DRIVERS OF MOTOR VEHICLES									
0-4	-	-	-	-	-	-	-	-	-
5-16	-	17	11	-	2	4	-	19	15
17-20	42	422	643	9	263	551	51	685	1,194
21-25	44	473	798	16	320	727	60	793	1,525
26-29	29	236	446	5	147	389	34	383	835
30-39	36	450	710	12	295	746	48	745	1,456
40-49	19	240	448	8	179	423	27	419	871
50-59	16	151	315	2	96	238	18	247	553
60 and over	32	220	307	10	135	233	42	355	540
Not stated	-	81	86	-	32	60	-	113	146
Total	218	2,290	3,764	62	1,469	3,371	280	3,759	7,135
MOTOR CYCLISTS									
0-4	-	-	-	-	-	-	-	-	-
5-16	3	30	8	-	-	-	3	30	8
17-20	22	221	221	-	14	10	22	235	231
21-25	25	286	275	-	13	12	25	299	287
26-29	6	125	124	-	8	4	6	133	128
30-39	7	125	115	-	6	5	7	131	120
40-49	3	31	37	-	-	-	3	31	37
50-59	1	12	15	-	1	2	1	13	17
60 and over	-	7	4	-	2	-	-	9	4
Not stated	-	27	17	-	1	1	-	28	18
Total	67	864	816	-	45	34	67	909	850
PEDAL CYCLISTS									
0-4	-	2	2	-	-	-	-	2	2
5-16	7	174	318	1	36	67	8	210	385
17-20	1	26	89	-	8	26	1	34	115
21-25	-	25	47	-	7	14	-	32	61
26-29	1	9	39	-	3	6	1	12	45
30-39	2	24	55	-	5	7	2	29	62
40-49	-	11	23	-	4	5	-	15	28
50-59	3	8	16	-	3	4	3	11	20
60 and over	1	12	30	-	4	7	1	16	37
Not stated	-	33	30	-	6	5	-	39	35
Total	15	324	649	1	76	141	16	400	790
PASSENGERS OF MOTOR VEHICLES (INCLUDING MOTOR CYCLES)									
0-4	3	56	122	5	57	117	8	113	239
5-16	14	239	395	7	243	464	21	482	859
17-20	27	327	436	18	287	535	45	614	971
21-25	19	217	333	8	175	383	27	392	716
26-29	5	70	108	9	78	155	14	148	263
30-39	10	111	148	6	143	303	16	254	451
40-49	3	52	80	3	117	259	6	169	339
50-59	3	35	75	2	91	233	5	126	308
60 and over	8	55	72	15	183	262	23	238	334
Not stated	-	54	68	-	68	87	-	122	155
Total	92	1,216	1,837	73	1,442	2,798	165	2,658	4,635

TABLE 8. ROAD TRAFFIC CASUALTIES: EXTENT OF INJURY BY TYPE OF ROAD USER, AGE GROUP, AND SEX, VICTORIA, 1986 - continued

Age group (in years)	Males			Females			Persons		
		Admitted to	Requiring		Admitted	Requiring		Admitted	Requiring
	Killed	hospital	medical treatment	Killed	hospital	medical treatment	Killed	hospital	medical treatment
PEDESTRIANS									
0- 4	5	30	30	-	15	13	5	45	43
5-16	9	164	143	6	111	124	15	275	267
17-20	11	85	42	8	34	30	19	119	72
21-25	7	67	56	-	26	30	7	93	86
26-29	4	32	28	1	24	18	5	56	46
30-39	5	56	58	2	29	44	7	85	102
40-49	6	57	43	5	28	29	11	85	72
50-59	13	53	35	2	26	32	15	79	67
60 and over	31	95	89	24	109	70	55	204	159
Not stated	-	30	24	-	24	17	-	54	41
Total	91	669	548	48	426	407	139	1,095	955
ALL OTHERS									
0- 4	-	1	-	-	-	-	-	1	-
5-16	1	7	6	-	4	5	1	11	11
17-20	-	1	4	-	-	1	-	1	5
21-25	-	3	2	-	-	1	-	3	3
26-29	-	2	3	-	-	-	-	2	3
30-39	-	6	4	-	3	1	-	9	5
40-49	-	1	3	-	2	1	-	3	4
50-59	-	2	2	-	-	-	-	2	2
60 and over	-	2	2	-	2	4	-	4	6
Not stated	-	8	3	-	1	1	-	9	4
Total	1	33	29	-	12	14	1	45	43
ALL ROAD USERS									
0- 4	8	89	154	5	72	130	13	161	284
5-16	34	631	881	14	396	664	48	1,027	1,545
17-20	103	1,082	1,435	35	606	1,153	138	1,688	2,588
21-25	95	1,071	1,511	24	541	1,167	119	1,612	2,678
26-29	45	474	748	15	260	572	60	734	1,320
30-39	60	772	1,090	20	481	1,106	80	1,253	2,196
40-49	31	392	634	16	330	717	47	722	1,351
50-59	36	261	458	6	217	509	42	478	967
60 and over	72	391	504	49	435	576	121	826	1,080
Not stated	-	233	228	-	132	171	-	365	399
Total	484	5,396	7,643	184	3,470	6,765	668	8,866	14,408

TABLE 9. ROAD TRAFFIC ACCIDENTS INVOLVING CASUALTIES BY TYPE AND FEATURES OF ROADWAY, VICTORIA, 1986

Features of Roadway	Accidents				Casualties			
	Fatal	Serious injury (a)	Other injury (a)	Total accidents	Persons killed	Persons admitted to hospital	Persons requiring medical treatment	Total persons
At intersection -								
Cross intersection	108	1,618	2,909	4,635	113	2,178	4,360	6,651
T intersection	84	1,423	2,399	3,906	90	1,786	3,322	5,198
Y intersection	1	40	75	116	1	52	117	170
Multiple intersection	3	137	240	380	3	187	359	549
Total at intersection	196	3,218	5,623	9,037	207	4,203	8,158	12,568
Road character (b) at intersection -								
Straight	187	3,092	5,435	8,714	197	4,039	7,893	12,129
Curve	9	123	184	316	10	160	260	430
Divided road	40	639	1,117	1,796	42	871	1,672	2,585
Roundabout	-	-	1	1	-	-	1	1
Driveway or crossover	-	42	94	136	-	47	127	174
Roadworks	-	6	8	14	-	7	9	16
Railway level crossing	-	13	44	57	-	13	60	73
Not at intersection	414	3,520	4,320	8,254	461	4,663	6,250	11,374
Road character (b) not at intersection -								
Straight	315	2,744	3,497	6,556	349	3,535	4,892	8,776
Curve	99	773	817	1,689	112	1,125	1,350	2,587
Divided road	51	330	450	831	55	425	614	1,094
Median opening	-	15	22	37	-	16	26	42
Roundabout	1	5	5	11	1	8	7	16
Driveway or crossover	8	200	404	612	9	244	530	783
Roadworks	-	20	27	47	-	23	43	66
Railway level crossing	3	17	29	49	4	20	40	64
Total accidents	610	6,738	9,943	17,291	668	8,866	14,408	23,942

(a) See paragraph 4 of the Explanatory notes. (b) The road character at the site of an accident which can be a combination of one or more of the following characteristics.

TABLE 10. ROAD TRAFFIC ACCIDENTS INVOLVING CASUALTIES BY
TIME AND DAY OF OCCURRENCE, VICTORIA, 1986

Time of day	Day of week							Total	Per cent
	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.		
FATAL ACCIDENTS									
After midnight to 2 a.m.	5	3	8	10	3	16	21	66	10.8
After 2 a.m. to 4 a.m.	1	-	1	2	3	9	11	27	4.4
After 4 a.m. to 6 a.m.	1	2	3	4	2	3	3	18	3.0
After 6 a.m. to 8 a.m.	7	6	5	6	7	8	4	43	7.0
After 8 a.m. to 10 a.m.	1	6	10	3	3	2	3	28	4.6
After 10 a.m. to 12 noon	4	8	8	8	10	9	6	53	8.7
After 12 noon to 2 p.m.	9	7	5	9	3	7	9	49	8.0
After 2 p.m. to 4 p.m.	9	2	7	6	10	11	11	56	9.2
After 4 p.m. to 6 p.m.	8	11	7	6	14	8	10	64	10.5
After 6 p.m. to 8 p.m.	5	4	13	9	13	16	17	77	12.6
After 8 p.m. to 10 p.m.	7	7	9	8	10	10	13	64	10.5
After 10 p.m. to midnight	7	4	8	10	17	16	3	65	10.7
Not stated	-	-	-	-	-	-	-	-	-
Total	64	60	84	81	95	115	111	610	100.0
Per cent	10.5	9.8	13.8	13.3	15.6	18.8	18.2	100.0	100.0
SERIOUS INJURY ACCIDENTS (a)									
After midnight to 2 a.m.	21	23	25	29	65	101	107	371	5.5
After 2 a.m. to 4 a.m.	11	8	17	24	31	61	66	218	3.2
After 4 a.m. to 6 a.m.	7	13	13	13	14	25	30	115	1.7
After 6 a.m. to 8 a.m.	64	76	80	75	84	41	38	458	6.8
After 8 a.m. to 10 a.m.	106	98	81	96	88	66	28	563	8.4
After 10 a.m. to 12 noon	77	58	70	70	70	104	77	526	7.8
After 12 noon to 2 p.m.	88	75	85	88	93	107	103	639	9.5
After 2 p.m. to 4 p.m.	100	104	134	132	131	122	119	842	12.5
After 4 p.m. to 6 p.m.	157	148	175	161	188	151	124	1,104	16.4
After 6 p.m. to 8 p.m.	91	79	85	114	181	137	95	782	11.6
After 8 p.m. to 10 p.m.	58	55	64	90	116	122	85	590	8.8
After 10 p.m. to midnight	46	60	53	67	106	117	46	495	7.3
Not stated	8	3	7	5	6	6	-	35	0.5
Total	834	800	889	964	1,173	1,160	918	6,738	100.0
Per cent	12.4	11.9	13.2	14.3	17.4	17.2	13.6	100.0	100.0
OTHER INJURY ACCIDENTS (a)									
After midnight to 2 a.m.	27	20	41	32	52	78	115	365	3.7
After 2 a.m. to 4 a.m.	6	6	8	15	16	62	76	189	1.9
After 4 a.m. to 6 a.m.	17	17	11	13	19	25	20	122	1.2
After 6 a.m. to 8 a.m.	100	140	126	126	138	53	36	719	7.2
After 8 a.m. to 10 a.m.	177	176	174	152	191	92	64	1,026	10.3
After 10 a.m. to 12 noon	113	133	107	125	139	180	126	923	9.3
After 12 noon to 2 p.m.	144	135	142	161	177	183	152	1,094	11.0
After 2 p.m. to 4 p.m.	198	210	199	195	264	168	198	1,432	14.4
After 4 p.m. to 6 p.m.	262	261	280	276	298	169	190	1,736	17.5
After 6 p.m. to 8 p.m.	127	150	159	159	214	170	154	1,133	11.4
After 8 p.m. to 10 p.m.	75	73	84	105	153	106	80	676	6.8
After 10 p.m. to midnight	37	49	64	84	103	90	65	492	4.9
Not stated	3	5	6	10	4	4	4	36	0.4
Total	1,286	1,375	1,401	1,453	1,768	1,380	1,280	9,943	100.0
Per cent	12.9	13.8	14.1	14.6	17.8	13.9	12.9	100.0	100.0

For footnote see end of table.

TABLE 10. ROAD TRAFFIC ACCIDENTS INVOLVING CASUALTIES BY TIME AND DAY OF OCCURRENCE, VICTORIA, 1986 - continued

Time of day	Day of week							Total	Per cent
	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.		
TOTAL ACCIDENTS									
After midnight to 2 a.m.	53	46	74	71	120	195	243	802	4.6
After 2 a.m. to 4 a.m.	18	14	26	41	50	132	153	434	2.5
After 4 a.m. to 6 a.m.	25	32	27	30	35	53	53	255	1.5
After 6 a.m. to 8 a.m.	171	222	211	207	229	102	78	1,220	7.1
After 8 a.m. to 10 a.m.	284	280	265	251	282	160	95	1,617	9.3
After 10 a.m. to 12 noon	194	199	185	203	219	293	209	1,502	8.7
After 12 noon to 2 p.m.	241	217	232	258	273	297	264	1,782	10.3
After 2 p.m. to 4 p.m.	307	316	340	333	405	301	328	2,330	13.5
After 4 p.m. to 6 p.m.	427	420	462	443	500	328	324	2,904	16.8
After 6 p.m. to 8 p.m.	223	233	257	282	408	323	266	1,992	11.5
After 8 p.m. to 10 p.m.	140	135	157	203	279	238	178	1,330	7.7
After 10 p.m. to midnight	90	113	125	161	226	223	114	1,052	6.1
Not stated	11	8	13	15	10	10	4	71	0.4
Total	2,184	2,235	2,374	2,498	3,036	2,655	2,309	17,291	100
Per cent	12.6	12.9	13.7	14.4	17.6	15.4	13.4	100	100

(a) See paragraph 4 of the Explanatory notes.

TABLE 11. BLOOD ALCOHOL CONTENT OF MOTOR VEHICLE DRIVERS KILLED, VICTORIA, 1981 TO 1986

Blood alcohol content	1981	1982	1983	1984	1985	1986
DRIVERS OF MOTOR VEHICLES						
Nil	147	134	146	136	133	130
0.001 to 0.05	15	14	10	8	14	23
0.051 to 0.15	40	31	34	21	35	26
Over 0.15	56	59	56	52	58	71
Not known	21	25	24	32	31	30
Total	279	263	270	249	271	280
MOTOR CYCLISTS						
Nil	33	43	32	41	31	31
0.001 to 0.05	4	5	7	2	7	6
0.051 to 0.15	17	9	12	8	7	8
Over 0.15	7	15	13	9	12	13
Not known	3	8	3	8	7	10
Total	64	80	67	68	64	68
TOTAL DRIVERS OF MOTOR VEHICLES (INCLUDING MOTOR CYCLES)						
Nil	180	177	178	177	164	161
0.001 to 0.05	19	19	17	10	21	29
0.051 to 0.15	57	40	46	29	42	34
Over 0.15	63	74	69	61	70	84
Not known	24	33	27	40	38	40
Total	343	343	337	317	335	348