

4. Motor cyclists

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Motor cyclists: summary of results

- . female motor cyclists have half the fatality rate of males although this was not statistically significant because of the small number of female motor cyclists [p125 ¶3]

For male motor cyclists:

- . fatality rates are generally higher for young motor cyclists
 - but the variation with age differs between day and night times [p125 ¶4-6, F4.2, T4A]
- . overall, motor cycling is more risky at night than during the day [p125 ¶5-6]
 - but fatality rates during the day are highest for young motor cyclists [p126 ¶2, F4.2]
 - fatality rates during the night are highest for males aged 25-30 years [p126 ¶3, F4.2]
- . weekend fatality rates are 2.6 times those during the week [p135 ¶1]
- . the fatality rate in Winter is about 40% of that in the other seasons [p143 ¶1]
- . although fatality rates vary 6-fold between the States and Territories, this variation is not statistically significant [p151 ¶1, T4B]
- . fatality rates are similar during the holiday and non-holiday periods [p159]
- . all of the above results for the rate per distance travelled hold also for the rate per time spent travelling and the rate per number of trips
 - except for State, although it is still not statistically significant [p125 ¶2, p126 ¶4, p135 ¶2, p143 ¶2, p151 ¶2, p159]
- . there are some differences in the results for the rate per person per year
 - the fatality rate for females is only 5% that for males [p125 ¶3]
 - the relative risks of the youngest and oldest age groups compared with the middle age groups are underestimated [p126 ¶4]
 - the day-night difference is less [p126 ¶4]
 - the weekend rate is only 1.4 times that for the rest of the week [p135 [2]
 - variation with season is not statistically significant [p143 ¶2]

Figure 4.1

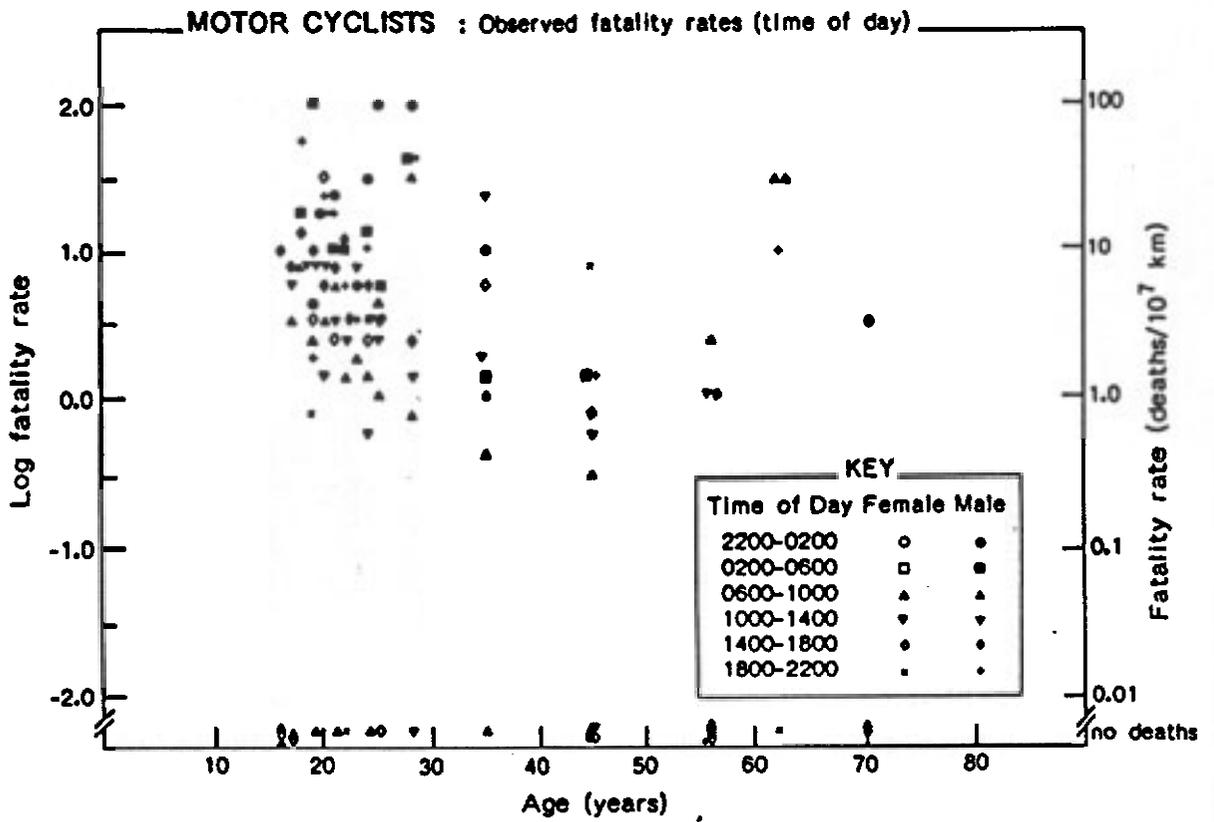
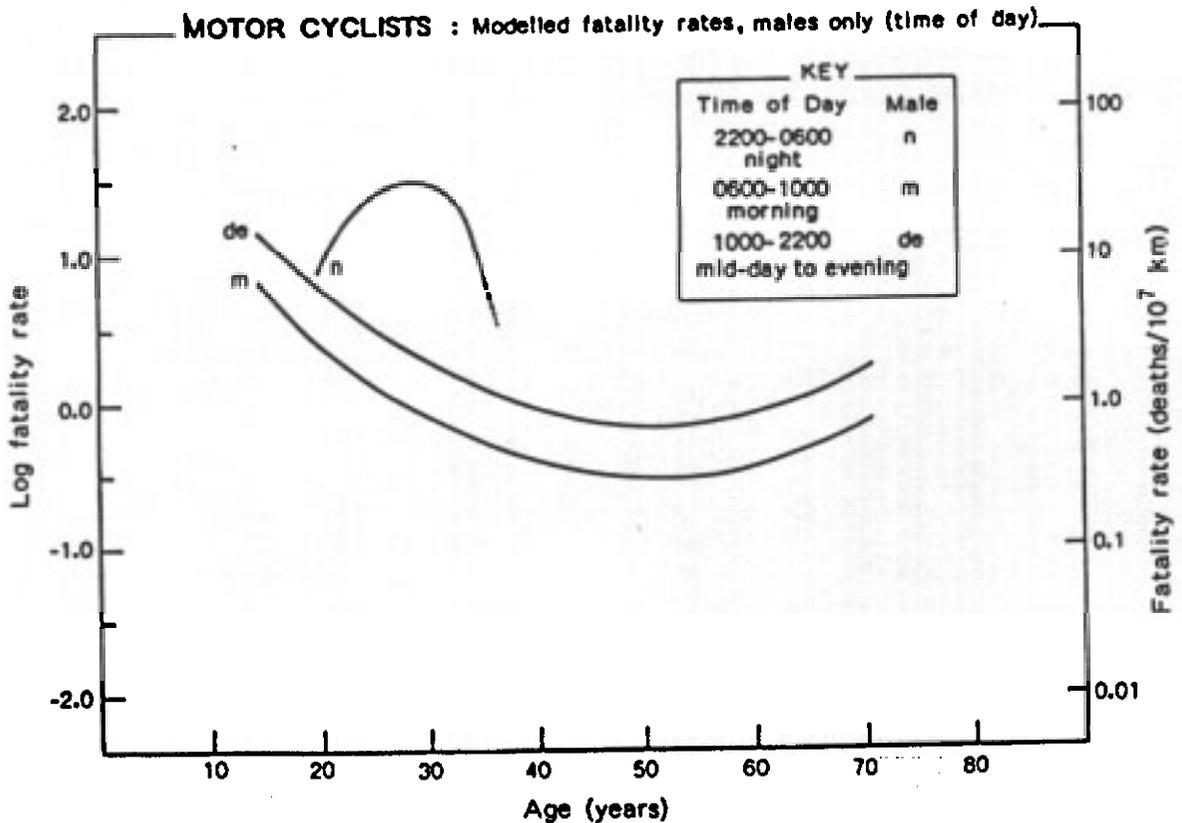


Figure 4.2



4. Motor cyclists

4.0 Age and sex variation in fatality rates

Motor cyclists, including pillion passengers, were divided into the same age groups as car drivers and passengers (9-15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26-29, 30-39, 40-49, 50-59, 60-64, and 65 and above). As for car drivers, the 9 to 15 age group was excluded from the analysis.

The mean distances travelled by motor cyclists were, of course, much less than those travelled by car drivers, as far fewer people ride motor cycles than drive cars. In particular, very few females in the population are motor cyclists, and very few data were collected for them in the Day-to-Day Travel Survey. This means that travel information was not available for females for many of the cells in the tables. Further, the absolute number of fatalities for females was only 5% of that for males. (Since there are approximately equal numbers of males and females in the population the fatality rate per person per day is also estimated as being 5% of that for males. This estimate using population as the at-risk measure does not control for the large difference between the sexes in the amount of motor cycle travel undertaken.) Accordingly, only the data for male motor cyclists were analysed in detail.

Overall, female motor cyclists had a fatality rate of half that of males, but this difference was not statistically significant (F statistic, for 1 and 103 df, = 3.2, $p > 0.05$; 95% confidence interval for the relative rate of 0.2 to 1.2). For each sex, the overall mean fatality rates of motor cyclists were 19 times those of car drivers.

The fatality rates for male motor cyclists were generally higher for young adults than for older adults (Table 4.1c; Figures 4.1 and 4.2).

4.1 Time of day

On the basis of the pattern of fatality rates, the day was divided into three parts. These were morning (0600-1000), late morning to evening (three periods from 1000-2200) and late night (two periods covering 2200-0600). Overall, the late night period had the greatest fatality rates.

The pattern of the fatality rates with age was different for late night and day (Figures 4.1 and 4.2; F statistic for differing age squared terms for night and day, for 1 and 70 df, = 10.9, $0.001 < p < 0.01$). Although, the effect of time of day was highly significant, it was not as dramatic as for car drivers and passengers.

The model graphed in Figure 4.2 gives the following estimates:

Age	Day		Late night
	0600-1000	1000-2200	2200-0600
17	4	10	
20	3	6	9
25	1	3	27
30	0.8	2	13
45	0.3	0.8	
60	0.4	0.9	

The day (0600-2200) rates had a maximum for young adults, dropping to a minimum between ages 40 and 60, before rising again in the oldest age groups. (F statistic for age squared term, for 1 and 70 df, = 6.6, 0.01 < p < 0.05; F statistic for age cubed term, for 1 and 70 df, = 0.0, p > 0.05). The rates for the morning (0600-1000) were 40% of those for the late morning to evening (1000-2200).

For the late night period (2200-0600), the fatality rate increased from age 16 to a peak at ages 25 to 30 before it decreased to a minimum at about age 50 (F statistic for age squared term, for 1 and 70 df, = 15, p < 0.001; F statistic for age-cubed term = 0.2, p > 0.05). However below age 19 and above age 40, there were too few motor cyclists recorded in the Day-to-Day Travel Survey for the rates to be reliably estimated. This description of the pattern of rates at night is tentative because the number of survey respondents who rode motor cycles at night was small, particularly in the youngest and oldest age groups. However, it is clear that the night fatality rate for young riders was particularly high and that it probably decreases after age 30 or so. The night time risk was greater than the daytime risk for all ages for which the former could be reliably estimated.

This pattern of variation in fatality rates was similar when the rates were expressed per kilometre of travel, per hour spent travelling and per trip. However, using rates per person per year underestimates the relative risk of night compared with day, and of the oldest and youngest age groups compared to those in between. This is because the majority of motor cycle riding is done by males aged 19 to 39 during the day.

Table 4.1a. Motor cycle riders (including pillion passengers):
Number of fatalities in 1984-85 in Australia
classified by age, sex and time of day.

	2200 -0200	0200 -0600	0600 -1000	1000 -1400	1400 -1800	1800 -2200	Total	Persons ('000)
Males								
9-15	0	0	1	4	3	2	10	962
16	5	0	0	3	2	5	15	157
17	6	2	8	5	9	9	39	143
18	7	4	6	9	12	12	50	132
19	25	5	4	4	18	14	70	115
20	9	2	12	12	21	14	70	116
21	11	2	10	8	21	18	70	121
22	8	2	8	6	22	11	57	107
23	6	5	4	5	17	10	47	125
24	12	3	5	7	17	12	56	114
25	6	1	4	4	10	5	30	117
26-29	21	5	10	9	29	15	89	457
30-39	9	3	7	16	31	16	82	1043
40-49	0	1	3	1	8	1	14	848
50-59	1	0	4	2	3	0	10	692
60-64	0	0	1	0	0	1	2	347
65+	0	0	0	0	1	0	1	601
Total	126	35	87	95	224	145	712	6197
Females								
9-15	0	0	1	1	1	1	4	913
16	0	0	0	0	0	0	0	138
17	0	0	0	0	0	1	1	136
18	0	0	0	0	0	0	0	124
19	0	1	0	1	1	1	4	105
20	0	0	0	1	2	1	4	112
21	0	0	0	1	1	1	3	111
22	2	0	0	0	1	0	3	110
23	0	0	0	0	0	1	1	113
24	0	0	0	1	1	1	3	113
25	0	0	1	0	0	0	1	118
26-29	0	0	2	0	0	1	3	501
30-39	1	0	0	1	2	2	6	1056
40-49	0	1	0	0	0	1	2	769
50-59	0	0	0	0	0	0	0	689
60-64	0	0	1	0	0	0	1	357
65+	0	0	0	0	0	0	0	828
Total	3	2	5	6	9	11	37	6291

Source: FORS Fatal File 1984-85

Table 4.1b. Motor cycle riders, including pillion passengers
(Australia, 1985-86):
Average distance travelled (km) per person per day
classified by age, sex and time of day.

	2200 -0200	0200 -0600	0600 -1000	1000 -1400	1400 -1800	1800 -2200	Total	Persons ('000)
Males								
9-15	.01	.00	.00	.00	.00	.01	.03	962
16	.00	.00	.02	.00	.02	.00	.04	157
17	.00	.00	.25	.08	.12	.00	.46	143
18	.00	.02	.08	.12	.09	.02	.33	132
19	.67	.01	.23	.07	.22	.85	2.05	115
20	.07	.00	.41	.19	.46	.08	1.20	116
21	.05	.02	.20	.25	.30	.12	.95	121
22	.00	.03	.84	.31	.32	.24	1.74	107
23	.13	.00	.25	.08	.60	.36	1.42	125
24	.05	.03	.46	.27	.36	.15	1.31	114
25	.01	.02	.50	.19	.39	.16	1.28	117
26-29	.01	.00	.35	.22	.35	.10	1.03	457
30-39	.01	.03	.24	.13	.38	.11	.90	1043
40-49	.00	.01	.14	.03	.16	.01	.36	848
50-59	.00	.01	.03	.04	.05	.05	.18	692
60-64	.00	.00	.00	.00	.00	.00	.01	347
65+	.00	.00	.01	.03	.01	.00	.04	601
Mean	.02	.01	.15	.08	.17	.07	.51	6197
Females								
9-15	.00	.00	.00	.00	.00	.00	.00	913
16	.00	.00	.01	.00	.01	.00	.02	138
17	.00	.00	.00	.00	.01	.00	.01	136
18	.00	.00	.00	.00	.00	.00	.00	124
19	.00	.00	.17	.00	.04	.20	.41	105
20	.00	.00	.00	.09	.01	.01	.10	112
21	.00	.00	.02	.00	.06	.00	.08	111
22	.00	.00	.00	.00	.00	.06	.06	110
23	.00	.00	.00	.00	.00	.00	.00	113
24	.00	.00	.03	.22	.05	.04	.33	113
25	.00	.00	.02	.00	.02	.00	.05	118
26-29	.00	.00	.00	.00	.00	.00	.01	501
30-39	.00	.00	.00	.00	.00	.00	.01	1056
40-49	.00	.00	.00	.01	.01	.00	.03	769
50-59	.00	.00	.01	.00	.00	.00	.02	689
60-64	.00	.00	.00	.00	.00	.01	.01	357
65+	.00	.00	.00	.00	.00	.00	.00	828
Mean	.00	.00	.01	.01	.01	.01	.03	6291

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 4.1c. Motor cycle riders (including pillion passengers):
Average number of fatalities per ten million kilometres
classified by age, sex and time of day.

	2200 -0200	0200 -0600	0600 -1000	1000 -1400	1400 -1800	1800 -2200	Mean	Persons ('000)
Males								
9-15	.00			52.55	39.41	1.91	4.09	962
16			.00		10.48		4.37	157
17			3.01	5.98	6.97		4.60	143
18		17.74	8.12	7.85	14.34	62.04	13.69	132
19	4.41	95.60	2.05	7.12	9.62	1.97	4.07	115
20	16.09		3.47	7.32	5.41	21.04	6.67	116
21	25.32	9.16	5.62	3.64	7.82	17.49	8.39	121
22		9.00	1.21	2.47	8.78	5.93	3.60	107
23	5.08		1.77	6.50	3.11	3.08	3.25	125
24	30.30	13.52	1.31	3.10	5.67	9.55	5.12	114
25	113.92	5.11	.93	2.46	3.00	3.60	2.75	117
26-29	91.58	40.69	.86	1.23	2.48	4.66	2.60	457
30-39	11.52	1.54	.38	1.60	1.08	1.95	1.20	1043
40-49	.00	1.48	.35	.52	.81	1.26	.63	848
50-59		.00	2.42	1.11	1.10	.00	.99	692
60-64			28.23			9.72	14.46	347
65+			.00	.00	3.30		.52	601
Mean	9.37	6.04	1.25	2.56	2.85	4.02	2.85	6197
Females								
9-15			14.85	5.08			7.57	913
16			.00		.00		.00	138
17			.00		.00		.00	136
18								124
19			.00		2.94	.67	.63	105
20				1.41	31.61	15.81	4.80	112
21			.00		2.09		1.63	111
22						.00	.00	110
23								113
24			.00	.55	2.59	3.39	1.11	113
25			4.70		.00		2.35	118
26-29			34.31	.00		44.16	11.64	501
30-39			.00	23.56	6.44	52.05	9.03	1056
40-49			.00	.00	.00	7.36	.71	769
50-59			.00	.00			.00	689
60-64			36.31			.00	4.03	357
65+								828
Mean			1.59	1.10	2.76	2.58	1.91	6291

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

Table 4.1d. Motor cycle riders, including pillion passengers
(Australia, 1985-86):
Average time spent travelling (minutes) per person per day
classified by age, sex and time of day.

	2200 -0200	0200 -0600	0600 -1000	1000 -1400	1400 -1800	1800 -2200	Total	Persons ('000)
Males								
9-15	.01	.00	.00	.02	.02	.02	.06	962
16	.00	.00	.02	.00	.03	.00	.06	157
17	.00	.00	.32	.19	.39	.00	.90	143
18	.00	.03	.19	.26	.15	.07	.70	132
19	.49	.02	.33	.05	.36	.66	1.92	115
20	.15	.00	.60	.40	.81	.20	2.15	116
21	.07	.02	.48	.73	.65	.13	2.09	121
22	.00	.03	1.59	.80	.71	.34	3.47	107
23	.23	.00	.58	.13	1.52	.98	3.44	125
24	.17	.03	.72	.58	.77	.27	2.54	114
25	.02	.02	1.35	.67	.89	.37	3.32	117
26-29	.01	.01	.52	.29	.60	.17	1.60	457
30-39	.02	.04	.37	.21	.50	.14	1.29	1043
40-49	.01	.01	.20	.06	.24	.05	.56	848
50-59	.00	.01	.06	.10	.14	.06	.38	692
60-64	.00	.00	.00	.00	.00	.02	.02	347
65+	.00	.00	.03	.07	.02	.00	.12	601
Mean	.03	.01	.25	.16	.30	.11	.87	6197
Females								
9-15	.00	.00	.01	.02	.00	.00	.02	913
16	.00	.00	.04	.00	.02	.00	.06	138
17	.00	.00	.04	.00	.15	.00	.19	136
18	.00	.00	.00	.00	.00	.00		124
19	.00	.00	.17	.00	.13	.25	.56	105
20	.00	.00	.00	.16	.01	.02	.19	112
21	.00	.00	.02	.00	.12	.00	.13	111
22	.00	.00	.00	.00	.00	.20	.20	110
23	.00	.00	.00	.00	.00	.00		113
24	.00	.00	.08	.21	.14	.18	.60	113
25	.00	.00	.05	.00	.06	.00	.12	118
26-29	.00	.00	.01	.01	.00	.00	.02	501
30-39	.00	.00	.01	.00	.01	.00	.02	1056
40-49	.00	.00	.00	.03	.03	.01	.07	769
50-59	.00	.00	.03	.01	.00	.00	.03	689
60-64	.00	.00	.02	.00	.00	.03	.05	357
65+	.00	.00	.00	.00	.00	.00		828
Mean	.00	.00	.01	.01	.02	.01	.06	6291

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 4.le. Motor cycle riders (including pillion passengers):
Average number of fatalities per one million hours
classified by age, sex and time of day.

	2200 -0200	0200 -0600	0600 -1000	1000 -1400	1400 -1800	1800 -2200	Mean	Persons ('000)
Males								
9-15	.00			21.03	15.77	9.32	12.20	962
16			.00		31.44		18.49	157
17			14.50	15.40	13.17		14.10	143
18		72.37	20.01	21.29	50.98	111.65	38.37	132
19	36.11	229.43	8.58	53.54	35.46	15.23	26.10	115
20	43.36		14.08	21.14	18.33	50.43	22.29	116
21	102.76	58.61	14.21	7.48	21.92	92.56	22.83	121
22		53.98	3.85	5.72	23.88	24.83	10.82	107
23	17.30		4.55	25.03	7.37	6.75	8.05	125
24	49.91	81.13	5.00	8.71	15.80	31.67	15.84	114
25	273.33	30.66	2.09	4.18	7.89	9.38	6.34	117
26-29	265.08	81.40	3.47	5.62	8.62	16.06	9.97	457
30-39	31.18	5.36	1.49	6.03	4.86	8.95	5.01	1043
40-49	.00	8.80	1.42	1.70	3.26	2.07	2.41	848
50-59		.00	7.49	2.35	2.51	.00	2.81	692
60-64			77.34			14.57	24.52	347
65+			.00	.00	7.87		1.12	601
Mean	45.37	24.98	4.47	7.73	9.79	15.67	10.03	6197
Females								
9-15			13.71	5.86			8.21	913
16			.00		.00		.00	138
17			.00		.00		.00	136
18								124
19			.00		5.88	3.17	2.82	105
20				4.53	189.69	47.42	15.84	112
21			.00		6.32		5.54	111
22						.00	.00	110
23								113
24			.00	3.45	5.36	4.06	3.62	113
25			12.88		.00		5.93	118
26-29			35.70	.00		123.51	26.50	501
30-39			.00	37.68	15.05	125.02	19.72	1056
40-49			.00	.00	.00	12.04	1.49	769
50-59			.00	.00			.00	689
60-64			14.51			.00	4.84	357
65+								828
Mean			4.57	3.68	5.38	6.36	5.02	6291

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

Table 4.1f. Motor cycle riders, including pillion passengers
(Australia, 1985-86):
Average number of trip segments per person per day
classified by age, sex and time of day.

	2200 -0200	0200 -0600	0600 -1000	1000 -1400	1400 -1800	1800 -2200	Total	Persons ('000)
Males								
9-15	.00	.00	.00	.00	.00	.00	.00	962
16	.00	.00	.00	.00	.00	.00	.01	157
17	.00	.00	.01	.02	.02	.00	.05	143
18	.00	.00	.01	.03	.02	.01	.07	132
19	.02	.00	.01	.01	.02	.02	.09	115
20	.01	.00	.04	.03	.06	.02	.15	116
21	.01	.00	.03	.05	.04	.02	.15	121
22	.00	.00	.04	.05	.06	.02	.18	107
23	.01	.00	.05	.01	.09	.03	.20	125
24	.00	.00	.05	.04	.05	.02	.16	114
25	.00	.00	.04	.02	.04	.01	.12	117
26-29	.00	.00	.03	.01	.04	.01	.09	457
30-39	.00	.00	.02	.01	.02	.01	.07	1043
40-49	.00	.00	.01	.01	.01	.00	.03	848
50-59	.00	.00	.01	.01	.01	.00	.03	692
60-64	.00	.00	.00	.00	.00	.00	.00	347
65+	.00	.00	.00	.00	.00	.00	.01	601
Mean	.00	.00	.01	.01	.02	.01	.05	6197
Females								
9-15	.00	.00	.00	.00	.00	.00	.00	913
16	.00	.00	.00	.00	.00	.00	.00	138
17	.00	.00	.00	.00	.01	.00	.01	136
18	.00	.00	.00	.00	.00	.00	.00	124
19	.00	.00	.01	.00	.00	.01	.03	105
20	.00	.00	.00	.00	.00	.00	.01	112
21	.00	.00	.00	.00	.00	.00	.01	111
22	.00	.00	.00	.00	.00	.01	.01	110
23	.00	.00	.00	.00	.00	.00	.00	113
24	.00	.00	.01	.01	.01	.01	.04	113
25	.00	.00	.00	.00	.00	.00	.01	118
26-29	.00	.00	.00	.00	.00	.00	.00	501
30-39	.00	.00	.00	.00	.00	.00	.00	1056
40-49	.00	.00	.00	.00	.00	.00	.01	769
50-59	.00	.00	.00	.00	.00	.00	.00	689
60-64	.00	.00	.00	.00	.00	.00	.00	357
65+	.00	.00	.00	.00	.00	.00	.00	828
Mean	.00	.00	.00	.00	.00	.00	.00	6291

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 4.1g. Motor cycle riders (including pillion passengers):
Average number of fatalities per one million trip segments
classified by age, sex and time of day.

	2200 -0200	0200 -0600	0600 -1000	1000 -1400	1400 -1800	1800 -2200	Mean	Persons ('000)
Males								
9-15	.00			5.26	3.94	3.48	3.78	962
16			.00		5.23		2.62	157
17			6.93	2.79	4.78		4.56	143
18		30.09	4.45	2.80	8.11	18.60	6.31	132
19	16.55	19.12	3.60	7.24	9.67	7.43	9.74	115
20	13.44		3.61	4.08	4.35	10.52	5.19	116
21	12.39	14.64	3.73	1.70	6.19	12.09	5.26	121
22		13.49	2.29	1.50	4.53	6.63	3.46	107
23	7.35		.93	4.37	1.97	3.22	2.34	125
24	33.05	20.33	1.32	2.03	4.09	8.78	4.22	114
25	22.75	7.65	1.18	1.94	3.00	4.77	2.94	117
26-29	78.33	40.74	1.00	2.13	2.47	4.63	3.01	457
30-39	6.48	1.46	.46	1.67	1.77	2.89	1.59	1043
40-49	.00	1.39	.42	.30	1.20	1.00	.73	848
50-59		.00	1.33	.43	.78	.00	.65	692
60-64			4.52			4.85	4.68	347
65+			.00	.00	3.50		.32	601
Mean	14.59	6.37	1.39	1.91	2.96	5.22	2.97	6197
Females								
9-15			3.43	.84			1.34	913
16			.00		.00		.00	138
17			.00		.00		.00	136
18								124
19			.00		2.66	1.32	.91	105
20				3.40	15.83	7.91	7.31	112
21			.00		2.88		2.08	111
22						.00	.00	110
23								113
24			.00	1.55	.97	1.35	.98	113
25			3.75		.00		1.88	118
26-29			3.33	.00		6.17	2.22	501
30-39			.00	9.44	1.49	62.22	2.65	1056
40-49			.00	.00	.00	2.20	.36	769
50-59			.00	.00			.00	689
60-64			3.63			.00	1.82	357
65+								828
Mean			1.03	1.06	1.15	2.32	1.30	6291

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

Table 4.2a. Motor cycle riders (including pillion passengers):
Number of fatalities in 1984-85 in Australia
classified by age, sex and day of week.

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total	Persons ('000)
Males									
9-15	0	1	2	1	2	1	3	10	962
16	2	3	1	1	4	4	1	16	157
17	5	4	8	7	7	5	5	41	143
18	5	6	6	7	8	9	11	52	132
19	10	1	8	10	14	14	13	70	115
20	12	6	6	11	15	13	9	72	116
21	6	12	9	14	8	12	11	72	121
22	9	4	8	12	8	7	9	57	107
23	7	7	3	6	9	4	11	47	125
24	3	4	8	10	11	9	13	58	114
25	4	3	3	5	3	9	3	30	117
26-29	8	7	7	15	18	15	22	92	457
30-39	12	6	11	5	13	17	20	84	1043
40-49	2	3	4	2	0	1	2	14	848
50-59	3	1	1	1	1	3	0	10	692
60-64	0	0	0	1	0	0	1	2	347
65+	0	0	0	1	0	0	0	1	601
Total	88	68	85	109	121	123	134	728	6197
Females									
9-15	0	1	0	1	0	1	1	4	913
16	0	0	0	0	0	0	0	0	138
17	0	0	0	0	1	0	0	1	136
18	0	0	0	0	0	0	0	0	124
19	0	1	0	1	0	2	0	4	105
20	0	0	0	0	0	2	2	4	112
21	0	1	1	0	0	1	0	3	111
22	1	1	1	0	1	0	0	4	110
23	0	0	0	0	1	0	0	1	113
24	0	0	0	0	0	1	2	3	113
25	0	0	0	0	0	1	0	1	118
26-29	0	0	1	1	1	0	0	3	501
30-39	0	0	2	2	1	1	0	6	1056
40-49	0	0	1	0	0	0	1	2	769
50-59	0	0	0	0	0	0	0	0	689
60-64	0	0	1	0	0	0	0	1	357
65+	0	0	0	0	0	0	0	0	828
Total	1	4	7	5	5	9	6	38	6291

Source: FORS Fatal File 1984-85

4.2 Day of week

The days of the week were divided into the weekend (just Saturday and Sunday) and the working week. (In contrast to car drivers and passengers, the fatality rates for Friday were much more like those for Monday to Thursday than those for Saturday and Sunday.) The fatality rate per kilometre for male motor cyclists at the weekend was 2.6 times that during the week (F statistic for weekend-weekday difference, for 1 and 85 df, = 15, $p < 0.001$; 95% confidence interval for the relative rate of 1.6 to 4.3; F statistic for variation within the weekend and weekdays, for 5 and 85 df, = 1.0, $p > 0.05$). This follows the general pattern seen for car drivers and car passengers.

The difference between weekend and weekday also occurred when fatality rate was modelled for time spent travelling, number of trips or population. However, the estimate of relative risk for the weekend using population (1.4 times the working week) was much lower than for the other three measures. This is because there is less motor cycle travel on the weekend than during the week (see Table 4.2b), which is different to the weekly travel patterns for car drivers and passengers (see Sections 2.2 and 3.2).

The difference between the weekend and weekday rates did not appear to depend on age of the motor cyclist (F statistic, for 1 and 85 df, = 0.0, $p > 0.05$).

Table 4.2b. Motor cycle riders, including pillion passengers
(Australia, 1985-86):
Average distance travelled (km) per person per day
classified by age, sex and day of week.

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Mean	Persons ('000)
Males									
9-15	.00	.20	.00	.00	.00	.02	.00	.03	962
16	.00	.00	.00	.00	.28	.00	.00	.04	157
17	.57	.00	.02	.63	.00	1.68	.31	.46	143
18	.75	.66	.00	.11	.47	.04	.29	.33	132
19	.27	1.57	10.68	.00	.60	.00	1.21	2.05	115
20	.08	4.93	.69	.64	.98	.62	.45	1.20	116
21	3.05	.00	1.44	1.25	.13	.24	.50	.95	121
22	3.26	.83	.15	6.75	1.09	.35	.00	1.78	107
23	1.25	.20	.66	3.82	3.36	.19	.46	1.42	125
24	1.49	1.43	1.63	1.83	.69	1.88	.23	1.31	114
25	.81	2.46	2.45	1.14	.44	1.63	.00	1.28	117
26-29	1.69	.80	.94	.42	1.76	.61	1.14	1.05	457
30-39	.71	1.41	.62	.52	2.20	.36	.48	.90	1043
40-49	.31	.11	.17	.54	.08	.04	1.26	.36	848
50-59	.13	.37	.12	.06	.50	.07	.03	.18	692
60-64	.00	.03	.00	.00	.00	.00	.01	.01	347
65+	.00	.12	.05	.00	.00	.13	.00	.04	601
Mean	.52	.62	.55	.50	.72	.27	.41	.51	6197
Females									
9-15	.02	.00	.00	.00	.00	.00	.00	.00	913
16	.00	.00	.00	.15	.00	.00	.00	.02	138
17	.00	.07	.00	.00	.00	.00	.00	.01	136
18	.00	.00	.00	.00	.00	.00	.00	.00	124
19	.21	2.45	.00	.00	.25	.00	.00	.41	105
20	.00	.00	.00	.01	.00	.11	.61	.10	112
21	.30	.00	.23	.00	.00	.00	.00	.08	111
22	.00	.39	.00	.00	.00	.00	.00	.06	110
23	.00	.00	.00	.00	.00	.00	.00	.00	113
24	.00	.48	.00	.00	.41	1.42	.00	.33	113
25	.00	.00	.15	.00	.19	.00	.00	.05	118
26-29	.00	.00	.00	.00	.01	.05	.00	.01	501
30-39	.00	.03	.00	.02	.00	.00	.00	.01	1056
40-49	.00	.03	.15	.00	.00	.00	.00	.03	769
50-59	.00	.04	.00	.07	.00	.00	.00	.02	689
60-64	.00	.00	.00	.00	.00	.07	.00	.01	357
65+	.00	.00	.00	.00	.00	.00	.00	.00	828
Mean	.01	.07	.03	.01	.02	.04	.01	.03	6291

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 4.2c. Motor cycle riders (including pillion passengers):
Average number of fatalities per ten million kilometres
classified by age, sex and day of week.

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Mean	Persons ('000)
Males									
9-15		.50			43.18	6.57		1.82	962
16					8.73			8.73	157
17	5.93		266.5	7.42		2.00	10.85	6.27	143
18	4.82	6.57		47.32	12.45	180.1	27.35	14.41	132
19	30.67	.53	.62		19.54		8.94	2.67	115
20	117.3	1.00	7.13	14.22	12.60	17.14	16.42	7.06	116
21	1.56		4.95	8.90	48.50	39.49	17.32	7.19	121
22	2.47	4.33	47.66	1.59	6.55	17.82		3.45	107
23	4.30	26.29	3.50	1.21	2.06	16.16	18.56	3.63	125
24	1.69	2.34	4.13	4.58	13.42	4.02	47.44	5.30	114
25	4.05	1.00	1.00	3.61	5.58	4.53		2.48	117
26-29	.99	1.84	1.56	7.41	2.14	5.13	4.04	2.62	457
30-39	1.54	.39	1.63	.89	.54	4.30	3.86	1.23	1043
40-49	.72	2.96	2.68	.42	.00	2.61	.18	.63	848
50-59	3.11	.38	1.19	2.38	.28	5.97	.00	1.09	692
60-64		.00					28.23	7.23	347
65+		.00	.00			.00		.00	601
Mean	2.55	1.21	2.15	2.93	2.44	6.09	4.47	2.77	6197
Females									
9-15	.00				.00			.00	913
16				.00				.00	138
17		.00						.00	136
18									124
19	.00	.37			.00			.32	105
20						15.81	2.83	4.72	112
21	.00		3.74					1.63	111
22		2.26						2.26	110
23									113
24		.00			.00	.60		.37	113
25			.00		.00			.00	118
26-29	.00	.00			18.16	.00		2.91	501
30-39		.00		8.27		155.6		5.42	1056
40-49		.00	.83					.71	769
50-59		.00		.00				.00	689
60-64						.00		.00	357
65+									828
Mean	.00	.43	1.21	2.07	.94	1.73	2.83	1.07	6291

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

Table 4.2d. Motor cycle riders, including pillion passengers
(Australia, 1985-86):
Average time spent travelling (minutes) per person per day
classified by age, sex and day of week.

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Mean	Persons ('000)
Males									
9-15	.00	.20	.00	.00	.01	.23	.00	.06	962
16	.00	.00	.00	.00	.40	.00	.00	.06	157
17	.80	.00	.10	2.25	.00	1.51	1.62	.90	143
18	1.51	1.55	.00	.21	.93	.09	.62	.70	132
19	.56	1.72	8.40	.00	1.07	.00	1.66	1.92	115
20	.08	7.30	1.86	1.19	1.68	1.37	1.59	2.15	116
21	5.76	.00	3.24	2.19	1.31	.90	1.21	2.09	121
22	7.21	1.04	.65	13.76	1.59	.35	.00	3.51	107
23	2.50	.63	1.02	8.82	9.97	.32	.80	3.44	125
24	2.58	1.85	3.73	3.04	1.82	4.33	.44	2.54	114
25	1.52	4.12	4.29	2.61	.84	9.87	.00	3.32	117
26-29	2.74	1.39	1.32	.96	2.69	.77	1.59	1.64	457
30-39	1.42	2.14	.94	1.07	2.38	.43	.66	1.29	1043
40-49	.50	.58	.38	.85	.18	.09	1.38	.56	848
50-59	.24	.55	.47	.17	1.02	.18	.07	.38	692
60-64	.00	.11	.00	.00	.00	.00	.02	.02	347
65+	.00	.30	.19	.00	.00	.36	.00	.12	601
Mean	.96	1.02	.82	1.03	1.12	.59	.59	.87	6197
Females									
9-15	.15	.00	.00	.00	.01	.00	.00	.02	913
16	.00	.00	.00	.41	.00	.00	.00	.06	138
17	.00	1.31	.00	.00	.00	.00	.00	.19	136
18	.00	.00	.00	.00	.00	.00	.00	.00	124
19	.63	2.45	.00	.00	.82	.00	.00	.56	105
20	.00	.00	.00	.72	.00	.16	1.13	.29	112
21	.65	.00	.29	.00	.00	.00	.00	.13	111
22	.00	1.42	.00	.00	.00	.00	.00	.20	110
23	.00	.00	.00	.00	.00	.00	.00	.00	113
24	.00	2.17	.00	.00	.74	1.31	.00	.60	113
25	.00	.00	.34	.00	.49	.00	.00	.12	118
26-29	.01	.02	.00	.00	.04	.09	.00	.02	501
30-39	.00	.08	.00	.06	.00	.00	.00	.02	1056
40-49	.00	.08	.42	.00	.00	.00	.00	.07	769
50-59	.00	.06	.00	.17	.00	.00	.00	.03	689
60-64	.00	.00	.00	.00	.00	.33	.00	.05	357
65+	.00	.00	.00	.00	.00	.00	.00	.00	828
Mean	.04	.16	.06	.05	.04	.05	.02	.06	6291

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 4.2e. Motor cycle riders (including pillion passengers):
Average number of fatalities per one million hours
classified by age, sex and day of week.

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Mean	Persons ('000)
Males									
9-15		3.00			82.96	2.63		5.42	962
16					36.99			36.99	157
17	25.31		319.9	12.50		13.30	12.45	19.23	143
18	14.48	16.90		142.0	37.34	432.3	77.32	40.81	132
19	89.97	2.91	4.76		65.44		39.14	17.15	115
20	703.5	4.06	15.98	45.65	44.16	46.86	27.91	23.60	116
21	4.96		13.24	30.46	29.10	63.40	43.37	19.57	121
22	6.69	20.56	65.53	4.68	26.97	106.9		10.46	107
23	12.90	51.63	13.55	3.14	4.16	58.19	63.62	9.01	125
24	5.86	10.88	10.79	16.56	30.42	10.45	148.0	16.41	114
25	12.95	3.58	3.44	9.43	17.58	4.48		5.71	117
26-29	3.67	6.33	6.67	19.70	8.42	24.50	17.37	10.10	457
30-39	4.64	1.54	6.43	2.58	3.01	21.65	16.72	5.12	1043
40-49	2.72	3.51	7.23	1.59	.00	7.95	.98	2.40	848
50-59	10.54	1.51	1.78	5.02	.82	14.20	.00	3.09	692
60-64		.00					77.34	12.26	347
65+		.00	.00			.00		.00	601
Mean	8.29	4.48	8.64	8.57	9.41	16.52	18.69	9.75	6197
Females									
9-15	.00				.00			.00	913
16				.00				.00	138
17		.00						.00	136
18									124
19	.00	2.24			.00			1.41	105
20				.00		63.23	9.05	10.20	112
21	.00		17.95					5.54	111
22		3.68						3.68	110
23									113
24		.00			.00	3.88		1.21	113
25			.00		.00			.00	118
26-29	.00	.00			28.51	.00		6.82	501
30-39		.00		19.24		375.0		11.83	1056
40-49		.00	1.76					1.49	769
50-59		.00		.00				.00	689
60-64						.00		.00	357
65+									828
Mean	.00	1.12	2.89	3.66	2.28	6.88	9.05	2.73	6291

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

Table 4.2f. Motor cycle riders, including pillion passengers
(Australia, 1985-86):
Average number of trip segments per person per day
classified by age, sex and day of week.

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Mean	Persons ('000)
Males									
9-15	.00	.01	.00	.00	.00	.02	.00	.00	962
16	.00	.00	.00	.00	.05	.00	.00	.01	157
17	.04	.00	.01	.07	.05	.02	.13	.04	143
18	.09	.22	.00	.02	.07	.04	.08	.07	132
19	.02	.09	.40	.00	.06	.00	.02	.09	115
20	.01	.39	.08	.11	.15	.18	.19	.16	116
21	.26	.00	.20	.17	.26	.10	.05	.15	121
22	.69	.09	.05	.30	.11	.01	.00	.18	107
23	.13	.02	.06	.95	.16	.06	.05	.20	125
24	.16	.13	.21	.16	.15	.25	.02	.15	114
25	.10	.12	.21	.24	.03	.10	.00	.11	117
26-29	.13	.06	.14	.07	.12	.04	.05	.09	457
30-39	.08	.12	.06	.06	.08	.02	.05	.07	1043
40-49	.05	.04	.03	.05	.01	.01	.02	.03	848
50-59	.02	.03	.01	.01	.10	.02	.00	.03	692
60-64	.00	.01	.00	.00	.00	.00	.01	.00	347
65+	.00	.02	.01	.00	.00	.02	.00	.01	601
Mean	.06	.06	.05	.06	.06	.03	.03	.05	6197
Females									
9-15	.01	.00	.00	.00	.01	.00	.00	.00	913
16	.00	.00	.00	.02	.00	.00	.00	.00	138
17	.00	.10	.00	.00	.00	.00	.00	.01	136
18	.00	.00	.00	.00	.00	.00	.00	.00	124
19	.01	.15	.00	.00	.04	.00	.00	.03	105
20	.00	.00	.00	.02	.00	.02	.03	.01	112
21	.02	.00	.02	.00	.00	.00	.00	.01	111
22	.00	.04	.00	.00	.00	.00	.00	.01	110
23	.00	.00	.00	.00	.00	.00	.00	.00	113
24	.00	.15	.00	.00	.07	.04	.00	.04	113
25	.00	.00	.02	.00	.02	.00	.00	.01	118
26-29	.00	.00	.00	.00	.01	.01	.00	.00	501
30-39	.00	.01	.00	.01	.00	.00	.00	.00	1056
40-49	.00	.00	.03	.00	.00	.00	.00	.01	769
50-59	.00	.00	.00	.01	.00	.00	.00	.00	689
60-64	.00	.00	.00	.00	.00	.01	.00	.00	357
65+	.00	.00	.00	.00	.00	.00	.00	.00	828
Mean	.00	.01	.00	.00	.00	.00	.00	.00	6291

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 4.2g. Motor cycle riders (including pillion passengers):
Average number of fatalities per one million trip segments
classified by age, sex and day of week.

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Mean	Persons ('000)
Males									
9-15		1.75			6.91	.66		1.68	962
16					5.24			5.24	157
17	9.49		53.42	6.97	9.33	19.96	2.49	7.88	143
18	3.93	1.97		23.66	8.71	18.01	9.43	6.39	132
19	33.72	.91	1.67		18.22		55.44	6.40	115
20	93.87	1.26	6.22	8.23	8.06	5.98	3.99	5.34	116
21	1.81		3.59	6.53	2.42	9.67	16.62	4.56	121
22	1.17	4.09	13.10	3.56	6.54	53.53		3.42	107
23	4.23	23.66	3.95	.48	4.25	4.85	18.54	2.52	125
24	1.60	2.62	3.17	5.16	6.34	3.08	61.58	4.55	114
25	3.24	2.07	1.19	1.67	7.81	7.47		2.76	117
26-29	1.33	2.54	1.02	4.22	3.02	7.21	8.79	3.09	457
30-39	1.42	.46	1.57	.83	1.52	6.40	4.03	1.65	1043
40-49	.47	.80	1.68	.45	.00	.94	.92	.73	848
50-59	2.60	.45	2.10	.96	.14	2.26	.00	.72	692
60-64		.00					4.52	2.34	347
65+		.00	.00			.00		.00	601
Mean	2.27	1.32	2.36	2.35	3.26	5.50	6.81	2.94	6197
Females									
9-15	.00				.00			.00	913
16				.00				.00	138
17		.00						.00	136
18									124
19	.00	.62			.00			.45	105
20				.00		7.91	6.79	4.84	112
21	.00		3.74					2.08	111
22		2.15						2.15	110
23									113
24		.00			.00	1.94		.33	113
25			.00		.00			.00	118
26-29	.00	.00			3.09	.00		.67	501
30-39		.00		2.74		31.11		1.59	1056
40-49		.00	.41					.36	769
50-59		.00		.00				.00	689
60-64						.00		.00	357
65+									828
Mean	.00	.28	.67	1.19	.41	1.93	6.79	.73	6291

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

Table 4.3a. Motor cycle riders (including pillion passengers):
Number of fatalities in 1984-85 in Australia
classified by age, sex and season.

	Winter	Spring	Summer	Autumn	Total	Persons ('000)
Males						
9-15	0	2	5	3	10	962
16	5	6	4	1	16	157
17	11	9	12	9	41	143
18	8	10	17	17	52	132
19	19	15	18	18	70	115
20	17	18	16	21	72	116
21	10	19	24	19	72	121
22	12	16	18	11	57	107
23	9	16	11	11	47	125
24	9	19	17	13	58	114
25	6	9	10	5	30	117
26-29	20	22	26	24	92	457
30-39	22	18	18	26	84	1043
40-49	2	5	6	1	14	848
50-59	2	1	7	0	10	692
60-64	1	1	0	0	2	347
65+	0	0	1	0	1	601
Total	153	186	210	179	728	6197
Females						
9-15	0	0	4	0	4	913
16	0	0	0	0	0	138
17	0	0	0	1	1	136
18	0	0	0	0	0	124
19	1	1	1	1	4	105
20	3	1	0	0	4	112
21	1	1	1	0	3	111
22	0	3	1	0	4	110
23	0	1	0	0	1	113
24	0	1	0	2	3	113
25	0	0	1	0	1	118
26-29	0	1	1	1	3	501
30-39	2	0	2	2	6	1056
40-49	1	0	1	0	2	769
50-59	0	0	0	0	0	689
60-64	0	0	0	1	1	357
65+	0	0	0	0	0	828
Total	8	9	12	8	37	6291

Source: FORS Fatal File 1984-85

4.3 Season

Fatality rates of male motor cyclists varied with season much more than was seen with other modes of travel. The modelled fatality rate for distance travelled for Winter was only 39% of that for the other three seasons (F statistic for Winter compared with the other seasons, for 1 and 51 df, = 12.7, $0.001 < p < 0.01$; 95% confidence interval for the relative rate of 29% to 52%; F statistic for variation between the other seasons, for 2 and 51 df, = 0.2, $p > 0.05$). This seasonal difference was partly due to there being a higher rate of travel in Winter without a proportional increase in fatalities (see Tables 4.3a and 4.3b).

This difference was not statistically significant for the other three at-risk measures although it was in the same direction. The modelled fatality rate for Winter as a percentage of that for the rest of the year was 52%, 70% and 82% for time spent travelling, number of trips and population respectively.

There was no evidence that this difference between the Winter and the other seasons varied with age (F statistic for linear age interaction, for 1 and 51 df, = 1.2, $p > 0.05$).

Table 4.3b. Motor cycle riders, including pillion passengers
(Australia, 1985-86):
Average distance travelled (km) per person per day
classified by age, sex and season.

	Winter	Spring	Summer	Autumn	Mean	Persons ('000)
Males						
9-15	.00	.00	.01	.11	.03	962
16	.00	.00	.16	.00	.04	157
17	.18	.00	.68	.97	.46	143
18	.40	.44	.46	.03	.33	132
19	6.62	.16	.69	.72	2.05	115
20	2.29	.14	.88	1.49	1.20	116
21	1.95	.05	1.34	.45	.95	121
22	3.89	.16	1.49	1.56	1.78	107
23	1.13	1.70	2.48	.37	1.42	125
24	1.11	2.26	1.06	.81	1.31	114
25	1.83	2.96	.30	.00	1.28	117
26-29	.75	1.33	.98	1.14	1.05	457
30-39	1.39	.79	.84	.58	.90	1043
40-49	.20	.20	.82	.22	.36	848
50-59	.27	.13	.27	.06	.18	692
60-64	.00	.02	.01	.00	.01	347
65+	.01	.03	.12	.01	.04	601
Mean	.71	.43	.56	.36	.51	6197
Females						
9-15	.00	.00	.01	.00	.00	913
16	.00	.00	.08	.00	.02	138
17	.04	.00	.00	.00	.01	136
18	.00	.00	.00	.00	.00	124
19	.00	.14	1.40	.12	.41	105
20	.00	.41	.00	.01	.10	112
21	.17	.13	.00	.00	.08	111
22	.00	.22	.00	.00	.06	110
23	.00	.00	.00	.00	.00	113
24	.36	.00	.96	.00	.33	113
25	.00	.09	.11	.00	.05	118
26-29	.00	.03	.01	.00	.01	501
30-39	.01	.01	.00	.01	.01	1056
40-49	.10	.00	.00	.00	.03	769
50-59	.02	.00	.02	.02	.02	689
60-64	.00	.00	.00	.04	.01	357
65+	.00	.00	.00	.00	.00	828
Mean	.03	.02	.05	.01	.03	6291

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 4.3c. Motor cycle riders (including pillion passengers):
Average number of fatalities per ten million kilometres
classified by age, sex and season.

	Winter	Spring	Summer	Autumn	Mean	Persons ('000)
Males						
9-15		43.18	32.86	1.50	4.55	962
16			8.73		8.73	157
17	23.86		6.72	3.55	6.69	143
18	8.31	9.53	15.36	229.50	16.28	132
19	1.37	45.78	12.38	11.85	4.07	115
20	3.49	62.30	8.54	6.61	7.06	116
21	2.33	183.68	8.14	18.99	8.63	121
22	1.57	51.10	6.16	3.61	4.10	107
23	3.49	4.15	1.94	13.09	3.63	125
24	3.89	4.03	7.66	7.69	5.30	114
25	1.53	1.42	15.56		2.30	117
26-29	3.20	1.97	3.17	2.51	2.62	457
30-39	.83	1.19	1.13	2.37	1.23	1043
40-49	.66	1.58	.47	.29	.63	848
50-59	.59	.61	2.03	.00	1.09	692
60-64		9.72	.00		7.23	347
65+	.00	.00	.73	.00	.52	601
Mean	1.83	3.53	3.34	4.25	3.02	6197
Females						
9-15		.00	17.14		15.15	913
16			.00		.00	138
17	.00				.00	136
18						124
19		3.73	.37	4.38	.95	105
20		1.20		.00	1.18	112
21	2.90	3.74			3.27	111
22		6.78			6.78	110
23						113
24	.00		.00		.00	113
25		.00	4.19		2.35	118
26-29	.00	3.81	18.16	224.41	8.74	501
30-39	13.82	.00	26.89	9.56	10.84	1056
40-49	.71				.71	769
50-59	.00		.00	.00	.00	689
60-64				4.03	4.03	357
65+						828
Mean	1.32	2.90	1.57	5.35	2.06	6291

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

Table 4.3d. Motor cycle riders, including pillion passengers
(Australia, 1985-86):
Average time spent travelling (minutes) per person per day
classified by age, sex and season.

	Winter	Spring	Summer	Autumn	Mean	Persons ('000)
Males						
9-15	.00	.01	.13	.11	.06	962
16	.00	.00	.23	.00	.06	157
17	.92	.00	1.74	.92	.90	143
18	.71	.79	1.15	.15	.70	132
19	5.66	.18	.95	.87	1.92	115
20	4.22	.57	1.67	2.15	2.15	116
21	2.98	.12	3.41	1.84	2.09	121
22	6.26	.27	3.11	4.42	3.51	107
23	2.44	3.26	7.41	.64	3.44	125
24	2.86	3.19	2.75	1.37	2.54	114
25	2.90	9.72	.66	.00	3.32	117
26-29	1.23	2.32	1.31	1.69	1.64	457
30-39	1.55	1.22	1.24	1.17	1.29	1043
40-49	.35	.49	1.01	.41	.56	848
50-59	.52	.30	.56	.15	.38	692
60-64	.00	.07	.01	.00	.02	347
65+	.04	.12	.26	.07	.12	601
Mean	1.00	.84	1.00	.65	.87	6197
Females						
9-15	.00	.00	.08	.00	.02	913
16	.00	.00	.24	.00	.06	138
17	.75	.00	.00	.00	.19	136
18	.00	.00	.00	.00	.00	124
19	.00	.47	1.40	.36	.56	105
20	.00	.74	.00	.41	.29	112
21	.37	.17	.00	.00	.13	111
22	.00	.81	.00	.00	.20	110
23	.00	.00	.00	.00	.00	113
24	.95	.00	1.47	.00	.60	113
25	.00	.19	.28	.00	.12	118
26-29	.01	.05	.02	.01	.02	501
30-39	.01	.02	.02	.03	.02	1056
40-49	.29	.00	.00	.00	.07	769
50-59	.04	.00	.03	.05	.03	689
60-64	.00	.00	.00	.19	.05	357
65+	.00	.00	.00	.00	.00	828
Mean	.08	.05	.08	.04	.06	6291

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 4.3e. Motor cycle riders (including pillion passengers):
Average number of fatalities per one million hours
classified by age, sex and season.

	Winter	Spring	Summer	Autumn	Mean	Persons ('000)
Males						
9-15		82.96	13.14	9.00	13.55	962
16			36.99		36.99	157
17	27.40		15.84	22.45	20.52	143
18	28.21	31.33	36.75	275.30	46.14	132
19	9.59	238.12	54.19	58.97	26.10	115
20	11.38	88.89	27.03	27.53	23.60	116
21	9.13	440.72	19.16	28.16	23.48	121
22	5.87	183.95	17.74	7.62	12.42	107
23	9.73	12.94	3.91	45.52	9.01	125
24	9.05	17.15	17.78	27.27	16.41	114
25	5.81	2.60	42.29		5.29	117
26-29	11.69	6.82	14.24	10.23	10.10	457
30-39	4.48	4.65	4.58	7.02	5.11	1043
40-49	2.24	3.99	2.30	.93	2.40	848
50-59	1.83	1.57	5.91	.00	3.10	692
60-64		14.57	.00		12.26	347
65+	.00	.00	2.12	.00	1.12	601
Mean	7.76	10.81	11.08	14.11	10.63	6197
Females						
9-15		.00	17.14		16.42	913
16			.00		.00	138
17	.00				.00	136
18						124
19		6.72	2.24	8.76	4.23	105
20		3.96		.00	2.55	112
21	8.01	17.95			11.08	111
22		11.04			11.04	110
23						113
24	.00		.00		.00	113
25		.00	10.06		5.93	118
26-29	.00	12.12	28.51	89.28	20.46	501
30-39	43.60	.00	37.67	23.60	23.66	1056
40-49	1.49				1.49	769
50-59	.00		.00	.00	.00	689
60-64				4.84	4.84	357
65+						828
Mean	2.52	7.29	5.85	7.44	5.26	6291

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

Table 4.3f. Motor cycle riders, including pillion passengers
(Australia, 1985-86):
Average number of trip segments per person per day
classified by age, sex and season.

	Winter	Spring	Summer	Autumn	Mean	Persons ('000)
Males						
9-15	.00	.00	.01	.00	.00	962
16	.00	.00	.03	.00	.01	157
17	.08	.00	.06	.04	.04	143
18	.04	.09	.15	.01	.07	132
19	.26	.01	.01	.06	.09	115
20	.16	.05	.17	.26	.16	116
21	.20	.03	.16	.20	.15	121
22	.07	.03	.25	.38	.18	107
23	.28	.22	.26	.06	.20	125
24	.12	.21	.20	.08	.15	114
25	.12	.30	.04	.00	.11	117
26-29	.08	.14	.04	.09	.09	457
30-39	.06	.05	.08	.08	.07	1043
40-49	.03	.03	.04	.02	.03	848
50-59	.05	.02	.02	.02	.03	692
60-64	.00	.00	.00	.00	.00	347
65+	.00	.01	.01	.00	.01	601
Mean	.05	.05	.05	.05	.05	6197
Females						
9-15	.00	.00	.00	.00	.00	913
16	.00	.00	.01	.00	.00	138
17	.06	.00	.00	.00	.01	136
18	.00	.00	.00	.00	.00	124
19	.00	.02	.08	.01	.03	105
20	.00	.03	.00	.01	.01	112
21	.01	.01	.00	.00	.01	111
22	.00	.02	.00	.00	.01	110
23	.00	.00	.00	.00	.00	113
24	.09	.00	.06	.00	.04	113
25	.00	.01	.01	.00	.01	118
26-29	.00	.01	.00	.00	.00	501
30-39	.00	.00	.00	.00	.00	1056
40-49	.02	.00	.00	.00	.01	769
50-59	.00	.00	.00	.00	.00	689
60-64	.00	.00	.00	.01	.00	357
65+	.00	.00	.00	.00	.00	828
Mean	.01	.00	.00	.00	.00	6291

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 4.3g. Motor cycle riders (including pillion passengers):
Average number of fatalities per one million trip segments
classified by age, sex and season.

	Winter	Spring	Summer	Autumn	Mean	Persons ('000)
Males						
9-15		6.91	3.29	5.25	4.20	962
16			5.24		5.24	157
17	5.47		7.84	7.82	6.82	143
18	8.20	4.47	4.61	57.32	7.23	132
19	3.53	59.52	76.76	13.69	9.74	115
20	5.09	18.70	4.43	3.78	5.34	116
21	2.22	25.70	6.93	4.26	5.47	121
22	9.41	30.68	3.71	1.49	4.06	107
23	1.43	3.22	1.85	7.76	2.52	125
24	3.62	4.32	4.09	7.66	4.55	114
25	2.37	1.42	10.98		2.56	117
26-29	3.10	1.86	7.29	3.05	3.09	457
30-39	1.87	1.76	1.26	1.80	1.65	1043
40-49	.40	1.12	1.00	.26	.73	848
50-59	.32	.37	2.72	.00	.72	692
60-64		4.85	.00		2.34	347
65+	.00	.00	.78	.00	.32	601
Mean	2.51	3.34	3.58	3.28	3.17	6197
Females						
9-15		.00	6.85		3.34	913
16			.00		.00	138
17	.00				.00	136
18						124
19		2.24	.62	6.58	1.36	105
20		1.83		.00	1.21	112
21	4.67	3.74			4.15	111
22		6.44			6.44	110
23						113
24	.00		.00		.00	113
25		.00	3.77		1.88	118
26-29	.00	1.38	3.09	4.46	2.02	501
30-39	6.53	.00	9.41	2.36	3.18	1056
40-49	.36				.36	769
50-59	.00		.00	.00	.00	689
60-64				1.81	1.81	357
65+						828
Mean	.57	1.82	1.91	2.19	1.40	6291

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

Table 4.4a. Motor cycle riders (including pillion passengers):
Number of fatalities in 1984-85 in Australia
classified by age, sex and state.

	ACT	NSW	Vic	Qld	SA	WA	Tas	NT	Total
Males									
9-15	0	2	4	1	1	2	0	0	10
16	0	7	0	3	4	0	2	0	16
17	0	17	5	7	2	9	1	0	41
18	0	27	11	7	1	3	3	0	52
19	3	27	8	17	5	7	2	1	70
20	1	28	17	13	11	0	0	2	72
21	2	25	12	17	5	8	1	2	72
22	0	19	12	17	4	4	0	1	57
23	0	12	7	15	5	6	0	2	47
24	0	22	14	12	5	2	1	2	58
25	0	13	6	6	3	2	0	0	30
26-29	2	35	11	26	4	10	2	2	92
30-39	1	29	16	17	11	5	2	3	84
40-49	0	2	4	3	2	3	0	0	14
50-59	0	6	1	1	1	1	0	0	10
60-64	0	0	1	0	1	0	0	0	2
65+	0	0	1	0	0	0	0	0	1
Total	9	271	130	162	65	62	14	15	728
Females									
9-15	0	2	0	1	0	0	1	0	4
16	0	0	0	0	0	0	0	0	0
17	1	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0
19	1	3	0	0	0	0	0	0	4
20	0	3	0	1	0	0	0	0	4
21	0	0	2	0	1	0	0	0	3
22	0	2	1	0	0	0	0	1	4
23	0	0	1	0	0	0	0	0	1
24	0	2	0	0	0	1	0	0	3
25	0	0	1	0	0	0	0	0	1
26-29	0	0	1	1	1	0	0	0	3
30-39	0	2	1	1	1	1	0	0	6
40-49	0	0	2	0	0	0	0	0	2
50-59	0	0	0	0	0	0	0	0	0
60-64	0	1	0	0	0	0	0	0	1
65+	0	0	0	0	0	0	0	0	0
Total	2	15	9	4	3	2	1	1	37

Source: FORS Fatal File 1984-85

4.4 State or Territory

As was found for car drivers and passengers, the fatality rate in the ACT was lower than for the other States and Territories. Although the rates varied six-fold between the States and Territories, this variation was not statistically significant (F statistic, for distance travelled, for 7 and 70 df, = 1.9, $p > 0.05$). The lack of significance is most likely because there are many cells in the tables with none or very few respondents in the Day-to-Day Travel Survey.

Relative fatality rates of male motor cyclists (persons/ 10^7 km) for States and Territories, compared with the ACT

	Relative rate
Australian Capital Territory	1
Northern Territory	2
Western Australia	2
Victoria	3
New South Wales	3
Tasmania	4
South Australia	4
Queensland	6

Fatality rates for time spent travelling, number of trips and population showed less variation between States and Territories than fatality rates for distance. Rates for time spent travelling varied fourfold suggesting that average speed may differ between States. Rates for number of trips only varied by a factor of two, probably because the average length of a trip varies from State to State. Rates per person per year varied by a factor of 3, with the States and Territories in a different order. This is because the estimated distance travelled per person per day has a wide range (for males it varies from 0.12 km for Tasmania to 1.10 km for the Northern Territory, see Table 4.4b). Some of this variation may be a result of the small sample sizes for some of the States and Territories.

Table 4.4b. Motor cycle riders, including pillion passengers
(Australia, 1985-86):
Average distance travelled (km) per person per day
classified by age, sex and state.

	ACT	NSW	Vic	Qld	SA	WA	Tas	NT	Mean
Males									
9-15	.00	.09	.00	.00	.00	.00	.00	.00	.03
16	.00	.00	.00	.00	.39	.00	.00	.00	.04
17	.00	.23	1.29	.00	.22	.27	.00	.00	.46
18	.00	.28	.58	.05	.15	.47	.00	1.42	.33
19	10.34	4.54	.69	.57	.00	1.32	.00	.00	2.05
20	3.56	2.39	.64	.26	.29	.00	.00	6.76	1.20
21	5.94	1.29	.49	1.15	.00	1.49	.00	.00	.95
22	.00	.99	1.11	1.71	.22	10.06	1.52	.00	1.78
23	.00	.86	2.15	2.50	1.44	.00	.00	.00	1.42
24	7.32	1.22	.73	1.65	3.00	.39	.00	.00	1.31
25	.00	1.57	1.31	1.56	.48	.97	.00	.00	1.28
26-29	.00	.88	1.02	.68	.93	2.16	.27	5.77	1.05
30-39	.00	1.28	.46	.81	1.16	.86	.40	.76	.90
40-49	.00	.12	.06	1.32	.45	.63	.06	.05	.36
50-59	.00	.16	.08	.11	.46	.50	.00	.00	.18
60-64	.00	.00	.02	.01	.00	.00	.00	.00	.01
65+	2.27	.05	.01	.06	.00	.00	.00	.00	.04
Mean	.66	.57	.35	.57	.49	.73	.12	1.10	.51
Females									
9-15	.00	.00	.00	.00	.00	.04	.00	.00	.00
16	.00	.00	.00	.00	.00	.21	.00	.00	.02
17	.00	.00	.00	.00	.09	.00	.00	.00	.01
18	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.12	1.78	.00	.00	1.13	.00	.41
20	.00	.30	.00	.00	.00	.00	.38	.00	.10
21	.00	.00	.17	.23	.00	.00	.00	.00	.08
22	.00	.00	.19	.00	.00	.00	.00	.00	.06
23	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.71	.00	.22	.00	.71	.00	.00	.33
25	.00	.00	.00	.13	.00	.26	.00	.00	.05
26-29	.00	.01	.00	.02	.02	.00	.00	.00	.01
30-39	.00	.00	.01	.02	.00	.00	.00	.11	.01
40-49	.00	.00	.02	.00	.22	.00	.00	.00	.03
50-59	.00	.02	.02	.00	.05	.00	.00	.00	.02
60-64	.00	.00	.00	.00	.10	.00	.00	.00	.01
65+	.00	.00	.00	.00	.00	.00	.00	.00	.00
Mean	.00	.02	.01	.05	.04	.03	.03	.02	.03

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 4.4c. Motor cycle riders (including pillion passengers):
Average number of fatalities per ten million kilometres
classified by age, sex and state.

	ACT	NSW	Vic	Qld	SA	WA	Tas	NT	Mean
Males									
9-15		.91							.91
16					8.73				8.73
17		17.44	1.51		7.93	37.69			6.90
18		29.57	7.69	94.50	6.76	6.91		.00	15.34
19	2.06	2.24	4.98	18.90		5.87			3.60
20	1.71	3.99	11.61	36.39	46.68			3.65	7.06
21	3.15	7.17	10.26	9.35		6.48			7.67
22		7.70	4.73	8.42	23.83	.63	.00		4.03
23		4.12	1.41	3.99	3.84				3.02
24	.00	6.36	7.77	5.31	2.35	9.02			5.03
25		2.76	2.03	2.78	10.14	2.56			2.75
26-29		3.61	1.28	6.35	1.64	1.39	6.66	.70	2.56
30-39		.82	1.73	1.79	1.50	.87	2.62	4.37	1.21
40-49		.80	4.21	.24	.82	.81	.00	.00	.63
50-59		2.03	.90	1.24	.44	.49			1.09
60-64			9.72	.00					7.23
65+	.00	.00	10.18	.00					.52
Mean	1.37	2.89	3.05	3.70	2.72	1.86	2.55	1.63	2.86
Females									
9-15						.00			.00
16						.00			.00
17					.00				.00
18									.00
19			.00	.00			.00		.00
20		4.16					.00		3.54
21			5.81	.00					3.27
22			2.26						2.26
23									.00
24		1.02		.00		2.10			1.11
25				.00		.00			.00
26-29		.00	38.67	11.69	18.16				8.74
30-39		22.08	8.43	3.83				.00	7.22
40-49			9.21		.00				1.41
50-59		.00	.00		.00				.00
60-64					.00				.00
65+									.00
Mean		2.16	4.16	.53	.55	.84	.00	.00	1.48

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

Table 4.4d. Motor cycle riders, including pillion passengers
(Australia, 1985-86):
Average time spent travelling (minutes) per person per day
classified by age, sex and state.

	ACT	NSW	Vic	Qld	SA	WA	Tas	NT	Mean
Males									
9-15	.00	.18	.00	.00	.00	.00	.00	.00	.06
16	.00	.00	.00	.00	.55	.00	.00	.00	.06
17	.00	.62	1.62	.00	1.78	.63	.00	.00	.90
18	.00	.66	1.12	.27	.31	.59	.00	4.73	.70
19	14.17	3.45	1.02	.89	.00	1.29	.00	.00	1.92
20	3.21	3.89	1.28	.72	.60	.00	.00	23.86	2.15
21	14.24	2.30	1.21	2.58	.00	4.46	.00	.00	2.09
22	.00	1.99	1.41	6.37	.97	16.96	1.52	.00	3.51
23	.00	2.39	5.82	5.07	2.36	.00	.00	.00	3.44
24	6.90	2.87	.91	3.04	6.93	1.29	.00	.00	2.54
25	.00	5.73	2.14	3.59	.72	1.21	.00	.00	3.32
26-29	.00	1.32	1.20	1.24	2.38	3.61	.71	7.06	1.64
30-39	.00	1.51	.75	1.76	1.51	1.30	1.10	1.47	1.29
40-49	.00	.22	.25	1.56	.85	1.07	.21	.13	.56
50-59	.00	.31	.23	.19	1.26	.72	.00	.00	.38
60-64	.00	.00	.06	.02	.00	.00	.00	.00	.02
65+	3.67	.11	.04	.27	.00	.00	.00	.00	.12
Mean	.92	.90	.61	1.09	.95	1.21	.28	1.91	.87
Females									
9-15	.00	.00	.00	.00	.00	.24	.00	.00	.02
16	.00	.00	.00	.00	.00	.58	.00	.00	.06
17	.00	.00	.00	.00	1.71	.00	.00	.00	.19
18	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.40	1.78	.00	.00	3.38	.00	.56
20	.00	.89	.00	.00	.00	.00	.57	.00	.29
21	.00	.00	.37	.28	.00	.00	.00	.00	.13
22	.00	.00	.69	.00	.00	.00	.00	.00	.20
23	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	1.08	.00	.90	.00	1.31	.00	.00	.60
25	.00	.00	.00	.28	.00	.64	.00	.00	.12
26-29	.00	.02	.02	.04	.06	.00	.00	.00	.02
30-39	.00	.00	.02	.07	.00	.00	.00	.26	.02
40-49	.00	.00	.04	.00	.62	.00	.00	.00	.07
50-59	.00	.02	.04	.00	.15	.00	.00	.00	.03
60-64	.00	.00	.00	.00	.48	.00	.00	.00	.05
65+	.00	.00	.00	.00	.00	.00	.00	.00	.00
Mean	.00	.04	.04	.08	.18	.09	.07	.06	.06

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 4.4e. Motor cycle riders (including pillion passengers):
Average number of fatalities per one million hours
classified by age, sex and state.

	ACT	NSW	Vic	Qld	SA	WA	Tas	NT	Mean
Males									
9-15		2.71							2.71
16				36.99					36.99
17		38.72	7.20		6.00	96.92			31.16
18		76.04	23.74	113.4	20.28	33.31		.00	56.11
19	9.03	17.71	20.21	72.16		36.07			31.86
20	11.37	14.69	34.67	79.84	135.3			6.20	44.90
21	7.89	24.11	25.01	25.02		12.98			23.14
22		22.89	22.28	13.54	32.77	2.25	.00		19.75
23		8.92	3.12	11.84	13.97				8.37
24	.00	16.23	37.27	17.32	6.09	16.24			21.63
25		4.54	7.51	7.25	40.56	12.26			9.37
26-29		14.47	6.50	20.78	3.87	4.99	15.38	3.44	11.66
30-39		4.21	6.42	4.97	6.89	3.45	5.73	13.56	5.23
40-49		2.52	6.04	1.21	2.62	2.86	.00	.00	3.18
50-59		6.33	1.91	4.04	.98	2.05			3.84
60-64			14.57	.00					8.85
65+	.00	.00	13.03	.00					4.20
Mean	4.76	8.40	10.08	12.25	12.13	9.59	5.42	6.81	9.77
Females									
9-15						.00			.00
16						.00			.00
17					.00				.00
18									
19			.00	.00			.00		.00
20		8.32					.00		7.32
21			16.02	.00					10.12
22			3.68						3.68
23									
24		3.97		.00		6.85			3.36
25				.00		.00			.00
26-29		.00	34.45	29.91	28.51				18.35
30-39		105.9	15.18	7.45				.00	54.33
40-49			18.94		.00				13.68
50-59		.00	.00		.00				.00
60-64					.00				.00
65+									
Mean		45.24	14.79	11.08	5.53	.53	.00	.00	23.65

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

Table 4.4f. Motor cycle riders, including pillion passengers
(Australia, 1985-86):
Average number of trip segments per person per day
classified by age, sex and state.

	ACT	NSW	Vic	Qld	SA	WA	Tas	NT	Mean
Males									
9-15	.00	.01	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.07	.00	.00	.00	.01
17	.00	.02	.03	.00	.21	.06	.00	.00	.04
18	.00	.09	.09	.02	.03	.07	.00	.47	.07
19	.17	.14	.06	.05	.00	.11	.00	.00	.09
20	.21	.23	.08	.06	.20	.00	.00	2.78	.16
21	.62	.26	.05	.16	.00	.20	.00	.00	.15
22	.00	.14	.14	.48	.08	.14	.05	.00	.18
23	.00	.26	.08	.43	.20	.00	.00	.00	.20
24	.33	.18	.06	.17	.38	.13	.00	.00	.15
25	.00	.13	.11	.18	.05	.06	.00	.00	.11
26-29	.00	.08	.07	.06	.10	.15	.13	.57	.09
30-39	.00	.06	.04	.11	.12	.06	.02	.11	.07
40-49	.00	.02	.01	.06	.05	.05	.03	.04	.03
50-59	.00	.04	.02	.01	.06	.02	.00	.00	.03
60-64	.00	.00	.00	.01	.00	.00	.00	.00	.00
65+	.13	.01	.00	.02	.00	.00	.00	.00	.01
Mean	.03	.05	.03	.06	.07	.05	.02	.18	.05
Females									
9-15	.00	.00	.00	.00	.00	.02	.00	.00	.00
16	.00	.00	.00	.00	.00	.03	.00	.00	.00
17	.00	.00	.00	.00	.14	.00	.00	.00	.01
18	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.02	.11	.00	.00	.07	.00	.03
20	.00	.02	.00	.00	.00	.00	.08	.00	.01
21	.00	.00	.01	.02	.00	.00	.00	.00	.01
22	.00	.00	.02	.00	.00	.00	.00	.00	.01
23	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.05	.00	.09	.00	.12	.00	.00	.04
25	.00	.00	.00	.02	.00	.03	.00	.00	.01
26-29	.00	.00	.00	.00	.01	.00	.00	.00	.00
30-39	.00	.00	.00	.01	.00	.00	.00	.01	.00
40-49	.00	.00	.00	.00	.04	.00	.00	.00	.01
50-59	.00	.00	.00	.00	.01	.00	.00	.00	.00
60-64	.00	.00	.00	.00	.02	.00	.00	.00	.00
65+	.00	.00	.00	.00	.00	.00	.00	.00	.00
Mean	.00	.00	.00	.01	.01	.01	.00	.00	.00

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 4.4g. Motor cycle riders (including pillion passengers):
Average number of fatalities per one million trip segments
classified by age, sex and state.

	ACT	NSW	Vic	Qld	SA	WA	Tas	NT	Mean
Males									
9-15		.84							.84
16					5.24				5.24
17		16.14	6.87		.84	16.97			7.03
18		8.87	4.87	23.60	3.38	4.58		.00	6.81
19	12.79	7.04	6.14	21.41		6.87			8.63
20	2.85	4.22	9.46	16.66	6.66			.89	5.34
21	3.02	3.49	10.58	6.77		4.72			4.86
22		5.33	3.75	3.02	6.55	4.46	.00		3.99
23		1.39	3.92	2.33	2.81				2.09
24	.00	4.38	9.74	5.03	1.86	2.71			4.32
25		3.26	2.43	2.40	10.14	3.83			3.07
26-29		4.15	2.00	6.96	1.49	1.95	1.39	.71	3.03
30-39		1.73	1.87	1.37	1.43	1.26	4.54	3.17	1.64
40-49		.44	2.05	.49	.70	.97	.00	.00	.73
50-59		.92	.45	.91	.33	1.01			.72
60-64			4.85	.00					2.34
65+	.00	.00	3.26	.00					.32
Mean	2.86	3.20	3.61	3.25	1.98	2.81	1.56	1.02	3.01
Females									
9-15						.00			.00
16						.00			.00
17					.00				.00
18									
19			.00	.00			.00		.00
20		5.22					.00		3.63
21			9.34	.00					4.15
22			2.15						2.15
23									
24		1.59		.00		1.29			.98
25				.00		.00			.00
26-29		.00	2.28	7.48	3.09				2.02
30-39		4.42	2.53	1.06				.00	2.12
40-49			5.52		.00				.71
50-59		.00	.00		.00				.00
60-64					.00				.00
65+									
Mean		2.28	2.80	.47	.20	.40	.00	.00	1.01

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

4.5 Holiday periods

There was no statistically significant difference, for any of the at-risk measures, between the fatality rate for male motor cyclists between the holiday and non-holiday periods (F statistic for distance travelled, for 1 and 106 df, = 0.6, $p > 0.05$; estimated relative rate between the holiday and non-holiday periods = 1.2 with a 95% confidence interval from 0.7 to 2.0). There was no evidence that this relative rate varied with age (F statistic for linear age interaction, for 1 and 106 df, = 1.3, $p > 0.05$).

Table 4.5a. Motor cycle riders (including pillion passengers):
Number of fatalities in 1984-85 in Australia
classified by age, sex, state and holiday period.

	ACT		New South Wales		Victoria		Queensland		South Australia	
	NH	H	NH	H	NH	H	NH	H	NH	H
Males										
9-15	0	0	0	2	1	3	1	0	0	1
16	0	0	6	1	0	0	3	0	4	0
17	0	0	15	2	5	0	5	2	2	0
18	0	0	18	9	8	3	6	1	1	0
19	2	1	17	10	5	3	15	2	3	2
20	1	0	21	7	12	5	13	0	9	2
21	2	0	19	6	10	2	13	4	4	1
22	0	0	15	4	8	4	10	7	1	3
23	0	0	10	2	3	4	11	4	4	1
24	0	0	13	9	10	4	9	3	2	3
25	0	0	8	5	3	3	3	3	3	0
26-29	1	1	27	8	7	4	21	5	4	0
30-39	0	1	20	9	11	5	13	4	10	1
40-49	0	0	2	0	4	0	2	1	1	1
50-59	0	0	3	3	0	1	1	0	0	1
60-64	0	0	0	0	1	0	0	0	1	0
65+	0	0	0	0	0	1	0	0	0	0
Total	6	3	194	77	88	42	126	36	49	16
Females										
9-15	0	0	2	0	0	0	1	0	0	0
16	0	0	0	0	0	0	0	0	0	0
17	1	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0
19	1	0	3	0	0	0	0	0	0	0
20	0	0	3	0	0	0	0	1	0	0
21	0	0	0	0	1	1	0	0	0	1
22	0	0	1	1	1	0	0	0	0	0
23	0	0	0	0	1	0	0	0	0	0
24	0	0	1	1	0	0	0	0	0	0
25	0	0	0	0	1	0	0	0	0	0
26-29	0	0	0	0	1	0	1	0	1	0
30-39	0	0	1	1	1	0	1	0	1	0
40-49	0	0	0	0	1	1	0	0	0	0
50-59	0	0	0	0	0	0	0	0	0	0
60-64	0	0	1	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0	0
Total	2	0	12	3	7	2	3	1	2	1

Source: FORS Fatal File 1984-85

(continued)

Table 4.5a. Motor cycle riders (including pillion passengers):
Number of fatalities in 1984-85 in Australia
classified by age, sex, state and holiday period.

	Western Australia		Tasmania		NT		Total	
	NH	H	NH	H	NH	H	NH	H
Males								
9-15	1	1	0	0	0	0	3	7
16	0	0	2	0	0	0	15	1
17	7	2	0	1	0	0	34	7
18	3	0	2	1	0	0	38	14
19	3	4	2	0	1	0	48	22
20	0	0	0	0	1	1	57	15
21	6	2	1	0	1	1	56	16
22	3	1	0	0	0	1	37	20
23	6	0	0	0	1	1	35	12
24	1	1	1	0	1	1	37	21
25	2	0	0	0	0	0	19	11
26-29	6	4	1	1	1	1	68	24
30-39	3	2	1	1	2	1	60	24
40-49	3	0	0	0	0	0	12	2
50-59	0	1	0	0	0	0	4	6
60-64	0	0	0	0	0	0	2	0
65+	0	0	0	0	0	0	0	1
Total	44	18	10	4	8	7	525	203
Females								
9-15	0	0	0	1	0	0	3	1
16	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	1	0
18	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	4	0
20	0	0	0	0	0	0	3	1
21	0	0	0	0	0	0	1	2
22	0	0	0	0	0	1	2	2
23	0	0	0	0	0	0	1	0
24	0	1	0	0	0	0	1	2
25	0	0	0	0	0	0	1	0
26-29	0	0	0	0	0	0	3	0
30-39	1	0	0	0	0	0	5	1
40-49	0	0	0	0	0	0	1	1
50-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	1	0
65+	0	0	0	0	0	0	0	0
Total	1	1	0	1	0	1	27	10

Source: FORS Fatal File 1984-85

Table 4.5b. Motor cycle riders, including pillion passengers
(Australia, 1985-86):
Average distance travelled (km) per person per day
classified by age, sex, state and holiday period.

	ACT		New South Wales		Victoria		Queensland		South Australia	
	NH	H	NH	H	NH	H	NH	H	NH	H
Males										
9-15	.00	.00	.11	.03	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.52	.00
17	.00	.00	.04	.81	1.28	1.32	.00	.00	.30	.00
18	.00	.00	.37	.00	.76	.00	.00	.22	.00	.64
19	.00	41.04	6.01	.00	.91	.00	.75	.00	.00	.00
20	.00	14.14	2.92	.73	.83	.00	.35	.00	.30	.24
21	7.94	.00	1.62	.25	.64	.00	1.53	.00	.00	.00
22	.00	.00	1.31	.00	1.45	.00	2.27	.00	.29	.00
23	.00	.00	1.01	.40	.88	6.20	3.23	.28	1.89	.00
24	4.82	14.74	.80	2.51	.71	.81	2.19	.00	3.38	1.78
25	.00	.00	2.08	.00	1.73	.00	.60	4.47	.63	.00
26-29	.00	.00	1.00	.53	1.06	.89	.67	.71	1.14	.27
30-39	.00	.00	1.34	1.12	.60	.01	.93	.45	1.27	.79
40-49	.00	.00	.06	.28	.08	.00	1.67	.24	.59	.04
50-59	.00	.00	.21	.00	.08	.08	.08	.19	.53	.23
60-64	.00	.00	.00	.00	.02	.00	.00	.03	.00	.00
65+	3.04	.00	.06	.00	.01	.00	.08	.00	.00	.00
Mean	.36	1.54	.64	.36	.38	.24	.66	.28	.57	.23
Females										
9-15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	.12	.00
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.16	.00	2.36	.00	.00	.00
20	.00	.00	.38	.02	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.22	.00	.30	.00	.00	.00
22	.00	.00	.00	.00	.24	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.93	.00	.00	.00	.29	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.17	.00	.00	.00
26-29	.00	.00	.02	.00	.00	.00	.02	.00	.02	.00
30-39	.00	.00	.00	.00	.01	.00	.02	.03	.00	.00
40-49	.00	.00	.00	.00	.02	.00	.00	.00	.29	.00
50-59	.00	.00	.02	.00	.03	.00	.00	.00	.07	.00
60-64	.00	.00	.00	.00	.00	.00	.00	.00	.13	.00
65+	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
Mean	.00	.00	.03	.00	.02	.00	.07	.00	.06	.00

Source: Survey of Day-to-Day Travel in Australia 1985-86

(continued)

Table 4.5b. Motor cycle riders, including pillion passengers
(Australia, 1985-86):
Average distance travelled (km) per person per day
classified by age, sex, state and holiday period.

	Western Australia		Tasmania		NT		Mean	
	NH	H	NH	H	NH	H	NH	H
Males								
9-15	.00	.00	.00	.00	.00	.00	.04	.01
16	.00	.00	.00	.00	.00	.00	.05	.00
17	.36	.00	.00	.00	.00	.00	.39	.66
18	.30	.96	.00	.00	1.95	.00	.38	.19
19	1.77	.00	.00	.00	.00	.00	2.48	.69
20	.00	.00	.00	.00	9.31	.00	1.41	.55
21	.17	5.35	.00	.00	.00	.00	1.06	.58
22	13.44	.16	2.07	.00	.00	.00	2.36	.01
23	.00	.00	.00	.00	.00	.00	1.32	1.77
24	.52	.00	.00	.00	.00	.00	1.25	1.50
25	.65	1.90	.00	.00	.00	.00	1.39	.90
26-29	1.39	4.43	.19	.51	.56	19.59	.96	1.30
30-39	.80	1.02	.55	.00	.88	.45	.98	.63
40-49	.83	.05	.08	.00	.00	.19	.43	.14
50-59	.00	1.98	.00	.00	.00	.00	.16	.23
60-64	.00	.00	.00	.00	.00	.00	.01	.01
65+	.00	.00	.00	.00	.00	.00	.06	.00
Mean	.66	.92	.15	.04	.54	2.61	.55	.38
Females								
9-15	.01	.15	.00	.00	.00	.00	.00	.01
16	.28	.00	.00	.00	.00	.00	.03	.00
17	.00	.00	.00	.00	.00	.00	.01	.00
18	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	4.24	.00	.00	.51	.11
20	.00	.00	.00	1.43	.00	.00	.11	.07
21	.00	.00	.00	.00	.00	.00	.10	.00
22	.00	.00	.00	.00	.00	.00	.07	.00
23	.00	.00	.00	.00	.00	.00	.00	.00
24	.95	.00	.00	.00	.00	.00	.44	.00
25	.00	1.00	.00	.00	.00	.00	.03	.11
26-29	.00	.00	.00	.00	.00	.00	.01	.00
30-39	.00	.00	.00	.00	.15	.00	.01	.00
40-49	.00	.00	.00	.00	.00	.00	.03	.00
50-59	.00	.00	.00	.00	.00	.00	.02	.00
60-64	.00	.00	.00	.00	.00	.00	.01	.00
65+	.00	.00	.00	.00	.00	.00	.00	.00
Mean	.02	.05	.00	.10	.03	.00	.03	.01

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 4.5c. Motor cycle riders (including pillion passengers):
Average number of fatalities per ten million kilometres
classified by age, sex, state and holiday period.

	ACT		New South Wales		Victoria		Queensland		South Australia	
	NH	H	NH	H	NH	H	NH	H	NH	H
Males										
9-15			.00	13.14						
16									8.73	
17			113.9	2.37	2.00	.00			7.93	
18			19.71		5.59			13.50		.00
19		.69	1.41		3.11		16.68			
20		.00	3.24	13.39	8.20		36.39		47.98	41.67
21	3.15		5.72	36.38	8.55		7.15			
22			6.08		3.15		4.95			5.96
23			3.88	6.03	1.94	1.17	3.01	39.08	3.07	
24	.00	.00	7.55	5.19	7.56	8.38	3.98		1.10	9.83
25			1.70		1.02		4.76	1.97	10.14	
26-29			3.27	5.60	1.03	2.24	6.90	4.74	1.76	.00
30-39			.72	1.21	1.19	82.86	1.58	3.08	1.63	.83
40-49			1.91	.00	4.21		.17	1.79	.42	19.36
50-59			1.02		.00	3.81	2.20	.00	.00	3.72
60-64					9.72			.00		
65+	.00		.00		.00		.00			
Mean	1.11	.39	2.43	3.19	2.52	2.64	3.10	3.60	2.32	3.64
Females										
9-15										
16										
17									.00	
18										
19					.00		.00			
20			4.24	.00						
21					2.90		.00			
22					2.26					
23										
24			.51				.00			
25							.00			
26-29			.00		38.67		11.69		18.16	
30-39			11.04		8.43		5.35	.00		
40-49					4.60				.00	
50-59			.00		.00				.00	
60-64									.00	
65+										
Mean			1.55	.00	2.97		.55	.00	.55	

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86.

(continued)

Table 4.5c. Motor cycle riders (including pillion passengers):
Average number of fatalities per ten million kilometres
classified by age, sex, state and holiday period.

	Western Australia		Tasmania		NT		Mean	
	NH	H	NH	H	NH	H	NH	H
Males								
9-15							.00	13.14
16							8.73	
17	29.31						9.27	1.21
18	14.37	.00			.00		10.56	2.23
19	2.51						2.54	.69
20					1.82		6.19	7.78
21	58.01	1.77					7.09	6.18
22	.48	38.35	.00				2.66	38.35
23							3.08	2.59
24	4.51						4.44	5.23
25	5.11	.00					2.12	1.57
26-29	1.74	1.06	6.60	6.72	4.99	.38	2.77	2.09
30-39	.75	1.16	1.31		3.48	8.98	1.06	1.85
40-49	.83	.00	.00			.00	.59	.93
50-59		.49					.64	1.02
60-64							9.72	.00
65+							.00	
Mean	1.88	1.07	1.41	6.72	2.64	.72	2.49	2.40
Females								
9-15	.00	.00					.00	.00
16	.00						.00	
17							.00	
18								
19				.00			.00	.00
20				.00			4.24	.00
21							1.63	
22							2.26	
23								
24	.00						.37	
25		.00					.00	.00
26-29							8.74	
30-39					.00		6.26	.00
40-49							.71	
50-59							.00	
60-64							.00	
65+								
Mean	.00	.00		.00	.00		1.16	.00

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

Table 4.5d. Motor cycle riders, including pillion passengers
(Australia, 1985-86):
Average time spent travelling (minutes) per person per day
classified by age, sex, state and holiday period.

	ACT		New South Wales		Victoria		Queensland		South Australia	
	NH	H	NH	H	NH	H	NH	H	NH	H
Males										
9-15	.00	.00	.12	.38	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.73	.00
17	.00	.00	.45	1.14	1.15	3.11	.00	.00	2.34	.00
18	.00	.00	.87	.00	1.47	.00	.00	1.10	.00	1.28
19	.00	56.27	4.56	.00	1.34	.00	1.18	.00	.00	.00
20	.00	12.73	4.62	1.64	1.68	.00	.96	.00	.55	.77
21	19.03	.00	2.23	2.50	1.58	.00	3.43	.00	.00	.00
22	.00	.00	2.63	.00	1.85	.00	8.45	.00	1.28	.00
23	.00	.00	2.79	1.14	1.55	19.49	6.39	1.04	3.11	.00
24	3.29	17.63	1.48	7.18	.95	.81	4.03	.00	6.02	9.80
25	.00	.00	7.58	.00	2.80	.00	2.00	8.42	.95	.00
26-29	.00	.00	1.52	.69	1.16	1.36	1.25	1.22	2.82	.97
30-39	.00	.00	1.59	1.23	.94	.13	1.91	1.29	1.61	1.18
40-49	.00	.00	.17	.37	.33	.00	1.91	.47	1.08	.14
50-59	.00	.00	.41	.00	.22	.28	.12	.42	1.51	.48
60-64	.00	.00	.00	.00	.08	.00	.00	.07	.00	.00
65+	4.91	.00	.15	.00	.05	.00	.36	.00	.00	.00
Mean	.59	1.90	.98	.63	.60	.61	1.23	.63	1.08	.55
Females										
9-15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	2.25	.00
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.53	.00	2.36	.00	.00	.00
20	.00	.00	.72	1.41	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.49	.00	.38	.00	.00	.00
22	.00	.00	.00	.00	.90	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	1.43	.00	.00	.00	1.19	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.37	.00	.00	.00
26-29	.00	.00	.03	.00	.02	.00	.05	.00	.08	.00
30-39	.00	.00	.01	.00	.02	.00	.06	.11	.00	.00
40-49	.00	.00	.00	.00	.06	.00	.00	.00	.81	.00
50-59	.00	.00	.03	.00	.05	.00	.00	.00	.20	.00
60-64	.00	.00	.00	.00	.00	.00	.00	.00	.63	.00
65+	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
Mean	.00	.00	.04	.02	.05	.00	.10	.02	.24	.00

Source: Survey of Day-to-Day Travel in Australia 1985-86

(continued)

Table 4.5d. Motor cycle riders, including pillion passengers
(Australia, 1985-86):
Average time spent travelling (minutes) per person per day
classified by age, sex, state and holiday period.

	Western Australia		Tasmania		NT		Mean	
	NH	H	NH	H	NH	H	NH	H
Males								
9-15	.00	.00	.00	.00	.00	.00	.04	.13
16	.00	.00	.00	.00	.00	.00	.07	.00
17	.85	.00	.00	.00	.00	.00	.79	1.23
18	.30	1.41	.00	.00	6.51	.00	.79	.42
19	1.73	.00	.00	.00	.00	.00	2.22	.94
20	.00	.00	.00	.00	32.85	.00	2.57	.89
21	.42	16.29	.00	.00	.00	.00	2.00	2.30
22	22.48	.81	2.07	.00	.00	.00	4.65	.07
23	.00	.00	.00	.00	.00	.00	2.79	5.55
24	1.73	.00	.00	.00	.00	.00	2.13	3.82
25	.65	2.85	.00	.00	.00	.00	3.85	1.64
26-29	2.40	7.15	.35	1.69	1.10	22.85	1.51	1.97
30-39	1.25	1.45	1.50	.00	1.61	1.12	1.42	.91
40-49	1.39	.15	.29	.00	.00	.46	.67	.23
50-59	.00	2.82	.00	.00	.00	.00	.37	.41
60-64	.00	.00	.00	.00	.00	.00	.02	.01
65+	.00	.00	.00	.00	.00	.00	.16	.00
Mean	1.08	1.59	.33	.14	1.42	3.22	.92	.73
Females								
9-15	.01	.90	.00	.00	.00	.00	.00	.08
16	.78	.00	.00	.00	.00	.00	.08	.00
17	.00	.00	.00	.00	.00	.00	.25	.00
18	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	12.73	.00	.00	.62	.34
20	.00	.00	.00	2.15	.00	.00	.21	.51
21	.00	.00	.00	.00	.00	.00	.18	.00
22	.00	.00	.00	.00	.00	.00	.27	.00
23	.00	.00	.00	.00	.00	.00	.00	.00
24	1.75	.00	.00	.00	.00	.00	.80	.00
25	.00	2.51	.00	.00	.00	.00	.06	.27
26-29	.00	.00	.00	.00	.00	.00	.03	.00
30-39	.00	.00	.00	.00	.36	.00	.02	.02
40-49	.00	.00	.00	.00	.00	.00	.09	.00
50-59	.00	.00	.00	.00	.00	.00	.04	.00
60-64	.00	.00	.00	.00	.00	.00	.06	.00
65+	.00	.00	.00	.00	.00	.00	.00	.00
Mean	.05	.20	.00	.25	.08	.00	.07	.03

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 4.5e. Motor cycle riders (including pillion passengers):
Average number of fatalities per one million hours
classified by age, sex, state and holiday period.

	ACT		New South Wales		Victoria		Queensland		South Australia	
	NH	H	NH	H	NH	H	NH	H	NH	H
Males										
9-15			.00	5.26						
16									36.99	
17			62.12	10.12	13.30	.00			6.00	
18			50.69		17.26			16.19		.00
19		3.01	11.15		12.63		63.67			
20		.00	12.28	35.70	24.47		79.84		159.9	79.98
21	7.89		24.93	21.82	20.84		19.13			
22			18.07		14.86		7.96		8.19	
23			8.42	12.78	6.60	2.23	9.14	62.52	11.18	
24	.00	.00	24.60	10.88	33.78	50.25	12.99		3.69	10.72
25			2.79		3.75		8.61	6.26	40.56	
26-29			12.80	25.85	5.66	8.79	22.14	16.51	4.29	.00
30-39			3.62	6.55	4.60	49.70	4.64	6.49	7.72	3.32
40-49			4.26	.00	6.04		.87	5.42	1.36	33.21
50-59			3.17		.00	6.61	8.52	.00	.00	10.72
60-64					14.57			.00		
65+	.00		.00		.00		.00			
Mean	4.13	1.90	9.54	11.14	9.56	6.22	10.01	9.72	7.29	9.09
Females										
9-15										
16										
17									.00	
18										
19					.00		.00			
20			13.58	.00						
21					8.01		.00			
22					3.68					
23										
24			1.98				.00			
25							.00			
26-29			.00		34.45		29.91		28.51	
30-39			52.96		15.18		12.33	.00		
40-49					9.47				.00	
50-59			.00		.00				.00	
60-64									.00	
65+										
Mean			5.80	.00	5.99		2.31	.00	.81	

Sources: FORS Fatal File 1984-85

Survey of Day-to-Day Travel in Australia 1985-86

(continued)

Table 4.5e. Motor cycle riders (including pillion passengers):
Average number of fatalities per one million hours
classified by age, sex, state and holiday period.

	Western Australia		Tasmania		NT		Mean	
	NH	H	NH	H	NH	H	NH	H
Males								
9-15							.00	5.26
16							36.99	
17	75.38						27.78	3.88
18	86.25	.00			.00		30.18	6.01
19	15.46						17.02	3.01
20					3.10		20.42	29.12
21	139.2	3.49					22.54	9.43
22	1.71	45.99	.00				8.10	45.99
23							8.74	4.97
24	8.12						15.62	12.36
25	30.66	.00					4.58	5.20
26-29	6.03	3.96	21.13	12.09	15.17	1.94	10.58	8.28
30-39	2.88	4.89	2.86		11.43	21.66	4.42	7.73
40-49	2.96	.00	.00			.00	2.29	3.40
50-59		2.05					1.69	3.48
60-64							14.57	.00
65+							.00	
Mean	6.91	3.71	3.78	12.09	5.96	3.50	8.98	7.61
Females								
9-15	.00	.00					.00	.00
16	.00						.00	
17							.00	
18								
19				.00			.00	.00
20				.00			13.58	.00
21							5.54	
22							3.68	
23								
24	.00						1.21	
25		.00					.00	.00
26-29							20.46	
30-39					.00		14.96	.00
40-49							1.49	
50-59							.00	
60-64							.00	
65+								
Mean	.00	.00		.00	.00		3.18	.00

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

Table 4.5f. Motor cycle riders, including pillion passengers
(Australia, 1985-86):
Average number of trip segments per person per day
classified by age, sex, state and holiday period.

	ACT		New South Wales		Victoria		Queensland		South Australia	
	NH	H	NH	H	NH	H	NH	H	NH	H
Males										
9-15	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.09	.00
17	.00	.00	.02	.05	.01	.08	.00	.00	.28	.00
18	.00	.00	.12	.00	.12	.00	.00	.09	.00	.13
19	.00	.66	.19	.00	.07	.00	.07	.00	.00	.00
20	.00	.85	.28	.07	.10	.00	.08	.00	.24	.08
21	.83	.00	.19	.50	.06	.00	.21	.00	.00	.00
22	.00	.00	.19	.00	.18	.00	.63	.00	.11	.00
23	.00	.00	.29	.16	.06	.12	.55	.07	.26	.00
24	.22	.64	.11	.37	.05	.08	.23	.00	.38	.36
25	.00	.00	.18	.00	.14	.00	.08	.47	.06	.00
26-29	.00	.00	.09	.02	.06	.07	.06	.06	.12	.05
30-39	.00	.00	.05	.10	.05	.00	.12	.06	.13	.11
40-49	.00	.00	.01	.05	.02	.00	.08	.02	.06	.02
50-59	.00	.00	.05	.00	.02	.02	.01	.04	.07	.05
60-64	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00
65+	.18	.00	.01	.00	.00	.00	.03	.00	.00	.00
Mean	.03	.05	.05	.05	.03	.01	.07	.03	.08	.04
Females										
9-15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	.18	.00
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.03	.00	.14	.00	.00	.00
20	.00	.00	.02	.05	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.01	.00	.03	.00	.00	.00
22	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.06	.00	.00	.00	.11	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00
26-29	.00	.00	.01	.00	.01	.00	.00	.00	.01	.00
30-39	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00
40-49	.00	.00	.00	.00	.00	.00	.00	.00	.06	.00
50-59	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00
60-64	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00
65+	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
Mean	.00	.00	.00	.00	.00	.00	.01	.00	.02	.00

Source: Survey of Day-to-Day Travel in Australia 1985-86

(continued)

Table 4.5f. Motor cycle riders, including pillion passengers
(Australia, 1985-86):
Average number of trip segments per person per day
classified by age, sex, state and holiday period.

	Western Australia		Tasmania		NT		Mean	
	NH	H	NH	H	NH	H	NH	H
Males								
9-15	.00	.00	.00	.00	.00	.00	.00	.01
16	.00	.00	.00	.00	.00	.00	.01	.00
17	.08	.00	.00	.00	.00	.00	.05	.04
18	.08	.06	.00	.00	.65	.00	.09	.03
19	.15	.00	.00	.00	.00	.00	.11	.01
20	.00	.00	.00	.00	3.83	.00	.19	.05
21	.12	.45	.00	.00	.00	.00	.13	.20
22	.14	.16	.07	.00	.00	.00	.23	.01
23	.00	.00	.00	.00	.00	.00	.24	.10
24	.17	.00	.00	.00	.00	.00	.14	.19
25	.04	.13	.00	.00	.00	.00	.12	.09
26-29	.10	.33	.12	.17	.04	1.96	.08	.11
30-39	.06	.05	.03	.00	.11	.08	.07	.06
40-49	.07	.02	.04	.00	.04	.05	.03	.03
50-59	.00	.10	.00	.00	.00	.00	.03	.02
60-64	.00	.00	.00	.00	.00	.00	.00	.00
65+	.00	.00	.00	.00	.00	.00	.01	.00
Mean	.04	.06	.02	.01	.14	.27	.05	.04
Females								
9-15	.01	.04	.00	.00	.00	.00	.00	.00
16	.03	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.02	.00
18	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.28	.00	.00	.04	.01
20	.00	.00	.00	.29	.00	.00	.00	.03
21	.00	.00	.00	.00	.00	.00	.01	.00
22	.00	.00	.00	.00	.00	.00	.01	.00
23	.00	.00	.00	.00	.00	.00	.00	.00
24	.15	.00	.00	.00	.00	.00	.05	.00
25	.00	.11	.00	.00	.00	.00	.00	.01
26-29	.00	.00	.00	.00	.00	.00	.01	.00
30-39	.00	.00	.00	.00	.02	.00	.00	.00
40-49	.00	.00	.00	.00	.00	.00	.01	.00
50-59	.00	.00	.00	.00	.00	.00	.00	.00
60-64	.00	.00	.00	.00	.00	.00	.00	.00
65+	.00	.00	.00	.00	.00	.00	.00	.00
Mean	.01	.01	.00	.01	.00	.00	.00	.00

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 4.5g. Motor cycle riders (including pillion passengers):
Average number of fatalities per one million trip segments
classified by age, sex, state and holiday period.

	ACT		New South Wales		Victoria		Queensland		South Australia	
	NH	H	NH	H	NH	H	NH	H	NH	H
Males										
9-15			.00	1.31						
16									5.24	
17			28.48	3.80	19.96	.00			.84	
18			5.91		3.54			3.37		.00
19		4.26	4.43		3.84		18.89			
20		.00	3.43	13.38	6.68		16.66		6.00	13.36
21	3.02		4.92	1.82	8.82		5.18			
22			4.21		2.50		1.78		1.64	
23			1.37	1.48	2.66	6.08	1.78	15.64	2.25	
24	.00	.00	5.31	3.51	10.41	8.37	3.77		.96	4.91
25			2.00		1.22		3.40	1.85	10.14	
26-29			3.43	14.00	1.69	2.93	7.33	5.75	1.68	.00
30-39			1.99	1.34	1.31	24.89	1.22	2.36	1.65	.62
40-49			1.14	.00	2.05		.36	2.00	.39	3.88
50-59			.46		.00	1.65	2.30	.00	.00	1.79
60-64					4.85			.00		
65+	.00		.00		.00		.00			
Mean	1.57	1.22	3.00	2.26	2.80	4.75	2.76	2.94	1.75	2.11
Females										
9-15										
16										
17									.00	
18										
19					.00		.00			
20			10.19	.00						
21					4.67		.00			
22					2.15					
23										
24			.80				.00			
25							.00			
26-29			.00		2.28		7.48		3.09	
30-39			2.21		2.53		1.37	.00		
40-49					2.76				.00	
50-59			.00		.00				.00	
60-64									.00	
65+										
Mean			1.79	.00	2.00		.50	.00	.20	

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

(continued)

Table 4.5g. Motor cycle riders (including pillion passengers):
Average number of fatalities per one million trip segments
classified by age, sex, state and holiday period.

	Western Australia		Tasmania		NT		Mean	
	NH	H	NH	H	NH	H	NH	H
Males								
9-15							.00	1.31
16							5.24	
17	13.20						7.86	1.99
18	5.75	.00			.00		4.48	1.38
19	2.94						5.76	4.26
20					.44		4.50	8.79
21	8.12	2.09					5.61	1.88
22	4.71	3.83	.00				2.69	3.83
23							1.71	4.42
24	1.35						3.96	4.11
25	7.67	.00					2.41	1.60
26-29	2.54	1.45	1.06	2.02	6.31	.38	3.24	2.55
30-39	.99	2.16	2.27		2.69	4.96	1.52	1.94
40-49	1.05	.00	.00		.00	.00	.78	.52
50-59		1.01					.36	1.07
60-64							4.85	.00
65+							.00	
Mean	2.91	1.54	.97	2.02	1.01	.69	2.66	2.32
Females								
9-15	.00	.00					.00	.00
16	.00						.00	
17							.00	
18								
19				.00			.00	.00
20				.00			10.19	.00
21							2.08	
22							2.15	
23								
24	.00						.33	
25		.00					.00	.00
26-29							2.02	
30-39					.00		1.79	.00
40-49							.36	
50-59							.00	
60-64							.00	
65+								
Mean	.00	.00		.00	.00		.81	.00

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

5. Bicyclists

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Bicyclists: summary of results

- . the fatality rate per distance travelled is highest for the youngest (9-12 year olds) and the oldest (aged 65 and over) bicyclists
[p177 ¶4, F4.2, T5A]
- . females have a fatality rate about half that of males
[p177 ¶3]
- . cycling at night is 4 times as risky as during the day
[p178 ¶1-2, T5A]
- . fatality rates do not vary greatly with day of the week, season or State and Territory
[p187, p195 ¶1, p203 ¶1, T5B]
- . average fatality rates are similar during holiday and non-holiday periods, although the cyclists under 21 may be at increased risk during holidays
[p211 ¶1-2]
- . all of the above results for the rate per distance travelled hold for the rate per time spent travelling and the rate per number of trips except that the sex difference is larger and the variation with age is less
[p177 ¶5, p187, p195, p203 ¶1, p211 ¶1]
- . the results for the rate per person are generally similar except that
 - the female rate is only 17% of the male rate [p177 ¶5]
 - variation with age is much less [p177 ¶5]
 - the night time rate is 76% of the day time rate [p178 ¶4]

Figure 5.1

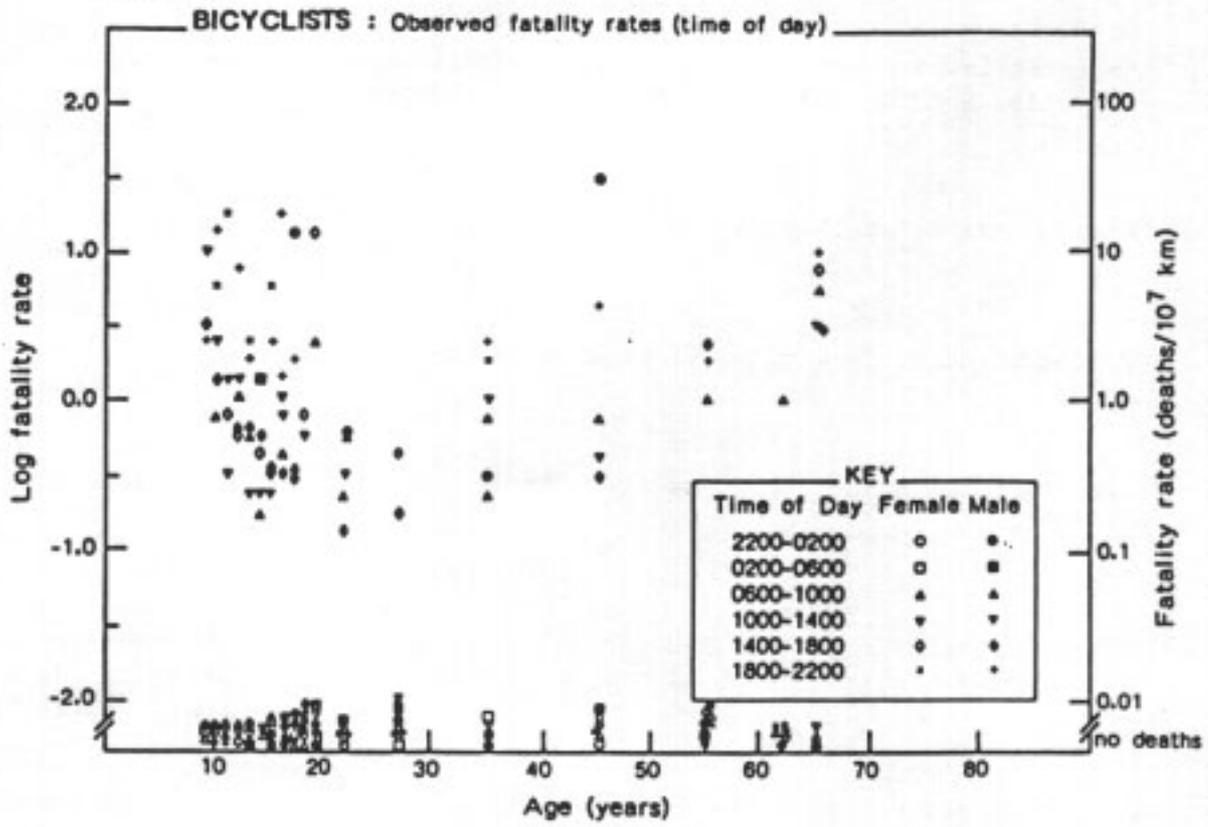
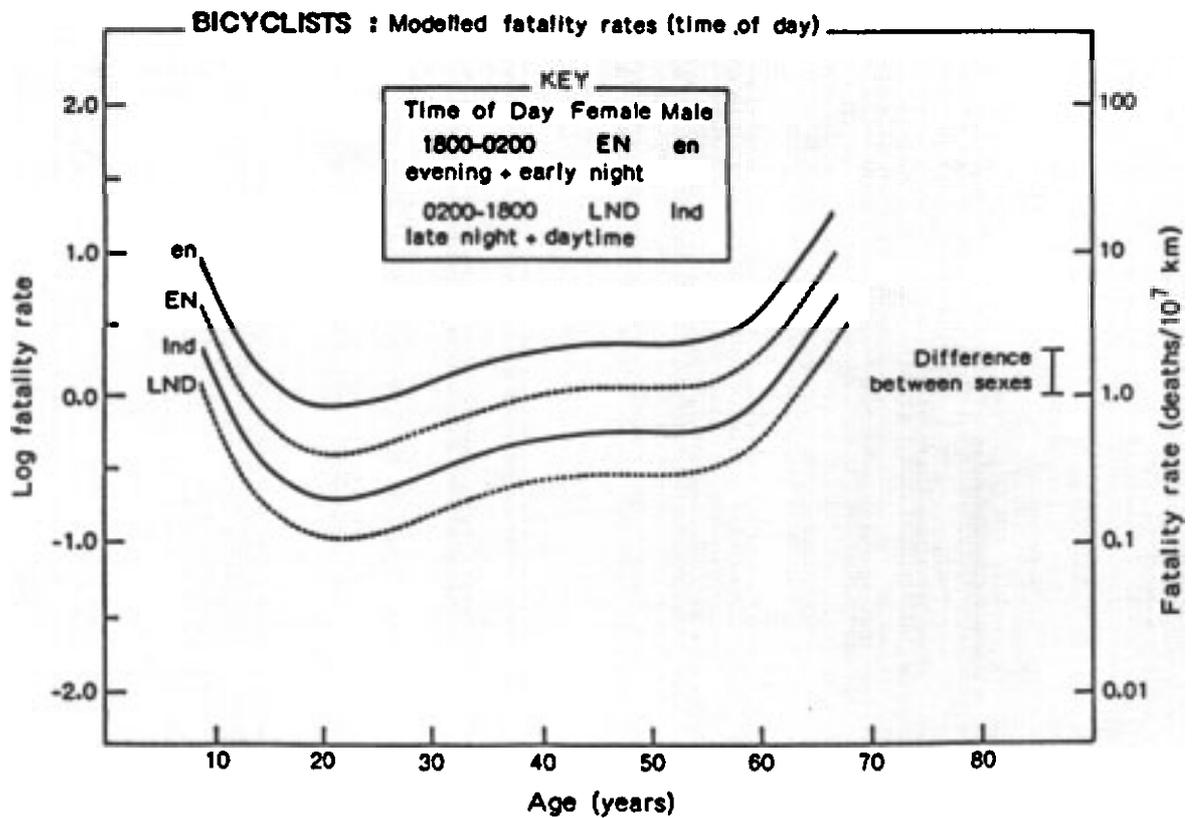


Figure 5.2



5. Bicyclists

5.0 Age and sex variation in fatality rates

Bicyclists were categorised into the following age groups: 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20-24, 25-29, 30-39, 40-49, 50-59, 60-64, and 65 and above. These groups were chosen because of particular interest in younger bicyclists.

Because only a small percentage of the population are frequent bicyclists, many of the at-risk estimates were based on limited data and a number of cells in the tables are missing. This was particularly true for females, and for the late night periods (2200-0200 and 0200-0600). The total number of female fatalities was only 22, which was insufficient for a separate analysis. However, the conclusions drawn from analysis were unchanged regardless of whether both sexes or males only were included. Although the results are reported for both sexes, these will mainly reflect the pattern for males.

Overall, the modelled fatality rate per distance travelled for females was a half (49%) that of males (chi-square statistic, for 1 df, = 8.8, $0.001 < p < 0.01$; 95% confidence interval for the relative rate of 30% to 81%).

Bicycle fatality rates varied with age (Figures 5.1 and 5.2). High rates were observed for persons aged 9 to 10, with rates decreasing to a minimum at ages 20 to 30. They showed a slight increase between ages 30 and 60, with a much sharper rise for the oldest groups. The modelled rate for 65 year olds was similar to that for 9 year olds. This result reflects that although there are few bicyclists over 65, the number of male fatalities for this group is 9% of the total male fatalities. The ages with the greatest risk are 12 and under, and 65 and over. This age variation required a quartic function of age to adequately describe it (chi-square statistic for quartic age term, for 1 df, = 14, $p < 0.001$).

If population was used at the at-risk measure, quite different results were obtained. For example, the modelled fatality rate for females was only 17% that of males, and the relative risk of 65 year olds to 20 year olds was less than 2 compared with 12 for distance. This underestimation is because, on average, females and old people cycle much less than do males and young people, respectively. The at-risk measures of time spent travelling and number of trips gave intermediate results (in both cases, female fatality rates were about one-third those of males, and the relative risk of 65 year olds to 20 year olds was about 7). This is probably because males and 20 year olds have higher average cycling speeds and take longer trips than females and 65 year olds respectively. This contrasts with other modes for which differences in average speed between groups appear to be negligible so that the at-risk measures of distance and time give equivalent results.

There was little evidence that the ratio of male to female fatality rates varied with age (chi-square statistic for a linear age interaction, for 1 df, = 1.0, $p > 0.05$).

5.1 Time of day

There was a large difference in bicyclist fatality rates between daytime and night time. Night was defined as 1800 to 0200, and day 0200 to 1800. The number of bicyclists riding between 0200 and 0600 was too small for any differences in fatality rate to be detected. For convenience, this period was grouped with the day periods.

Bicycle travel at night is four times as risky as bicycle travel during the day (chi-square statistic for day-night difference, for 1 df, = 42, $p < 0.001$; 95% confidence interval for the relative rate of 2.7 to 12; chi-square statistic for variation within the day and night periods, for 4 df, = 0.9, $p > 0.05$). The relative risk between night and day is independent of sex (chi-square statistic, for 1 df, = 0.2, $p > 0.05$) and age (chi-square statistic for linear age trend difference, for 1 df, = 0.0, $p > 0.05$).

The estimated bicycle fatality rates are:

Sex	Age	Estimated fatality rate (persons/10 ⁷ km)	
		Day 0200-1800	Night 1800-2200
Males	10	1.3	5
	15	.3	1.2
	20	.2	.8
	30	.3	1.2
	45	.5	2.1
	60	.9	3.6
	65	3	12
Females	10	.6	2.5
	15	.2	.6
	20	.1	.4
	30	.1	.6
	45	.3	1.0
	60	.4	1.7
	65	1.4	6

This is the model graphed in Figure 5.2.

The estimated relative fatality rate for night compared with day cycling was similar whether the exposure to risk was estimated using distance travelled (4.0), time spent travelling (3.6) or number of trips (4.1). For each of these measures, the difference was highly statistically significant ($p < 0.001$). However, when the at-risk measure was the number of persons in the population, the risk was apparently lower (0.76) at night than during the day, and the difference was not statistically significant. This reflects that people cycle more during the day than at night.

Table 5.1a. Bicyclists:
Number of fatalities in 1984-85 in Australia
classified by age, sex and time of day.

	2200 -0200	0200 -0600	0600 -1000	1000 -1400	1400 -1800	1800 -2200	Total	Persons ('000)
Males								
9-10	0	0	1	4	8	2	15	195
11	0	0	0	3	1	0	4	138
12	0	0	2	1	2	4	9	131
13	0	0	3	1	4	1	9	160
14	0	1	1	1	6	0	9	176
15	0	0	0	1	3	4	8	160
16	0	0	3	2	3	4	12	157
17	2	0	1	0	2	3	8	143
18	0	0	0	1	0	0	1	132
19	0	0	1	0	0	0	1	115
20-24	1	0	1	1	1	0	4	583
25-29	0	0	0	0	1	0	1	574
30-39	0	0	2	2	2	7	13	1043
40-49	2	0	2	1	1	2	8	848
50-59	0	0	4	0	2	1	7	692
60-64	0	0	4	0	0	0	4	347
65+	0	2	5	2	1	1	11	601
Total	5	3	30	20	37	29	124	6197
Females								
9-10	0	0	0	1	0	1	2	197
11	0	0	0	0	1	1	2	132
12	0	0	0	0	1	0	1	134
13	0	0	0	0	0	1	1	148
14	0	0	0	0	2	0	2	155
15	0	0	0	0	1	1	2	146
16	0	0	0	1	0	1	2	138
17	0	1	0	0	0	0	1	136
18	0	0	0	0	1	0	1	124
19	0	0	0	0	2	0	2	105
20-24	0	0	1	0	0	0	1	558
25-29	0	0	0	0	1	0	1	618
30-39	0	0	1	0	0	1	2	1056
40-49	0	0	0	0	0	0	0	769
50-59	0	0	0	0	0	0	0	689
60-64	0	0	0	0	0	0	0	357
65+	0	0	0	0	1	0	1	828
Total	0	1	2	2	10	6	22	6291

Source: FORS Fatal File 1984-85

Table 5.1b. Bicyclists (Australia, 1985-86):
Average distance travelled (km) per person per day
classified by age, sex and time of day.

	2200 -0200	0200 -0600	0600 -1000	1000 -1400	1400 -1800	1800 -2200	Total	Persons ('000)
Males								
9-10	.00	.00	.12	.08	.29	.03	.52	195
11	.00	.00	.20	.22	.30	.10	.82	138
12	.00	.00	.20	.09	.36	.05	.70	131
13	.00	.01	.48	.41	.64	.04	1.57	160
14	.00	.07	.38	.37	.81	.08	1.70	176
15	.01	.02	.50	.40	.79	.13	1.85	160
16	.01	.01	.64	.26	.92	.23	2.06	157
17	.02	.00	.28	.16	.61	.17	1.24	143
18	.04	.04	.25	.18	.33	.08	.91	132
19	.05	.00	.05	.08	.22	.21	.62	115
20-24	.04	.00	.09	.07	.16	.04	.41	583
25-29	.01	.00	.14	.12	.12	.06	.46	574
30-39	.00	.00	.10	.03	.08	.04	.25	1043
40-49	.00	.00	.04	.04	.06	.01	.15	848
50-59	.00	.01	.07	.04	.02	.01	.15	692
60-64	.00	.00	.14	.06	.03	.01	.24	347
65+	.00	.00	.02	.01	.01	.00	.04	601
Mean	.01	.01	.14	.09	.18	.05	.48	6197
Females								
9-10	.00	.00	.08	.01	.15	.01	.26	197
11	.00	.00	.07	.03	.14	.01	.24	132
12	.00	.00	.13	.05	.21	.02	.42	134
13	.00	.00	.16	.11	.33	.04	.64	148
14	.00	.00	.10	.07	.39	.12	.69	155
15	.00	.00	.15	.09	.27	.02	.53	146
16	.00	.00	.16	.10	.26	.01	.52	138
17	.00	.00	.16	.09	.17	.02	.44	136
18	.00	.00	.05	.16	.16	.01	.38	124
19	.00	.00	.03	.01	.02	.05	.11	105
20-24	.00	.00	.04	.08	.06	.06	.24	558
25-29	.00	.01	.06	.05	.05	.01	.18	618
30-39	.00	.00	.02	.01	.03	.01	.07	1056
40-49	.00	.00	.01	.02	.01	.00	.05	769
50-59	.00	.00	.00	.02	.01	.01	.04	689
60-64	.00	.00	.01	.01	.01	.00	.03	357
65+	.00	.00	.01	.00	.00	.00	.01	828
Mean	.00	.00	.04	.03	.07	.02	.16	6291

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 5.1c. Bicyclists:

Average number of fatalities per ten million kilometres classified by age, sex and time of day.

	2200 -0200	0200 -0600	0600 -1000	1000 -1400	1400 -1800	1800 -2200	Mean	Persons ('000)
Males								
9-10			.60	3.44	1.97	4.12	2.03	195
11			.00	1.34	.33	.00	.48	138
12			1.03	1.16	.59	7.97	1.34	131
13		.00	.53	.21	.54	1.99	.49	160
14		1.17	.20	.21	.58	.00	.41	176
15	.00	.00	.00	.21	.32	2.54	.37	160
16	.00	.00	.41	.68	.29	1.54	.51	157
17	12.65	.00	.34	.00	.32	1.66	.62	143
18	.00	.00	.00	.59	.00	.00	.11	132
19	.00		2.53	.00	.00	.00	.19	115
20-24	.53	.00	.25	.32	.15	.00	.23	583
25-29	.00	.00	.00	.00	.19	.00	.05	574
30-39	.00	.00	.25	.99	.35	2.24	.68	1043
40-49	30.22	.00	.72	.41	.27	3.94	.83	848
50-59	.00	.00	1.08	.00	2.07	1.64	.90	692
60-64			1.12	.00	.00	.00	.66	347
65+	.00		6.18	3.50	2.99	9.99	4.95	601
Mean	1.38	.36	.47	.47	.45	1.40	.56	6197
Females								
9-10		.00	.00	4.90	.00	5.22	.53	197
11			.00	.00	.73	17.89	.86	132
12			.00	.00	.49	.00	.24	134
13			.00	.00	.00	2.56	.15	148
14			.00	.00	.45	.00	.26	155
15			.00	.00	.35	6.16	.35	146
16	.00		.00	.99	.00	19.70	.38	138
17			.00	.00	.00	.00	.00	136
18			.00	.00	.68	.00	.29	124
19		.00	.00	.00	12.37	.00	2.37	105
20-24	.00		.55	.00	.00	.00	.10	558
25-29		.00	.00	.00	.40	.00	.12	618
30-39		.00	.71	.00	.00	1.91	.40	1056
40-49	.00		.00	.00	.00	.00	.00	769
50-59			.00	.00	.00	.00	.00	689
60-64			.00	.00	.00	.00	.00	357
65+			.00	.00	8.08	.00	1.47	828
Mean	.00	.00	.11	.13	.32	.86	.27	6291

Sources: FORS Fatal File 1984-85

Survey of Day-to-Day Travel in Australia 1985-86

Table 5.1d. Bicyclists (Australia, 1985-86):
Average time spent travelling (minutes) per person per day
classified by age, sex and time of day.

	2200 -0200	0200 -0600	0600 -1000	1000 -1400	1400 -1800	1800 -2200	Total	Persons ('000)
Males								
9-10	.00	.00	.83	.68	2.55	.23	4.29	195
11	.00	.00	1.31	1.28	2.16	.70	5.45	138
12	.00	.00	1.36	1.01	2.85	.39	5.61	131
13	.00	.03	2.44	2.34	4.35	.42	9.57	160
14	.00	.36	3.25	3.01	5.84	.51	12.97	176
15	.28	.23	2.79	2.47	5.29	1.15	12.22	160
16	.04	.04	3.30	1.76	5.98	1.75	12.86	157
17	.06	.02	1.40	1.12	3.33	.96	6.89	143
18	.20	.47	1.25	1.04	1.24	.27	4.47	132
19	.17	.00	.28	.57	1.27	.96	3.26	115
20-24	.12	.01	.32	.37	.59	.19	1.60	583
25-29	.08	.02	.40	.57	.46	.15	1.68	574
30-39	.01	.01	.34	.17	.35	.15	1.02	1043
40-49	.01	.01	.18	.20	.33	.06	.78	848
50-59	.00	.03	.23	.17	.08	.04	.56	692
60-64	.00	.00	.46	.27	.25	.05	1.01	347
65+	.02	.00	.08	.15	.11	.06	.42	601
Mean	.04	.04	.67	.58	1.12	.26	2.69	6197
Females								
9-10	.00	1.51	2.08	1.69	1.60	.30	7.17	197
11	.00	.00	.91	.35	1.44	.36	3.06	132
12	.00	.00	1.19	.60	1.75	.19	3.73	134
13	.00	.00	1.11	.58	2.44	.06	4.19	148
14	.00	.00	.61	.75	3.04	.47	4.86	155
15	.00	.00	.77	.61	2.01	.06	3.46	146
16	.03	.00	.99	.80	1.61	.06	3.48	138
17	.00	.00	.55	.55	.80	.07	1.97	136
18	.00	.00	.34	.64	.83	.06	1.86	124
19	.00	.03	.11	.06	.08	.31	.60	105
20-24	.00	.00	.19	.31	.27	.30	1.08	558
25-29	.00	.05	.26	.14	.26	.03	.73	618
30-39	.00	.00	.13	.08	.24	.06	.51	1056
40-49	.02	.00	.07	.15	.04	.00	.29	769
50-59	.00	.00	.02	.11	.05	.06	.23	689
60-64	.00	.00	.09	.03	.13	.03	.27	357
65+	.00	.00	.04	.02	.01	.00	.07	828
Mean	.00	.05	.30	.25	.48	.09	1.17	6291

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 5.1e. Bicyclists:
Average number of fatalities per one million hours
classified by age, sex and time of day.

	2200 -0200	0200 -0600	0600 -1000	1000 -1400	1400 -1800	1800 -2200	Mean	Persons ('000)
Males								
9-10			.51	2.48	1.32	3.74	1.47	195
11			.00	1.39	.27	.00	.44	138
12			.92	.62	.44	6.36	1.00	131
13	.00	.00	.63	.22	.47	1.23	.48	160
14		1.31	.14	.15	.48	.00	.32	176
15	.00	.00	.00	.21	.29	1.78	.34	160
16	.00	.00	.48	.59	.26	1.19	.49	157
17	20.25	.00	.41	.00	.35	1.80	.67	143
18	.00	.00	.00	.60	.00	.00	.14	132
19	.00		2.58	.00	.00	.00	.22	115
20-24	1.13	.00	.44	.38	.24	.00	.35	583
25-29	.00	.00	.00	.00	.31	.00	.09	574
30-39	.00	.00	.47	.90	.45	3.66	1.00	1043
40-49	36.28	.00	1.08	.49	.29	3.06	.99	848
50-59	.00	.00	2.04	.00	2.89	2.89	1.49	692
60-64			2.08	.00	.00	.00	.94	347
65+	.00		9.00	1.87	1.24	2.17	2.96	601
Mean	1.65	.36	.60	.46	.44	1.51	.60	6197
Females								
9-10		.00	.00	.25	.00	1.39	.12	197
11			.00	.00	.43	1.73	.41	132
12			.00	.00	.35	.00	.16	134
13			.00	.00	.00	9.71	.13	148
14			.00	.00	.35	.00	.22	155
15			.00	.00	.28	8.90	.32	146
16	.00		.00	.74	.00	10.37	.34	138
17			.00	.00	.00	.00	.00	136
18			.00	.00	.80	.00	.35	124
19		.00	.00	.00	18.51	.00	2.63	105
20-24	.00		.77	.00	.00	.00	.14	558
25-29		.00	.00	.00	.52	.00	.18	618
30-39		.00	.60	.00	.00	1.33	.31	1056
40-49	.00		.00	.00	.00	.00	.00	769
50-59			.00	.00	.00	.00	.00	689
60-64			.00	.00	.00	.00	.00	357
65+			.00	.00	8.13		1.38	828
Mean	.00	.00	.09	.10	.28	.85	.22	6291

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

Table 5.1f. Bicyclists (Australia, 1985-86):
Average number of trip segments per person per day
classified by age, sex and time of day.

	2200 -0200	0200 -0600	0600 -1000	1000 -1400	1400 -1800	1800 -2200	Total	Persons ('000)
Males								
9-10	.00	.00	.09	.08	.29	.02	.48	195
11	.00	.00	.10	.11	.22	.03	.47	138
12	.00	.00	.14	.09	.25	.04	.52	131
13	.00	.00	.20	.17	.34	.05	.77	160
14	.00	.02	.18	.19	.42	.06	.87	176
15	.00	.01	.20	.18	.38	.06	.83	160
16	.00	.00	.22	.13	.37	.09	.82	157
17	.00	.00	.11	.10	.27	.08	.57	143
18	.01	.01	.06	.07	.10	.03	.28	132
19	.01	.00	.03	.05	.05	.05	.20	115
20-24	.01	.00	.03	.03	.04	.01	.12	583
25-29	.00	.00	.03	.04	.03	.01	.11	574
30-39	.00	.00	.02	.01	.02	.01	.06	1043
40-49	.00	.00	.01	.01	.02	.00	.05	848
50-59	.00	.00	.01	.01	.01	.00	.03	692
60-64	.00	.00	.02	.02	.02	.00	.06	347
65+	.00	.00	.01	.01	.01	.00	.03	601
Mean	.00	.00	.05	.04	.08	.02	.19	6197
Females								
9-10	.00	.01	.06	.02	.11	.01	.21	197
11	.00	.00	.07	.04	.15	.01	.27	132
12	.00	.00	.09	.07	.16	.02	.34	134
13	.00	.00	.07	.04	.17	.00	.29	148
14	.00	.00	.05	.06	.17	.04	.32	155
15	.00	.00	.05	.05	.15	.01	.26	146
16	.00	.00	.07	.08	.12	.00	.27	138
17	.00	.00	.03	.02	.05	.00	.10	136
18	.00	.00	.02	.02	.04	.01	.09	124
19	.00	.00	.01	.01	.00	.01	.04	105
20-24	.00	.00	.01	.02	.02	.01	.06	558
25-29	.00	.00	.01	.01	.02	.00	.04	618
30-39	.00	.00	.01	.01	.02	.00	.04	1056
40-49	.00	.00	.00	.01	.00	.00	.02	769
50-59	.00	.00	.00	.01	.01	.00	.02	689
60-64	.00	.00	.00	.00	.00	.00	.01	357
65+	.00	.00	.00	.00	.00	.00	.01	828
Mean	.00	.00	.02	.02	.03	.01	.07	6291

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 5.1g. Bicyclists:
Average number of fatalities per one million trip segments
classified by age, sex and time of day.

	2200 -0200	0200 -0600	0600 -1000	1000 -1400	1400 -1800	1800 -2200	Mean	Persons ('000)
Males								
9-10			.07	.35	.19	.71	.22	195
11			.00	.27	.04	.00	.08	138
12			.15	.12	.08	.98	.18	131
13	.00	.00	.13	.05	.10	.17	.10	160
14		.33	.04	.04	.11	.00	.08	176
15	.00	.00	.00	.05	.07	.54	.08	160
16	.00	.00	.12	.13	.07	.39	.13	157
17	4.14	.00	.09	.00	.07	.36	.13	143
18	.00	.00	.00	.14	.00	.00	.04	132
19	.00		.39	.00	.00	.00	.06	115
20-24	.28	.00	.09	.08	.06	.00	.08	583
25-29	.00	.00	.00	.00	.07	.00	.02	574
30-39	.00	.00	.13	.29	.13	1.32	.30	1043
40-49	18.13	.00	.25	.13	.09	1.04	.27	848
50-59	.00	.00	.71	.00	.71	.57	.42	692
60-64			.66	.00	.00	.00	.26	347
65+	.00		1.60	.43	.32	.86	.74	601
Mean	.53	.12	.14	.10	.10	.38	.14	6197
Females								
9-10		.00	.00	.28	.00	.69	.07	197
11			.00	.00	.07	1.28	.08	132
12			.00	.00	.06	.00	.03	134
13			.00	.00	.00	2.03	.03	148
14			.00	.00	.10	.00	.05	155
15			.00	.00	.06	.76	.07	146
16	.00		.00	.13	.00	2.22	.07	138
17			.00	.00	.00	.00	.00	136
18			.00	.00	.29	.00	.13	124
19		.00	.00	.00	5.39	.00	.65	105
20-24	.00		.21	.00	.00	.00	.04	558
25-29		.00	.00	.00	.14	.00	.05	618
30-39		.00	.13	.00	.00	.40	.07	1056
40-49	.00		.00	.00	.00	.00	.00	769
50-59		.00	.00	.00	.00	.00	.00	689
60-64			.00	.00	.00	.00	.00	357
65+			.00	.00	1.87		.32	828
Mean	.00	.00	.02	.03	.07	.24	.06	6291

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

Table 5.2a. Bicyclists:
Number of fatalities in 1984-85 in Australia
classified by age, sex and day of week.

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total	Persons ('000)
Males									
9-10	1	0	2	2	3	3	4	15	195
11	0	0	0	1	0	2	1	4	138
12	1	1	0	2	4	1	0	9	131
13	1	2	1	2	2	1	0	9	160
14	0	2	2	3	0	2	0	9	176
15	1	1	2	3	0	1	0	8	160
16	2	2	2	3	0	3	0	12	157
17	0	2	0	2	1	1	2	8	143
18	0	0	0	1	0	0	0	1	132
19	1	0	0	0	0	0	0	1	115
20-24	0	1	1	1	0	1	0	4	583
25-29	0	0	0	0	0	0	1	1	574
30-39	0	5	2	1	1	2	3	14	1043
40-49	2	1	1	0	1	2	1	8	848
50-59	3	1	1	0	0	0	2	7	692
60-64	0	1	0	1	1	1	0	4	347
65+	2	1	2	1	2	2	2	12	601
Total	14	20	16	23	15	22	16	126	6197
Females									
9-10	0	0	0	0	2	0	0	2	197
11	1	0	0	0	0	0	1	2	132
12	0	0	0	1	0	0	0	1	134
13	0	0	1	0	0	0	0	1	148
14	0	0	1	1	0	0	0	2	155
15	1	0	0	0	0	1	0	2	146
16	1	0	0	1	0	0	0	2	138
17	1	0	0	0	0	0	0	1	136
18	1	0	0	0	0	0	0	1	124
19	0	1	0	0	0	0	1	2	105
20-24	0	1	0	0	0	0	0	1	558
25-29	1	0	0	0	0	0	0	1	618
30-39	0	1	0	0	0	1	0	2	1056
40-49	0	0	0	0	0	0	0	0	769
50-59	0	0	0	0	0	0	0	0	689
60-64	0	0	0	0	0	0	0	0	357
65+	0	0	0	1	0	0	0	1	828
Total	6	3	2	4	2	2	2	22	6291

Source: FORS Fatal File 1984-85

5.2 Day of week

In contrast with all other modes, the fatality rate for bicyclists was only slightly higher at the weekend (Saturday and Sunday) than during the week (relative rate of 1.4 for distance travelled, with a 95% confidence interval of 0.9 to 2.0). This difference was not statistically significant for any at-risk measure (for distance travelled, chi-square statistic, for 1 df, = 2.7, $p > 0.05$; chi-square statistic for variation between the weekdays and between Saturday and Sunday, for 5 df, = 3.2, $p > 0.05$). The relative risk for weekday compared with weekend bicycling did not appear to vary with gender (chi-square statistic, for 1 df, = 0.2, $p > 0.05$), nor with age (chi-square statistic for linear age trend, for 1 df, = 0.0, $p > 0.05$).

Table 5.2b. Bicyclists (Australia, 1985-86):
Average distance travelled (km) per person per day
classified by age, sex and day of week.

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Mean	Persons ('000)
Males									
9-10	.26	.31	.52	1.02	.44	.12	.95	.52	195
11	.87	.91	.57	1.12	.55	.31	1.41	.82	138
12	.75	.59	.97	1.03	.65	.22	.70	.70	131
13	1.40	2.77	1.63	1.86	.73	.87	1.75	1.57	160
14	1.24	2.55	2.07	1.88	1.58	1.79	.81	1.70	176
15	1.62	2.59	2.16	2.35	1.89	1.64	.74	1.85	160
16	2.95	1.99	3.70	1.71	2.66	1.02	.37	2.06	157
17	1.52	2.48	.71	1.47	.33	.60	1.54	1.24	143
18	.52	.67	1.15	1.65	1.30	.64	.46	.91	132
19	.21	2.59	.02	.27	.50	.95	.39	.70	115
20-24	.62	.49	.22	.11	.73	.28	.48	.42	583
25-29	.54	.75	.44	.53	.30	.47	.20	.46	574
30-39	.36	.28	.27	.21	.19	.24	.23	.25	1043
40-49	.27	.12	.18	.21	.18	.03	.12	.16	848
50-59	.23	.02	.14	.15	.13	.17	.24	.15	692
60-64	.03	.46	.11	.44	.04	.39	.20	.24	347
65+	.03	.02	.02	.02	.15	.05	.01	.04	601
Mean	.52	.63	.50	.53	.45	.36	.38	.48	6197
Females									
9-10	.28	.24	.10	.45	.33	.39	.03	.26	197
11	.44	.08	.11	.27	.26	.27	.27	.24	132
12	.56	.91	.32	.19	.28	.63	.05	.42	134
13	.64	1.50	.93	.73	.16	.11	.38	.64	148
14	.74	.50	.49	1.50	.99	.03	.59	.69	155
15	.73	.87	.54	.47	.53	.19	.36	.53	146
16	.87	.55	.48	.40	.45	.47	.41	.52	138
17	.14	.11	1.14	.51	.33	.46	.41	.44	136
18	1.31	.13	.49	.25	.27	.03	.17	.38	124
19	.00	.04	.13	.25	.00	.00	.34	.11	105
20-24	.33	.09	.23	.14	.55	.22	.11	.24	558
25-29	.59	.10	.36	.00	.16	.01	.04	.18	618
30-39	.06	.06	.15	.05	.09	.03	.02	.07	1056
40-49	.01	.00	.13	.03	.05	.03	.06	.05	769
50-59	.03	.04	.10	.00	.08	.03	.02	.04	689
60-64	.01	.00	.09	.03	.04	.00	.02	.03	357
65+	.04	.01	.01	.00	.00	.00	.01	.01	828
Mean	.24	.15	.22	.14	.18	.09	.10	.16	6291

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 5.2c. Bicyclists:
Average number of fatalities per ten million kilometres
classified by age, sex and day of week.

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Mean	Persons ('000)
Males									
9-10	1.86	.00	1.88	.96	3.31	12.28	2.07	2.03	195
11	.00	.00	.00	.62	.00	4.43	.49	.48	138
12	.98	1.25	.00	1.42	4.48	3.38	.00	1.34	131
13	.43	.43	.37	.64	1.64	.69	.00	.49	160
14	.00	.43	.53	.87	.00	.61	.00	.41	176
15	.37	.23	.55	.76	.00	.37	.00	.37	160
16	.41	.61	.33	1.07	.00	1.80	.00	.51	157
17	.00	.54	.00	.91	2.04	1.11	.87	.62	143
18	.00	.00	.00	.44	.00	.00	.00	.11	132
19	4.06	.00	.00	.00	.00	.00	.00	.17	115
20-24	.00	.34	.74	1.50	.00	.59	.00	.22	583
25-29	.00	.00	.00	.00	.00	.00	.83	.05	574
30-39	.00	1.66	.68	.43	.49	.78	1.19	.73	1043
40-49	.82	.97	.61	.00	.61	7.24	.93	.81	848
50-59	1.83	6.60	.97	.00	.00	.00	1.14	.90	692
60-64	.00	.60	.00	.63	7.35	.71	.00	.66	347
65+	9.47	8.71	20.36	7.87	2.19	6.94	31.29	6.61	601
Mean	.42	.49	.50	.68	.52	.94	.64	.58	6197
Females									
9-10	.00	.00	.00	.00	2.92	.00	.00	.53	197
11	1.65	.00	.00	.00	.00	.00	2.67	.86	132
12	.00	.00	.00	3.86	.00	.00	.00	.24	134
13	.00	.00	.70	.00	.00	.00	.00	.15	148
14	.00	.00	1.25	.41	.00	.00	.00	.26	155
15	.90	.00	.00	.00	.00	3.45	.00	.36	146
16	.80	.00	.00	1.75	.00	.00	.00	.38	138
17	5.18	.00	.00	.00	.00	.00	.00	.23	136
18	.59	.00	.00	.00	.00	.00	.00	.29	124
19		21.46	.00	.00			2.67	2.37	105
20-24	.00	1.91	.00	.00	.00	.00	.00	.10	558
25-29	.26	.00	.00	.00	.00	.00	.00	.12	618
30-39	.00	1.55	.00	.00	.00	3.47	.00	.40	1056
40-49	.00	.00	.00	.00	.00	.00	.00	.00	769
50-59	.00	.00	.00	.00	.00	.00	.00	.00	689
60-64	.00		.00	.00	.00	.00	.00	.00	357
65+	.00	.00	.00	23.68	.00	.00	.00	1.47	828
Mean	.39	.31	.14	.42	.17	.33	.32	.29	6291

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

Table 5.2d. Bicyclists (Australia, 1985-86):
Average time spent travelling (minutes) per person per day
classified by age, sex and day of week.

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Mean	Persons ('000)
Males									
9-10	.26	.31	.52	1.02	.44	.12	.95	.52	195
11	.87	.91	.57	1.12	.55	.31	1.41	.82	138
12	.75	.59	.97	1.03	.65	.22	.70	.70	131
13	1.40	2.77	1.63	1.86	.73	.87	1.75	1.57	160
14	1.24	2.55	2.07	1.88	1.58	1.79	.81	1.70	176
15	1.62	2.59	2.16	2.35	1.89	1.64	.74	1.85	160
16	2.95	1.99	3.70	1.71	2.66	1.02	.37	2.06	157
17	1.52	2.48	.71	1.47	.33	.60	1.54	1.24	143
18	.52	.67	1.15	1.65	1.30	.64	.46	.91	132
19	.21	2.59	.02	.27	.50	.95	.39	.70	115
20-24	.62	.49	.22	.11	.73	.28	.48	.42	583
25-29	.54	.75	.44	.53	.30	.47	.20	.46	574
30-39	.36	.28	.27	.21	.19	.24	.23	.25	1043
40-49	.27	.12	.18	.21	.18	.03	.12	.16	848
50-59	.23	.02	.14	.15	.13	.17	.24	.15	692
60-64	.03	.46	.11	.44	.04	.39	.20	.24	347
65+	.03	.02	.02	.02	.15	.05	.01	.04	601
Mean	.52	.63	.50	.53	.45	.36	.38	.48	6197
Females									
9-10	.28	.24	.10	.45	.33	.39	.03	.26	197
11	.44	.08	.11	.27	.26	.27	.27	.24	132
12	.56	.91	.32	.19	.28	.63	.05	.42	134
13	.64	1.50	.93	.73	.16	.11	.38	.64	148
14	.74	.50	.49	1.50	.99	.03	.59	.69	155
15	.73	.87	.54	.47	.53	.19	.36	.53	146
16	.87	.55	.48	.40	.45	.47	.41	.52	138
17	.14	.11	1.14	.51	.33	.46	.41	.44	136
18	1.31	.13	.49	.25	.27	.03	.17	.38	124
19	.00	.04	.13	.25	.00	.00	.34	.11	105
20-24	.33	.09	.23	.14	.55	.22	.11	.24	558
25-29	.59	.10	.36	.00	.16	.01	.04	.18	618
30-39	.06	.06	.15	.05	.09	.03	.02	.07	1056
40-49	.01	.00	.13	.03	.05	.03	.06	.05	769
50-59	.03	.04	.10	.00	.08	.03	.02	.04	689
60-64	.01	.00	.09	.03	.04	.00	.02	.03	357
65+	.04	.01	.01	.00	.00	.00	.01	.01	828
Mean	.24	.15	.22	.14	.18	.09	.10	.16	6291

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 5.2e. Bicyclists:
Average number of fatalities per one million hours
classified by age, sex and day of week.

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Mean	Persons ('000)
Males									
9-10	11.17	.00	11.31	5.76	19.89	73.71	12.40	12.18	195
11	.00	.00	.00	3.70	.00	26.58	2.94	2.89	138
12	5.88	7.47	.00	8.53	26.85	20.26	.00	8.05	131
13	2.55	2.59	2.19	3.86	9.85	4.11	.00	2.93	160
14	.00	2.56	3.16	5.23	.00	3.65	.00	2.47	176
15	2.21	1.39	3.33	4.59	.00	2.19	.00	2.21	160
16	2.47	3.67	1.98	6.43	.00	10.80	.00	3.05	157
17	.00	3.25	.00	5.48	12.26	6.68	5.24	3.72	143
18	.00	.00	.00	2.64	.00	.00	.00	.68	132
19	24.38	.00	.00	.00	.00	.00	.00	1.02	115
20-24	.00	2.02	4.42	8.99	.00	3.55	.00	1.35	583
25-29	.00	.00	.00	.00	.00	.00	5.00	.31	574
30-39	.00	9.98	4.09	2.58	2.97	4.68	7.15	4.36	1043
40-49	4.94	5.80	3.67	.00	3.67	43.46	5.59	4.83	848
50-59	10.96	39.60	5.83	.00	.00	.00	6.85	5.40	692
60-64	.00	3.60	.00	3.79	44.11	4.24	.00	3.97	347
65+	56.80	52.28	122.1	47.20	13.14	41.66	187.7	39.63	601
Mean	2.50	2.94	2.98	4.06	3.10	5.66	3.87	3.47	
									6197
Females									
9-10	.00	.00	.00	.00	17.51	.00	.00	3.20	197
11	9.87	.00	.00	.00	.00	.00	16.02	5.13	132
12	.00	.00	.00	23.14	.00	.00	.00	1.47	134
13	.00	.00	4.18	.00	.00	.00	.00	.87	148
14	.00	.00	7.53	2.48	.00	.00	.00	1.53	155
15	5.40	.00	.00	.00	.00	20.68	.00	2.13	146
16	4.79	.00	.00	10.49	.00	.00	.00	2.29	138
17	31.08	.00	.00	.00	.00	.00	.00	1.37	136
18	3.52	.00	.00	.00	.00	.00	.00	1.74	124
19		128.7	.00	.00			16.03	14.21	105
20-24	.00	11.46	.00	.00	.00	.00	.00	.62	558
25-29	1.59	.00	.00	.00	.00	.00	.00	.74	618
30-39	.00	9.32	.00	.00	.00	20.80	.00	2.39	1056
40-49	.00	.00	.00	.00	.00	.00	.00	.00	769
50-59	.00	.00	.00	.00	.00	.00	.00	.00	689
60-64	.00	.00	.00	.00	.00	.00	.00	.00	357
65+	.00	.00	.00	142.1	.00	.00	.00	8.81	828
Mean	2.32	1.86	.83	2.53	1.01	1.98	1.92	1.72	
									6291

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

Table 5.2f. Bicyclists (Australia, 1985-86):
Average number of trip segments per person per day
classified by age, sex and day of week.

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Mean	Persons ('000)
Males									
9-10	.33	.34	.48	.70	.59	.25	.69	.48	195
11	.53	.64	.27	.60	.31	.29	.62	.46	138
12	.94	.39	.47	.61	.47	.28	.61	.54	131
13	.84	1.46	.57	.75	.26	.59	.91	.77	160
14	.68	.92	1.39	.93	.83	.85	.36	.85	176
15	.61	1.06	1.03	.96	.74	.87	.46	.82	160
16	1.20	.71	1.12	.83	.90	.49	.44	.81	157
17	.68	1.30	.30	.54	.20	.40	.58	.57	143
18	.20	.30	.31	.47	.21	.18	.22	.27	132
19	.14	.52	.01	.14	.07	.11	.38	.19	115
20-24	.21	.09	.10	.10	.11	.12	.12	.12	583
25-29	.15	.12	.10	.13	.12	.05	.11	.11	574
30-39	.05	.10	.05	.06	.04	.03	.05	.06	1043
40-49	.06	.07	.06	.06	.05	.01	.04	.05	848
50-59	.05	.01	.07	.03	.03	.02	.01	.03	692
60-64	.01	.11	.10	.07	.02	.05	.07	.06	347
65+	.02	.03	.01	.02	.09	.02	.01	.03	601
Mean	.21	.24	.20	.21	.17	.14	.17	.19	6197
Females									
9-10	.23	.19	.06	.29	.31	.19	.04	.19	197
11	.47	.14	.13	.26	.45	.22	.25	.27	132
12	.65	.58	.17	.15	.23	.52	.10	.34	134
13	.58	.33	.37	.32	.12	.10	.28	.30	148
14	.30	.25	.39	.23	.53	.12	.31	.31	155
15	.43	.31	.20	.23	.19	.23	.20	.26	146
16	.22	.17	.28	.21	.44	.24	.34	.27	138
17	.04	.10	.16	.09	.04	.18	.09	.10	136
18	.04	.11	.18	.10	.10	.02	.04	.09	124
19	.00	.04	.07	.03	.00	.00	.15	.04	105
20-24	.08	.07	.08	.03	.08	.04	.04	.06	558
25-29	.07	.04	.07	.00	.03	.01	.05	.04	618
30-39	.04	.03	.06	.02	.05	.02	.02	.04	1056
40-49	.01	.00	.05	.02	.02	.01	.04	.02	769
50-59	.01	.02	.05	.01	.03	.02	.01	.02	689
60-64	.01	.00	.04	.00	.01	.01	.02	.01	357
65+	.01	.01	.00	.00	.00	.00	.01	.01	828
Mean	.09	.07	.08	.06	.08	.05	.06	.07	6291

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 5.2g. Bicyclists:
Average number of fatalities per one million trip segments
classified by age, sex and day of week.

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Mean	Persons ('000)
Males									
9-10	.15	.00	.20	.14	.25	.59	.28	.22	195
11	.00	.00	.00	.12	.00	.49	.11	.09	138
12	.08	.19	.00	.24	.62	.26	.00	.18	131
13	.07	.08	.10	.16	.46	.10	.00	.10	160
14	.00	.12	.08	.18	.00	.13	.00	.08	176
15	.10	.06	.12	.19	.00	.07	.00	.08	160
16	.10	.17	.11	.22	.00	.38	.00	.13	157
17	.00	.10	.00	.25	.34	.17	.23	.13	143
18	.00	.00	.00	.15	.00	.00	.00	.04	132
19	.61	.00	.00	.00	.00	.00	.00	.06	115
20-24	.00	.18	.16	.17	.00	.14	.00	.08	583
25-29	.00	.00	.00	.00	.00	.00	.15	.02	574
30-39	.00	.47	.36	.15	.21	.54	.51	.33	1043
40-49	.39	.17	.19	.00	.23	1.90	.29	.27	848
50-59	.76	1.35	.20	.00	.00	.00	2.34	.43	692
60-64	.00	.26	.00	.37	1.78	.61	.00	.26	347
65+	1.94	.60	3.10	.88	.35	1.45	3.13	.98	601
Mean	.10	.13	.12	.17	.14	.24	.14	.14	6197
Females									
9-10	.00	.00	.00	.00	.31	.00	.00	.07	197
11	.15	.00	.00	.00	.00	.00	.29	.08	132
12	.00	.00	.00	.46	.00	.00	.00	.03	134
13	.00	.00	.18	.00	.00	.00	.00	.03	148
14	.00	.00	.16	.27	.00	.00	.00	.06	155
15	.15	.00	.00	.00	.00	.29	.00	.07	146
16	.32	.00	.00	.33	.00	.00	.00	.07	138
17	1.67	.00	.00	.00	.00	.00	.00	.10	136
18	1.79	.00	.00	.00	.00	.00	.00	.13	124
19		2.15	.00	.00			.62	.65	105
20-24	.00	.23	.00	.00	.00	.00	.00	.04	558
25-29	.21	.00	.00	.00	.00	.00	.00	.05	618
30-39	.00	.27	.00	.00	.00	.44	.00	.07	1056
40-49	.00	.00	.00	.00	.00	.00	.00	.00	769
50-59	.00	.00	.00	.00	.00	.00	.00	.00	689
60-64	.00	.00	.00	.00	.00	.00	.00	.00	357
65+	.00	.00	.00	3.79	.00	.00	.00	.32	828
Mean	.10	.06	.04	.11	.04	.06	.05	.06	6291

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

Table 5.3a. Bicyclists:
Number of fatalities in 1984-85 in Australia
classified by age, sex and season.

	Winter	Spring	Summer	Autumn	Total	Persons ('000)
Males						
9-10	3	7	4	1	15	195
11	0	2	0	2	4	138
12	1	2	5	1	9	131
13	2	3	2	2	9	160
14	4	0	2	3	9	176
15	2	2	2	2	8	160
16	4	4	3	1	12	157
17	1	0	5	2	8	143
18	0	0	1	0	1	132
19	0	0	1	0	1	115
20-24	0	2	1	1	4	583
25-29	0	0	0	1	1	574
30-39	5	2	6	1	14	1043
40-49	0	3	4	1	8	848
50-59	3	2	2	0	7	692
60-64	2	2	0	0	4	347
65+	2	6	2	2	12	601
Total	29	37	40	20	126	6197
Females						
9-10	0	1	1	0	2	197
11	0	1	1	0	2	132
12	1	0	0	0	1	134
13	0	0	1	0	1	148
14	0	1	0	1	2	155
15	0	0	2	0	2	146
16	0	0	0	2	2	138
17	1	0	0	0	1	136
18	0	0	0	1	1	124
19	1	1	0	0	2	105
20-24	0	0	1	0	1	558
25-29	0	0	0	1	1	618
30-39	0	2	0	0	2	1056
40-49	0	0	0	0	0	769
50-59	0	0	0	0	0	689
60-64	0	0	0	0	0	357
65+	0	0	0	1	1	828
Total	3	6	6	6	22	6291

Source: FORS Fatal File 1984-85

5.3 Season

Fatality rates of bicyclists relative to Winter varied from about 0.7 for Autumn to about 1.4 in Spring and Summer, although this variation was not statistically significant for any at-risk measure (for example, for distance travelled, F statistic, for 3 and 133 df, = 1.7, $p > 0.05$). Variation in the ratio of male to female risk with season was not statistically significant (F statistic, for 3 and 133 df, = 1.1, $p > 0.05$).

Age variation in bicyclists fatality rates may vary with season, with older bicyclists apparently relatively more at risk during Spring than in other seasons (F statistic for distance measure, for 3 and 133 df, = 2.9, $0.01 < p < 0.05$; this result was also statistically significant for time spent travelling and number of trips but not population as the at-risk measure). **This result** may reflect that there were six deaths of male bicyclists aged 65 or older in the Springs of 1984 and 1985, compared with an expected number of less than a half, based on the travel information provided by the Day-to-Day Travel Survey. In addition, the statistical analysis for season showed more unexplained variation than for the analyses of time of day and day of week, so it is possible that factors not in the analysis of season, such as day versus night cycling, are operating. (This additional variation is why F tests have been used in this section, but chi-square tests are used in the other sections in this chapter.)

Table 5.3b. Bicyclists (Australia, 1985-86):
Average distance travelled (km) per person per day
classified by age, sex and season.

	Winter	Spring	Summer	Autumn	Mean	Persons ('000)
Males						
9-10	.35	.67	.44	.62	.52	195
11	.76	.82	1.28	.43	.82	138
12	.52	.88	.49	.91	.70	131
13	1.24	2.25	1.96	.85	1.57	160
14	1.77	2.07	1.76	1.21	1.70	176
15	1.54	2.05	1.50	2.33	1.85	160
16	1.92	2.29	1.26	2.75	2.06	157
17	.98	.46	1.74	1.77	1.24	143
18	.95	1.32	.76	.62	.91	132
19	.14	.27	.31	2.09	.70	115
20-24	.25	.43	.56	.44	.42	583
25-29	.30	.37	.78	.41	.46	574
30-39	.16	.18	.35	.32	.25	1043
40-49	.22	.05	.24	.13	.16	848
50-59	.12	.06	.24	.20	.15	692
60-64	.13	.21	.10	.51	.24	347
65+	.09	.01	.04	.03	.04	601
Mean	.39	.46	.54	.53	.48	6197
Females						
9-10	.43	.39	.02	.20	.26	197
11	.24	.22	.31	.21	.24	132
12	.32	.40	.30	.65	.42	134
13	.38	1.10	.86	.22	.64	148
14	.55	1.35	.59	.26	.69	155
15	.47	.73	.50	.40	.53	146
16	.57	.58	.45	.47	.52	138
17	.33	.10	.39	.95	.44	136
18	.08	.17	.42	.85	.38	124
19	.00	.02	.22	.19	.11	105
20-24	.02	.28	.47	.18	.24	558
25-29	.17	.09	.07	.38	.18	618
30-39	.06	.05	.08	.08	.07	1056
40-49	.06	.03	.05	.04	.05	769
50-59	.05	.03	.04	.04	.04	689
60-64	.00	.04	.03	.05	.03	357
65+	.03	.00	.01	.01	.01	828
Mean	.13	.17	.17	.18	.16	6291

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 5.3c. Bicyclists:
Average number of fatalities per ten million kilometres
classified by age, sex and season.

	Winter	Spring	Summer	Autumn	Mean	Persons ('000)
Males						
9-10	2.43	2.94	2.56	.45	2.03	195
11	.00	.97	.00	1.86	.48	138
12	.80	.95	4.30	.46	1.34	131
13	.55	.46	.35	.80	.49	160
14	.70	.00	.35	.78	.41	176
15	.44	.33	.46	.29	.37	160
16	.72	.61	.83	.13	.51	157
17	.39	.00	1.10	.43	.62	143
18	.00	.00	.55	.00	.11	132
19	.00	.00	1.54	.00	.17	115
20-24	.00	.44	.17	.22	.22	583
25-29	.00	.00	.00	.23	.05	574
30-39	1.67	.58	.90	.16	.73	1043
40-49	.00	3.59	1.06	.50	.81	848
50-59	1.98	2.70	.66	.00	.90	692
60-64	2.47	1.49	.00	.00	.66	347
65+	2.09	68.62	4.77	5.67	6.61	601
Mean	.65	.71	.66	.33	.58	6197
Females						
9-10	.00	.71	11.18	.00	.53	197
11	.00	1.93	1.34	.00	.86	132
12	1.27	.00	.00	.00	.24	134
13	.00	.00	.43	.00	.15	148
14	.00	.26	.00	1.34	.26	155
15	.00	.00	1.48	.00	.36	146
16	.00	.00	.00	1.68	.38	138
17	1.22	.00	.00	.00	.23	136
18	.00	.00	.00	.52	.29	124
19		21.46	.00	.00	1.18	105
20-24	.00	.00	.21	.00	.10	558
25-29	.00	.00	.00	.23	.12	618
30-39	.00	2.09	.00	.00	.40	1056
40-49	.00	.00	.00	.00	.00	769
50-59	.00	.00	.00	.00	.00	689
60-64	.00	.00	.00	.00	.00	357
65+	.00	.00	.00	10.55	1.47	828
Mean	.14	.31	.32	.30	.27	6291

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

Table 5.3d. Bicyclists (Australia, 1985-86):
Average time spent travelling (minutes) per person per day
classified by age, sex and season.

	Winter	Spring	Summer	Autumn	Mean	Persons ('000)
Males						
9-10	3.09	6.15	3.18	4.74	4.29	195
11	4.91	5.87	7.16	3.87	5.45	138
12	3.43	7.77	4.26	7.00	5.61	131
13	7.78	14.40	11.12	5.00	9.57	160
14	16.95	12.55	12.90	9.47	12.97	176
15	8.07	18.53	9.80	12.48	12.22	160
16	12.37	14.12	8.41	16.56	12.86	157
17	4.37	2.82	9.55	10.81	6.89	143
18	3.91	7.76	3.51	2.69	4.47	132
19	1.05	1.61	2.77	9.28	3.68	115
20-24	1.12	1.50	2.53	1.34	1.62	583
25-29	1.19	1.43	2.22	1.99	1.71	574
30-39	.89	.76	1.35	1.10	1.02	1043
40-49	.80	.76	1.00	.61	.79	848
50-59	.36	.23	.94	.71	.56	692
60-64	.48	.52	.75	2.30	1.01	347
65+	1.21	.04	.28	.13	.42	601
Mean	2.35	2.88	2.80	2.80	2.71	6197
Females						
9-10	2.91	4.18	.36	21.22	7.17	197
11	3.25	2.43	3.19	3.36	3.06	132
12	3.17	3.22	2.46	6.07	3.73	134
13	2.88	7.41	4.91	1.54	4.19	148
14	4.42	7.16	5.87	2.00	4.86	155
15	3.83	4.40	3.12	2.47	3.46	146
16	4.63	3.74	3.12	2.42	3.48	138
17	1.54	.65	2.40	3.28	1.97	136
18	.52	.85	3.32	2.77	1.86	124
19	.00	.24	1.47	.68	.60	105
20-24	.18	1.25	1.76	1.13	1.08	558
25-29	.76	.74	.27	1.16	.73	618
30-39	.45	.52	.59	.47	.51	1056
40-49	.25	.21	.39	.29	.29	769
50-59	.39	.11	.27	.17	.24	689
60-64	.05	.21	.32	.53	.27	357
65+	.18	.03	.05	.03	.07	828
Mean	.90	1.14	1.06	1.58	1.17	6291

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 5.3e. Bicyclists:
Average number of fatalities per one million hours
classified by age, sex and season.

	Winter	Spring	Summer	Autumn	Mean	Persons ('000)
Males						
9-10	1.64	1.92	2.12	.36	1.47	195
11	.00	.81	.00	1.23	.44	138
12	.73	.64	2.94	.36	1.00	131
13	.53	.43	.37	.82	.48	160
14	.44	.00	.29	.59	.32	176
15	.51	.22	.42	.33	.34	160
16	.68	.59	.75	.13	.49	157
17	.53	.00	1.20	.43	.67	143
18	.00	.00	.71	.00	.14	132
19	.00	.00	1.03	.00	.19	115
20-24	.00	.75	.22	.42	.35	583
25-29	.00	.00	.00	.29	.08	574
30-39	1.76	.83	1.40	.29	1.08	1043
40-49	.00	1.53	1.54	.63	.98	848
50-59	4.01	4.21	1.01	.00	1.49	692
60-64	3.97	3.62	.00	.00	.94	347
65+	.90	81.78	3.87	8.63	3.95	601
Mean	.66	.68	.76	.38	.62	6197
Females						
9-10	.00	.40	4.63	.00	.12	197
11	.00	1.03	.78	.00	.41	132
12	.77	.00	.00	.00	.16	134
13	.00	.00	.45	.00	.13	148
14	.00	.30	.00	1.06	.22	155
15	.00	.00	1.44	.00	.32	146
16	.00	.00	.00	1.96	.34	138
17	1.57	.00	.00	.00	.31	136
18	.00	.00	.00	.95	.35	124
19	.00	12.87	.00	.00	1.31	105
20-24	.00	.00	.33	.00	.14	558
25-29	.00	.00	.00	.46	.18	618
30-39	.00	1.20	.00	.00	.31	1056
40-49	.00	.00	.00	.00	.00	769
50-59	.00	.00	.00	.00	.00	689
60-64	.00	.00	.00	.00	.00	357
65+	.00	.00	.00	12.66	1.38	828
Mean	.12	.27	.30	.20	.22	6291

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

Table 5.3f. Bicyclists (Australia, 1985-86):
Average number of trip segments per person per day
classified by age, sex and season.

	Winter	Spring	Summer	Autumn	Mean	Persons ('000)
Males						
9-10	.37	.84	.31	.41	.48	195
11	.38	.58	.55	.35	.46	138
12	.43	.62	.47	.62	.54	131
13	.63	.99	.93	.52	.77	160
14	.99	.78	.92	.71	.85	176
15	.59	1.01	.66	1.01	.82	160
16	.82	.90	.53	1.00	.81	157
17	.41	.19	.81	.87	.57	143
18	.30	.32	.28	.18	.27	132
19	.05	.12	.23	.37	.19	115
20-24	.11	.11	.15	.12	.12	583
25-29	.10	.11	.13	.11	.11	574
30-39	.05	.05	.07	.05	.06	1043
40-49	.06	.04	.06	.04	.05	848
50-59	.01	.02	.05	.05	.03	692
60-64	.04	.05	.06	.10	.06	347
65+	.05	.01	.02	.03	.03	601
Mean	.17	.20	.20	.20	.19	6197
Females						
9-10	.19	.29	.06	.21	.19	197
11	.30	.29	.29	.22	.27	132
12	.19	.39	.29	.50	.34	134
13	.23	.38	.42	.17	.30	148
14	.34	.36	.35	.18	.31	155
15	.22	.30	.29	.21	.26	146
16	.35	.20	.24	.31	.27	138
17	.08	.04	.09	.19	.10	136
18	.03	.06	.20	.05	.09	124
19	.00	.02	.10	.04	.04	105
20-24	.02	.06	.09	.07	.06	558
25-29	.04	.04	.02	.06	.04	618
30-39	.03	.04	.03	.05	.04	1056
40-49	.02	.02	.02	.03	.02	769
50-59	.03	.01	.02	.02	.02	689
60-64	.00	.00	.02	.02	.01	357
65+	.01	.00	.00	.00	.01	828
Mean	.06	.07	.07	.08	.07	6291

Source: Survey of Day-to-Day Travel in Australia 1985-86

Road Fatality Rates in Australia 1984-85

Table 5.3g. Bicyclists:

Average number of fatalities per one million trip segments classified by age, sex and season.

	Winter	Spring	Summer	Autumn	Mean	Persons ('000)
Males						
9-10	.23	.24	.36	.07	.22	195
11	.00	.14	.00	.23	.09	138
12	.10	.13	.44	.07	.18	131
13	.11	.10	.07	.13	.10	160
14	.13	.00	.07	.13	.08	176
15	.12	.07	.10	.07	.08	160
16	.17	.16	.20	.03	.13	157
17	.09	.00	.24	.09	.13	143
18	.00	.00	.15	.00	.04	132
19	.00	.00	.21	.00	.06	115
20-24	.00	.17	.06	.08	.08	583
25-29	.00	.00	.00	.08	.02	574
30-39	.56	.22	.43	.10	.33	1043
40-49	.00	.52	.44	.17	.27	848
50-59	2.00	1.00	.32	.00	.43	692
60-64	.79	.66	.00	.00	.26	347
65+	.35	5.55	.75	.71	.98	601
Mean	.15	.16	.18	.09	.14	6197
Females						
9-10	.00	.10	.48	.00	.07	197
11	.00	.15	.14	.00	.08	132
12	.21	.00	.00	.00	.03	134
13	.00	.00	.09	.00	.03	148
14	.00	.10	.00	.20	.06	155
15	.00	.00	.26	.00	.07	146
16	.00	.00	.00	.26	.07	138
17	.50	.00	.00	.00	.10	136
18	.00	.00	.00	.89	.13	124
19		2.15	.00	.00	.32	105
20-24	.00	.00	.11	.00	.04	558
25-29	.00	.00	.00	.14	.05	618
30-39	.00	.28	.00	.00	.07	1056
40-49	.00	.00	.00	.00	.00	769
50-59	.00	.00	.00	.00	.00	689
60-64	.00	.00	.00	.00	.00	357
65+	.00	.00	.00	2.48	.32	828
Mean	.03	.07	.07	.07	.06	6291

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

Table 5.4a. Bicyclists:
Number of fatalities in 1984-85 in Australia
classified by age, sex and state.

	ACT	NSW	Vic	Qld	SA	WA	Tas	NT	Total
Males									
9-10	0	7	2	4	2	0	0	0	15
11	0	0	1	1	1	0	1	0	4
12	0	2	2	2	2	1	0	0	9
13	0	2	3	2	1	1	0	0	9
14	0	5	0	3	0	1	0	0	9
15	1	2	3	0	1	0	1	0	8
16	0	4	3	2	1	2	0	0	12
17	0	1	5	1	0	1	0	0	8
18	0	1	0	0	0	0	0	0	1
19	0	0	1	0	0	0	0	0	1
20-24	0	2	2	0	0	0	0	0	4
25-29	0	0	1	0	0	0	0	0	1
30-39	1	3	3	3	2	1	1	0	14
40-49	0	0	3	2	0	2	0	1	8
50-59	0	2	4	1	0	0	0	0	7
60-64	0	0	1	2	1	0	0	0	4
65+	0	3	4	4	0	1	0	0	12
Total	2	34	38	27	11	10	3	1	127
Females									
9-10	0	1	1	0	0	0	0	0	2
11	0	0	2	0	0	0	0	0	2
12	0	0	0	1	0	0	0	0	1
13	0	0	0	0	0	1	0	0	1
14	0	0	2	0	0	0	0	0	2
15	0	0	1	1	0	0	0	0	2
16	0	0	1	1	0	0	0	0	2
17	0	0	0	1	0	0	0	0	1
18	0	0	1	0	0	0	0	0	1
19	0	1	0	0	0	0	0	1	2
20-24	0	0	1	0	0	0	0	0	1
25-29	0	0	1	0	0	0	0	0	1
30-39	0	1	0	1	0	0	0	0	2
40-49	0	0	0	0	0	0	0	0	0
50-59	0	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0	0
65+	0	0	1	0	0	0	0	0	1
Total	0	3	11	5	0	1	0	1	22

Source: FORS Fatal File 1984-85

5.4 State or Territory

The differences in the fatality rate of bicyclists between the States and Territories were not statistically significant for any of the four at-risk measures (chi-square statistic for distance travelled, for 7 df, = 12.0, $p > 0.05$).

Table 5B. Relative fatality rates (persons/10⁷ km) of bicyclists in the States and Territories, compared with the ACT

	Relative rate
Tasmania	0.4
Northern Territory	0.8
South Australia	0.9
Australian Capital Territory	1
Western Australia	1.0
New South Wales	1.6
Queensland	1.8
Victoria	2.0

The interactions of State/Territory with sex and age were not examined as there were too many cells with zero deaths.

Table 5.4b. Bicyclists (Australia, 1985-86):
Average distance travelled (km) per person per day
classified by age, sex and state.

	ACT	NSW	Vic	Qld	SA	WA	Tas	NT	Mean
Males									
9-10	.16	.32	.63	.75	.46	.79	.00	.66	.52
11	.05	.59	.71	.59	1.60	1.47	1.97	1.51	.82
12	1.18	.48	.96	.40	.97	.73	.33	1.01	.70
13	.58	1.61	1.25	1.94	1.91	1.90	.52	2.11	1.57
14	.91	1.03	2.44	2.16	1.84	2.28	.08	2.24	1.70
15	2.19	1.27	2.20	1.78	1.71	4.10	.31	.58	1.85
16	2.19	1.65	1.51	3.64	1.84	2.75	2.51	.25	2.06
17	2.19	.76	2.29	1.41	.59	.87	.57	4.35	1.24
18	4.10	.07	1.28	2.09	.05	1.31	.94	.04	.91
19	.00	1.27	.51	.27	.00	.82	1.00	.70	.70
20-24	.10	.15	.48	.94	.42	.42	.01	.85	.42
25-29	.22	.20	.29	1.27	.33	.68	.05	.13	.46
30-39	2.07	.12	.28	.31	.39	.19	.00	.43	.25
40-49	.13	.08	.20	.14	.29	.24	.27	.23	.16
50-59	.00	.06	.05	.34	.21	.53	.00	.67	.15
60-64	.00	.15	.16	.05	1.12	.08	.88	.00	.24
65+	.00	.06	.02	.04	.08	.02	.00	.35	.04
Mean	.85	.30	.50	.68	.54	.67	.33	.64	.48
Females									
9-10	.51	.29	.24	.15	.27	.44	.00	.66	.26
11	.35	.21	.25	.18	.46	.31	.00	.31	.24
12	.60	.13	.48	.73	.47	.54	.81	.45	.42
13	.91	.28	.65	.49	.56	2.07	.00	4.76	.64
14	.61	.47	.60	1.63	.72	.38	.67	.62	.69
15	.69	.26	.56	.69	.75	.99	.00	.35	.53
16	.89	.17	.66	.71	1.39	.33	.00	.30	.52
17	.35	.26	.53	1.09	.26	.23	.00	.26	.44
18	.00	.75	.28	.08	.09	.00	.00	.42	.38
19	1.37	.00	.06	.25	.00	.09	.00	.00	.11
20-24	.22	.35	.18	.11	.42	.10	.09	.99	.24
25-29	.00	.08	.07	.72	.08	.14	.00	.18	.18
30-39	.05	.06	.06	.04	.10	.10	.03	.35	.07
40-49	.00	.00	.09	.01	.12	.07	.01	.10	.05
50-59	.00	.02	.05	.05	.10	.03	.02	.57	.04
60-64	.09	.04	.00	.06	.03	.01	.00	.00	.03
65+	.10	.02	.00	.00	.01	.03	.00	.00	.01
Mean	.22	.12	.15	.23	.20	.20	.05	.47	.16

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 5.4c. Bicyclists:
Average number of fatalities per ten million kilometres
classified by age, sex and state.

	ACT	NSW	Vic	Qld	SA	WA	Tas	NT	Mean
Males									
9-10	.00	4.26	.95	2.24	3.54	.00		.00	2.03
11	.00	.00	.52	1.00	.88	.00	1.28	.00	.48
12	.00	1.54	.71	3.54	2.16	1.49	.00	.00	1.34
13	.00	.34	.71	.52	.58	.46	.00	.00	.49
14	.00	1.01	.00	.75	.00	.46	.00	.00	.41
15	1.85	.34	.44	.00	.60	.00	11.59	.00	.37
16	.00	.63	.69	.34	.47	.61	.00	.00	.51
17	.00	.31	.85	.60	.00	1.31	.00	.00	.62
18	.00	4.49	.00	.00	.00	.00	.00	.00	.11
19		.00	.85	.00		.00	.00	.00	.17
20-24	.00	.93	.36	.00	.00	.00	.00	.00	.22
25-29	.00	.00	.32	.00	.00	.00	.00	.00	.05
30-39	.41	.89	.53	.82	.82	.81		.00	.67
40-49	.00	.00	.93	1.47	.00	1.42	.00	8.52	.81
50-59		1.79	6.44	.38	.00	.00		.00	.90
60-64		.00	.99	10.43	.41	.00	.00		.66
65+		3.41	20.78	13.12	.00	18.33		.00	6.61
Mean	.36	.70	.64	.55	.51	.37	.47	.40	.57
Females									
9-10	.00	.77	.99	.00	.00	.00		.00	.53
11	.00	.00	3.14	.00	.00	.00		.00	.86
12	.00	.00	.00	.77	.00	.00	.00	.00	.24
13	.00	.00	.00	.00	.00	.46		.00	.15
14	.00	.00	1.03	.00	.00	.00	.00	.00	.26
15	.00	.00	.68	.89	.00	.00		.00	.35
16	.00	.00	.57	.92	.00	.00		.00	.38
17	.00	.00	.00	.61	.00	.00		.00	.23
18		.00	1.47	.00	.00			.00	.29
19	.00		.00	.00		.00			.00
20-24	.00	.00	.49	.00	.00	.00	.00	.00	.10
25-29		.00	1.26	.00	.00	.00		.00	.12
30-39	.00	.64	.00	1.92	.00	.00	.00	.00	.40
40-49		.00	.00	.00	.00	.00	.00	.00	.00
50-59		.00	.00	.00	.00	.00	.00	.00	.00
60-64	.00	.00		.00	.00	.00			.00
65+	.00	.00		.00	.00	.00			.00
Mean	.00	.10	.56	.30	.00	.13	.00	.00	.25

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

Table 5.4d. Bicyclists (Australia, 1985-86):
Average time spent travelling (minutes) per person per day
classified by age, sex and state.

	ACT	NSW	Vic	Qld	SA	WA	Tas	NT	Mean
Males									
9-10	.16	.32	.63	.75	.46	.79	.00	.66	.52
11	.05	.59	.71	.59	1.60	1.47	1.97	1.51	.82
12	1.18	.48	.96	.40	.97	.73	.33	1.01	.70
13	.58	1.61	1.25	1.94	1.91	1.90	.52	2.11	1.57
14	.91	1.03	2.44	2.16	1.84	2.28	.08	2.24	1.70
15	2.19	1.27	2.20	1.78	1.71	4.10	.31	.58	1.85
16	2.19	1.65	1.51	3.64	1.84	2.75	2.51	.25	2.06
17	2.19	.76	2.29	1.41	.59	.87	.57	4.35	1.24
18	4.10	.07	1.28	2.09	.05	1.31	.94	.04	.91
19	.00	1.27	.51	.27	.00	.82	1.00	.70	.70
20-24	.10	.15	.48	.94	.42	.42	.01	.85	.42
25-29	.22	.20	.29	1.27	.33	.68	.05	.13	.46
30-39	2.07	.12	.28	.31	.39	.19	.00	.43	.25
40-49	.13	.08	.20	.14	.29	.24	.27	.23	.16
50-59	.00	.06	.05	.34	.21	.53	.00	.67	.15
60-64	.00	.15	.16	.05	1.12	.08	.88	.00	.24
65+	.00	.06	.02	.04	.08	.02	.00	.35	.04
Mean	.85	.30	.50	.68	.54	.67	.33	.64	.48
Females									
9-10	.51	.29	.24	.15	.27	.44	.00	.66	.26
11	.35	.21	.25	.18	.46	.31	.00	.31	.24
12	.60	.13	.48	.73	.47	.54	.81	.45	.42
13	.91	.28	.65	.49	.56	2.07	.00	4.76	.64
14	.61	.47	.60	1.63	.72	.38	.67	.62	.69
15	.69	.26	.56	.69	.75	.99	.00	.35	.53
16	.89	.17	.66	.71	1.39	.33	.00	.30	.52
17	.35	.26	.53	1.09	.26	.23	.00	.26	.44
18	.00	.75	.28	.08	.09	.00	.00	.42	.38
19	1.37	.00	.06	.25	.00	.09	.00	.00	.11
20-24	.22	.35	.18	.11	.42	.10	.09	.99	.24
25-29	.00	.08	.07	.72	.08	.14	.00	.18	.18
30-39	.05	.06	.06	.04	.10	.10	.03	.35	.07
40-49	.00	.00	.09	.01	.12	.07	.01	.10	.05
50-59	.00	.02	.05	.05	.10	.03	.02	.57	.04
60-64	.09	.04	.00	.06	.03	.01	.00	.00	.03
65+	.10	.02	.00	.00	.01	.03	.00	.00	.01
Mean	.22	.12	.15	.23	.20	.20	.05	.47	.16

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 5.4e. Bicyclists:
Average number of fatalities per one million hours
classified by age, sex and state.

	ACT	NSW	Vic	Qld	SA	WA	Tas	NT	Mean
Males									
9-10	.00	25.55	5.67	13.43	21.25	.00		.00	14.92
11	.00	.00	3.12	6.00	5.28	.00	7.69	.00	2.51
12	.00	9.23	4.29	21.23	12.95	8.94	.00	.00	9.18
13	.00	2.02	4.28	3.13	3.50	2.78	.00	.00	2.93
14	.00	6.05	.00	4.51	.00	2.75	.00	.00	3.13
15	11.09	2.05	2.66	.00	3.63	.00	69.55	.00	3.68
16	.00	3.75	4.13	2.06	2.79	3.63	.00	.00	3.25
17	.00	1.85	5.07	3.57	.00	7.86	.00	.00	3.08
18	.00	26.93	.00	.00	.00	.00	.00	.00	9.09
19		.00	5.09	.00		.00	.00	.00	1.54
20-24	.00	5.61	2.14	.00	.00	.00	.00	.00	2.48
25-29	.00	.00	1.94	.00	.00	.00	.00	.00	.49
30-39	2.44	5.35	3.16	4.90	4.91	4.83		.00	4.49
40-49	.00	.00	5.59	8.83	.00	8.52	.00	51.11	4.03
50-59		10.72	38.61	2.30	.00	.00		.00	15.01
60-64		.00	5.92	62.56	2.44	.00	.00		12.30
65+		20.48	124.7	78.69	.00	110.0		.00	63.94
Mean	1.05	6.65	19.01	15.55	2.25	12.47	2.69	6.77	11.36
Females									
9-10	.00	4.62	5.94	.00	.00	.00		.00	3.32
11	.00	.00	18.84	.00	.00	.00		.00	5.23
12	.00	.00	.00	4.64	.00	.00	.00	.00	.84
13	.00	.00	.00	.00	.00	2.74		.00	.28
14	.00	.00	6.16	.00	.00	.00	.00	.00	1.77
15	.00	.00	4.07	5.33	.00	.00		.00	1.87
16	.00	.00	3.42	5.49	.00	.00		.00	1.75
17	.00	.00	.00	3.68	.00	.00		.00	.57
18		.00	8.80	.00	.00			.00	2.66
19	.00		.00	.00		.00			.00
20-24	.00	.00	2.91	.00	.00	.00	.00	.00	.83
25-29		.00	7.54	.00	.00	.00		.00	1.98
30-39	.00	3.87	.00	11.54	.00	.00	.00	.00	3.12
40-49		.00	.00	.00	.00	.00	.00	.00	.00
50-59		.00	.00	.00	.00	.00	.00	.00	.00
60-64	.00	.00		.00	.00	.00			.00
65+	.00	.00		.00	.00	.00			.00
Mean	.00	.79	2.58	2.32	.00	.08	.00	.00	1.30

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

Table 5.4f. Bicyclists (Australia, 1985-86):
Average number of trip segments per person per day
classified by age, sex and state.

	ACT	NSW	Vic	Qld	SA	WA	Tas	NT	Mean
Males									
9-10	.16	.32	.57	.67	36	.80	.00	.55	.48
11	.21	.38	.53	.38	67	.66	.17	1.30	.46
12	.55	.37	.67	.43	67	.61	.57	.64	.54
13	.59	.67	.75	.89	80	1.13	.13	.59	.77
14	.87	.54	1.24	.91	.94	1.12	.04	1.18	.85
15	.63	.57	1.03	.95	.82	1.33	.31	.75	.82
16	.58	.67	.66	1.15	.91	.85	1.77	.12	.81
17	1.13	.50	.83	.68	.32	.37	.23	.37	.57
18	.67	.05	.29	.81	.06	.33	.29	.07	.27
19	.00	.23	.20	.27	.00	.05	.50	.35	.19
20-24	.06	.09	.10	.26	.10	.10	.01	.40	.12
25-29	.08	.07	.09	.25	.11	.14	.02	.04	.11
30-39	.19	.04	.06	.08	.07	.05	.00	.12	.06
40-49	.05	.04	.06	.03	.05	.05	.09	.02	.05
50-59	.00	.01	.02	.09	.08	.03	.00	.13	.03
60-64	.00	.05	.08	.01	.13	.06	.09	.00	.06
65+	.00	.04	.02	.02	.03	.02	.00	.07	.03
Mean	.21	.14	.22	.25	.20	.24	.13	.24	.19
Females									
9-10	.51	.19	.11	.13	.24	.40	.00	.89	.19
11	.36	.27	.26	.27	.39	.28	.00	.60	.27
12	.55	.18	.41	.46	.40	.47	.41	.22	.34
13	.40	.20	.31	.28	.43	.55	.00	1.62	.30
14	.32	.22	.37	.31	.39	.31	.33	.48	.31
15	.46	.09	.23	.37	.44	.50	.00	.35	.26
16	.36	.13	.26	.43	.65	.21	.00	.93	.27
17	.24	.08	.11	.12	.07	.16	.00	.11	.10
18	.00	.10	.14	.02	.08	.00	.00	.18	.09
19	.14	.00	.04	.11	.00	.04	.00	.00	.04
20-24	.08	.06	.06	.04	.10	.01	.10	.32	.06
25-29	.00	.03	.03	.08	.04	.04	.00	.03	.04
30-39	.03	.04	.02	.04	.06	.05	.02	.09	.04
40-49	.00	.00	.04	.02	.05	.03	.01	.10	.02
50-59	.00	.01	.02	.04	.04	.02	.01	.07	.02
60-64	.18	.02	.00	.00	.03	.01	.00	.00	.01
65+	.06	.01	.00	.00	.01	.01	.00	.00	.01
Mean	.12	.05	.07	.08	.11	.10	.03	.23	.07

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 5.4g. Bicyclists:
Average number of fatalities per one million trip segments
classified by age, sex and state.

	ACT	NSW	Vic	Qld	SA	WA	Tas	NT	Mean
Males									
9-10	.00	.43	.10	.25	.45	.00		.00	.22
11	.00	.00	.07	.15	.21	.00	1.48	.00	.09
12	.00	.20	.10	.33	.31	.18	.00	.00	.18
13	.00	.08	.12	.11	.14	.08	.00	.00	.10
14	.00	.19	.00	.18	.00	.09	.00	.00	.08
15	.64	.08	.10	.00	.13	.00	1.16	.00	.08
16	.00	.16	.16	.11	.09	.20	.00	.00	.13
17	.00	.05	.24	.12	.00	.31	.00	.00	.13
18	.00	.64	.00	.00	.00	.00	.00	.00	.04
19		.00	.22	.00		.00	.00	.00	.06
20-24	.00	.16	.17	.00	.00	.00	.00	.00	.08
25-29	.00	.00	.11	.00	.00	.00	.00	.00	.02
30-39	.43	.28	.27	.33	.42	.31		.00	.31
40-49	.00	.00	.29	.67	.00	.68	.00	8.20	.27
50-59		1.28	1.54	.15	.00	.00		.00	.43
60-64		.00	.19	3.40	.36	.00	.00		.26
65+		.51	1.63	2.18	.00	1.71		.00	.98
Mean	.14	.15	.15	.15	.14	.10	.12	.11	.14
Females									
9-10	.00	.11	.21	.00	.00	.00		.00	.07
11	.00	.00	.30	.00	.00	.00		.00	.08
12	.00	.00	.00	.12	.00	.00	.00	.00	.03
13	.00	.00	.00	.00	.00	.17		.00	.03
14	.00	.00	.16	.00	.00	.00	.00	.00	.06
15	.00	.00	.16	.17	.00	.00		.00	.07
16	.00	.00	.15	.15	.00	.00		.00	.07
17	.00	.00	.00	.56	.00	.00		.00	.10
18		.00	.31	.00	.00			.00	.13
19	.00		.00	.00		.00			.00
20-24	.00	.00	.14	.00	.00	.00	.00	.00	.04
25-29		.00	.26	.00	.00	.00		.00	.05
30-39	.00	.10	.00	.22	.00	.00	.00	.00	.07
40-49		.00	.00	.00	.00	.00	.00	.00	.00
50-59		.00	.00	.00	.00	.00	.00	.00	.00
60-64	.00	.00		.00	.00	.00			.00
65+	.00	.00		.00	.00	.00			.00
Mean	.00	.02	.12	.08	.00	.03	.00	.00	.05

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

5.5 Holiday periods

Holiday periods did not differ from non-holiday periods for fatality rates of bicyclists for any at-risk measure (for example, for distance travelled, relative rate = 0.97 with a 95% confidence interval of 0.6 to 1.4; chi-square statistic, for 1 df, = 0.0, $p > 0.05$). The ratio of male to female bicycle fatalities was not statistically significantly different between holiday and non-holiday periods (chi-square statistic, for 1 df, = 0.0, $p > 0.05$).

However, it appeared that younger cyclists may be at increased risk during holiday periods compared with non-holiday periods (for example, for distance travelled, chi-square statistic for linear age trend, for 1 df, = 12, $p < 0.001$; this result was also statistically significant for the other three at-risk measures). This model estimates that 10 year olds are at a 1.7 fold higher risk during holiday periods, 15 year olds are at a 1.4 fold higher risk and 20 year olds are at a 1.2 fold higher risk. Note, however, that there are too few data to completely characterise the differences in risk.

Table 5.5a. Bicyclists:
Number of fatalities in 1984-85 in Australia
classified by age, sex, state and holiday period.

	ACT		New South Wales		Victoria		Queensland		South Australia	
	NH	H	NH	H	NH	H	NH	H	NH	H
Males										
9-10	0	0	5	2	1	1	4	0	2	0
11	0	0	0	0	0	1	1	0	1	0
12	0	0	1	1	1	1	1	1	0	2
13	0	0	1	1	2	1	1	1	1	0
14	0	0	1	4	0	0	2	1	0	0
15	1	0	1	1	1	2	0	0	1	0
16	0	0	2	2	3	0	2	0	1	0
17	0	0	0	1	5	0	0	1	0	0
18	0	0	1	0	0	0	0	0	0	0
19	0	0	0	0	1	0	0	0	0	0
20-24	0	0	2	0	1	1	0	0	0	0
25-29	0	0	0	0	0	1	0	0	0	0
30-39	1	0	2	1	3	0	1	2	2	0
40-49	0	0	0	0	2	1	1	1	0	0
50-59	0	0	1	1	4	0	1	0	0	0
60-64	0	0	0	0	1	0	2	0	0	1
65+	0	0	3	0	4	0	4	0	0	0
Total	2	0	20	14	29	9	20	7	8	3
Females										
9-10	0	0	1	0	0	1	0	0	0	0
11	0	0	0	0	2	0	0	0	0	0
12	0	0	0	0	0	0	1	0	0	0
13	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	2	0	0	0	0	0
15	0	0	0	0	0	1	0	1	0	0
16	0	0	0	0	1	0	1	0	0	0
17	0	0	0	0	0	0	1	0	0	0
18	0	0	0	0	1	0	0	0	0	0
19	0	0	1	0	0	0	0	0	0	0
20-24	0	0	0	0	1	0	0	0	0	0
25-29	0	0	0	0	1	0	0	0	0	0
30-39	0	0	1	0	0	0	0	1	0	0
40-49	0	0	0	0	0	0	0	0	0	0
50-59	0	0	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	1	0	0	0	0
Total	0	0	3	0	8	3	3	2	0	0

Source: FORS Fatal File 1984-85

(continued)

Table 5.5a. Bicyclists:
 Number of fatalities in 1984-85 in Australia
 classified by age, sex, state and holiday period.

	Western Australia		Tasmania		NT		Total	
	NH	H	NH	H	NH	H	NH	H
Males								
9-10	0	0	0	0	0	0	12	3
11	0	0	1	0	0	0	3	1
12	1	0	0	0	0	0	4	5
13	1	0	0	0	0	0	6	3
14	1	0	0	0	0	0	4	5
15	0	0	1	0	0	0	5	3
16	2	0	0	0	0	0	10	2
17	0	1	0	0	0	0	5	3
18	0	0	0	0	0	0	1	0
19	0	0	0	0	0	0	1	0
20-24	0	0	0	0	0	0	3	1
25-29	0	0	0	0	0	0	0	1
30-39	1	0	1	0	0	0	11	3
40-49	2	0	0	0	1	0	6	2
50-59	0	0	0	0	0	0	6	1
60-64	0	0	0	0	0	0	3	1
65+	1	0	0	0	0	0	12	0
Total	9	1	3	0	1	0	93	35
Females								
9-10	0	0	0	0	0	0	1	1
11	0	0	0	0	0	0	2	0
12	0	0	0	0	0	0	1	0
13	0	1	0	0	0	0	0	1
14	0	0	0	0	0	0	2	0
15	0	0	0	0	0	0	0	2
16	0	0	0	0	0	0	2	0
17	0	0	0	0	0	0	1	0
18	0	0	0	0	0	0	1	0
19	0	0	0	0	0	1	1	1
20-24	0	0	0	0	0	0	1	0
25-29	0	0	0	0	0	0	1	0
30-39	0	0	0	0	0	0	1	1
40-49	0	0	0	0	0	0	0	0
50-59	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	1
Total	0	1	0	0	0	1	15	8

Source: FORS Fatal File 1984-85

Table 5.5b. Bicyclists (Australia, 1985-86):
Average distance travelled (km) per person per day
classified by age, sex, state and holiday period.

	ACT		New South Wales		Victoria		Queensland		South Australia	
	NH	H	NH	H	NH	H	NH	H	NH	H
Males										
9-10	.10	.33	.29	.42	.64	.57	.88	.36	.54	.22
11	.07	.00	.34	1.39	.70	.74	.54	.76	1.01	3.47
12	1.58	.00	.37	.83	1.07	.61	.45	.25	1.19	.31
13	.78	.00	1.09	3.22	1.41	.71	2.42	.48	1.82	2.18
14	.74	1.42	.66	2.17	2.52	2.17	2.32	1.67	2.01	1.27
15	2.93	.00	1.18	1.57	2.09	2.57	2.25	.36	2.05	.62
16	2.93	.00	1.91	.87	1.60	1.24	4.46	1.14	2.27	.48
17	2.93	.00	.79	.67	1.76	4.02	.67	3.67	.77	.00
18	5.06	1.26	.06	.10	1.59	.28	2.54	.73	.07	.00
19	.00	.00	1.68	.00	.63	.13	.13	.73	.00	.00
20-24	.00	.39	.15	.15	.35	.88	1.11	.42	.31	.79
25-29	.29	.00	.26	.00	.22	.52	1.44	.74	.16	.84
30-39	.98	5.30	.06	.32	.18	.63	.41	.03	.41	.32
40-49	.11	.20	.08	.07	.21	.18	.12	.20	.36	.06
50-59	.00	.00	.03	.16	.02	.13	.44	.05	.09	.59
60-64	.00	.00	.02	.55	.15	.19	.06	.01	.10	4.33
65+	.00	.00	.07	.00	.02	.01	.05	.02	.04	.20
Mean	.75	1.13	.27	.41	.47	.61	.78	.37	.48	.73
Females										
9-10	.68	.00	.37	.01	.31	.01	.19	.03	.32	.14
11	.47	.00	.16	.36	.30	.09	.22	.07	.36	.79
12	.43	1.08	.12	.14	.52	.34	.82	.45	.62	.03
13	1.22	.00	.08	.91	.50	1.13	.64	.00	.48	.82
14	.82	.00	.54	.23	.67	.36	2.12	.13	.90	.16
15	.92	.00	.18	.51	.73	.00	.61	.93	.96	.10
16	1.19	.00	.22	.00	.71	.51	.84	.33	1.83	.00
17	.30	.49	.35	.00	.45	.78	1.21	.73	.34	.00
18	.00	.00	.79	.63	.18	.60	.11	.00	.04	.25
19	1.83	.00	.00	.00	.08	.00	.00	1.01	.00	.00
20-24	.00	.87	.17	.91	.16	.22	.14	.00	.54	.06
25-29	.00	.00	.11	.00	.07	.08	.93	.07	.11	.00
30-39	.06	.00	.07	.01	.05	.09	.05	.03	.12	.02
40-49	.00	.00	.00	.00	.06	.21	.02	.00	.13	.08
50-59	.00	.00	.02	.00	.03	.12	.06	.03	.09	.13
60-64	.12	.00	.06	.00	.00	.00	.04	.11	.02	.06
65+	.14	.00	.02	.01	.00	.00	.00	.00	.01	.00
Mean	.25	.13	.11	.14	.14	.16	.27	.10	.24	.08

Source: Survey of Day-to-Day Travel in Australia 1985-86

(continued)

Table 5.5b. Bicyclists (Australia, 1985-86):
Average distance travelled (km) per person per day
classified by age, sex, state and holiday period.

	Western Australia		Tasmania		NT		Mean	
	NH	H	NH	H	NH	H	NH	H
Males								
9-10	1.02	.10	.00	.00	.90	.00	.57	.38
11	1.14	2.44	2.21	1.31	1.80	.72	.66	1.31
12	.84	.40	.45	.00	.77	1.64	.75	.55
13	2.30	.73	.71	.00	.58	6.17	1.56	1.61
14	2.74	.96	.11	.00	3.09	.00	1.67	1.82
15	4.02	4.34	.00	1.18	.27	1.39	1.87	1.81
16	3.17	1.52	2.32	3.04	.34	.00	2.37	1.09
17	.90	.78	.00	2.15	.93	13.41	1.03	1.88
18	.83	2.74	.00	3.53	.00	.13	1.01	.60
19	1.08	.06	1.36	.00	.96	.00	.87	.18
20-24	.44	.35	.01	.00	1.14	.10	.40	.47
25-29	.77	.42	.00	.20	.18	.00	.49	.38
30-39	.16	.25	.00	.00	.59	.01	.20	.42
40-49	.29	.09	.36	.00	.32	.00	.17	.12
50-59	.38	.96	.00	.00	.00	2.43	.12	.25
60-64	.00	.30	1.20	.00	.00	.00	.11	.65
65+	.02	.00	.00	.00	.48	.00	.05	.03
Mean	.70	.59	.34	.30	.58	.78	.47	.51
Females								
9-10	.49	.26	.00	.00	.73	.45	.33	.05
11	.18	.68	.00	.00	.43	.00	.23	.28
12	.56	.50	1.11	.00	.62	.00	.47	.26
13	.76	5.88	.00	.00	6.56	.00	.43	1.26
14	.51	.00	.91	.00	.85	.00	.85	.21
15	1.20	.36	.00	.00	.48	.00	.58	.36
16	.29	.47	.00	.00	.32	.27	.61	.23
17	.17	.39	.00	.00	.35	.00	.48	.34
18	.00	.00	.00	.00	.58	.00	.37	.42
19	.12	.00	.00	.00	.00	.00	.08	.20
20-24	.14	.00	.11	.03	1.37	.00	.19	.38
25-29	.12	.19	.00	.00	.25	.00	.22	.05
30-39	.10	.09	.04	.00	.41	.19	.07	.05
40-49	.07	.07	.00	.03	.14	.00	.04	.07
50-59	.04	.00	.03	.00	.00	2.08	.04	.06
60-64	.01	.00	.00	.00	.00	.00	.03	.03
65+	.04	.00	.00	.00	.00	.00	.01	.00
Mean	.17	.27	.07	.01	.58	.24	.17	.14

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 5.5c. Bicyclists:
Average number of fatalities per ten million kilometres
classified by age, sex, state and holiday period.

	ACT		New South Wales		Victoria		Queensland		South Australia	
	NH	H	NH	H	NH	H	NH	H	NH	H
Males										
9-10	.00	.00	4.45	3.85	.60	2.17	2.54	.00	4.00	.00
11	.00		.00	.00	.00	2.09	1.46	.00	1.84	.00
12	.00		1.33	1.83	.42	2.35	2.10	11.34	.00	28.40
13	.00		.33	.35	.55	1.76	.28	4.30	.80	.00
14	.00	.00	.42	1.57	.00	.00	.62	1.32	.00	.00
15	1.85		.24	.57	.21	1.06	.00	.00	.66	.00
16	.00		.36	2.45	.85	.00	.37	.00	.50	.00
17	.00		.00	1.43	1.45	.00	.00	.93	.00	
18	.00	.00	6.95	.00	.00	.00	.00	.00	.00	
19			.00		.90	.00	.00	.00		
20-24		.00	1.24	.00	.32	.41	.00	.00	.00	.00
25-29	.00		.00		.00	.76	.00	.00	.00	.00
30-39	1.15	.00	1.61	.47	1.12	.00	.28	20.15	1.02	.00
40-49	.00	.00	.00	.00	.79	1.43	1.12	2.16	.00	.00
50-59			2.59	1.36	17.97	.00	.40	.00	.00	.00
60-64			.00	.00	1.39	.00	11.20	.00	.00	.44
65+			3.41		24.43	.00	15.45	.00	.00	.00
Mean	.54	.00	.62	.87	.68	.52	.48	1.06	.54	.43
Females										
9-10	.00		.78	.00	.00	100.7	.00	.00	.00	.00
11	.00		.00	.00	3.45	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.91	.00	.00	.00
13	.00		.00	.00	.00	.00	.00		.00	.00
14	.00		.00	.00	1.20	.00	.00	.00	.00	.00
15	.00		.00	.00	.00		.00	2.68	.00	.00
16	.00		.00		.70	.00	1.03	.00	.00	
17	.00	.00	.00		.00	.00	.73	.00	.00	
18			.00	.00	2.96	.00	.00		.00	.00
19	.00				.00			.00		
20-24		.00	.00	.00	.69	.00	.00		.00	.00
25-29			.00		1.73	.00	.00	.00	.00	
30-39	.00		.67	.00	.00	.00	.00	10.48	.00	.00
40-49			.00		.00	.00	.00		.00	.00
50-59			.00		.00	.00	.00	.00	.00	.00
60-64	.00		.00				.00	.00	.00	.00
65+	.00		.00	.00			.00		.00	
Mean	.00	.00	.15	.00	.61	.21	.20	1.10	.00	.00

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86 (continued)

Table 5.5c. Bicyclists:
Average number of fatalities per ten million kilometres
classified by age, sex, state and holiday period.

	Western Australia		Tasmania		NT		Mean	
	NH	H	NH	H	NH	H	NH	H
Males								
9-10	.00	.00			.00		1.98	2.28
11	.00	.00	1.56	.00	.00	.00	.59	.31
12	1.73	.00	.00		.00	.00	.74	3.90
13	.51	.00	.00		.00	.00	.43	.65
14	.51	.00	.00		.00		.25	.88
15	.00	.00		.00	.00	.00	.24	.58
16	.71	.00	.00	.00	.00		.49	.65
17	.00	5.76		.00	.00	.00	.62	.63
18	.00	.00		.00		.00	.14	.00
19	.00	.00	.00		.00		.18	.00
20-24	.00	.00	.00		.00	.00	.23	.21
25-29	.00	.00		.00	.00		.00	.26
30-39	1.23	.00			.00	.00	.87	.39
40-49	1.57	.00	.00		8.52		.74	1.11
50-59	.00	.00				.00	1.30	.32
60-64		.00	.00				1.45	.25
65+	18.33				.00		7.78	.00
Mean	.43	.17	.31	.00	.61	.00	.56	.60
Females								
9-10	.00	.00			.00	.00	.28	5.62
11	.00	.00			.00		1.19	.00
12	.00	.00	.00		.00		.29	.00
13	.00	.63			.00		.00	.30
14	.00		.00		.00		.28	.00
15	.00	.00			.00		.00	1.06
16	.00	.00			.00	.00	.43	.00
17	.00	.00			.00		.28	.00
18					.00		.39	.00
19	.00						.00	.00
20-24	.00		.00	.00	.00		.17	.00
25-29	.00	.00			.00		.13	.00
30-39	.00	.00	.00		.00	.00	.24	1.17
40-49	.00	.00		.00	.00		.00	.00
50-59	.00		.00			.00	.00	.00
60-64	.00						.00	.00
65+	.00						.00	.00
Mean	.00	.37	.00	.00	.00	.00	.23	.25

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

Table 5.5d. Bicyclists (Australia, 1985-86):
Average time spent travelling (minutes) per person per day
classified by age, sex, state and holiday period.

	ACT		New South Wales		Victoria		Queensland		South Australia	
	NH	H	NH	H	NH	H	NH	H	NH	H
Males										
9-10	.52	3.18	2.53	2.34	5.67	5.62	6.40	1.93	6.45	.55
11	.71	3.80	1.92	9.46	5.85	5.89	6.04	2.49	8.01	6.69
12	8.35	.00	2.36	9.49	6.92	4.63	6.12	1.29	9.21	4.58
13	4.28	.00	5.33	18.98	9.67	5.26	13.01	1.70	11.52	15.36
14	8.80	21.10	4.53	14.72	25.63	17.10	12.59	12.03	11.69	12.20
15	29.26	.00	6.56	7.98	20.84	9.06	15.02	8.54	12.26	3.40
16	16.60	.00	12.25	5.80	11.86	7.49	29.02	4.61	14.08	5.23
17	18.57	.00	4.48	3.77	8.30	18.71	5.78	23.16	4.79	.00
18	60.23	8.37	.34	.66	6.69	1.22	8.61	3.56	.81	.00
19	.00	.00	7.68	.00	3.42	.83	.75	8.59	.00	.00
20-24	.00	1.71	.75	.95	.86	4.58	3.54	2.37	1.36	3.00
25-29	1.01	.00	.95	.00	.94	1.58	4.81	3.05	1.39	4.17
30-39	2.71	15.19	.20	1.28	1.19	2.37	1.55	.10	1.21	1.19
40-49	.37	.96	.33	.34	1.55	.92	.46	.62	1.13	.22
50-59	.00	.00	.12	.31	.13	.62	1.54	.29	.36	2.54
60-64	.00	.00	.11	2.20	.73	1.67	.41	.10	1.07	7.88
65+	.00	.00	.46	.00	.17	.18	.13	.19	2.69	.50
Mean	5.50	4.34	1.46	2.33	3.30	3.19	3.75	2.13	3.02	2.86
Females										
9-10	6.98	.00	22.91	.05	2.80	.29	2.15	.36	2.63	1.37
11	2.87	.00	3.32	3.14	3.94	.86	1.69	.81	5.26	10.67
12	9.40	6.90	.90	3.33	3.54	2.53	6.63	3.41	7.49	3.41
13	7.47	.00	1.20	4.94	3.65	4.16	4.93	.00	3.87	6.72
14	3.57	.00	4.68	1.60	4.41	2.80	6.14	1.66	7.38	1.04
15	6.63	.00	.89	1.70	5.71	.00	3.70	9.10	5.71	2.79
16	8.40	.00	2.16	.00	4.00	2.33	4.33	5.57	11.68	.00
17	1.90	4.90	1.34	.00	1.60	3.53	3.58	5.82	2.18	.00
18	.00	.00	2.45	4.42	1.42	4.71	.67	.00	1.04	1.23
19	5.49	.00	.00	.00	.55	.00	.00	6.50	.00	.00
20-24	.00	3.98	.93	2.78	.73	1.22	.72	.00	2.51	.31
25-29	.00	.00	.75	.00	.29	.44	2.83	.43	.73	.00
30-39	.55	.00	.62	.14	.27	.57	.47	.22	.87	.31
40-49	.00	.00	.02	.00	.26	1.56	.10	.00	.83	.25
50-59	.00	.00	.10	.00	.24	.54	.46	.39	.48	.21
60-64	2.42	.00	.52	.00	.00	.00	.26	.46	.25	1.59
65+	1.06	.00	.14	.08	.00	.00	.01	.00	.10	.00
Mean	1.70	.69	1.33	.69	.93	.95	1.28	.88	1.73	.83

Source: Survey of Day-to-Day Travel in Australia 1985-86

(continued)

Table 5.5d. Bicyclists (Australia, 1985-86):
Average time spent travelling (minutes) per person per day
classified by age, sex, state and holiday period.

	Western Australia		Tasmania		NT		Mean	
	NH	H	NH	H	NH	H	NH	H
Males								
9-10	7.93	1.81	.00	.00	11.23	.00	4.78	2.79
11	6.11	15.39	8.29	11.78	9.74	9.20	4.74	7.63
12	5.74	5.40	8.22	.00	4.04	13.93	5.67	5.44
13	15.30	6.41	5.35	.00	21.39	23.12	9.50	9.86
14	17.12	5.02	1.37	.00	20.02	.00	12.79	13.54
15	19.71	16.39	.00	6.56	1.35	67.74	13.26	8.89
16	15.83	5.58	10.42	22.19	1.75	.00	14.94	6.45
17	6.15	5.07	.00	36.70	3.49	36.10	5.80	10.21
18	3.22	11.64	.00	11.02	.00	1.30	5.02	2.70
19	5.19	.45	5.09	.00	14.42	.00	4.25	1.90
20-24	1.19	1.28	.15	.00	10.67	.25	1.39	2.38
25-29	2.70	1.17	.00	1.15	.80	.00	1.81	1.42
30-39	.60	.86	.00	.00	4.48	.13	.87	1.51
40-49	1.31	1.13	1.20	.00	.81	.00	.86	.59
50-59	1.49	2.60	.00	.00	.00	8.50	.47	.84
60-64	.00	5.19	5.41	.00	.00	.00	.60	2.32
65+	.30	.00	.00	.00	1.44	.00	.51	.12
Mean	3.58	2.85	1.69	2.24	4.67	4.36	2.72	2.66
Females								
9-10	5.56	2.50	.00	.00	6.58	1.71	9.32	.51
11	2.18	4.47	.00	.00	4.85	.00	3.18	2.68
12	3.70	6.79	5.54	.00	4.70	.00	3.86	3.33
13	6.61	28.71	.00	.00	45.77	.00	3.53	6.20
14	12.63	.00	6.84	.00	13.10	.00	5.91	1.67
15	6.23	4.31	.00	.00	5.39	.00	3.69	2.69
16	2.30	5.56	.00	.00	1.59	3.30	3.92	2.06
17	2.34	3.55	.00	.00	3.27	.00	1.92	2.13
18	.00	.00	.00	.00	2.47	.00	1.50	3.02
19	.90	.00	.00	.00	.00	.00	.37	1.28
20-24	.67	.00	.59	.74	13.46	.00	.99	1.38
25-29	.48	.63	.00	.00	.96	.00	.90	.24
30-39	.78	.86	.83	.00	2.87	.75	.56	.35
40-49	.41	.91	.00	.15	1.36	.00	.22	.51
50-59	.17	.00	.03	.00	.00	7.81	.23	.26
60-64	.23	.00	.00	.00	.00	.00	.29	.23
65+	.19	.00	.00	.00	.00	.00	.09	.03
Mean	1.48	1.74	.55	.12	4.63	1.00	1.27	.88

Source: Survey of Day-to-Day Travel in Australia 1985-86

Table 5.5e. Bicyclists:
Average number of fatalities per one million hours
classified by age, sex, state and holiday period.

	ACT		New South Wales		Victoria		Queensland		South Australia	
	NH	H	NH	H	NH	H	NH	H	NH	H
Males										
9-10	.00	.00	3.07	4.12	.41	1.33	2.09	.00	2.00	.00
11	.00	.00	.00	.00	.00	1.58	.78	.00	1.39	.00
12	.00		1.24	.96	.39	1.86	.92	13.43	.00	11.43
13	.00		.40	.35	.48	1.42	.31	7.24	.76	.00
14	.00	.00	.36	1.38	.00	.00	.68	1.09	.00	.00
15	1.11		.26	.67	.12	1.81	.00	.00	.67	.00
16	.00		.34	2.20	.69	.00	.34	.00	.48	.00
17	.00		.00	1.53	1.84	.00	.00	.88	.00	
18	.00	.00	7.17	.00	.00	.00	.00	.00	.00	
19			.00		.99	.00	.00	.00		
20-24		.00	1.47	.00	.78	.47	.00	.00	.00	.00
25-29	.00		.00		.00	1.50	.00	.00	.00	.00
30-39	2.49	.00	2.90	.70	.99	.00	.44	41.56	2.07	.00
40-49	.00	.00	.00	.00	.64	1.72	1.81	4.14	.00	.00
50-59			3.53	4.39	18.21	.00	.68	.00	.00	.00
60-64			.00	.00	1.66	.00	9.15	.00	.00	1.44
65+			3.32		16.80	.00	32.21	.00	.00	.00
Mean	.44	.00	.68	.93	.58	.60	.59	1.12	.52	.65
Females										
9-10	.00		.08	.00	.00	20.21	.00	.00	.00	.00
11	.00		.00	.00	1.55	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.68	.00	.00	.00
13	.00		.00	.00	.00	.00	.00	.00	.00	.00
14	.00		.00	.00	1.10	.00	.00	.00	.00	.00
15	.00		.00	.00	.00	.00	.00	1.64	.00	.00
16	.00		.00		.74	.00	1.20	.00	.00	.00
17	.00	.00	.00		.00	.00	1.49	.00	.00	.00
18			.00	.00	2.31	.00	.00	.00	.00	.00
19	.00				.00			.00		
20-24		.00	.00	.00	.93	.00	.00		.00	.00
25-29			.00		2.36	.00	.00	.00	.00	.00
30-39	.00		.47	.00	.00	.00	.00	9.60	.00	.00
40-49			.00		.00	.00	.00		.00	.00
50-59			.00		.00	.00	.00	.00	.00	.00
60-64	.00		.00				.00	.00	.00	.00
65+	.00		.00	.00			.00		.00	.00
Mean	.00	.00	.07	.00	.56	.22	.26	.77	.00	.00

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

(continued)

Table 5.5e. Bicyclists:
Average number of fatalities per one million hours
classified by age, sex, state and holiday period.

	Western Australia		Tasmania		NT		Mean	
	NH	H	NH	H	NH	H	NH	H
Males								
9-10	.00	.00			.00		1.40	1.87
11	.00	.00	2.49	.00	.00	.00	.50	.32
12	1.52	.00	.00		.00	.00	.58	2.36
13	.46	.00	.00		.00	.00	.43	.64
14	.49	.00	.00		.00		.19	.71
15	.00	.00		.00	.00	.00	.20	.70
16	.85	.00	.00	.00	.00		.46	.66
17	.00	5.29		.00	.00	.00	.66	.69
18	.00	.00		.00		.00	.16	.00
19	.00	.00	.00		.00		.22	.00
20-24	.00	.00	.00		.00	.00	.40	.25
25-29	.00	.00		.00	.00		.00	.41
30-39	2.00	.00			.00	.00	1.20	.64
40-49	2.09	.00	.00		20.24		.89	1.34
50-59	.00	.00				.00	2.03	.58
60-64		.00	.00				1.58	.42
65+	7.70				.00		4.26	.00
Mean	.51	.21	.37	.00	.45	.00	.58	.69
Females								
9-10	.00	.00			.00	.00	.06	3.32
11	.00	.00			.00		.52	.00
12	.00	.00	.00		.00		.21	.00
13	.00	.77			.00		.00	.36
14	.00		.00		.00		.24	.00
15	.00	.00			.00		.00	.84
16	.00	.00			.00	.00	.40	.00
17	.00	.00			.00		.42	.00
18					.00		.58	.00
19	.00						.00	.00
20-24	.00		.00	.00	.00		.20	.00
25-29	.00	.00			.00		.20	.00
30-39	.00	.00	.00		.00	.00	.18	.92
40-49	.00	.00		.00	.00		.00	.00
50-59	.00		.00			.00	.00	.00
60-64	.00						.00	.00
65+	.00						.00	.00
Mean	.00	.34	.00	.00	.00	.00	.18	.24

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

Table 5.5f. Bicyclists (Australia, 1985-86):
Average number of trip segments per person per day
classified by age, sex, state and holiday period.

	ACT		New South Wales		Victoria		Queensland		South Australia	
	NH	H	NH	H	NH	H	NH	H	NH	H
Males										
9-10	.10	.33	.37	.17	.61	.43	.85	.13	.44	.11
11	.14	.42	.30	.63	.54	.51	.43	.25	.50	1.20
12	.73	.00	.31	.56	.69	.58	.48	.26	.58	.94
13	.79	.00	.46	1.32	.88	.36	1.12	.19	.79	.83
14	.82	1.04	.44	.85	1.21	1.34	.91	.90	.79	1.43
15	.84	.00	.56	.59	1.12	.71	.94	.98	1.00	.26
16	.77	.00	.73	.45	.72	.48	1.37	.47	1.04	.53
17	1.51	.00	.47	.59	.70	1.23	.36	1.67	.42	.00
18	.76	.42	.05	.03	.33	.19	.88	.60	.08	.00
19	.00	.00	.30	.00	.25	.04	.14	.67	.00	.00
20-24	.00	.23	.10	.06	.07	.20	.24	.31	.10	.09
25-29	.11	.00	.09	.00	.08	.09	.28	.16	.07	.21
30-39	.09	.50	.03	.07	.05	.06	.10	.02	.08	.07
40-49	.02	.13	.05	.02	.07	.04	.04	.01	.05	.06
50-59	.00	.00	.01	.01	.02	.03	.11	.02	.04	.20
60-64	.00	.00	.01	.19	.07	.12	.01	.02	.09	.25
65+	.00	.00	.05	.00	.02	.02	.03	.01	.03	.04
Mean	.21	.21	.13	.16	.22	.20	.27	.18	.19	.22
Females										
9-10	.68	.00	.24	.05	.13	.05	.15	.09	.27	.14
11	.48	.00	.20	.47	.31	.09	.29	.18	.29	.68
12	.43	.90	.14	.29	.40	.44	.53	.23	.43	.27
13	.53	.00	.09	.54	.24	.55	.37	.00	.36	.63
14	.43	.00	.27	.08	.41	.26	.30	.32	.43	.24
15	.61	.00	.07	.17	.31	.00	.32	.52	.47	.32
16	.48	.00	.17	.00	.27	.20	.48	.28	.86	.00
17	.15	.49	.10	.00	.12	.08	.11	.15	.10	.00
18	.00	.00	.05	.25	.12	.19	.03	.00	.08	.08
19	.18	.00	.00	.00	.05	.00	.00	.43	.00	.00
20-24	.00	.30	.05	.11	.05	.08	.06	.00	.13	.02
25-29	.00	.00	.04	.00	.03	.05	.10	.03	.06	.00
30-39	.05	.00	.05	.00	.02	.02	.04	.02	.06	.04
40-49	.00	.00	.00	.00	.03	.06	.02	.00	.07	.02
50-59	.00	.00	.01	.00	.02	.02	.04	.05	.05	.02
60-64	.24	.00	.02	.00	.00	.00	.00	.01	.03	.04
65+	.08	.00	.01	.01	.00	.00	.00	.00	.01	.00
Mean	.13	.06	.05	.05	.07	.07	.09	.06	.12	.07

Source: Survey of Day-to-Day Travel in Australia 1985-86

(continued)

Table 5.5f. Bicyclists (Australia, 1985-86):
Average number of trip segments per person per day
classified by age, sex, state and holiday period.

	Western Australia		Tasmania		NT		Mean	
	NH	H	NH	H	NH	H	NH	H
Males								
9-10	.99	.22	.00	.00	.76	.00	.57	.23
11	.59	.86	.18	.13	1.39	1.06	.43	.57
12	.65	.50	.77	.00	.47	1.08	.54	.53
13	1.30	.64	.18	.00	.43	1.03	.79	.69
14	1.30	.57	.06	.00	1.62	.00	.81	.99
15	1.48	.88	.00	1.18	.27	2.02	.86	.68
16	1.00	.40	1.45	2.65	.16	.00	.90	.54
17	.39	.30	.00	.86	.12	1.03	.50	.79
18	.28	.47	.00	1.10	.00	.26	.28	.23
19	.02	.11	.68	.00	.48	.00	.21	.15
20-24	.09	.13	.01	.00	.53	.05	.11	.15
25-29	.17	.06	.00	.07	.06	.00	.12	.08
30-39	.05	.05	.00	.00	.15	.03	.05	.06
40-49	.05	.06	.12	.00	.03	.00	.05	.03
50-59	.03	.04	.00	.00	.00	.49	.03	.04
60-64	.00	.22	.12	.00	.00	.00	.03	.14
65+	.02	.00	.00	.00	.10	.00	.03	.01
Mean	.26	.17	.12	.16	.25	.22	.20	.18
Females								
9-10	.41	.35	.00	.00	1.14	.23	.22	.09
11	.26	.33	.00	.00	.82	.00	.27	.29
12	.42	.64	.55	.00	.31	.00	.35	.33
13	.51	.66	.00	.00	2.12	.28	.25	.45
14	.41	.00	.46	.00	.66	.00	.35	.17
15	.57	.30	.00	.00	.48	.00	.27	.20
16	.21	.20	.00	.00	.98	.82	.32	.13
17	.16	.18	.00	.00	.15	.00	.11	.07
18	.00	.00	.00	.00	.25	.00	.06	.15
19	.06	.00	.00	.00	.00	.00	.03	.09
20-24	.02	.00	.11	.06	.44	.00	.06	.07
25-29	.04	.05	.00	.00	.05	.00	.05	.02
30-39	.06	.03	.03	.00	.10	.05	.04	.02
40-49	.03	.03	.00	.03	.14	.00	.02	.02
50-59	.02	.00	.01	.00	.00	.26	.02	.02
60-64	.02	.00	.00	.00	.00	.00	.01	.01
65+	.02	.00	.00	.00	.00	.00	.01	.00
Mean	.10	.08	.05	.01	.30	.08	.08	.06

Source: Survey of Day-to-Day Travel in Australia 1985-86

Road Fatality Rates in Australia 1984-85

Table 5.5g. Bicyclists:
Average number of fatalities per one million trip segments
classified by age, sex, state and holiday period.

	ACT		New South Wales		Victoria		Queensland		South Australia	
	NH	H	NH	H	NH	H	NH	H	NH	H
Males										
9-10	.00	.00	.35	.93	.06	.29	.26	.00	.49	.00
11	.00	.00	.00	.00	.00	.31	.18	.00	.37	.00
12	.00		.16	.27	.06	.25	.19	1.12	.00	.93
13	.00		.08	.08	.09	.34	.06	1.11	.19	.00
14	.00	.00	.06	.40	.00	.00	.16	.24	.00	.00
15	.64		.05	.15	.04	.38	.00	.00	.14	.00
16	.00		.09	.47	.19	.00	.12	.00	.11	.00
17	.00		.00	.16	.37	.00	.00	.20	.00	
18	.00	.00	.76	.00	.00	.00	.00	.00	.00	
19			.00		.23	.00	.00	.00		
20-24		.00	.18	.00	.16	.18	.00	.00	.00	.00
25-29	.00		.00		.00	.43	.00	.00	.00	.00
30-39	1.22	.00	.34	.20	.37	.00	.12	4.33	.54	.00
40-49	.00	.00	.00	.00	.23	.65	.36	4.32	.00	.00
50-59			.90	2.19	2.48	.00	.16	.00	.00	.00
60-64			.00	.00	.29	.00	5.44	.00	.00	.75
65+			.51		2.03	.00	2.49	.00	.00	.00
Mean	.19	.00	.12	.22	.15	.16	.14	.22	.14	.14
Females										
9-10	.00		.12	.00	.00	2.02	.00	.00	.00	.00
11	.00		.00	.00	.33	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.14	.00	.00	.00
13	.00		.00	.00	.00	.00	.00	.00	.00	.00
14	.00		.00	.00	.20	.00	.00	.00	.00	.00
15	.00		.00	.00	.00	.00	.00	.48	.00	.00
16	.00		.00	.00	.18	.00	.18	.00	.00	.00
17	.00	.00	.00		.00	.00	.81	.00	.00	
18			.00	.00	.46	.00	.00	.00	.00	.00
19	.00				.00			.00		
20-24		.00	.00	.00	.21	.00	.00	.00	.00	.00
25-29			.00		.40	.00	.00	.00	.00	
30-39	.00		.10	.00	.00	.00	.00	1.58	.00	.00
40-49			.00		.00	.00	.00	.00	.00	.00
50-59			.00		.00	.00	.00	.00	.00	.00
60-64	.00		.00				.00	.00	.00	.00
65+	.00		.00	.00			.00	.00	.00	.00
Mean	.00	.00	.03	.00	.12	.05	.06	.18	.00	.00

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86

(continued)

Table 5.5g. Bicyclists:
Average number of fatalities per one million trip segments
classified by age, sex, state and holiday period.

	Western Australia		Tasmania		NT		Mean	
	NH	H	NH	H	NH	H	NH	H
Males								
9-10	.00	.00			.00		.20	.39
11	.00	.00	1.87	.00	.00	.00	.09	.07
12	.22	.00	.00		.00	.00	.10	.41
13	.09	.00	.00		.00	.00	.09	.15
14	.11	.00	.00		.00		.05	.16
15	.00	.00		.00	.00	.00	.05	.15
16	.22	.00	.00	.00	.00		.13	.13
17	.00	1.48		.00	.00	.00	.13	.15
18	.00	.00		.00		.00	.05	.00
19	.00	.00	.00		.00		.08	.00
20-24	.00	.00	.00		.00	.00	.08	.06
25-29	.00	.00		.00	.00		.00	.13
30-39	.42	.00			.00	.00	.33	.25
40-49	.98	.00	.00		8.20		.24	.42
50-59	.00	.00				.00	.53	.20
60-64		.00	.00				.46	.11
65+	1.71				.00		1.08	.00
Mean	.12	.06	.09	.00	.14	.00	.13	.17
Females								
9-10	.00	.00			.00	.00	.04	.31
11	.00	.00			.00		.10	.00
12	.00	.00	.00		.00		.04	.00
13	.00	.56			.00	.00	.00	.08
14	.00		.00		.00		.07	.00
15	.00	.00			.00		.00	.19
16	.00	.00			.00	.00	.08	.00
17	.00	.00			.00		.12	.00
18					.00		.22	.00
19	.00						.00	.00
20-24	.00		.00	.00	.00		.06	.00
25-29	.00	.00			.00		.06	.00
30-39	.00	.00	.00		.00	.00	.04	.34
40-49	.00	.00		.00	.00		.00	.00
50-59	.00		.00			.00	.00	.00
60-64	.00						.00	.00
65+	.00						.00	.00
Mean	.00	.13	.00	.00	.00	.00	.05	.06

Sources: FORS Fatal File 1984-85
Survey of Day-to-Day Travel in Australia 1985-86