

Section 5

Pedal Cyclist Casualties and Crashes

Table 36
Pedal Cyclist Casualties and Population Statistics - Historical
Year ending 31 December

Year	Population	Injured	Killed	Per 100 000 Population	
				Injured	Killed
1970	2852100	1041	28	37	1.0
1971	2898500	1083	29	37	1.0
1972	2959700	1029	22	35	0.7
1973	3024900	1018	30	34	1.0
1974	3091900	969	26	31	0.8
1975	3143700	745	18	24	0.6
1976	3163400	736	14	23	0.4
1977	3166400	631	21	20	0.7
1978	3165200	588	30	19	0.9
1979	3163900	623	15	20	0.5
1980	3164100	745	22	24	0.7
1981	3195800	748	21	23	0.7
1982	3229800	881	30	27	0.9
1983	3269500	900	19	28	0.6
1984	3299500	958	31	29	0.9
1985	3311200	1106	21	33	0.6
1986	3316700	1012	22	31	0.7
1987	3349100	1051	18	31	0.5
1988	3356200	1081	20	32	0.6
1989	3384510	1051	20	31	0.6
1990	3429100	1054	27	31	0.8
1991	3449700	1000	22	29	0.6
1992	3485400	941	17	27	0.5
1993	3524800	910	17	26	0.5
1994	3577200	882	15	25	0.4
1995	3643200	813	15	22	0.4
1996	3717400	754	13	20	0.3
1997	3761100	724	12	19	0.3
1998	3790900	626	16	17	0.4
1999	3810700	619	8	16	0.2
2000	3830800	559	19	15	0.5
2001	3850100	696	10	18	0.3
2002	3939100	771	14	20	0.4
2003	4009200	722	6	18	0.1
2004	4060900	716	7	18	0.2
2005	4098300	751	12	18	0.3
2006	4139500	833	9	20	0.2

NOTE: Population from 1997 on is from Statistics NZ INFOS series DPEA.SDBC.

Figure 22
Pedal Cyclists as a Percentage of All Road
Crash Casualties

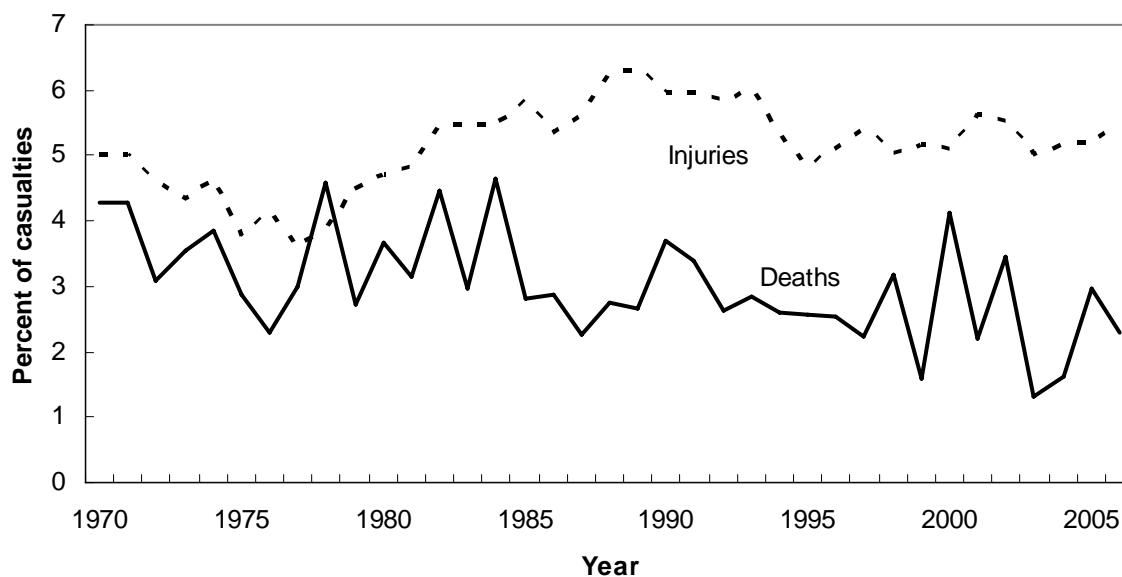


Table 37

**Pedal Cyclist Casualties and Population Statistics
by Age Groups
Year ended 31 December 2006**

Age Groups	Population	Injured	Killed	----- Per 100 000 Population -----	
				Injured	Killed
Under 5	282590	5	0	2	0
5 to 9	288960	27	1	9	0.3
10 to 14	303670	148	2	49	0.7
15 to 19	312130	83	1	27	0.3
20 to 24	291970	62	0	21	0
25 to 29	259740	65	0	25	0
30 to 34	279500	62	0	22	0
35 to 39	305920	63	0	21	0
40 to 44	316520	75	0	24	0
45 to 49	300880	71	1	24	0.3
50 to 54	260440	39	1	15	0.4
55 to 59	240370	29	1	12	0.4
60 to 64	184170	15	0	8	0
65 to 69	153870	14	1	9	0.6
70 to 74	120240	13	0	11	0
75 to 79	104080	5	1	5	1
80 and over	134490	4	0	3	0
Unknown age	0	53	0	-	-
Total	4139540	833	9	20	0.2

NOTE: Population is the resident population as at 30 June. INFOS series DAEA.SJCG01 etc.

**Figure 23
Percentage of Cyclist Casualties by Age
and Gender**

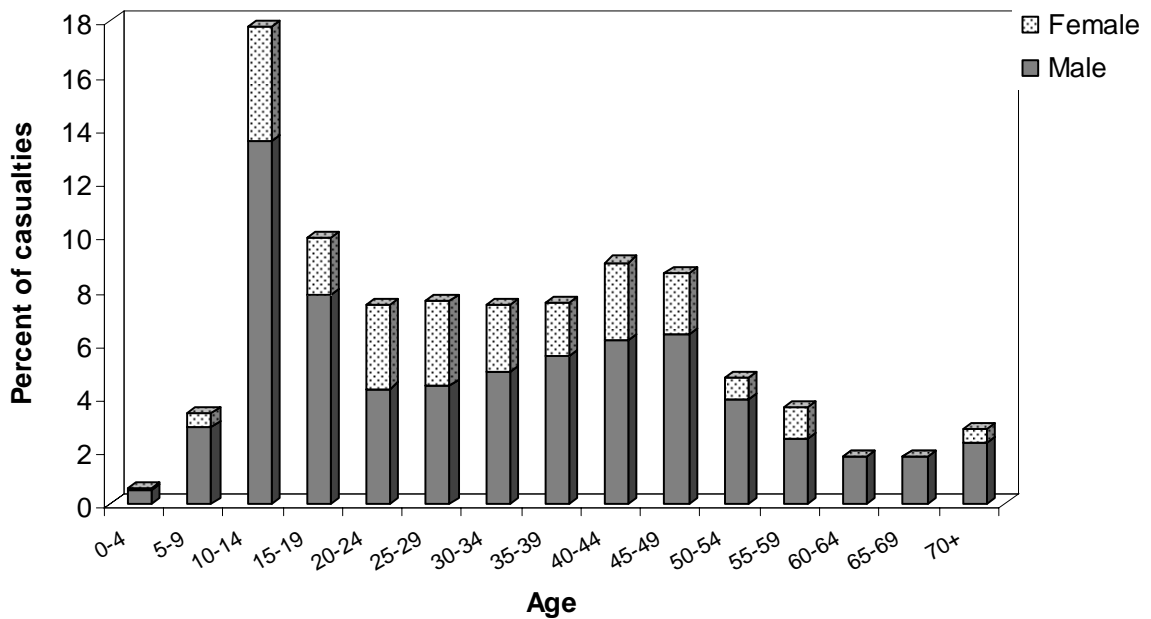


Table 38

**Movement Classification of Injury Crashes Involving Pedal Cyclists on Open and Urban Roads
Year ended 31 December 2006**

Movement Classification	----- URBAN ROADS -----			----- OPEN ROADS -----			UNKNOWN AREA	Total Number of Injury Crashes
	Number of Injury Crashes	As a % of all Injury Crashes	Number During Darkness	Number of Injury Crashes	As a % of all Injury Crashes	Number During Darkness	Number of Injury Crashes	
Overtaking or lane change	55	6.7	8	18	2.2	4	-	73
Head on (not overtaking)	15	1.8	3	5	0.6	1	-	20
LOSS CONTROL OR OFF ROAD:								
On straight	5	0.6	1	-	-	-	-	5
While cornering	8	1.0	1	2	0.2	-	-	10
Collision with obstruction	61	7.4	5	6	0.7	1	3	70
Rear end	27	3.3	6	17	2.1	2	1	45
INTERSECTIONS OR DRIVEWAYS:								
Turning versus same direction	58	7.0	4	3	0.4	-	-	61
Crossing no turns	127	15.4	25	5	0.6	1	1	133
Crossing vehicle turning	114	13.8	25	5	0.6	-	-	119
Vehicles merging	84	10.2	13	7	0.8	1	-	91
Right turn against	120	14.5	21	4	0.5	-	1	125
Vehicle manoeuvring	66	8.0	8	2	0.2	-	1	69
Pedestrian crossing road	2	0.2	1	-	-	-	-	2
Pedestrian other	1	0.1	1	-	-	-	-	1
Miscellaneous	1	0.1	-	-	-	-	-	1
TOTALS	744	90.2	122	74	9.0	10	7	825

Note: This table does not include fatal crashes (see table 39)

Table 39

**Movement Classification of Fatal Crashes Involving Pedal Cyclists on Open and Urban Roads
Year ended 31 December 2006**

Movement Classification	----- URBAN ROADS -----			----- OPEN ROADS -----			UNKNOWN AREA	Total Number of Fatal Crashes
	Number of Fatal Crashes	As a % of all Fatal Crashes	Number During Darkness	Number of Fatal Crashes	As a % of all Fatal Crashes	Number During Darkness	Number of Fatal Crashes	
Overtaking or lane change	-	-	-	2	22.2	-	-	2
Head on (not overtaking)	1	11.1	-	1	11.1	-	-	2
LOSS CONTROL OR OFF ROAD:								
On straight	-	-	-	1	11.1	-	-	1
While cornering	-	-	-	-	-	-	-	-
Collision with obstruction	-	-	-	-	-	-	-	-
Rear end	-	-	-	-	-	-	-	-
INTERSECTIONS OR DRIVEWAYS:								
Turning versus same direction	-	-	-	1	11.1	-	-	1
Crossing no turns	-	-	-	1	11.1	-	-	1
Crossing vehicle turning	-	-	-	-	-	-	-	-
Vehicles merging	1	11.1	-	-	-	-	-	1
Right turn against	1	11.1	-	-	-	-	-	1
Vehicle manoeuvring	-	-	-	-	-	-	-	-
Pedestrian crossing road	-	-	-	-	-	-	-	-
Pedestrian other	-	-	-	-	-	-	-	-
Miscellaneous	-	-	-	-	-	-	-	-
TOTALS	3	33.3	-	6	66.7	-	-	9

NOTE: A pedal cyclist can be involved in a crash and escape Injury or Death.
For movement classification see note 9(a).
For area classification see note 11.

Table 40

**Crashes Involving Pedal Cyclists by Time of Day and Day of Week
Year ended 31 December 2006**

Time of Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Totals
Midnight to 12.59am	1 (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	1 (-)
1am to 1.59am	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)
2am to 2.59am	- (-)	- (-)	- (-)	- (-)	- (-)	1 (-)	- (-)	1 (-)
3am to 3.59am	- (-)	- (-)	1 (-)	- (-)	- (-)	- (-)	- (-)	1 (-)
4am to 4.59am	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)
5am to 5.59am	1 (-)	1 (-)	1 (-)	3 (-)	- (-)	- (-)	1 (-)	7 (-)
6am to 6.59am	2 (-)	7 (-)	2 (-)	4 (-)	6 (-)	- (-)	- (-)	21 (-)
7am to 7.59am	16 (-)	14 (-)	23 (-)	5 (-)	11 (-)	2 (-)	2 (-)	73 (-)
8am to 8.59am	16 (-)	17 (1)	18 (-)	19 (1)	20 (-)	3 (-)	3 (-)	96 (2)
9am to 9.59am	3 (-)	8 (-)	12 (-)	9 (-)	2 (-)	8 (-)	6 (-)	48 (-)
10am to 10.59am	3 (-)	4 (1)	2 (-)	4 (-)	5 (-)	16 (-)	7 (-)	41 (1)
11am to 11.59am	2 (-)	3 (-)	4 (-)	5 (-)	7 (-)	5 (1)	7 (-)	33 (1)
noon to 12.59am	5 (-)	2 (-)	9 (-)	8 (-)	8 (-)	12 (-)	9 (-)	53 (-)
1pm to 1.59pm	2 (-)	8 (-)	2 (-)	3 (1)	7 (-)	6 (-)	11 (1)	39 (2)
2pm to 2.59pm	1 (-)	5 (-)	6 (-)	5 (-)	4 (-)	6 (-)	5 (-)	32 (-)
3pm to 3.59pm	14 (-)	18 (-)	14 (-)	11 (-)	16 (1)	10 (-)	2 (-)	85 (1)
4pm to 4.59pm	17 (-)	12 (-)	15 (-)	12 (-)	14 (-)	3 (-)	10 (-)	83 (-)
5pm to 5.59pm	12 (1)	20 (-)	7 (-)	25 (-)	16 (-)	6 (-)	5 (-)	91 (1)
6pm to 6.59pm	7 (-)	8 (-)	15 (-)	15 (-)	8 (-)	10 (1)	- (-)	63 (1)
7pm to 7.59pm	7 (-)	6 (-)	4 (-)	4 (-)	2 (-)	1 (-)	2 (-)	26 (-)
8pm to 8.59pm	3 (-)	3 (-)	3 (-)	1 (-)	- (-)	1 (-)	1 (-)	12 (-)
9pm to 9.59pm	- (-)	1 (-)	1 (-)	2 (-)	- (-)	- (-)	- (-)	4 (-)
10pm to 10.59pm	1 (-)	- (-)	- (-)	- (-)	- (-)	1 (-)	- (-)	2 (-)
11pm to 11.59pm	- (-)	- (-)	- (-)	- (-)	- (-)	1 (-)	- (-)	1 (-)
Unknown time	2 (-)	1 (-)	2 (-)	3 (-)	2 (-)	2 (-)	- (-)	12 (-)
TOTALS	115 (1)	138 (2)	141 (-)	138 (2)	128 (1)	94 (2)	71 (1)	825 (9)

NOTE: The figures in brackets are fatal crashes and are not included in the adjacent totals.

**Figure 24
Cyclist Casualties by Time of Day
and Day of Week**

