

## **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	36.5	1.0
1971	2898500	1083	29	37.4	1.0
1972	2959700	1029	22	34.8	0.7
1973	3024900	1018	30	33.7	1.0
1974	3091900	969	26	31.3	0.8
1975	3143700	745	18	23.7	0.6
1976	3163400	736	14	23.3	0.4
1977	3166400	631	21	19.9	0.7
1978	3165200	588	30	18.6	0.9
1979	3163900	623	15	19.7	0.5
1980	3164100	745	22	23.5	0.7
1981	3195800	748	21	23.4	0.7
1982	3229800	881	30	27.3	0.9
1983	3269500	900	19	27.5	0.6
1984	3299500	958	31	29.0	0.9
1985	3311200	1106	21	33.4	0.6
1986	3316700	1012	22	30.5	0.7
1987	3349100	1051	18	31.4	0.5
1988	3356200	1081	20	32.2	0.6
1989	3384510	1051	20	31.1	0.6
1990	3429100	1054	27	30.7	0.8
1991	3449700	1000	22	29.0	0.6
1992	3485400	941	17	27.0	0.5
1993	3524800	910	17	25.8	0.5
1994	3577200	882	15	24.7	0.4
1995	3643200	813	15	22.3	0.4
1996	3717400	754	13	20.3	0.3
1997	3761100	724	12	19.2	0.3
1998	3790900	626	16	16.5	0.4
1999	3810700	619	8	16.2	0.2
2000	3830800	559	19	14.6	0.5
2001	3850100	696	10	18.1	0.3
2002	3939100	771	14	19.6	0.4
2003	4009200	722	6	18.0	0.1

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

**TABLE 37**

**PEDAL CYCLIST CASUALTIES AND POPULATION STATISTICS  
BY AGE GROUPS  
Year ended 31 December 2003**

Age Groups	Population	Injured	Killed	Per 100,000 Population	
				Injured	Killed
Under 5	279440	4	0	1.4	0.0
5 to 9	293190	26	0	8.9	0.0
10 to 14	311900	167	3	53.5	1.0
15 to 19	295710	82	0	27.7	0.0
20 to 24	279160	68	0	24.4	0.0
25 to 29	249110	55	0	22.1	0.0
30 to 34	293620	54	0	18.4	0.0
35 to 39	303280	56	0	18.5	0.0
40 to 44	315110	42	1	13.3	0.3
45 to 49	276790	32	1	11.6	0.4
50 to 54	247710	32	0	12.9	0.0
55 to 59	214970	21	0	9.8	0.0
60 to 64	171370	19	0	11.1	0.0
65 to 69	135810	8	0	5.9	0.0
70 to 74	120850	2	1	1.7	0.8
75 to 79	100130	7	0	7.0	0.0
80 and over	121000	2	0	1.7	0.0
Unknown age	0	45	0	0	0
<b>Total</b>	<b>4009150</b>	<b>722</b>	<b>6</b>	<b>18.0</b>	<b>0.1</b>

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

TABLE 38

**MOVEMENT CLASSIFICATION OF INJURY CRASHES INVOLVING PEDAL CYCLISTS  
ON OPEN AND URBAN ROADS  
Year ended 31 December 2003**

Movement Classification	----- URBAN ROADS -----			----- OPEN ROADS -----			UNKNOWN AREA	Total
	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	Number of Injury Crashes
Overtaking or lane change	53	7.43	7	15	2.10	2	1	69
Head on (not overtaking)	13	1.82	3	3	0.42	-	-	16
LOSS CONTROL OR OFF ROAD:								
On straight	2	0.28	-	1	0.14	1	-	3
While cornering	8	1.12	1	1	0.14	-	-	9
Collision with obstruction	44	6.17	5	-	-	-	-	44
Rear end	20	2.81	1	13	1.82	1	-	33
INTERSECTIONS OR DRIVEWAYS:								
Turning versus same direction	62	8.70	4	5	0.70	-	-	67
Crossing no turns	114	15.99	13	1	0.14	-	-	115
Crossing vehicle turning	113	15.85	19	2	0.28	-	-	115
Vehicles merging	57	7.99	14	4	0.56	-	-	61
Right turn against	112	15.71	20	2	0.28	-	-	114
Vehicle manoeuvring	58	8.13	10	2	0.28	1	-	60
Pedestrian crossing road	-	-	-	-	-	-	-	-
Pedestrian other	2	0.28	-	-	-	-	-	2
Miscellaneous	3	0.42	1	2	0.28	-	-	5
<b>TOTALS</b>	<b>661</b>	<b>92.71</b>	<b>98</b>	<b>51</b>	<b>7.15</b>	<b>5</b>	<b>1</b>	<b>713</b>

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 2003**

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	1	14.29	-	2	28.57	-	-	3
Head on (not overtaking)	-	-	-	1	14.29	-	-	1
LOSS CONTROL OR OFF ROAD:								
On straight	-	-	-	-	-	-	-	-
While cornering	-	-	-	-	-	-	-	-
Collision with obstruction	-	-	-	-	-	-	-	-
Rear end	-	-	-	1	14.29	-	-	1
INTERSECTIONS OR DRIVEWAYS:								
Turning versus same direction	-	-	-	-	-	-	-	-
Crossing no turns	-	-	-	-	-	-	-	-
Crossing vehicle turning	-	-	-	-	-	-	-	-
Vehicles merging	-	-	-	1	14.29	-	-	1
Right turn against	-	-	-	-	-	-	-	-
Vehicle manoeuvring	-	-	-	-	-	-	-	-
Pedestrian crossing road	-	-	-	-	-	-	-	-
Pedestrian other	1	14.29	-	-	-	-	-	1
Miscellaneous	-	-	-	-	-	-	-	-
<b>TOTALS</b>	<b>2</b>	<b>28.57</b>	<b>-</b>	<b>5</b>	<b>71.43</b>	<b>-</b>	<b>-</b>	<b>7</b>

**NOTE: 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 2003**

Time of Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Totals
Midnight to 12.59am	- (-)	- (-)	- (-)	- (-)	- (-)	1 (-)	- (-)	1 (-)
1am to 1.59am	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	1 (-)	1 (-)
4am to 4.59am	- (-)	- (-)	1 (-)	- (-)	1 (-)	- (-)	- (-)	2 (-)
5am to 5.59am	- (-)	- (-)	1 (-)	- (-)	- (-)	- (-)	- (-)	1 (-)
6am to 6.59am	4 (-)	5 (-)	3 (-)	4 (-)	5 (-)	2 (-)	- (-)	23 (-)
7am to 7.59am	10 (-)	14 (-)	4 (-)	12 (-)	11 (-)	2 (-)	- (-)	53 (-)
8am to 8.59am	20 (-)	28 (-)	23 (-)	17 (-)	19 (-)	2 (-)	4 (-)	113 (-)
9am to 9.59am	7 (-)	4 (-)	8 (1)	1 (-)	3 (-)	4 (-)	3 (-)	30 (1)
10am to 10.59am	5 (-)	5 (-)	3 (-)	4 (-)	4 (-)	6 (-)	2 (-)	29 (-)
11am to 11.59am	3 (-)	4 (-)	4 (-)	3 (-)	4 (-)	8 (-)	4 (-)	30 (-)
noon to 12.59pm	8 (-)	3 (-)	4 (-)	3 (-)	2 (-)	4 (-)	3 (-)	27 (-)
1pm to 1.59pm	2 (-)	3 (-)	7 (-)	4 (-)	4 (-)	5 (2)	3 (-)	28 (2)
2pm to 2.59pm	5 (1)	1 (-)	6 (-)	4 (-)	2 (-)	5 (-)	2 (-)	25 (1)
3pm to 3.59pm	8 (-)	15 (-)	13 (-)	14 (-)	18 (-)	14 (-)	5 (-)	87 (-)
4pm to 4.59pm	7 (-)	16 (-)	13 (-)	16 (-)	17 (-)	5 (-)	6 (-)	80 (-)
5pm to 5.59pm	8 (-)	20 (-)	15 (1)	16 (-)	13 (-)	4 (-)	8 (-)	84 (1)
6pm to 6.59pm	5 (2)	8 (-)	10 (-)	7 (-)	4 (-)	2 (-)	3 (-)	39 (2)
7pm to 7.59pm	4 (-)	5 (-)	4 (-)	5 (-)	5 (-)	2 (-)	- (-)	25 (-)
8pm to 8.59pm	2 (-)	2 (-)	5 (-)	5 (-)	2 (-)	1 (-)	2 (-)	19 (-)
9pm to 9.59pm	- (-)	- (-)	1 (-)	- (-)	- (-)	1 (-)	- (-)	2 (-)
10pm to 10.59pm	- (-)	- (-)	1 (-)	- (-)	- (-)	- (-)	- (-)	1 (-)
11pm to 11.59pm	1 (-)	1 (-)	- (-)	- (-)	- (-)	- (-)	1 (-)	3 (-)
Unknown time	2 (-)	3 (-)	1 (-)	1 (-)	- (-)	2 (-)	1 (-)	10 (-)
<b>TOTALS</b>	<b>101 (3)</b>	<b>137 (-)</b>	<b>127 (2)</b>	<b>116 (-)</b>	<b>114 (-)</b>	<b>70 (2)</b>	<b>48 (-)</b>	<b>713 (7)</b>

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