

DEPARTMENT OF TRANSPORT

**Department of Transport
Federal Office of Road Safety**

**FEDERAL OFFICE OF ROAD SAFETY
SERIOUS INJURY DATABASE
1993 TABULATIONS**

Prepared by

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Abstract

This report represents a general set of tabulations for 1993 from the serious injury database compiled by the Federal Office of Road Safety (FORS). More specific review of the 1993 police serious crash data will be provided within FORS' annual statistical series *Road Crashes Resulting in Hospitalisation*, together with analysis of hospital data for that year about road crash admissions.

The serious injury database is compiled by FORS from records provided by state and territory governments that are derived from local data sets of police records of road crashes resulting in death or hospitalisation. Differences between the source data sets cause the database some unavoidable limitations in scope and precision. Nevertheless it represents the only national collection of police data about fatal and serious road crashes, giving national data for 30 key items about the circumstances of each crash and the vehicles, operators and casualties involved.

FORWARD

Purpose of this report

This report presents a representative set of tabulations for 1993 from the serious injury database compiled by the Federal Office of Road Safety (FORS).

This set of tabulations is intended to provide road safety researchers with a general guide to the scope and reliability of the database. More specific review of 1993 police serious crash data will be provided within FORS' annual statistical series *Road Crashes Resulting in Hospitalisation*, together with analysis of hospital data for that year about road crash admissions.

Background to the serious injury database

The serious injury database is compiled annually by FORS from records provided by State and Territory governments that are derived from local data sets of police records of road crashes resulting in death or hospitalisation. The individual local data sets differ substantially in regard to items available, level of detail recorded and data architecture, and FORS' national database incorporates those items that are common to all or most jurisdictions or are convertible to a reasonably standard pattern. The database now covers the years 1989 to 1993.

Because of the differences between the source data sets the database suffers some unavoidable limitations in scope and precision, as outlined below. Nevertheless, it represents the only available national collection of police data about fatal and serious road crashes, giving national data for 40 key items covering the circumstances of each crash and the vehicles, operators and casualties involved.

Database limitations

The reader should note the following limitations of the database. Additional details are provided in Appendix A.

Most limitations stem from the differences between the source data sets. These are:

- The database excludes a number of useful items that are available in only a minority of the source data sets, for example urbanisation of crash site, major causal factors, vehicle speed and responsibility for crash.
- However, wherever possible, items have generally been included rather than excluded, albeit often with some compromises in terms of conformity. For example, *Accident Type* originates from a variety of sources depending on the jurisdiction concerned. In the larger States the source is DCA/RUM, although generally of differing versions: for other jurisdictions the source is a jurisdiction-specific classification of accident type. For a few other items the full set of classification codes is unavailable for specific jurisdictions.
- Similarly, items are generally included in the database if unavailability does not extend beyond one or two jurisdictions.
- Other than for Victoria and Tasmania, the database provides no information about crash participants who were not injured.

Due to missing information in the source documents of all jurisdictions the database also suffers a high incidence of missing values for operator blood alcohol level and vehicle occupant seat belt use.

Acknowledgments

FORS gratefully acknowledges the provision of the source data for the serious injury database by the New South Wales Roads & Traffic Authority, Vicroads, Queensland Department of Transport, South Australian Office of Road Safety, Western Australian Police and Western Australian Main Roads Department, Tasmanian Department of Roads & Transport, Northern Territory Police and Australian Capital Territory Department of Urban Services.

Enquiries

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APPENDIX: DATABASE LIMITATIONSA-1

1 Tables 1993

1.1 Crash variables by State/Territory

Table 1.1.1 Fatal and serious injury crashes in 1993 in each State by month

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
Fatal crashes									
January	34	26	25	15	8	8	2	0	118
February	29	34	31	14	11	2	1	1	123
March	49	34	19	21	15	3	4	1	146
April	42	35	22	16	14	3	6	0	138
May	36	36	23	17	18	3	1	0	134
June	40	31	28	14	13	2	5	1	134
July	38	30	33	14	15	3	2	0	135
August	54	26	40	14	21	5	6	1	167
September	40	29	33	17	13	5	2	2	141
October	55	36	41	17	22	5	7	4	187
November	44	29	28	16	13	4	3	1	138
December	57	35	34	16	27	4	2	0	175
Total	518	381	357	191	190	47	41	11	1736
January	7%	7%	7%	8%	4%	17%	5%	0%	7%
February	6%	9%	9%	7%	6%	4%	2%	9%	7%
March	9%	9%	5%	11%	8%	6%	10%	9%	8%
April	8%	9%	6%	8%	7%	6%	15%	0%	8%
May	7%	9%	6%	9%	9%	6%	2%	0%	8%
June	8%	8%	8%	7%	7%	4%	12%	9%	8%
July	7%	8%	9%	7%	8%	6%	5%	0%	8%
August	10%	7%	11%	7%	11%	11%	15%	9%	10%
September	8%	8%	9%	9%	7%	11%	5%	18%	8%
October	11%	9%	11%	9%	12%	11%	17%	36%	11%
November	8%	8%	8%	8%	7%	9%	7%	9%	8%
December	11%	9%	10%	8%	14%	9%	5%	0%	10%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Serious injury crashes									
January	410	394	226	135	155	33	16	10	1379
February	401	369	208	98	160	45	15	7	1303
March	477	444	252	99	164	36	14	14	1500
April	424	401	256	83	157	26	28	7	1382
May	408	438	287	110	177	26	34	24	1504
June	411	359	281	77	147	27	23	16	1341
July	435	369	282	87	147	22	39	6	1387
August	405	379	284	91	138	30	28	10	1365
September	389	353	278	100	181	36	27	13	1377
October	469	428	304	121	181	25	35	14	1577
November	444	420	260	76	180	32	36	11	1459
December	500	457	268	112	197	47	20	11	1612
Total	5173	4811	3186	1189	1984	385	315	143	17186
January	8%	8%	7%	11%	8%	9%	5%	7%	8%
February	8%	8%	7%	8%	8%	12%	5%	5%	8%
March	9%	9%	8%	8%	8%	9%	4%	10%	9%
April	8%	8%	8%	7%	8%	7%	9%	5%	8%
May	8%	9%	9%	9%	9%	7%	11%	17%	9%
June	8%	7%	9%	6%	7%	7%	7%	11%	8%
July	8%	8%	9%	7%	7%	6%	12%	4%	8%
August	8%	8%	9%	8%	7%	8%	9%	7%	8%
September	8%	7%	9%	8%	9%	9%	9%	9%	8%
October	9%	9%	10%	10%	9%	6%	11%	10%	9%
November	9%	9%	8%	6%	9%	8%	11%	8%	8%
December	10%	9%	8%	9%	10%	12%	6%	8%	9%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Table 1.1.2 Fatal and serious injury crashes in 1993 in each State by day of the week

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
Fatal crashes									
<i>Day of week</i>									
Monday	57	34	41	12	20	7	4	1	176
Tuesday	71	44	41	13	25	3	3	0	200
Wednesday	65	51	45	30	23	9	6	0	229
Thursday	79	48	45	30	23	6	8	3	242
Friday	89	73	59	26	38	8	10	3	306
Saturday	89	68	65	46	36	4	8	3	319
Sunday	68	63	61	34	25	10	2	1	264
Total	518	381	357	191	190	47	41	11	1736
Monday	11%	9%	11%	6%	11%	15%	10%	9%	10%
Tuesday	14%	12%	11%	7%	13%	6%	7%	0%	12%
Wednesday	13%	13%	13%	16%	12%	19%	15%	0%	13%
Thursday	15%	13%	13%	16%	12%	13%	20%	27%	14%
Friday	17%	19%	17%	14%	20%	17%	24%	27%	18%
Saturday	17%	18%	18%	24%	19%	9%	20%	27%	18%
Sunday	13%	17%	17%	18%	13%	21%	5%	9%	15%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Serious injury crashes									
<i>Day of week</i>									
Monday	633	619	390	167	237	40	43	11	2140
Tuesday	658	589	407	124	247	47	25	19	2116
Wednesday	681	641	417	168	244	46	40	22	2259
Thursday	729	700	463	169	282	49	59	32	2483
Friday	869	775	571	185	365	63	64	16	2908
Saturday	860	814	518	192	307	77	39	21	2828
Sunday	743	673	420	184	302	63	45	22	2452
Total	5173	4811	3186	1189	1984	385	315	143	17186
Monday	12%	13%	12%	14%	12%	10%	14%	8%	12%
Tuesday	13%	12%	13%	10%	12%	12%	8%	13%	12%
Wednesday	13%	13%	13%	14%	12%	12%	13%	15%	13%
Thursday	14%	15%	15%	14%	14%	13%	19%	22%	14%
Friday	17%	16%	18%	16%	18%	16%	20%	11%	17%
Saturday	17%	17%	16%	16%	15%	20%	12%	15%	16%
Sunday	14%	14%	13%	15%	15%	16%	14%	15%	14%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Table 1.1.3a Fatal crashes in 1993 in each State by time of day

Fatal crashes	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
<i>Hour</i>									
0	11	12	17	7	8	5	1	1	62
1	15	16	9	9	7	0	1	0	57
2	22	12	11	9	5	2	1	0	62
3	15	9	10	5	5	0	3	0	47
4	15	10	6	4	4	2	1	1	43
5	6	8	12	1	1	1	0	0	29
6	29	13	14	5	4	4	0	1	70
7	11	18	14	5	6	2	0	0	56
8	21	12	10	3	4	1	2	0	53
9	25	8	12	10	8	4	1	0	68
10	23	17	11	9	9	2	0	1	72
11	23	18	20	8	5	1	1	0	76
12	19	16	16	3	9	2	0	0	65
13	29	16	17	6	4	1	3	0	76
14	29	13	14	9	11	2	3	0	81
15	27	23	24	9	12	4	3	0	102
16	30	27	32	10	11	2	3	0	115
17	33	22	23	14	8	2	2	1	105
18	30	20	23	18	11	2	1	0	105
19	17	20	16	6	14	1	4	0	78
20	17	18	13	14	7	0	4	1	74
21	22	13	12	4	7	3	1	0	62
22	18	24	13	9	10	2	2	0	78
23	31	16	8	13	9	2	4	5	88
Unknown	0	0	0	1	11	0	0	0	12
Total	518	381	357	191	190	47	41	11	1736
6-8	12%	11%	11%	7%	7%	15%	5%	9%	10%
9-11	14%	11%	12%	14%	12%	15%	5%	9%	12%
12-14	15%	12%	13%	9%	13%	11%	15%	0%	13%
15-17	17%	19%	22%	17%	16%	17%	20%	9%	19%
18-20	12%	15%	15%	20%	17%	6%	22%	9%	15%
21-23	14%	14%	9%	14%	14%	15%	17%	45%	13%
0-2	9%	10%	10%	13%	11%	15%	7%	9%	10%
3-5	7%	7%	8%	5%	5%	6%	10%	9%	7%
Unknown	0%	0%	0%	1%	6%	0%	0%	0%	1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Table 1.1.3b Serious injury crashes in 1993 in each State by time of day

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
Serious injury crashes									
<i>Hour</i>									
0	155	131	67	33	62	8	12	4	472
1	113	100	74	27	47	10	7	4	382
2	98	70	46	26	36	7	5	2	290
3	85	64	49	19	32	5	8	1	263
4	80	56	31	13	28	4	4	2	218
5	70	53	56	22	32	2	6	3	244
6	119	112	87	31	58	2	5	1	415
7	162	165	120	36	65	13	11	8	580
8	226	258	155	48	93	13	11	3	807
9	206	190	114	48	93	17	12	5	685
10	247	208	158	57	91	14	10	7	792
11	240	217	182	61	82	16	13	6	817
12	245	269	174	53	93	16	14	3	867
13	299	231	180	58	96	16	16	4	900
14	299	292	177	50	87	26	16	7	954
15	401	378	272	99	140	28	21	12	1351
16	399	381	272	87	132	39	31	13	1354
17	419	366	244	95	144	30	28	9	1335
18	322	337	180	69	123	21	20	10	1082
19	253	246	157	64	91	26	16	6	859
20	186	214	106	54	84	28	13	16	701
21	200	163	112	52	61	14	11	7	620
22	161	156	88	44	63	19	14	5	550
23	166	144	85	43	58	9	11	5	521
Unknown	22	10	0	0	93	2	0	0	127
Total	5173	4811	3186	1189	1984	385	315	143	17186
6-8	10%	11%	11%	10%	11%	7%	9%	8%	10%
9-11	13%	13%	14%	14%	13%	12%	11%	13%	13%
12-14	16%	16%	17%	14%	14%	15%	15%	10%	16%
15-17	24%	23%	25%	24%	21%	25%	25%	24%	24%
18-20	15%	17%	14%	16%	15%	19%	16%	22%	15%
21-23	10%	10%	9%	12%	9%	11%	11%	12%	10%
0-2	7%	6%	6%	7%	7%	6%	8%	7%	7%
3-5	5%	4%	4%	5%	5%	3%	6%	4%	4%
Unknown	0%	0%	0%	0%	5%	1%	0%	0%	1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Table 1.1.4 Fatal and serious injury crashes in 1993 in each State by accident type

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
Fatal crashes									
<i>Type of crash</i>									
Head on	107	64	55	25	20	8	2	1	282
Rear end	15	13	7	5	7	2	1	1	51
Angular	68	69	71	33	40	7	4	2	294
Struck pedestrian	114	70	44	31	36	7	10	3	315
Struck animal	4	4	7	1	0	1	0	0	17
Struck object	148	121	101	45	57	6	3	2	483
Overtaken	48	21	53	19	28	3	18	0	190
Struck parked	9	8	2	5	1	1	0	0	26
Other	5	11	16	27	1	12	3	0	75
Unknown	0	0	1	0	0	0	0	2	3
Total	518	381	357	191	190	47	41	11	1736
Head on	21%	17%	15%	13%	11%	17%	5%	9%	16%
Rear end	3%	3%	2%	3%	4%	4%	2%	9%	3%
Angular	13%	18%	20%	17%	21%	15%	10%	18%	17%
Struck pedestrian	22%	18%	12%	16%	19%	15%	24%	27%	18%
Struck animal	1%	1%	2%	1%	0%	2%	0%	0%	1%
Struck object	29%	32%	28%	24%	30%	13%	7%	18%	28%
Overtaken	9%	6%	15%	10%	15%	6%	44%	0%	11%
Struck parked	2%	2%	1%	3%	1%	2%	0%	0%	1%
Other	1%	3%	4%	14%	1%	26%	7%	0%	4%
Unknown	0%	0%	0%	0%	0%	0%	0%	18%	0%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Serious injury crashes									
<i>Type of crash</i>									
Head on	509	277	208	52	34	25	9	7	1121
Rear end	383	401	272	102	186	19	21	8	1392
Angular	1269	1442	919	321	643	103	65	65	4827
Struck pedestrian	945	728	366	170	237	56	43	12	2557
Struck animal	57	26	43	8	15	3	7	1	160
Struck object	1209	1101	727	173	492	51	21	32	3806
Overtaken	594	228	355	168	196	39	80	1	1661
Struck parked	150	181	46	35	23	7	4	4	450
Other	48	426	248	160	94	82	52	13	1123
Unknown	9	1	2	0	64	0	13	0	89
Total	5173	4811	3186	1189	1984	385	315	143	17186
Head on	10%	6%	7%	4%	2%	6%	3%	5%	7%
Rear end	7%	8%	9%	9%	9%	5%	7%	6%	8%
Angular	25%	30%	29%	27%	32%	27%	21%	45%	28%
Struck pedestrian	18%	15%	11%	14%	12%	15%	14%	8%	15%
Struck animal	1%	1%	1%	1%	1%	1%	2%	1%	1%
Struck object	23%	23%	23%	15%	25%	13%	7%	22%	22%
Overtaken	11%	5%	11%	14%	10%	10%	25%	1%	10%
Struck parked	3%	4%	1%	3%	1%	2%	1%	3%	3%
Other	1%	9%	8%	13%	5%	21%	17%	9%	7%
Unknown	0%	0%	0%	0%	3%	0%	4%	0%	1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Table 1.1.5 Fatal and serious injury crashes in 1993 in each State by location

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
Fatal crashes									
<i>Location</i>									
Not at intersection	409	274	256	141	134	36	33	7	1290
T-intersection	57	51	38	35	23	4	8	4	220
Y-intersection	6	0	7	1	0	1	0	0	15
X-intersection	42	49	45	12	16	4	0	0	168
Multi-intersection	1	5	0	1	0	0	0	0	7
Roundabout	3	2	0	1	1	0	0	0	7
Other	0	0	11	0	15	0	0	0	26
Unknown	0	0	0	0	1	2	0	0	3
Total	518	381	357	191	190	47	41	11	1736
Not at intersection	79%	72%	72%	74%	71%	77%	80%	64%	74%
T-intersection	11%	13%	11%	18%	12%	9%	20%	36%	13%
Y-intersection	1%	0%	2%	1%	0%	2%	0%	0%	1%
X-intersection	8%	13%	13%	6%	8%	9%	0%	0%	10%
Multi-intersection	0%	1%	0%	1%	0%	0%	0%	0%	0%
Roundabout	1%	1%	0%	1%	1%	0%	0%	0%	0%
Other	0%	0%	3%	0%	8%	0%	0%	0%	1%
Unknown	0%	0%	0%	0%	1%	4%	0%	0%	0%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Serious injury crashes									
<i>Location</i>									
Not at intersection	3334	2540	1864	750	1043	290	233	49	10103
T-intersection	905	1006	599	234	392	52	63	41	3292
Y-intersection	21	25	28	0	0	5	1	1	81
X-intersection	831	1113	596	181	350	36	16	34	3157
Multi-intersection	30	68	8	7	4	0	0	1	118
Roundabout	52	56	56	17	16	0	0	5	202
Other	0	1	35	0	153	0	1	4	194
Unknown	0	2	0	0	26	2	1	8	39
Total	5173	4811	3186	1189	1984	385	315	143	17186
Not at intersection	64%	53%	59%	63%	53%	75%	74%	34%	59%
T-intersection	17%	21%	19%	20%	20%	14%	20%	29%	19%
Y-intersection	0%	1%	1%	0%	0%	1%	0%	1%	0%
X-intersection	16%	23%	19%	15%	18%	9%	5%	24%	18%
Multi-intersection	1%	1%	0%	1%	0%	0%	0%	1%	1%
Roundabout	1%	1%	2%	1%	1%	0%	0%	3%	1%
Other	0%	0%	1%	0%	8%	0%	0%	3%	1%
Unknown	0%	0%	0%	0%	1%	1%	0%	6%	0%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Table 1.1.6a Fatal crashes in 1993 in each State by speed limit

Fatal crashes	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
<i>Speed limit</i>									
25	0	0	0	1	0	0	0	0	1
40	1	0	1	1	0	0	0	0	3
60	203	149	136	88	62	18	9	0	665
70	19	9	5	1	15	1	3	0	53
75	0	28	0	0	0	0	0	0	28
80	40	10	36	17	12	2	2	0	119
90	14	4	0	0	8	1	0	0	27
100	200	172	179	26	2	24	1	0	604
110	35	9	0	57	77	0	0	0	178
Unrestricted	0	0	0	0	0	0	25	0	25
Not collected	0	0	0	0	0	0	0	11	11
Unknown	6	0	0	0	14	1	1	0	22
Total	518	381	357	191	190	47	41	11	1736
25	0%	0%	0%	1%	0%	0%	0%	0%	0%
40	0%	0%	0%	1%	0%	0%	0%	0%	0%
60	39%	39%	38%	46%	33%	38%	22%	0%	38%
70	4%	2%	1%	1%	8%	2%	7%	0%	3%
75	0%	7%	0%	0%	0%	0%	0%	0%	2%
80	8%	3%	10%	9%	6%	4%	5%	0%	7%
90	3%	1%	0%	0%	4%	2%	0%	0%	2%
100	39%	45%	50%	14%	1%	51%	2%	0%	35%
110	7%	2%	0%	30%	41%	0%	0%	0%	10%
Unrestricted	0%	0%	0%	0%	0%	0%	61%	0%	1%
Not collected	0%	0%	0%	0%	0%	0%	0%	100%	1%
Unknown	1%	0%	0%	0%	7%	2%	2%	0%	1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Table 1.1.6b Serious injury crashes in 1993 in each State by speed limit

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
Serious injury crashes									
<i>Speed limit</i>									
10	0	0	1	3	0	0	0	0	4
20	1	0	0	1	0	1	0	0	3
25	0	0	0	3	0	1	0	0	4
30	0	0	0	2	0	0	0	0	2
40	16	11	30	1	5	5	1	0	69
50	1	1	5	0	0	0	0	0	7
60	3069	3000	1867	688	1032	164	141	0	9961
70	213	93	61	12	166	15	26	0	586
75	0	345	0	1	0	0	0	0	346
80	320	119	259	86	93	17	17	0	911
90	56	35	3	4	72	6	0	0	176
100	1212	1133	958	173	8	173	17	0	3674
110	158	41	2	215	408	0	0	0	824
Unrestricted	0	0	0	0	0	0	112	0	112
Not collected	0	0	0	0	0	0	0	143	143
Unknown	127	33	0	0	200	3	1	0	364
Total	5173	4811	3186	1189	1984	385	315	143	17186
10	0%	0%	0%	0%	0%	0%	0%	0%	0%
20	0%	0%	0%	0%	0%	0%	0%	0%	0%
25	0%	0%	0%	0%	0%	0%	0%	0%	0%
30	0%	0%	0%	0%	0%	0%	0%	0%	0%
40	0%	0%	1%	0%	0%	1%	0%	0%	0%
50	0%	0%	0%	0%	0%	0%	0%	0%	0%
60	59%	62%	59%	58%	52%	43%	45%	0%	58%
70	4%	2%	2%	1%	8%	4%	8%	0%	3%
75	0%	7%	0%	0%	0%	0%	0%	0%	2%
80	6%	2%	8%	7%	5%	4%	5%	0%	5%
90	1%	1%	0%	0%	4%	2%	0%	0%	1%
100	23%	24%	30%	15%	0%	45%	5%	0%	21%
110	3%	1%	0%	18%	21%	0%	0%	0%	5%
Unrestricted	0%	0%	0%	0%	0%	0%	36%	0%	1%
Not collected	0%	0%	0%	0%	0%	0%	0%	100%	1%
Unknown	2%	1%	0%	0%	10%	1%	0%	0%	2%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Table 1.1.7 Fatal and serious injury crashes in 1993 in each State by horizontal road alignment

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
Fatal crashes									
<i>Horizontal alignment</i>									
Straight	316	289	242	117	132	22	29	8	1155
Curved	202	92	115	17	58	23	12	3	522
Unknown	0	0	0	57	0	2	0	0	59
Total	518	381	357	191	190	47	41	11	1736
Straight	61%	76%	68%	61%	69%	47%	71%	73%	67%
Curved	39%	24%	32%	9%	31%	49%	29%	27%	30%
Unknown	0%	0%	0%	30%	0%	4%	0%	0%	3%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Serious injury crashes									
<i>Horizontal alignment</i>									
Straight	3710	4183	2336	874	1543	167	250	102	13165
Curved	1460	627	850	104	425	139	61	37	3703
Unknown	3	1	0	211	16	79	4	4	318
Total	5173	4811	3186	1189	1984	385	315	143	17186
Straight	72%	87%	73%	74%	78%	43%	79%	71%	77%
Curved	28%	13%	27%	9%	21%	36%	19%	26%	22%
Unknown	0%	0%	0%	18%	1%	21%	1%	3%	2%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Table 1.1.8 Fatal and serious injury crashes in 1993 in each State by weather conditions

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
Fatal crashes									
<i>Weather conditions</i>									
Fine	458	324	0	174	160	42	39	11	1208
Rain	52	34	0	17	16	5	2	0	126
Fog/mist/smoke	8	7	0	0	0	0	0	0	15
Snow	0	1	0	0	0	0	0	0	1
Other	0	2	0	0	0	0	0	0	2
Not collected	0	0	357	0	0	0	0	0	357
Unknown	0	13	0	0	14	0	0	0	27
Total	518	381	357	191	190	47	41	11	1736
Fine	88%	85%	0%	91%	84%	89%	95%	100%	70%
Rain	10%	9%	0%	9%	8%	11%	5%	0%	7%
Fog/mist/smoke	2%	2%	0%	0%	0%	0%	0%	0%	1%
Snow	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	1%	0%	0%	0%	0%	0%	0%	0%
Not collected	0%	0%	100%	0%	0%	0%	0%	0%	21%
Unknown	0%	3%	0%	0%	7%	0%	0%	0%	2%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Serious injury crashes									
<i>Weather conditions</i>									
Fine	4527	3989	0	1086	1687	315	293	116	12013
Rain	581	714	0	103	170	66	18	24	1676
Fog/mist/smoke	46	32	0	0	19	2	1	0	100
Snow	6	3	0	0	0	0	0	0	9
Other	1	13	0	0	0	0	1	0	15
Not collected	0	0	3186	0	0	0	0	0	3186
Unknown	12	60	0	0	108	2	2	3	187
Total	5173	4811	3186	1189	1984	385	315	143	17186
Fine	88%	83%	0%	91%	85%	82%	93%	81%	70%
Rain	11%	15%	0%	9%	9%	17%	6%	17%	10%
Fog/mist/smoke	1%	1%	0%	0%	1%	1%	0%	0%	1%
Snow	0%	0%	0%	0%	0%	0%	0%	0%	0%
Other	0%	0%	0%	0%	0%	0%	0%	0%	0%
Not collected	0%	0%	100%	0%	0%	0%	0%	0%	19%
Unknown	0%	1%	0%	0%	5%	1%	1%	2%	1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Table 1.1.9 Fatal and serious injury crashes in 1993 in each State by road surface

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
Fatal crashes									
<i>Road surface</i>									
Sealed	496	356	0	176	162	43	33	11	1277
Unsealed	22	23	0	14	27	4	8	0	98
Not collected	0	0	357	0	0	0	0	0	357
Unknown	0	2	0	1	1	0	0	0	4
Total	518	381	357	191	190	47	41	11	1736
Sealed	96%	93%	0%	92%	85%	91%	80%	100%	74%
Unsealed	4%	6%	0%	7%	14%	9%	20%	0%	6%
Not collected	0%	0%	100%	0%	0%	0%	0%	0%	21%
Unknown	0%	1%	0%	1%	1%	0%	0%	0%	0%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Serious injury crashes									
<i>Road surface</i>									
Sealed	4854	4530	0	1060	1803	357	267	139	13010
Unsealed	317	243	0	117	168	28	45	1	919
Not collected	0	0	3186	0	0	0	0	0	3186
Unknown	2	38	0	12	13	0	3	3	71
Total	5173	4811	3186	1189	1984	385	315	143	17186
Sealed	94%	94%	0%	89%	91%	93%	85%	97%	76%
Unsealed	6%	5%	0%	10%	8%	7%	14%	1%	5%
Not collected	0%	0%	100%	0%	0%	0%	0%	0%	19%
Unknown	0%	1%	0%	1%	1%	0%	1%	2%	0%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Table 1.1.10 Fatal and serious injury crashes in 1993 in each State by surface conditions

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
Fatal crashes									
<i>Road surface condition</i>									
Wet	85	66	0	21	29	8	3	1	213
Dry	433	310	0	170	159	39	38	10	1159
Not collected	0	0	357	0	0	0	0	0	357
Unknown	0	5	0	0	2	0	0	0	7
Total	518	381	357	191	190	47	41	11	1736
Wet	16%	17%	0%	11%	15%	17%	7%	9%	12%
Dry	84%	81%	0%	89%	84%	83%	93%	91%	67%
Not collected	0%	0%	100%	0%	0%	0%	0%	0%	21%
Unknown	0%	1%	0%	0%	1%	0%	0%	0%	0%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Serious injury crashes									
<i>Road surface condition</i>									
Wet	865	1057	0	157	294	97	23	31	2524
Dry	4275	3702	0	1032	1679	287	289	108	11372
Snow/ice	9	5	0	0	0	0	0	0	14
Not collected	0	0	3186	0	0	0	0	0	3186
Unknown	24	47	0	0	11	1	3	4	90
Total	5173	4811	3186	1189	1984	385	315	143	17186
Wet	17%	22%	0%	13%	15%	25%	7%	22%	15%
Dry	83%	77%	0%	87%	85%	75%	92%	76%	66%
Snow/ice	0%	0%	0%	0%	0%	0%	0%	0%	0%
Not collected	0%	0%	100%	0%	0%	0%	0%	0%	19%
Unknown	0%	1%	0%	0%	1%	0%	1%	3%	1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Table 1.1.11 Fatal and serious injury crashes in 1993 in each State by *natural lighting*

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
Fatal crashes									
<i>Natural light</i>									
Day	276	198	0	94	88	23	19	3	701
Night	209	162	0	96	86	20	22	8	603
Dawn/dusk	33	21	0	1	7	4	0	0	66
Not collected	0	0	357	0	0	0	0	0	357
Unknown	0	0	0	0	9	0	0	0	9
Total	518	381	357	191	190	47	41	11	1736
Day	53%	52%	0%	49%	46%	49%	46%	27%	40%
Night	40%	43%	0%	50%	45%	43%	54%	73%	35%
Dawn/dusk	6%	6%	0%	1%	4%	9%	0%	0%	4%
Not collected	0%	0%	100%	0%	0%	0%	0%	0%	21%
Unknown	0%	0%	0%	0%	5%	0%	0%	0%	1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Serious injury crashes									
<i>Natural light</i>									
Day	3175	3144	0	743	1206	252	188	78	8786
Night	1666	1462	0	412	629	118	105	61	4453
Dawn/dusk	330	200	0	34	98	15	21	4	702
Not collected	0	0	3186	0	0	0	0	0	3186
Unknown	2	5	0	0	51	0	1	0	59
Total	5173	4811	3186	1189	1984	385	315	143	17186
Day	61%	65%	0%	62%	61%	65%	60%	55%	51%
Night	32%	30%	0%	35%	32%	31%	33%	43%	26%
Dawn/dusk	6%	4%	0%	3%	5%	4%	7%	3%	4%
Not collected	0%	0%	100%	0%	0%	0%	0%	0%	19%
Unknown	0%	0%	0%	0%	3%	0%	0%	0%	0%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Table 1.1.12 Fatal and serious injury crashes in 1993 in each State by street lighting

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
Fatal crashes									
<i>Street lighting</i>									
Not applicable	276	219	0	0	101	23	19	3	641
On	101	80	0	0	35	10	5	4	235
None	141	80	0	0	53	10	16	3	303
Not collected	0	0	357	191	0	0	0	0	548
Unknown	0	2	0	0	1	4	1	1	9
Total	518	381	357	191	190	47	41	11	1736
Not applicable	53%	57%	0%	0%	53%	49%	46%	27%	37%
On	19%	21%	0%	0%	18%	21%	12%	36%	14%
None	27%	21%	0%	0%	28%	21%	39%	27%	17%
Not collected	0%	0%	100%	100%	0%	0%	0%	0%	32%
Unknown	0%	1%	0%	0%	1%	9%	2%	9%	1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Serious injury crashes									
<i>Street lighting</i>									
Not applicable	3175	3344	0	0	1327	252	188	82	8368
On	1184	980	0	0	380	51	60	52	2707
None	810	440	0	0	260	67	45	6	1628
Not collected	0	0	3186	1189	0	0	0	0	4375
Unknown	4	47	0	0	17	15	22	3	108
Total	5173	4811	3186	1189	1984	385	315	143	17186
Not applicable	61%	70%	0%	0%	67%	65%	60%	57%	49%
On	23%	20%	0%	0%	19%	13%	19%	36%	16%
None	16%	9%	0%	0%	13%	17%	14%	4%	9%
Not collected	0%	0%	100%	100%	0%	0%	0%	0%	25%
Unknown	0%	1%	0%	0%	1%	4%	7%	2%	1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

1.2 Vehicle variables by State/Territory

Table 1.2.1 Vehicles in fatal and serious injury crashes in 1993 in each State by vehicle type

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
Fatal crashes									
<i>Type of vehicle</i>									
Car	527	431	385	197	215	50	43	15	1863
Motorbike	48	43	47	29	28	7	1	2	205
Bicycle	8	15	10	6	8	2	2	0	51
Bus	14	5	7	3	5	1	1	1	37
Rigid truck	121	35	34	13	11	4	2	0	220
Artic. truck	71	37	41	19	0	3	1	0	172
Other	17	15	20	4	2	0	0	0	58
Unknown	0	3	0	0	29	0	1	0	33
Total	806	584	544	271	298	67	51	18	2639
Car	65%	74%	71%	73%	72%	75%	84%	83%	71%
Motorbike	6%	7%	9%	11%	9%	10%	2%	11%	8%
Bicycle	1%	3%	2%	2%	3%	3%	4%	0%	2%
Bus	2%	1%	1%	1%	2%	1%	2%	6%	1%
Rigid truck	15%	6%	6%	5%	4%	6%	4%	0%	8%
Artic. truck	9%	6%	8%	7%	0%	4%	2%	0%	7%
Other	2%	3%	4%	1%	1%	0%	0%	0%	2%
Unknown	0%	1%	0%	0%	10%	0%	2%	0%	1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Serious injury crashes									
<i>Type of vehicle</i>									
Car	5812	6119	3912	1394	2420	461	328	174	20620
Motorbike	697	752	567	179	323	51	72	30	2671
Bicycle	282	414	230	77	112	15	19	18	1167
Bus	63	39	36	12	22	5	2	2	181
Rigid truck	782	220	122	72	70	19	5	11	1301
Artic. truck	166	138	106	31	2	12	6	1	462
Other	213	126	68	6	5	2	0	2	422
Unknown	0	48	6	17	145	0	1	0	217
Total	8015	7856	5047	1788	3099	565	433	238	27041
Car	73%	78%	78%	78%	78%	82%	76%	73%	76%
Motorbike	9%	10%	11%	10%	10%	9%	17%	13%	10%
Bicycle	4%	5%	5%	4%	4%	3%	4%	8%	4%
Bus	1%	0%	1%	1%	1%	1%	0%	1%	1%
Rigid truck	10%	3%	2%	4%	2%	3%	1%	5%	5%
Artic. truck	2%	2%	2%	2%	0%	2%	1%	0%	2%
Other	3%	2%	1%	0%	0%	0%	0%	1%	2%
Unknown	0%	1%	0%	1%	5%	0%	0%	0%	1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Table 1.2.2 Vehicles in fatal and serious injury crashes in 1993 in each State by State of registration

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
Fatal crashes									
<i>State of registration</i>									
N/A	12	25	26	6	8	2	2	0	81
NSW	673	8	20	0	0	0	0	6	707
Vic	49	521	19	0	0	0	2	1	592
Qld	33	4	453	0	0	0	3	0	493
SA	6	8	2	263	0	0	3	1	283
WA	3	4	1	0	0	0	1	0	9
Tas	0	0	0	0	0	63	0	0	63
NT	0	1	2	0	0	0	37	0	40
ACT	11	1	1	0	0	0	0	10	23
Other	14	3	6	0	0	0	2	0	25
Interstate	0	0	0	2	0	1	0	0	3
Not collected	0	0	0	0	290	0	0	0	290
Unknown	5	9	14	0	0	1	1	0	30
Total	806	584	544	271	298	67	51	18	2639
NSW	85%	1%	4%	0%	0%	0%	0%	33%	28%
Vic	6%	93%	4%	0%	0%	0%	4%	6%	23%
Qld	4%	1%	87%	0%	0%	0%	6%	0%	19%
SA	1%	1%	0%	99%	0%	0%	6%	6%	11%
WA	0%	1%	0%	0%	0%	0%	2%	0%	0%
Tas	0%	0%	0%	0%	0%	97%	0%	0%	2%
NT	0%	0%	0%	0%	0%	0%	76%	0%	2%
ACT	1%	0%	0%	0%	0%	0%	0%	56%	1%
Other	2%	1%	1%	0%	0%	0%	4%	0%	1%
Interstate	0%	0%	0%	1%	0%	2%	0%	0%	0%
Not collected	0%	0%	0%	0%	100%	0%	0%	0%	11%
Unknown	1%	2%	3%	0%	0%	2%	2%	0%	1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Serious injury crashes									
<i>State of registration</i>									
N/A	293	453	289	77	112	15	19	18	1276
NSW	6938	69	141	0	0	0	7	28	7183
Vic	193	7003	70	0	0	0	12	4	7282
Qld	206	43	4379	0	0	0	18	0	4646
SA	47	59	27	1702	0	0	12	1	1848
WA	19	9	12	0	0	0	12	1	53
Tas	2	8	11	0	0	511	2	1	535
NT	3	2	6	0	0	0	344	0	355
ACT	71	4	11	0	0	0	1	185	272
Other	90	16	20	0	0	0	3	0	129
Interstate	0	0	0	9	0	10	0	0	19
Not collected	0	0	0	0	2987	0	0	0	2987
Unknown	153	190	81	0	0	29	3	0	456
Total	8015	7856	5047	1788	3099	565	433	238	27041
NSW	90%	1%	3%	0%	0%	0%	2%	13%	28%
Vic	2%	95%	1%	0%	0%	0%	3%	2%	28%
Qld	3%	1%	92%	0%	0%	0%	4%	0%	18%
SA	1%	1%	1%	99%	0%	0%	3%	0%	7%
WA	0%	0%	0%	0%	0%	0%	3%	0%	0%
Tas	0%	0%	0%	0%	0%	93%	0%	0%	2%
NT	0%	0%	0%	0%	0%	0%	83%	0%	1%
ACT	1%	0%	0%	0%	0%	0%	0%	84%	1%
Other	1%	0%	0%	0%	0%	0%	1%	0%	1%
Interstate	0%	0%	0%	1%	0%	2%	0%	0%	0%
Not collected	0%	0%	0%	0%	100%	0%	0%	0%	12%
Unknown	2%	3%	2%	0%	0%	5%	1%	0%	2%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Table 1.2.3 Vehicles in fatal and serious injury crashes in 1993 in each State by licence type of driver

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
Fatal crashes									
<i>Licence type of driver</i>									
N/A	34	36	31	6	9	3	2	0	121
Learner	9	17	7	5	0	2	2	0	42
Provisional	40	92	59	22	16	4	2	0	235
Full licence	638	400	377	182	239	47	33	0	1916
No licence	53	23	30	13	1	6	11	0	137
Other	8	0	40	0	0	0	0	0	48
Not collected	0	0	0	0	0	0	0	18	18
Unknown	24	16	0	43	33	5	1	0	122
Total	806	584	544	271	298	67	51	18	2639
Learner	1%	3%	1%	2%	0%	3%	4%	0%	2%
Provisional	5%	17%	12%	8%	6%	6%	4%	0%	9%
Full licence	83%	73%	73%	69%	83%	73%	67%	0%	76%
No licence	7%	4%	6%	5%	0%	9%	22%	0%	5%
Other	1%	0%	8%	0%	0%	0%	0%	0%	2%
Not collected	0%	0%	0%	0%	0%	0%	0%	100%	1%
Unknown	3%	3%	0%	16%	11%	8%	2%	0%	5%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Serious injury crashes									
<i>Licence type of driver</i>									
N/A	506	716	359	77	143	35	29	18	1883
Learner	112	254	121	28	0	9	2	0	526
Provisional	544	1138	702	158	216	63	28	0	2849
Full licence	6138	5339	3451	1239	2246	374	315	0	19102
No licence	339	176	192	60	0	16	52	0	835
Other	58	0	219	0	0	1	0	0	278
Not collected	0	0	0	0	0	0	0	220	220
Unknown	318	233	3	226	494	67	7	0	1348
Total	8015	7856	5047	1788	3099	565	433	238	27041
Learner	1%	4%	3%	2%	0%	2%	0%	0%	2%
Provisional	7%	16%	15%	9%	7%	12%	7%	0%	11%
Full licence	82%	75%	74%	72%	76%	71%	78%	0%	76%
No licence	5%	2%	4%	4%	0%	3%	13%	0%	3%
Other	1%	0%	5%	0%	0%	0%	0%	0%	1%
Not collected	0%	0%	0%	0%	0%	0%	0%	100%	1%
Unknown	4%	3%	0%	13%	17%	13%	2%	0%	5%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Table 1.2.4 Vehicles in fatal and serious injury crashes in 1993 in each State by extent of damage

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
Fatal crashes									
<i>Extent of damage</i>									
N/A	13	15	34	6	8	0	2	0	78
Towed away	641	430	418	0	228	0	36	17	1770
Not towed away	144	137	87	0	40	0	13	1	422
Not collected	0	0	0	265	0	67	0	0	332
Unknown	8	2	5	0	22	0	0	0	37
Total	806	584	544	271	298	67	51	18	2639
Towed away	81%	76%	82%	0%	79%	0%	73%	94%	69%
Not towed away	18%	24%	17%	0%	14%	0%	27%	6%	16%
Not collected	0%	0%	0%	100%	0%	100%	0%	0%	13%
Unknown	1%	0%	1%	0%	8%	0%	0%	0%	1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Serious injury crashes									
<i>Extent of damage</i>									
N/A	303	414	317	77	112	0	19	20	1262
Towed away	5159	4277	3219	0	1959	0	234	158	15006
Not towed away	2494	3165	1402	0	805	0	180	60	8106
Not collected	0	0	0	1711	0	565	0	0	2276
Unknown	59	0	109	0	223	0	0	0	391
Total	8015	7856	5047	1788	3099	565	433	238	27041
Towed away	67%	57%	68%	0%	66%	0%	57%	72%	58%
Not towed away	32%	43%	30%	0%	27%	0%	43%	28%	31%
Not collected	0%	0%	0%	100%	0%	100%	0%	0%	9%
Unknown	1%	0%	2%	0%	7%	0%	0%	0%	2%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Table 1.2.5 Vehicles in fatal and serious injury crashes in 1993 in each State by BAC of operator

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
Fatal crashes									
<i>BAC of operator</i>									
0	566	145	154	45	186	34	23	16	1169
.001-.049	13	93	3	3	8	1	5	0	126
.050-.080	14	18	8	1	2	1	0	0	44
.081-.150	32	28	22	5	13	0	7	2	109
.151-.200	35	14	24	5	7	4	3	0	92
.201-.250	25	20	16	2	5	7	3	0	78
>.25	12	12	10	0	5	4	2	0	45
Positive	1	0	0	0	0	0	0	0	1
Negative	8	0	100	0	0	0	0	0	108
Refused test	0	0	2	0	0	0	0	0	2
Not tested	73	0	190	6	71	14	7	0	361
N/A (no driver)	22	19	15	0	1	1	0	0	58
Unknown	5	235	0	204	0	1	1	0	446
Total	806	584	544	271	298	67	51	18	2639
0	72%	26%	29%	17%	63%	52%	45%	89%	45%
.001-.049	2%	16%	1%	1%	3%	2%	10%	0%	5%
.050-.080	2%	3%	2%	0%	1%	2%	0%	0%	2%
.081-.150	4%	5%	4%	2%	4%	0%	14%	11%	4%
.151-.200	4%	2%	5%	2%	2%	6%	6%	0%	4%
.201-.250	3%	4%	3%	1%	2%	11%	6%	0%	3%
>.25	2%	2%	2%	0%	2%	6%	4%	0%	2%
Positive	0%	0%	0%	0%	0%	0%	0%	0%	0%
Negative	1%	0%	19%	0%	0%	0%	0%	0%	4%
Refused test	0%	0%	0%	0%	0%	0%	0%	0%	0%
Not tested	9%	0%	36%	2%	24%	21%	14%	0%	14%
Unknown	1%	42%	0%	75%	0%	2%	2%	0%	17%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Serious injury crashes									
<i>BAC of operator</i>									
0	6153	1217	99	573	1571	126	184	218	10141
.001-.049	134	78	3	30	28	7	15	1	296
.050-.080	65	52	43	22	21	5	8	2	218
.081-.150	243	224	113	65	70	15	19	11	760
.151-.200	182	147	81	50	20	10	16	3	509
.201-.250	125	58	45	25	9	2	10	3	277
>.25	60	34	19	14	3	2	6	0	138
Positive	1	0	4	0	0	0	0	0	5
Negative	22	0	985	0	0	0	0	0	1007
Refused test	2	0	14	0	0	0	0	0	16
Not tested	685	0	3525	17	1346	356	146	0	6075
N/A (no driver)	213	280	116	0	31	20	10	0	670
Unknown	130	5766	0	992	0	22	19	0	6929
Total	8015	7856	5047	1788	3099	565	433	238	27041
0	79%	16%	2%	32%	51%	23%	43%	92%	38%
.001-.049	2%	1%	0%	2%	1%	1%	4%	0%	1%
.050-.080	1%	1%	1%	1%	1%	1%	2%	1%	1%
.081-.150	3%	3%	2%	4%	2%	3%	4%	5%	3%
.151-.200	2%	2%	2%	3%	1%	2%	4%	1%	2%
.201-.250	2%	1%	1%	1%	0%	0%	2%	1%	1%
>.25	1%	0%	0%	1%	0%	0%	1%	0%	1%
Positive	0%	0%	0%	0%	0%	0%	0%	0%	0%
Negative	0%	0%	20%	0%	0%	0%	0%	0%	4%
Refused test	0%	0%	0%	0%	0%	0%	0%	0%	0%
Not tested	9%	0%	71%	1%	44%	65%	35%	0%	23%
Unknown	2%	76%	0%	55%	0%	4%	4%	0%	26%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Table 1.2.6 Vehicles in fatal and serious injury crashes in 1993 in each State by sex of operator

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
Fatal crashes									
<i>Sex (controller)</i>									
No controller	22	19	15	0	1	1	0	0	58
Male	629	443	411	220	217	55	42	13	2030
Female	150	120	113	44	64	11	8	5	515
Unknown	5	2	5	7	16	0	1	0	36
Total	806	584	544	271	298	67	51	18	2639
Male	80%	78%	78%	81%	73%	83%	82%	72%	79%
Female	19%	21%	21%	16%	22%	17%	16%	28%	20%
Unknown	1%	0%	1%	3%	5%	0%	2%	0%	1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Serious injury crashes									
<i>Sex (controller)</i>									
No controller	213	280	116	0	31	20	10	0	670
Male	5531	5179	3441	1261	1995	399	298	166	18270
Female	2131	2304	1442	477	914	146	121	68	7603
Unknown	140	93	48	50	159	0	4	4	498
Total	8015	7856	5047	1788	3099	565	433	238	27041
Male	71%	68%	70%	71%	65%	73%	70%	70%	69%
Female	27%	30%	29%	27%	30%	27%	29%	29%	29%
Unknown	2%	1%	1%	3%	5%	0%	1%	2%	2%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Table 1.2.7 Vehicles in fatal and serious injury crashes in 1993 in each State by age of operator

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
Fatal crashes									
<i>Age of driver/rider</i>									
N/A (no driver)	22	19	15	0	1	1	0	0	58
5-14	5	3	3	1	1	2	1	0	16
15-19	79	64	67	25	42	5	8	0	290
20-24	131	123	98	65	57	14	9	6	503
25-29	111	73	69	32	39	9	8	3	344
30-39	173	117	101	70	63	14	9	3	550
40-49	136	87	79	29	41	12	9	6	399
50-59	66	35	46	15	20	4	4	0	190
60+	76	59	60	24	25	6	2	0	252
Unknown	7	4	6	10	9	0	1	0	37
Total	806	584	544	271	298	67	51	18	2639
5-14	1%	1%	1%	0%	0%	3%	2%	0%	1%
15-19	10%	11%	13%	9%	14%	8%	16%	0%	11%
20-24	17%	22%	19%	24%	19%	21%	18%	33%	19%
25-29	14%	13%	13%	12%	13%	14%	16%	17%	13%
30-39	22%	21%	19%	26%	21%	21%	18%	17%	21%
40-49	17%	15%	15%	11%	14%	18%	18%	33%	15%
50-59	8%	6%	9%	6%	7%	6%	8%	0%	7%
60+	10%	10%	11%	9%	8%	9%	4%	0%	10%
Unknown	1%	1%	1%	4%	3%	0%	2%	0%	1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Serious injury crashes									
<i>Age of driver/rider</i>									
N/A (no driver)	213	280	116	0	31	20	10	0	670
0- 4	1	2	1	0	1	3	0	1	9
5-14	94	106	87	17	37	10	7	5	363
15-19	940	828	705	227	456	69	45	31	3301
20-24	1402	1602	914	317	584	92	91	49	5051
25-29	976	1041	653	245	386	58	59	32	3450
30-39	1604	1555	955	358	587	124	112	43	5338
40-49	1192	1009	653	213	364	76	62	34	3603
50-59	632	572	380	141	212	43	27	20	2027
60+	769	708	527	166	220	61	15	19	2485
Unknown	192	153	56	104	221	9	5	4	744
Total	8015	7856	5047	1788	3099	565	433	238	27041
0- 4	0%	0%	0%	0%	0%	1%	0%	0%	0%
5-14	1%	1%	2%	1%	1%	2%	2%	2%	1%
15-19	12%	11%	14%	13%	15%	13%	11%	13%	13%
20-24	18%	21%	19%	18%	19%	17%	22%	21%	19%
25-29	13%	14%	13%	14%	13%	11%	14%	13%	13%
30-39	21%	21%	19%	20%	19%	23%	26%	18%	20%
40-49	15%	13%	13%	12%	12%	14%	15%	14%	14%
50-59	8%	8%	8%	8%	7%	8%	6%	8%	8%
60+	10%	9%	11%	9%	7%	11%	4%	8%	9%
Unknown	2%	2%	1%	6%	7%	2%	1%	2%	3%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Table 1.2.8a Vehicles in fatal crashes in 1993 in each State by number of occupants

Fatal crashes	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
<i>No. occupants</i>									
Unoccupied	22	13	15	0	0	1	0	0	51
1	438	354	321	0	0	41	22	10	1186
2	198	147	104	0	0	15	9	5	478
3	66	37	55	0	0	6	8	0	172
4	44	16	28	0	0	2	4	2	96
5	13	9	11	0	0	1	5	0	39
6	8	3	4	0	0	1	0	1	17
7	3	1	2	0	0	0	1	0	7
8	0	0	0	0	0	0	2	0	2
9	0	1	1	0	0	0	0	0	2
10	1	1	0	0	0	0	0	0	2
11	1	0	0	0	0	0	0	0	1
16	0	0	1	0	0	0	0	0	1
21	0	1	0	0	0	0	0	0	1
25	0	0	1	0	0	0	0	0	1
28	1	0	0	0	0	0	0	0	1
35	1	0	1	0	0	0	0	0	2
40	1	0	0	0	0	0	0	0	1
45	0	1	0	0	0	0	0	0	1
47	1	0	0	0	0	0	0	0	1
51	1	0	0	0	0	0	0	0	1
60	1	0	0	0	0	0	0	0	1
Not collected	0	0	0	271	0	0	0	0	271
Unknown	6	0	0	0	298	0	0	0	304
Total	806	584	544	271	298	67	51	18	2639
Unoccupied	3%	2%	3%	0%	0%	1%	0%	0%	2%
1	54%	61%	59%	0%	0%	61%	43%	56%	45%
2	25%	25%	19%	0%	0%	22%	18%	28%	18%
3	8%	6%	10%	0%	0%	9%	16%	0%	7%
4	5%	3%	5%	0%	0%	3%	8%	11%	4%
5	2%	2%	2%	0%	0%	1%	10%	0%	1%
6	1%	1%	1%	0%	0%	1%	0%	6%	1%
>6	1%	1%	1%	0%	0%	0%	6%	0%	1%
Not collected	0%	0%	0%	100%	0%	0%	0%	0%	10%
Unknown	1%	0%	0%	0%	100%	0%	0%	0%	12%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Table 1.2.8b Vehicles in serious injury crashes in 1993 in each State by number of occupants

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
Serious injury crashes									
<i>No. occupants</i>									
Unoccupied	211	232	115	0	0	20	10	5	593
1	4571	5270	3019	0	173	301	248	164	13746
2	1854	1533	1161	0	70	153	92	53	4916
3	641	514	408	0	17	41	27	10	1658
4	323	187	213	0	7	30	23	3	786
5	133	86	85	0	2	16	19	2	343
6	37	18	31	0	2	3	6	0	97
7	16	9	4	0	0	1	1	0	31
8	5	1	3	0	0	0	1	0	10
9	3	1	2	0	0	0	1	0	7
10	5	0	1	0	0	0	1	0	7
11	1	0	0	0	0	0	1	0	2
12	3	0	0	0	1	0	1	0	5
13	0	0	0	0	0	0	2	0	2
15	3	0	2	0	0	0	0	0	5
17	0	1	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	1	1
20	2	1	0	0	0	0	0	0	3
21	2	0	0	0	0	0	0	0	2
25	3	0	1	0	0	0	0	0	4
30	1	0	0	0	0	0	0	0	1
34	0	1	0	0	0	0	0	0	1
35	1	0	0	0	0	0	0	0	1
40	1	1	0	0	0	0	0	0	2
42	0	0	1	0	0	0	0	0	1
43	2	0	0	0	0	0	0	0	2
45	0	1	0	0	0	0	0	0	1
51	1	0	1	0	0	0	0	0	2
60	1	0	0	0	0	0	0	0	1
Not collected	0	0	0	1788	0	0	0	0	1788
Unknown	195	0	0	0	2827	0	0	0	3022
Total	8015	7856	5047	1788	3099	565	433	238	27041
<i>Unoccupied</i>	3%	3%	2%	0%	0%	4%	2%	2%	2%
1	57%	67%	60%	0%	6%	53%	57%	69%	51%
2	23%	20%	23%	0%	2%	27%	21%	22%	18%
3	8%	7%	8%	0%	1%	7%	6%	4%	6%
4	4%	2%	4%	0%	0%	5%	5%	1%	3%
5	2%	1%	2%	0%	0%	3%	4%	1%	1%
6	0%	0%	1%	0%	0%	1%	1%	0%	0%
>6	1%	0%	0%	0%	0%	0%	2%	0%	0%
Not collected	0%	0%	0%	100%	0%	0%	0%	0%	7%
Unknown	2%	0%	0%	0%	91%	0%	0%	0%	11%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

1.3 Person variables by State/Territory

Table 1.3.1 Fatalities and hospitalisations in 1993 in each State by roaduser category

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
Fatalities									
<i>Type of roaduser</i>									
Driver	274	193	188	85	70	24	12	5	851
Pedestrian	117	73	49	33	37	7	10	4	330
Bicycle rider	8	14	10	6	5	1	2	0	46
Rider animal	1	0	1	0	0	0	0	0	2
MC rider	41	39	45	27	26	7	1	1	187
MC pillion	5	4	2	3	1	0	0	1	16
Passenger	135	111	101	64	62	19	19	1	512
Other	0	1	0	0	5	0	0	0	6
Unknown	0	0	0	0	3	0	0	0	3
Total	581	435	396	218	209	58	44	12	1953
Driver	47%	44%	47%	39%	33%	41%	27%	42%	44%
Pedestrian	20%	17%	12%	15%	18%	12%	23%	33%	17%
Bicycle rider	1%	3%	3%	3%	2%	2%	5%	0%	2%
Rider animal	0%	0%	0%	0%	0%	0%	0%	0%	0%
MC rider	7%	9%	11%	12%	12%	12%	2%	8%	10%
MC pillion	1%	1%	1%	1%	0%	0%	0%	8%	1%
Passenger	23%	26%	26%	29%	30%	33%	43%	8%	26%
Other	0%	0%	0%	0%	2%	0%	0%	0%	0%
Unknown	0%	0%	0%	0%	1%	0%	0%	0%	0%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Hospitalisations									
<i>Type of roaduser</i>									
Driver	2725	2661	1705	658	1015	230	150	66	9210
Pedestrian	982	774	386	174	253	56	44	12	2681
Bicycle rider	272	388	221	73	93	16	18	16	1097
Bicycle pillion	3	2	1	0	2	0	0	1	9
Rider animal	1	0	0	0	0	0	0	0	1
MC rider	633	714	519	164	280	48	67	28	2453
MC pillion	63	44	63	18	36	9	5	3	241
Passenger	1725	1335	1131	462	773	163	146	27	5762
Other	3	6	0	0	44	0	0	3	56
Unknown	0	4	1	0	87	0	0	0	92
Total	6407	5928	4027	1549	2583	522	430	156	21602
Driver	43%	45%	42%	42%	39%	44%	35%	42%	43%
Pedestrian	15%	13%	10%	11%	10%	11%	10%	8%	12%
Bicycle rider	4%	7%	5%	5%	4%	3%	4%	10%	5%
Bicycle pillion	0%	0%	0%	0%	0%	0%	0%	1%	0%
Rider animal	0%	0%	0%	0%	0%	0%	0%	0%	0%
MC rider	10%	12%	13%	11%	11%	9%	16%	18%	11%
MC pillion	1%	1%	2%	1%	1%	2%	1%	2%	1%
Passenger	27%	23%	28%	30%	30%	31%	34%	17%	27%
Other	0%	0%	0%	0%	2%	0%	0%	2%	0%
Unknown	0%	0%	0%	0%	3%	0%	0%	0%	0%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Table 1.3.2 Fatalities and hospitalisations in 1993 in each State by sex

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
Fatalities									
Sex									
Male	409	305	290	148	151	40	36	10	1389
Female	172	130	106	70	55	18	8	2	561
Unknown	0	0	0	0	3	0	0	0	3
Total	581	435	396	218	209	58	44	12	1953
Male	70%	70%	73%	68%	72%	69%	82%	83%	71%
Female	30%	30%	27%	32%	26%	31%	18%	17%	29%
Unknown	0%	0%	0%	0%	1%	0%	0%	0%	0%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Hospitalisations									
Sex									
Male	3960	3569	2436	948	1507	329	273	99	13121
Female	2447	2356	1590	597	995	193	157	57	8392
Unknown	0	3	1	4	81	0	0	0	89
Total	6407	5928	4027	1549	2583	522	430	156	21602
Male	62%	60%	60%	61%	58%	63%	63%	63%	61%
Female	38%	40%	39%	39%	39%	37%	37%	37%	39%
Unknown	0%	0%	0%	0%	3%	0%	0%	0%	0%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Table 1.3.3 Fatalities and hospitalisations in 1993 in each State by age

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
Fatalities									
Age									
0- 4	17	9	7	2	7	0	1	0	43
5-14	23	21	18	6	7	8	3	0	86
15-19	67	63	67	33	29	2	8	1	270
20-24	78	75	67	42	42	13	5	5	327
25-29	71	40	41	23	20	5	6	1	207
30-39	105	66	56	38	31	11	8	1	316
40-49	57	43	52	24	25	7	5	2	215
50-59	37	24	25	10	16	3	5	1	121
60+	124	94	63	36	27	9	3	1	357
Unknown	2	0	0	4	5	0	0	0	11
Total	581	435	396	218	209	58	44	12	1953
0- 4	3%	2%	2%	1%	3%	0%	2%	0%	2%
5-14	4%	5%	5%	3%	3%	14%	7%	0%	4%
15-19	12%	14%	17%	15%	14%	3%	18%	8%	14%
20-24	13%	17%	17%	19%	20%	22%	11%	42%	17%
25-29	12%	9%	10%	11%	10%	9%	14%	8%	11%
30-39	18%	15%	14%	17%	15%	19%	18%	8%	16%
40-49	10%	10%	13%	11%	12%	12%	11%	17%	11%
50-59	6%	6%	6%	5%	8%	5%	11%	8%	6%
60+	21%	22%	16%	17%	13%	16%	7%	8%	18%
Unknown	0%	0%	0%	2%	2%	0%	0%	0%	1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Hospitalisations									
Age									
0- 4	110	70	77	23	51	10	8	1	350
5-14	501	375	282	96	164	44	30	6	1498
15-19	884	825	680	246	441	78	49	23	3226
20-24	1043	1182	757	271	482	82	80	42	3939
25-29	633	717	476	176	274	49	66	19	2410
30-39	1007	889	617	227	380	96	110	19	3345
40-49	691	617	385	142	204	50	49	20	2158
50-59	429	353	260	94	112	35	23	9	1315
60+	919	717	484	169	202	66	15	16	2588
Unknown	190	183	9	105	273	12	0	1	773
Total	6407	5928	4027	1549	2583	522	430	156	21602
0- 4	2%	1%	2%	1%	2%	2%	2%	1%	2%
5-14	8%	6%	7%	6%	6%	8%	7%	4%	7%
15-19	14%	14%	17%	16%	17%	15%	11%	15%	15%
20-24	16%	20%	19%	17%	19%	16%	19%	27%	18%
25-29	10%	12%	12%	11%	11%	9%	15%	12%	11%
30-39	16%	15%	15%	15%	15%	18%	26%	12%	15%
40-49	11%	10%	10%	9%	8%	10%	11%	13%	10%
50-59	7%	6%	6%	6%	4%	7%	5%	6%	6%
60+	14%	12%	12%	11%	8%	13%	3%	10%	12%
Unknown	3%	3%	0%	7%	11%	2%	0%	1%	4%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Table 1.3.4 Fatalities and hospitalisations in 1993 in each State by seat belt and helmet use

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
Fatalities									
<i>Seat belt/helmet</i>									
N/A	117	73	52	33	37	7	10	4	333
Seat belt worn	270	159	110	0	53	18	3	1	614
Seat belt not worn	103	52	63	0	45	13	25	2	303
Helmet worn	45	40	51	0	23	6	3	1	169
Helmet not worn	10	9	5	0	4	2	0	0	30
Not collected	0	0	0	185	0	0	0	0	185
Unknown	36	102	115	0	47	12	3	4	319
Total	581	435	396	218	209	58	44	12	1953
Seat belt worn	58%	44%	32%	0%	31%	35%	9%	13%	38%
Seat belt not worn	22%	14%	18%	0%	26%	25%	74%	25%	19%
Helmet worn	10%	11%	15%	0%	13%	12%	9%	13%	10%
Helmet not worn	2%	2%	1%	0%	2%	4%	0%	0%	2%
Not collected	0%	0%	0%	100%	0%	0%	0%	0%	11%
Unknown	8%	28%	33%	0%	27%	24%	9%	50%	20%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Hospitalisations									
<i>Seat belt/helmet</i>									
N/A	982	775	421	174	253	56	50	12	2723
Seat belt worn	3780	3154	2001	0	1041	283	164	69	10492
Seat belt not worn	365	156	175	0	157	57	79	12	1001
Helmet worn	828	823	708	0	273	62	80	41	2815
Helmet not worn	89	85	61	0	36	5	7	6	289
Not collected	0	0	0	1375	0	0	0	0	1375
Unknown	363	935	661	0	823	59	50	16	2907
Total	6407	5928	4027	1549	2583	522	430	156	21602
Seat belt worn	70%	61%	55%	0%	45%	61%	43%	48%	56%
Seat belt not worn	7%	3%	5%	0%	7%	12%	21%	8%	5%
Helmet worn	15%	16%	20%	0%	12%	13%	21%	28%	15%
Helmet not worn	2%	2%	2%	0%	2%	1%	2%	4%	2%
Not collected	0%	0%	0%	100%	0%	0%	0%	0%	7%
Unknown	7%	18%	18%	0%	35%	13%	13%	11%	15%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Table 1.3.5 Fatalities and hospitalisations in 1993 in each State by pedestrian BAC

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
Fatalities									
<i>BAC for pedestrian</i>									
0	66	34	15	0	17	3	2	0	137
.001-.049	2	4	0	0	0	0	1	0	7
.050-.080	0	1	0	0	0	0	0	0	1
.081-.150	9	2	1	0	4	1	1	0	18
.151-.200	3	3	2	0	4	0	1	0	13
.201-.250	4	4	2	0	3	0	2	0	15
>.25	10	1	3	0	3	1	1	0	19
Not tested	0	0	26	0	6	1	2	0	35
N/A (not pedestrian)	464	362	347	185	172	51	34	8	1623
Not collected	0	0	0	0	0	0	0	4	4
Unknown	23	24	0	33	0	1	0	0	81
Total	581	435	396	218	209	58	44	12	1953
0	56%	47%	31%	0%	46%	43%	20%	0%	42%
.001-.049	2%	5%	0%	0%	0%	0%	10%	0%	2%
.050-.080	0%	1%	0%	0%	0%	0%	0%	0%	0%
.081-.150	8%	3%	2%	0%	11%	14%	10%	0%	5%
.151-.200	3%	4%	4%	0%	11%	0%	10%	0%	4%
.201-.250	3%	5%	4%	0%	8%	0%	20%	0%	5%
>.25	9%	1%	6%	0%	8%	14%	10%	0%	6%
Not tested	0%	0%	53%	0%	16%	14%	20%	0%	11%
Not collected	0%	0%	0%	0%	0%	0%	0%	100%	1%
Unknown	20%	33%	0%	100%	0%	14%	0%	0%	25%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Hospitalisations									
<i>BAC for pedestrian</i>									
0	385	20	1	15	68	1	4	0	494
.001-.049	17	1	0	1	0	0	1	0	20
.050-.080	8	0	0	1	0	0	0	0	9
.081-.150	37	4	0	1	0	0	0	0	42
.151-.200	41	3	0	0	0	0	2	0	46
.201-.250	41	3	0	1	0	0	4	0	49
>.25	40	2	1	1	0	0	8	0	52
Negative	0	0	1	0	0	0	0	0	1
Refused test	0	0	1	0	0	0	0	0	1
Not tested	0	0	382	0	194	52	22	0	640
N/A (not pedestrian)	5425	5154	3641	1375	2330	466	386	144	18921
Not collected	0	0	0	0	0	0	0	12	12
Unknown	413	741	0	154	1	3	3	0	1315
Total	6407	5928	4027	1549	2583	522	430	156	21602
0	39%	3%	0%	9%	27%	2%	9%	0%	18%
.001-.049	2%	0%	0%	1%	0%	0%	2%	0%	1%
.050-.080	1%	0%	0%	1%	0%	0%	0%	0%	0%
.081-.150	4%	1%	0%	1%	0%	0%	0%	0%	2%
.151-.200	4%	0%	0%	0%	0%	0%	5%	0%	2%
.201-.250	4%	0%	0%	1%	0%	0%	9%	0%	2%
>.25	4%	0%	0%	1%	0%	0%	18%	0%	2%
Negative	0%	0%	0%	0%	0%	0%	0%	0%	0%
Refused test	0%	0%	0%	0%	0%	0%	0%	0%	0%
Not tested	0%	0%	99%	0%	73%	93%	50%	0%	24%
Not collected	0%	0%	0%	0%	0%	0%	0%	100%	0%
Unknown	42%	96%	0%	89%	0%	5%	7%	0%	49%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Table 1.3.6 Persons in the 1993 serious injury database in each State by extent of injury

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
Fatal crashes									
<i>Extent of injury</i>									
Fatal	581	435	396	218	209	58	44	12	1953
Admitted to hospital	282	215	219	106	91	30	31	3	977
Received med attn	179	115	68	86	41	12	14	1	516
Injured, no med. attn	2	0	27	0	11	0	0	0	40
Not injured	0	293	0	0	0	17	0	0	310
Unknown	0	0	0	0	1	0	6	0	7
Total	1044	1058	710	410	353	117	95	16	3803
Fatal	56%	41%	56%	53%	59%	50%	46%	75%	51%
Admitted to hospital	27%	20%	31%	26%	26%	26%	33%	19%	26%
Received med attn	17%	11%	10%	21%	12%	10%	15%	6%	14%
Injured, no med. attn	0%	0%	4%	0%	3%	0%	0%	0%	1%
Not injured	0%	28%	0%	0%	0%	15%	0%	0%	8%
Unknown	0%	0%	0%	0%	0%	0%	6%	0%	0%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Serious injury crashes									
<i>Extent of injury</i>									
Admitted to hospital	6125	5713	3808	1443	2492	492	399	153	20625
Received med attn	1771	1565	668	324	327	139	83	48	4925
Injured, no med. attn	77	0	185	0	78	29	0	0	369
Not injured	0	4910	0	0	0	353	0	0	5263
Unknown	0	0	0	0	8	2	21	0	31
Total	7973	12188	4661	1767	2905	1015	503	201	31213
Admitted to hospital	77%	47%	82%	82%	86%	48%	79%	76%	66%
Received med attn	22%	13%	14%	18%	11%	14%	17%	24%	16%
Injured, no med. attn	1%	0%	4%	0%	3%	3%	0%	0%	1%
Not injured	0%	40%	0%	0%	0%	35%	0%	0%	17%
Unknown	0%	0%	0%	0%	0%	0%	4%	0%	0%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

1.4 Crash variables by crash severity

Table 1.4.1 Fatal and serious injury crashes in 1993 by *State/Territory*

State/Territory	Fatal crashes			S.I. crashes			Total		
	Crash	Col%	Row%	Crash	Col%	Row%	Crash	Col%	Row%
NSW	518	30%	9%	5173	30%	91%	5691	30%	100%
Vic	381	22%	7%	4811	28%	93%	5192	27%	100%
Qld	357	21%	10%	3186	19%	90%	3543	19%	100%
SA	191	11%	14%	1189	7%	86%	1380	7%	100%
WA	190	11%	9%	1984	12%	91%	2174	11%	100%
Tas	47	3%	11%	385	2%	89%	432	2%	100%
NT	41	2%	12%	315	2%	88%	356	2%	100%
ACT	11	1%	7%	143	1%	93%	154	1%	100%
Total	1736	100%	9%	17186	100%	91%	18922	100%	100%

Table 1.4.2 Fatal and serious injury crashes in 1993 by *month*

Month	Fatal crashes			S.I. crashes			Total		
	Crash	Col%	Row%	Crash	Col%	Row%	Crash	Col%	Row%
January	118	7%	8%	1379	8%	92%	1497	8%	100%
February	123	7%	9%	1303	8%	91%	1426	8%	100%
March	146	8%	9%	1500	9%	91%	1646	9%	100%
April	138	8%	9%	1382	8%	91%	1520	8%	100%
May	134	8%	8%	1504	9%	92%	1638	9%	100%
June	134	8%	9%	1341	8%	91%	1475	8%	100%
July	135	8%	9%	1387	8%	91%	1522	8%	100%
August	167	10%	11%	1365	8%	89%	1532	8%	100%
September	141	8%	9%	1377	8%	91%	1518	8%	100%
October	187	11%	11%	1577	9%	89%	1764	9%	100%
November	138	8%	9%	1459	8%	91%	1597	8%	100%
December	175	10%	10%	1612	9%	90%	1787	9%	100%
Total	1736	100%	9%	17186	100%	91%	18922	100%	100%

Table 1.4.3 Fatal and serious injury crashes in 1993 by *day of week*

Day of week	Fatal crashes			S.I. crashes			Total		
	Crash	Col%	Row%	Crash	Col%	Row%	Crash	Col%	Row%
Monday	176	10%	8%	2140	12%	92%	2316	12%	100%
Tuesday	200	12%	9%	2116	12%	91%	2316	12%	100%
Wednesday	229	13%	9%	2259	13%	91%	2488	13%	100%
Thursday	242	14%	9%	2483	14%	91%	2725	14%	100%
Friday	306	18%	10%	2908	17%	90%	3214	17%	100%
Saturday	319	18%	10%	2828	16%	90%	3147	17%	100%
Sunday	264	15%	10%	2452	14%	90%	2716	14%	100%
Total	1736	100%	9%	17186	100%	91%	18922	100%	100%

Table 1.4.4 Fatal and serious injury crashes in 1993 by time of day

Hour	Fatal crashes			S.I. crashes			Total		
	Crash	Col%	Row%	Crash	Col%	Row%	Crash	Col%	Row%
0	62	4%	12%	472	3%	88%	534	3%	100%
1	57	3%	13%	382	2%	87%	439	2%	100%
2	62	4%	18%	290	2%	82%	352	2%	100%
3	47	3%	15%	263	2%	85%	310	2%	100%
4	43	2%	16%	218	1%	84%	261	1%	100%
5	29	2%	11%	244	1%	89%	273	1%	100%
6	70	4%	14%	415	2%	86%	485	3%	100%
7	56	3%	9%	580	3%	91%	636	3%	100%
8	53	3%	6%	807	5%	94%	860	5%	100%
9	68	4%	9%	685	4%	91%	753	4%	100%
10	72	4%	8%	792	5%	92%	864	5%	100%
11	76	4%	9%	817	5%	91%	893	5%	100%
12	65	4%	7%	867	5%	93%	932	5%	100%
13	76	4%	8%	900	5%	92%	976	5%	100%
14	81	5%	8%	954	6%	92%	1035	6%	100%
15	102	6%	7%	1351	8%	93%	1453	8%	100%
16	115	7%	8%	1354	8%	92%	1469	8%	100%
17	105	6%	7%	1335	8%	93%	1440	8%	100%
18	105	6%	9%	1082	6%	91%	1187	6%	100%
19	78	5%	8%	859	5%	92%	937	5%	100%
20	74	4%	10%	701	4%	90%	775	4%	100%
21	62	4%	9%	620	4%	91%	682	4%	100%
22	78	5%	12%	550	3%	88%	628	3%	100%
23	88	5%	14%	521	3%	86%	609	3%	100%
Total known	1724	99%	9%	17059	99%	91%	18783	99%	100%
Unknown	12	1%	9%	127	1%	91%	139	1%	100%
Total	1736	100%	9%	17186	100%	91%	18922	100%	100%

Table 1.4.5 Fatal and serious injury crashes in 1993 by accident type

Type of crash	Fatal crashes			S.I. crashes			Total		
	Crash	Col%	Row%	Crash	Col%	Row%	Crash	Col%	Row%
Head on	282	16%	20%	1121	7%	80%	1403	7%	100%
Rear end	51	3%	4%	1392	8%	96%	1443	8%	100%
Angular	294	17%	6%	4827	28%	94%	5121	27%	100%
Struck pedestrian	315	18%	11%	2557	15%	89%	2872	15%	100%
Struck animal	17	1%	10%	160	1%	90%	177	1%	100%
Struck object	483	28%	11%	3806	22%	89%	4289	23%	100%
Overturned	190	11%	10%	1661	10%	90%	1851	10%	100%
Struck parked	26	2%	5%	450	3%	95%	476	3%	100%
Other	75	4%	6%	1123	7%	94%	1198	6%	100%
Total known	1733	100%	9%	17097	99%	91%	18830	100%	100%
Unknown	3	0%	3%	89	1%	97%	92	0%	100%
Total	1736	100%	9%	17186	100%	91%	18922	100%	100%

Table 1.4.6 Fatal and serious injury crashes in 1993 by location

Location	Fatal crashes			S.I. crashes			Total		
	Crash	Col%	Row%	Crash	Col%	Row%	Crash	Col%	Row%
Not at intersection	1290	74%	11%	10103	59%	89%	11393	60%	100%
T-intersection	220	13%	6%	3292	19%	94%	3512	19%	100%
Y-intersection	15	1%	16%	81	0%	84%	96	1%	100%
X-intersection	168	10%	5%	3157	18%	95%	3325	18%	100%
Multi-intersection	7	0%	6%	118	1%	94%	125	1%	100%
Roundabout	7	0%	3%	202	1%	97%	209	1%	100%
Other	26	2%	12%	194	1%	88%	220	1%	100%
Total known	1733	100%	9%	17147	100%	91%	18880	100%	100%
Unknown	3	0%	7%	39	0%	93%	42	0%	100%
Total	1736	100%	9%	17186	100%	91%	18922	100%	100%

Table 1.4.7 Fatal and serious injury crashes in 1993 by speed limit

Speed limit	Fatal crashes			S.I. crashes			Total		
	Crash	Col%	Row%	Crash	Col%	Row%	Crash	Col%	Row%
10	0	0%	0%	4	0%	100%	4	0%	100%
20	0	0%	0%	3	0%	100%	3	0%	100%
25	1	0%	20%	4	0%	80%	5	0%	100%
30	0	0%	0%	2	0%	100%	2	0%	100%
40	3	0%	4%	69	0%	96%	72	0%	100%
50	0	0%	0%	7	0%	100%	7	0%	100%
60	665	39%	6%	9961	60%	94%	10626	58%	100%
70	53	3%	8%	586	4%	92%	639	3%	100%
75	28	2%	7%	346	2%	93%	374	2%	100%
80	119	7%	12%	911	5%	88%	1030	6%	100%
90	27	2%	13%	176	1%	87%	203	1%	100%
100	604	35%	14%	3674	22%	86%	4278	23%	100%
110	178	10%	18%	824	5%	82%	1002	5%	100%
Unrestricted	25	1%	18%	112	1%	82%	137	1%	100%
Total known	1703	98%	9%	16679	97%	91%	18382	97%	100%
Unknown	33	2%	6%	507	3%	94%	540	3%	100%
Total	1736	100%	9%	17186	100%	91%	18922	100%	100%

Table 1.4.8 Fatal and serious injury crashes in 1993 by horizontal road alignment

Horizontal alignment	Fatal crashes			S.I. crashes			Total		
	Crash	Col%	Row%	Crash	Col%	Row%	Crash	Col%	Row%
Straight	1155	69%	8%	13165	78%	92%	14320	77%	100%
Curved	522	31%	12%	3703	22%	88%	4225	23%	100%
Total known	1677	97%	9%	16868	98%	91%	18545	98%	100%
Unknown	59	3%	16%	318	2%	84%	377	2%	100%
Total	1736	100%	9%	17186	100%	91%	18922	100%	100%

Table 1.4.9 Fatal and serious injury crashes in 1993 by *weather conditions*

	Fatal crashes			S.I. crashes			Total		
	Crash	Col%	Row%	Crash	Col%	Row%	Crash	Col%	Row%
Weather conditions									
Fine	1208	89%	9%	12013	87%	91%	13221	87%	100%
Rain	126	9%	7%	1676	12%	93%	1802	12%	100%
Fog/mist/smoke	15	1%	13%	100	1%	87%	115	1%	100%
Snow	1	0%	10%	9	0%	90%	10	0%	100%
Other	2	0%	12%	15	0%	88%	17	0%	100%
Total known	1352	78%	9%	13813	80%	91%	15165	80%	100%
Unknown	384	22%	10%	3373	20%	90%	3757	20%	100%
Total	1736	100%	9%	17186	100%	91%	18922	100%	100%

Table 1.4.10 Fatal and serious injury crashes in 1993 by *road surface*

	Fatal crashes			S.I. crashes			Total		
	Crash	Col%	Row%	Crash	Col%	Row%	Crash	Col%	Row%
Road surface									
Sealed	1277	93%	9%	13010	93%	91%	14287	93%	100%
Unsealed	98	7%	10%	919	7%	90%	1017	7%	100%
Total known	1375	79%	9%	13929	81%	91%	15304	81%	100%
Unknown	361	21%	10%	3257	19%	90%	3618	19%	100%
Total	1736	100%	9%	17186	100%	91%	18922	100%	100%

Table 1.4.11 Fatal and serious injury crashes in 1993 by *surface conditions*

	Fatal crashes			S.I. crashes			Total		
	Crash	Col%	Row%	Crash	Col%	Row%	Crash	Col%	Row%
Surface conditions									
Wet	213	16%	8%	2524	18%	92%	2737	18%	100%
Dry	1159	84%	9%	11372	82%	91%	12531	82%	100%
Snow/ice	0	0%	0%	14	0%	100%	14	0%	100%
Total known	1372	79%	9%	13910	81%	91%	15282	81%	100%
Unknown	364	21%	10%	3276	19%	90%	3640	19%	100%
Total	1736	100%	9%	17186	100%	91%	18922	100%	100%

Table 1.4.12 Fatal and serious injury crashes in 1993 by *natural lighting*

(excluding daytime crashes and all Queensland and South Australian crashes since natural lighting and street lighting not collected)

	Fatal crashes			S.I. crashes			Total		
	Crash	Col%	Row%	Crash	Col%	Row%	Crash	Col%	Row%
Natural light									
Day	701	51%	7%	8786	63%	93%	9487	62%	100%
Night	603	44%	12%	4453	32%	88%	5056	33%	100%
Dawn/dusk	66	5%	9%	702	5%	91%	768	5%	100%
Total known	1370	79%	9%	13941	81%	91%	15311	81%	100%
Unknown	366	21%	10%	3245	19%	90%	3611	19%	100%
Total	1736	100%	9%	17186	100%	91%	18922	100%	100%

Table 1.4.13 Fatal and serious injury crashes in 1993 by *street lighting*

(excluding daytime crashes and all Queensland and South Australian crashes since natural lighting and street lighting not collected)

	Fatal crashes			S.I. crashes			Total		
	Crash	Col%	Row%	Crash	Col%	Row%	Crash	Col%	Row%
Street lighting									
On	235	44%	8%	2707	62%	92%	2942	60%	100%
None	303	56%	16%	1628	38%	84%	1931	40%	100%
Total known	538	98%	11%	4335	98%	89%	4873	98%	100%
Unknown	9	2%	8%	108	2%	92%	117	2%	100%
Total	547	100%	11%	4443	100%	89%	4990	100%	100%

1.5 Vehicle variables by crash severity

Table 1.5.1 Vehicles involved in fatal and serious injury crashes in 1993 by type of vehicle

Type of vehicle	Fatal crashes			S.I. crashes			Total		
	Veh	Col%	Row%	Veh	Col%	Row%	Veh	Col%	Row%
Car	1863	71%	8%	20620	77%	92%	22483	76%	100%
Motorbike	205	8%	7%	2671	10%	93%	2876	10%	100%
Bicycle	51	2%	4%	1167	4%	96%	1218	4%	100%
Bus	37	1%	17%	181	1%	83%	218	1%	100%
Rigid truck	220	8%	14%	1301	5%	86%	1521	5%	100%
Artic. truck	172	7%	27%	462	2%	73%	634	2%	100%
Other	58	2%	12%	422	2%	88%	480	2%	100%
Total known	2606	99%	9%	26824	99%	91%	29430	99%	100%
Unknown	33	1%	13%	217	1%	87%	250	1%	100%
Total	2639	100%	9%	27041	100%	91%	29680	100%	100%

Table 1.5.2 Vehicles involved in fatal and serious injury crashes in 1993 by State of registration¹

State of registration	Fatal crashes			S.I. crashes			Total		
	Veh	Col%	Row%	Veh	Col%	Row%	Veh	Col%	Row%
NSW	707	32%	9%	7183	32%	91%	7890	32%	100%
Vic	592	26%	8%	7282	33%	92%	7874	32%	100%
Qld	493	22%	10%	4646	21%	90%	5139	21%	100%
SA	283	13%	13%	1848	8%	87%	2131	9%	100%
WA	9	0%	15%	53	0%	85%	62	0%	100%
Tas	63	3%	11%	535	2%	89%	598	2%	100%
NT	40	2%	10%	355	2%	90%	395	2%	100%
ACT	23	1%	8%	272	1%	92%	295	1%	100%
Other	25	1%	16%	129	1%	84%	154	1%	100%
Interstate	3	0%	14%	19	0%	86%	22	0%	100%
Total known	2238	87%	9%	22322	87%	91%	24560	87%	100%
Unknown	320	13%	9%	3443	13%	91%	3763	13%	100%
Total	2558	100%	9%	25765	100%	91%	28323	100%	100%

¹ Excluding all bicycles and other vehicles not required to be registered

Table 1.5.3 Vehicles involved in fatal and serious injury crashes in 1993 by licence type of operator¹

Licence type	Fatal crashes			S.I. crashes			Total		
	Veh	Col%	Row%	Veh	Col%	Row%	Veh	Col%	Row%
Learner	42	2%	7%	526	2%	93%	568	2%	100%
Provisional	235	10%	8%	2849	12%	92%	3084	12%	100%
Full licence	1916	81%	9%	19102	81%	91%	21018	81%	100%
No licence	137	6%	14%	835	4%	86%	972	4%	100%
Other	48	2%	15%	278	1%	85%	326	1%	100%
Total known	2378	94%	9%	23590	94%	91%	25968	94%	100%
Unknown	140	6%	8%	1568	6%	92%	1708	6%	100%
Total	2518	100%	9%	25158	100%	91%	27676	100%	100%

Table 1.5.4 Vehicles involved in fatal and serious injury crashes in 1993 by extent of damage²

Extent of damage	Fatal crashes			S.I. crashes			Total		
	Veh	Col%	Row%	Veh	Col%	Row%	Veh	Col%	Row%
Towed away	1770	81%	11%	15006	65%	89%	16776	66%	100%
Not towed away	422	19%	5%	8106	35%	95%	8528	34%	100%
Total known	2192	86%	9%	23112	90%	91%	25304	89%	100%
Unknown	369	14%	12%	2667	10%	88%	3036	11%	100%
Total	2561	100%	9%	25779	100%	91%	28340	100%	100%

Table 1.5.5 Vehicles involved in fatal and serious injury crashes in 1993 by BAC of operator³

BAC of operator	Fatal crashes			S.I. crashes			Total		
	Veh	Col%	Row%	Veh	Col%	Row%	Veh	Col%	Row%
0	1169	55%	10%	10141	52%	90%	11310	52%	100%
.001-.049	126	6%	30%	296	2%	70%	422	2%	100%
.050-.080	44	2%	17%	218	1%	83%	262	1%	100%
.081-.150	109	5%	13%	760	4%	87%	869	4%	100%
.151-.200	92	4%	15%	509	3%	85%	601	3%	100%
.201-.250	78	4%	22%	277	1%	78%	355	2%	100%
>.25	45	2%	25%	138	1%	75%	183	1%	100%
Positive	1	0%	17%	5	0%	83%	6	0%	100%
Negative	108	5%	10%	1007	5%	90%	1115	5%	100%
Refused test	2	0%	11%	16	0%	89%	18	0%	100%
Not tested	361	17%	6%	6075	31%	94%	6436	30%	100%
Total known	2135	83%	10%	19442	74%	90%	21577	75%	100%
Unknown	446	17%	6%	6929	26%	94%	7375	25%	100%
Total	2581	100%	9%	26371	100%	91%	28952	100%	100%

¹ Excluding bicyclists and other operators not requiring a licence

² Excluding bicyclists

³ Excluding driverless vehicles

Table 1.5.6 Vehicles involved in fatal and serious injury crashes in 1993 by sex of operator¹

Sex of operator	Fatal crashes			S.I. crashes			Total		
	Veh	Col%	Row%	Veh	Col%	Row%	Veh	Col%	Row%
Male	2030	80%	10%	18270	71%	90%	20300	71%	100%
Female	515	20%	6%	7603	29%	94%	8118	29%	100%
Total known	2545	99%	9%	25873	98%	91%	28418	98%	100%
Unknown	36	1%	7%	498	2%	93%	534	2%	100%
Total	2581	100%	9%	26371	100%	91%	28952	100%	100%

Table 1.5.7 Vehicles involved in fatal and serious injury crashes in 1993 by age of operator¹

Age of operator	Fatal crashes			S.I. crashes			Total		
	Veh	Col%	Row%	Veh	Col%	Row%	Veh	Col%	Row%
0-4	0	0%	0%	9	0%	100%	9	0%	100%
5-14	16	1%	4%	363	1%	96%	379	1%	100%
15-19	290	11%	8%	3301	13%	92%	3591	13%	100%
20-24	503	20%	9%	5051	20%	91%	5554	20%	100%
25-29	344	14%	9%	3450	13%	91%	3794	13%	100%
30-39	550	22%	9%	5338	21%	91%	5888	21%	100%
40-49	399	16%	10%	3603	14%	90%	4002	14%	100%
50-59	190	7%	9%	2027	8%	91%	2217	8%	100%
60+	252	10%	9%	2485	10%	91%	2737	10%	100%
Total known	2544	99%	9%	25627	97%	91%	28171	97%	100%
Unknown	37	1%	5%	744	3%	95%	781	3%	100%
Total	2581	100%	9%	26371	100%	91%	28952	100%	100%

Table 1.5.8 Vehicles involved in fatal and serious injury crashes in 1993 by number of occupants

Number of occupants	Fatal crashes			S.I. crashes			Total		
	Veh	Col%	Row%	Veh	Col%	Row%	Veh	Col%	Row%
Unoccupied	51	2%	8%	593	3%	92%	644	3%	100%
1	1186	57%	8%	13746	62%	92%	14932	61%	100%
2	478	23%	9%	4916	22%	91%	5394	22%	100%
3	172	8%	9%	1658	7%	91%	1830	8%	100%
4	96	5%	11%	786	4%	89%	882	4%	100%
5	39	2%	10%	343	2%	90%	382	2%	100%
6	17	1%	15%	97	0%	85%	114	0%	100%
>6	25	1%	21%	92	0%	79%	117	0%	100%
Total known	2064	78%	8%	22231	82%	92%	24295	82%	100%
Unknown	575	22%	11%	4810	18%	89%	5385	18%	100%
Total	2639	100%	9%	27041	100%	91%	29680	100%	100%

¹ Excluding driverless vehicles

1.6 Person variables by crash severity

Table 1.6.1 Fatalities and hospitalisations in 1993 by road user category

Type of road user	Fatalities			Hospitalisations			Total		
	Pers	Col%	Row%	Pers	Col%	Row%	Pers	Col%	Row%
Driver	851	44%	8%	9210	43%	92%	10061	43%	100%
Pedestrian	330	17%	11%	2681	12%	89%	3011	13%	100%
Bicycle rider	46	2%	4%	1097	5%	96%	1143	5%	100%
Bicycle pillion	0	0%	0%	9	0%	100%	9	0%	100%
Rider animal	2	0%	67%	1	0%	33%	3	0%	100%
MC rider	187	10%	7%	2453	11%	93%	2640	11%	100%
MC pillion	16	1%	6%	241	1%	94%	257	1%	100%
Passenger	512	26%	8%	5762	27%	92%	6274	27%	100%
Other	6	0%	10%	56	0%	90%	62	0%	100%
Total known	1950	100%	8%	21510	100%	92%	23460	100%	100%
Unknown	3	0%	3%	92	0%	97%	95	0%	100%
Total	1953	100%	8%	21602	100%	92%	23555	100%	100%

Table 1.6.2 Fatalities and hospitalisations in 1993 by sex

Sex	Fatalities			Hospitalisations			Total		
	Pers	Col%	Row%	Pers	Col%	Row%	Pers	Col%	Row%
Male	1389	71%	10%	13121	61%	90%	14510	62%	100%
Female	561	29%	6%	8392	39%	94%	8953	38%	100%
Total known	1950	100%	8%	21513	100%	92%	23463	100%	100%
Unknown	3	0%	3%	89	0%	97%	92	0%	100%
Total	1953	100%	8%	21602	100%	92%	23555	100%	100%

Table 1.6.3 Fatalities and hospitalisations in 1993 by age

Age	Fatalities			Hospitalisations			Total		
	Pers	Col%	Row%	Pers	Col%	Row%	Pers	Col%	Row%
0- 4	43	2%	11%	350	2%	89%	393	2%	100%
5-14	86	4%	5%	1498	7%	95%	1584	7%	100%
15-19	270	14%	8%	3226	15%	92%	3496	15%	100%
20-24	327	17%	8%	3939	19%	92%	4266	19%	100%
25-29	207	11%	8%	2410	12%	92%	2617	11%	100%
30-39	316	16%	9%	3345	16%	91%	3661	16%	100%
40-49	215	11%	9%	2158	10%	91%	2373	10%	100%
50-59	121	6%	8%	1315	6%	92%	1436	6%	100%
60+	357	18%	12%	2588	12%	88%	2945	13%	100%
Total known	1942	99%	9%	20829	96%	91%	22771	97%	100%
Unknown	11	1%	1%	773	4%	99%	784	3%	100%
Total	1953	100%	8%	21602	100%	92%	23555	100%	100%

Table 1.6.4 Fatalities and hospitalisations in 1993 by seat belt/helmet use

	Fatalities			Hospitalisations			Total		
	Pers	Col%	Row%	Pers	Col%	Row%	Pers	Col%	Row%
Driver/passenger									
Seat belt worn	613	67%	6%	10425	91%	94%	11038	90%	100%
Seat belt not worn	298	33%	23%	988	9%	77%	1286	10%	100%
Total known	911	67%	7%	11413	76%	93%	12324	76%	100%
Unknown	449	33%	11%	3517	24%	89%	3966	24%	100%
Total	1360	100%	8%	14930	100%	92%	16290	100%	100%
MC & cyclists (including pillion)									
Helmet worn	169	85%	6%	2803	91%	94%	2972	90%	100%
Helmet not worn	29	15%	9%	289	9%	91%	318	10%	100%
Total known	198	80%	6%	3092	81%	94%	3290	81%	100%
Unknown	51	20%	7%	708	19%	93%	759	19%	100%
Total	249	100%	6%	3800	100%	94%	4049	100%	100%

Table 1.6.5 Fatalities and hospitalisations in 1993 by BAC for pedestrians

	Fatalities			Hospitalisations			Total		
	Ped	Col%	Row%	Ped	Col%	Row%	Ped	Col%	Row%
BAC for pedestrian									
0	137	56%	22%	494	36%	78%	631	39%	100%
.001-.049	7	3%	26%	20	1%	74%	27	2%	100%
.050-.080	1	0%	10%	9	1%	90%	10	1%	100%
.081-.150	18	7%	30%	42	3%	70%	60	4%	100%
.151-.200	13	5%	22%	46	3%	78%	59	4%	100%
.201-.250	15	6%	23%	49	4%	77%	64	4%	100%
>.25	19	8%	27%	52	4%	73%	71	4%	100%
Negative	0	0%	0%	1	0%	100%	1	0%	100%
Refused test	0	0%	0%	1	0%	100%	1	0%	100%
Not tested	35	14%	5%	640	47%	95%	675	42%	100%
Total known	245	74%	15%	1354	51%	85%	1599	53%	100%
Unknown	85	26%	6%	1327	49%	94%	1412	47%	100%
Total	330	100%	11%	2681	100%	89%	3011	100%	100%

Table 1.6.6 Persons in fatal and serious injury crashes in 1993 by extent of injury

	Fatal crashes			S.I. crashes			Total		
	Pers	Col%	Row%	Pers	Col%	Row%	Pers	Col%	Row%
Extent of injury									
Fatal	1953	51%	100%	0	0%	0%	1953	6%	100%
Hospitalised	977	26%	5%	20625	66%	95%	21602	62%	100%
Medical attention	516	14%	9%	4925	16%	91%	5441	16%	100%
Injured, no med attn	40	1%	10%	369	1%	90%	409	1%	100%
Not injured	310	8%	6%	5263	17%	94%	5573	16%	100%
Total known	3796	100%	11%	31182	100%	89%	34978	100%	100%
Unknown	7	0%	18%	31	0%	82%	38	0%	100%
Total	3803	100%	11%	31213	100%	89%	35016	100%	100%

2 Comparison of 1989, 1990, 1991, 1992 & 1993

Table 2.1a Serious injury crashes 1989-1993 by State/Territory

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
1989	6532	7270	3079	1930	2312	542	350	182	22197
1990	6147	5727	3123	1926	2073	477	387	177	20037
1991	5506	4936	2926	1567	2002	424	306	179	17846
1992	5097	4746	3199	1227	1952	377	295	155	17048
1993	5173	4811	3186	1189	1984	385	315	143	17186
89-90	-6%	-21%	1%	0%	-10%	-12%	11%	-3%	-10%
90-91	-10%	-14%	-6%	-19%	-3%	-11%	-21%	1%	-11%
91-92	-7%	-4%	9%	-22%	-2%	-11%	-4%	-13%	-4%
92-93	1%	1%	0%	-3%	2%	2%	7%	-8%	1%

Source: 1989-93 Serious Injury Databases

Table 2.1b Hospitalisations 1989-1993 by State/Territory

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
1989	8263	9356	3955	2491	2996	705	503	221	28490
1990	7546	7084	3970	2397	2643	607	544	217	25008
1991	6732	6162	3825	2058	2565	538	430	212	22522
1992	6352	5905	3961	1599	2554	490	403	178	21442
1993	6407	5928	4027	1549	2583	522	430	156	21602
89-90	-9%	-24%	0%	-4%	-12%	-14%	8%	-2%	-12%
90-91	-11%	-13%	-4%	-14%	-3%	-11%	-21%	-2%	-10%
91-92	-6%	-4%	4%	-22%	0%	-9%	-6%	-16%	-5%
92-93	1%	0%	2%	-3%	1%	7%	7%	-12%	1%

Source: 1989-93 Serious Injury Databases

Table 2.1c Fatal crashes 1989-1993 by State/Territory

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
1989	783	681	376	201	214	68	57	28	2408
1990	702	492	347	186	181	63	59	26	2056
1991	585	435	359	166	186	66	64	19	1880
1992	576	365	363	142	171	59	46	20	1742
1993	518	381	357	191	190	47	41	11	1736
89-90	-10%	-28%	-8%	-7%	-15%	-7%	4%	-7%	-15%
90-91	-17%	-12%	3%	-11%	3%	5%	8%	-27%	-9%
91-92	-2%	-16%	1%	-14%	-8%	-11%	-28%	5%	-7%
92-93	-10%	4%	-2%	35%	11%	-20%	-11%	-45%	0%

Source: 1989-93 Serious Injury Databases

Table 2.1d Fatalities 1989-1993 by State/Territory

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
1989	960	776	428	222	242	80	61	34	2803
1990	797	548	399	225	196	71	73	28	2337
1991	663	503	395	184	206	77	71	20	2119
1992	649	396	416	165	200	74	58	23	1981
1993	581	435	396	218	209	58	44	12	1953
89-90	-17%	-29%	-7%	1%	-19%	-11%	20%	-18%	-17%
90-91	-17%	-8%	-1%	-18%	5%	8%	-3%	-29%	-9%
91-92	-2%	-21%	5%	-10%	-3%	-4%	-18%	15%	-7%
92-93	-10%	10%	-5%	32%	5%	-22%	-24%	-48%	-1%

Source: 1989-93 Serious Injury Databases

Table 2.2a Hospitalisations 1989-1993 by age

	Age										Total
	0-4	5-14	15-19	20-24	25-29	30-39	40-49	50-59	60+	Unknown	
1989	503	2083	5013	5082	3378	3894	2347	1669	2899	1622	28490
1990	370	1863	4453	4407	2804	3539	2180	1469	2560	1363	25008
1991	380	1492	3706	3865	2600	3212	2111	1469	2650	1037	22522
1992	335	1560	3232	3812	2447	3264	2053	1419	2557	763	21442
1993	350	1498	3226	3939	2410	3345	2158	1315	2588	773	21602
89-90	-26%	-11%	-11%	-13%	-17%	-9%	-7%	-12%	-12%	-16%	-12%
90-91	3%	-20%	-17%	-12%	-7%	-9%	-3%	0%	4%	-24%	-10%
91-92	-12%	5%	-13%	-1%	-6%	2%	-3%	-3%	-4%	-26%	-5%
92-93	4%	-4%	0%	3%	-2%	2%	5%	-7%	1%	1%	1%

Source: 1989-93 Serious Injury Databases

Table 2.2b Fatalities 1989-1993 by age

	Age										Total
	0-4	5-14	15-19	20-24	25-29	30-39	40-49	50-59	60+	Unknown	
1989	53	152	440	489	317	426	245	193	479	9	2803
1990	53	132	358	393	272	306	221	147	449	6	2337
1991	42	100	299	343	255	291	183	164	431	11	2119
1992	43	104	262	339	212	302	179	142	387	11	1981
1993	43	86	270	327	207	316	215	121	357	11	1953
89-90	0%	-13%	-19%	-20%	-14%	-28%	-10%	-24%	-6%	-33%	-17%
90-91	-21%	-24%	-16%	-13%	-6%	-5%	-17%	12%	-4%	83%	-9%
91-92	2%	4%	-12%	-1%	-17%	4%	-2%	-13%	-10%	0%	-7%
92-93	0%	-17%	3%	-4%	-2%	5%	20%	-15%	-8%	0%	-1%

Source: 1989-93 Serious Injury Databases

Table 2.3a Hospitalisations 1989-1993 by sex

	Male	Female	Unknown	Total
1989	17866	10599	25	28490
1990	15737	9159	112	25008
1991	13799	8612	111	22522
1992	13115	8232	95	21442
1993	13121	8392	89	21602
89-90	-12%	-14%	348%	-12%
90-91	-12%	-6%	-1%	-10%
91-92	-5%	-4%	-14%	-5%
92-93	0%	2%	-6%	1%

Source: 1989-93 Serious Injury Databases

Table 2.3b Fatalities 1989-1993 by sex

	Male	Female	Unknown	Total
1989	1985	818	0	2803
1990	1635	699	3	2337
1991	1485	629	5	2119
1992	1352	626	3	1981
1993	1389	561	3	1953
89-90	-18%	-15%	-	-17%
90-91	-9%	-10%	67%	-9%
91-92	-9%	0%	-40%	-7%
92-93	3%	-10%	0%	-1%

Source: 1989-93 Serious Injury Databases

3 Historical tables

Table 3.1a Serious injury crashes in 1983-93 by State/Territory

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
1983	7405	6274	2987	2326	1973	469	254	177	21865
1984	7185	6381	3221	2382	2107	567	306	205	22354
1985	6690	6616	3356	2450	2268	595	396	180	22551
1986	7135	6738	3164	2310	2144	563	419	210	22683
1987	7024	7620	3032	2176	2043	584	359	175	23013
1988	6869	7800	3216	1934	2010	527	320	156	22832
1989	6532	7270	3079	1930	2312	542	350	182	22197
1990	6147	5727	3123	1926	2073	477	387	177	20037
1991	5506	4936	2926	1567	2002	424	306	179	17846
1992	5097	4746	3199	1227	1952	377	295	155	17048
1993	5173	4811	3186	1189	1984	385	315	143	17186

Source: 1989-93 Serious Injury Databases. Years prior to 1989 produced from Road Traffic Accidents Involving Casualties, Australia (ABS Catalogue No. 9405)

Table 3.1b Fatal crashes in 1983-93 by State/Territory

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
1983	877	610	437	234	191	63	46	27	2485
1984	910	584	488	205	203	77	45	35	2547
1985	954	605	452	239	219	69	59	30	2627
1986	908	610	421	259	208	78	63	30	2577
1987	858	626	400	230	193	67	80	33	2487
1988	912	627	483	206	199	68	46	31	2572
1989	783	681	376	201	214	68	57	28	2408
1990	702	492	347	186	181	63	59	26	2056
1991	585	435	359	166	186	66	64	19	1880
1992	576	365	363	142	171	59	46	20	1742
1993	518	381	357	191	190	47	41	11	1736

Source: 1989-93 Serious Injury Databases. Years prior to 1989 produced from Road Traffic Accidents Involving Casualties, Australia (ABS Catalogue No. 9405)

Table 3.2a Fatal and serious injury crashes 1989-1993 involving at least one *passenger car* by crash type and State/Territory

Fatal crashes

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
<i>Single vehicle crashes involving a passenger car</i>									
1989	203	202	122	62	81	29	29	7	735
1990	178	153	110	68	65	19	37	0	630
1991	185	145	111	57	72	21	36	3	630
1992	170	88	104	46	84	25	29	4	550
1993	153	125	135	76	72	16	24	2	603
<i>Multiple vehicle crashes involving 1 or more passenger cars</i>									
1989	284	268	137	65	77	23	11	9	874
1990	231	198	126	62	59	25	6	16	723
1991	194	162	141	64	69	27	8	9	674
1992	205	146	137	50	58	25	5	9	635
1993	166	139	133	58	61	17	7	4	585
<i>Pedestrian crashes involving 1 or more passenger cars</i>									
1989	117	127	54	36	27	9	5	3	378
1990	131	76	54	25	26	9	9	2	332
1991	92	69	50	22	11	9	11	1	265
1992	81	62	57	23	13	4	7	2	249
1993	72	60	39	28	28	7	5	4	243

Serious injury crashes

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
<i>Single vehicle crashes involving a passenger car</i>									
1989	1914	2007	1052	683	749	206	163	37	6811
1990	1787	1628	970	652	669	176	191	26	6099
1991	1621	1403	892	559	616	171	128	32	5422
1992	1450	1356	991	430	629	131	144	28	5159
1993	1478	1366	1008	427	648	143	139	35	5244
<i>Multiple vehicle crashes involving 1 or more passenger cars</i>									
1989	2609	3553	1289	784	1055	222	102	83	9697
1990	2370	2623	1423	770	972	180	84	75	8497
1991	2078	2197	1367	644	952	152	81	100	7571
1992	1889	2143	1442	500	933	146	74	86	7213
1993	1994	2189	1476	449	889	142	95	76	7310
<i>Pedestrian crashes involving 1 or more passenger cars</i>									
1989	930	944	360	203	249	52	27	20	2785
1990	915	764	361	236	223	65	48	20	2632
1991	754	698	305	175	217	56	40	26	2271
1992	785	668	367	143	202	58	29	16	2268
1993	757	629	334	148	207	51	39	10	2175

Source: 1989-1993 Serious Injury Databases

Table 3.2b Fatal and serious injury crashes 1989-1993 involving at least one bus by crash type and State/Territory

Fatal crashes

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
<i>Single vehicle crashes involving a bus</i>									
1989	3	0	1	0	1	0	0	1	6
1990	3	1	1	0	0	0	0	0	5
1991	1	0	0	1	0	0	1	0	3
1992	1	1	0	0	0	0	0	0	2
1993	0	0	1	1	0	0	0	0	2
<i>Multiple vehicle crashes involving 1 or more buses</i>									
1989	15	2	6	1	0	0	1	2	27
1990	7	2	3	4	2	0	2	0	20
1991	3	2	8	1	1	0	0	1	16
1992	7	1	3	1	3	3	0	0	18
1993	5	5	6	1	4	1	0	1	23
<i>Pedestrian crashes involving 1 or more buses</i>									
1989	7	3	2	3	0	0	0	0	15
1990	4	3	0	0	1	0	0	0	8
1991	2	4	4	0	0	1	0	0	11
1992	3	2	1	2	0	0	0	1	9
1993	9	0	0	1	1	0	1	0	12

Serious injury crashes

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
<i>Single vehicle crashes involving a bus</i>									
1989	17	13	14	4	6	0	0	1	55
1990	14	14	9	3	2	0	2	0	44
1991	21	11	11	2	3	0	0	0	48
1992	18	6	2	3	4	0	3	0	36
1993	11	13	8	2	6	0	1	1	42
<i>Multiple vehicle crashes involving 1 or more buses</i>									
1989	49	41	19	10	18	0	3	3	143
1990	42	24	23	9	19	0	1	1	119
1991	45	28	30	12	18	3	1	2	139
1992	49	20	42	7	19	1	0	0	138
1993	37	19	21	8	13	3	1	1	103
<i>Pedestrian crashes involving 1 or more buses</i>									
1989	24	17	4	5	3	2	0	0	55
1990	23	9	8	1	5	0	0	0	46
1991	14	16	4	1	4	0	1	0	40
1992	19	6	9	0	6	1	0	0	41
1993	15	6	7	2	3	2	0	0	35

Source: 1989-1993 Serious Injury Databases

Table 3.2c Fatal and serious injury crashes 1989-1993 involving at least one articulated truck by crash type and State/Territory

Fatal crashes

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
<i>Single vehicle crashes involving an articulated truck</i>									
1989	19	13	18	3	5	0	1	0	59
1990	21	12	11	7	4	0	0	0	55
1991	14	7	4	3	3	1	0	0	32
1992	16	4	10	2	3	0	1	0	36
1993	16	9	10	4	0	1	0	0	40
<i>Multiple vehicle crashes involving 1 or more articulated trucks</i>									
1989	68	38	25	14	12	6	1	0	164
1990	49	38	17	10	11	8	3	0	136
1991	46	25	18	14	5	2	1	0	111
1992	49	20	22	6	7	1	0	0	105
1993	40	23	26	12	0	2	0	0	103
<i>Pedestrian crashes involving 1 or more articulated trucks</i>									
1989	12	6	2	4	1	0	1	1	27
1990	7	1	3	3	0	0	0	0	14
1991	4	3	1	1	1	1	0	0	11
1992	8	3	1	0	0	0	1	0	13
1993	4	2	2	1	0	0	1	0	10

Serious injury crashes

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
<i>Single vehicle crashes involving an articulated truck</i>									
1989	66	72	56	20	23	3	0	0	240
1990	71	41	45	19	11	8	5	0	200
1991	52	36	34	9	16	3	2	0	152
1992	71	42	35	16	21	1	2	0	188
1993	71	44	42	12	0	5	1	0	175
<i>Multiple vehicle crashes involving 1 or more articulated trucks</i>									
1989	103	146	53	36	20	13	7	0	378
1990	109	97	57	27	25	4	0	0	319
1991	66	75	50	24	20	6	1	0	242
1992	69	63	50	13	23	4	1	0	223
1993	78	81	58	17	2	6	5	1	248
<i>Pedestrian crashes involving 1 or more articulated trucks</i>									
1989	6	10	3	2	0	0	0	0	21
1990	2	7	1	0	3	0	0	0	13
1991	4	5	5	0	4	1	0	0	19
1992	3	7	4	0	0	0	0	0	14
1993	6	7	3	1	0	0	0	0	17

Source: 1989-1993 Serious Injury Databases

Table 3.2d Fatal and serious injury crashes 1989-1993 involving at least one rigid truck by crash type and State/Territory

Fatal crashes

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
<i>Single vehicle crashes involving a rigid truck</i>									
1989	42	10	10	4	3	2	1	0	72
1990	44	4	10	3	3	2	1	0	67
1991	22	4	6	4	3	1	0	1	41
1992	29	5	6	3	0	2	2	0	47
1993	26	9	3	4	2	2	0	0	46
<i>Multiple vehicle crashes involving 1 or more rigid trucks</i>									
1989	87	34	22	10	10	2	2	1	168
1990	70	25	21	13	13	10	0	2	154
1991	61	25	26	9	7	2	3	1	134
1992	58	20	24	6	6	1	1	3	119
1993	64	23	25	7	7	2	0	0	128
<i>Pedestrian crashes involving 1 or more rigid trucks</i>									
1989	27	7	5	4	0	1	0	0	44
1990	23	3	2	2	0	1	0	1	32
1991	20	0	4	0	1	0	1	0	26
1992	13	8	8	4	4	0	2	1	40
1993	24	3	4	2	1	0	2	0	36

Serious injury crashes

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
<i>Single vehicle crashes involving a rigid truck</i>									
1989	198	60	60	44	30	10	5	1	408
1990	214	54	37	30	16	9	5	0	365
1991	233	42	32	29	20	4	1	0	361
1992	245	41	22	13	18	7	9	2	357
1993	213	50	28	16	16	6	3	2	334
<i>Multiple vehicle crashes involving 1 or more rigid trucks</i>									
1989	439	250	94	69	72	19	12	10	965
1990	408	172	114	66	46	16	4	9	835
1991	398	141	112	43	43	18	6	6	767
1992	393	105	103	39	48	9	4	9	710
1993	435	140	84	47	44	10	1	8	769
<i>Pedestrian crashes involving 1 or more rigid trucks</i>									
1989	77	22	13	6	9	4	1	1	133
1990	85	12	19	7	3	3	0	2	131
1991	89	15	10	7	8	6	0	0	135
1992	89	18	10	3	2	2	0	1	125
1993	84	22	7	6	6	3	1	1	130

Source: 1989-1993 Serious Injury Databases

Table 3.3a Fatalities in 1989-93 by road user category and State

Fatalities

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
<i>Drivers of motor vehicles other than motor cycles</i>									
1989	356	338	173	84	101	39	20	12	1123
1990	310	232	153	88	79	37	21	13	933
1991	304	216	162	81	77	39	22	5	906
1992	287	144	167	66	85	36	18	8	811
1993	274	193	188	85	70	24	12	5	851
<i>Passengers of motor vehicles other than motor cycles</i>									
1989	303	179	116	48	73	26	24	12	781
1990	200	144	113	74	47	15	26	6	625
1991	172	123	106	45	60	18	22	4	550
1992	176	92	113	52	78	27	15	6	559
1993	135	111	101	64	62	19	19	1	512
<i>Pedestrians</i>									
1989	173	159	68	47	34	9	6	5	501
1990	177	93	65	32	31	12	11	3	424
1991	119	94	66	24	16	12	13	2	346
1992	121	89	74	31	19	4	10	6	354
1993	117	73	49	33	37	7	10	4	330
<i>Riders and passengers of motorcycles</i>									
1989	109	65	52	30	27	2	9	5	299
1990	90	55	50	25	28	6	5	3	262
1991	58	57	45	24	41	8	8	7	248
1992	59	56	43	14	15	6	3	3	199
1993	46	43	47	30	27	7	1	2	203
<i>Pedal cyclists</i>									
1989	19	34	19	13	7	4	2	0	98
1990	20	24	18	6	9	1	0	3	81
1991	10	13	16	10	8	0	1	2	60
1992	6	13	18	2	1	1	0	0	41
1993	8	14	10	6	5	1	2	0	46
<i>Other road users</i>									
1989	0	1	0	0	0	0	0	0	1
1990	0	0	0	0	2	0	10	0	12
1991	0	0	0	0	4	0	5	0	9
1992	0	2	1	0	2	0	12	0	17
1993	1	1	1	0	8	0	0	0	11
<i>Total</i>									
1989	960	776	428	222	242	80	61	34	2803
1990	797	548	399	225	196	71	73	28	2337
1991	663	503	395	184	206	77	71	20	2119
1992	649	396	416	165	200	74	58	23	1981
1993	581	435	396	218	209	58	44	12	1953

Source 1989-1993 Serious Injury Databases

Table 3.3b Hospitalisations in 1989-93 by road user category and State

Hospitalisations

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
<i>Drivers of motor vehicles other than motor cycles</i>									
1989	3299	4075	1516	1072	1211	312	167	102	11754
1990	3148	2980	1662	991	1084	256	179	83	10383
1991	2778	2580	1528	876	976	235	128	80	9181
1992	2640	2538	1596	672	1040	216	134	62	8898
1993	2725	2661	1705	658	1015	230	150	66	9210
<i>Passengers of motor vehicles other than motor cycles</i>									
1989	2319	2524	1156	694	885	223	207	43	8051
1990	1951	1712	1037	601	726	191	179	38	6435
1991	1789	1557	1137	586	748	156	133	42	6148
1992	1698	1429	1085	454	761	144	138	37	5746
1993	1725	1335	1131	462	773	163	146	27	5762
<i>Pedestrians</i>									
1989	1230	1152	426	244	306	61	33	26	3478
1990	1202	927	444	275	284	71	55	25	3283
1991	1037	848	360	198	270	66	44	27	2850
1992	1054	799	432	170	256	63	34	18	2826
1993	982	774	386	174	253	56	44	12	2681
<i>Riders and passengers of motorcycles</i>									
1989	1086	968	552	329	412	91	66	26	3530
1990	892	883	517	352	317	66	72	46	3145
1991	832	798	533	291	300	65	72	39	2930
1992	693	737	555	214	285	50	54	39	2627
1993	696	758	582	182	316	57	72	31	2694
<i>Pedal cyclists</i>									
1989	325	583	297	152	144	16	30	21	1568
1990	349	547	305	177	124	23	24	22	1571
1991	289	361	263	106	137	16	20	20	1212
1992	262	393	290	88	109	17	14	19	1192
1993	275	390	222	73	95	16	18	17	1106
<i>Other road users</i>									
1989	4	54	8	0	38	2	0	3	109
1990	4	35	5	1	108	0	35	3	191
1991	7	18	4	1	134	0	33	4	201
1992	5	9	3	1	103	0	29	3	153
1993	4	10	1	0	131	0	0	3	149
<i>Total</i>									
1989	8263	9356	3955	2491	2996	705	503	221	28490
1990	7546	7084	3970	2397	2643	607	544	217	25008
1991	6732	6162	3825	2058	2565	538	430	212	22522
1992	6352	5905	3961	1599	2554	490	403	178	21442
1993	6407	5928	4027	1549	2583	522	430	156	21602

Source: 1989-1993 Serious Injury Databases

Table 3.4a Fatalities 1987-93 by age

	Age										
	0-4	5-16	17-20	21-25	26-29	30-39	40-49	50-59	60+	Unknown	Total
1987	65	228	489	450	233	391	237	180	492	7	2772
1988	61	232	460	497	260	382	242	205	538	10	2887
1989	53	242	470	445	241	423	245	192	477	15	2803
1990	53	186	418	333	218	306	221	147	449	6	2337
1991	42	159	311	336	191	291	183	164	431	11	2119
1992	43	152	297	302	166	302	179	142	387	11	1981
1993	43	86	270	327	207	316	215	121	357	11	1953
1987	2%	8%	18%	16%	8%	14%	9%	6%	18%	0%	100%
1988	2%	8%	16%	17%	9%	13%	8%	7%	19%	0%	100%
1989	2%	9%	17%	16%	9%	15%	9%	7%	17%	1%	100%
1990	2%	8%	18%	14%	9%	13%	9%	6%	19%	0%	100%
1991	2%	8%	15%	16%	9%	14%	9%	8%	20%	1%	100%
1992	2%	8%	15%	15%	8%	15%	9%	7%	20%	1%	100%
1993	2%	4%	14%	17%	11%	16%	11%	6%	18%	1%	100%

Source: 1989-93 Serious Injury Databases. Years prior to 1989 produced from Road Traffic Accidents Involving Casualties, Australia (ABS Catalogue No. 9405)

Table 3.4b Hospitalisations 1983-93 by age

	Age										
	0-4	5-16	17-20	21-25	26-29	30-39	40-49	50-59	60+	Unknown	Total
1983	618	3738	5993	5078	2123	3248	1883	1515	2332	1552	28080
1984	425	2762	4455	3907	1792	2556	1520	1180	2009	1166	21772
1985	596	3602	5802	5297	2448	3483	2075	1644	2571	1730	29248
1986	571	3612	5661	5171	2453	3789	2226	1576	2559	1551	29169
1987	556	3599	5628	5154	2585	3942	2305	1674	2675	1580	29698
1988	516	3270	5645	4884	2650	3938	2451	1755	3028	1568	29705
1989	503	3150	5232	4549	2625	3894	2347	1669	2899	1622	28490
1990	370	2756	4673	3955	2143	3539	2180	1469	2560	1363	25008
1991	380	2244	3963	3421	2035	3212	2111	1469	2650	1037	22522
1992	335	2216	3559	3396	1880	3264	2053	1419	2557	763	21442
1993	350	1498	3226	3939	2410	3345	2158	1315	2588	773	21602
1983	2%	13%	21%	18%	8%	12%	7%	5%	8%	6%	100%
1984	2%	13%	20%	18%	8%	12%	7%	5%	9%	5%	100%
1985	2%	12%	20%	18%	8%	12%	7%	6%	9%	6%	100%
1986	2%	12%	19%	18%	8%	13%	8%	5%	9%	5%	100%
1987	2%	12%	19%	17%	9%	13%	8%	6%	9%	5%	100%
1988	2%	11%	19%	16%	9%	13%	8%	6%	10%	5%	100%
1989	2%	11%	18%	16%	9%	14%	8%	6%	10%	6%	100%
1990	1%	11%	19%	16%	9%	14%	9%	6%	10%	5%	100%
1991	2%	10%	18%	15%	9%	14%	9%	7%	12%	5%	100%
1992	2%	10%	17%	16%	9%	15%	10%	7%	12%	4%	100%
1993	2%	7%	15%	18%	11%	15%	10%	6%	12%	4%	100%

Source: 1989-93 Serious Injury Databases. Years prior to 1989 produced from Road Traffic Accidents Involving Casualties, Australia (ABS Catalogue No. 9405)

Table 3.5a Fatalities 1987-93 by sex

	Males	Females	Unknown	Total
1987	1950	822	0	2772
1988	2053	834	0	2887
1989	1985	818	0	2803
1990	1635	699	3	2337
1991	1485	629	5	2119
1992	1352	626	3	1981
1993	1389	561	3	1953
1987	70%	30%	0%	100%
1988	71%	29%	0%	100%
1989	71%	29%	0%	100%
1990	70%	30%	0%	100%
1991	70%	30%	0%	100%
1992	68%	32%	0%	100%
1993	71%	29%	0%	100%

Source: 1989-93 Serious Injury Databases. Years prior to 1989 produced from Road Traffic Accidents Involving Casualties, Australia (ABS Catalogue No. 9405)

Table 3.5b Hospitalisations 1987-93 by sex

	Males	Females	Unknown	Total
1987	18748	10926	24	29698
1988	18408	11281	16	29705
1989	17874	10592	24	28490
1990	15737	9159	112	25008
1991	13799	8612	111	22522
1992	13115	8232	95	21442
1993	13121	8392	89	21602
1987	63%	37%	0%	100%
1988	62%	38%	0%	100%
1989	63%	37%	0%	100%
1990	63%	37%	0%	100%
1991	61%	38%	0%	100%
1992	61%	38%	0%	100%
1993	61%	39%	0%	100%

Source: 1989-93 Serious Injury Databases. Years prior to 1989 produced from Road Traffic Accidents Involving Casualties, Australia (ABS Catalogue No. 9405)

Table 3.6 Serious injury crashes, hospitalisations, fatal crashes and fatalities per 100,000 population, 1986-1993

	Serious injury crashes	Hospitalisations	Fatal crashes	Fatalities
1986	142	182	16.1	18.0
1987	142	183	15.3	17.0
1988	138	180	15.6	17.5
1989	132	169	14.3	16.7
1990	117	146	12.0	13.7
1991	103	130	10.8	12.2
1992	98	123	10.0	11.3
1993	97	122	9.8	11.1

Source: 1989-1993 Serious Injury Databases. Years prior to 1989 produced from Road Traffic Accidents Involving Casualties, Australia (ABS Catalogue No. 9405)

Estimated resident population at 30 June of relevant year, from Estimated Resident Population by Sex and Age, States and Territories of Australia (ABS Catalogue No. 3201) and Year Book Australia 1994 and 1995 (ABS Catalogue No. 1301/CD-ROM)

Table 3.7 Serious injury crashes, hospitalisations, fatal crashes and fatalities per 10,000 registered vehicles, 1986-1993

	Serious injury crashes	Hospitalisations	Fatal crashes	Fatalities
1986	24.4	31.4	2.77	3.11
1987	24.6	31.7	2.65	2.96
1988	23.9	31.1	2.69	3.02
1989	22.6	29.1	2.45	2.86
1990	19.9	24.8	2.04	2.32
1991	18.0	22.7	1.89	2.13
1992	16.6	20.9	1.70	1.93
1993	16.5	20.7	1.66	1.87

Source: 1989-1993 Serious Injury Databases. Years prior to 1989 produced from Road Traffic Accidents Involving Casualties, Australia (ABS Catalogue No. 9405)

Rates based on the total motor vehicle and motor cycle registrations at 30 June of relevant year, from Motor Vehicle Registrations, Australia (ABS Catalogue No. 9304) and Year Book Australia 1994 and 1995 (ABS Catalogue No. 1301/CD-ROM). Pedestrians and pedal cyclists used in rate calculations

4 Rates 1989, 1990, 1991, 1992 & 1993

Table 4.1 Fatalities, hospitalisations, fatal crashes and serious injury crashes per 100,000 population by State/Territory

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
<i>Fatalities</i>									
1989	16.6	18.0	15.1	15.6	15.2	17.7	39.0	12.2	16.7
1990	13.7	12.5	13.7	15.6	12.0	15.5	46.4	9.8	13.7
1991	11.2	11.4	13.3	12.6	12.4	16.7	44.7	6.8	12.2
1992	10.9	8.9	13.7	11.3	12.1	15.8	34.7	7.8	11.3
1993	9.7	9.7	12.7	14.9	12.5	12.3	26.1	4.0	11.1
<i>Hospitalisations</i>									
1989	143	216	140	175	188	156	322	79	169
1990	130	162	137	167	162	133	346	76	146
1991	114	139	129	141	154	117	271	72	130
1992	107	133	131	110	154	104	241	61	123
1993	107	133	129	106	154	111	256	52	122
<i>Fatal crashes</i>									
1989	13.6	15.8	13.3	14.1	13.4	15.1	35.8	10.0	14.3
1990	12.0	11.2	11.9	12.9	11.1	13.8	37.5	9.1	12.0
1991	9.9	9.8	12.1	11.4	11.2	14.3	40.3	6.5	10.8
1992	9.7	8.2	12.0	9.8	10.3	12.6	27.5	6.8	10.0
1993	8.6	8.5	11.5	13.1	11.3	10.0	24.4	3.7	9.8
<i>Serious injury crashes</i>									
1989	113	168	109	136	145	120	220	65	132
1990	105	131	107	134	127	104	246	62	117
1991	93	111	98	108	120	92	193	61	103
1992	86	107	106	84	118	80	177	53	98
1993	86	108	102	81	118	82	187	48	97

Estimated resident population at 30 June of relevant year, from Estimated Resident Population by Sex and Age: States and Territories of Australia (ABS Catalogue No. 3201) and Year Book Australia 1994 and 1995 (ABS Catalogue No. 1301/CD-ROM)

Table 4.2 Fatalities, hospitalisations, fatal crashes and serious injury crashes per 10,000 registered vehicles by State/Territory

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aus
<i>Fatalities</i>									
1989	3.03	3.00	2.53	2.57	2.45	2.81	7.95	2.33	2.86
1990	2.47	2.07	2.28	2.55	1.89	2.41	9.18	1.77	2.32
1991	2.17	1.81	2.40	2.15	1.94	2.58	9.44	1.28	2.13
1992	2.02	1.47	2.27	1.85	1.85	2.43	7.18	1.39	1.93
1993	1.83	1.52	2.14	2.34	1.88	1.86	5.23	0.67	1.86
<i>Hospitalisations</i>									
1989	26.1	36.2	23.4	28.9	30.4	24.8	65.6	15.1	29.1
1990	23.4	26.7	22.7	27.1	25.5	20.6	68.4	13.7	24.8
1991	22.0	22.2	23.3	24.0	24.1	18.0	57.2	13.5	22.7
1992	19.8	22.0	21.6	18.0	23.6	16.1	49.9	10.8	20.9
1993	20.2	20.7	21.8	16.6	23.2	16.7	51.1	8.8	20.6
<i>Fatal crashes</i>									
1989	2.47	2.63	2.22	2.33	2.17	2.39	7.30	1.92	2.45
1990	2.18	1.86	1.98	2.11	1.74	2.14	7.42	1.64	2.04
1991	1.91	1.57	2.18	1.94	1.75	2.21	8.51	1.21	1.89
1992	1.80	1.36	1.98	1.60	1.58	1.94	5.69	1.21	1.70
1993	1.63	1.33	1.93	2.05	1.70	1.51	4.87	0.62	1.65
<i>Serious injury crashes</i>									
1989	20.6	28.1	18.2	22.4	23.4	19.1	44.9	12.4	22.6
1990	19.1	21.6	17.8	21.8	20.0	16.2	48.7	11.2	19.9
1991	18.0	17.8	17.8	18.3	18.8	14.2	40.7	11.4	18.0
1992	15.9	17.7	17.5	13.8	18.0	12.4	36.5	9.4	16.6
1993	16.3	16.8	17.2	12.7	17.8	12.3	37.4	8.0	16.4

Rates based on the total motor vehicle and motor cycle registrations at 30 June of relevant year, from Motor Vehicle Registrations, Australia (ABS Catalogue No. 9304) and Year Book Australia 1994 and 1995 (ABS Catalogue No. 1301/CD-ROM). Pedestrians and pedal cyclists used in rate calculations

Table 4.3 Fatalities and hospitalisations per 100,000 population by age

	0-4	5-14	15-19	20-24	25-29	30-39	40-49	50-59	60+	Total
<i>Fatalities</i>										
1989	4.3	6.1	31.1	36.5	22.3	16.0	11.3	12.6	18.5	16.6
1990	4.2	5.3	25.5	28.9	19.2	11.3	9.8	9.5	17.0	13.6
1991	3.3	4.0	21.9	24.4	18.2	10.5	7.8	10.4	16.0	12.2
1992	3.4	4.1	19.8	23.7	15.4	10.8	7.5	8.8	14.2	11.3
1993	3.3	3.4	20.8	22.6	15.2	11.2	8.7	7.3	12.9	11.1
<i>Hospitalisations</i>										
1989	41	84	354	379	238	146	108	109	112	160
1990	30	75	317	324	198	130	97	95	97	138
1991	30	60	271	274	185	116	90	93	98	124
1992	26	62	244	266	177	117	86	88	94	118
1993	27	59	249	272	177	118	87	80	93	122

Estimated resident population at 30 June of relevant year, from Estimated Resident Population by Sex and Age: States and Territories of Australia (ABS Catalogue No. 3201)

Table 4.4 Fatalities and hospitalisations per 100,000 population by vehicle type (vehicle occupants and motor cyclists only), 1993

	Car	Motor-cycle	Bus	Rigid truck	Artic. truck	Other	Unknown	Total
<i>Fatalities</i>								
1989	10.07	1.76	0.34	0.44	0.40	0.04	0.04	13.09
1990	8.06	1.53	0.13	0.50	0.34	0.06	0.02	10.65
1991	7.75	1.43	0.02	0.35	0.22	0.06	0.00	9.83
1992	7.15	1.14	0.08	0.25	0.27	0.05	0.01	8.96
1993	7.00	1.15	0.08	0.34	0.25	0.05	0.03	8.90
<i>Hospitalisations</i>								
1989	110.2	21.0	1.2	3.7	1.7	0.6	0.2	138.6
1990	92.0	18.4	0.9	3.3	1.4	0.7	0.1	116.8
1991	82.9	16.9	0.6	3.1	1.0	0.6	0.1	105.3
1992	78.2	15.0	0.7	3.1	1.2	0.6	0.1	98.8
1993	79.3	15.3	0.7	3.0	1.2	0.6	0.4	100.4

Estimated resident population at 30 June of relevant year, from Estimated Resident Population by Sex and Age: States and Territories of Australia (ABS Catalogue No. 3201) and Year Book Australia 1994 and 1995 (ABS Catalogue No. 1301/CD-ROM)

5 Variable by variable crosstabulations 1993

Table 5.1a Male fatalities and hospitalisations in 1993 by road user category and State/Territory

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Fatalities									
<i>Road user type</i>									
Driver	212	140	141	72	58	20	11	4	658
Passenger	70	62	64	27	32	9	16	1	281
Pedestrian	80	49	33	18	28	3	7	3	221
Motorcyclists ¹	41	42	45	27	25	7	0	2	189
Bicyclists ¹	6	11	7	4	3	1	2	0	34
Other/unknown	0	1	0	0	5	0	0	0	6
Total	409	305	290	148	151	40	36	10	1389
Driver	52%	46%	49%	49%	40%	50%	31%	40%	48%
Passenger	17%	20%	22%	18%	22%	23%	44%	10%	20%
Pedestrian	20%	16%	11%	12%	19%	8%	19%	30%	16%
Motorcyclists ¹	10%	14%	16%	18%	17%	18%	0%	20%	14%
Bicyclists ¹	1%	4%	2%	3%	2%	3%	6%	0%	2%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Driver	32%	21%	21%	11%	9%	3%	2%	1%	100%
Passenger	25%	22%	23%	10%	11%	3%	6%	0%	100%
Pedestrian	36%	22%	15%	8%	13%	1%	3%	1%	100%
Motorcyclists ¹	22%	22%	24%	14%	13%	4%	0%	1%	100%
Bicyclists ¹	18%	32%	21%	12%	9%	3%	6%	0%	100%
Total	30%	22%	21%	11%	11%	3%	3%	1%	100%
Hospitalisations									
<i>Road user type</i>									
Driver	1727	1490	967	406	575	150	98	36	5449
Passenger	760	597	501	225	356	82	72	8	2601
Pedestrian	603	449	261	92	167	35	28	10	1645
Motorcyclists ¹	631	705	527	159	289	50	62	30	2453
Bicyclists ¹	235	324	180	66	77	12	13	12	919
Other/unknown	4	4	0	0	43	0	0	3	54
Total	3960	3569	2436	948	1507	329	273	99	13121
Driver	44%	42%	40%	43%	39%	46%	36%	38%	42%
Passenger	19%	17%	21%	24%	24%	25%	26%	8%	20%
Pedestrian	15%	13%	11%	10%	11%	11%	10%	10%	13%
Motorcyclists ¹	16%	20%	22%	17%	20%	15%	23%	31%	19%
Bicyclists ¹	6%	9%	7%	7%	5%	4%	5%	13%	7%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Driver	32%	27%	18%	7%	11%	3%	2%	1%	100%
Passenger	29%	23%	19%	9%	14%	3%	3%	0%	100%
Pedestrian	37%	27%	16%	6%	10%	2%	2%	1%	100%
Motorcyclists ¹	26%	29%	21%	6%	12%	2%	3%	1%	100%
Bicyclists ¹	26%	35%	20%	7%	8%	1%	1%	1%	100%
Total	30%	27%	19%	7%	11%	3%	2%	1%	100%

¹ Includes pillion passengers

Table 5.1b Female fatalities and hospitalisations in 1993 by road user category and State/Territory

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Fatalities									
<i>Road user type</i>									
Driver	62	53	47	13	12	4	1	1	193
Passenger	65	49	37	37	30	10	3	0	231
Pedestrian	37	24	16	15	9	4	3	1	109
Motorcyclists ¹	5	1	2	3	2	0	1	0	14
Bicyclists ¹	2	3	3	2	2	0	0	0	12
Other/unknown	1	0	1	0	0	0	0	0	2
Total	172	130	106	70	55	18	8	2	561
Driver	36%	41%	45%	19%	22%	22%	13%	50%	35%
Passenger	38%	38%	35%	53%	55%	56%	38%	0%	41%
Pedestrian	22%	18%	15%	21%	16%	22%	38%	50%	19%
Motorcyclists ¹	3%	1%	2%	4%	4%	0%	13%	0%	3%
Bicyclists ¹	1%	2%	3%	3%	4%	0%	0%	0%	2%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Driver	32%	27%	24%	7%	6%	2%	1%	1%	100%
Passenger	28%	21%	16%	16%	13%	4%	1%	0%	100%
Pedestrian	34%	22%	15%	14%	8%	4%	3%	1%	100%
Motorcyclists ¹	36%	7%	14%	21%	14%	0%	7%	0%	100%
Bicyclists ¹	17%	25%	25%	17%	17%	0%	0%	0%	100%
Total	31%	23%	19%	13%	10%	3%	1%	0%	100%
Hospitalisations									
<i>Road user type</i>									
Driver	998	1171	738	251	440	80	52	30	3760
Passenger	965	738	630	235	415	81	74	19	3157
Pedestrian	379	322	125	81	85	21	16	2	1031
Motorcyclists ¹	65	53	55	23	27	7	10	1	241
Bicyclists ¹	40	66	42	7	18	4	5	5	187
Other/unknown	0	6	0	0	10	0	0	0	16
Total	2447	2356	1590	597	995	193	157	57	8392
Driver	41%	50%	46%	42%	45%	41%	33%	53%	45%
Passenger	39%	31%	40%	39%	42%	42%	47%	33%	38%
Pedestrian	15%	14%	8%	14%	9%	11%	10%	4%	12%
Motorcyclists ¹	3%	2%	3%	4%	3%	4%	6%	2%	3%
Bicyclists ¹	2%	3%	3%	1%	2%	2%	3%	9%	2%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Driver	27%	31%	20%	7%	12%	2%	1%	1%	100%
Passenger	31%	23%	20%	7%	13%	3%	2%	1%	100%
Pedestrian	37%	31%	12%	8%	8%	2%	2%	0%	100%
Motorcyclists ¹	27%	22%	23%	10%	11%	3%	4%	0%	100%
Bicyclists ¹	21%	35%	22%	4%	10%	2%	3%	3%	100%
Total	29%	28%	19%	7%	12%	2%	2%	1%	100%

¹ Includes pillion passengers

Table 5.2a Fatalities in 1993 by road user category, age and State/Territory

Fatalities	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aust
<i>Drivers of motor vehicles other than motorcycles</i>									
0-14 years	0	0	0	0	0	0	0	0	0
15-29 years	110	83	71	38	31	7	5	3	348
30-44 years	72	51	56	25	19	9	3	2	237
45-59 years	38	24	28	11	12	4	2	0	119
60+ years	54	35	33	11	8	4	2	0	147
Unknown	0	0	0	0	0	0	0	0	0
All ages	274	193	188	85	70	24	12	5	851
<i>Passengers of motor vehicles other than motorcycles</i>									
0-14 years	19	17	14	6	9	5	1	0	71
15-29 years	50	45	58	33	26	5	9	1	227
30-44 years	24	15	13	9	11	6	5	0	83
45-59 years	8	15	4	5	12	0	4	0	48
60+ years	32	19	12	9	3	3	0	0	78
Unknown	2	0	0	2	1	0	0	0	5
All ages	135	111	101	64	62	19	19	1	512
<i>Pedestrians</i>									
0-14 years	18	9	8	1	4	2	2	0	44
15-29 years	24	15	12	9	14	3	4	1	82
30-44 years	21	8	7	4	3	0	1	1	45
45-59 years	16	4	8	3	1	0	2	1	35
60+ years	38	37	14	15	15	2	1	1	123
Unknown	0	0	0	1	0	0	0	0	1
All ages	117	73	49	33	37	7	10	4	330
<i>Riders and passengers of motorcycles</i>									
0-14 years	1	0	0	0	1	0	0	0	2
15-29 years	29	33	32	17	16	5	1	2	135
30-44 years	13	7	9	11	7	2	0	0	49
45-59 years	3	3	5	2	2	0	0	0	15
60+ years	0	0	1	0	0	0	0	0	1
Unknown	0	0	0	0	1	0	0	0	1
All ages	46	43	47	30	27	7	1	2	203
<i>Pedal cyclists¹</i>									
0-14 years	2	3	3	1	0	1	1	0	11
15-29 years	2	2	1	1	3	0	0	0	9
30-44 years	1	3	3	1	0	0	1	0	9
45-59 years	3	3	0	1	2	0	0	0	9
60+ years	0	3	3	1	0	0	0	0	7
Unknown	0	0	0	1	0	0	0	0	1
All ages	8	14	10	6	5	1	2	0	46
<i>Other road users²</i>									
0-14 years	0	1	0	0	0	0	0	0	1
15-29 years	1	0	1	0	1	0	0	0	3
30-44 years	0	0	0	0	3	0	0	0	3
45-59 years	0	0	0	0	0	0	0	0	0
60+ years	0	0	0	0	1	0	0	0	1
Unknown	0	0	0	0	3	0	0	0	3
All ages	1	1	1	0	8	0	0	0	11
<i>Total</i>									
0-14 years	40	30	25	8	14	8	4	0	129
15-29 years	216	178	175	98	91	20	19	7	804
30-44 years	131	84	88	50	43	17	10	3	426
45-59 years	68	49	45	22	29	4	8	1	226
60+ years	124	94	63	36	27	9	3	1	357
Unknown	2	0	0	4	5	0	0	0	11
All ages	581	435	396	218	209	58	44	12	1953

¹ Includes pillion passengers

² Includes road user categories not separately specified and not stated

Table 5.2b Hospitalisations in 1993 by road user category, age and State/Territory

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Aust
Hospitalisations									
<i>Drivers of motor vehicles other than motorcycles</i>									
0-14 years	3	1	3	0	2	2	0	0	11
15-29 years	1103	1225	773	290	529	87	68	33	4108
30-44 years	792	711	435	160	256	72	58	14	2498
45-59 years	418	364	242	96	106	28	16	12	1282
60+ years	403	357	252	95	98	37	8	7	1257
Unknown	6	3	0	17	24	4	0	0	54
All ages	2725	2661	1705	658	1015	230	150	66	9210
<i>Passengers of motor vehicles other than motorcycles</i>									
0-14 years	281	195	165	66	111	27	23	1	869
15-29 years	668	565	558	216	340	71	65	14	2497
30-44 years	229	166	151	64	87	29	41	3	770
45-59 years	155	123	108	28	43	19	14	4	494
60+ years	245	166	142	38	60	12	3	4	670
Unknown	147	120	7	50	132	5	0	1	462
All ages	1725	1335	1131	462	773	163	146	27	5762
<i>Pedestrians</i>									
0-14 years	231	145	107	36	69	13	8	1	610
15-29 years	233	227	111	49	74	11	17	4	726
30-44 years	142	107	50	16	43	9	14	2	383
45-59 years	100	97	50	17	15	6	3	2	290
60+ years	246	166	68	29	35	16	2	3	565
Unknown	30	32	0	27	17	1	0	0	107
All ages	982	774	386	174	253	56	44	12	2681
<i>Riders and passengers of motorcycles</i>									
0-14 years	12	6	2	1	5	0	0	0	26
15-29 years	441	544	368	112	195	37	40	25	1762
30-44 years	174	169	166	49	80	13	25	4	680
45-59 years	47	27	32	11	23	4	5	2	151
60+ years	17	8	13	0	3	1	2	0	44
Unknown	5	4	1	9	10	2	0	0	31
All ages	696	758	582	182	316	57	72	31	2694
<i>Pedal cyclists¹</i>									
0-14 years	84	97	82	16	28	12	7	5	331
15-29 years	114	160	103	26	34	3	5	7	452
30-44 years	53	68	21	15	16	1	5	3	182
45-59 years	15	26	7	7	6	0	1	1	63
60+ years	8	15	9	7	4	0	0	1	44
Unknown	1	24	0	2	7	0	0	0	34
All ages	275	390	222	73	95	16	18	17	1106
<i>Other road users²</i>									
0-14 years	0	1	0	0	0	0	0	0	1
15-29 years	1	3	0	0	25	0	0	1	30
30-44 years	0	0	0	0	14	0	0	1	15
45-59 years	2	1	0	0	7	0	0	0	10
60+ years	0	5	0	0	3	0	0	1	9
Unknown	1	0	1	0	82	0	0	0	84
All ages	4	10	1	0	131	0	0	3	149
Total									
0-14 years	611	445	359	119	215	54	38	7	1848
15-29 years	2560	2724	1913	693	1197	209	195	84	9575
30-44 years	1390	1221	823	304	496	124	143	27	4528
45-59 years	737	638	439	159	200	57	39	21	2290
60+ years	919	717	484	169	203	66	15	16	2589
Unknown	190	183	9	105	272	12	0	1	772
All ages	6407	5928	4027	1549	2583	522	430	156	21602

¹ Includes pillion passengers

² Includes road user categories not separately specified and not stated

Table 5.3a Male fatalities and hospitalisations in 1993 by road user type and age

	Age										
	0-4	5-14	15-19	20-24	25-29	30-39	40-49	50-59	60+	Unk	Total
Fatalities											
Road user type											
Pedestrian	10	16	18	22	24	20	18	19	73	1	221
Bicyclist ¹	0	7	4	1	2	5	2	6	7	0	34
Motorcyclist ¹	0	2	27	64	38	33	18	5	1	1	189
Driver	0	0	80	118	87	118	101	49	105	0	658
Passenger	14	19	77	52	22	36	20	12	27	2	281
Other/unknown	1	0	0	1	0	2	1	0	1	0	6
Total	25	44	206	258	173	214	160	91	214	4	1389
Pedestrian	42%	36%	9%	9%	14%	9%	11%	21%	34%		16%
Bicyclist ¹	0%	16%	2%	0%	1%	2%	1%	7%	3%		2%
Motorcyclist ¹	0%	5%	13%	25%	22%	16%	11%	5%	0%		14%
Driver	0%	0%	39%	46%	50%	56%	64%	54%	49%		48%
Passenger	58%	43%	37%	20%	13%	17%	13%	13%	13%		20%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%		100%
Pedestrian	5%	7%	8%	10%	11%	9%	8%	9%	33%		100%
Bicyclist ¹	0%	21%	12%	3%	6%	15%	6%	18%	21%		100%
Motorcyclist ¹	0%	1%	14%	34%	20%	18%	10%	3%	1%		100%
Driver	0%	0%	12%	18%	13%	18%	15%	7%	16%		100%
Passenger	5%	7%	28%	19%	8%	13%	7%	4%	10%		100%
Total	2%	3%	15%	19%	13%	15%	12%	7%	15%		100%
Hospitalisations											
Road user type											
Pedestrian	82	321	155	185	127	179	146	109	283	58	1645
Bicyclist ¹	8	265	164	118	84	130	45	40	37	28	919
Motorcyclist ¹	1	22	404	715	487	515	185	58	42	24	2453
Driver	1	5	709	1073	680	1041	720	417	770	33	5449
Passenger	110	306	562	511	245	279	142	89	152	205	2601
Other/unknown	0	0	6	15	5	8	9	3	6	2	54
Total	202	919	2000	2617	1628	2152	1247	716	1290	350	13121
Pedestrian	41%	35%	8%	7%	8%	8%	12%	15%	22%		12%
Bicyclist ¹	4%	29%	8%	5%	5%	6%	4%	6%	3%		7%
Motorcyclist ¹	0%	2%	20%	27%	30%	24%	15%	8%	3%		19%
Driver	0%	1%	36%	41%	42%	49%	58%	58%	60%		43%
Passenger	54%	33%	28%	20%	15%	13%	11%	12%	12%		19%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%		100%
Pedestrian	5%	20%	10%	12%	8%	11%	9%	7%	18%		100%
Bicyclist ¹	1%	30%	18%	13%	9%	15%	5%	4%	4%		100%
Motorcyclist ¹	0%	1%	17%	29%	20%	21%	8%	2%	2%		100%
Driver	0%	0%	13%	20%	13%	19%	13%	8%	14%		100%
Passenger	5%	13%	23%	21%	10%	12%	6%	4%	6%		100%
Total	2%	7%	16%	20%	13%	17%	10%	6%	10%		100%

¹ Includes pillion passengers

Table 5.3b Female fatalities and hospitalisations in 1993 by road user type and age

	Age										
	0-4	5-14	15-19	20-24	25-29	30-39	40-49	50-59	60+	Unk	Total
Fatalities											
Road user type											
Pedestrian	4	14	7	9	2	12	4	7	50	0	109
Bicyclist ¹	0	4	1	0	1	3	1	1	0	1	12
Motorcyclist ¹	0	0	2	4	0	8	0	0	0	0	14
Driver	0	0	22	26	15	52	26	10	42	0	193
Passenger	14	24	32	30	14	27	24	12	51	3	231
Other/unknown	0	0	0	0	2	0	0	0	0	0	2
Total	18	42	64	69	34	102	55	30	143	4	561
Pedestrian	22%	33%	11%	13%	6%	12%	7%	23%	35%		20%
Bicyclist ¹	0%	10%	2%	0%	3%	3%	2%	3%	0%		2%
Motorcyclist ¹	0%	0%	3%	6%	0%	8%	0%	0%	0%		3%
Driver	0%	0%	34%	38%	47%	51%	47%	33%	29%		35%
Passenger	78%	57%	50%	43%	44%	26%	44%	40%	36%		41%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%		100%
Pedestrian	4%	13%	6%	8%	2%	11%	4%	6%	46%		100%
Bicyclist ¹	0%	36%	9%	0%	9%	27%	9%	9%	0%		100%
Motorcyclist ¹	0%	0%	14%	29%	0%	57%	0%	0%	0%		100%
Driver	0%	0%	11%	13%	8%	27%	13%	5%	22%		100%
Passenger	6%	11%	14%	13%	6%	12%	11%	5%	22%		100%
Total	3%	8%	12%	12%	6%	18%	10%	5%	26%		100%
Hospitalisations											
Road user type											
Pedestrian	30	176	118	78	63	96	73	69	281	47	1031
Bicyclist ¹	0	58	28	39	19	21	6	3	7	6	187
Motorcyclist ¹	0	3	45	64	47	45	24	4	2	7	241
Driver	0	5	478	718	450	742	562	298	487	20	3760
Passenger	118	335	554	421	203	286	245	223	518	254	3157
Other/unknown	0	1	3	1	0	2	1	2	3	3	16
Total	148	578	1226	1321	782	1192	911	599	1298	337	8392
Pedestrian	20%	31%	10%	6%	8%	8%	8%	12%	22%		12%
Bicyclist ¹	0%	10%	2%	3%	2%	2%	1%	1%	1%		2%
Motorcyclist ¹	0%	1%	4%	5%	6%	4%	3%	1%	0%		3%
Driver	0%	1%	39%	54%	58%	62%	62%	50%	38%		47%
Passenger	80%	58%	45%	32%	26%	24%	27%	37%	40%		36%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%		100%
Pedestrian	3%	18%	12%	8%	6%	10%	7%	7%	29%		100%
Bicyclist ¹	0%	32%	15%	22%	10%	12%	3%	2%	4%		100%
Motorcyclist ¹	0%	1%	19%	27%	20%	19%	10%	2%	1%		100%
Driver	0%	0%	13%	19%	12%	20%	15%	8%	13%		100%
Passenger	4%	12%	19%	15%	7%	10%	8%	8%	18%		100%
Total	2%	7%	15%	16%	10%	15%	11%	7%	16%		100%

¹ Includes pillion passengers

Tables 5.4a Fatalities in 1993 by age, time of day and day of week

Fatalities	Mon	Tue	Wed	Thur	Fri	Sat	Sun	Total
<i>0-14 years of age</i>								
Midnight to 5:59 am	4	2	2	1	0	0	1	10
6:00 am to 11:59 am	4	1	8	4	3	6	8	34
Noon to 5:59 pm	11	6	7	6	6	11	18	65
6:00 pm to 11:59 pm	0	3	6	4	4	2	0	19
Unknown	1	0	0	0	0	0	0	1
Total Persons	20	12	23	15	13	19	27	129
<i>15-29 years of age</i>								
Midnight to 5:59 am	14	10	11	14	31	71	70	221
6:00 am to 11:59 am	15	13	22	12	17	22	23	124
Noon to 5:59 pm	10	26	29	24	31	35	36	191
6:00 pm to 11:59 pm	30	17	29	35	60	61	29	261
Unknown	0	0	0	1	0	5	1	7
Total Persons	69	66	91	86	139	194	159	804
<i>30-44 years of age</i>								
Midnight to 5:59 am	7	16	7	7	14	20	13	84
6:00 am to 11:59 am	9	20	14	14	20	10	13	100
Noon to 5:59 pm	9	11	13	19	16	19	16	103
6:00 pm to 11:59 pm	8	12	27	24	28	21	15	135
Unknown	1	1	0	1	0	1	0	4
Total Persons	34	60	61	65	78	71	57	426
<i>45-59 years of age</i>								
Midnight to 5:59 am	1	2	2	4	5	3	3	20
6:00 am to 11:59 am	8	13	8	6	11	8	5	59
Noon to 5:59 pm	9	12	8	14	11	14	9	77
6:00 pm to 11:59 pm	9	6	10	11	17	6	10	69
Unknown	1	0	0	0	0	0	0	1
Total Persons	28	33	28	35	44	31	27	226
<i>60 years of age and over</i>								
Midnight to 5:59 am	0	0	0	1	1	0	3	5
6:00 am to 11:59 am	17	23	19	21	22	13	6	121
Noon to 5:59 pm	20	29	27	26	27	20	20	169
6:00 pm to 11:59 pm	4	9	4	14	18	11	1	61
Unknown	0	0	0	1	0	0	0	1
Total Persons	41	61	50	63	68	44	30	357
<i>Age unknown</i>								
Midnight to 5:59 am	1	0	0	0	0	0	0	1
6:00 am to 11:59 am	1	0	0	1	0	2	0	4
Noon to 5:59 pm	0	0	1	0	0	2	1	4
6:00 pm to 11:59 pm	0	0	2	0	0	0	0	2
Total Persons	2	0	3	1	0	4	1	11
Total								
Midnight to 5:59 am	27	30	22	27	51	94	90	341
6:00 am to 11:59 am	54	70	71	58	73	61	55	442
Noon to 5:59 pm	59	84	85	89	91	101	100	609
6:00 pm to 11:59 pm	51	47	78	88	127	101	55	547
Unknown	3	1	0	3	0	6	1	14
Total Persons	194	232	256	265	342	363	301	1953

Tables 5.4b Hospitalisations in 1993 by age, time of day and day of week

Hospitalisations	Mon	Tue	Wed	Thur	Fri	Sat	Sun	Total
<i>0-14 years of age</i>								
Midnight to 5:59 am	7	9	4	6	10	26	16	78
6:00 am to 11:59 am	58	57	49	55	70	91	50	430
Noon to 5:59 pm	137	122	144	147	152	155	143	1000
6:00 pm to 11:59 pm	30	37	42	52	81	56	36	334
Unknown	1	1	0	1	1	1	1	6
Total Persons	233	226	239	261	314	329	246	1848
<i>15-29 years of age</i>								
Midnight to 5:59 am	114	101	86	134	239	470	447	1591
6:00 am to 11:59 am	271	219	284	237	278	271	269	1829
Noon to 5:59 pm	406	388	379	443	496	519	540	3171
6:00 pm to 11:59 pm	277	283	342	403	640	555	401	2901
Unknown	13	5	7	15	18	13	12	83
Total Persons	1081	996	1098	1232	1671	1828	1669	9575
<i>30-44 years of age</i>								
Midnight to 5:59 am	43	38	44	46	88	132	113	504
6:00 am to 11:59 am	164	139	161	165	185	159	133	1106
Noon to 5:59 pm	221	212	225	243	258	262	254	1675
6:00 pm to 11:59 pm	135	157	164	194	247	175	131	1203
Unknown	7	3	7	6	5	8	4	40
Total Persons	570	549	601	654	783	736	635	4528
<i>45-59 years of age</i>								
Midnight to 5:59 am	25	13	11	21	24	36	34	164
6:00 am to 11:59 am	86	99	96	105	98	109	83	676
Noon to 5:59 pm	127	138	159	138	150	129	117	958
6:00 pm to 11:59 pm	51	68	57	74	97	72	65	484
Unknown	0	0	0	1	4	1	2	8
Total Persons	289	318	323	339	373	347	301	2290
<i>60 years of age and over</i>								
Midnight to 5:59 am	9	2	6	4	9	13	4	47
6:00 am to 11:59 am	129	122	129	146	141	103	79	849
Noon to 5:59 pm	185	173	196	223	210	163	175	1325
6:00 pm to 11:59 pm	37	48	52	57	56	61	46	357
Unknown	1	3	2	2	1	0	1	10
Total Persons	361	348	385	432	417	340	305	2588
<i>Age unknown</i>								
Hour								
Midnight to 5:59 am	9	9	3	15	11	15	25	87
6:00 am to 11:59 am	9	25	26	24	24	21	18	147
Noon to 5:59 pm	42	37	42	34	41	55	60	311
6:00 pm to 11:59 pm	24	21	23	30	50	44	27	219
Unknown	1	3	0	0	0	2	3	9
Total Persons	85	95	94	103	126	137	133	773
<i>Total</i>								
Midnight to 5:59 am	207	172	154	226	381	692	639	2471
6:00 am to 11:59 am	717	661	745	732	796	754	632	5037
Noon to 5:59 pm	1118	1070	1145	1228	1307	1283	1289	8440
6:00 pm to 11:59 pm	554	614	680	810	1171	963	706	5498
Unknown	23	15	16	25	29	25	23	156
Total Persons	2619	2532	2740	3021	3684	3717	3289	21602

Table 5.5 Fatalities and hospitalisations in 1993 among pedestrians, drivers, bicyclists and motorcyclists (excluding pillion passengers) by BAC

	BAC of pedestrian/driver/rider								
	A	B	C	D	E	F	G	H	I
Fatalities									
<i>Road user type</i>									
Pedestrian	137	7	1	18	13	15	19	120	330
Bicyclist	25	0	0	0	0	0	0	21	46
Motorcyclist	89	8	2	13	16	10	2	47	187
Driver	442	30	19	47	43	54	34	182	851
Total	693	45	22	78	72	79	55	370	1414
Pedestrian	20%	16%	5%	23%	18%	19%	35%		20%
Bicyclist	4%	0%	0%	0%	0%	0%	0%		2%
Motorcyclist	13%	18%	9%	17%	22%	13%	4%		13%
Driver	64%	67%	86%	60%	60%	68%	62%		64%
Total	100%	100%	100%	100%	100%	100%	100%		100%
Pedestrian	65%	3%	0%	9%	6%	7%	9%		100%
Bicyclist	100%	0%	0%	0%	0%	0%	0%		100%
Motorcyclist	64%	6%	1%	9%	11%	7%	1%		100%
Driver	66%	4%	3%	7%	6%	8%	5%		100%
Total	66%	4%	2%	7%	7%	8%	5%		100%
Hospitalisations									
<i>Road user type</i>									
Pedestrian	494	20	9	42	46	49	52	1969	2681
Bicyclist	228	7	5	8	7	6	5	831	1097
Motorcyclist	1002	59	30	87	53	27	13	1182	2453
Driver	3994	205	117	446	340	204	106	3798	9210
Total	5718	291	161	583	446	286	176	7780	15441
Pedestrian	9%	7%	6%	7%	10%	17%	30%		9%
Bicyclist	4%	2%	3%	1%	2%	2%	3%		3%
Motorcyclist	18%	20%	19%	15%	12%	9%	7%		17%
Driver	70%	70%	73%	77%	76%	71%	60%		71%
Total	100%	100%	100%	100%	100%	100%	100%		100%
Pedestrian	69%	3%	1%	6%	6%	7%	7%		100%
Bicyclist	86%	3%	2%	3%	3%	2%	2%		100%
Motorcyclist	79%	5%	2%	7%	4%	2%	1%		100%
Driver	74%	4%	2%	8%	6%	4%	2%		100%
Total	75%	4%	2%	8%	6%	4%	2%		100%

- A** Blood alcohol concentration 0 gm/100ml
- B** Blood alcohol concentration from 0.001 to 0.049 gm/100ml
- C** Blood alcohol concentration from 0.050 to 0.080 gm/100ml
- D** Blood alcohol concentration from 0.081 to 0.150 gm/100ml
- E** Blood alcohol concentration from 0.151 to 0.200 gm/100ml
- F** Blood alcohol concentration from 0.201 to 0.250 gm/100ml
- G** Blood alcohol concentration greater than 0.250 gm/100ml
- H** Blood alcohol concentration unknown
- I** Total number across road user type

Table 5.6 Fatalities and hospitalisations in 1993 among vehicle occupants¹ by seat belt use and age

	Age						
	0-14	15-29	30-44	45-59	60+	Unknown	Total
Fatalities							
Seat belt use							
Seat belt worn	25	236	133	72	145	2	613
Not worn	18	136	79	40	25	0	298
Unknown	28	202	107	54	55	3	449
Total	71	574	319	166	225	5	1360
Seat belt worn	58%	63%	63%	64%	85%		67%
Not worn	42%	37%	37%	36%	15%		33%
Total	100%	100%	100%	100%	100%		100%
Seat belt worn	4%	39%	22%	12%	24%		100%
Not worn	6%	46%	27%	13%	8%		100%
Total	5%	41%	23%	12%	19%		100%
Hospitalisations							
Seat belt use							
Seat belt worn	565	4402	2302	1327	1554	275	10425
Not worn	88	501	215	91	50	43	988
Unknown	225	1690	735	352	320	195	3517
Total	878	6593	3252	1770	1924	513	14930
Seat belt worn	87%	90%	91%	94%	97%		91%
Not worn	13%	10%	9%	6%	3%		9%
Total	100%	100%	100%	100%	100%		100%
Seat belt worn	6%	43%	23%	13%	15%		100%
Not worn	9%	53%	23%	10%	5%		100%
Total	6%	44%	23%	13%	14%		100%

¹ Excludes a small number of drivers and passengers for whom seat belt use was not applicable

Table 5.7 Fatalities and hospitalisations in 1993 among vehicle occupants¹ by vehicle type and seat belt use

	Seat belt use			
	Worn	Not worn	Unknown	Total
Fatalities				
Occupant of vehicle				
Car occupant	33	245	15	293
Bus occupant	0	1	0	1
Rigid truck occupant	1	31	1	33
Art. truck occupant	0	17	0	17
Other	0	4	0	4
Total	34	298	16	348
Car occupant	97%	82%		84%
Bus occupant	0%	0%		0%
Rigid truck occupant	3%	10%		10%
Art. truck occupant	0%	6%		5%
Other	0%	1%		1%
Total	100%	100%		100%
Car occupant	12%	88%		100%
Bus occupant	0%	100%		100%
Rigid truck occupant	3%	97%		100%
Art. truck occupant	0%	100%		100%
Other	0%	100%		100%
Total	10%	90%		100%
Hospitalisations				
Occupant of vehicle				
Car occupant	235	795	79	1109
Bus occupant	0	18	2	20
Rigid truck occupant	6	90	1	97
Art. truck occupant	1	74	1	76
Other	0	10	0	10
Total	242	987	83	1312
Car occupant	97%	81%		84%
Bus occupant	0%	2%		1%
Rigid truck occupant	2%	9%		8%
Art. truck occupant	0%	7%		6%
Other	0%	1%		1%
Total	100%	100%		100%
Car occupant	23%	77%		100%
Bus occupant	0%	100%		100%
Rigid truck occupant	6%	94%		100%
Art. truck occupant	1%	99%		100%
Other	0%	100%		100%
Total	20%	80%		100%

¹ Occupants of vehicles with at least one occupant not restrained

Table 5.8 Fatalities and hospitalisations in 1993 among motor cycle riders and passengers by *helmet use and age*

	Age						
	0-14	15-29	30-44	45-59	60+	Unknown	Total
Fatalities							
<i>Helmet use</i>							
Helmet worn	2	96	31	12	1	0	142
Not worn	0	15	4	0	0	0	19
Unknown	0	24	14	3	0	1	42
Total	2	135	49	15	1	1	203
Helmet worn	100%	86%	89%	100%	100%		88%
Not worn	0%	14%	11%	0%	0%		12%
Total	100%	100%	100%	100%	100%		100%
Helmet worn	1%	68%	22%	8%	1%		100%
Not worn	0%	79%	21%	0%	0%		100%
Total	1%	69%	22%	7%	1%		100%
Hospitalisations							
<i>Helmet use</i>							
Helmet worn	13	1379	536	120	40	11	2099
Not worn	6	69	13	2	2	3	95
Unknown	7	314	131	29	2	17	500
Total	26	1762	680	151	44	31	2694
Helmet worn	68%	95%	98%	98%	95%		96%
Not worn	32%	5%	2%	2%	5%		4%
Total	100%	100%	100%	100%	100%		100%
Helmet worn	1%	66%	26%	6%	2%		100%
Not worn	7%	75%	14%	2%	2%		100%
Total	1%	66%	25%	6%	2%		100%

Table 5.9a Fatal crashes in 1993 by day of week and BAC (maximum of all drivers or riders involved in crash)

	Day of week							
	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	Total
Fatal crashes								
Maximum BAC								
Not tested	22	19	28	21	22	32	19	163
0	85	102	105	124	139	111	89	755
.001-.049	9	11	16	17	20	16	21	110
.050-.080	1	5	2	5	12	9	7	41
.081-.150	5	9	17	10	13	36	17	107
.151-.200	3	6	6	15	20	19	21	90
.201-.250	5	8	7	4	16	19	18	77
>.25	6	1	4	6	8	9	10	44
Refused test	0	0	0	1	0	0	1	2
Unknown ¹	40	39	44	39	56	68	61	347
Total	176	200	229	242	306	319	264	1736
Not tested	16%	12%	15%	10%	9%	13%	9%	12%
0	63%	63%	57%	61%	56%	44%	44%	54%
.001-.049	7%	7%	9%	8%	8%	6%	10%	8%
.050-.080	1%	3%	1%	2%	5%	4%	3%	3%
.081-.150	4%	6%	9%	5%	5%	14%	8%	8%
.151-.200	2%	4%	3%	7%	8%	8%	10%	6%
.201-.250	4%	5%	4%	2%	6%	8%	9%	6%
>.25	4%	1%	2%	3%	3%	4%	5%	3%
Refused test	0%	0%	0%	0%	0%	0%	0%	0%
Total	100%	100%	100%	100%	100%	100%	100%	100%
Not tested	13%	12%	17%	13%	13%	20%	12%	100%
0	11%	14%	14%	16%	18%	15%	12%	100%
.001-.049	8%	10%	15%	15%	18%	15%	19%	100%
.050-.080	2%	12%	5%	12%	29%	22%	17%	100%
.081-.150	5%	8%	16%	9%	12%	34%	16%	100%
.151-.200	3%	7%	7%	17%	22%	21%	23%	100%
.201-.250	6%	10%	9%	5%	21%	25%	23%	100%
>.25	14%	2%	9%	14%	18%	20%	23%	100%
Refused test	0%	0%	0%	50%	0%	0%	50%	100%
Total	10%	12%	13%	15%	18%	18%	15%	100%

¹ At least one driver or rider BAC unknown

Table 5.9b Serious injury crashes in 1993 by *day of week* and *BAC* (maximum of all drivers or riders involved in crash)

	Day of week							
	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	Total
Serious injury crashes								
Maximum BAC								
Not tested	443	500	488	542	662	549	487	3671
0	953	899	982	1024	1136	1000	940	6934
.001-.049	22	21	37	32	54	57	57	280
.050-.080	15	17	13	26	48	46	44	209
.081-.150	58	59	58	95	114	194	158	736
.151-.200	33	40	33	62	88	128	114	498
.201-.250	20	21	32	29	46	69	56	273
>.25	9	6	16	14	21	45	24	135
Refused test	1	4	1	0	2	2	4	14
Unknown ¹	586	549	599	659	737	738	568	4436
Total	2140	2116	2259	2483	2908	2828	2452	17186
Not tested	29%	32%	29%	30%	30%	26%	26%	29%
0	61%	57%	59%	56%	52%	48%	50%	54%
.001-.049	1%	1%	2%	2%	2%	3%	3%	2%
.050-.080	1%	1%	1%	1%	2%	2%	2%	2%
.081-.150	4%	4%	3%	5%	5%	9%	8%	6%
.151-.200	2%	3%	2%	3%	4%	6%	6%	4%
.201-.250	1%	1%	2%	2%	2%	3%	3%	2%
>.25	1%	0%	1%	1%	1%	2%	1%	1%
Refused test	0%	0%	0%	0%	0%	0%	0%	0%
Total	100%	100%	100%	100%	100%	100%	100%	100%
Not tested	12%	14%	13%	15%	18%	15%	13%	100%
0	14%	13%	14%	15%	16%	14%	14%	100%
.001-.049	8%	8%	13%	11%	19%	20%	20%	100%
.050-.080	7%	8%	6%	12%	23%	22%	21%	100%
.081-.150	8%	8%	8%	13%	15%	26%	21%	100%
.151-.200	7%	8%	7%	12%	18%	26%	23%	100%
.201-.250	7%	8%	12%	11%	17%	25%	21%	100%
>.25	7%	4%	12%	10%	16%	33%	18%	100%
Refused test	7%	29%	7%	0%	14%	14%	29%	100%
Total	12%	12%	13%	14%	17%	16%	15%	100%

¹ At least one driver or rider BAC unknown

Table 5.10a Fatal crashes involving pedestrians in 1993 by *day of week* and *BAC* (maximum of all pedestrians in crash)

	Day of week							
	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	Total
Fatal crashes								
Maximum BAC								
Not tested	7	5	3	5	6	3	5	34
0	18	15	24	20	29	18	7	131
.001-.049	0	0	2	0	3	2	0	7
.050-.080	0	0	0	0	0	1	0	1
.081-.150	2	2	0	3	3	4	2	16
.151-.200	0	1	3	2	3	2	2	13
.201-.250	2	1	0	2	2	6	2	15
>.25	1	4	2	3	5	3	1	19
Unknown ¹	9	14	16	18	12	14	9	92
Total	39	42	50	53	63	53	28	328
Not tested	23%	18%	9%	14%	12%	8%	26%	14%
0	60%	54%	71%	57%	57%	46%	37%	56%
.001-.049	0%	0%	6%	0%	6%	5%	0%	3%
.050-.080	0%	0%	0%	0%	0%	3%	0%	0%
.081-.150	7%	7%	0%	9%	6%	10%	11%	7%
.151-.200	0%	4%	9%	6%	6%	5%	11%	6%
.201-.250	7%	4%	0%	6%	4%	15%	11%	6%
>.25	3%	14%	6%	9%	10%	8%	5%	8%
Total	100%	100%	100%	100%	100%	100%	100%	100%
Not tested	21%	15%	9%	15%	18%	9%	15%	100%
0	14%	11%	18%	15%	22%	14%	5%	100%
.001-.049	0%	0%	29%	0%	43%	29%	0%	100%
.050-.080	0%	0%	0%	0%	0%	100%	0%	100%
.081-.150	13%	13%	0%	19%	19%	25%	13%	100%
.151-.200	0%	8%	23%	15%	23%	15%	15%	100%
.201-.250	13%	7%	0%	13%	13%	40%	13%	100%
>.25	5%	21%	11%	16%	26%	16%	5%	100%
Total	13%	12%	14%	15%	22%	17%	8%	100%

¹ At least one pedestrian BAC unknown

Table 5.10b Serious injury crashes involving pedestrians in 1993 by *day of week* and *BAC* (maximum of all pedestrians in crash)

	Day of week							
	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	Total
Serious injury crashes								
Maximum BAC								
Not tested	73	86	74	92	126	111	69	631
0	54	79	73	93	103	46	33	481
.001-.049	4	3	2	2	3	4	2	20
.050-.080	0	0	0	0	3	2	4	9
.081-.150	2	7	1	5	12	8	7	42
.151-.200	5	3	5	9	9	8	7	46
.201-.250	3	3	5	6	13	14	5	49
>.25	5	7	7	7	9	9	7	51
Refused test	0	0	0	1	0	0	0	1
Unknown ¹	167	172	209	217	248	174	122	1309
Total	313	360	376	432	526	376	256	2639
Percentages								
Not tested	50%	46%	44%	43%	45%	55%	51%	47%
0	37%	42%	44%	43%	37%	23%	25%	36%
.001-.049	3%	2%	1%	1%	1%	2%	1%	2%
.050-.080	0%	0%	0%	0%	1%	1%	3%	1%
.081-.150	1%	4%	1%	2%	4%	4%	5%	3%
.151-.200	3%	2%	3%	4%	3%	4%	5%	3%
.201-.250	2%	2%	3%	3%	5%	7%	4%	4%
>.25	3%	4%	4%	3%	3%	4%	5%	4%
Refused test	0%	0%	0%	0%	0%	0%	0%	0%
Total	100%	100%	100%	100%	100%	100%	100%	100%
Percentages of total								
Not tested	12%	14%	12%	15%	20%	18%	11%	100%
0	11%	16%	15%	19%	21%	10%	7%	100%
.001-.049	20%	15%	10%	10%	15%	20%	10%	100%
.050-.080	0%	0%	0%	0%	33%	22%	44%	100%
.081-.150	5%	17%	2%	12%	29%	19%	17%	100%
.151-.200	11%	7%	11%	20%	20%	17%	15%	100%
.201-.250	6%	6%	10%	12%	27%	29%	10%	100%
>.25	10%	14%	14%	14%	18%	18%	14%	100%
Refused test	0%	0%	0%	100%	0%	0%	0%	100%
Total	11%	14%	13%	16%	21%	15%	10%	100%

¹ At least one pedestrian BAC unknown

Table 5.11a Fatal crashes in 1993 by *time of day* and *BAC* (maximum of all drivers and riders in crash)

Fatal crashes	Hour of day								Total
	6-8	9-11	12-14	15-17	18-20	21-23	0-2	3-5	
<i>Maximum BAC</i>									
Not tested	19	20	24	33	22	16	16	13	163
0	97	130	126	147	84	75	44	44	755
.001-.049	9	10	13	27	26	12	8	5	110
.050-.080	2	1	3	4	13	7	8	2	41
.081-.150	9	4	6	13	18	25	25	6	107
.151-.200	5	2	1	8	19	21	19	14	90
.201-.250	5	1	3	7	12	21	20	8	77
>.25	1	0	5	9	6	12	8	3	44
Refused test	0	0	0	0	0	1	0	1	2
Unknown ¹	32	48	41	74	57	38	33	23	347
Total	179	216	222	322	257	228	181	119	1736
Not tested	13%	12%	13%	13%	11%	8%	11%	14%	12%
0	66%	77%	70%	59%	42%	39%	30%	46%	54%
.001-.049	6%	6%	7%	11%	13%	6%	5%	5%	8%
.050-.080	1%	1%	2%	2%	7%	4%	5%	2%	3%
.081-.150	6%	2%	3%	5%	9%	13%	17%	6%	8%
.151-.200	3%	1%	1%	3%	10%	11%	13%	15%	6%
.201-.250	3%	1%	2%	3%	6%	11%	14%	8%	6%
>.25	1%	0%	3%	4%	3%	6%	5%	3%	3%
Refused test	0%	0%	0%	0%	0%	1%	0%	1%	0%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%
Not tested	12%	12%	15%	20%	13%	10%	10%	8%	100%
0	13%	17%	17%	20%	11%	10%	6%	6%	100%
.001-.049	8%	9%	12%	25%	24%	11%	7%	5%	100%
.050-.080	5%	3%	8%	10%	33%	18%	20%	5%	100%
.081-.150	8%	4%	6%	12%	17%	24%	24%	6%	100%
.151-.200	6%	2%	1%	9%	21%	24%	21%	16%	100%
.201-.250	6%	1%	4%	9%	16%	27%	26%	10%	100%
>.25	2%	0%	11%	20%	14%	27%	18%	7%	100%
Refused test	0%	0%	0%	0%	0%	50%	0%	50%	100%
Total	11%	12%	13%	18%	15%	14%	11%	7%	100%

¹ At least one driver or rider BAC unknown

Table 5.11b Serious injury crashes in 1993 by *time of day* and *BAC* (maximum of all drivers and riders in crash)

	Hour of day									
	6-8	9-11	12-14	15-17	18-20	21-23	0-2	3-5	Unk	Total
Serious injury crashes										
Maximum BAC										
Not tested	436	556	629	915	453	280	198	154	50	3671
0	800	1086	1225	1700	1008	529	289	243	54	6934
.001-.049	22	13	27	60	57	41	36	24	0	280
.050-.080	5	6	6	29	41	43	49	30	0	209
.081-.150	30	15	28	96	152	153	170	83	9	736
.151-.200	27	4	11	49	96	135	118	54	4	498
.201-.250	7	2	10	31	63	66	63	29	2	273
>.25	6	6	13	19	35	40	12	4	0	135
Refused test	0	0	0	2	2	5	3	2	0	14
Unknown ¹	469	606	772	1139	735	399	206	102	8	4436
Total	1802	2294	2721	4040	2642	1691	1144	725	127	17186
Not tested	33%	33%	32%	32%	24%	22%	21%	25%		29%
0	60%	64%	63%	59%	53%	41%	31%	39%		54%
.001-.049	2%	1%	1%	2%	3%	3%	4%	4%		2%
.050-.080	0%	0%	0%	1%	2%	3%	5%	5%		2%
.081-.150	2%	1%	1%	3%	8%	12%	18%	13%		6%
.151-.200	2%	0%	1%	2%	5%	10%	13%	9%		4%
.201-.250	1%	0%	1%	1%	3%	5%	7%	5%		2%
>.25	0%	0%	1%	1%	2%	3%	1%	1%		1%
Refused test	0%	0%	0%	0%	0%	0%	0%	0%		0%
Total	100%	100%	100%	100%	100%	100%	100%	100%		100%
Not tested	12%	15%	17%	25%	13%	8%	5%	4%		100%
0	12%	16%	18%	25%	15%	8%	4%	4%		100%
.001-.049	8%	5%	10%	21%	20%	15%	13%	9%		100%
.050-.080	2%	3%	3%	14%	20%	21%	23%	14%		100%
.081-.150	4%	2%	4%	13%	21%	21%	23%	11%		100%
.151-.200	5%	1%	2%	10%	19%	27%	24%	11%		100%
.201-.250	3%	1%	4%	11%	23%	24%	23%	11%		100%
>.25	4%	4%	10%	14%	26%	30%	9%	3%		100%
Refused test	0%	0%	0%	14%	14%	36%	21%	14%		100%
Total	11%	13%	15%	23%	15%	10%	7%	5%		100%

¹ At least one driver or rider BAC unknown

Table 5.12a Fatal crashes involving pedestrians in 1993 by *time of day* and *BAC* (maximum of pedestrians in crash)

Fatal crashes	Hour of day							Unk	Total	
	6-8	9-11	12-14	15-17	18-20	21-23	0-2			3-5
Maximum BAC										
Not tested	2	3	5	9	5	6	1	3	0	34
0	20	16	17	25	26	16	7	3	1	131
.001-.049	0	0	0	0	5	2	0	0	0	7
.050-.080	0	0	0	0	1	0	0	0	0	1
.081-.150	0	0	2	0	5	4	2	3	0	16
.151-.200	0	1	0	2	4	0	4	2	0	13
.201-.250	0	0	1	2	7	3	2	0	0	15
>.25	0	0	1	3	6	4	4	1	0	19
Unknown ¹	6	19	9	19	15	12	6	6	0	92
Total	28	39	35	60	74	47	26	18	1	328
Not tested	9%	15%	19%	22%	8%	17%	5%	25%		14%
0	91%	80%	65%	61%	44%	46%	35%	25%		55%
.001-.049	0%	0%	0%	0%	8%	6%	0%	0%		3%
.050-.080	0%	0%	0%	0%	2%	0%	0%	0%		0%
.081-.150	0%	0%	8%	0%	8%	11%	10%	25%		7%
.151-.200	0%	5%	0%	5%	7%	0%	20%	17%		6%
.201-.250	0%	0%	4%	5%	12%	9%	10%	0%		6%
>.25	0%	0%	4%	7%	10%	11%	20%	8%		8%
Total	100%	100%	100%	100%	100%	100%	100%	100%		100%
Not tested	6%	9%	15%	26%	15%	18%	3%	9%		100%
0	15%	12%	13%	19%	20%	12%	5%	2%		100%
.001-.049	0%	0%	0%	0%	71%	29%	0%	0%		100%
.050-.080	0%	0%	0%	0%	100%	0%	0%	0%		100%
.081-.150	0%	0%	13%	0%	31%	25%	13%	19%		100%
.151-.200	0%	8%	0%	15%	31%	0%	31%	15%		100%
.201-.250	0%	0%	7%	13%	47%	20%	13%	0%		100%
>.25	0%	0%	5%	16%	32%	21%	21%	5%		100%
Total	9%	9%	11%	17%	25%	15%	9%	5%		100%

¹ At least one pedestrian BAC unknown

Table 5.12b Serious injury crashes involving pedestrians in 1993 by *time of day* and *BAC* (maximum of pedestrians in crash)

Serious injury crashes	Hour of day							Unk	Total	
	6-8	9-11	12-14	15-17	18-20	21-23	0-2			3-5
Maximum BAC										
Not tested	54	74	83	172	109	67	49	17	6	631
0	55	81	85	124	81	31	11	8	5	481
.001-.049	1	1	4	4	3	6	1	0	0	20
.050-.080	0	0	2	1	3	1	1	1	0	9
.081-.150	0	0	2	4	10	11	7	6	2	42
.151-.200	0	0	1	5	15	13	8	4	0	46
.201-.250	0	2	0	4	15	16	8	4	0	49
>.25	1	0	2	5	22	11	7	2	1	51
Refused test	0	0	0	0	1	0	0	0	0	1
Unknown ¹	120	158	205	427	204	115	58	19	3	1309
Total	231	316	384	746	463	271	150	61	17	2639
Not tested	0	0	0	1	0	0	1	0		0
0	1	1	0	0	0	0	0	0		0
.001-.049	1%	1%	2%	1%	1%	4%	1%	0%		2%
.050-.080	0%	0%	1%	0%	1%	1%	1%	2%		1%
.081-.150	0%	0%	1%	1%	4%	7%	8%	14%		3%
.151-.200	0%	0%	1%	2%	6%	8%	9%	10%		3%
.201-.250	0%	1%	0%	1%	6%	10%	9%	10%		4%
>.25	1%	0%	1%	2%	8%	7%	8%	5%		4%
Refused test	0%	0%	0%	0%	0%	0%	0%	0%		0%
Total	100%	100%	100%	100%	100%	100%	100%	100%		100%
Not tested	9%	12%	13%	28%	17%	11%	8%	3%		100%
0	12%	17%	18%	26%	17%	7%	2%	2%		100%
.001-.049	5%	5%	20%	20%	15%	30%	5%	0%		100%
.050-.080	0%	0%	22%	11%	33%	11%	11%	11%		100%
.081-.150	0%	0%	5%	10%	25%	28%	18%	15%		100%
.151-.200	0%	0%	2%	11%	33%	28%	17%	9%		100%
.201-.250	0%	4%	0%	8%	31%	33%	16%	8%		100%
>.25	2%	0%	4%	10%	44%	22%	14%	4%		100%
Refused test	0%	0%	0%	0%	100%	0%	0%	0%		100%
Total	8%	12%	14%	24%	20%	12%	7%	3%		100%

¹ At least one pedestrian BAC unknown

Table 5.13a Fatal crashes in 1993 by accident type and BAC (maximum of all drivers and riders in crash)

Fatal crashes	Maximum BAC										
	A	B	C	D	E	F	G	H	I	J ¹	K
<i>Type of crash</i>											
Head on	20	140	32	9	15	8	14	7	0	37	282
Rear end	1	30	2	1	3	1	0	0	0	13	51
Angular	18	152	30	5	12	9	1	1	0	66	294
Struck pedestrian	43	129	6	4	4	4	2	0	0	123	315
Struck animal	0	11	2	0	3	1	0	0	0	0	17
Struck object	47	181	31	15	46	42	40	23	1	57	483
Overtaken	19	83	5	5	18	17	17	8	0	18	190
Struck parked	2	9	2	1	1	3	0	2	1	5	26
Other/unknown	13	20	0	1	5	5	3	3	0	28	78
Total	163	755	110	41	107	90	77	44	2	347	1736
Head on	13%	19%	29%	23%	15%	9%	19%	17%	0%		18%
Rear end	1%	4%	2%	3%	3%	1%	0%	0%	0%		3%
Angular	12%	21%	27%	13%	12%	11%	1%	2%	0%		17%
Struck pedestrian	29%	18%	5%	10%	4%	5%	3%	0%	0%		14%
Struck animal	0%	1%	2%	0%	3%	1%	0%	0%	0%		1%
Struck object	31%	25%	28%	38%	45%	49%	54%	56%	50%		32%
Overtaken	13%	11%	5%	13%	18%	20%	23%	20%	0%		13%
Struck parked	1%	1%	2%	3%	1%	4%	0%	5%	50%		2%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%		100%
Head on	8%	57%	13%	4%	6%	3%	6%	3%	0%		100%
Rear end	3%	79%	5%	3%	8%	3%	0%	0%	0%		100%
Angular	8%	67%	13%	2%	5%	4%	0%	0%	0%		100%
Struck pedestrian	22%	67%	3%	2%	2%	2%	1%	0%	0%		100%
Struck animal	0%	65%	12%	0%	18%	6%	0%	0%	0%		100%
Struck object	11%	42%	7%	4%	11%	10%	9%	5%	0%		100%
Overtaken	11%	48%	3%	3%	10%	10%	10%	5%	0%		100%
Struck parked	10%	43%	10%	5%	5%	14%	0%	10%	5%		100%
Total	11%	55%	8%	3%	8%	6%	6%	3%	0%		100%

- A** Not tested for alcohol content
- B** Blood alcohol concentration 0 gm/100ml
- C** Blood alcohol concentration from 0.001 to 0.049 gm/100ml
- D** Blood alcohol concentration from 0.050 to 0.080 gm/100ml
- E** Blood alcohol concentration from 0.081 to 0.150 gm/100ml
- F** Blood alcohol concentration from 0.151 to 0.200 gm/100ml
- G** Blood alcohol concentration from 0.201 to 0.250 gm/100ml
- H** Blood alcohol concentration greater than 0.250 gm/100ml
- I** Vehicle operator refused blood alcohol test
- J** Blood alcohol concentration unknown¹
- K** Total number across crash type

¹ At least one driver or rider BAC unknown

Table 5.13b Serious injury crashes in 1993 by accident type and BAC (maximum of all drivers and riders in crash)

Serious injury crashes	Maximum BAC										
	A	B	C	D	E	F	G	H	I	J ¹	K
<i>Type of crash</i>											
Head on	148	600	23	14	55	42	22	11	2	204	1121
Rear end	293	629	21	7	27	19	12	11	1	372	1392
Angular	940	2279	76	35	97	59	23	10	0	1308	4827
Struck pedestrian	547	922	11	8	29	11	2	3	0	1024	2557
Struck animal	53	72	2	2	3	1	0	0	0	27	160
Struck object	817	1351	89	91	346	233	137	58	4	680	3806
Overtaken	454	663	34	27	84	76	47	14	2	260	1661
Struck parked	49	162	5	4	40	27	12	18	4	129	450
Other/unknown	370	256	19	21	55	30	18	10	1	432	1212
Total	3671	6934	280	209	736	498	273	135	14	4436	17186
Head on	4%	9%	9%	7%	8%	9%	9%	9%	15%		8%
Rear end	9%	9%	8%	4%	4%	4%	5%	9%	8%		9%
Angular	28%	34%	29%	19%	14%	13%	9%	8%	0%		29%
Struck pedestrian	17%	14%	4%	4%	4%	2%	1%	2%	0%		13%
Struck animal	2%	1%	1%	1%	0%	0%	0%	0%	0%		1%
Struck object	25%	20%	34%	48%	51%	50%	54%	46%	31%		26%
Overtaken	14%	10%	13%	14%	12%	16%	18%	11%	15%		12%
Struck parked	1%	2%	2%	2%	6%	6%	5%	14%	31%		3%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%		100%
Head on	16%	65%	3%	2%	6%	5%	2%	1%	0%		100%
Rear end	29%	62%	2%	1%	3%	2%	1%	1%	0%		100%
Angular	27%	65%	2%	1%	3%	2%	1%	0%	0%		100%
Struck pedestrian	36%	60%	1%	1%	2%	1%	0%	0%	0%		100%
Struck animal	40%	54%	2%	2%	2%	1%	0%	0%	0%		100%
Struck object	26%	43%	3%	3%	11%	7%	4%	2%	0%		100%
Overtaken	32%	47%	2%	2%	6%	5%	3%	1%	0%		100%
Struck parked	15%	50%	2%	1%	12%	8%	4%	6%	1%		100%
Total	28%	56%	2%	2%	6%	4%	2%	1%	0%		100%

- A** Not tested for alcohol content
- B** Blood alcohol concentration 0 gm/100ml
- C** Blood alcohol concentration from 0.001 to 0.049 gm/100ml
- D** Blood alcohol concentration from 0.050 to 0.080 gm/100ml
- E** Blood alcohol concentration from 0.081 to 0.150 gm/100ml
- F** Blood alcohol concentration from 0.151 to 0.200 gm/100ml
- G** Blood alcohol concentration from 0.201 to 0.250 gm/100ml
- H** Blood alcohol concentration greater than 0.250 gm/100ml
- I** Vehicle operator refused blood alcohol test
- J** Blood alcohol concentration unknown
- K** Total number across crash type

¹ At least one driver or rider BAC unknown

Table 5.14a Vehicles involved in fatal crashes in 1993 by vehicle type and BAC of driver or rider

Fatal crashes	BAC of driver or rider										
	A	B	C	D	E	F	G	H	I	J	K
<i>Type of vehicle</i>											
Car	251	803	106	38	91	70	65	36	2	370	1832
Motorcycle	26	93	9	2	14	18	10	2	0	31	205
Bicycle	10	28	0	0	0	0	0	0	0	13	51
Bus	2	22	1	0	1	0	0	0	0	11	37
Rigid truck	29	117	5	3	1	4	3	3	0	47	212
Artic truck	14	85	4	1	2	0	0	1	0	59	166
Other/unknown	29	21	1	0	0	0	0	3	0	24	78
Total	361	1169	126	44	109	92	78	45	2	555	2581
Car	76%	70%	85%	86%	83%	76%	83%	86%	100%		74%
Motorcycle	8%	8%	7%	5%	13%	20%	13%	5%	0%		9%
Bicycle	3%	2%	0%	0%	0%	0%	0%	0%	0%		2%
Bus	1%	2%	1%	0%	1%	0%	0%	0%	0%		1%
Rigid truck	9%	10%	4%	7%	1%	4%	4%	7%	0%		8%
Artic truck	4%	7%	3%	2%	2%	0%	0%	2%	0%		5%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%		100%
Car	17%	55%	7%	3%	6%	5%	4%	2%	0%		100%
Motorcycle	15%	53%	5%	1%	8%	10%	6%	1%	0%		100%
Bicycle	26%	74%	0%	0%	0%	0%	0%	0%	0%		100%
Bus	8%	85%	4%	0%	4%	0%	0%	0%	0%		100%
Rigid truck	18%	71%	3%	2%	1%	2%	2%	2%	0%		100%
Artic truck	13%	79%	4%	1%	2%	0%	0%	1%	0%		100%
Total	17%	58%	6%	2%	6%	5%	4%	2%	0%		100%
A	Not tested for alcohol content										
B	Blood alcohol concentration 0 gm/100ml										
C	Blood alcohol concentration from 0.001 to 0.049 gm/100ml										
D	Blood alcohol concentration from 0.050 to 0.080 gm/100ml										
E	Blood alcohol concentration from 0.081 to 0.150 gm/100ml										
F	Blood alcohol concentration from 0.151 to 0.200 gm/100ml										
G	Blood alcohol concentration from 0.201 to 0.250 gm/100ml										
H	Blood alcohol concentration greater than 0.250 gm/100ml										
I	Vehicle operator refused blood alcohol test										
J	Blood alcohol concentration unknown										
K	Total number across vehicle type										

Table 5.14b Vehicles involved in serious injury crashes in 1993 by vehicle type and BAC of driver or rider

Serious injury crashes	BAC of driver or rider										
	A	B	C	D	E	F	G	H	I	J	K
<i>Type of vehicle</i>											
Car	4564	7665	213	171	624	429	225	115	14	6120	20140
Motorcycle	677	1099	61	33	94	53	28	14	2	610	2671
Bicycle	327	241	7	5	8	7	6	5	0	561	1167
Bus	39	75	1	1	1	0	0	0	0	59	176
Rigid truck	160	719	13	8	25	18	14	4	0	279	1240
Artic truck	98	185	1	0	2	0	1	0	0	170	457
Other/unknown	210	157	0	0	6	2	3	0	0	142	520
Total	6075	10141	296	218	760	509	277	138	16	7941	26371
Car	78%	77%	72%	78%	83%	85%	82%	83%	88%		78%
Motorcycle	12%	11%	21%	15%	12%	10%	10%	10%	13%		11%
Bicycle	6%	2%	2%	2%	1%	1%	2%	4%	0%		3%
Bus	1%	1%	0%	0%	0%	0%	0%	0%	0%		1%
Rigid truck	3%	7%	4%	4%	3%	4%	5%	3%	0%		5%
Artic truck	2%	2%	0%	0%	0%	0%	0%	0%	0%		2%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%		100%
Car	33%	55%	2%	1%	4%	3%	2%	1%	0%		100%
Motorcycle	33%	53%	3%	2%	5%	3%	1%	1%	0%		100%
Bicycle	54%	40%	1%	1%	1%	1%	1%	1%	0%		100%
Bus	33%	64%	1%	1%	1%	0%	0%	0%	0%		100%
Rigid truck	17%	75%	1%	1%	3%	2%	1%	0%	0%		100%
Artic truck	34%	64%	0%	0%	1%	0%	0%	0%	0%		100%
Total	32%	55%	2%	1%	4%	3%	2%	1%	0%		100%
A	Not tested for alcohol content										
B	Blood alcohol concentration 0 gm/100ml										
C	Blood alcohol concentration from 0.001 to 0.049 gm/100ml										
D	Blood alcohol concentration from 0.050 to 0.080 gm/100ml										
E	Blood alcohol concentration from 0.081 to 0.150 gm/100ml										
F	Blood alcohol concentration from 0.151 to 0.200 gm/100ml										
G	Blood alcohol concentration from 0.201 to 0.250 gm/100ml										
H	Blood alcohol concentration greater than 0.250 gm/100ml										
I	Vehicle operator refused blood alcohol test										
J	Blood alcohol concentration unknown										
K	Total number across vehicle type										

Table 5.15a Fatal crashes in 1993 by accident type and speed limit

Fatal crashes	Speed limit			Unknown	Total
	≤60 kph	65-95 kph	100+ kph ¹		
<i>Type of crash</i>					
Head on	54	47	177	4	282
Rear end	12	9	28	2	51
Angular	156	48	86	4	294
Struck pedestrian	210	51	44	10	315
Struck animal	2	1	14	0	17
Struck object	172	52	251	8	483
Overtaken	19	11	157	3	190
Struck parked	17	1	8	0	26
Other/unknown	27	7	42	2	78
Total	669	227	807	33	1736
Head on	8%	21%	23%		17%
Rear end	2%	4%	4%		3%
Angular	24%	22%	11%		18%
Struck pedestrian	33%	23%	6%		19%
Struck animal	0%	0%	2%		1%
Struck object	27%	24%	33%		29%
Overtaken	3%	5%	21%		11%
Struck parked	3%	0%	1%		2%
Total	100%	100%	100%		100%
Head on	19%	17%	64%		100%
Rear end	24%	18%	57%		100%
Angular	54%	17%	30%		100%
Struck pedestrian	69%	17%	14%		100%
Struck animal	12%	6%	82%		100%
Struck object	36%	11%	53%		100%
Overtaken	10%	6%	84%		100%
Struck parked	65%	4%	31%		100%
Total	39%	14%	47%		100%

¹ Includes unrestricted speed limit

Table 5.15b Serious injury crashes in 1993 by accident type and speed limit

Serious injury crashes	Speed limit			Unknown	Total
	≤60 kph	65-95 kph	100+ kph ¹		
<i>Type of crash</i>					
Head on	481	186	433	21	1121
Rear end	832	270	250	40	1392
Angular	3492	660	532	143	4827
Struck pedestrian	2247	153	98	59	2557
Struck animal	32	10	114	4	160
Struck object	1686	445	1543	132	3806
Overtaken	317	120	1184	40	1661
Struck parked	350	42	47	11	450
Other/unknown	613	133	409	57	1212
Total	10050	2019	4610	507	17186
Head on	5%	10%	10%		7%
Rear end	9%	14%	6%		9%
Angular	37%	35%	13%		30%
Struck pedestrian	24%	8%	2%		16%
Struck animal	0%	1%	3%		1%
Struck object	18%	24%	37%		24%
Overtaken	3%	6%	28%		10%
Struck parked	4%	2%	1%		3%
Total	100%	100%	100%		100%
Head on	44%	17%	39%		100%
Rear end	62%	20%	18%		100%
Angular	75%	14%	11%		100%
Struck pedestrian	90%	6%	4%		100%
Struck animal	21%	6%	73%		100%
Struck object	46%	12%	42%		100%
Overtaken	20%	7%	73%		100%
Struck parked	80%	10%	11%		100%
Total	61%	12%	27%		100%

¹ Includes unrestricted speed limit

Table 5.16a Fatal crashes in 1993 by accident type and weather conditions

Fatal crashes	Weather conditions			Unknown	Total
	Fine	Rain	Other ¹		
Type of crash					
Head on	183	38	2	59	282
Rear end	42	1	1	7	51
Angular	198	17	4	75	294
Struck pedestrian	244	19	1	51	315
Struck animal	9	1	0	7	17
Struck object	327	36	8	112	483
Overturned	125	10	1	54	190
Struck parked	24	0	0	2	26
Other/unknown	56	4	1	17	78
Total	1208	126	18	384	1736
Head on	16%	31%	12%		17%
Rear end	4%	1%	6%		3%
Angular	17%	14%	24%		17%
Struck pedestrian	21%	16%	6%		20%
Struck animal	1%	1%	0%		1%
Struck object	28%	30%	47%		29%
Overturned	11%	8%	6%		11%
Struck parked	2%	0%	0%		2%
Total	100%	100%	100%		100%
Head on	82%	17%	1%		100%
Rear end	95%	2%	2%		100%
Angular	90%	8%	2%		100%
Struck pedestrian	92%	7%	0%		100%
Struck animal	90%	10%	0%		100%
Struck object	88%	10%	2%		100%
Overturned	92%	7%	1%		100%
Struck parked	100%	0%	0%		100%
Total	89%	9%	1%		100%

¹ Includes fog, mist, smoke and snow

Table 5.16b Serious injury crashes in 1993 by *accident type* and *weather conditions*

Serious injury crashes	Weather conditions			Unknown	Total
	Fine	Rain	Other ¹		
<i>Type of crash</i>					
Head on	692	206	8	215	1121
Rear end	953	139	11	289	1392
Angular	3458	393	13	963	4827
Struck pedestrian	1940	215	10	392	2557
Struck animal	105	7	4	44	160
Struck object	2526	462	42	776	3806
Overtaken	1148	115	23	375	1661
Struck parked	351	45	6	48	450
Other/unknown	840	94	7	271	1212
Total	12013	1676	124	3373	17186
Head on	6%	13%	7%		7%
Rear end	9%	9%	9%		9%
Angular	31%	25%	11%		30%
Struck pedestrian	17%	14%	9%		17%
Struck animal	1%	0%	3%		1%
Struck object	23%	29%	36%		24%
Overtaken	10%	7%	20%		10%
Struck parked	3%	3%	5%		3%
Total	100%	100%	100%		100%
Head on	76%	23%	1%		100%
Rear end	86%	13%	1%		100%
Angular	89%	10%	0%		100%
Struck pedestrian	90%	10%	0%		100%
Struck animal	91%	6%	3%		100%
Struck object	83%	15%	1%		100%
Overtaken	89%	9%	2%		100%
Struck parked	87%	11%	1%		100%
Total	87%	12%	1%		100%

¹ Includes fog, mist, smoke and snow

Table 5.17 Fatal and serious injury crashes in 1993 by *speed limit* and *road surface conditions*

	Road surface condition				
	Wet	Dry	Snow/Ice	Unknown	Total
Fatal crashes					
Speed limit					
≤60 kph	74	457	0	138	669
65-95 kph	34	152	0	41	227
100+ kph ¹	103	520	0	184	807
Unknown	2	30	0	1	33
Total	213	1159	0	364	1736
≤60 kph	35%	40%	0%		40%
65-95 kph	16%	13%	0%		14%
100+ kph ¹	49%	46%	0%		46%
Total	100%	100%	0%		100%
≤60 kph	14%	86%	0%		100%
65-95 kph	18%	82%	0%		100%
100+ kph ¹	17%	83%	0%		100%
Total	16%	84%	0%		100%
Serious injury crashes					
Speed limit					
≤60 kph	1384	6720	1	1945	10050
65-95 kph	389	1297	1	332	2019
100+ kph ¹	655	2956	11	988	4610
Unknown	96	399	1	11	507
Total	2524	11372	14	3276	17186
≤60 kph	57%	61%	8%		60%
65-95 kph	16%	12%	8%		13%
100+ kph ¹	27%	27%	85%		27%
Total	100%	100%	100%		100%
≤60 kph	17%	83%	0%		100%
65-95 kph	23%	77%	0%		100%
100+ kph ¹	18%	82%	0%		100%
Total	18%	82%	0%		100%

¹ Includes unrestricted speed limit

Table 5.18 Fatal and serious injury crashes in 1993 by *speed limit* and *horizontal alignment of road*

	Horizontal alignment of road			
	Straight	Curved	Unknown	Total
Fatal crashes				
Speed limit				
≤60 kph	502	146	21	669
65-95 kph	151	73	3	227
100+ kph ¹	480	292	35	807
Unknown	22	11	0	33
Total	1155	522	59	1736
≤60 kph	44%	29%		39%
65-95 kph	13%	14%		14%
100+ kph ¹	42%	57%		47%
Total	100%	100%		100%
≤60 kph	77%	23%		100%
65-95 kph	67%	33%		100%
100+ kph ¹	62%	38%		100%
Total	69%	31%		100%
Serious injury crashes				
Speed limit				
≤60 kph	8509	1410	131	10050
65-95 kph	1491	489	39	2019
100+ kph ¹	2814	1663	133	4610
Unknown	351	141	15	507
Total	13165	3703	318	17186
≤60 kph	66%	40%		61%
65-95 kph	12%	14%		12%
100+ kph ¹	22%	47%		27%
Total	100%	100%		100%
≤60 kph	86%	14%		100%
65-95 kph	75%	25%		100%
100+ kph ¹	63%	37%		100%
Total	78%	22%		100%

¹ Includes unrestricted speed limit

Table 5.19 Fatal and serious injury crashes in 1993 by location and road surface conditions

	Road surface condition				
	Wet	Dry	Snow/ice	Unknown	Total
Fatal crashes					
Location					
T intersection	18	162	0	40	220
X intersection	14	109	0	45	168
Other intersection	5	31	0	19	55
Not at intersection	176	854	0	260	1290
Unknown	0	3	0	0	3
Total	213	1159	0	364	1736
T intersection	8%	14%			13%
X intersection	7%	9%			9%
Other intersection	2%	3%			3%
Not at intersection	83%	74%			75%
Total	100%	100%			100%
T intersection	10%	90%			100%
X intersection	11%	89%			100%
Other intersection	14%	86%			100%
Not at intersection	17%	83%			100%
Total	16%	84%			100%
Serious injury crashes					
Location					
T intersection	448	2235	0	609	3292
X intersection	417	2132	0	608	3157
Other intersection	93	374	0	128	595
Not at intersection	1562	6605	14	1922	10103
Unknown	4	26	0	9	39
Total	2524	11372	14	3276	17186
T intersection	18%	20%	0%		19%
X intersection	17%	19%	0%		18%
Other intersection	4%	3%	0%		3%
Not at intersection	62%	58%	100%		59%
Total	100%	100%	100%		100%
T intersection	17%	83%	0%		100%
X intersection	16%	84%	0%		100%
Other intersection	20%	80%	0%		100%
Not at intersection	19%	81%	0%		100%
Total	18%	82%	0%		100%

Table 5.20 Fatal and serious injury crashes in 1993 by location and weather conditions

	Weather conditions				
	Fine	Rain	Other ¹	Unknown	Total
Fatal crashes					
Location					
T intersection	168	9	2	41	220
X intersection	107	10	2	49	168
Other intersection	32	4	0	19	55
Not at intersection	898	103	14	275	1290
Unknown	3	0	0	0	3
Total	1208	126	18	384	1736
T intersection	14%	7%	11%		13%
X intersection	9%	8%	11%		9%
Other intersection	3%	3%	0%		3%
Not at intersection	75%	82%	78%		75%
Total	100%	100%	100%		100%
T intersection	94%	5%	1%		100%
X intersection	90%	8%	2%		100%
Other intersection	89%	11%	0%		100%
Not at intersection	88%	10%	1%		100%
Total	89%	9%	1%		100%
Serious injury crashes					
Location					
T intersection	2334	312	18	628	3292
X intersection	2231	295	6	625	3157
Other intersection	392	57	3	143	595
Not at intersection	7028	1009	97	1969	10103
Unknown	28	3	0	8	39
Total	12013	1676	124	3373	17186
T intersection	19%	19%	15%		19%
X intersection	19%	18%	5%		18%
Other intersection	3%	3%	2%		3%
Not at intersection	59%	60%	78%		59%
Total	100%	100%	100%		100%
T intersection	88%	12%	1%		100%
X intersection	88%	12%	0%		100%
Other intersection	87%	13%	1%		100%
Not at intersection	86%	12%	1%		100%
Total	87%	12%	1%		100%

¹ Includes fog, mist, smoke and snow

Table 5.21 Fatal and serious injury crashes in 1993 by road surface and horizontal road alignment

	Horizontal alignment of road			
	Straight	Curved	Unknown	Total
Fatal crashes				
Road surface				
Sealed	851	375	51	1277
Unsealed	61	30	7	98
Unknown	243	117	1	361
Total	1155	522	59	1736
Sealed	93%	93%		93%
Unsealed	7%	7%		7%
Total	100%	100%		100%
Sealed	69%	31%		100%
Unsealed	67%	33%		100%
Total	69%	31%		100%
Serious injury crashes				
Road surface				
Sealed	10294	2448	268	13010
Unsealed	484	396	39	919
Unknown	2387	859	11	3257
Total	13165	3703	318	17186
Sealed	96%	86%		94%
Unsealed	4%	14%		6%
Total	100%	100%		100%
Sealed	81%	19%		100%
Unsealed	55%	45%		100%
Total	79%	21%		100%

Table 5.22a Fatal crashes in 1993 by accident type and sex of drivers

Fatal crashes	Sex of drivers/riders involved			Unknown ¹	Total
	Male only	Female only	Both		
<i>Type of crash</i>					
Head on	162	6	108	6	282
Rear end	34	0	15	2	51
Angular	168	11	112	3	294
Struck pedestrian	226	70	2	17	315
Struck animal	15	1	1	0	17
Struck object	403	75	4	1	483
Overtaken	143	39	6	2	190
Struck parked	20	3	0	3	26
Other/unknown	64	6	7	1	78
Total	1235	211	255	35	1736
Head on	14%	3%	44%		17%
Rear end	3%	0%	6%		3%
Angular	14%	5%	45%		18%
Struck pedestrian	19%	34%	1%		18%
Struck animal	1%	0%	0%		1%
Struck object	34%	37%	2%		30%
Overtaken	12%	19%	2%		12%
Struck parked	2%	1%	0%		1%
Total	100%	100%	100%		100%
Head on	59%	2%	39%		100%
Rear end	69%	0%	31%		100%
Angular	58%	4%	38%		100%
Struck pedestrian	76%	23%	1%		100%
Struck animal	88%	6%	6%		100%
Struck object	84%	16%	1%		100%
Overtaken	76%	21%	3%		100%
Struck parked	87%	13%	0%		100%
Total	72%	13%	15%		100%

¹ At least one driver or rider sex not stated

Table 5.22b Serious injury crashes in 1993 by accident type and sex of drivers

Serious injury crashes	Sex of drivers/riders involved			Unknown ¹	Total
	Male only	Female only	Both		
Type of crash					
Head on	564	72	468	17	1121
Rear end	557	96	655	84	1392
Angular	2176	459	2086	106	4827
Struck pedestrian	1637	694	19	207	2557
Struck animal	134	23	3	0	160
Struck object	2679	1065	31	31	3806
Overtaken	1204	437	11	9	1661
Struck parked	293	82	50	25	450
Other/unknown	869	149	150	44	1212
Total	10113	3077	3473	523	17186
Head on	6%	2%	14%		7%
Rear end	6%	3%	20%		8%
Angular	24%	16%	63%		30%
Struck pedestrian	18%	24%	1%		15%
Struck animal	1%	1%	0%		1%
Struck object	29%	36%	1%		24%
Overtaken	13%	15%	0%		11%
Struck parked	3%	3%	2%		3%
Total	100%	100%	100%		100%
Head on	51%	7%	42%		100%
Rear end	43%	7%	50%		100%
Angular	46%	10%	44%		100%
Struck pedestrian	70%	30%	1%		100%
Struck animal	84%	14%	2%		100%
Struck object	71%	28%	1%		100%
Overtaken	73%	26%	1%		100%
Struck parked	69%	19%	12%		100%
Total	60%	19%	21%		100%

¹ At least one driver or rider sex not stated

Table 5.23a Drivers and riders involved in fatal crashes in 1993 by *accident type* and *age*

Drivers and riders in fatal crashes	Age of driver/rider								Unk	Total
	5-14	15-19	20-24	25-29	30-39	40-49	50-59	60+		
Type of crash										
Head on	0	44	100	81	156	134	51	64	4	634
Rear end	4	16	17	18	43	14	14	3	1	130
Angular	8	72	109	74	127	95	47	94	10	636
Struck pedestrian	0	34	66	47	62	56	21	20	13	319
Struck animal	0	0	2	3	3	8	0	4	0	20
Struck object	1	93	135	71	92	46	24	41	1	504
Overturned	1	22	44	33	40	31	15	14	1	201
Struck parked	0	2	7	7	6	5	5	2	4	38
Other/unknown	2	7	23	10	21	10	13	10	3	99
Total	16	290	503	344	550	399	190	252	37	2581
Head on	0%	16%	21%	24%	29%	34%	29%	26%		26%
Rear end	29%	6%	4%	5%	8%	4%	8%	1%		5%
Angular	57%	25%	23%	22%	24%	24%	27%	39%		26%
Struck pedestrian	0%	12%	14%	14%	12%	14%	12%	8%		13%
Struck animal	0%	0%	0%	1%	1%	2%	0%	2%		1%
Struck object	7%	33%	28%	21%	17%	12%	14%	17%		21%
Overturned	7%	8%	9%	10%	8%	8%	8%	6%		8%
Struck parked	0%	1%	1%	2%	1%	1%	3%	1%		1%
Total	100%	100%	100%	100%	100%	100%	100%	100%		100%
Head on	0%	7%	16%	13%	25%	21%	8%	10%		100%
Rear end	3%	12%	13%	14%	33%	11%	11%	2%		100%
Angular	1%	12%	17%	12%	20%	15%	8%	15%		100%
Struck pedestrian	0%	11%	22%	15%	20%	18%	7%	7%		100%
Struck animal	0%	0%	10%	15%	15%	40%	0%	20%		100%
Struck object	0%	18%	27%	14%	18%	9%	5%	8%		100%
Overturned	1%	11%	22%	17%	20%	16%	8%	7%		100%
Struck parked	0%	6%	21%	21%	18%	15%	15%	6%		100%
Total	1%	12%	20%	14%	22%	16%	7%	10%		100%

Table 5.23b Drivers and riders involved in serious injury crashes in 1993 by accident type and age

	Age of driver/rider									Unk	Total
	0-4	5-14	15-19	20-24	25-29	30-39	40-49	50-59	60+		
Drivers and riders in Serious injury crashes											
Type of crash											
Head on	0	27	252	409	351	546	405	211	171	32	2404
Rear end	1	9	333	538	426	743	547	316	266	144	3323
Angular	5	245	1138	1749	1247	2000	1377	847	1247	201	10056
Struck pedestrian	0	6	248	514	337	519	362	199	182	198	2565
Struck animal	0	0	19	30	29	39	31	13	11	0	172
Struck object	0	11	737	1011	520	676	403	187	316	45	3906
Overturned	0	8	295	351	234	351	206	112	117	16	1690
Struck parked	0	12	81	119	70	121	88	39	65	42	637
Other/unknown	3	45	198	330	236	343	184	103	110	66	1618
Total	9	363	3301	5051	3450	5338	3603	2027	2485	744	26371
Head on	0%	8%	8%	9%	11%	11%	12%	11%	7%		10%
Rear end	17%	3%	11%	11%	13%	15%	16%	16%	11%		13%
Angular	83%	77%	37%	37%	39%	40%	40%	44%	53%		41%
Struck pedestrian	0%	2%	8%	11%	10%	10%	11%	10%	8%		10%
Struck animal	0%	0%	1%	1%	1%	1%	1%	1%	0%		1%
Struck object	0%	3%	24%	21%	16%	14%	12%	10%	13%		16%
Overturned	0%	3%	10%	7%	7%	7%	6%	6%	5%		7%
Struck parked	0%	4%	3%	3%	2%	2%	3%	2%	3%		2%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%		100%
Head on	0%	1%	11%	17%	15%	23%	17%	9%	7%		100%
Rear end	0%	0%	10%	17%	13%	23%	17%	10%	8%		100%
Angular	0%	2%	12%	18%	13%	20%	14%	9%	13%		100%
Struck pedestrian	0%	0%	10%	22%	14%	22%	15%	8%	8%		100%
Struck animal	0%	0%	11%	17%	17%	23%	18%	8%	6%		100%
Struck object	0%	0%	19%	26%	13%	18%	10%	5%	8%		100%
Overturned	0%	0%	18%	21%	14%	21%	12%	7%	7%		100%
Struck parked	0%	2%	14%	20%	12%	20%	15%	7%	11%		100%
Total	0	0	0	0	0	21%	14%	8%	10%		100%

Table 5.24a Fatal crashes in 1993 by accident type and age of oldest driver or rider

	Age of oldest driver/rider in the crash									
	5-14	15-19	20-24	25-29	30-39	40-49	50-59	60+	Unk ¹	Total
Fatal crashes										
Type of crash										
Head on	0	3	11	22	72	77	38	55	4	282
Rear end	1	1	1	7	19	7	11	3	1	51
Angular	0	6	19	18	65	51	34	91	10	294
Struck pedestrian	0	32	62	47	60	55	21	20	18	315
Struck animal	0	0	1	2	2	8	0	4	0	17
Struck object	1	89	131	70	83	44	23	41	1	483
Overturned	1	21	40	30	38	29	15	14	2	190
Struck parked	0	1	5	3	4	4	4	2	3	26
Other/unknown	0	5	17	7	16	9	12	9	3	78
Total	3	158	287	206	359	284	158	239	42	1736
Head on	0%	2%	4%	11%	21%	28%	26%	24%		17%
Rear end	33%	1%	0%	4%	6%	3%	8%	1%		3%
Angular	0%	4%	7%	9%	19%	19%	23%	40%		18%
Struck pedestrian	0%	21%	23%	24%	17%	20%	14%	9%		18%
Struck animal	0%	0%	0%	1%	1%	3%	0%	2%		1%
Struck object	33%	58%	49%	35%	24%	16%	16%	18%		30%
Overturned	33%	14%	15%	15%	11%	11%	10%	6%		12%
Struck parked	0%	1%	2%	2%	1%	1%	3%	1%		1%
Total	100%	100%	100%	100%	100%	100%	100%	100%		100%
Head on	0%	1%	4%	8%	26%	28%	14%	20%		100%
Rear end	2%	2%	2%	14%	38%	14%	22%	6%		100%
Angular	0%	2%	7%	6%	23%	18%	12%	32%		100%
Struck pedestrian	0%	11%	21%	16%	20%	19%	7%	7%		100%
Struck animal	0%	0%	6%	12%	12%	47%	0%	24%		100%
Struck object	0%	18%	27%	15%	17%	9%	5%	9%		100%
Overturned	1%	11%	21%	16%	20%	15%	8%	7%		100%
Struck parked	0%	4%	22%	13%	17%	17%	17%	9%		100%
Total	0%	9%	17%	12%	21%	17%	9%	14%		100%

¹ At least one driver or rider age not stated

Table 5.24b Serious injury crashes in 1993 by accident type and age of older driver or rider

Serious injury crashes	Age of oldest driver/rider in the crash									Unk ¹	Total
	0-4	5-14	15-19	20-24	25-29	30-39	40-49	50-59	60+		
<i>Type of crash</i>											
Head on	0	1	22	74	107	252	291	183	159	32	1121
Rear end	0	0	21	75	104	287	307	238	234	126	1392
Angular	0	2	99	346	441	1003	920	672	1148	196	4827
Struck pedestrian	0	5	238	505	328	509	358	197	181	236	2557
Struck animal	0	0	16	27	25	37	31	13	11	0	160
Struck object	0	11	723	976	505	652	393	186	316	44	3806
Overturned	0	8	286	344	229	346	204	111	117	16	1661
Struck parked	0	10	54	70	45	80	63	31	60	37	450
Other/unknown	2	16	119	218	164	275	151	94	106	67	1212
Total	2	53	1578	2635	1948	3441	2718	1725	2332	754	17186
Head on	0%	3%	2%	3%	6%	8%	11%	11%	7%		7%
Rear end	0%	0%	1%	3%	6%	9%	12%	15%	11%		8%
Angular	0%	5%	7%	14%	25%	32%	36%	41%	52%		30%
Struck pedestrian	0%	14%	16%	21%	18%	16%	14%	12%	8%		15%
Struck animal	0%	0%	1%	1%	1%	1%	1%	1%	0%		1%
Struck object	0%	30%	50%	40%	28%	21%	15%	11%	14%		25%
Overturned	0%	22%	20%	14%	13%	11%	8%	7%	5%		11%
Struck parked	0%	27%	4%	3%	3%	3%	2%	2%	3%		3%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%		100%
Head on	0%	0%	2%	7%	10%	23%	27%	17%	15%		100%
Rear end	0%	0%	2%	6%	8%	23%	24%	19%	18%		100%
Angular	0%	0%	2%	7%	10%	22%	20%	15%	25%		100%
Struck pedestrian	0%	0%	10%	22%	14%	22%	15%	8%	8%		100%
Struck animal	0%	0%	10%	17%	16%	23%	19%	8%	7%		100%
Struck object	0%	0%	19%	26%	13%	17%	10%	5%	8%		100%
Overturned	0%	0%	17%	21%	14%	21%	12%	7%	7%		100%
Struck parked	0%	2%	13%	17%	11%	19%	15%	8%	15%		100%
Total	0%	0%	10%	16%	12%	21%	17%	11%	15%		100%

¹ At least one driver or rider age not stated

Table 5.25a Fatal crashes in 1993 by accident type and age of youngest driver or rider

Fatal crashes	Age of youngest driver/rider in the crash									Total
	5-14	15-19	20-24	25-29	30-39	40-49	50-59	60+	Unk ¹	
Type of crash										
Head on	0	42	79	50	58	39	7	3	4	282
Rear end	2	10	11	8	15	4	0	0	1	51
Angular	7	62	81	46	46	30	10	2	10	294
Struck pedestrian	0	34	63	47	62	54	20	17	18	315
Struck animal	0	0	2	3	2	7	0	3	0	17
Struck object	1	93	134	69	84	43	20	38	1	483
Overturned	1	22	42	31	40	25	14	13	2	190
Struck parked	0	2	6	4	5	2	3	1	3	26
Other/unknown	1	7	22	9	17	3	8	8	3	78
Total	12	272	440	267	329	207	82	85	42	1736
Head on	0%	16%	19%	19%	19%	19%	9%	4%		17%
Rear end	18%	4%	3%	3%	5%	2%	0%	0%		3%
Angular	64%	23%	19%	18%	15%	15%	14%	3%		18%
Struck pedestrian	0%	13%	15%	18%	20%	26%	27%	22%		18%
Struck animal	0%	0%	0%	1%	1%	3%	0%	4%		1%
Struck object	9%	35%	32%	27%	27%	21%	27%	49%		30%
Overturned	9%	8%	10%	12%	13%	12%	19%	17%		12%
Struck parked	0%	1%	1%	2%	2%	1%	4%	1%		1%
Total	100%	100%	100%	100%	100%	100%	100%	100%		100%
Head on	0%	15%	28%	18%	21%	14%	3%	1%		100%
Rear end	4%	20%	22%	16%	30%	8%	0%	0%		100%
Angular	2%	22%	29%	16%	16%	11%	4%	1%		100%
Struck pedestrian	0%	11%	21%	16%	21%	18%	7%	6%		100%
Struck animal	0%	0%	12%	18%	12%	41%	0%	18%		100%
Struck object	0%	19%	28%	14%	17%	9%	4%	8%		100%
Overturned	1%	12%	22%	16%	21%	13%	7%	7%		100%
Struck parked	0%	9%	26%	17%	22%	9%	13%	4%		100%
Total	1%	16%	26%	16%	19%	13%	5%	5%		100%

¹ At least one driver or rider age not stated

Table 5.25b Serious injury crashes in 1993 by accident type and age of youngest driver or rider

Serious injury crashes	Age of youngest driver/rider in the crash									Unk ¹	Total
	0-4	5-14	15-19	20-24	25-29	30-39	40-49	50-59	60+		
Type of crash											
Head on	0	26	221	308	201	228	79	18	8	32	1121
Rear end	1	8	284	368	228	254	87	28	8	126	1392
Angular	5	236	1011	1312	702	831	345	117	72	196	4827
Struck pedestrian	0	6	246	509	332	504	356	192	176	236	2557
Struck animal	0	0	19	30	25	35	28	12	11	0	160
Struck object	0	11	733	1003	507	651	374	175	308	44	3806
Overtaken	0	8	293	347	230	344	199	108	116	16	1661
Struck parked	0	11	77	103	51	78	38	15	40	37	450
Other/unknown	3	41	189	277	187	236	100	53	59	67	1212
Total	9	347	3073	4257	2463	3161	1606	718	798	754	17186
Head on	0%	8%	8%	8%	9%	8%	5%	3%	1%		7%
Rear end	17%	3%	10%	9%	10%	9%	6%	4%	1%		8%
Angular	83%	77%	35%	33%	31%	28%	23%	18%	10%		30%
Struck pedestrian	0%	2%	9%	13%	15%	17%	24%	29%	24%		15%
Struck animal	0%	0%	1%	1%	1%	1%	2%	2%	1%		1%
Struck object	0%	4%	25%	25%	22%	22%	25%	26%	42%		25%
Overtaken	0%	3%	10%	9%	10%	12%	13%	16%	16%		11%
Struck parked	0%	4%	3%	3%	2%	3%	3%	2%	5%		3%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%		100%
Head on	0%	2%	20%	28%	18%	21%	7%	2%	1%		100%
Rear end	0%	1%	22%	29%	18%	20%	7%	2%	1%		100%
Angular	0%	5%	22%	28%	15%	18%	7%	3%	2%		100%
Struck pedestrian	0%	0%	11%	22%	14%	22%	15%	8%	8%		100%
Struck animal	0%	0%	12%	19%	16%	22%	18%	8%	7%		100%
Struck object	0%	0%	19%	27%	13%	17%	10%	5%	8%		100%
Overtaken	0%	0%	18%	21%	14%	21%	12%	7%	7%		100%
Struck parked	0%	3%	19%	25%	12%	19%	9%	4%	10%		100%
Total	0%	2%	19%	26%	15%	19%	10%	4%	5%		100%

¹ At least one driver or rider age not stated

Table 5.26 Drivers and riders involved in fatal and serious injury crashes in 1993 by *speed limit* and *age*

	Age of driver/rider										
	0-4	5-14	15-19	20-24	25-29	30-39	40-49	50-59	60+	Unk	Total
Drivers in fatal crashes											
Speed limit											
≤ 60 kph	0	10	139	207	122	167	127	71	95	20	958
65-95 kph	0	1	46	84	53	84	62	35	28	6	399
100+ kph ¹	0	3	100	198	162	295	199	83	124	11	1175
Unknown	0	2	5	14	7	4	11	1	5	0	49
Total	0	16	290	503	344	550	399	190	252	37	2581
≤ 60 kph		71%	49%	42%	36%	31%	33%	38%	38%		38%
65-95 kph		7%	16%	17%	16%	15%	16%	19%	11%		16%
100+ kph ¹		21%	35%	40%	48%	54%	51%	44%	50%		47%
Total		100%	100%	100%	100%	100%	100%	100%	100%		100%
≤ 60 kph		1%	15%	22%	13%	18%	14%	8%	10%		100%
65-95 kph		0%	12%	21%	13%	21%	16%	9%	7%		100%
100+ kph ¹		0%	9%	17%	14%	25%	17%	7%	11%		100%
Total		1%	11%	20%	14%	22%	16%	8%	10%		100%
Drivers in serious injury crashes											
Speed limit											
≤ 60 kph	7	307	2021	3090	2077	3099	2079	1170	1544	521	15915
65-95 kph	1	16	421	642	483	760	505	293	308	77	3506
100+ kph ¹	0	25	754	1182	794	1327	930	505	580	83	6180
Unknown	1	15	105	137	96	152	89	59	53	63	770
Total	9	363	3301	5051	3450	5338	3603	2027	2485	744	26371
≤ 60 kph	88%	88%	63%	63%	62%	60%	59%	59%	63%		62%
65-95 kph	13%	5%	13%	13%	14%	15%	14%	15%	13%		14%
100+ kph ¹	0%	7%	24%	24%	24%	26%	26%	26%	24%		24%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%		100%
≤ 60 kph	0%	2%	13%	20%	13%	20%	14%	8%	10%		100%
65-95 kph	0%	0%	12%	19%	14%	22%	15%	9%	9%		100%
100+ kph ¹	0%	0%	12%	19%	13%	22%	15%	8%	10%		100%
Total	0%	1%	13%	20%	13%	21%	14%	8%	10%		100%

¹ Includes unrestricted speed limit

Table 5.27 Fatal and serious injury crashes in 1993 by speed limit and age of oldest driver or rider

	Age of oldest driver/rider in the crash										
	0-4	5-14	15-19	20-24	25-29	30-39	40-49	50-59	60+	Unk ¹	Total
Fatal crashes											
Speed limit											
≤60 kph	0	2	79	132	79	113	90	61	91	22	669
65-95 kph	0	0	19	39	27	47	39	26	24	6	227
100+ kph ²	0	1	55	110	95	195	148	70	119	14	807
Unknown	0	0	5	6	5	4	7	1	5	0	33
Total	0	3	158	287	206	359	284	158	239	42	1736
≤60 kph		67%	52%	47%	39%	32%	32%	39%	39%		39%
65-95 kph		0%	12%	14%	13%	13%	14%	17%	10%		13%
100+ kph ²		33%	36%	39%	47%	55%	53%	45%	51%		48%
Total		100%	100%	100%	100%	100%	100%	100%	100%		100%
≤60 kph		0%	12%	20%	12%	17%	14%	9%	14%		100%
65-95 kph		0%	9%	18%	12%	21%	18%	12%	11%		100%
100+ kph ²		0%	7%	14%	12%	25%	19%	9%	15%		100%
Total		0%	9%	17%	12%	21%	17%	9%	14%		100%
Serious injury crashes											
Speed limit											
≤60 kph	1	37	844	1510	1132	1995	1572	987	1437	535	10050
65-95 kph	1	3	152	272	232	410	347	237	290	75	2019
100+ kph	0	9	523	784	530	937	731	452	557	87	4610
Unknown ²	0	4	59	69	54	99	68	49	48	57	507
Total	2	53	1578	2635	1948	3441	2718	1725	2332	754	17186
≤60 kph	50%	76%	56%	59%	60%	60%	59%	59%	63%		60%
65-95 kph	50%	6%	10%	11%	12%	12%	13%	14%	13%		12%
100+ kph ²	0%	18%	34%	31%	28%	28%	28%	27%	24%		28%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%		100%
≤60 kph	0%	0%	9%	16%	12%	21%	17%	10%	15%		100%
65-95 kph	0%	0%	8%	14%	12%	21%	18%	12%	15%		100%
100+ kph ²	0%	0%	12%	17%	12%	21%	16%	10%	12%		100%
Total	0%	0%	10%	16%	12%	21%	17%	10%	14%		100%

¹ At least one driver or rider age not stated

² Includes unrestricted speed limit

Table 5.28 Fatal and serious injury crashes in 1993 by speed limit and age of youngest driver or rider

	Age of youngest driver/rider in the crash										
	0-4	5-14	15-19	20-24	25-29	30-39	40-49	50-59	60+	Unk ¹	Total
Fatal crashes											
Speed limit											
≤60 kph	0	8	131	176	92	101	78	31	30	22	669
65-95 kph	0	1	41	69	34	39	21	11	5	6	227
100+ kph ²	0	2	96	182	134	188	103	39	49	14	807
Unknown	0	1	4	13	7	1	5	1	1	0	33
Total	0	12	272	440	267	329	207	82	85	42	1736
≤60 kph		73%	49%	41%	35%	31%	39%	38%	36%		39%
65-95 kph		9%	15%	16%	13%	12%	10%	14%	6%		13%
100+ kph ²		18%	36%	43%	52%	57%	51%	48%	58%		48%
Total		100%	100%	100%	100%	100%	100%	100%	100%		100%
≤60 kph		1%	20%	27%	14%	16%	12%	5%	5%		100%
65-95 kph		0%	19%	31%	15%	18%	10%	5%	2%		100%
100+ kph ²		0%	12%	23%	17%	24%	13%	5%	6%		100%
Total		1%	16%	26%	16%	20%	12%	5%	5%		100%
Serious injury crashes											
Speed limit											
≤60 kph	7	294	1852	2565	1435	1700	855	379	428	535	10050
65-95 kph	1	16	392	508	323	414	166	68	56	75	2019
100+ kph ²	0	25	731	1071	635	964	550	252	295	87	4610
Unknown	1	12	98	113	70	83	35	19	19	57	507
Total	9	347	3073	4257	2463	3161	1606	718	798	754	17186
≤60 kph	88%	88%	62%	62%	60%	55%	54%	54%	55%		60%
65-95 kph	13%	5%	13%	12%	13%	13%	11%	10%	7%		12%
100+ kph ²	0%	7%	25%	26%	27%	31%	35%	36%	38%		28%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%		100%
≤60 kph	0%	3%	19%	27%	15%	18%	9%	4%	4%		100%
65-95 kph	0%	1%	20%	26%	17%	21%	9%	3%	3%		100%
100+ kph ²	0%	1%	16%	24%	14%	21%	12%	6%	7%		100%
Total	0%	2%	19%	26%	15%	19%	10%	4%	5%		100%

¹ At least one driver or rider age not stated

² Includes unrestricted speed limit

Table 5.29 Drivers and riders involved in fatal and serious injury crashes in 1993 by location and age

	Age of driver/rider										Total
	0-5	5-14	15-19	20-24	25-29	30-39	40-49	50-59	60+	Unk	
Drivers involved in fatal crashes											
Location											
T intersection	0	1	40	69	42	76	52	22	45	6	353
X intersection	0	2	34	62	46	60	49	29	53	3	338
Other intersection	0	1	10	10	13	25	14	7	8	4	92
Not at intersection	0	12	206	361	242	389	283	132	145	24	1794
Unknown	0	0	0	1	1	0	1	0	1	0	4
Total	0	16	290	503	344	550	399	190	252	37	2581
T intersection		6%	14%	14%	12%	14%	13%	12%	18%		14%
X intersection		13%	12%	12%	13%	11%	12%	15%	21%		13%
Other intersection		6%	3%	2%	4%	5%	4%	4%	3%		3%
Not at intersection		75%	71%	72%	71%	71%	71%	69%	58%		70%
Total		100%	100%	100%	100%	100%	100%	100%	100%		100%
T intersection		0%	12%	20%	12%	22%	15%	6%	13%		100%
X intersection		1%	10%	19%	14%	18%	15%	9%	16%		100%
Other intersection		1%	11%	11%	15%	28%	16%	8%	9%		100%
Not at intersection		1%	12%	20%	14%	22%	16%	7%	8%		100%
Total		1%	11%	20%	14%	22%	16%	7%	10%		100%
Drivers involved in serious injury crashes											
Location											
T intersection	2	105	663	1081	746	1133	754	412	585	155	5636
X intersection	0	60	670	1029	727	1225	820	531	726	159	5947
Other intersection	0	19	125	196	136	194	133	82	89	38	1012
Not at intersection	7	179	1837	2734	1834	2778	1892	998	1082	387	13728
Unknown	0	0	6	11	7	8	4	4	3	5	48
Total	9	363	3301	5051	3450	5338	3603	2027	2485	744	26371
T intersection	22%	29%	20%	21%	22%	21%	21%	20%	24%		21%
X intersection	0%	17%	20%	20%	21%	23%	23%	26%	29%		23%
Other intersection	0%	5%	4%	4%	4%	4%	4%	4%	4%		4%
Not at intersection	78%	49%	56%	54%	53%	52%	53%	49%	44%		52%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%		100%
T intersection	0%	2%	12%	20%	14%	21%	14%	8%	11%		100%
X intersection	0%	1%	12%	18%	13%	21%	14%	9%	13%		100%
Other intersection	0%	2%	13%	20%	14%	20%	14%	8%	9%		100%
Not at intersection	0%	1%	14%	20%	14%	21%	14%	7%	8%		100%
Total	0%	1%	13%	20%	13%	21%	14%	8%	10%		100%

Table 5.30 Fatal and serious injury crashes in 1993 by location and age of oldest driver or rider

Age of oldest driver/rider in crash											
0-4 5-14 15-19 20-24 25-29 30-39 40-49 50-59 60+ Unk ¹ Total											
Fatal crashes											
Location											
T intersection	0	0	16	34	19	48	37	18	42	6	220
X intersection	0	0	6	19	19	30	24	18	49	3	169
Other intersection	0	0	2	4	6	17	9	6	7	4	55
Not at intersection	0	3	134	229	161	264	214	116	140	29	1290
Unknown	0	0	0	1	1	0	0	0	1	0	3
Total	0	3	158	287	206	359	284	158	239	42	1736
T intersection		0%	10%	12%	9%	13%	13%	11%	18%		13%
X intersection		0%	4%	7%	9%	8%	8%	11%	21%		10%
Other intersection		0%	1%	1%	3%	5%	3%	4%	3%		3%
Not at intersection		100%	85%	80%	79%	74%	75%	73%	59%		75%
Total		100%	100%	100%	100%	100%	100%	100%	100%		100%
T intersection		0%	7%	16%	9%	22%	17%	8%	20%		100%
X intersection		0%	4%	12%	12%	18%	15%	11%	30%		100%
Other intersection		0%	4%	8%	12%	33%	18%	12%	14%		100%
Not at intersection		0%	11%	18%	13%	21%	17%	9%	11%		100%
Total		0%	9%	17%	12%	21%	17%	9%	14%		100%
Serious injury crashes											
Location											
T intersection	0	4	201	450	345	696	557	342	546	151	3292
X intersection	0	3	113	302	300	638	539	434	668	160	3157
Other intersection	0	2	40	75	72	120	92	67	86	41	595
Not at intersection	2	44	1219	1799	1226	1982	1526	879	1029	397	10103
Unknown	0	0	5	9	5	5	4	3	3	5	39
Total	2	53	1578	2635	1948	3441	2718	1725	2332	754	17186
T intersection	0%	8%	13%	17%	18%	20%	21%	20%	23%		19%
X intersection	0%	6%	7%	12%	15%	19%	20%	25%	29%		18%
Other intersection	0%	4%	3%	3%	4%	3%	3%	4%	4%		3%
Not at intersection	100%	83%	77%	69%	63%	58%	56%	51%	44%		59%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%		100%
T intersection	0%	0%	6%	14%	11%	22%	18%	11%	17%		100%
X intersection	0%	0%	4%	10%	10%	21%	18%	14%	22%		100%
Other intersection	0%	0%	7%	14%	13%	22%	17%	12%	16%		100%
Not at intersection	0%	0%	13%	19%	13%	20%	16%	9%	11%		100%
Total	0%	0%	10%	16%	12%	21%	17%	11%	14%		100%

¹ At least one driver or rider age not stated

Table 5.31 Fatal and serious injury crashes in 1993 by location and age of youngest driver or rider

	Age of youngest driver/rider in crash									Unk ¹	Total
	0-4	5-14	15-19	20-24	25-29	30-39	40-49	50-59	60+		
Fatal crashes											
Location											
T intersection	0	1	37	54	34	43	25	10	10	6	220
X intersection	0	2	29	49	32	22	16	9	6	3	168
Other intersection	0	0	10	7	9	12	9	1	3	4	55
Not at intersection	0	9	196	329	191	252	156	62	66	29	1290
Unknown	0	0	0	1	1	0	1	0	0	0	3
Total	0	12	272	440	267	329	207	82	85	42	1736
T intersection		8%	14%	12%	13%	13%	12%	12%	12%		13%
X intersection		17%	11%	11%	12%	7%	8%	11%	7%		10%
Other intersection		0%	4%	2%	3%	4%	4%	1%	4%		3%
Not at intersection		75%	72%	75%	72%	77%	76%	76%	78%		75%
Total		100%	100%	100%	100%	100%	100%	100%	100%		100%
T intersection		0%	17%	25%	16%	20%	12%	5%	5%		100%
X intersection		1%	18%	30%	19%	13%	10%	5%	4%		100%
Other intersection		0%	20%	14%	18%	24%	18%	2%	6%		100%
Not at intersection		1%	16%	26%	15%	20%	12%	5%	5%		100%
Total		1%	16%	26%	16%	19%	12%	5%	5%		100%
Serious injury crashes											
Location											
T intersection	2	101	607	874	499	582	250	117	109	151	3292
X intersection	0	57	614	802	459	609	262	104	90	160	3157
Other intersection	0	17	111	154	82	100	44	23	23	41	595
Not at intersection	7	172	1735	2417	1418	1863	1048	472	574	397	10103
Unknown	0	0	6	10	5	7	2	2	2	5	39
Total	9	347	3073	4257	2463	3161	1606	718	798	754	17186
T intersection	22%	29%	20%	21%	20%	18%	16%	16%	14%		19%
X intersection	0%	16%	20%	19%	19%	19%	16%	15%	11%		18%
Other intersection	0%	5%	4%	4%	3%	3%	3%	3%	3%		3%
Not at intersection	78%	50%	57%	57%	58%	59%	65%	66%	72%		59%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%		100%
T intersection	0%	3%	19%	28%	16%	19%	8%	4%	3%		100%
X intersection	0%	2%	20%	27%	15%	20%	9%	3%	3%		100%
Other intersection	0%	3%	20%	28%	15%	18%	8%	4%	4%		100%
Not at intersection	0%	2%	18%	25%	15%	19%	11%	5%	6%		100%
Total	0%	2%	19%	26%	15%	19%	10%	4%	5%		100%

¹ At least one driver or rider age not stated

Table 5.32 Fatal and serious injury crashes in 1993 by weather conditions and age of oldest driver or rider or pedestrian

	Age of oldest driver/rider/pedestrian in crash										
	0-4	5-14	15-19	20-24	25-29	30-39	40-49	50-59	60+	Unk ¹	Total
Fatal crashes											
Weather conditions											
Fine	0	3	92	160	129	238	198	115	242	31	1208
Rain	0	0	6	21	10	33	17	11	26	2	126
Other ²	0	0	1	3	4	4	0	3	2	1	18
Unknown	0	0	37	58	40	63	58	44	74	10	384
Total	0	3	136	242	183	338	273	173	344	44	1736
Fine		100%	93%	87%	90%	87%	92%	89%	90%		89%
Rain		0%	6%	11%	7%	12%	8%	9%	10%		9%
Other ²		0%	1%	2%	3%	1%	0%	2%	1%		1%
Total		100%	100%	100%	100%	100%	100%	100%	100%		100%
Fine		0%	8%	14%	11%	20%	17%	10%	21%		100%
Rain		0%	5%	17%	8%	27%	14%	9%	21%		100%
Other ²		0%	6%	18%	24%	24%	0%	18%	12%		100%
Total		0%	8%	14%	11%	21%	16%	10%	20%		100%
Serious injury crashes											
Weather conditions											
Fine	1	34	990	1658	1256	2317	1886	1233	1950	688	12013
Rain	0	3	127	222	190	337	292	194	233	78	1676
Other ²	0	0	8	23	22	30	24	5	6	6	124
Unknown	1	12	324	454	361	648	526	377	590	80	3373
Total	2	49	1449	2357	1829	3332	2728	1809	2779	852	17186
Fine	100%	92%	88%	87%	86%	86%	86%	86%	89%		87%
Rain	0%	8%	11%	12%	13%	13%	13%	14%	11%		12%
Other ²	0%	0%	1%	1%	1%	1%	1%	0%	0%		1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%		100%
Fine	0%	0%	9%	15%	11%	20%	17%	11%	17%		100%
Rain	0%	0%	8%	14%	12%	21%	18%	12%	15%		100%
Other ²	0%	0%	7%	19%	19%	25%	20%	4%	5%		100%
Total	0%	0%	9%	15%	11%	21%	17%	11%	17%		100%

¹ At least one driver or rider or pedestrian age not stated

² Includes fog, mist, smoke and snow

Table 5.33 Fatal and serious injury crashes in 1993 by weather conditions and age of youngest driver or rider or pedestrian

	Age of youngest driver/rider/pedestrian									Unk ¹	Total
	0-4	5-14	15-19	20-24	25-29	30-39	40-49	50-59	60+		
Fatal crashes											
Weather conditions											
Fine	12	32	189	313	188	232	125	49	50	18	1208
Rain	0	0	24	40	15	22	15	6	4	0	126
Other ²	0	0	3	5	3	4	1	1	0	1	18
Unknown	3	11	71	92	58	57	44	17	27	4	384
Total	15	43	287	450	264	315	185	73	81	23	1736
Fine	100%	100%	88%	87%	91%	90%	89%	88%	93%		89%
Rain	0%	0%	11%	11%	7%	9%	11%	11%	7%		9%
Other ²	0%	0%	1%	1%	1%	2%	1%	2%	0%		1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%		100%
Fine	1%	3%	16%	26%	16%	19%	11%	4%	4%		100%
Rain	0%	0%	19%	32%	12%	17%	12%	5%	3%		100%
Other ²	0%	0%	18%	29%	18%	24%	6%	6%	0%		100%
Total	1%	2%	16%	27%	15%	19%	11%	4%	4%		100%
Serious injury crashes											
Weather conditions											
Fine	93	611	2209	2968	1664	2099	1012	417	532	408	12013
Rain	7	42	305	435	260	313	144	68	54	48	1676
Other ²	0	2	13	31	27	27	14	2	4	4	124
Unknown	22	179	700	836	479	567	278	121	135	56	3373
Total	122	834	3227	4270	2430	3006	1448	608	725	516	17186
Fine	93%	93%	87%	86%	85%	86%	86%	86%	90%		87%
Rain	7%	6%	12%	13%	13%	13%	12%	14%	9%		12%
Other ²	0%	0%	1%	1%	1%	1%	1%	0%	1%		1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%		100%
Fine	1%	5%	19%	26%	14%	18%	9%	4%	5%		100%
Rain	0%	3%	19%	27%	16%	19%	9%	4%	3%		100%
Other ²	0%	2%	11%	26%	23%	23%	12%	2%	3%		100%
Total	1%	5%	19%	26%	15%	18%	9%	4%	4%		100%

¹ At least one driver or rider or pedestrian age not stated

² Includes fog, mist, smoke and snow

Appendix: Database limitations

- The database excludes a number of useful data items that are available in only a minority of the source data sets, for example urbanisation of crash site¹, major causal factors, vehicle speed and responsibility for crash.
- Wherever possible, items have generally been included rather than excluded, and this may involve some compromises in terms of conformity. For example, *Accident Type* originates from a variety of sources depending on the jurisdiction concerned. In the larger States the source is DCA/RUM, although generally of differing versions: for other jurisdictions the source is a jurisdiction-specific classification of accident type. For a few other items the full set of classification codes is unavailable for specific jurisdictions.
- For a number of the included data items no information is available for specific jurisdictions, particularly the smaller States and the ACT.

Specifically:

- Other than for Victoria and Tasmania, the database provides no information about crash participants who were not injured.
 - For Victoria, South Australia and the ACT, the data item *injury extent* does not distinguish for minor injury cases between those who received medical attention and those who did not
 - *Number of vehicle occupants* is unavailable for SA and WA
 - *Seat belt use* is unavailable for SA and belt use by bus occupants coded as "not applicable" in Queensland
 - *Helmet use* is unavailable for SA
 - *State of registration* is unavailable for SA and unavailable in full for Tasmania (only coded as Tasmania & Other)
 - *Natural lighting* is unavailable for Queensland and partly unavailable for SA (dawn and dusk codes unavailable).
 - *Weather* is unavailable for Queensland
 - *Road surface type* is unavailable for Queensland
 - *Road surface condition* is unavailable for Queensland
 - *Street lighting* is unavailable for Queensland
 - *Towaway* is unavailable for SA and Tasmania
 - Pedestrian blood alcohol level is unavailable for ACT
 - *Speed limit* is unavailable for ACT
 - *DCA/RUM* is unavailable for SA and Tasmania
- Due to missing information in the source documents of all jurisdictions the database also suffers a high incidence of missing values for operator blood alcohol level and vehicle occupant seat belt use. Also, unlike the BAC data for other jurisdictions, the Victorian data does not separately record the types of missing value "test not taken" and "test result unknown"

¹ Speed limit at crash site, which may be used as a proxy for urbanisation, is available for all States and Territories except ACT