

ASSOCIATION OF GREATER MANCHESTER AUTHORITIES

GREATER MANCHESTER TRANSPORTATION UNIT

REPORTED ROAD CASUALTY STATISTICS GREATER MANCHESTER 2008

COUNTYWIDE TABULATIONS

This is one of two reports produced to accompany the Reported Road Casualty Statistics Greater Manchester 2008 (GMTU Report 1517) report. All commentary is included in the main report. This accompanying report is only available in electronic format.

This report presents countywide tabulations of reported road traffic accident, casualty and vehicle statistics in Greater Manchester.

Sections 1 to 3 provide general reported casualty, accident and vehicle data in detail respectively for Greater Manchester as a whole, whilst Sections 4 and 5 focus the attention on the national contributory factors. In particular, Section 4 shows car drivers involved in injury accidents and speed-related accidents, whereas Section 5 gives tabulations of the distribution of contributory factors by casualty type.

No commentary is provided in this accompanying report, but it is worth noting that in 2008 encouraging progress has been made towards reaching the national targets of a 40% reduction in reported Killed and Seriously Injured (KSI) casualties and a 50% reduction in reported child KSI casualties by 2010. In Greater Manchester as a whole, the total number of reported KSI casualties fell by more than 9% between 2007 and 2008. This is 34% below the base (the average of 1994 to 1998) and a further 9% reduction is required to meet the 2010 KSI target. Reported child KSI casualties fell slightly between 2007 and 2008 and have now met the set 2010 child KSI target for the second consecutive year.

CONTENTS

	Page
1. CASUALTY STATISTICS.....	1
Casualty Trends	2
KSI Casualties	2
All Casualties	4
Casualty Rates	8
Casualties on A Class Roads	10
Casualties on B Class Roads	12
Casualties on Motorways	14
Casualty Rates by Road Class and Casualty Type	16
2. ACCIDENT STATISTICS.....	19
Accidents by Month	20
Accidents by Time of Day	22
Accidents on A Class Roads	28
Accidents on B Class Roads	30
Accidents on Motorways.....	32
3. VEHICLE STATISTICS.....	35
Vehicles Involved in Injury Accidents	36
Vehicle Drivers Involved in Accidents by Sex and Age	37
Vehicles Involved in Injury Accidents by Road Class	38
4. DRIVER STATISTICS.....	39
Drivers Involved in Injury Accidents.....	40
5. CONTRIBUTORY FACTORS	47
Contributory Factor Report – National Factors.....	48
KSI Accidents	50
Child KSI Accidents	51
Pedal Cycle Accidents.....	52
Pedestrian Accidents.....	53

LIST OF TABLES

	Page
1. CASUALTY STATISTICS.....	1
Table 1.1 Casualty Trends in Greater Manchester Average 1999-2003, 2004-2008, Base & National Target	2
Table 1.2 KSI Casualties by Casualty Type Average 1994-98, Average 1999-2003 & 2004-2008	2
Table 1.3 Casualty Types by Severity 2008	4
Table 1.4 Casualty Types by Year 1984-2008	4
Table 1.5 Casualty Types by Sex and Age Group 2008	6
Table 1.6 KSI Casualty Rates by Age Group 2008	8
Table 1.7 All Casualty Rates by Age Group 2008	8
Table 1.8 Car, Goods and All KSI Casualty Rates on A Roads for 2008	10
Table 1.9 Car, Goods and All Casualty Rates on A Roads for 2008	10
Table 1.10 Car, Goods and All KSI Casualty Rates on B Roads for 2008	12
Table 1.11 Car, Goods and All Casualty Rates on B Roads for 2008	12
Table 1.12 Car, Goods and All KSI Casualty Rates on Motorways for 2008	14
Table 1.13 Car, Goods and All Casualty Rates on Motorways for 2008	14
Table 1.14a Casualty Rates by Road Class and Casualty Type – Casualty Rate Per Km, 2008	16
Table 1.14b Casualty Rates by Road Class and Casualty Type – Casualty Rate Per Km, 2008	17
2. ACCIDENT STATISTICS.....	19
Table 2.1 Accidents by Month and Severity in 2008	20
Table 2.2 Average Number of Accidents per Day of Week by Month in 2008	20
Table 2.3 KSI Accidents by Time of Day – Total Average Weekday.....	22
Table 2.4 Accidents by Time of Day – Total Average Weekday	22
Table 2.5 KSI Accidents by Time of Day – Saturday.....	24
Table 2.6 Accidents by Time of Day – Saturday	24
Table 2.7 KSI Accidents by Time of Day – Sunday.....	26
Table 2.8 Accidents by Time of Day – Sunday.....	26
Table 2.9 Car, Goods and All KSI Vehicle Accident Rates on A Roads for 2008	28
Table 2.10 Car, Goods and All Vehicle Accident Rates on A Roads for 2008	28
Table 2.11 Car, Goods and All KSI Vehicle Accident Rates on B Roads for 2008	30
Table 2.12 Car, Goods and All Vehicle Accident Rates on B Roads for 2008	30
Table 2.13 Injury Accident Rates Per 100 Million Vehicle Motorway Kilometres	32

LIST OF TABLES

	Page
3. VEHICLE STATISTICS.....	35
Table 3.1 Vehicles Involved in Injury Accidents	36
Table 3.2 Vehicles Hitting Objects Off the Carriageway.....	36
Table 3.3 Drivers by Vehicle Type, Sex and Age of Driver – 2008	37
Table 3.4 Vehicle Involvement Rates: By Vehicle Type and Road Class 2004-2008	38
4. DRIVER STATISTICS.....	39
Table 4.1 Comparison of Numbers of Young Drivers Involved in Accidents by Sex, for the Years 2006 to 2008.....	40
Table 4.2 Numbers of Car Drivers Involved in Injury Accidents by Time of Day and Sex, for the Years 2006 to 2008.....	41
Table 4.3 Numbers of Car Drivers Involved in KSI Accidents by Time of Day and Sex, for the Years 2006 to 2008.....	42
Table 4.4 Numbers of Car Drivers Involved in Injury Accidents by Day of Week and Sex, for the Years 2006 to 2008.....	43
Table 4.5 Numbers of Car Drivers Involved in KSI Accidents by Day of Week and Sex, for the Years 2006 to 2008.....	43
Table 4.6 Drivers by Age and Gender Involved in Child (0-15) Pedestrian Accidents on All Roads, from 2004 to 2008.....	45
Table 4.7 Drivers by Age and Gender Involved in Child (0-15) Pedestrian Accidents on Minor Roads, from 2004 to 2008.....	46
5. CONTRIBUTORY FACTORS.....	47
Table 5.1 Reporting of Contributory Factors (CFs) for Road Accidents, for the Years 2006 to 2008	48
Table 5.2 Top 52 Contributory Factors - All Accidents, for the Years 2006 to 2008	49
Table 5.3 Top 50 Contributory Factors - KSI Accidents, for the Years 2006 to 2008	50
Table 5.4 Distribution of Contributory Factors - Child KSI Accidents, for the Years 2006 to 2008.....	51
Table 5.5 Top 49 Contributory Factors - Pedal Cycle Accidents, for the Years 2006 to 2008	52
Table 5.6 Top 51 Contributory Factors - Pedestrian Accidents, for the Years 2006 to 2008	53

LIST OF FIGURES

	Page
1. CASUALTY STATISTICS	
1.1 Casualty Trends 1999-2008, Base & Local Target 2010.....	3
1.2 Casualty Types by Year 1984-2008	5
1.3 KSI Casualties by Sex and Age Group 2008	7
1.4 All Casualties by Sex and Age Group 2008	7
1.5 KSI Casualty Rates by Sex and Age Group 2008	9
1.6 All Casualty Rates by Sex and Age Group 2008.....	9
1.7 All Casualty Rates on A Roads by District 2008.....	11
1.8 All Casualty Rates on B Roads by District 2008.....	13
1.9 All Casualty Rates on Motorways 2008.....	15
2. ACCIDENT STATISTICS	
2.1 Injury Accidents by Month 2003-07 Average & 2008	21
2.2 Injury Accidents by Day of Week 2003-07 Average & 2008.....	21
2.3 KSI Accidents & Traffic Flow by Time of Day 2008 - Weekday.....	23
2.4 Accidents & Traffic Flow by Time of Day 2008 - Weekday.....	23
2.5 KSI Accidents & Traffic Flow by Time of Day 2008 - Saturday	25
2.6 Accidents & Traffic Flow by Time of Day 2008 - Saturday	25
2.7 KSI Accidents & Traffic Flow by Time of Day 2008 - Sunday.....	27
2.8 Accidents & Traffic Flow by Time of Day 2008 - Sunday	27
2.9 All Vehicle Accident Rates on A Roads by District 2008	29
2.10 All Vehicle Accident Rates on B Roads by District 2008	31
2.11 Motorways in Greater Manchester	33
2.12 Injury Accident Rates on Motorway Sections 2006-2008	33
4. DRIVER STATISTICS	
4.1 Comparison of Car Drivers Involved in Accidents by Time of day, for the Years 2006 to 2008	44
4.2 Comparison of Car Drivers Involved in Accidents by Day of Week, for the Years 2006 to 2008	44

1. Casualty Statistics

Casualty Trends

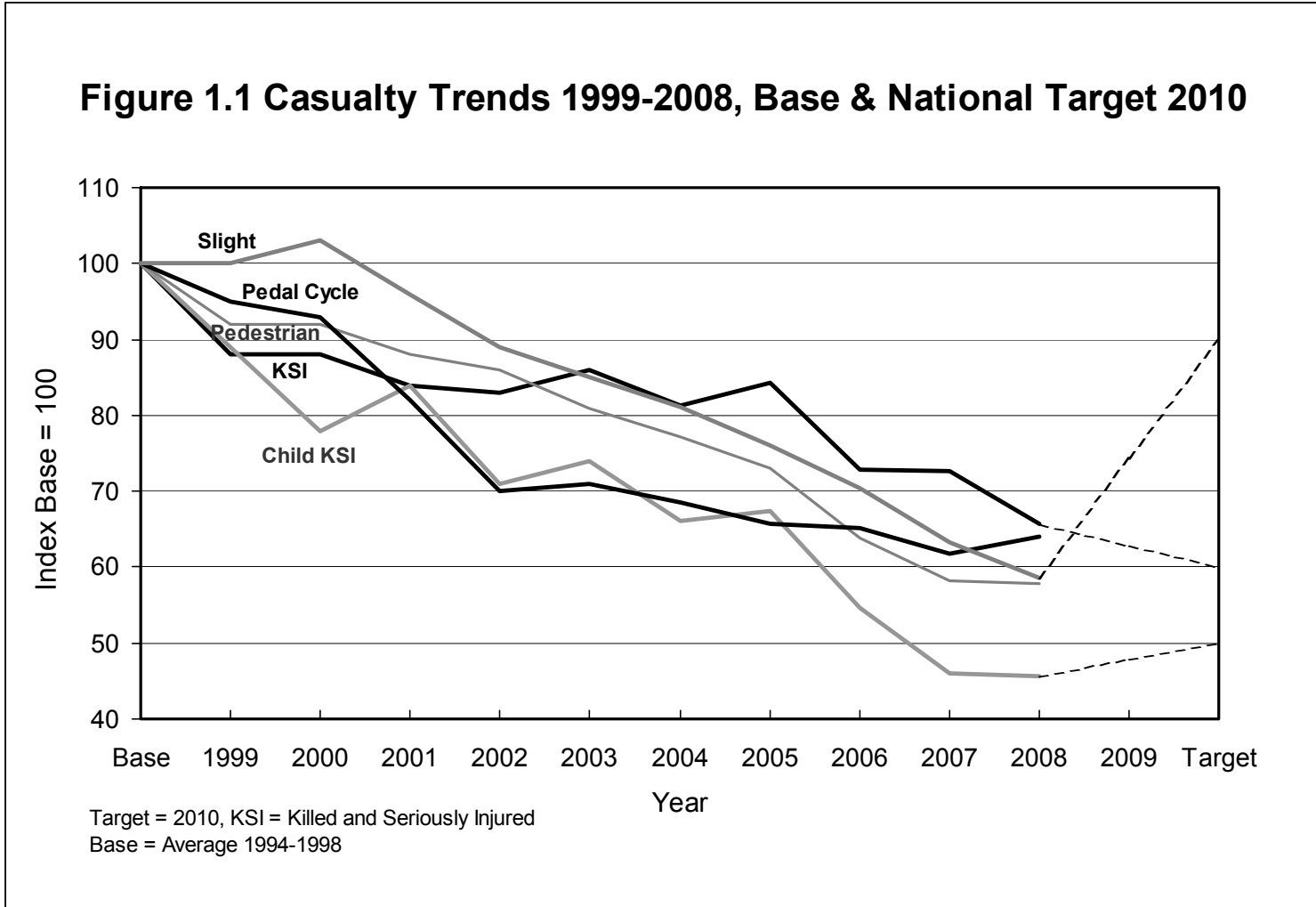
	Base (Ave. 1994-1998)	Average 1999-2003	2004	2005	2006	2007	2008	Target (2010)
All KSI Casualties Index	1281 100	1097 86	1042 81	1080 84	934 73	930 73	843 66	769 40*
Child KSI Casualties Index	304 100	240 79	201 66	205 67	166 55	140 46	139 46	152 50**
Pedestrian Casualties Index	2939 100	2576 88	2269 77	2144 73	1878 64	1712 58	1699 58	
Pedal Cycle Casualties Index	1188 100	977 82	815 69	782 66	774 65	734 62	761 64	
Slight Casualties Index	15426 100	14574 94	12501 81	11725 76	10861 70	9772 63	9038 59	13884 90***
Slight Casualty Rates Index	95.70 100	82.81 87	66.81 70	63.62 66	58.78 61	52.24 55	48.31 50	86.13 90***

Notes: * - A 40% reduction in all KSIs for all Roads (National Target)
 ** - A 50% reduction in Child KSIs for all Roads (National Target)
 *** - A 10% reduction in Slight casualty rates (Rate per 100m Veh kms - DfT website, revised Nov 2008).
 Casualty rates: rate per 100 million vehicle kilometres (the estimated traffic flows used in this calculation are produced by the DfT, but are not considered robust enough to be considered national statistics. Whereas they may be of use for monitoring trends within an area, they should not be used for comparisons between areas.)

KSI Casualties

Casualty Type	Average 1994-1998	Average 1999-2003	2004	2005	2006	2007	2008
Pedestrians:							
Under 16 years	231	180	151	149	120	109	112
16-29 years	100	85	102	105	86	84	92
30-59 years	127	97	101	116	97	86	80
60-74 years	63	47	24	32	34	30	34
Over 74 years	66	51	37	32	29	41	28
Total Pedestrians	587	460	415	434	366	350	346
Pedal Cycle (R&P):							
Under 16 years	40	32	27	26	21	26	15
16-19 years	10	8	5	9	9	7	5
Over 20 years	58	53	46	51	60	52	72
Total Pedal Cycle (R&P)	108	93	78	86	90	85	92
TWPV (R&P):							
Under 20 years	20	36	51	57	39	40	38
20-29 years	46	45	47	41	47	50	40
Over 29 years	62	79	79	93	86	84	89
Total TWPV (R&P)	127	160	177	191	172	174	167
Car Drivers:							
Under 20 years	29	32	22	26	25	19	15
20-29 years	72	58	71	65	62	57	43
Over 29 years	127	108	102	102	69	106	64
Total Car Drivers	229	198	195	193	156	182	122
Car Passengers							
Under 20 years	67	57	49	50	49	32	34
20-29 years	45	44	54	39	43	40	26
Over 29 years	61	46	53	55	27	38	34
Total Car Passengers	173	147	156	144	119	110	94
Others	57	39	21	32	31	29	22
Total KSI	1281	1097	1042	1080	934	930	843

Notes: R&P = Rider and Pillion, KSI= Killed and Seriously Injured,
 Car = From 1999 this definition was revised



All Casualties

Table 1.3 Casualty Types by Severity 2008						
Casualty	Fatal	Serious	Slight	Total	KSI	Severity Index
TWPV Rider	7	152	409	568	159	0.28
TWPV Pillion	0	8	28	36	8	0.22
Car Driver	14	108	3787	3909	122	0.03
Car Passenger	7	87	2149	2243	94	0.04
Pedestrian	27	319	1353	1699	346	0.20
Cyclists (R&P)	4	88	669	761	92	0.12
PCV Passenger	0	4	323	327	4	0.01
Tram (D&P)	0	0	10	10	0	0.00
Goods (D&P)	0	8	207	215	8	0.04
Other	2	8	103	113	10	0.09
Total	61	782	9038	9881	843	0.09

Notes: R&P = Rider and Pillion
D&P = Driver and Passenger
KSI = Killed and Seriously Injured
Severity Index = KSI/Total Casualties

Table 1.4 Casualty Types by Year 1984-2008									
Casualty	Average 1984-88	Average 1989-93	Average 1994-98	Average 1999-2003	2004	2005	2006	2007	2008
TWPV Rider	1643	1014	536	749	741	737	602	619	568
TWPV Pillion	172	84	46	53	55	43	52	23	36
Car Driver	3555	5534	6798	6433	5523	5157	4822	4291	3909
Car Passenger	2682	3627	4029	3757	3327	3032	2883	2568	2243
Pedestrian	3973	3788	2939	2576	2269	2144	1879	1712	1699
Cyclists (R&P)	1344	1349	1188	977	815	782	774	734	761
PCV/Tram (P)	439	4200	491	524	328	398	346	354	337
Other	545	662	681	602	485	512	437	401	328
Total	14353	16479	16708	15671	13543	12805	11795	10702	9881

Notes: R&P = Rider and Pillion
P = Passenger
Car = From 1999 this definition was revised to exclude invalid tricycles and motor caravans

Figure 1.2 Casualty Types by Year 1984-2008

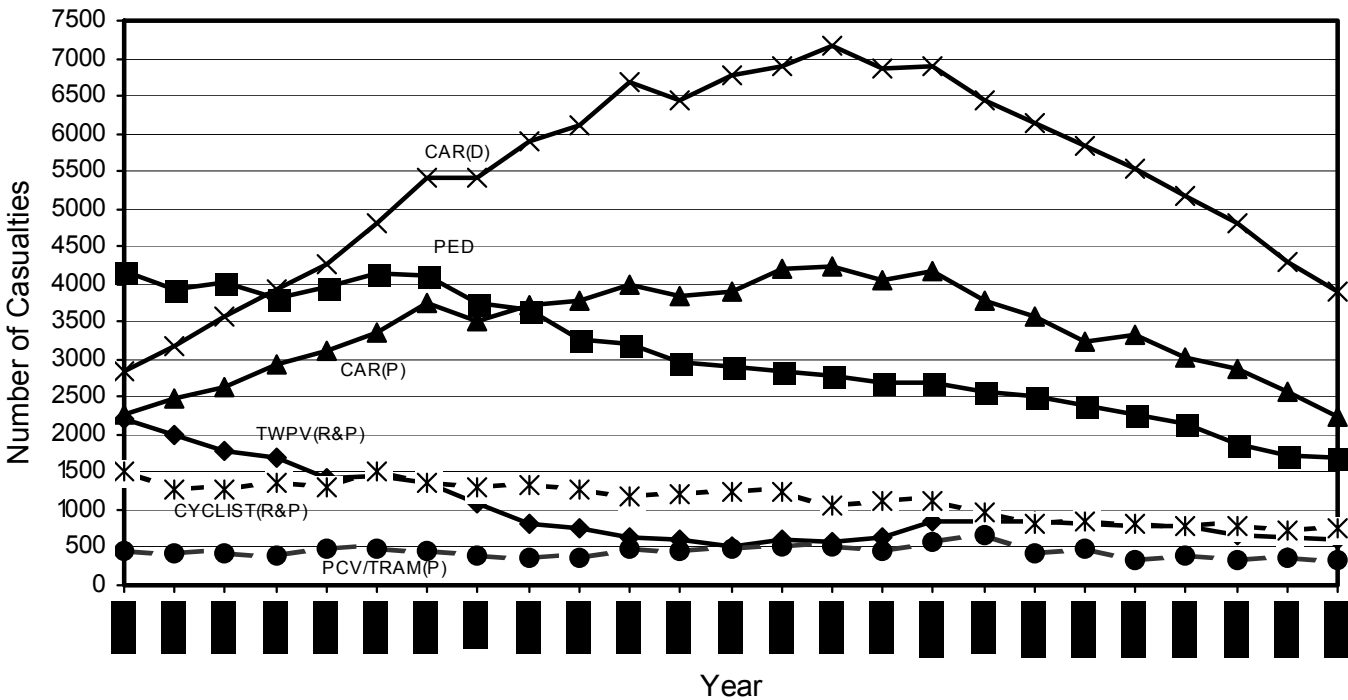
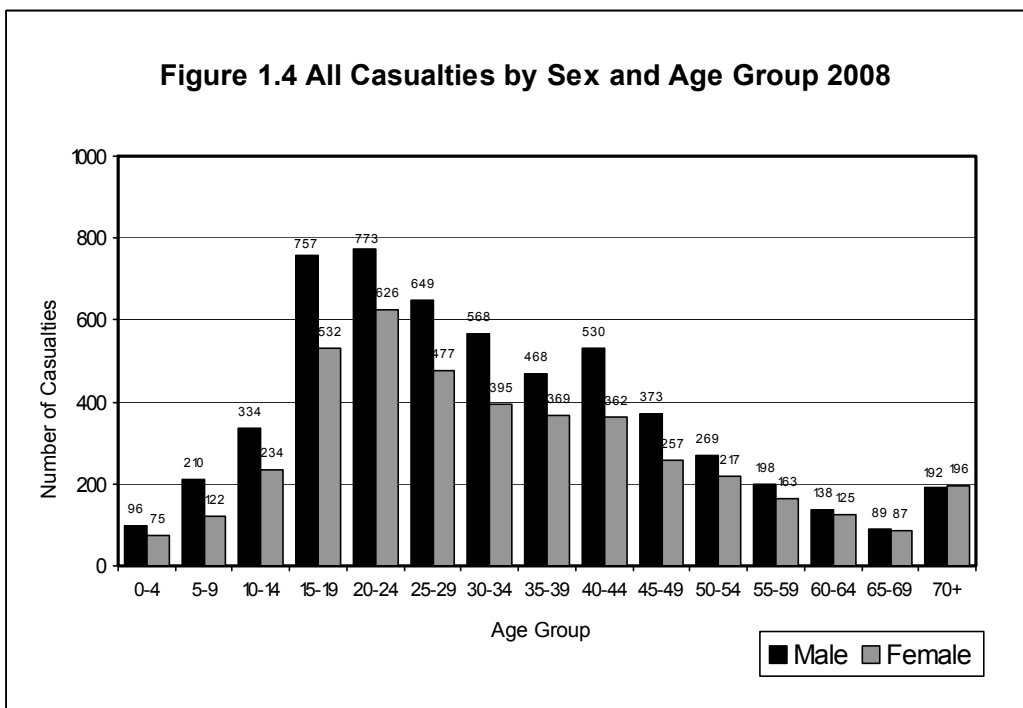
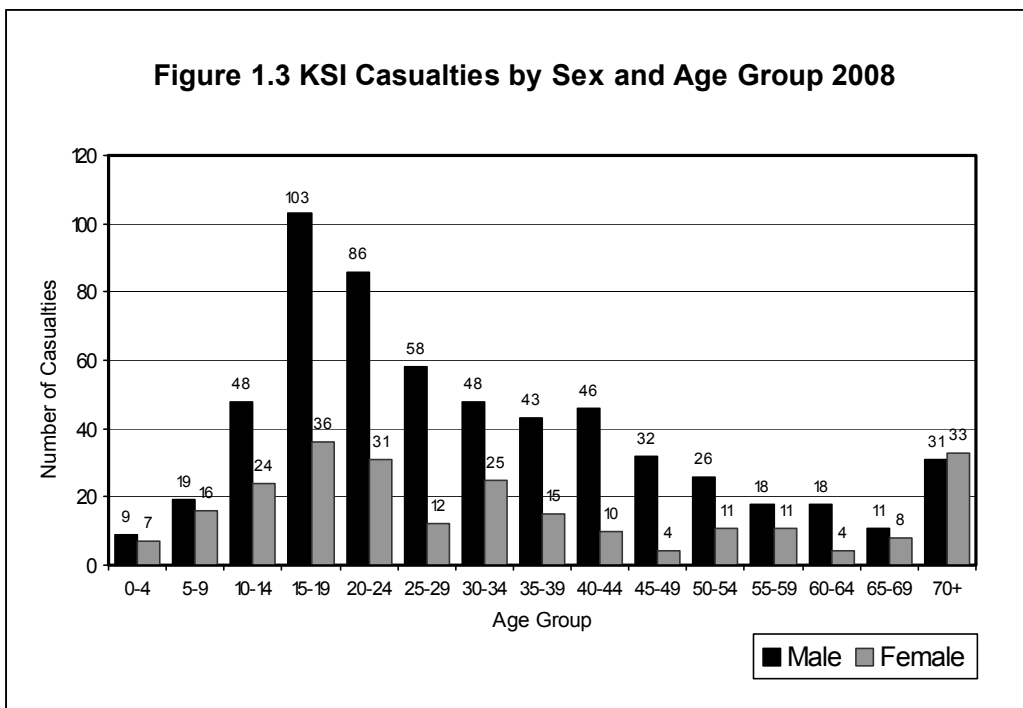


Table 1.5 Casualty Types by Sex and Age Group 2008																
Casualty Type	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70+	Total
MALE																
TWPV Rider	0	0	0	132	74	51	50	62	67	41	25	11	9	5	3	530
TWPV Pillion	0	0	1	6	4	2	1	0	1	2	0	0	0	0	0	17
Car Driver	0	0	1	187	335	281	250	222	233	176	126	105	73	47	85	2121
Car Passenger	42	70	65	201	155	137	68	44	45	28	28	20	9	9	19	940
Pedestrian	46	101	166	147	100	65	82	40	62	32	30	24	23	17	61	996
Pedal Cycle (R&P)	2	33	86	62	62	63	71	58	71	48	34	23	12	3	9	637
PCV/Tram (P)	6	5	12	9	6	8	12	5	14	12	5	5	3	3	10	115
Other	0	1	3	13	37	42	34	37	37	34	21	10	9	5	5	288
Total Male	96	210	334	757	773	649	568	468	530	373	269	198	138	89	192	5644
FEMALE																
TWPV Rider	0	0	0	9	3	6	1	8	4	2	3	1	0	0	1	38
TWPV Pillion	0	0	1	2	2	2	2	4	2	1	0	2	0	1	0	19
Car Driver	0	0	0	126	314	272	212	220	203	138	106	78	50	27	42	1788
Car Passenger	40	54	77	261	201	121	104	74	82	67	62	43	31	28	58	1303
Pedestrian	30	57	126	117	62	42	41	31	35	23	25	25	17	14	58	703
Pedal Cycle (R&P)	0	8	13	3	29	17	14	18	7	6	2	3	1	2	1	124
PCV/Tram (P)	5	2	14	12	11	9	17	6	26	17	18	11	25	14	35	222
Other	0	1	3	2	4	8	4	8	3	3	1	0	1	1	1	40
Total Female	75	122	234	532	626	477	395	369	362	257	217	163	125	87	196	4237
TOTAL	171	332	568	1289	1399	1126	963	837	892	630	486	361	263	176	388	9881

Notes: R&P = Rider and Pillion
P = Passenger



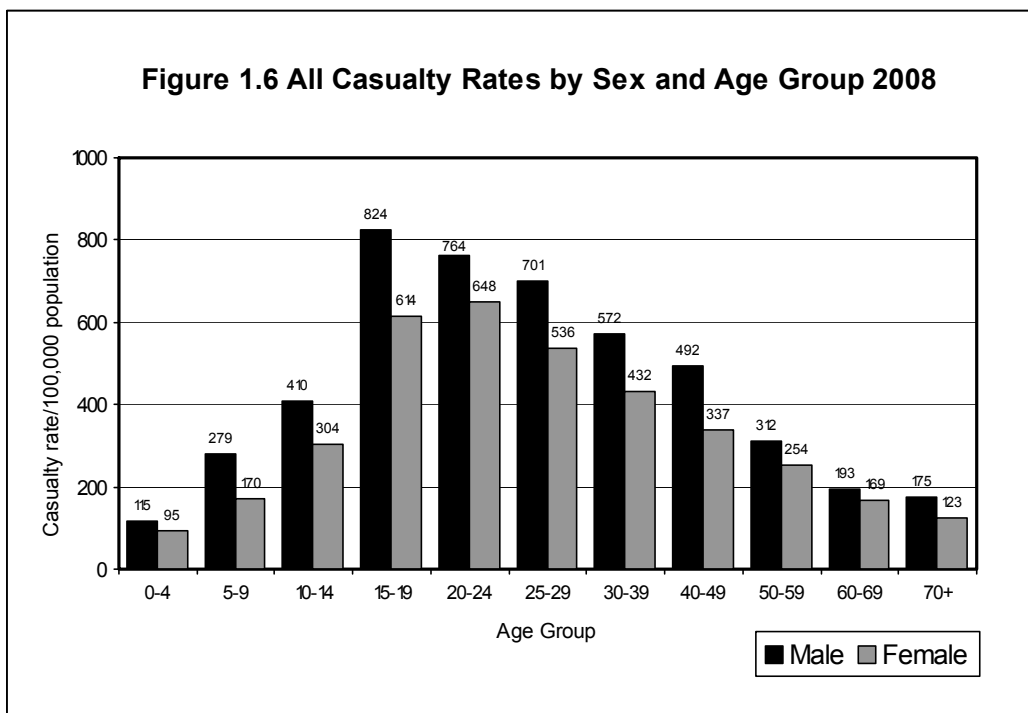
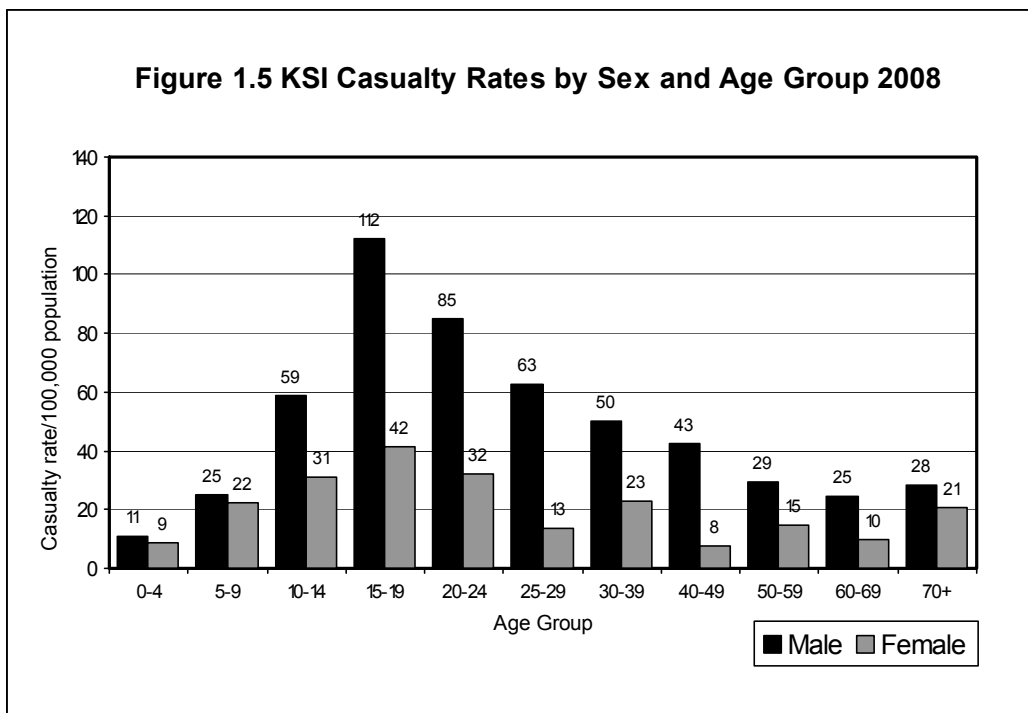
Casualty Rates

Table 1.6 KSI Casualty Rates by Age Group 2008							
Age Group	Population 000's			Casualties		Casualty Rate Per 100,000 Population	
	Total	Males	Females	Male	Female	Male	Female
under 5	162.6	83.6	79.0	9	7	11	9
5 – 9	147.0	75.3	71.7	19	16	25	22
10 – 14	158.3	81.4	76.9	48	24	59	31
15 – 19	178.5	91.9	86.6	103	36	112	42
20 – 24	197.8	101.2	96.6	86	31	85	32
25 – 29	181.6	92.6	89.0	58	12	63	13
30 – 39	357.7	181.0	176.7	91	40	50	23
40 – 49	367.3	183.4	183.9	78	14	43	8
50 – 59	299.5	149.8	149.7	44	22	29	15
60 – 69	243.1	117.8	125.3	29	12	25	10
70+	268.8	109.6	159.2	31	33	28	21
Total	2562.2	1267.6	1294.6	596	247	47	19

Table 1.7 All Casualty Rates by Age Group 2008							
Age Group	Population 000's			Casualties		Casualty Rate Per 100,000 Population	
	Total	Males	Females	Male	Female	Male	Female
under 5	162.6	83.6	79.0	96	75	115	95
5 – 9	147.0	75.3	71.7	210	122	279	170
10 – 14	158.3	81.4	76.9	334	234	410	304
15 – 19	178.5	91.9	86.6	757	532	824	614
20 – 24	197.8	101.2	96.6	773	626	764	648
25 – 29	181.6	92.6	89.0	649	477	701	536
30 – 39	357.7	181.0	176.7	1036	764	572	432
40 – 49	367.3	183.4	183.9	903	619	492	337
50 – 59	299.5	149.8	149.7	467	380	312	254
60 – 69	243.1	117.8	125.3	227	212	193	169
70+	268.8	109.6	159.2	192	196	175	123
Total	2562.2	1267.6	1294.6	5644	4237	445	327

Note:

The table uses figures provided by the Office for National Statistics for the mid-year estimate of population for 2007.



Casualties on A Class Roads

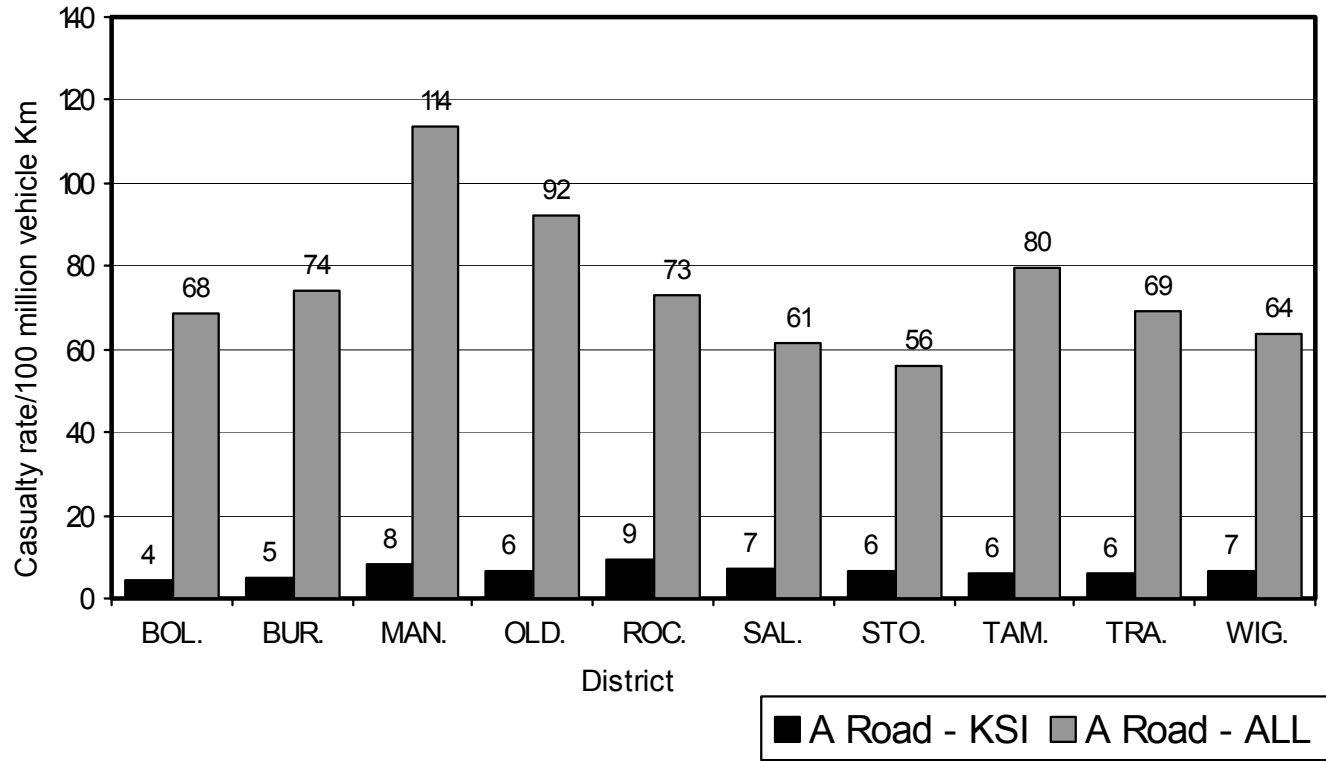
District	Road Length KM	Car KSI Casualties	Casualty Rate Per 100 Million Car Km	Goods KSI Casualties	Casualty Rate Per 100 Million Goods Km	All KSI Casualties	Casualty Rate Per 100 Million Vehicle Km
Bolton	101	7	1	0	0	30	4
Bury	55	7	2	0	0	18	5
Manchester	116	18	2	0	0	85	8
Oldham	98	8	2	1	2	30	6
Rochdale	80	13	3	1	2	41	9
Salford	87	8	1	0	0	49	7
Stockport	84	13	2	0	0	41	6
Tameside	65	7	2	0	0	22	6
Trafford	58	10	3	0	0	25	6
Wigan	117	15	3	0	0	48	7
Greater Manchester	861	106	2	2	0	389	7

District	Road Length KM	Car Casualties	Casualty Rate Per 100 Million Car Km	Goods Casualties	Casualty Rate Per 100 Million Goods Km	All Casualties	Casualty Rate Per 100 Million Vehicle Km
Bolton	101	311	50	7	7	498	68
Bury	55	188	59	6	14	273	74
Manchester	116	698	80	16	14	1150	114
Oldham	98	316	80	11	17	429	92
Rochdale	80	229	59	3	5	329	73
Salford	87	270	46	10	10	429	61
Stockport	84	230	41	9	12	360	56
Tameside	65	180	58	4	8	296	80
Trafford	58	214	58	5	9	297	69
Wigan	117	282	47	15	14	458	64
Greater Manchester	861	2918	58	86	11	4519	77

Notes:

1. Casualty rates per 100 million vehicle kilometres are derived from figures quoted in the GMTU Report 1387 'Transport Statistics Greater Manchester 2007'.
2. A roads include A57(M) but exclude the A627(M).

Figure 1.7 All Casualty Rates on A Roads by District 2008



Casualties on B Class Roads

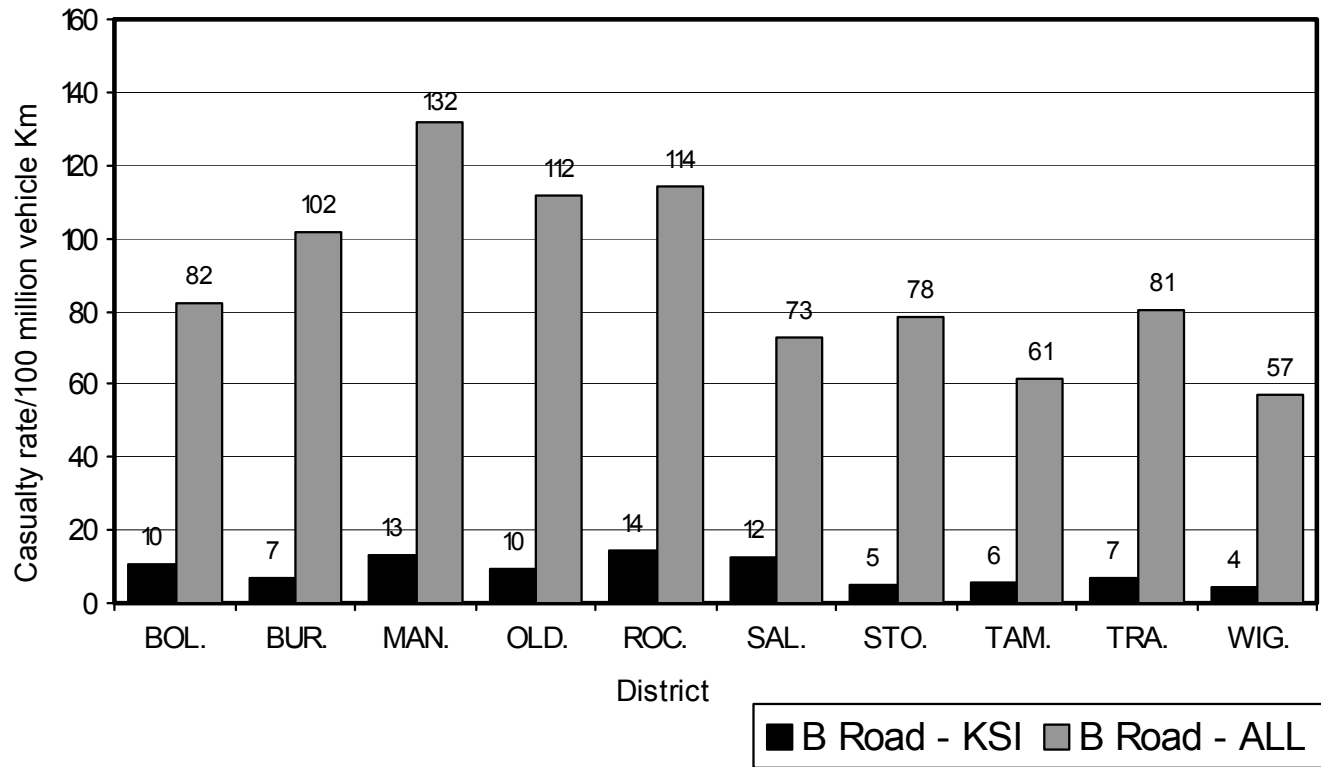
Table 1.10 Car, Goods and All KSI Casualty Rates on B Roads for 2008							
District	Road Length KM	Car KSI Casualties	Casualty Rate Per 100 Million Car Km	Goods KSI Casualties	Casualty Rate Per 100 Million Goods Km	All KSI Casualties	Casualty Rate Per 100 Million Vehicle Km
Bolton	46	6	4	1	5	18	10
Bury	33	2	2	0	0	7	7
Manchester	36	4	3	0	0	23	13
Oldham	30	5	6	0	0	9	10
Rochdale	23	4	5	0	0	14	14
Salford	29	7	7	0	0	14	12
Stockport	36	2	1	0	0	9	5
Tameside	32	2	2	0	0	7	6
Trafford	52	3	2	1	5	15	7
Wigan	56	2	1	0	0	10	4
Greater Manchester	374	37	3	2	1	126	8

Table 1.11 Car, Goods and All Casualty Rates on B Roads for 2008							
District	Road Length KM	Car Casualties	Casualty Rate Per 100 Million Car Km	Goods Casualties	Casualty Rate Per 100 Million Goods Km	All Casualties	Casualty Rate Per 100 Million Vehicle Km
Bolton	46	83	55	4	21	142	82
Bury	33	68	74	1	9	106	102
Manchester	36	114	76	1	6	227	132
Oldham	30	75	94	0	0	104	112
Rochdale	23	72	86	1	9	111	114
Salford	29	45	45	2	17	83	73
Stockport	36	82	54	6	35	135	78
Tameside	32	40	40	0	0	73	61
Trafford	52	91	48	3	15	170	81
Wigan	56	72	35	0	0	136	57
Greater Manchester	374	742	57	18	11	1287	86

Notes:

1. Casualty rates per 100 million vehicle kilometres are derived from figures quoted in the GMTU Report 1387 'Transport Statistics Greater Manchester 2007'.
2. KSI = Killed and Seriously Injured.

Figure 1.8 All Casualty Rates on B Roads by District 2008



Casualties on Motorways

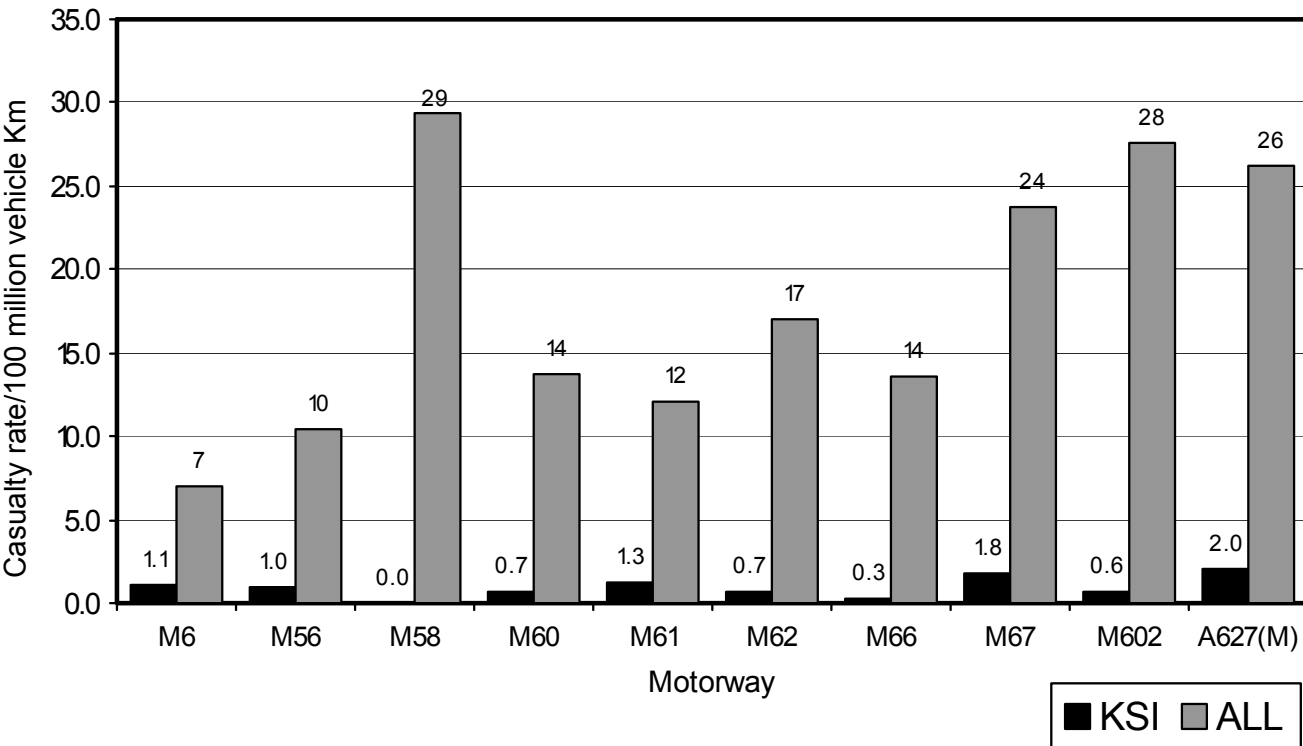
Motorway	Road Length KM	Car KSI Casualties	Casualty Rate Per 100 Million Car Km	Goods KSI Casualties	Casualty Rate Per 100 Million Goods Km	All KSI Casualties	Casualty Rate Per 100 Million Vehicle Km
M6	15	4	1.0	1	0.7	6	1.1
M56	11	1	0.3	0	0.0	4	1.0
M58	1	0	0.0	0	0.0	0	0.0
M60	60	8	0.4	0	0.0	17	0.7
M61	22	5	1.0	0	0.0	8	1.3
M62	27	5	0.6	2	0.6	8	0.7
M66	13	0	0.0	0	0.0	1	0.3
M67	8	2	2.3	0	0.0	2	1.8
M602	7	0	0.0	0	0.0	1	0.6
A627(M)	7	0	0.0	1	4.3	2	2.0
Total	171	25	0.6	4	0.3	49	0.8

Motorway	Road Length KM	Car Casualties	Casualty Rate Per 100 Million Car Km	Goods Casualties	Casualty Rate Per 100 Million Goods Km	All Casualties	Casualty Rate Per 100 Million Vehicle Km
M6	15	33	8	4	3	38	7
M56	11	37	11	2	3	43	10
M58	1	5	34	0	0	6	29
M60	60	298	16	20	3	334	14
M61	22	72	15	1	1	77	12
M62	27	173	21	22	6	197	17
M66	13	38	15	5	6	45	14
M67	8	25	28	0	0	27	24
M602	7	36	29	5	16	43	28
A627(M)	7	21	28	3	13	26	26
Total	171	738	17	62	4	836	14

Notes:

1. Casualty rates per 100 million vehicle kilometres are derived from figures quoted in the GMTU Report 1387 'Transport Statistics Greater Manchester 2007'.
2. KSI = Killed and Seriously Injured.

Figure 1.9 All Casualty Rates on Motorways 2008



Casualty Rates by Road Class and Casualty Type

Table 1.14a Casualty Rates by Road Class and Casualty Type – Casualty Rate Per Km, 2008																		
District	Road Class	Length (Km)	Pedestrian		Pedal Cycle		TWPV		Car		PCV		Goods		Others		All	
			No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Bolton	M	18.3	2	0.11	0	0.00	1	0.05	46	2.51	0	0.00	1	0.05	1	0.05	51	2.79
	A	101.4	74	0.73	34	0.34	40	0.39	311	3.07	21	0.21	7	0.07	11	0.11	498	4.91
	B	49.0	26	0.53	8	0.16	9	0.18	83	1.69	12	0.24	4	0.08	0	0.00	142	2.90
	C	46.9	35	0.75	9	0.19	12	0.26	97	2.07	5	0.11	0	0.00	0	0.00	158	3.37
	U	773.6	68	0.09	23	0.03	11	0.01	81	0.10	10	0.01	2	0.00	1	0.00	196	0.25
	Total	989.2	205	0.21	74	0.07	73	0.07	618	0.62	48	0.05	14	0.01	13	0.01	1045	1.06
Bury	M	20.7	1	0.05	0	0.00	1	0.05	102	4.93	0	0.00	12	0.58	1	0.05	117	5.65
	A	55.1	25	0.45	21	0.38	20	0.36	188	3.41	12	0.22	6	0.11	1	0.02	273	4.95
	B	32.0	13	0.41	8	0.25	11	0.34	68	2.13	5	0.16	1	0.03	0	0.00	106	3.31
	C	37.6	17	0.45	10	0.27	3	0.08	62	1.65	8	0.21	4	0.11	0	0.00	104	2.77
	U	550.0	25	0.05	11	0.02	6	0.01	42	0.08	1	0.00	1	0.00	1	0.00	87	0.16
	Total	695.4	81	0.12	50	0.07	41	0.06	462	0.66	26	0.04	24	0.03	3	0.00	687	0.99
Manchester	M	17.4	2	0.11	0	0.00	5	0.29	55	3.16	0	0.00	2	0.11	0	0.00	64	3.68
	T	2.2	0	0.00	0	0.00	3	1.36	13	5.91	0	0.00	4	1.82	0	0.00	20	9.09
	A	115.4	178	1.54	116	1.01	71	0.62	685	5.94	52	0.45	12	0.10	16	0.14	1130	9.79
	B	38.1	46	1.21	45	1.18	11	0.29	114	2.99	9	0.24	1	0.03	1	0.03	227	5.96
	C	83.9	96	1.14	42	0.50	32	0.38	352	4.20	14	0.17	10	0.12	4	0.05	550	6.56
	U	1108.3	128	0.12	36	0.03	16	0.01	220	0.20	22	0.02	8	0.01	7	0.01	437	0.39
	Total	1365.3	450	0.33	239	0.18	138	0.10	1439	1.05	97	0.07	37	0.03	28	0.02	2428	1.78
Oldham	M	6.6	3	0.45	0	0.00	0	0.00	23	3.48	0	0.00	3	0.45	0	0.00	29	4.39
	T	4.2	5	1.19	2	0.48	0	0.00	29	6.90	1	0.24	0	0.00	0	0.00	37	8.81
	A	94.1	47	0.50	19	0.20	15	0.16	287	3.05	10	0.11	11	0.12	3	0.03	392	4.17
	B	31.2	17	0.54	2	0.06	3	0.10	75	2.40	5	0.16	0	0.00	2	0.06	104	3.33
	C	31.6	34	1.08	7	0.22	7	0.22	106	3.35	1	0.03	7	0.22	2	0.06	164	5.19
	U	665.8	41	0.06	10	0.02	4	0.01	78	0.12	5	0.01	0	0.00	0	0.00	138	0.21
	Total	833.5	147	0.18	40	0.05	29	0.03	598	0.72	22	0.03	21	0.03	7	0.01	864	1.04
Rochdale	M	24.2	1	0.04	0	0.00	1	0.04	129	5.33	0	0.00	18	0.74	0	0.00	149	6.16
	A	79.6	56	0.70	12	0.15	25	0.31	229	2.88	3	0.04	3	0.04	1	0.01	329	4.13
	B	24.0	20	0.83	6	0.25	7	0.29	72	3.00	5	0.21	1	0.04	0	0.00	111	4.63
	C	34.3	18	0.52	2	0.06	6	0.17	53	1.55	1	0.03	1	0.03	1	0.03	82	2.39
	U	636.6	46	0.07	17	0.03	5	0.01	60	0.09	1	0.00	1	0.00	0	0.00	130	0.20
	Total	798.7	141	0.18	37	0.05	44	0.06	543	0.68	10	0.01	24	0.03	2	0.00	801	1.00

Notes: Road Lengths published by DfT in October 2007. The A57(M) included in A road and Motorway includes the A627(M). Road lengths used in vehicle kilometres and previous year in 2006 differ slightly especially for Unclassified Roads

District	Road Class	Length (Km)	Pedestrian		Pedal Cycle		TWPV		Car		PCV		Goods		Others		All	
			No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Salford	M	30.1	1	0.03	0	0.00	6	0.20	194	6.45	0	0.00	14	0.47	1	0.03	216	7.18
	A	87.5	62	0.71	36	0.41	31	0.35	270	3.09	14	0.16	10	0.11	6	0.07	429	4.90
	B	31.7	19	0.60	6	0.19	8	0.25	45	1.42	2	0.06	2	0.06	1	0.03	83	2.62
	C	28.6	23	0.80	7	0.24	4	0.14	33	1.15	4	0.14	0	0.00	0	0.00	71	2.48
	U	616.5	41	0.07	15	0.02	11	0.02	44	0.07	4	0.01	5	0.01	2	0.00	122	0.20
	Total	794.4	146	0.18	64	0.08	60	0.08	586	0.74	24	0.03	31	0.04	10	0.01	921	1.16
Stockport	M	12.4	0	0.00	0	0.00	2	0.16	42	3.39	0	0.00	0	0.00	0	0.00	44	3.55
	A	84.1	52	0.62	21	0.25	26	0.31	230	2.73	21	0.25	9	0.11	1	0.01	360	4.28
	B	35.9	21	0.58	12	0.33	11	0.31	82	2.28	3	0.08	6	0.17	0	0.00	135	3.76
	C	43.4	22	0.51	17	0.39	9	0.21	91	2.10	4	0.09	0	0.00	4	0.09	147	3.39
	U	818.3	39	0.05	14	0.02	9	0.01	50	0.06	5	0.01	2	0.00	0	0.00	119	0.15
	Total	994.1	134	0.13	64	0.06	57	0.06	495	0.50	33	0.03	17	0.02	5	0.01	805	0.81
Tameside	M	15.3	0	0.00	0	0.00	2	0.13	58	3.79	0	0.00	2	0.13	0	0.00	62	4.05
	T	3.2	3	0.94	0	0.00	0	0.00	9	2.81	2	0.63	0	0.00	0	0.00	14	4.38
	A	63.1	46	0.73	14	0.22	34	0.54	171	2.71	11	0.17	4	0.06	2	0.03	282	4.47
	B	30.8	16	0.52	9	0.29	6	0.19	40	1.30	2	0.06	0	0.00	0	0.00	73	2.37
	C	37.4	27	0.72	7	0.19	9	0.24	71	1.90	4	0.11	1	0.03	0	0.00	119	3.18
	U	616.6	40	0.06	7	0.01	9	0.01	47	0.08	4	0.01	2	0.00	0	0.00	109	0.18
	Total	766.4	132	0.17	37	0.05	60	0.08	396	0.52	23	0.03	9	0.01	2	0.00	659	0.86
Trafford	M	9.5	1	0.11	0	0.00	2	0.21	51	5.37	0	0.00	6	0.63	0	0.00	60	6.32
	A	58.4	26	0.45	34	0.58	13	0.22	214	3.66	3	0.05	5	0.09	2	0.03	297	5.09
	B	48.9	23	0.47	22	0.45	7	0.14	91	1.86	20	0.41	3	0.06	4	0.08	170	3.48
	C	48.5	29	0.60	26	0.54	2	0.04	90	1.86	4	0.08	1	0.02	0	0.00	152	3.13
	U	633.2	17	0.03	15	0.02	0	0.00	18	0.03	0	0.00	2	0.00	0	0.00	52	0.08
	Total	798.5	96	0.12	97	0.12	24	0.03	464	0.58	27	0.03	17	0.02	6	0.01	731	0.92
Wigan	M	16.7	0	0.00	0	0.00	2	0.12	38	2.28	0	0.00	4	0.24	0	0.00	44	2.63
	A	116.6	77	0.66	22	0.19	39	0.33	282	2.42	20	0.17	15	0.13	3	0.03	458	3.93
	B	54.7	20	0.37	7	0.13	15	0.27	72	1.32	20	0.37	0	0.00	2	0.04	136	2.49
	C	67.7	27	0.40	6	0.09	6	0.09	95	1.40	7	0.10	0	0.00	2	0.03	143	2.11
	U	884.2	43	0.05	24	0.03	16	0.02	64	0.07	8	0.01	2	0.00	2	0.00	159	0.18
	Total	1139.9	167	0.15	59	0.05	78	0.07	551	0.48	55	0.05	21	0.02	9	0.01	940	0.82
Greater Manchester	M	171.2	11	0.06	0	0.00	22	0.13	738	4.31	0	0.00	62	0.36	3	0.02	836	4.88
	T	9.6	8	0.83	2	0.21	3	0.31	51	5.31	3	0.31	4	0.42	0	0.00	71	7.40
	A	855.3	643	0.75	329	0.38	314	0.37	2867	3.35	167	0.20	82	0.10	46	0.05	4448	5.20
	B	376.3	221	0.59	125	0.33	88	0.23	742	1.97	83	0.22	18	0.05	10	0.03	1287	3.42
	C	459.9	328	0.71	133	0.29	90	0.20	1050	2.28	52	0.11	24	0.05	13	0.03	1690	3.67
	U	7303.1	488	0.07	172	0.02	87	0.01	704	0.10	60	0.01	25	0.00	13	0.00	1549	0.21
	Total	9175.4	1699	0.19	761	0.08	604	0.07	6152	0.67	365	0.04	215	0.02	85	0.01	9881	1.08

Notes: Road Lengths published by DfT in October 2007. The A57(M) included in A road and Motorway includes the A627(M). Road lengths used in vehicle kilometres and previous year in 2006 differ slightly especially for Unclassified Roads

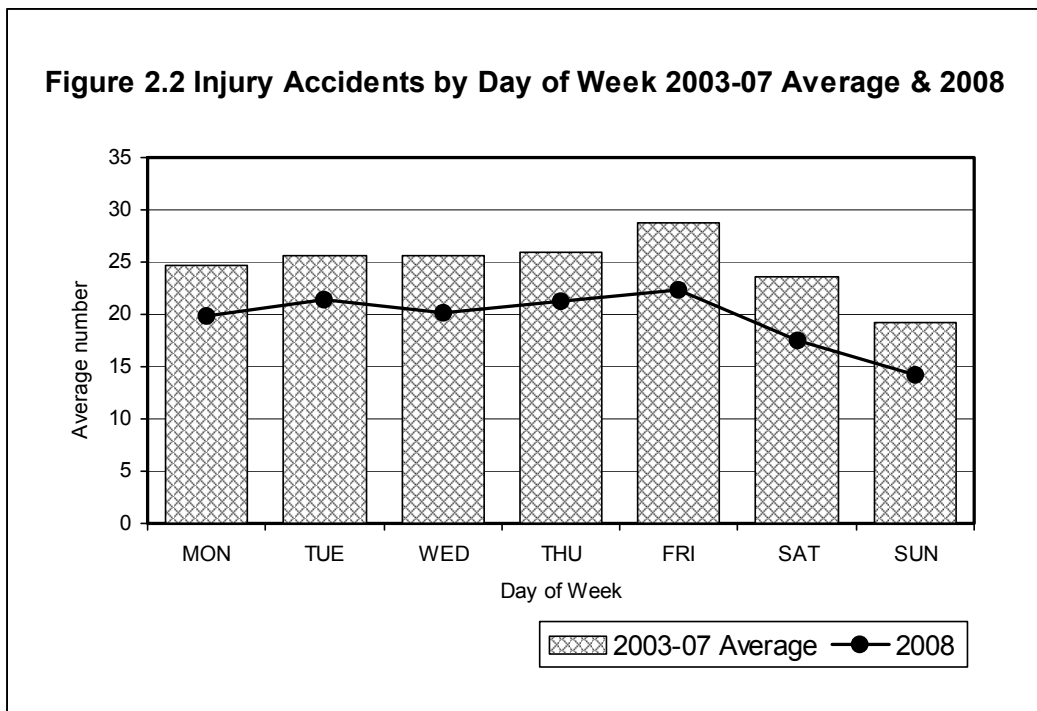
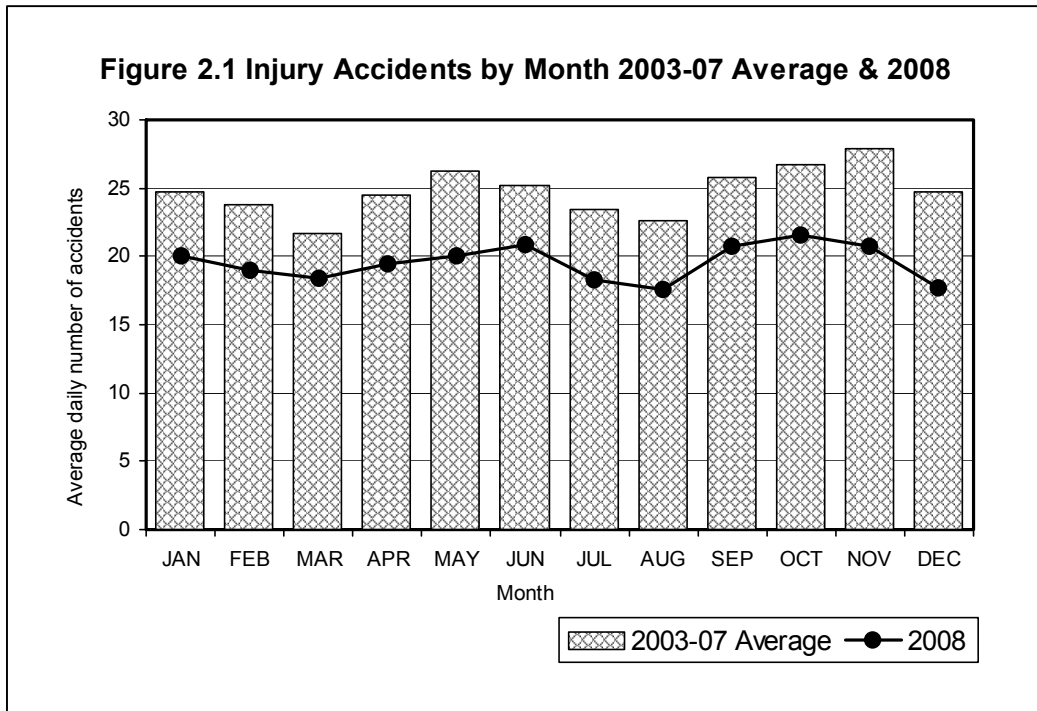
2. Accident Statistics

Accidents by Month

Table 2.1 Accidents by Month and Severity in 2008						
Month	Fatal	Serious	Slight	Total	KSI	Severity Index
January	8	60	554	622	68	0.11
February	1	56	494	551	57	0.10
March	4	58	508	570	62	0.11
April	6	52	525	583	58	0.10
May	8	56	557	621	64	0.10
June	3	74	550	627	77	0.12
July	2	61	502	565	63	0.11
August	10	61	473	544	71	0.13
September	3	63	558	624	66	0.11
October	4	84	580	668	88	0.13
November	3	62	558	623	65	0.10
December	5	53	490	548	58	0.11
Total 2008	57	740	6349	7146	797	0.11
2007	89	778	6772	7639	867	0.11
2006	86	785	7557	8428	871	0.10
2005	81	894	8247	9222	975	0.11
2004	88	850	8822	9760	938	0.10
2003	114	884	9188	10186	998	0.10
2002	81	896	9568	10545	977	0.09
2001	102	875	10273	11250	977	0.09
2000	99	889	11022	12010	988	0.08
1999	84	929	10671	11684	1013	0.09
Ave 1994-98	106	1045	10925	12076	1151	0.10

Notes: KSI = Killed and Seriously Injured Severity Index = KSI/Total Accidents

Table 2.2 Average Number of Accidents per Day of Week by Month in 2008								
Month	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Average
January	24.3	23.2	19.6	19.4	21.5	17.8	14.3	20.1
February	19.8	19.3	20.8	18.8	22.6	16.0	15.0	19.0
March	16.2	20.5	20.3	24.8	20.5	16.8	12.2	18.4
April	20.8	17.2	21.6	24.3	21.5	16.8	14.0	19.4
May	17.3	20.3	22.3	21.4	22.4	18.4	17.8	20.0
June	19.8	19.5	27.5	24.5	23.5	16.0	16.8	20.9
July	17.0	20.8	17.2	17.2	25.5	17.5	12.3	18.2
August	18.3	25.3	17.8	19.3	17.2	15.6	11.6	17.5
September	20.4	24.0	21.0	21.3	24.0	17.8	16.5	20.8
October	19.5	26.5	21.2	25.2	21.6	19.8	16.3	21.5
November	25.3	22.3	20.3	22.3	22.8	21.2	13.2	20.8
December	20.0	18.4	14.8	17.3	25.8	16.8	10.8	17.7
Total 2008	19.8	21.4	20.2	21.3	22.3	17.6	14.2	19.5
2007	21.4	21.5	22.8	22.2	23.0	19.2	16.5	20.9
2006	22.2	22.4	23.6	25.6	27.0	22.7	18.1	23.1
2005	24.1	26.3	26.8	25.7	29.5	24.4	20.1	25.3
2004	26.2	28.4	26.9	27.7	31.0	26.0	20.3	26.7
2003	29.6	29.2	27.9	28.9	33.2	25.7	20.8	27.9
2002	29.7	28.8	29.9	30.8	33.7	27.0	22.3	28.9
2001	29.4	31.3	32.8	33.1	35.1	30.4	23.7	30.8
2000	33.5	34.2	33.3	33.1	37.7	32.8	25.4	32.8
1999	32.1	32.9	33.1	35.2	36.5	30.1	24.2	32.0
Ave 1994-98	33.3	33.4	34.4	35.7	38.7	31.8	24.3	33.1

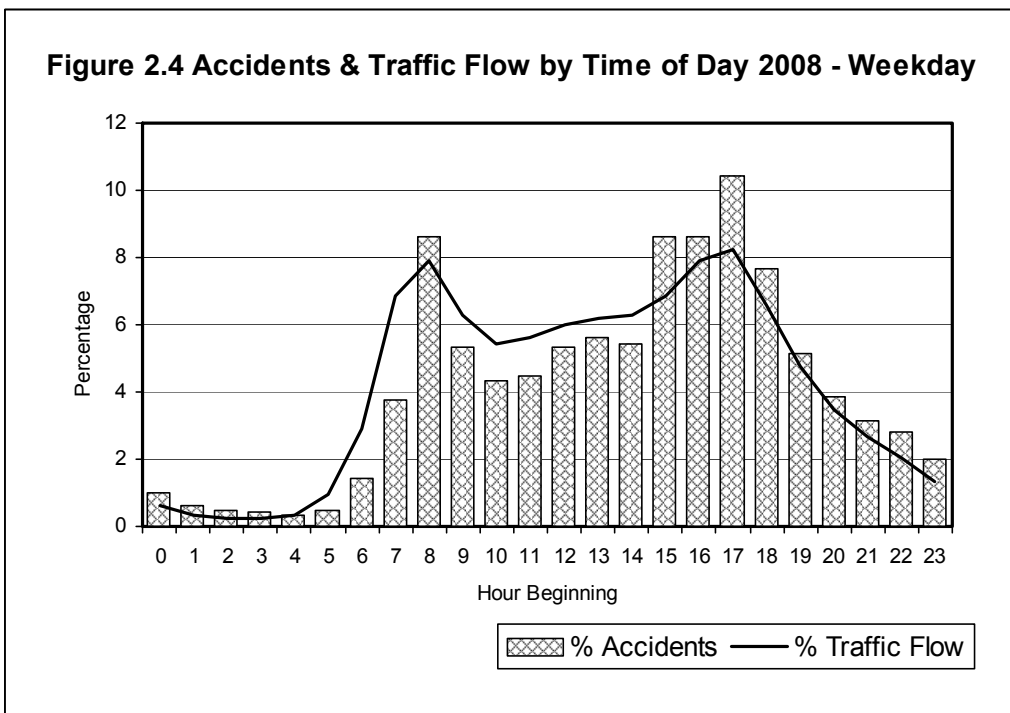
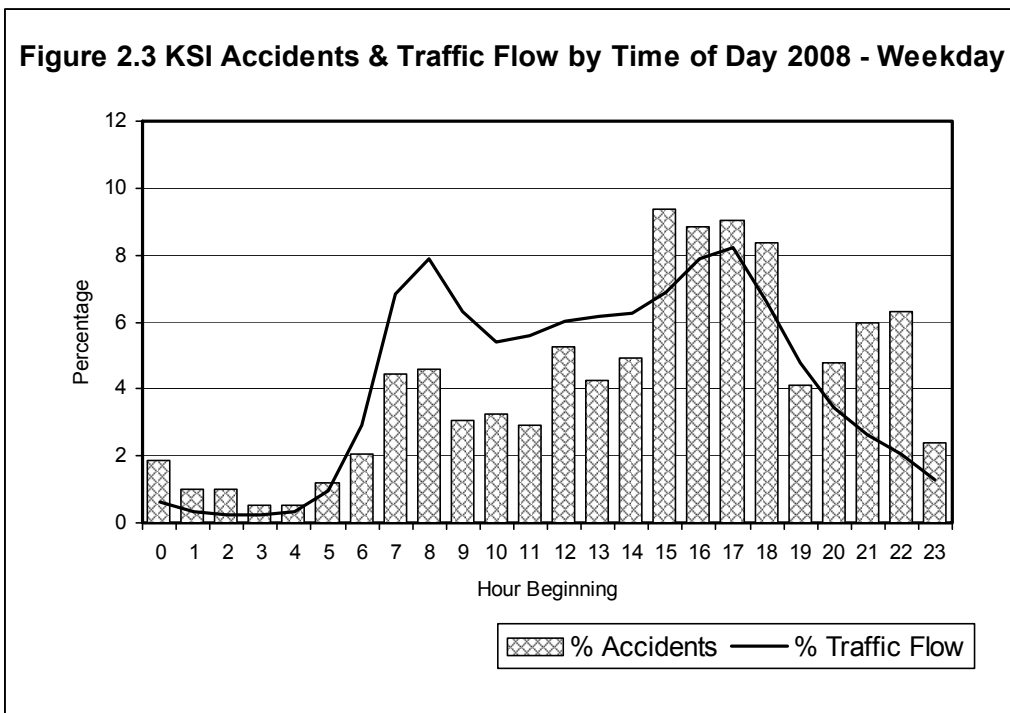


Accidents by Time of Day

Table 2.3 KSI Accidents by Time of Day – Total Average Weekday								
From Hour	Average 1994-98	Average 1999-2003	2004	2005	2006	2007	2008	% KSI accidents/ % traffic volume
0000	2.4	2.6	2.6	2.8	2.6	2.2	2.2	3.1
0100	1.8	1.6	2.4	2.6	0.8	0.6	1.2	3.1
0200	1.2	1.9	1.6	1.8	2.2	1.6	1.2	4.2
0300	1.0	1.1	2.4	1.2	0.4	0.8	0.6	2.2
0400	0.7	0.4	0.4	0.2	0.4	1.6	0.6	1.5
0500	1.1	1.2	1.6	1.2	1.6	0.8	1.4	1.3
0600	2.2	1.8	1.8	1.4	2.4	1.8	2.4	0.7
0700	5.7	6.0	5.2	4.0	5.8	4.4	5.2	0.6
0800	8.5	7.8	9.0	7.6	6.6	8.0	5.4	0.6
0900	5.6	4.7	3.4	6.0	2.6	5.2	3.6	0.5
1000	6.2	4.2	3.8	3.4	5.2	3.4	3.8	0.6
1100	6.4	4.9	5.4	5.6	4.2	4.6	3.4	0.5
1200	7.2	6.4	3.4	6.8	5.8	4.4	6.2	0.9
1300	8.5	6.1	3.8	8.2	4.4	6.8	5.0	0.7
1400	7.6	8.1	5.8	6.6	7.4	5.4	5.8	0.8
1500	13.0	11.2	10.2	11.0	8.0	10.8	11.0	1.4
1600	16.2	13.3	13.0	12.0	12.6	7.6	10.4	1.1
1700	16.6	13.5	12.8	14.4	9.2	10.6	10.6	1.1
1800	13.3	11.6	10.0	9.0	10.0	13.2	9.8	1.3
1900	12.2	9.2	8.2	9.0	8.2	9.8	4.8	0.9
2000	10.2	7.3	8.4	5.8	9.6	5.4	5.6	1.4
2100	7.5	5.1	6.8	5.4	4.2	4.8	7.0	2.3
2200	6.4	4.5	4.6	4.4	4.4	5.8	7.4	3.1
2300	5.8	5.4	4.0	5.8	4.8	3.2	2.8	1.8
Total	167.4	139.8	130.6	136.2	123.4	122.8	117.4	

Table 2.4 Accidents by Time of Day – Total Average Weekday								
From Hour	Average 1994-98	Average 1999-2003	2004	2005	2006	2007	2008	% accidents/ % traffic volume
0000	16.8	17.1	15.4	15.2	14.4	11.6	11.0	1.7
0100	9.0	10.5	10.4	8.6	8.4	6.6	7.0	1.9
0200	8.0	9.2	10.8	8.4	9.6	9.8	5.0	1.9
0300	3.8	5.4	6.4	4.4	4.4	4.6	4.8	1.9
0400	3.5	3.4	3.2	4.2	2.6	4.6	3.6	1.0
0500	6.8	6.7	7.4	5.6	5.6	8.0	5.2	0.5
0600	17.5	16.8	17.0	13.0	18.4	14.0	15.8	0.5
0700	77.5	68.6	63.2	55.6	49.4	48.2	41.2	0.5
0800	147.7	135.7	111.6	107.2	96.8	92.4	95.0	1.1
0900	93.3	88.5	73.0	71.8	59.4	57.8	58.4	0.8
1000	78.8	69.0	58.6	60.6	54.6	48.6	47.6	0.8
1100	86.7	74.9	63.8	64.8	56.8	45.4	49.0	0.8
1200	97.1	90.7	76.2	78.4	68.6	65.2	58.8	0.9
1300	109.0	97.8	75.6	77.8	65.8	69.0	62.0	0.9
1400	101.5	95.0	81.0	76.8	75.4	64.8	59.6	0.9
1500	145.9	141.0	133.2	117.8	105.0	98.2	94.6	1.3
1600	171.9	152.8	140.2	120.4	112.0	99.8	94.6	1.1
1700	186.8	168.4	147.2	136.6	118.8	116.8	114.8	1.3
1800	131.9	127.6	106.6	101.0	92.8	93.0	84.4	1.2
1900	104.9	94.8	83.6	76.2	70.4	63.6	56.6	1.1
2000	83.7	75.4	62.8	59.0	59.6	47.6	42.6	1.1
2100	62.1	55.2	53.0	45.6	41.4	37.2	34.8	1.2
2200	46.5	41.7	40.6	36.8	41.6	29.4	30.8	1.4
2300	39.2	32.7	29.0	31.2	29.4	20.4	22.2	1.5
Total	1829.8	1678.8	1469.8	1377.0	1261.2	1156.6	1099.4	

Note: The percentage of weekday traffic volumes used in the above tables is based on results from 43 two-way ATC sites on A roads throughout the county in 2008 (Table 2.11, GMTU Report 1476)



Note:

To compare the weekday distribution of accidents with those of Saturday and Sunday, the total average weekday was calculated:

Total weekday accidents occurring in hour

From Hour	Average 1994-98	Average 1999-2003	2004	2005	2006	2007	2008	% KSI accidents/ % traffic volume
0000	7	8	9	6	6	7	3	1.6
0100	6	8	4	9	9	12	10	7.9
0200	8	7	19	5	10	6	7	7.2
0300	2	3	3	5	6	4	6	7.6
0400	1	3	2	3	2	2	0	0.0
0500	1	2	1	2	3	2	2	2.1
0600	2	2	4	3	2	2	0	0.0
0700	3	2	3	3	1	1	0	0.0
0800	2	3	2	7	3	5	2	0.4
0900	3	2	0	2	4	7	3	0.5
1000	7	7	4	4	3	5	2	0.3
1100	8	8	6	5	2	5	4	0.5
1200	8	8	8	8	5	6	4	0.4
1300	10	9	9	3	6	1	8	0.8
1400	11	8	5	15	10	9	6	0.7
1500	10	10	4	14	5	9	3	0.3
1600	15	11	8	10	3	6	7	0.8
1700	15	9	5	12	13	11	8	1.0
1800	13	13	11	5	6	13	9	1.3
1900	9	12	11	12	12	7	8	1.4
2000	9	8	12	11	10	5	4	0.9
2100	9	7	10	10	7	2	11	3.4
2200	6	7	5	9	8	4	4	1.4
2300	10	9	14	8	8	6	6	2.3
Total	175	166	159	171	144	137	117	

From Hour	Average 1994-98	Average 1999-2003	2004	2005	2006	2007	2008	% accidents/ % traffic volume
0000	53	54	48	45	44	36	25	1.7
0100	32	38	32	31	40	29	27	2.7
0200	39	43	48	25	35	30	28	3.7
0300	13	23	33	20	22	20	19	3.1
0400	10	12	9	15	22	13	9	1.7
0500	6	9	6	5	14	13	6	0.8
0600	11	10	17	10	11	15	5	0.4
0700	25	19	16	17	13	15	15	0.7
0800	36	32	29	20	26	24	16	0.5
0900	53	40	31	28	34	35	26	0.5
1000	71	70	68	44	46	52	37	0.6
1100	106	97	72	81	66	44	50	0.7
1200	129	119	100	105	79	65	64	0.9
1300	137	117	79	97	88	66	57	0.8
1400	137	115	93	97	79	76	63	0.9
1500	118	106	85	93	75	65	60	0.9
1600	118	105	84	74	73	65	53	0.8
1700	119	100	85	91	84	59	61	1.0
1800	104	98	103	84	61	70	68	1.3
1900	92	88	82	89	72	63	59	1.3
2000	87	73	81	70	59	48	55	1.6
2100	63	54	50	55	50	39	39	1.5
2200	45	50	52	52	40	30	37	1.6
2300	56	56	51	43	46	25	34	1.7
Total	1658	1526	1354	1291	1179	997	913	

Note: The percentage of Saturday traffic volumes used in the above tables is based on results from 43 two-way ATC sites on A roads throughout the county in 2008 (Table 2.11, GMTU Report 1476)

Figure 2.5 KSI Accidents & Traffic Flow by Time of Day 2008 - Saturday

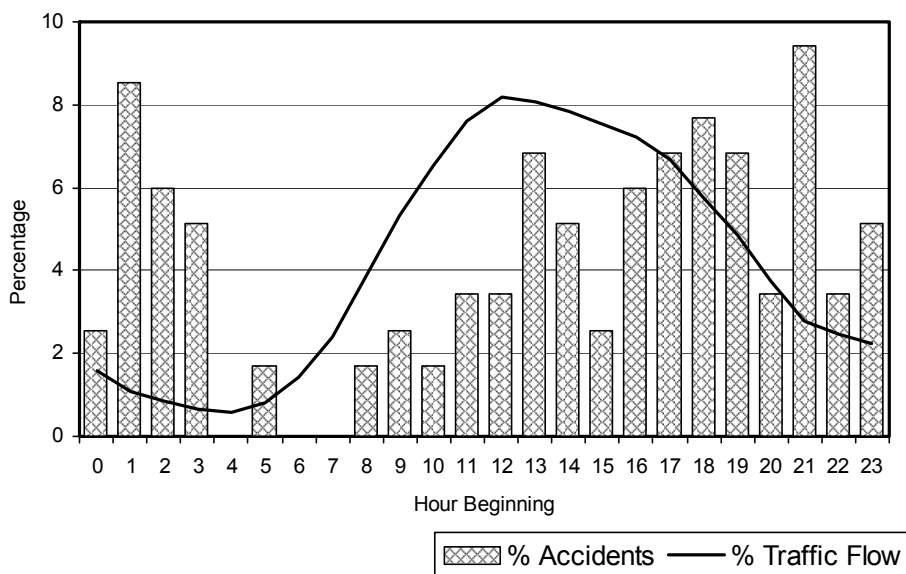
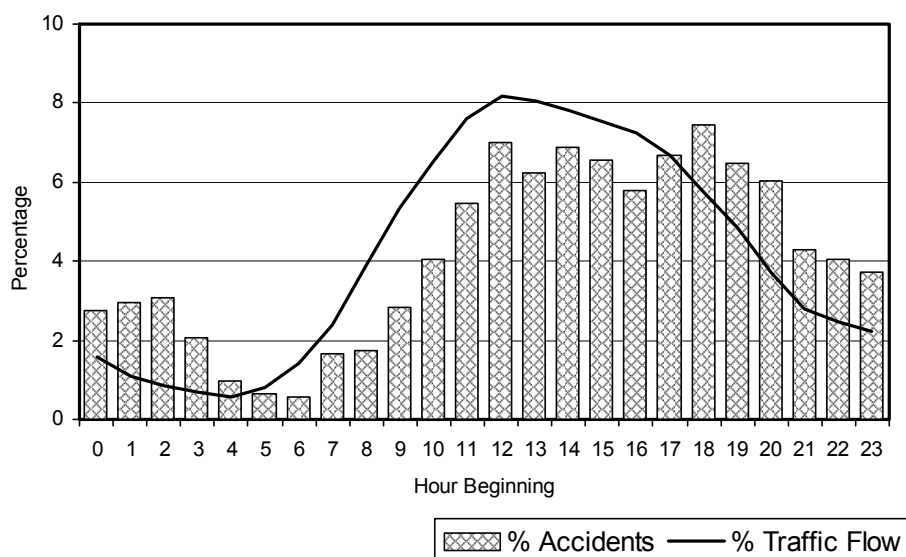


Figure 2.6 Accidents & Traffic Flow by Time of Day 2008 - Saturday



From Hour	Average 1994-98	Average 1999-2003	2004	2005	2006	2007	2008	% KSI accidents/ % traffic volume
0000	7	6	10	7	13	5	2	1.0
0100	4	6	5	8	2	3	6	4.2
0200	7	8	10	9	5	2	3	2.7
0300	3	5	9	2	1	3	2	2.2
0400	1	2	1	2	6	1	4	6.0
0500	1	1	1	0	2	1	1	1.5
0600	1	1	2	0	2	0	3	2.9
0700	2	3	0	0	0	2	0	0.0
0800	1	2	1	1	0	2	2	1.0
0900	2	3	2	0	0	0	3	0.9
1000	3	2	4	1	5	4	1	0.2
1100	4	4	1	4	7	11	3	0.4
1200	7	5	2	10	1	8	7	0.8
1300	9	5	6	10	8	9	4	0.5
1400	9	8	10	10	8	8	7	0.8
1500	11	8	6	13	11	8	7	0.9
1600	9	7	10	4	6	5	6	0.8
1700	10	8	7	14	5	7	4	0.7
1800	9	8	12	8	7	9	7	1.3
1900	8	9	5	4	4	3	4	0.9
2000	9	6	6	3	1	6	5	1.4
2100	7	6	3	4	7	7	5	1.8
2200	6	4	7	5	7	7	5	2.4
2300	9	7	6	4	2	5	2	1.4
Total	140	126	126	123	110	116	93	

From Hour	Average 1994-98	Average 1999-2003	2004	2005	2006	2007	2008	% accidents/ % traffic volume
0000	48	51	42	42	47	34	23	1.5
0100	31	34	32	41	30	26	25	2.2
0200	39	46	51	48	33	20	23	2.6
0300	21	28	26	25	17	21	26	3.6
0400	8	14	11	12	15	10	14	2.6
0500	6	7	7	2	7	13	3	0.6
0600	8	6	5	5	7	9	11	1.4
0700	13	11	13	14	8	12	8	0.7
0800	14	13	14	12	12	14	9	0.6
0900	25	22	19	22	19	13	18	0.6
1000	49	42	46	25	33	30	26	0.6
1100	63	58	50	49	60	47	40	0.7
1200	93	80	65	72	62	52	41	0.6
1300	106	104	83	74	74	81	53	0.8
1400	96	102	82	76	77	62	56	0.8
1500	96	86	60	65	68	66	55	0.9
1600	95	85	74	72	65	60	53	0.9
1700	83	82	73	68	59	71	50	1.1
1800	82	74	69	73	59	53	48	1.1
1900	75	71	54	53	51	48	60	1.7
2000	73	66	59	65	42	37	24	0.9
2100	51	51	44	45	40	34	28	1.3
2200	44	41	40	52	32	28	21	1.3
2300	50	39	38	34	26	18	21	1.8
Total	1269	1215	1057	1046	943	859	736	

Note: The percentage of Sunday traffic volumes used in the above tables is based on results from 43 two-way ATC sites on A roads throughout the county in 2008 (Table 2.11, GMTU Report 1476)

Figure 2.7 KSI Accidents & Traffic Flow by Time of Day 2008 - Sunday

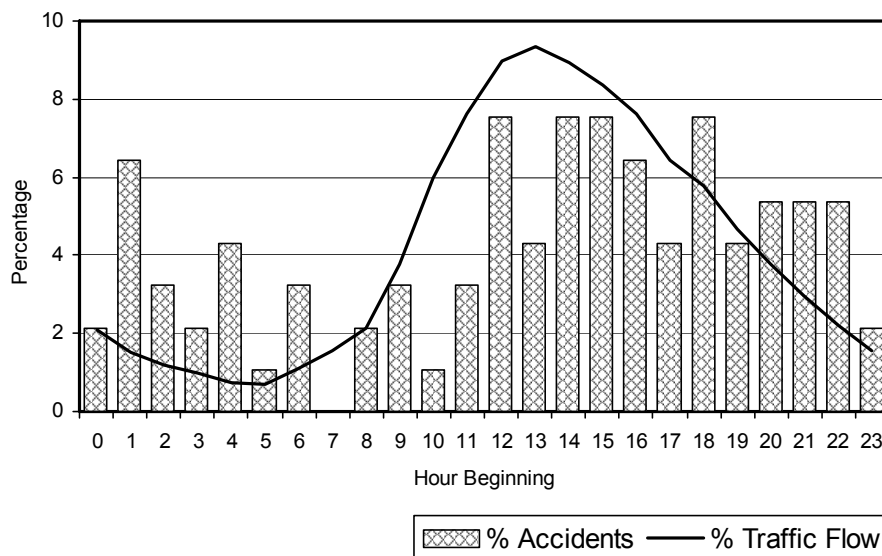
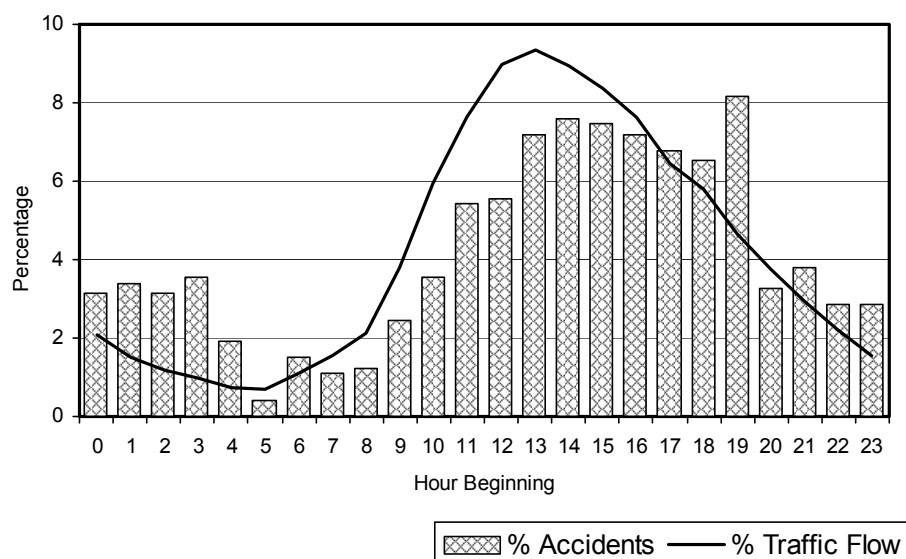


Figure 2.8 Accidents & Traffic Flow by Time of Day 2008 - Sunday



Accidents on A Class Roads

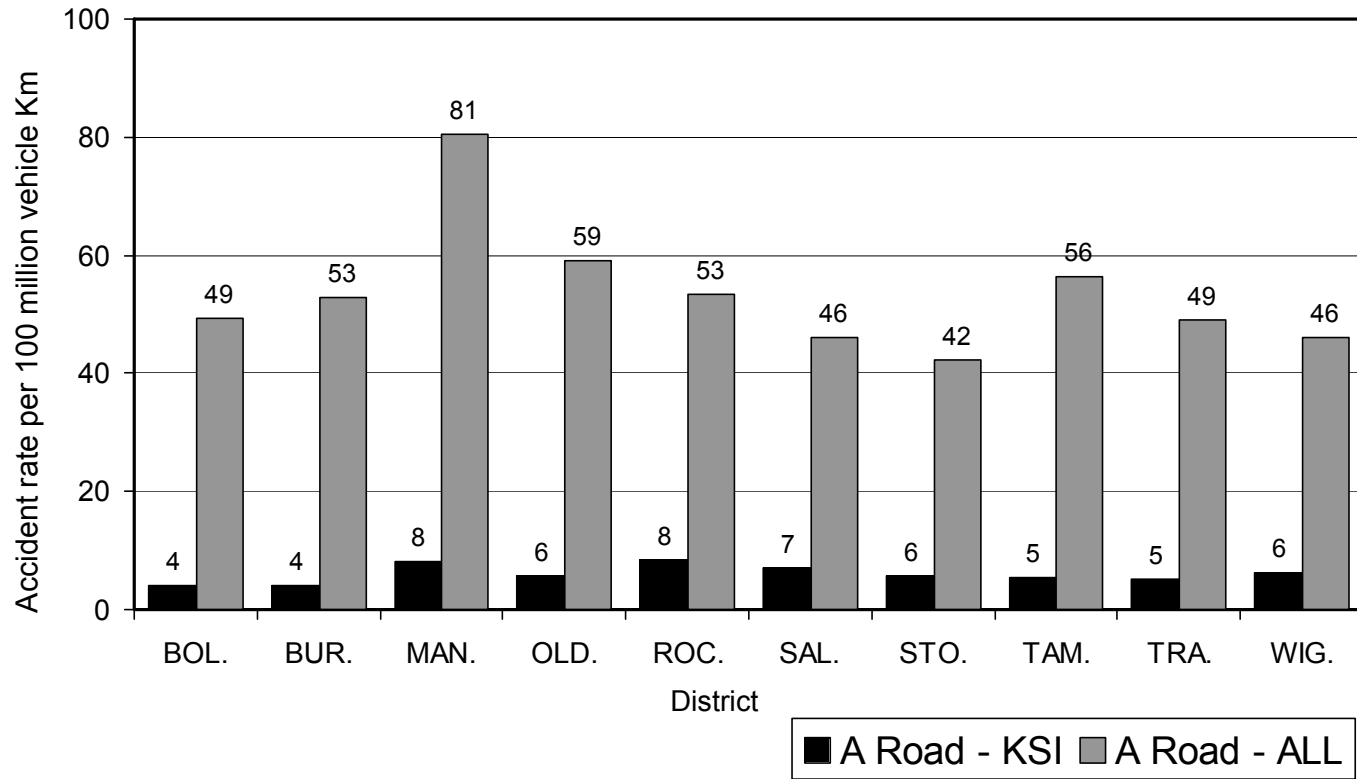
District	Road Length KM	Car KSI Accidents	Accident Rate Per 100 Million Car Km	Goods KSI Accidents	Accident Rate Per 100 Million Goods Km	All KSI Accidents	Accident Rate Per 100 Million Vehicle Km
Bolton	101	20	3	3	3	29	4
Bury	55	13	4	2	5	15	4
Manchester	116	74	8	6	5	81	8
Oldham	98	24	6	2	3	26	6
Rochdale	80	27	7	7	12	38	8
Salford	87	43	7	4	4	49	7
Stockport	84	32	6	3	4	37	6
Tameside	65	18	6	2	4	20	5
Trafford	58	19	5	2	4	22	5
Wigan	117	43	7	0	0	44	6
Total (All GM)	861	313	6	31	4	361	6

District	Road Length KM	Car Accidents	Accident Rate Per 100 Million Car Km	Goods Accidents	Accident Rate Per 100 Million Goods Km	All Accidents	Accident Rate Per 100 Million Vehicle Km
Bolton	101	324	52	30	32	359	49
Bury	55	181	57	16	38	195	53
Manchester	116	738	85	79	68	815	81
Oldham	98	257	65	31	48	275	59
Rochdale	80	217	56	21	37	240	53
Salford	87	300	51	36	37	322	46
Stockport	84	252	45	33	45	273	42
Tameside	65	194	62	18	34	210	56
Trafford	58	193	52	29	55	210	49
Wigan	117	305	51	39	36	330	46
Total (All GM)	861	2961	59	332	44	3229	55

Notes:

1. Accident rates per 100 million vehicle kilometres are derived from figures quoted in the GMTU Report 1387 'Transport Statistics Greater Manchester 2007'.
2. A roads include A57(M) but exclude the A627(M).
3. Some 'car' accidents may also involve 'goods' and vice-versa. Thus, there may be fewer 'all vehicle' accidents than the total of 'car' and 'goods' accidents.
4. KSI = Killed and Seriously Injured.

Figure 2.9 All Vehicle Accident Rates on A Roads by District 2008



Accidents on B Class Roads

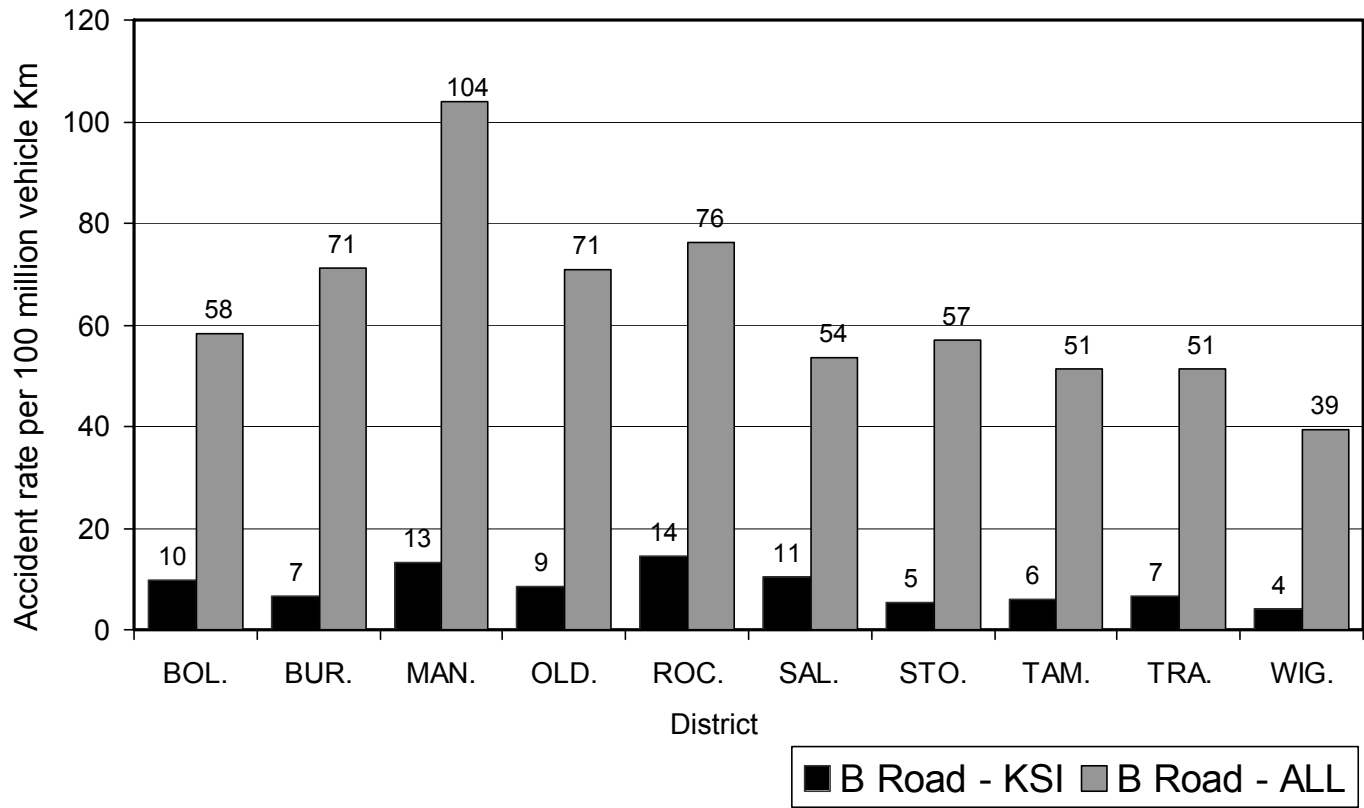
District	Road Length KM	Car KSI Accidents	Accident Rate Per 100 Million Car Km	Goods KSI Accidents	Accident Rate Per 100 Million Goods Km	All KSI Accidents	Accident Rate Per 100 Million Vehicle Km
Bolton	46	14	9	2	11	17	10
Bury	33	7	8	0	0	7	7
Manchester	36	20	13	1	6	23	13
Oldham	30	7	9	0	0	8	9
Rochdale	23	14	17	0	0	14	14
Salford	29	12	12	1	8	12	11
Stockport	36	7	5	0	0	9	5
Tameside	32	6	6	1	7	7	6
Trafford	52	13	7	3	15	14	7
Wigan	56	6	3	2	7	10	4
Total (All GM)	374	106	8	10	6	121	8

District	Road Length KM	Car Accidents	Accident Rate Per 100 Million Car Km	Goods Accidents	Accident Rate Per 100 Million Goods Km	All Accidents	Accident Rate Per 100 Million Vehicle Km
Bolton	46	91	61	8	42	101	58
Bury	33	70	76	6	55	74	71
Manchester	36	167	111	8	50	179	104
Oldham	30	62	78	2	17	66	71
Rochdale	23	69	82	3	27	74	76
Salford	29	54	54	3	25	61	54
Stockport	36	89	59	9	53	98	57
Tameside	32	54	53	4	27	61	51
Trafford	52	103	55	9	45	108	51
Wigan	56	79	38	10	37	94	39
Total (All GM)	374	838	64	62	39	916	61

Notes:

1. Accident rates per 100 million vehicle kilometres are derived from figures quoted in the GMTU Report 1387 'Transport Statistics Greater Manchester 2007'.
2. KSI = Killed and Seriously Injured.
3. Some 'car' accidents may also involve 'goods' and vice-versa. Thus, there may be fewer 'all vehicle' accidents than the total of 'car' and 'goods' accidents.

Figure 2.10 All Vehicle Accident Rates on B Roads by District 2008



Accidents on Motorways

Table 2.13 Injury Accident Rates Per 100 Million Vehicle Motorway Kilometres															
Road Number	2004			2005			2006			2007			2008		
	Injury Accidents	Vehicle Km (Millions)	Rate Per 10 ⁸ Veh Km	Injury Accidents	Vehicle Km (Millions)	Rate Per 10 ⁸ Veh Km	Injury Accidents	Vehicle Km (Millions)	Rate Per 10 ⁸ Veh Km	Injury Accidents	Vehicle Km (Millions)	Rate Per 10 ⁸ Veh Km	Injury Accidents	Vehicle Km (Millions)	Rate Per 10 ⁸ Veh Km
Outer Radials															
M56	40	413	10	33	416	8	55	413	13	38	413	9	30	413	7
M61	68	619	11	62	627	10	75	626	12	54	638	8	51	638	8
M62 (M63 to Boundary)	15	337	4	31	349	9	29	355	8	28	367	8	26	367	7
0M62 (M66 to Boundary)	90	751	12	77	783	10	90	772	12	68	788	9	80	788	10
M66 (North of M62)	24	312	8	23	316	7	24	322	7	32	331	10	31	331	9
M67	11	108	10	13	113	12	20	113	18	20	114	18	17	114	15
M60 Formerly M63 (Spur)	1	9	11	0	9	0	0	9	0	1	9	11	2	9	22
Total	249	2549	10	239	2613	9	293	2610	11	241	2660	9	237	2660	9
M60 Ring (Northern Section)															
Formerly M62 (M63 to M66)	90	684	13	72	689	10	84	703	12	79	717	11	76	717	11
Formerly M66 (South of M62)	10	72	14	6	72	8	8	75	11	10	76	13	6	76	8
M60 (Middleton to Denton)	32	495	6	30	509	6	38	503	8	35	507	7	37	507	7
Total	132	1251	11	108	1270	9	130	1281	10	124	1300	10	119	1300	9
M60 (Southern Section)															
Formerly M63	99	956	10	104	912	11	102	943	11	114	967	12	89	967	9
Formerly M66 (Brinnington to Denton)	10	152	7	10	158	6	13	156	8	15	155	10	11	155	7
Total	109	1108	10	114	1070	11	115	1099	10	129	1122	11	100	1122	9
Others															
M602	30	148	20	24	153	16	30	153	20	22	156	14	28	156	18
M6	30	495	6	44	541	8	44	532	8	30	542	6	26	542	5
M58	6	21	29	1	21	5	7	20	35	3	20	15	5	20	25
A627(M)	28	94	30	18	95	19	12	99	12	21	99	21	18	99	18
Total	94	758	12	87	810	11	93	804	12	76	817	9	77	817	9
Grand Total	584	5665	10	548	5763	10	631	5795	11	570	5899	10	533	5899	9

Notes: Outer Radials – Motorways approaching the motorway ring around the conurbation core

M60 Ring (Northern Section) - Motorways forming the northern ring

M60 Ring (Southern Section) - Motorways forming the southern ring

Others - Motorways not included in the other three sections

* - Accident Rates for 2001 onwards include the M60 Denton to Middleton Link

Motorways in Greater Manchester

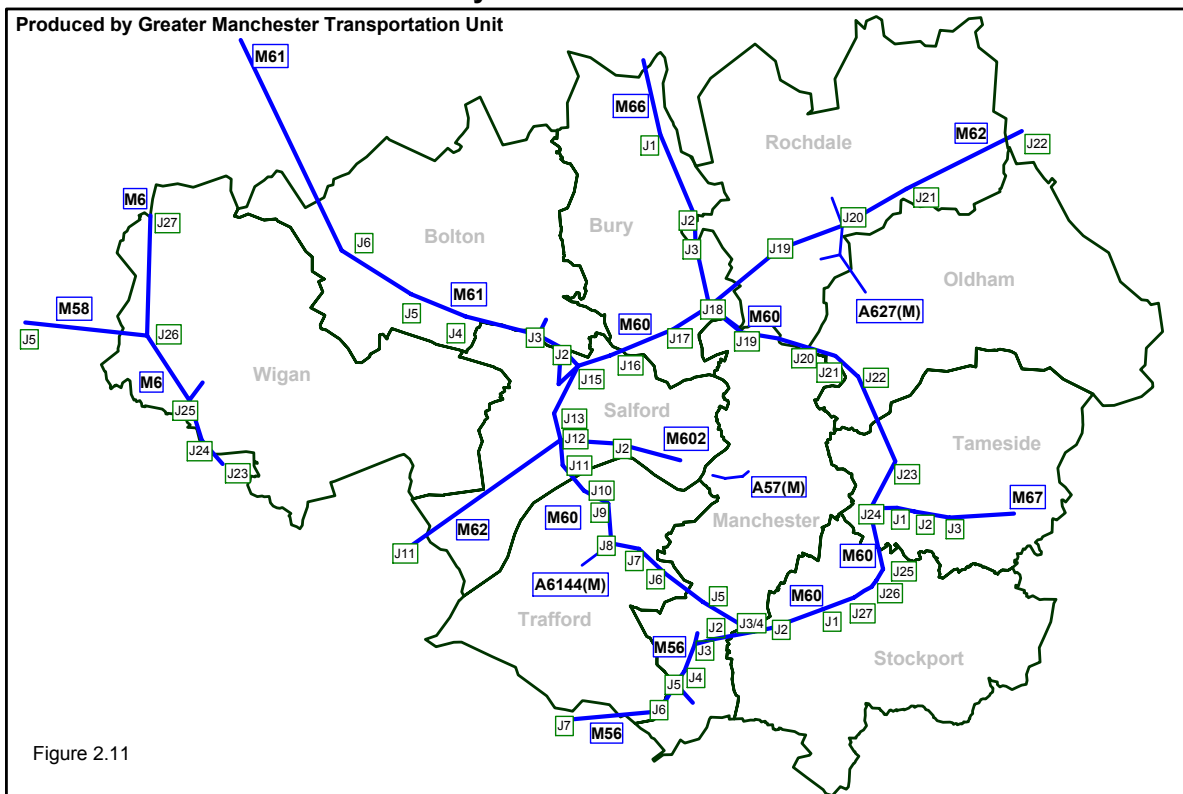
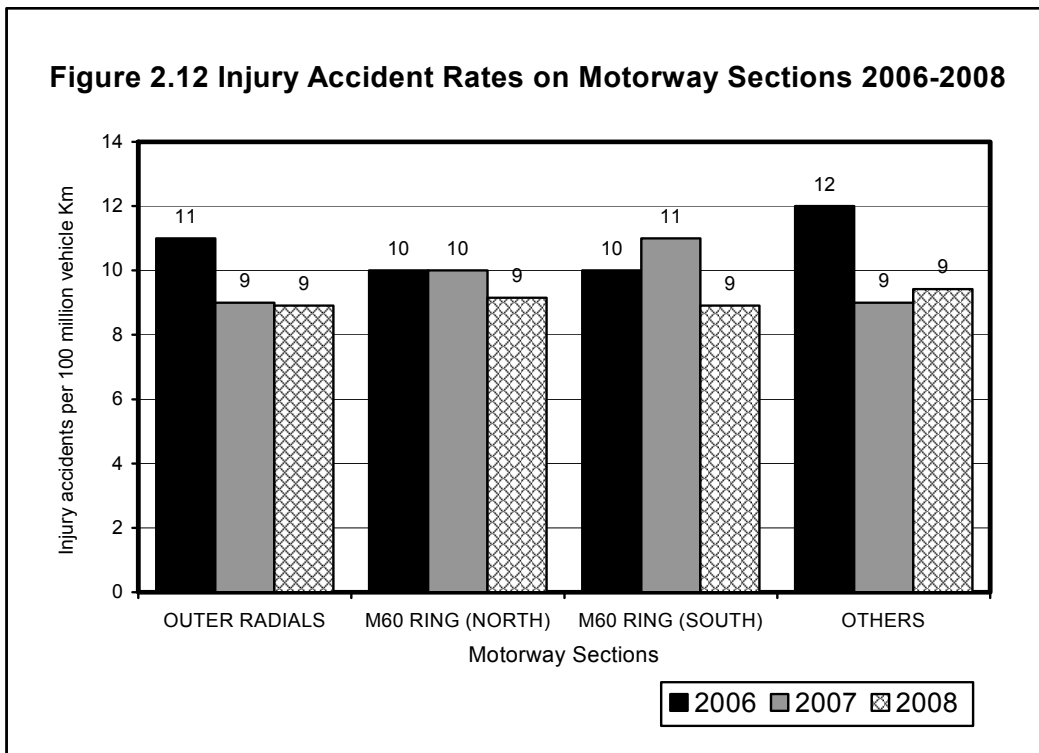


Figure 2.12 Injury Accident Rates on Motorway Sections 2006-2008



3. Vehicle Statistics

Vehicles Involved in Injury Accidents

Vehicle	Average 1994-98	Average 1999-2003	2004	2005	2006	2007	2008
Pedal Cycle	1201	991	831	805	787	756	784
Moped	63	186	212	216	156	145	124
Motor Cycle 51-125cc	23	221	222	229	185	201	195
Motor Cycle 126-500cc	0	0	0	94	99	94	89
Motor Cycle > 500cc	0	0	0	226	241	247	231
Motor Cycle >125cc*	520	436	408	79	0	0	0
Taxi	159	176	182	424	441	373	381
Car	17490	16196	14124	12939	11995	10813	9948
Mini-Bus	106	91	102	86	75	74	70
PCV/Tram	649	635	533	567	512	416	423
Goods <= 3.5T	1189	969	642	636	541	517	459
Goods > 3.5T	632	555	442	440	440	431	319
Other Motor	124	188	307	306	230	190	155
Other Non Motor	17	19	27	14	15	11	14
Total	22174	20663	18032	17061	15717	14268	13192
% 'Hit and Run'	7.3	11.1	10.6	12.6	11.6	10.9	11.0

Notes: From 1999 the definitions for the vehicle type variable were revised. The main category that was affected by the review was motorcycles, which were split into two groups above and below 125cc. Prior to 1999 the split was between scooters and motorcycles. From April 2005 the definitions for motorcycles were split further into three groups, 51-125cc, 126-500cc and over 500cc.

* - The vehicle type variable 'Motorcycles over 125cc' was ended March 2005.

Object Hit	Average 1994-98	Average 1999-2003	2004	2005	2006	2007	2008
Road sign, traffic signal	117	113	125	127	125	110	120
Lamp post	191	165	171	119	124	132	94
Telegraph electricity pole	18	20	12	18	15	9	17
Tree	87	79	95	70	87	76	62
Bus stop/shelter	14	13	18	16	12	15	9
Central safety barrier	92	107	58	79	104	82	79
Near/offside safety barrier	126	137	157	130	136	136	116
Submerged in water (completely)	0	0	0	1	0	1	0
Entered ditch	17	14	10	10	15	19	10
Other permanent object	436	426	378	400	416	309	270
Total Vehicles Involved	1100	1073	1024	970	1034	889	777
Pedestrians hit while							
On footway/verge	184	198	186	177	153	153	150
On refuge/island/reservation	8	9	11	7	6	10	15

Vehicle Drivers Involved in Accidents by Sex and Age

Table 3.3 Drivers by Vehicle Type, Sex and Age of Driver – 2008																				
	Car Drivers				Pedal Cyclists				TWPV Drivers				Other Drivers				All Drivers			
	M	F	NT	All	M	F	NT	All	M	F	NT	All	M	F	NT	All	M	F	NT	All
0-4	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	2	0	1	3
5-9	0	0	0	0	32	10	0	42	0	0	0	0	1	0	0	1	33	10	0	43
10-14	1	0	0	1	88	14	0	102	0	0	0	0	0	0	0	0	89	14	0	103
15-19	433	233	0	666	62	3	0	65	145	9	0	154	13	1	0	14	653	246	0	899
20-24	785	537	1	1323	64	29	0	93	77	4	0	81	84	7	0	91	1010	577	1	1588
25-29	755	490	4	1249	64	17	0	81	58	7	0	65	98	5	0	103	975	519	4	1498
30-34	746	453	32	1231	75	15	0	90	57	1	1	59	141	6	5	152	1019	475	38	1532
35-39	606	425	8	1039	58	18	0	76	64	8	0	72	168	14	2	184	896	465	10	1371
40-44	856	506	82	1444	76	8	1	85	77	5	2	84	201	7	26	234	1210	526	111	1847
45-49	505	291	24	820	50	6	0	56	42	2	0	44	152	6	8	166	749	305	32	1086
50-54	377	193	5	575	35	2	0	37	26	3	0	29	113	0	2	115	551	198	7	756
55-59	260	140	0	400	23	3	0	26	12	1	0	13	99	1	0	100	394	145	0	539
60-64	211	100	1	312	12	1	0	13	10	0	0	10	69	0	0	69	302	101	1	404
65-69	144	60	0	204	3	2	0	5	6	0	0	6	20	1	0	21	173	63	0	236
70+	229	70	0	299	9	1	0	10	3	1	0	4	9	0	0	9	250	72	0	322
Unknown	364	114	358	836	1	0	0	1	10	1	7	18	50	0	61	111	425	115	425	965
All Ages	6272	3612	515	10399	654	129	1	784	587	42	10	639	1218	48	104	1370	8731	3831	630	13192

Notes: M = Male
 F = Female
 NT = not traced

Vehicles Involved in Injury Accidents by Road Class

Table 3.4 Vehicle Involvement Rates: By Vehicle Type and Road Class 2004-2008															
	2004			2005			2006			2007			2008		
	Vehicle Km (millions)	Vehicle Accidents	Rate	Vehicle Km (millions)	Vehicle Accidents	Rate	Vehicle Km (millions)	Vehicle Accidents	Rate	Vehicle Km (millions)	Vehicle Accidents	Rate	Vehicle Km (millions)	Vehicle Accidents	Rate
Motorway															
Cars	4231	1036	24	4361	1031	24	4322	1103	26	4409	1062	24	4409	953	22
Goods	1396	234	17	1362	219	16	1434	279	19	1456	211	14	1456	195	13
All Vehicles	5665	1321	23	5763	1285	22	5795	1416	24	5899	1303	22	5899	1179	20
A Road															
Cars	4972	7022	141	5002	6462	129	5003	5888	118	5022	5308	106	5022	4799	96
Goods	746	473	63	738	518	70	749	385	51	759	436	57	759	350	46
All Vehicles	5834	8676	149	5858	8183	140	5867	7298	124	5890	6751	115	5890	6111	104
B Road															
Cars	1287	1725	134	1299	1677	129	1290	1432	111	1302	1342	103	1302	1282	98
Goods	159	108	68	159	99	62	160	105	66	161	83	52	161	68	42
All Vehicles	1479	2152	146	1492	2106	141	1482	1839	124	1494	1719	115	1494	1666	112

Notes: This table shows the total number of vehicles involved in road accidents, rather than the number of accidents involving that vehicle category.
 Motorway includes the A627(M).

4. Driver Statistics

Drivers Involved in Injury Accidents

Table 4.1 attempts to show how the percentage of young male drivers varies between all accidents and 'speeding' accidents. Since speed is not a variable recorded on STATS19, a proxy has been used based on the national contributory factors (implemented in April 2005) as follows:

- The national contributory factors were 'exceeding speed limit', 'travelling too fast for conditions', 'following too close', 'sudden braking', 'loss of control', or 'aggressive driving'.

Drivers Involved in		Male	Female	Not Traced	All
All Accidents	All Ages	19641	11507	1608	32756
	17-25	4701	2757	31	7489
	%17-25/All	23.9	24.0	1.9	22.9
All KSI Accidents	All Ages	1685	740	206	2631
	17-25	481	180	4	665
	%17-25/All	28.5	24.3	1.9	25.3
All 'Speeding' Accidents	All Ages	5350	2543	600	8493
	17-25	1551	672	15	2238
	%17-25/All	29.0	26.4	2.5	26.4
All KSI 'Speeding' Accidents	All Ages	601	190	93	884
	17-25	209	49	3	261
	%17-25/All	34.8	25.8	3.2	29.5

Notes: Car: STATS19 code, type of vehicle = 9 only

The 'Speeding' vehicle was defined as the contributory factors were 'exceeding speed limit', 'travelling too fast for conditions', 'following too close', 'sudden braking', 'loss of control', or 'aggressive driving'.

From Hour	Car Drivers involved in All Accidents				Car Drivers involved in All 'Speeding' Accidents			
	Male	Female	Not Traced	All	Male	Female	Not Traced	All
0000	352	90	56	498	138	30	20	188
0100	234	58	54	346	96	18	30	144
0200	235	52	49	336	91	18	31	140
0300	163	40	36	239	88	15	18	121
0400	124	25	16	165	60	12	8	80
0500	131	24	22	177	47	8	5	60
0600	284	95	22	401	88	23	12	123
0700	687	381	32	1100	186	75	10	271
0800	1072	1054	71	2197	257	200	17	474
0900	749	640	37	1426	198	129	16	343
1000	788	499	57	1344	185	100	23	308
1100	863	544	69	1476	200	107	23	330
1200	1138	718	60	1916	295	160	14	469
1300	1186	764	77	2027	329	175	29	533
1400	1188	689	79	1956	294	130	23	447
1500	1413	993	104	2510	310	181	22	513
1600	1584	1012	87	2683	402	231	39	672
1700	1847	1164	128	3139	445	259	50	754
1800	1454	890	120	2464	386	236	45	667
1900	1236	629	102	1967	312	135	31	478
2000	958	444	92	1494	284	110	42	436
2100	740	313	84	1137	224	81	37	342
2200	666	239	86	991	225	69	29	323
2300	549	150	68	767	210	41	26	277
Total	19641	11507	1608	32756	5350	2543	600	8493

Notes: Car: STATS19 code, type of vehicle = 9 only

The 'Speeding' vehicle was defined as the contributory factors were 'exceeding speed limit', 'travelling too fast for conditions', 'following too close', 'sudden braking', 'loss of control', or 'aggressive driving'.

From Hour	Car Drivers involved in KSI Accidents				Car Drivers involved in KSI 'Speeding' Accidents			
	Male	Female	Not Traced	All	Male	Female	Not Traced	All
0000	55	15	11	81	26	6	4	36
0100	32	7	10	49	20	4	6	30
0200	44	9	11	64	24	2	9	35
0300	23	8	11	42	18	4	6	28
0400	25	3	2	30	12	2	1	15
0500	24	1	3	28	13	1	1	15
0600	28	5	2	35	14	1	2	17
0700	58	26	3	87	18	7	1	26
0800	64	48	9	121	25	9	2	36
0900	34	23	5	62	7	4	3	14
1000	48	26	4	78	12	5	1	18
1100	57	25	11	93	24	7	7	38
1200	62	36	8	106	16	6	1	23
1300	60	44	7	111	23	14	1	38
1400	104	44	10	158	24	8	3	35
1500	99	64	11	174	19	15	4	38
1600	118	59	6	183	34	13	4	51
1700	136	69	11	216	36	14	6	56
1800	145	73	12	230	41	22	5	68
1900	114	39	8	161	33	6	4	43
2000	95	41	14	150	36	12	7	55
2100	82	35	15	132	40	10	8	58
2200	88	27	11	126	34	11	5	50
2300	90	13	11	114	52	7	2	61
Total	1685	740	206	2631	601	190	93	884

Notes: Car: STATS19 code, type of vehicle = 9 only

The 'Speeding' vehicle was defined as the contributory factors were 'exceeding speed limit', 'travelling too fast for conditions', 'following too close', 'sudden braking', 'loss of control', or 'aggressive driving'.

Table 4.4 Numbers of Car Drivers Involved in Injury Accidents by Day of Week and Sex, for the Years 2006 to 2008								
Day of Week	Car Drivers involved in All Accidents				Car Drivers involved in All 'Speeding' Accidents			
	Male	Female	Not Traced	All	Male	Female	Not Traced	All
Monday	2797	1673	204	4674	705	363	77	1145
Tuesday	2706	1770	217	4693	694	409	63	1166
Wednesday	2817	1820	226	4863	694	370	73	1137
Thursday	2948	1875	200	5023	829	405	62	1296
Friday	3122	1866	257	5245	832	399	98	1329
Saturday	2822	1364	267	4453	858	319	115	1292
Sunday	2429	1139	237	3805	738	278	112	1128
Total	19641	11507	1608	32756	5350	2543	600	8493

Table 4.5 Numbers of Car Drivers Involved in KSI Accidents by Day of Week and Sex, for the Years 2006 to 2008								
Day of Week	Car Drivers involved in KSI Accidents				Car Drivers involved in KSI 'Speeding' Accidents			
	Male	Female	Not Traced	All	Male	Female	Not Traced	All
Monday	210	111	28	349	72	30	13	115
Tuesday	238	120	19	377	74	41	6	121
Wednesday	217	106	22	345	71	20	7	98
Thursday	225	118	24	367	86	28	11	125
Friday	265	109	32	406	86	15	12	113
Saturday	289	89	49	427	128	29	28	185
Sunday	241	87	32	360	84	27	16	127
Total	1685	740	206	2631	601	190	93	884

Notes: Car: STATS19 code, type of vehicle = 9 only

The 'Speeding' vehicle was defined as the contributory factors were 'exceeding speed limit', 'travelling too fast for conditions', 'following too close', 'sudden braking', 'loss of control', or 'aggressive driving'.

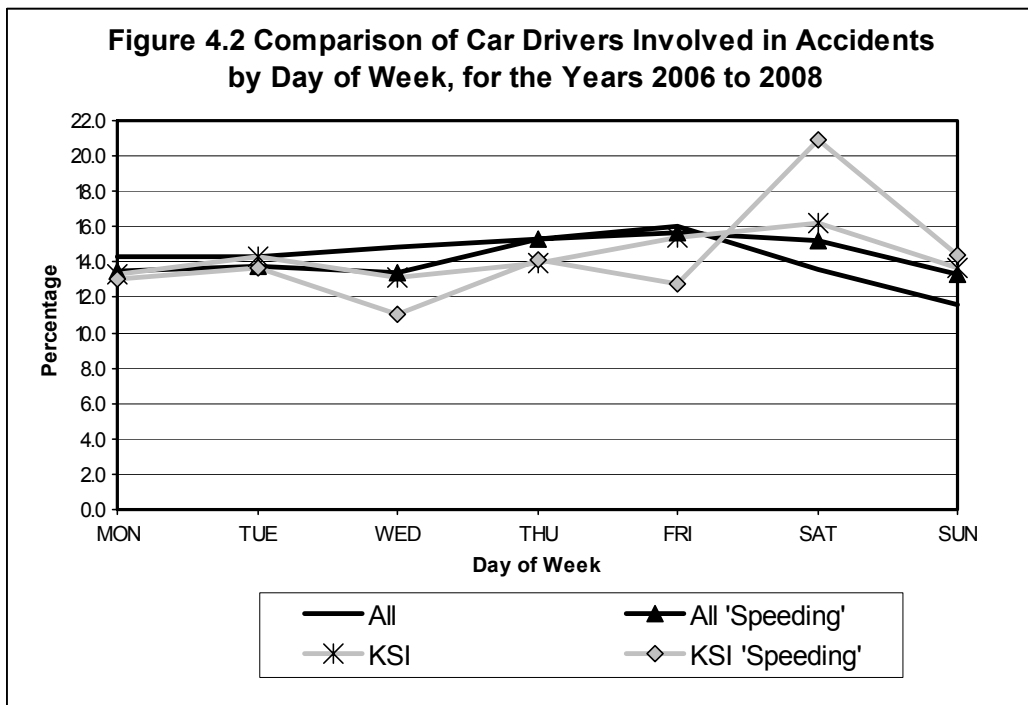
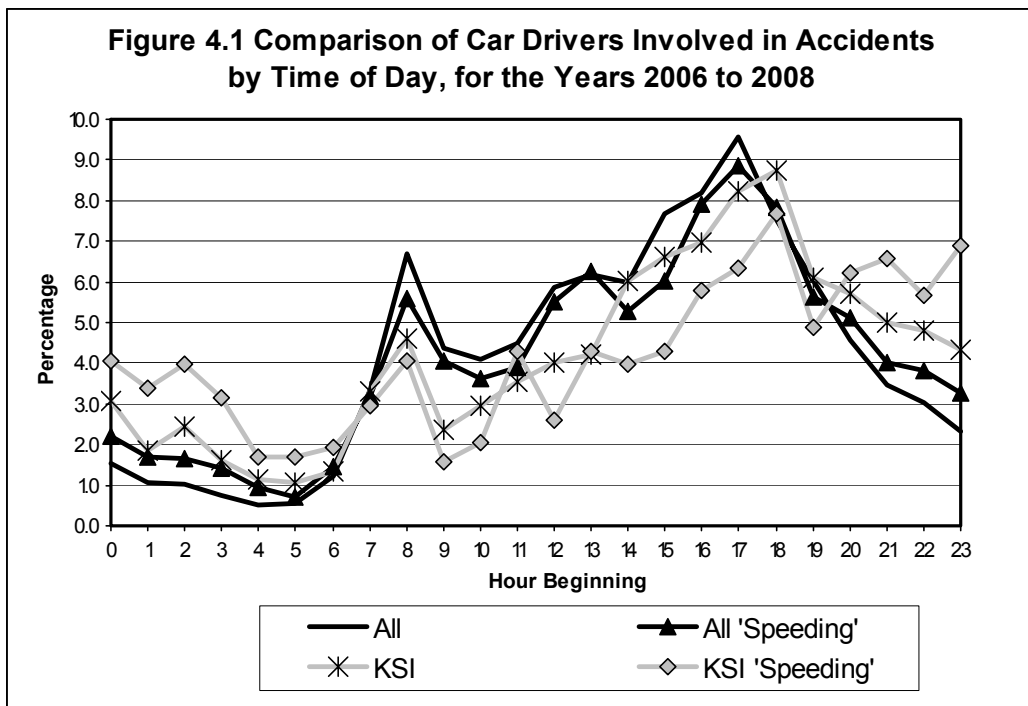


Table 4.6 Drivers by Age and Gender Involved in Child (0-15) Pedestrian Accidents on All Roads, from 2004 to 2008					
Age	2004	2005	2006	2007	2008
Male					
Under 15	4	2	4	3	1
15-19	27	27	21	19	15
20-24	64	58	44	42	39
25-29	66	64	44	40	46
30-34	80	74	48	61	41
35-39	64	73	56	47	55
40-44	58	55	46	47	38
45-49	51	48	26	32	32
50-54	41	36	42	26	24
55-59	40	34	25	22	13
60-64	22	21	26	12	13
65-69	26	7	15	11	15
70-74	11	17	7	5	8
75-79	3	3	5	7	4
80-84	3	3	1	3	0
85-89	1	0	1	1	0
Unknown	1	25	30	20	22
All Male	562	547	441	398	366
Female					
Under 15	0	0	0	0	0
15-19	13	8	10	7	11
20-24	40	19	29	25	19
25-29	51	25	31	31	25
30-34	50	37	30	33	13
35-39	39	43	32	29	27
40-44	44	31	35	21	20
45-49	26	25	19	19	32
50-54	16	16	14	17	12
55-59	14	20	8	14	9
60-64	2	6	14	10	8
65-69	8	5	7	2	6
70-74	4	2	3	1	4
75-79	1	0	1	1	1
80-84	0	0	2	0	0
Unknown	0	5	6	5	5
All Female	308	242	241	215	192
Not Traced (NT)					
20-24	0	2	1	0	0
25-29	1	0	1	2	0
30-34	3	0	4	13	4
35-39	0	0	1	0	1
40-44	0	0	0	0	5
45-49	0	0	0	0	2
Unknown	50	33	31	21	22
All Ages NT	54	35	38	36	34
All					
Under 15	4	2	4	3	1
15-19	40	35	31	26	26
20-24	104	79	74	67	58
25-29	118	89	76	73	71
30-34	133	111	82	107	58
35-39	103	116	89	76	83
40-44	102	86	81	68	63
45-49	77	73	45	51	66
50-54	57	52	56	43	36
55-59	54	54	33	36	22
60-64	24	27	40	22	21
65-69	34	12	22	13	21
70-74	15	19	10	6	12
75-79	4	3	6	8	5
80-84	3	3	3	3	0
85-89	1	0	1	1	0
Unknown	51	63	67	46	49
All Ages	924	824	720	649	592

Age	2004	2005	2006	2007	2008
Male					
Under 15	2	2	3	1	0
15-19	17	16	10	11	11
20-24	36	34	25	27	22
25-29	43	36	26	18	30
30-34	47	50	23	32	24
35-39	39	47	34	28	30
40-44	38	34	29	24	21
45-49	22	26	13	16	17
50-54	27	15	22	14	18
55-59	24	21	17	8	8
60-64	12	14	13	5	6
65-69	14	5	8	6	7
70-74	6	7	5	2	2
75-79	2	2	2	1	2
80-84	2	2	0	1	0
85-89	0	0	1	0	0
Unknown	0	16	23	12	15
All Male	331	327	254	206	213
Female					
Under 15	0	0	0	0	0
15-19	7	4	7	3	9
20-24	23	8	21	15	8
25-29	31	11	17	16	17
30-34	25	20	20	21	7
35-39	25	21	19	20	14
40-44	27	21	26	13	11
45-49	15	15	12	9	20
50-54	7	11	10	10	6
55-59	6	13	7	6	6
60-64	1	1	7	7	6
65-69	4	2	3	1	5
70-74	3	1	2	0	3
75-79	1	0	0	0	0
80-84	0	0	1	0	0
Unknown	0	4	3	4	3
All Female	175	132	155	125	115
Not Traced (NT)					
20-24	0	2	0	0	0
30-34	3	0	4	9	3
35-39	0	0	1	0	0
40-44	0	0	0	0	3
45-49	0	0	0	0	1
Unknown	27	16	20	13	12
All Ages NT	30	18	25	22	19
All					
Under 15	2	2	3	1	0
15-19	24	20	17	14	20
20-24	59	44	46	42	30
25-29	74	47	43	34	47
30-34	75	70	47	62	34
35-39	64	68	54	48	44
40-44	65	55	55	37	35
45-49	37	41	25	25	38
50-54	34	26	32	24	24
55-59	30	34	24	14	14
60-64	13	15	20	12	12
65-69	18	7	11	7	12
70-74	9	8	7	2	5
75-79	3	2	2	1	2
80-84	2	2	1	1	0
85-89	0	0	1	0	0
Unknown	27	36	46	29	30
All Ages	536	477	434	353	347

5. Contributory Factors

Contributory Factor Report – National Factors

Reporting of Contributory Factors

Table 5.1 tabulates the recording of road injury contributory factors for four classes of accidents by place accident reported (where a police officer attended the scene of the accident or not), for the years 2006 to 2008.

Table 5.1 Reporting of Contributory Factors (CFs) for Road Accidents, for the Years 2006 to 2008				
Class of Accident	Attended at Scene	Number of Accidents with CF Coded (%)		
		Yes	No	Total
All	Yes	17285 (74.5)	152 (0.7)	17437 (75.1)
	No	3770 (16.2)	2006 (8.6)	5776 (24.9)
KSI	Yes	2319 (91.5)	17 (0.7)	2336 (92.1)
	No	129 (5.1)	70 (2.8)	199 (7.9)
Child KSI	Yes	399 (90.7)	4 (0.9)	403 (91.6)
	No	24 (5.5)	13 (3.0)	37 (8.4)
Pedal Cycle	Yes	1452 (64.5)	12 (0.5)	1464 (65.0)
	No	512 (22.7)	275 (12.2)	787 (35.0)
Pedestrian	Yes	3840 (75.6)	35 (0.7)	3875 (76.3)
	No	786 (15.5)	417 (8.2)	1203 (23.7)

Distribution of Contributory Factors by Class of Accident

Tables 5.2 to 5.6 give tabulations of national contributory factors recorded by GMP between January 2006 and December 2008. Please note that only those accidents where a police officer attended the scene of the accident and obtained the details for the STATS19 report are tabulated.

Important facts concerning the recording of the contributory factors:

- Up to six factors may be recorded for each accident
- More than one factor may be related to the same road user
- The same factor may be related to more than one road user

All Accidents

Table 5.2 Top 52 Contributory Factors - All Accidents, for the Years 2006 to 2008					
Code	Contributory Factor	January 2006 to December 2008			
		Confidence Level		Total	%
		Very Likely	Possible		
405	Driver/Rider failed to look properly	3190	2909	6099	15.57
406	Driver/Rider failed to judge other person's path or speed	1662	2115	3777	9.64
802	Pedestrian failed to look properly	1637	859	2496	6.37
403	Poor turn or manoeuvre	1213	1240	2453	6.26
602	Driver/Rider - Careless/reckless/in a hurry	1079	1148	2227	5.69
410	Loss of control	938	611	1549	3.95
103	Slippery road (due to weather)	717	657	1374	3.51
307	Travelling too fast for conditions	431	617	1048	2.68
808	Pedestrian - Careless/reckless/in a hurry	613	430	1043	2.66
408	Sudden braking	419	517	936	2.39
501	Driver/Rider impaired by alcohol	678	246	924	2.36
701	Stationary or parked vehicle(s)	528	374	902	2.30
601	Aggressive driving	504	362	866	2.21
308	Following too close	349	488	837	2.14
306	Exceeding speed limit	351	483	834	2.13
605	Learner or inexperienced driver/rider	380	396	776	1.98
801	Crossed road masked by stationary or parked vehicle	528	220	748	1.91
803	Failed to judge vehicle's path or speed	318	428	746	1.90
301	Driver/Rider disobeyed automatic traffic signal	365	331	696	1.78
302	Disobeyed Give Way or Stop sign or markings	384	219	603	1.54
806	Pedestrian impaired by alcohol	392	196	588	1.50
401	Junction overshoot	298	259	557	1.42
999	Other	339	130	469	1.20
409	Swerved	213	170	383	0.98
707	Rain, sleet, snow, or fog	175	208	383	0.98
706	Dazzling sun	171	192	363	0.93
404	Failed to signal/misleading signal	113	202	315	0.80
509	Distraction in vehicle	108	200	308	0.79
603	Nervous/uncertain/panic	78	199	277	0.71
710	Vehicle blind spot	122	143	265	0.68
510	Distraction outside vehicle	97	158	255	0.65
805	Pedestrian - Dangerous action in carriageway (eg playing)	150	91	241	0.62
108	Road layout (eg bend, hill, narrow carriageway)	97	134	231	0.59
402	Junction restart	97	114	211	0.54
901	Stolen vehicle	164	40	204	0.52
804	Pedestrian - Wrong use of pedestrian crossing facility	116	71	187	0.48
809	Pedestrian wearing dark clothing at night	97	82	179	0.46
505	Driver/Rider - Illness or disability, mental or physical	96	78	174	0.44
407	Passing too close to cyclist, horse rider or pedestrian	71	101	172	0.44
703	Road layout (eg bend, winding road, hill crest)	64	100	164	0.42
102	Deposit on road (eg oil, mud, chippings)	86	59	145	0.37
104	Inadequate/masked signs or road markings	75	65	140	0.36
310	Cyclist entering road from pavement	102	38	140	0.36
607	Inexperience with type of vehicle	40	89	129	0.33
503	Fatigue	42	80	122	0.31
305	Illegal turn or direction of travel	89	26	115	0.29
810	Pedestrian - Disability or illness, mental or physical	51	45	96	0.25
903	Emergency vehicle on call	71	22	93	0.24
109	Animal or object in carriageway	55	34	89	0.23
502	Driver/Rider impaired by drugs (illicit or medicinal)	31	52	83	0.21
507	Cyclist wearing dark clothing at night	44	32	76	0.19
203	Defective brakes	27	47	74	0.19
	Total (Top 52)	20055	18107	38162	97.43

KSI Accidents

Table 5.3 Top 50 Contributory Factors - KSI Accidents, for the Years 2006 to 2008					
Code	Contributory Factor	January 2006 to December 2008			
		Confidence Level		Total	%
		Very Likely	Possible		
405	Driver/Rider failed to look properly	321	319	640	11.79
802	Pedestrian failed to look properly	365	222	587	10.81
410	Loss of control	192	123	315	5.80
406	Driver/Rider failed to judge other person's path or speed	114	174	288	5.30
602	Driver/Rider - Careless/reckless/in a hurry	147	137	284	5.23
403	Poor turn or manoeuvre	137	133	270	4.97
808	Pedestrian - Careless/reckless/in a hurry	133	129	262	4.83
306	Exceeding speed limit	101	107	208	3.83
501	Driver/Rider impaired by alcohol	129	69	198	3.65
803	Failed to judge vehicle's path or speed	79	119	198	3.65
801	Crossed road masked by stationary or parked vehicle	127	65	192	3.54
601	Aggressive driving	112	72	184	3.39
806	Pedestrian impaired by alcohol	108	73	181	3.33
307	Travelling too fast for conditions	77	91	168	3.09
103	Slippery road (due to weather)	57	55	112	2.06
605	Learner or inexperienced driver/rider	49	48	97	1.79
701	Stationary or parked vehicle(s)	59	30	89	1.64
999	Other	63	25	88	1.62
301	Driver/Rider disobeyed automatic traffic signal	31	30	61	1.12
408	Sudden braking	30	31	61	1.12
804	Pedestrian - Wrong use of pedestrian crossing facility	31	26	57	1.05
401	Junction overshoot	29	27	56	1.03
809	Pedestrian wearing dark clothing at night	28	25	53	0.98
409	Swerved	25	25	50	0.92
302	Disobeyed Give Way or Stop sign or markings	30	18	48	0.88
805	Pedestrian - Dangerous action in carriageway (eg playing)	26	17	43	0.79
710	Vehicle blind spot	17	23	40	0.74
707	Rain, sleet, snow, or fog	8	29	37	0.68
706	Dazzling sun	12	21	33	0.61
901	Stolen vehicle	25	7	32	0.59
308	Following too close	12	19	31	0.57
810	Pedestrian - Disability or illness, mental or physical	12	16	28	0.52
607	Inexperience with type of vehicle	10	17	27	0.50
509	Distraction in vehicle	7	18	25	0.46
603	Nervous/uncertain/panic	10	15	25	0.46
505	Driver/Rider - Illness or disability, mental or physical	16	6	22	0.41
310	Cyclist entering road from pavement	18	3	21	0.39
703	Road layout (eg bend, winding road, hill crest)	5	16	21	0.39
407	Passing too close to cyclist, horse rider or pedestrian	7	13	20	0.37
108	Road layout (eg bend, hill, narrow carriageway)	6	12	18	0.33
404	Failed to signal/misleading signal	2	16	18	0.33
503	Fatigue	7	9	16	0.29
502	Driver/Rider impaired by drugs (illicit or medicinal)	6	9	15	0.28
304	Driver/Rider disobeyed pedestrian crossing facility	5	9	14	0.26
510	Distraction outside vehicle	4	10	14	0.26
102	Deposit on road (eg oil, mud, chippings)	3	10	13	0.24
507	Cyclist wearing dark clothing at night	6	7	13	0.24
807	Pedestrian impaired by drugs (illicit or medicinal)	3	9	12	0.22
203	Defective brakes	4	7	11	0.20
704	Buildings, road signs, street furniture	2	9	11	0.20
	Total (Top 50)	2807	2500	5307	97.75

Child KSI Accidents

Code	Contributory Factor	January 2006 to December 2008			
		Confidence Level		Total	%
		Very Likely	Possible		
802	Pedestrian failed to look properly	167	72	239	26.59
808	Pedestrian - Careless/reckless/in a hurry	68	53	121	13.46
801	Crossed road masked by stationary or parked vehicle	75	35	110	12.24
405	Driver/Rider failed to look properly	35	27	62	6.90
803	Failed to judge vehicle's path or speed	19	34	53	5.90
602	Driver/Rider - Careless/reckless/in a hurry	18	13	31	3.45
701	Stationary or parked vehicle(s)	14	9	23	2.56
410	Loss of control	11	10	21	2.34
804	Pedestrian - Wrong use of pedestrian crossing facility	13	8	21	2.34
406	Driver/Rider failed to judge other person's path or speed	8	9	17	1.89
805	Pedestrian-Dangerous action in carriageway (eg playing)	10	5	15	1.67
999	Other	7	7	14	1.56
403	Poor turn or manoeuvre	11	2	13	1.45
601	Aggressive driving	7	6	13	1.45
306	Exceeding speed limit	2	10	12	1.33
605	Learner or inexperienced driver/rider	8	4	12	1.33
307	Travelling too fast for conditions	2	9	11	1.22
310	Cyclist entering road from pavement	10	0	10	1.11
809	Pedestrian wearing dark clothing at night	4	6	10	1.11
301	Driver/Rider disobeyed automatic traffic signal	4	3	7	0.78
401	Junction overshoot	5	1	6	0.67
501	Driver/Rider impaired by alcohol	1	5	6	0.67
707	Rain, sleet, snow, or fog	2	3	5	0.56
103	Slippery road (due to weather)	2	2	4	0.44
409	Swerved	3	1	4	0.44
507	Cyclist wearing dark clothing at night	3	1	4	0.44
806	Pedestrian impaired by alcohol	2	2	4	0.44
203	Defective brakes	1	2	3	0.33
603	Nervous/uncertain/panic	3	0	3	0.33
702	Vegetation	2	1	3	0.33
704	Buildings, road signs, street furniture	0	3	3	0.33
901	Stolen vehicle	2	1	3	0.33
108	Road layout (eg bend, hill, narrow carriageway)	0	2	2	0.22
206	Overloaded or poorly loaded vehicle or trailer	2	0	2	0.22
302	Disobeyed Give Way or Stop sign or markings	1	1	2	0.22
304	Driver/Rider disobeyed pedestrian crossing facility	0	2	2	0.22
407	Passing too close to cyclist, horse rider or pedestrian	1	1	2	0.22
408	Sudden braking	1	1	2	0.22
506	Not displaying lights at night or in poor visibility	1	1	2	0.22
509	Distraction in vehicle	0	2	2	0.22
607	Inexperience with type of vehicle	2	0	2	0.22
703	Road layout (eg bend, winding road, hill crest)	1	1	2	0.22
706	Dazzling sun	0	2	2	0.22
708	Spray from other vehicles	0	2	2	0.22
710	Vehicle blind spot	1	1	2	0.22
104	Inadequate/masked signs or road markings	1	0	1	0.11
109	Animal or object in carriageway	0	1	1	0.11
305	Illegal turn or direction of travel	1	0	1	0.11
309	Vehicle travelling along pavement	0	1	1	0.11
402	Junction restart	1	0	1	0.11
510	Distraction outside vehicle	0	1	1	0.11
606	Inexperience of driving on the left	0	1	1	0.11
709	Visor or windscreen dirty or scratched	1	0	1	0.11
810	Pedestrian - Disability or illness, mental or physical	0	1	1	0.11
903	Emergency vehicle on call	0	1	1	0.11
	All	533	366	899	100.00

Pedal Cycle Accidents

Code	Contributory Factor	January 2006 to December 2008			
		Confidence Level		Total	%
		Very Likely	Possible		
405	Driver/Rider failed to look properly	507	391	898	29.41
406	Driver/Rider failed to judge other person's path or speed	108	187	295	9.66
403	Poor turn or manoeuvre	125	97	222	7.27
602	Driver/Rider - Careless/reckless/in a hurry	93	109	202	6.62
310	Cyclist entering road from pavement	98	37	135	4.42
701	Stationary or parked vehicle(s)	73	33	106	3.47
407	Passing too close to cyclist, horse rider or pedestrian	33	42	75	2.46
401	Junction overshoot	45	26	71	2.33
507	Cyclist wearing dark clothing at night	41	30	71	2.33
410	Loss of control	34	36	70	2.29
302	Disobeyed Give Way or Stop sign or markings	42	21	63	2.06
605	Learner or inexperienced driver/rider	30	28	58	1.90
706	Dazzling sun	25	19	44	1.44
404	Failed to signal/misleading signal	17	24	41	1.34
501	Driver/Rider impaired by alcohol	19	22	41	1.34
506	Not displaying lights at night or in poor visibility	22	16	38	1.24
601	Aggressive driving	17	20	37	1.21
710	Vehicle blind spot	14	23	37	1.21
103	Slippery road (due to weather)	16	19	35	1.15
904	Vehicle door opened or closed negligently	28	7	35	1.15
999	Other	26	9	35	1.15
409	Swerved	17	17	34	1.11
301	Driver/Rider disobeyed automatic traffic signal	14	17	31	1.02
802	Pedestrian failed to look properly	21	10	31	1.02
707	Rain, sleet, snow, or fog	11	17	28	0.92
307	Travelling too fast for conditions	8	16	24	0.79
203	Defective brakes	14	8	22	0.72
402	Junction restart	7	12	19	0.62
304	Driver/Rider disobeyed pedestrian crossing facility	11	7	18	0.59
603	Nervous/uncertain/panic	3	13	16	0.52
202	Defective lights or indicators	8	7	15	0.49
309	Vehicle travelling along pavement	8	7	15	0.49
305	Illegal turn or direction of travel	10	4	14	0.46
308	Following too close	3	11	14	0.46
306	Exceeding speed limit	6	7	13	0.43
703	Road layout (eg bend, winding road, hill crest)	4	9	13	0.43
408	Sudden braking	6	6	12	0.39
803	Failed to judge vehicle's path or speed	2	8	10	0.33
108	Road layout (eg bend, hill, narrow carriageway)	4	5	9	0.29
509	Distraction in vehicle	3	6	9	0.29
704	Buildings, road signs, street furniture	5	4	9	0.29
502	Driver/Rider impaired by drugs (illicit or medicinal)	0	8	8	0.26
510	Distraction outside vehicle	4	3	7	0.23
808	Pedestrian - Careless/reckless/in a hurry	6	1	7	0.23
702	Vegetation	2	4	6	0.20
801	Crossed road masked by stationary or parked vehicle	5	1	6	0.20
101	Poor or defective road surface	3	2	5	0.16
505	Driver/Rider - Illness or disability, mental or physical	3	2	5	0.16
606	Inexperience of driving on the left	2	2	4	0.13
	Total (Top 49)	1603	1410	3013	98.69

Pedestrian Accidents

Code	Contributory Factor	January 2006 to December 2008			
		Confidence Level		Total	%
		Very Likely	Possible		
802	Pedestrian failed to look properly	1600	824	2424	27.50
808	Pedestrian - Careless/reckless/in a hurry	599	417	1016	11.52
801	Crossed road masked by stationary or parked vehicle	522	217	739	8.38
803	Failed to judge vehicle's path or speed	306	396	702	7.96
806	Pedestrian impaired by alcohol	387	194	581	6.59
405	Driver/Rider failed to look properly	220	338	558	6.33
805	Pedestrian - Dangerous action in carriageway (eg playing)	145	88	233	2.64
602	Driver/Rider - Careless/reckless/in a hurry	92	110	202	2.29
701	Stationary or parked vehicle(s)	101	86	187	2.12
804	Pedestrian - Wrong use of pedestrian crossing facility	114	70	184	2.09
809	Pedestrian wearing dark clothing at night	95	81	176	2.00
999	Other	90	38	128	1.45
406	Driver/Rider failed to judge other person's path or speed	40	84	124	1.41
601	Aggressive driving	67	51	118	1.34
403	Poor turn or manoeuvre	59	57	116	1.32
103	Slippery road (due to weather)	35	68	103	1.17
810	Pedestrian - Disability or illness, mental or physical	49	44	93	1.05
501	Driver/Rider impaired by alcohol	55	22	77	0.87
407	Passing too close to cyclist, horse rider or pedestrian	28	47	75	0.85
307	Travelling too fast for conditions	30	42	72	0.82
710	Vehicle blind spot	32	40	72	0.82
707	Rain, sleet, snow, or fog	25	44	69	0.78
306	Exceeding speed limit	22	45	67	0.76
410	Loss of control	42	23	65	0.74
807	Pedestrian impaired by drugs (illicit or medicinal)	29	32	61	0.69
706	Dazzling sun	23	26	49	0.56
605	Learner or inexperienced driver/rider	27	20	47	0.53
304	Driver/Rider disobeyed pedestrian crossing facility	14	24	38	0.43
603	Nervous/uncertain/panic	11	25	36	0.41
301	Driver/Rider disobeyed automatic traffic signal	17	18	35	0.40
510	Distraction outside vehicle	11	21	32	0.36
409	Swerved	8	16	24	0.27
408	Sudden braking	8	15	23	0.26
509	Distraction in vehicle	4	18	22	0.25
108	Road layout (eg bend, hill, narrow carriageway)	6	15	21	0.24
309	Vehicle travelling along pavement	14	6	20	0.23
901	Stolen vehicle	13	6	19	0.22
703	Road layout (eg bend, winding road, hill crest)	3	15	18	0.20
401	Junction overshoot	9	8	17	0.19
302	Disobeyed Give Way or Stop sign or markings	5	10	15	0.17
704	Buildings, road signs, street furniture	1	12	13	0.15
902	Vehicle in course of crime	10	2	12	0.14
305	Illegal turn or direction of travel	6	4	10	0.11
402	Junction restart	4	6	10	0.11
404	Failed to signal/misleading signal	2	7	9	0.10
607	Inexperience with type of vehicle	5	3	8	0.09
702	Vegetation	3	4	7	0.08
705	Dazzling headlights	2	5	7	0.08
107	Temporary road layout (eg contraflow)	2	4	6	0.07
308	Following too close	1	5	6	0.07
505	Driver/Rider - Illness or disability, mental or physical	5	1	6	0.07
	Total (Top 51)	4998	3754	8752	99.27