

A and B Road Traffic Growth 2007-2008

2.3 Table 2 gives average 12-hour traffic flows on A and B roads in Oldham in 2008 together with percentage changes since 2007. The figures for A and B road growth are based on counts on 17 of the 77 A and B road links in Oldham.

- Motor traffic in Oldham remained unchanged between 2007 and 2008, while the average for Greater Manchester as a whole decreased by 2%.

Table 2 Average 12-Hour Weekday A and B Traffic Flows in 2008 with Percentage Changes Since 2007						
	No. of Sites	Cars (%)	LGV (%)	OGV (%)	All Motors (%)	
Oldham	17	9626 (0)	1603 (1)	400 (-9)	11930 (0)	
Greater Manchester	166	12080 (-1)	1841 (-2)	483 (-2)	14739 (-2)	

Traffic Growth Since 1993

2.4 Table 3 and Figure 1 illustrate local and national traffic growth since 1993. Traffic growth for Oldham and Greater Manchester is based on 12-hour average weekday flows on a sample of A and B road links throughout Oldham and Greater Manchester. National growth is based on average 24-hour daily traffic flow data for major urban A roads published in Table 3.3 Road Statistics 2008: Traffic, Speeds and Congestion DfT.

- Since 1993 traffic has grown by 7% in Oldham, remained unchanged in Greater Manchester and grown by 3% nationally.

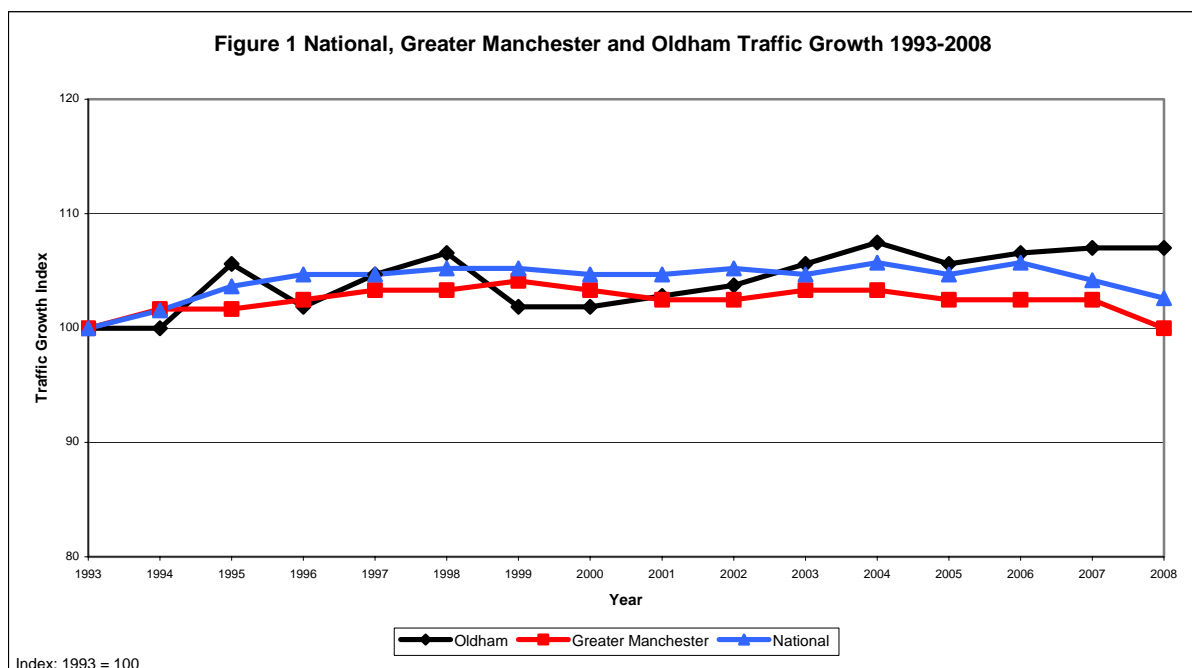


Table 3 National, Greater Manchester and Oldham Traffic Growth 1993- 2008			
	Oldham	Greater Manchester	National
1993	100	100	100
1994	100	102	102
1995	106	102	104
1996	102	102	105
1997	105	103	105
1998	107	103	105
1999	102	104	105
2000	102	103	105
2001	103	102	105
2002	104	102	105
2003	106	103	105
2004	107	103	106
2005	106	102	105
2006	107	102	106
2007	107	102	104
2008	107	100	103
Index: 1993 = 100			

Notes: Traffic growth for Oldham and Greater Manchester has been based on 12-hour average weekday flows on a sample of A and B road links throughout Oldham and Greater Manchester. 1993 – 2008 National growth is based on average 24-hour daily traffic flow data for major urban A Roads published in Table 3.3 Road Traffic Statistics 2008: Traffic, Speeds and Congestion DfT.

Annual Vehicle Kilometres 2008

2.5 Table 4 shows annual vehicle kilometres on major roads in Oldham and Greater Manchester in 2008.

- Motorways made up 5% of Oldham's major road network and carried 25% of the traffic. These figures are lower than for the county as a whole where motorways made up 12% of the major road network and carried 45% of major road traffic.
- Motorways carried 39% of all goods traffic on major roads in Oldham. This is much lower than for Greater Manchester as a whole where motorways carried 62% of all major road goods traffic.
- A roads made up 73% of the Oldham network and carried 63% of the traffic. These are much higher proportions than for Greater Manchester as a whole where A roads formed 61% of the major road network and carried 44% of the traffic.
- B roads made up 22% of the Oldham network and carried 13% of the traffic. These figures are similar to the respective proportions for Greater Manchester where B roads formed 27% of the major road network and carried 11% of the traffic.
- Motorways, A roads and B roads in Oldham carried 6% of the traffic in Greater Manchester on 10% of the road network. Average flows in

Oldham are below the Greater Manchester average because of low flows on rural sections in the east of the borough.

Table 4 Vehicle Kilometres in 2008								
	Road Type	Length (km)	Vehicle Kilometres (millions)					Av. Daily Flow per km
			Cars	LGV	OGV	All Goods	All Motors	
Oldham	Motorways	7	134	27	20	47	182	71200
	A Roads	98	390	48	15	63	461	12900
	B Roads	30	80	10	2	12	93	8500
	All Roads	135	604	85	37	122	736	14900
Greater Manchester	Motorways	171	4373	822	651	1472	5882	94200
	A Roads	863	4967	561	184	745	5819	18500
	B Roads	375	1289	134	27	160	1479	10800
	All Roads	1409	10629	1517	862	2377	13180	25600

Notes: Figures may not sum due to rounding. Road lengths are based on the link lengths of a model road network and may differ slightly from other sources, eg Greater Manchester Network Information System (GMNIS) and as quoted by DfT form R199b.

Traffic Composition 2008

2.6 Table 5 shows the percentage composition of traffic in Oldham in 2008 compared to the county as a whole.

- Traffic composition on Oldham's major road network was broadly similar to Greater Manchester.
- Buses make up notably more of the traffic on B and minor roads than the countywide average.

Table 5 Percentage Composition of Traffic in Oldham and Greater Manchester 2008 (0700-1900)										
		Cars	LGV	OGV1		OGV2		Buses and Coaches	Motor Cycles	Pedal Cycles
Oldham	Motorways	73.6	14.8	7.0	(63)	4.1	(37)	0.2	0.3	0.0
	A Roads	79.9	13.1	3.2	(67)	1.6	(33)	1.6	0.5	0.2
	B Roads	81.4	13.0	1.8	(74)	0.7	(26)	2.1	0.5	0.5
	Minor Roads	82.5	11.0	2.1	(66)	1.1	(34)	2.5	0.5	0.4
Greater Manchester	Motorways	75.0	13.7	5.2	(49)	5.5	(51)	0.3	0.3	0.0
	A Roads	80.9	12.2	2.9	(67)	1.4	(33)	1.6	0.6	0.5
	B Roads	82.8	11.7	1.6	(73)	0.6	(27)	1.8	0.5	0.9
	Minor Roads	83.8	11.0	1.5	(76)	0.5	(24)	1.7	0.5	1.0

Notes: LGV = Commercial Vehicles with 2 axles and up to 6 wheels without a side bar.
 OGV1 = Medium Goods Vehicles with 2 axles and up to 6 wheels with a side bar and Heavy Goods Vehicles with 3 axles.
 OGV2 = Heavy Goods Vehicles with 4 or more axles.
 Figures in parentheses are the percentage split between OGV1 and OGV2.
 Figures may not sum due to rounding.

	Average 1989-93	Average 1994-98	Average 1999-2003	2004	2005	2006	2007	2008
Total Accidents	1002	992	835	814	752	717	626	577
Total KSI Accidents	134	98	76	84	84	70	76	62
Accidents by Month								
January	83	82	75	73	67	61	56	46
February	67	81	63	50	64	42	42	44
March	81	84	65	53	61	49	50	45
April	80	75	63	64	66	67	52	48
May	87	80	67	72	58	62	55	45
June	83	83	63	72	62	58	55	61
July	87	86	70	57	63	71	62	61
August	91	81	65	78	56	52	56	40
September	78	78	69	70	51	59	54	54
October	90	84	76	81	69	66	51	45
November	92	90	77	82	76	62	50	48
December	83	89	81	62	59	68	43	40
Accidents by Day of Week								
Sunday	106	115	93	92	83	90	81	67
Monday	149	137	124	101	95	102	94	95
Tuesday	138	135	116	131	112	87	83	84
Wednesday	141	143	111	129	122	102	92	71
Thursday	158	154	125	122	110	116	84	91
Friday	170	166	150	126	103	114	92	98
Saturday	139	142	115	113	127	106	100	71

	Average 1989-93	Average 1994-98	Average 1999-2003	2004	2005	2006	2007	2008
Accidents by Road Surface								
Dry	584	592	489	511	478	454	412	367
Wet/Damp	391	375	324	281	258	254	208	198
Snow	5	8	4	6	9	4	4	4
Frost/Ice	21	17	12	12	6	5	2	8
Flood	1	0	0	1	0	0	0	0
Oil or Diesel	0	0	4	3	0	0	0	0
Mud	0	0	0	0	1	0	0	0
Wet/Damp Accidents by Road Class								
Motorway	0	0	0	3	3	4	3	1
A (M)	2	4	2	1	0	1	1	4
A	192	191	165	151	139	131	116	98
B	60	50	41	31	25	30	22	24
C	38	41	51	49	45	48	43	39
U	98	99	65	46	46	40	23	32
Total	391	375	324	281	258	254	208	198
Accidents by Light/Dark								
Motorway - Dark	0	0	0	2	2	0	1	3
A (M) - Dark	1	4	2	5	1	1	3	3
A - Dark	138	136	118	97	118	109	78	75
B - Dark	41	37	29	24	21	31	14	24
C - Dark	24	29	37	46	34	34	31	28
U - Dark	74	64	49	42	49	31	23	19
Total	278	270	235	216	225	206	150	152
Motorway - Light	0	0	3	6	5	7	6	10
A (M) - Light	6	5	3	0	1	3	4	3
A - Light	323	329	280	294	258	240	248	200
B - Light	92	85	70	63	52	49	48	42
C - Light	68	75	86	76	92	80	81	88
U - Light	234	228	158	159	119	132	89	82
Total	724	722	600	598	527	511	476	425
No. of Vehicles Per Accident								
1	418	324	274	251	244	237	205	179
2	507	589	491	496	445	410	368	339
3 or more	77	78	70	67	63	70	53	59
No. of Casualties Per Accident								
1	813	750	624	605	568	505	464	397
2	131	160	144	133	114	143	102	116
3 or more	58	82	67	76	70	69	60	64

Notes: Average 1989-93, average 1994-98 and average 1999-2003 totals may not sum due to rounding.
Oil/Diesel or Mud were removed from 'Road Surface Condition' and re-introduced in 'Special Conditions at Site' on 1/4/2006

3. PUBLIC TRANSPORT

Rail Patronage

3.1 Tables 6 and 7 compare rail patronage in the Rochdale/Oldham corridor and in Greater Manchester as a whole in the years 1991 and 1998-2008. Comparisons are based on boarders of trains inbound to Manchester.

- The number of inbound boarders on the Rochdale/Oldham corridor decreased by 5% in the peak period and increased by 17% in the off-peak period between 2007 and 2008. This compares with a 2% rise in the peak period and 4% rise in the off-peak period for Greater Manchester as a whole.

Line	1991	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Rochdale/Oldham	1200	1031	1268	1377	1383	1133	1322	1572	1619	1437	1518	1442
Index	100	86	106	115	115	94	110	131	135	120	127	120
Greater Manchester	9808	9877	11177	11171	11290	10222	11448	12399	13286	13422	14400	14635
Index	100	101	114	114	115	104	117	126	135	137	147	149

Line	1991	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Rochdale/Oldham	632	586	681	795	881	727	918	986	1023	1120	1192	1389
Index	100	93	108	126	139	115	145	156	162	177	189	220
Greater Manchester	4536	4911	5826	5779	6392	5599	7095	6959	7558	8631	9243	9650
Index	100	108	128	127	141	123	156	153	167	190	204	213

Notes:

Figures for 1991 are based on full counts at every station in each corridor. Rochdale/Oldham figures for 1998, 2001, 2004, 2007 and 2008 are also based on counts at every station. All other figures are estimates based on all available counts each year.

Industrial Action:

There was sustained industrial action in 2002 by employees of First North Western and Arriva. While the surveys avoided all strike days, the work to rule by First North Western staff in particular may have had an effect on passenger numbers.

3.2 Table 8 shows numbers of passengers boarding and alighting trains inbound and outbound from Manchester at all stations in Oldham.

3.3 Tables 9 and 10 show passengers boarding and alighting Manchester bound trains in Oldham in 1991 and 1998-2008 in the morning peak (07:30-09:30) and off-peak (09:30-13:30) respectively. All stations in Oldham are shown together with passenger details where available.

Station	Year of Count	AM Peak 07:30-09:30					Off-Peak 09:30-13:30				
		Inbound		Outbound		AM Peak Total	Inbound		Outbound		Off Peak Total
		B	A	B	A		B	A	B	A	
Derker	2008	10	9	4	11	34	12	0	5	8	25
Failsworth	2008	58	4	3	2	67	28	5	1	11	45
Greenfield	2008	206	0	21	6	233	105	5	6	33	149
Hollinwood	2008	18	5	4	14	41	41	6	5	14	66
Oldham Mumps	2008	118	38	5	39	200	120	21	27	60	228
Oldham Werneth	2008	12	0	0	13	25	20	3	3	6	32
Shaw	2008	181	8	14	21	224	145	19	15	67	246

Note: B = Boarders A = Alighters

Station		1991	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Derker	B	17	7	-	-	11	-	-	19	-	-	18	10
	A	-	0	-	-	4	-	-	1	-	-	6	9
Failsworth	B	68	32	-	-	36	-	-	39	-	-	45	58
	A	-	3	-	-	3	-	-	2	-	-	1	4
Greenfield	B	32	90	154	-	131	160	167	175	161	190	177	206
	A	-	3	3	-	4	2	0	4	0	2	1	0
Hollinwood	B	25	17	-	-	13	-	-	32	-	-	24	18
	A	-	3	-	-	2	-	-	8	-	-	6	5
Oldham Mumps	B	105	101	118	217	182	131	156	148	116	100	128	118
	A	-	18	35	44	35	20	32	38	22	27	39	38
Oldham Werneth	B	32	21	-	-	21	-	-	46	-	-	9	12
	A	-	3	-	-	5	-	-	8	-	-	4	0
Shaw	B	174	179	209	241	229	212	244	270	161	158	170	181
	A	-	2	13	2	7	18	2	0	2	5	4	8

Note: B = Boarders A = Alighters

Station		1991	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Derker	B	10	4	-	-	2	-	-	5	-	-	7	12
	A	-	1	-	-	1	-	-	0	-	-	3	0
Failsworth	B	23	16	-	-	23	-	-	23	-	-	20	28
	A	-	0	-	-	5	-	-	1	-	-	2	5
Greenfield	B	10	24	28	-	38	62	41	65	64	82	83	105
	A	-	3	2	-	0	0	1	2	2	4	0	5
Hollinwood	B	19	7	-	-	7	-	-	13	-	-	18	41
	A	-	0	-	-	2	-	-	7	-	-	1	6
Oldham Mumps	B	43	80	92	107	104	77	110	113	94	99	138	120
	A	-	20	37	44	38	24	14	20	26	22	32	21
Oldham Werneth	B	17	11	-	-	16	-	-	24	-	-	23	20
	A	-	1	-	-	0	-	-	2	-	-	4	3
Shaw	B	58	85	91	128	95	137	144	116	122	141	142	145
	A	-	11	5	2	7	9	4	3	5	18	10	19

Note: B = Boarders A = Alighters

Bus Mileage

- 3.4 The information for bus mileage is based on a bus registration database maintained by the GMPTE. These figures reflect the services as registered by bus operators.
- 3.5 GMPTE have revised this database and data for 2008 are not presently available in a form comparable with previous years' data. Therefore the latest data shown in the trend tables in this report are for 2007.
- 3.6 GMTU does not currently undertake bus patronage monitoring. Any information on trends in bus patronage should be obtained from GMPTE.
- 3.7 Table 11 shows commercial and subsidised annualised bus mileage from 2002 to 2007 and in 1985 (pre-deregulation year).
- Total mileage operated in Oldham fell by 4% between 2006 and 2007. This compares with a fall of 6% in Greater Manchester
 - 75% of Oldham's total mileage in 2007 was operated commercially. This is a smaller proportion than in Greater Manchester as a whole (80%).
 - In 2007, 8% of commercial Greater Manchester bus mileage and 9% of Greater Manchester subsidised mileage was operated in Oldham.

Table 11 Commercial and Subsidised Annualised Bus Mileage in Millions, 2002-2007 and 1985 (pre-deregulation year)							
	Nov 85	Nov 02	Nov 03	Nov 04	Nov 05	Nov 06	Nov-07
Oldham							
Commercial Mileage	-	3.3 (71)	4.7 (78)	3.8 (74)	4.3 (74)	4.2 (73)	4.1 (75)
Subsidised Mileage	-	0.9 (29)	1.3 (22)	1.3 (26)	1.5 (26)	1.5 (27)	1.3 (25)
Total Mileage	5.1	4.7	6.0	5.1	5.8	5.7	5.5
Greater Manchester							
Commercial Mileage	-	62.0 (83)	58.6 (81)	56.0 (81)	55.7 (79)	57.0 (80)	53.3 (80)
Subsidised Mileage	-	12.9 (17)	13.4 (19)	13.5 (19)	14.7 (21)	14.3 (20)	13.7 (20)
Total Mileage	65.3	74.9	72.0	69.4	70.4	71.3	66.9

Notes: Sum of commercial and subsidised mileage may not equal the total mileage due to rounding. Figures in parentheses are the percentage of the total mileage.

3.8 Table 12 shows bus mileage by time of day and day of week in Oldham and Greater Manchester.

- Since deregulation, Sunday mileage in Oldham has decreased more than in Greater Manchester as a whole.
- Bus mileage by time period in Oldham has decreased in all time periods since 2006
- The proportion of commercial mileage was lower in Oldham than in Greater Manchester as a whole in all time periods except weekday evenings.
- Oldham had its lowest percentage of Greater Manchester mileage on Sundays.

Table 12 Bus Mileage by Time of Day and Day of Week in Oldham and Greater Manchester								
Year	1985	2002	2003	2004	2005	2006	2007	Index 2007
Day/Time Period								
Oldham								
Weekday 07:00-09:00	2570	2310	2940	2480	2770	2620	2490 (80)	97
Weekday 10:00-15:00	4120	5450	6920	6050	6800	6810	6470 (77)	157
Weekday 20:00-22:00	1120	570	740	620	720	710	650 (48)	58
Saturday	14500	12770	15980	13630	15750	15420	14250 (75)	98
Sunday	7890	4280	5700	4950	5880	5940	5680 (56)	72
Greater Manchester								
Weekday 07:00-09:00	32800	34670	33280	32720	32820	31770	29640 (84)	90
Weekday 10:00-15:00	55090	85900	82730	79090	79870	80180	75810 (83)	138
Weekday 20:00-22:00	13640	9780	9070	8740	9090	9350	8710 (46)	64
Saturday	178130	202830	194920	186170	187740	190880	177520 (80)	100
Sunday	99650	75710	74920	72540	76870	81740	76370 (65)	77
Oldham as a % of Greater Manchester								
Weekday 0700-0900	7.8	6.7	8.8	7.6	8.4	8.2	8.4	
Weekday 10:00-1500	7.5	6.3	8.4	7.6	8.5	8.5	8.5	
Weekday 2000-2200	8.2	5.8	8.2	7.1	7.9	7.6	7.5	
Saturday	8.1	6.3	8.2	7.3	8.4	8.1	8.0	
Sunday	7.9	5.7	7.6	6.8	7.6	7.3	7.4	

Notes: Figures in parentheses give the percentage of mileage operated commercially in 2007. Index 2007 based on 1985 = 100.

4. KEY CENTRE MONITORING

- 4.1 Traffic and rail counts were conducted on a cordon around Oldham in 1997. Since then, Oldham has been surveyed on a three yearly cycle (1998, 2001, 2004 and 2007) to monitor progress towards key objectives in the first Greater Manchester Local Transport Plan (GMLTP) and its successor, GMLTP2. Pedestrian surveys were added to the programme in 2001. From 2008, all these surveys will be conducted annually.
- 4.2 Tables providing details of road traffic and modal share trends are presented in this report. Before 2008, CPS (Continuous Passenger Sampling) data had been used to estimate bus trips. However this data was not designed to give an accurate picture of bus passengers at a local level and in 2008, counts of bus passengers crossing the cordon have been conducted.
- 4.3 Historic bus passenger data have been adjusted to be consistent with the new survey methodology but it should be noted that the trends are still based on CPS data.

Road Traffic - Inbound

- 4.4 All vehicles crossing a cordon in Oldham key centre were counted in the three time periods 07:30-09:30, 10:00-12:00 and 16:00-18:00 on a typical weekday in September 2008.
- 4.5 Tables 13 to 15 give manual traffic counts at each individual cordon site in September 2008 by time period. Figure 2 shows the location of these sites and the Key Centre boundary.

Site	Site No	Cars	LGV	OGV	Bus and Coaches	Motor Cycles	Pedal Cycles	All Vehicles
St Mary's Way	85401	741	104	36	43	4	0	928
Henshaw St	85402	238	32	9	9	1	1	290
Egerton St	85403	886	101	10	6	4	4	1011
Horsedge St	85404	93	12	1	1	0	1	108
Lemnos St	85405	273	41	15	5	0	0	334
Mumps	85406	1591	129	34	113	7	7	1881
Waterloo St	85407	512	48	4	3	3	2	572
Wellington St	85408	6	0	1	0	0	0	7
New Radcliffe St	85411	285	32	1	0	0	4	322
West St	85413	10	8	1	161	0	1	181
Union St	85415	1052	123	25	3	10	5	1218
Lord St	85420	16	6	0	0	0	1	23
Manchester St	85426	81	2	0	0	0	2	85
A62 off slip	85427	499	24	4	1	0	0	528
Emmott Way	85428	857	140	21	3	0	1	1022
Other P/C							6	6
Total		7140	802	162	348	29	35	8516
% Composition		83.8	9.4	1.9	4.1	0.3	0.4	100.0

Note: Percentages may not sum to 100 due to rounding.

Site	Site No	Cars	LGV	OGV	Bus and Coaches	Motor Cycles	Pedal Cycles	All Vehicles
St Mary's Way	85401	731	73	35	48	2	0	889
Henshaw St	85402	242	25	12	11	0	0	290
Egerton St	85403	492	63	17	4	2	3	581
Horsedge St	85404	171	24	2	0	1	1	199
Lemnos St	85405	78	33	4	0	0	0	115
Mumps	85406	954	92	22	111	7	3	1189
Waterloo St	85407	445	41	1	6	0	0	493
Wellington St	85408	29	5	0	0	0	0	34
New Radcliffe St	85411	123	13	0	0	0	0	136
West St	85413	16	6	6	176	0	1	205
Union St	85415	1296	140	24	1	2	6	1469
Lord St	85420	18	0	1	0	0	1	20
Manchester St	85426	28	4	1	0	0	0	33
A62 off slip	85427	277	31	4	2	0	0	314
Emmott Way	85428	641	130	27	0	2	0	800
Other P/C							4	4
Total		5541	680	156	359	16	19	6771
% Composition		81.8	10.0	2.3	5.3	0.2	0.3	100.0

Note: Percentages may not sum to 100 due to rounding.

Site	Site No	Cars	LGV	OGV	Bus and Coaches	Motor Cycles	Pedal Cycles	All Vehicles
St Mary's Way	85401	1107	94	15	40	4	0	1260
Henshaw St	85402	330	35	5	8	0	1	379
Egerton St	85403	701	64	3	5	0	4	777
Horsedge St	85404	158	14	1	1	0	1	175
Lemnos St	85405	107	18	2	2	1	1	131
Mumps	85406	785	65	4	109	3	4	970
Waterloo St	85407	625	31	1	5	3	1	666
Wellington St	85408	33	2	0	0	0	0	35
New Radcliffe St	85411	126	12	0	0	0	1	139
West St	85413	27	2	1	170	0	3	203
Union St	85415	1276	96	4	2	9	7	1394
Lord St	85420	14	5	0	0	0	0	19
Manchester St	85426	22	2	0	0	0	2	26
A62 off slip	85427	419	33	2	3	3	0	460
Emmott Way	85428	1071	126	10	7	7	1	1222
Other P/C							5	5
Total		6801	599	48	352	30	31	7861
% Composition		86.5	7.6	0.6	4.5	0.4	0.4	100.0

Note: Percentages may not sum to 100 due to rounding.

