

## **APPENDIX 3**

### **ATC DATA FROM SITES ON KEY CENTRE CORDON**



## ATC DATA FROM SITES ON KEY CENTRE CORDON

This section presents profiles of traffic entering the key centre, derived from automatic traffic counts over two consecutive weeks in April-May 2009 on roads with at least 2000 vehicles per day.

The first sheet presents total traffic flows. The five day average flow for time period 0700-1000, combined with those from the other key centres in Greater Manchester (excluding Manchester), provides the 2008/09 data for the mandatory indicator LTP6b: Peak traffic flows to other Greater Manchester key centres.

The second and subsequent sheets present data for each site as follows:

<b>Site</b>	<b>Description</b>	<b>Direction</b>
00510661	B6223 Drake Street	Northwest bound
00510670	B6266 Esplanade <sup>1,2</sup>	Northeast bound
00510680	Newgate	Eastbound
00510690	Hunter's Lane	Eastbound
00510701	Union Street	Southeast bound
00510711	B6266 Smith Street	Westbound

**Notes:** <sup>1</sup> The 5 day average traffic flow for Site 00510670 B6266 Esplanade includes ATC data estimated from 2009 Tuesday-Friday counts as no data is available between 00:00-12:00 on Monday at this site. The total traffic flows of all sites on Monday and the 5 day average for the total traffic flows of all sites have been calculated using the estimated data.

<sup>2</sup> The 7 day average traffic flow for Site 00510670 B6266 Esplanade has not been calculated as no data is available for Sunday at this site. The total traffic flows of all sites on Sunday and the 7 day average for the total traffic flows of all sites have also not been calculated.

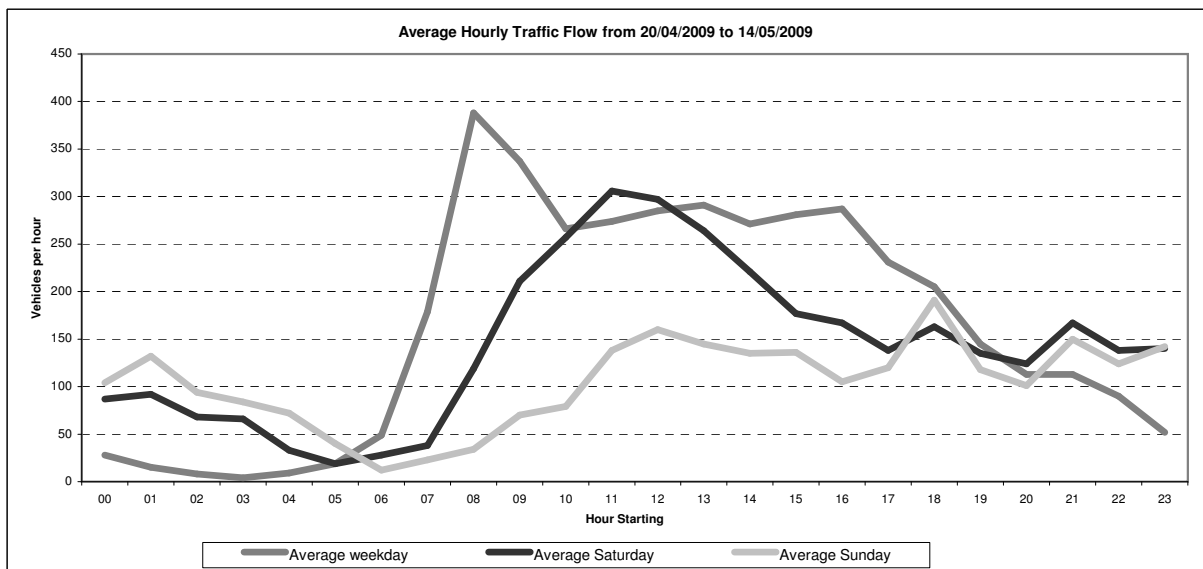


**Greater Manchester Transportation Unit**  
**Automatic Traffic Counter Data April/May 2009**  
**Rochdale Key Centre All Sites**

**West bound**

Average vehicle flows (excluding School Holidays, Bank Holidays, roadworks etc)

Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day
00	203	121	136	162	213	460	-	167	-
01	116.25	75	75	86	138	384	-	99	-
02	93	33	44	37	85	335	-	59	-
03	62.5	27	24	23	70	288	-	42	-
04	64	38	34	35	62	166	-	47	-
05	135.75	122	130	141	147	122	-	135	-
06	359	345	360	375	373	227	-	363	-
07	1109	1105	1142	1093	1122	325	-	1114	-
08	2136.25	2144	2265	2198	2136	909	-	2176	-
09	2137.5	2162	2101	2024	2065	1518	-	2099	-
10	1816.75	1771	1753	1729	1837	1863	-	1782	-
11	1832.5	1834	1851	1796	1955	1991	-	1854	-
12	1815	1863	1860	1856	1980	1951	-	1875	-
13	1940	1933	1865	1790	2075	1839	-	1921	-
14	1752	1753	1756	1719	2006	1777	-	1797	-
15	1831	1852	1861	1844	2040	1480	-	1886	-
16	1682	1742	1950	1768	1895	1236	-	1807	-
17	1373	1479	1720	1442	1443	1001	-	1491	-
18	1071	1122	1313	1177	1221	914	-	1181	-
19	742	843	868	916	998	874	-	874	-
20	715	635	655	720	814	777	-	707	-
21	565	524	550	595	704	796	-	587	-
22	340	371	387	465	672	696	-	447	-
23	208	219	250	328	493	598	-	300	-
<b>TOTALS</b>									
<b>12 hour (0700-1900)</b>	20496	20760	21437	20436	21775	16804	0	20983	0
<b>am peak (0700-1000)</b>	5382.75	5411	5508	5315	5323	2752	0	5389	0
<b>off peak (1000-1600)</b>	10987.25	11006	10946	10734	11893	10901	0	11115	0
<b>pm peak (1600-1900)</b>	4126	4343	4983	4387	4559	3151	0	4479	0
<b>24 hour (0000-2400)</b>	24099.5	24113	24950	24319	26544	22527	0	24810	0

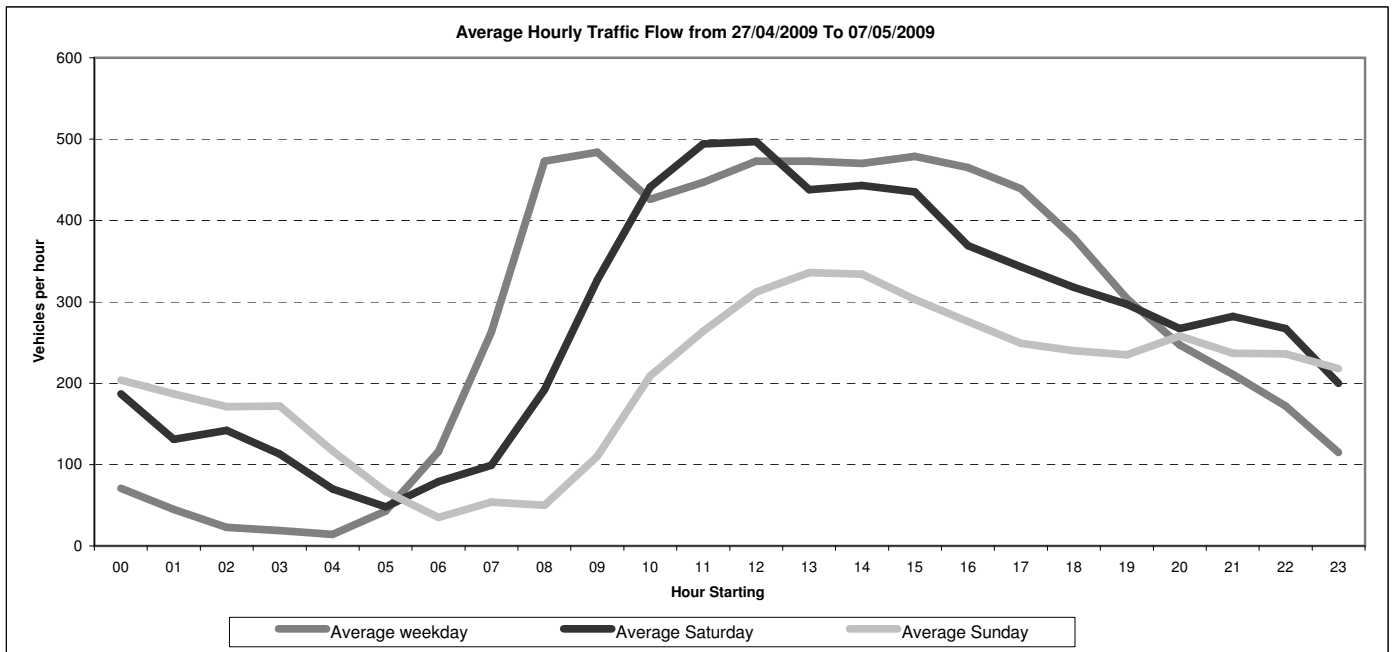


**Greater Manchester Transportation Unit**  
**Automatic Traffic Counter Data From 27/04/2009 To 07/05/2009**  
**Site No: 00510661 B6223 Drake Street Rochdale**

**Northwest bound**

Average vehicle flows (excluding School Holidays, Bank Holidays, roadworks etc)

Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day
00	95	49	62	73	74	187	204	71	106
01	47	39	34	45	60	131	187	45	78
02	37	13	20	12	33	142	171	23	61
03	29	11	11	8	36	113	172	19	54
04	23	11	8	13	14	70	117	14	37
05	44	39	43	48	41	48	67	43	47
06	110	108	113	116	132	79	35	116	99
07	264	264	264	263	258	99	54	263	209
08	476	466	493	478	451	192	50	473	372
09	535	496	476	460	453	327	110	484	408
10	412	437	430	405	444	441	209	426	397
11	444	440	433	449	470	494	264	447	428
12	453	463	476	471	501	497	312	473	453
13	483	474	450	437	521	438	336	473	448
14	445	462	460	457	525	443	334	470	447
15	458	489	451	506	491	435	303	479	448
16	429	458	476	463	498	369	276	465	424
17	415	456	427	441	456	343	249	439	398
18	381	346	371	393	406	318	240	379	351
19	272	283	332	308	326	297	235	304	293
20	246	224	238	261	268	267	258	247	252
21	203	183	219	212	238	282	237	211	225
22	141	142	144	183	251	267	236	172	195
23	87	91	119	117	161	200	218	115	142
<b>TOTALS</b>									
12 hour (0700-1900)	5195	5251	5207	5223	5474	4396	2737	5271	4783
am peak (0700-1000)	1275	1226	1233	1201	1162	618	214	1220	989
off peak (1000-1600)	2695	2765	2700	2725	2952	2748	1758	2768	2621
pm peak (1600-1900)	1225	1260	1274	1297	1360	1030	765	1283	1173
24 hour (0000-2400)	6529	6444	6550	6619	7108	6479	4874	6651	6372

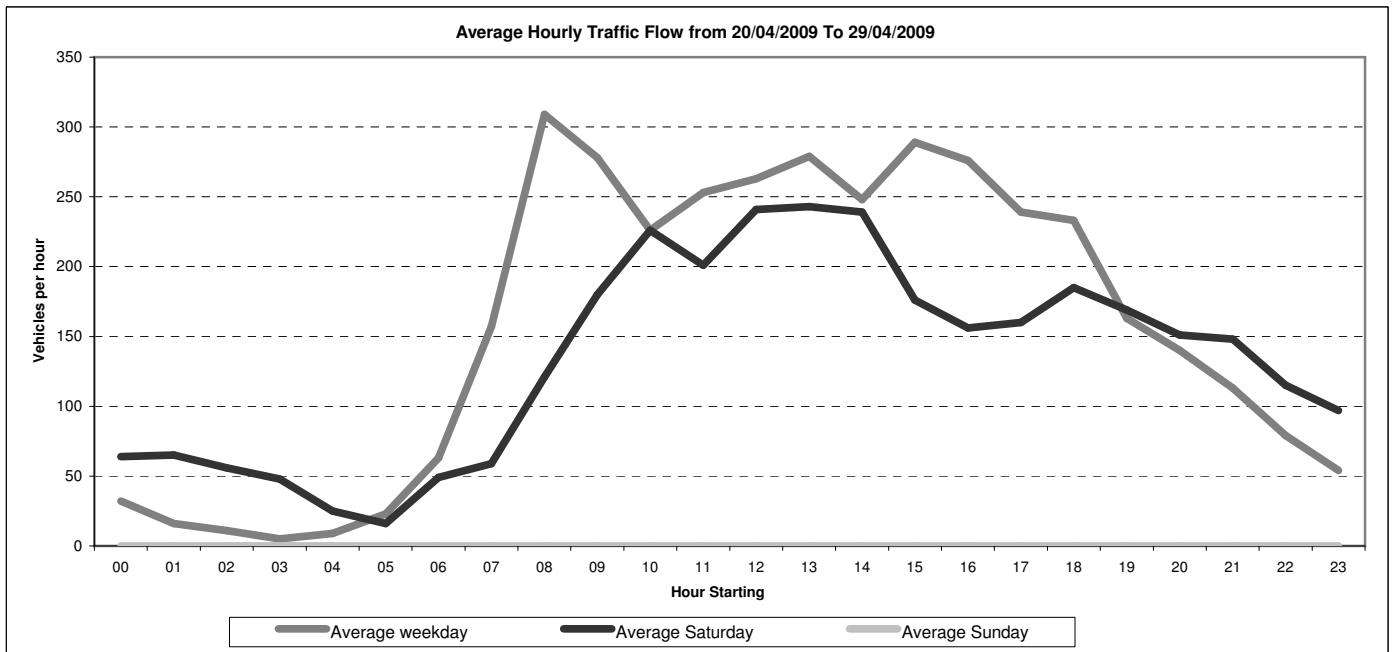


**Greater Manchester Transportation Unit**  
**Automatic Traffic Counter Data From 20/04/2009 To 29/04/2009**  
**Site No: 00510670 B6266 Esplanade Rochdale**

**Northeast bound**

Average vehicle flows (excluding School Holidays, Bank Holidays, roadworks etc)

Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day
00	32	26	22	29	51	64	-	32	-
01	16	13	18	11	23	65	-	16	-
02	11	8	5	7	24	56	-	11	-
03	5	2	5	2	9	48	-	5	-
04	9	7	9	5	15	25	-	9	-
05	23	23	17	22	29	16	-	23	-
06	63	61	60	66	65	49	-	63	-
07	157	149	151	153	175	59	-	157	-
08	309	309	298	324	306	121	-	309	-
09	278	297	276	251	286	180	-	278	-
10	226	222	233	214	234	226	-	226	-
11	253	258	267	224	261	201	-	253	-
12	262	257	285	244	265	241	-	263	-
13	255	313	300	249	279	243	-	279	-
14	231	222	262	233	293	239	-	248	-
15	256	291	283	281	336	176	-	289	-
16	249	241	346	278	266	156	-	276	-
17	191	214	389	209	194	160	-	239	-
18	182	205	365	198	215	185	-	233	-
19	140	175	135	186	177	169	-	163	-
20	147	132	114	141	167	151	-	140	-
21	97	130	112	110	118	148	-	113	-
22	57	70	82	80	104	115	-	79	-
23	32	42	42	67	87	97	-	54	-
<b>TOTALS</b>									
12 hour (0700-1900)	2848	2978	3455	2858	3110	2187	0	3050	0
am peak (0700-1000)	744	755	725	728	767	360	0	744	0
off peak (1000-1600)	1482	1563	1630	1445	1668	1326	0	1558	0
pm peak (1600-1900)	622	660	1100	685	675	501	0	748	0
24 hour (0000-2400)	3480	3667	4076	3584	3979	3190	0	3758	0

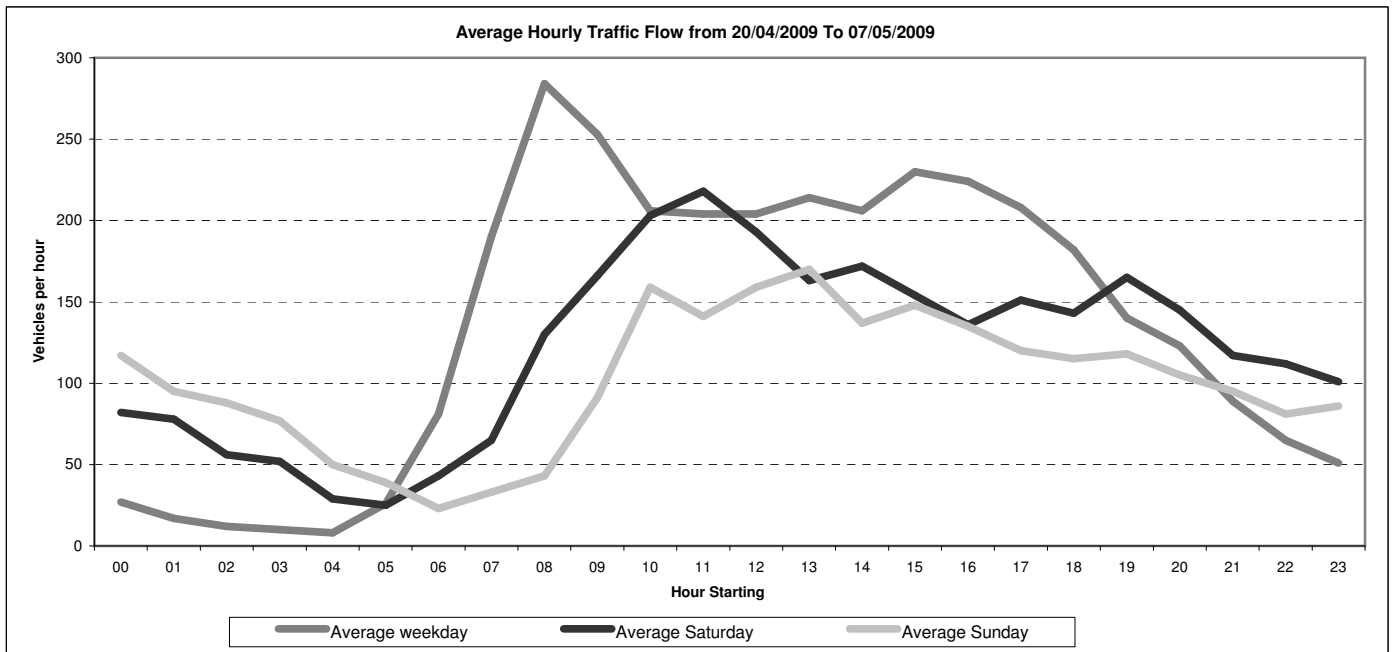


**Greater Manchester Transportation Unit**  
**Automatic Traffic Counter Data From 20/04/2009 To 07/05/2009**  
**Site No: 00510680 Newgate Rochdale**

**East bound**

Average vehicle flows (excluding School Holidays, Bank Holidays, roadworks etc)

Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day
00	26	20	25	27	39	82	117	27	48
01	28	13	10	10	23	78	95	17	37
02	21	5	11	9	13	56	88	12	29
03	15	8	4	8	14	52	77	10	25
04	11	5	5	9	9	29	50	8	17
05	29	25	24	26	28	25	39	26	28
06	83	76	82	83	79	43	23	81	67
07	196	174	211	184	187	65	33	190	150
08	244	281	334	285	276	130	43	284	228
09	272	243	297	222	233	166	91	253	218
10	223	201	200	201	204	203	159	206	199
11	197	196	211	195	221	218	141	204	197
12	200	209	193	206	213	193	159	204	196
13	212	220	211	191	236	163	170	214	200
14	215	193	204	204	214	172	137	206	191
15	222	212	239	220	256	154	148	230	207
16	189	215	248	233	237	136	135	224	199
17	184	204	251	199	201	151	120	208	187
18	144	189	199	200	176	143	115	182	167
19	114	139	158	139	148	165	118	140	140
20	109	100	128	130	148	145	105	123	124
21	78	71	73	106	116	117	95	89	94
22	44	51	61	67	103	112	81	65	74
23	31	37	37	57	95	101	86	51	63
<b>TOTALS</b>									
12 hour (0700-1900)	2498	2537	2798	2540	2654	1894	1451	2605	2339
am peak (0700-1000)	712	698	842	691	696	361	167	727	596
off peak (1000-1600)	1269	1231	1258	1217	1344	1103	914	1264	1190
pm peak (1600-1900)	517	608	698	632	614	430	370	614	553
24 hour (0000-2400)	3087	3087	3416	3211	3469	2899	2425	3254	3085

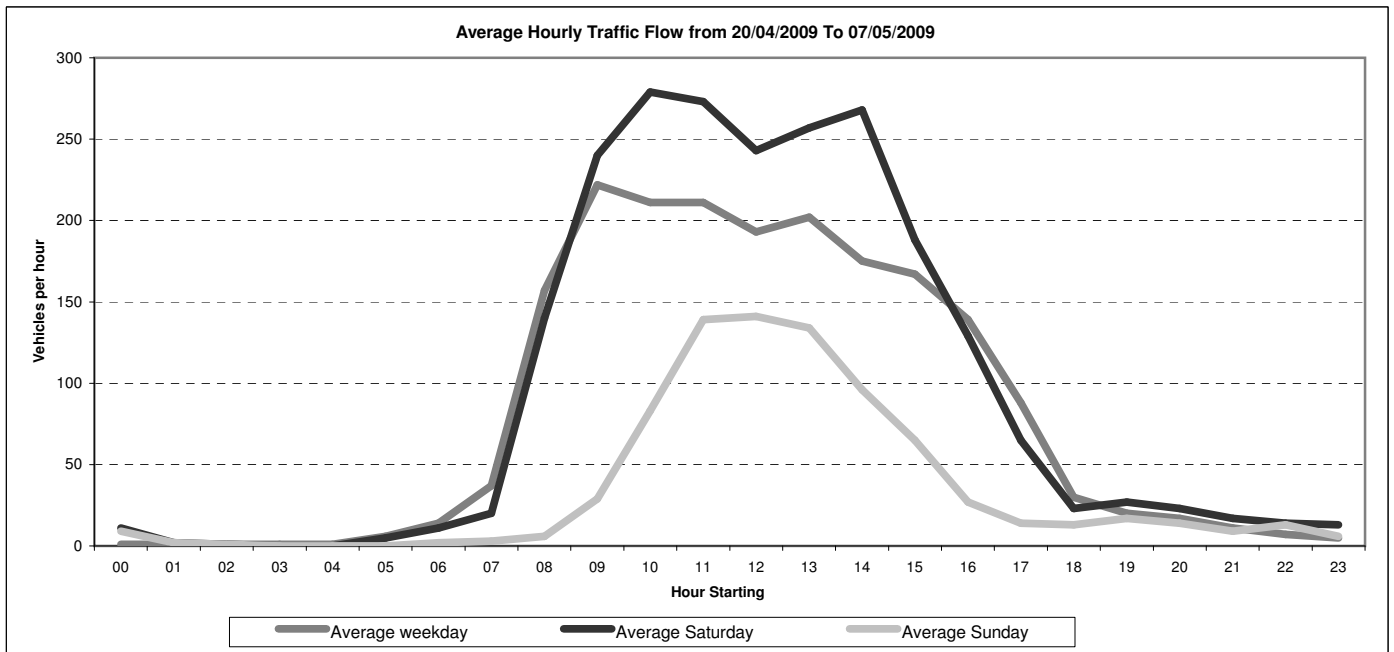


**Greater Manchester Transportation Unit**  
**Automatic Traffic Counter Data From 20/04/2009 To 07/05/2009**  
**Site No: 00510690 Hunter's Lane Rochdale**

**East bound**

Average vehicle flows (excluding School Holidays, Bank Holidays, roadworks etc)

Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day
00	1	1	1	2	0	11	9	1	4
01	0	1	1	1	1	2	2	1	1
02	0	0	1	1	1	1	1	1	1
03	0	1	1	1	1	0	0	1	1
04	1	1	1	2	2	0	0	1	1
05	8	5	9	4	4	5	0	6	5
06	15	14	13	14	15	11	2	14	12
07	27	45	33	33	45	20	3	37	29
08	142	154	170	166	151	140	6	157	133
09	217	221	213	228	229	240	29	222	197
10	208	196	191	212	246	279	83	211	202
11	239	206	201	189	220	273	139	211	210
12	189	181	172	204	218	243	141	193	193
13	232	194	143	205	234	257	134	202	200
14	174	172	129	188	211	268	96	175	177
15	151	142	172	158	211	188	65	167	155
16	113	128	165	123	167	129	27	139	122
17	57	86	139	90	68	65	14	88	74
18	17	23	52	22	34	23	13	30	26
19	14	17	18	19	30	27	17	20	20
20	20	14	9	12	29	23	14	17	17
21	11	5	9	8	24	17	9	11	12
22	4	6	5	9	13	14	13	7	9
23	5	2	3	6	7	13	6	5	6
<b>TOTALS</b>									
12 hour (0700-1900)	1766	1748	1780	1818	2034	2125	750	1832	1718
am peak (0700-1000)	386	420	416	427	425	400	38	416	359
off peak (1000-1600)	1193	1091	1008	1156	1340	1508	658	1159	1137
pm peak (1600-1900)	187	237	356	235	269	217	54	257	222
24 hour (0000-2400)	1845	1815	1851	1897	2161	2249	823	1917	1807

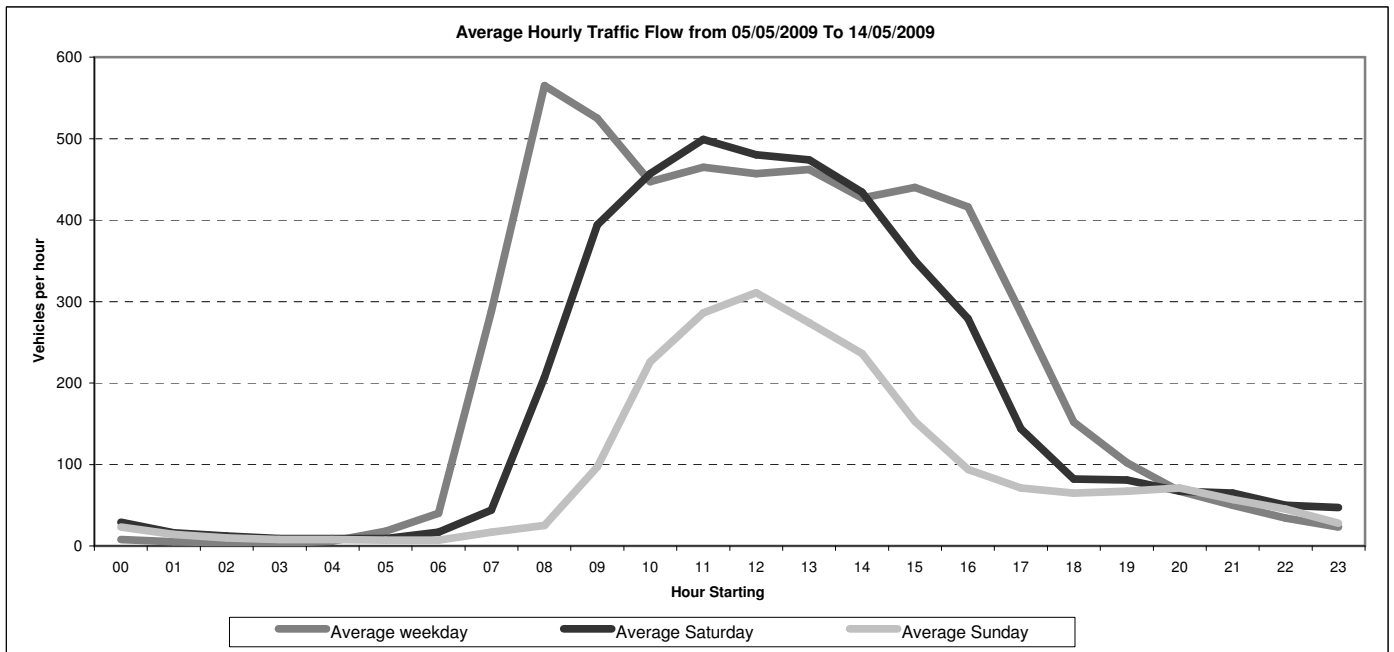


**Greater Manchester Transportation Unit**  
**Automatic Traffic Counter Data From 05/05/2009 To 14/05/2009**  
**Site No: 00510701 Union Street Rochdale**

**Southeast bound**

Average vehicle flows (excluding School Holidays, Bank Holidays, roadworks etc)

Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day
00	10	6	8	7	11	29	23	8	13
01	6	2	3	6	6	16	14	5	8
02	4	4	3	6	2	12	10	4	6
03	5	4	1	3	2	9	8	3	5
04	6	7	6	2	7	9	8	6	6
05	15	16	20	20	20	9	7	18	15
06	33	34	42	51	40	17	7	40	32
07	282	297	302	284	277	44	17	288	215
08	576	554	571	564	561	207	25	565	437
09	490	550	498	535	550	394	97	525	445
10	465	445	442	422	462	457	226	447	417
11	444	454	464	473	490	499	286	465	444
12	462	467	441	429	487	480	311	457	440
13	450	451	479	425	504	474	274	462	437
14	410	433	444	377	473	434	236	427	401
15	455	432	452	423	437	350	153	440	386
16	435	409	420	375	440	279	94	416	350
17	296	288	280	260	306	144	71	286	235
18	150	152	148	136	173	82	65	152	129
19	99	80	95	113	124	81	67	102	94
20	76	64	54	66	76	67	71	67	68
21	59	43	39	51	57	65	57	50	53
22	28	30	22	40	50	50	45	34	38
23	18	13	16	29	37	47	28	23	27
<b>TOTALS</b>									
12 hour (0700-1900)	4915	4932	4941	4703	5160	3844	1855	4930	4336
am peak (0700-1000)	1348	1401	1371	1383	1388	645	139	1378	1097
off peak (1000-1600)	2686	2682	2722	2549	2853	2694	1486	2698	2525
pm peak (1600-1900)	881	849	848	771	919	505	230	854	714
24 hour (0000-2400)	5274	5235	5250	5097	5592	4255	2200	5290	4701



**Greater Manchester Transportation Unit**  
**Automatic Traffic Counter Data From 27/04/2009 To 07/05/2009**  
**Site No: 00510711 B6266 Smith Street Rochdale**

**West bound**

Average vehicle flows (excluding School Holidays, Bank Holidays, roadworks etc)

Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day
00	39	19	18	24	38	87	104	28	47
01	19	7	9	13	25	92	132	15	42
02	20	3	4	2	12	68	94	8	29
03	9	1	2	1	8	66	84	4	24
04	14	7	5	4	15	33	72	9	21
05	17	14	17	21	25	19	40	19	22
06	55	52	50	45	42	28	12	49	41
07	183	176	181	176	180	38	23	179	137
08	389	380	399	381	391	119	34	388	299
09	346	355	341	328	314	211	70	337	281
10	283	270	257	275	247	257	79	266	238
11	256	280	275	266	293	306	138	274	259
12	249	286	293	302	296	297	160	285	269
13	308	281	282	283	301	264	145	291	266
14	277	271	257	260	290	221	135	271	244
15	289	286	264	256	309	177	136	281	245
16	267	291	295	296	287	167	105	287	244
17	230	231	234	243	218	138	120	231	202
18	197	207	178	228	217	163	191	205	197
19	103	149	130	151	193	135	118	145	140
20	117	101	112	110	126	124	101	113	113
21	117	92	98	108	151	167	150	113	126
22	66	72	73	86	151	138	124	90	101
23	35	34	33	52	106	140	142	52	77
<b>TOTALS</b>									
12 hour (0700-1900)	3274	3314	3256	3294	3343	2358	1336	3295	2881
am peak (0700-1000)	918	911	921	885	885	368	127	904	717
off peak (1000-1600)	1662	1674	1628	1642	1736	1522	793	1668	1521
pm peak (1600-1900)	694	729	707	767	722	468	416	723	643
24 hour (0000-2400)	3885	3865	3807	3911	4235	3455	2509	3940	3664

