

APPENDIX 3

ATC DATA FROM SITES ON KEY CENTRE CORDON

ATC DATA FROM SITES ON KEY CENTRE CORDONS

ATC surveys for sites on Key Centre Cordons were not conducted in March 2011. Data from March 2010 is below.

This section presents profiles of traffic entering the key centre, derived from automatic traffic counts over two consecutive weeks in March 2010 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 2009/10 data for the mandatory indicator LTP6b: Peak traffic flows to other Greater Manchester key centres.

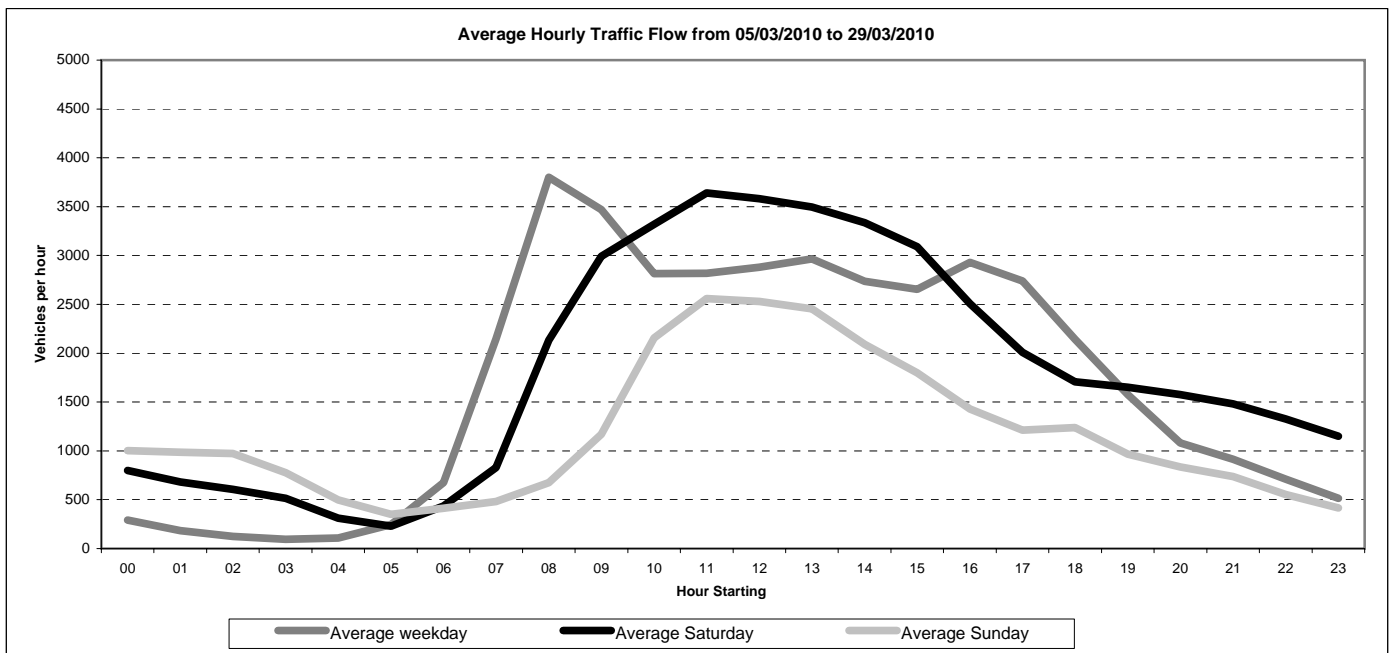
The second and subsequent sheets present data for each site as follows:

Site	Description	Direction
00110181	A676 Folds Road	Southwest bound
00110190	Carlton Street	Northwest bound
00110200	A575 Bradshawgate	Northbound
00110211	Black Horse Street	Northbound
00110220	Ormrod Street	Eastbound
00110231	A676 Deansgate	Eastbound
00110240	B6205 St. George's Road	Eastbound
00110251	B6206 Higher Bridge Street	Southbound
00110261	A666 Offslip to St. George's Street	Northwest bound

Greater Manchester Transportation Unit
Automatic Traffic Counter Data From 05/03/10 to 29/03/10
Bolton Key Centre Total of All Sites

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

Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day
00	303	247	258	288	355	798	1001	290	464
01	191	132	171	182	247	681	985	185	370
02	114	102	116	122	173	607	972	125	315
03	87	56	92	101	137	514	778	95	252
04	103	105	95	108	131	312	498	108	193
05	234	235	249	255	260	228	349	247	259
06	637	680	685	679	696	435	414	676	604
07	2010	2234	2111	2178	2206	829	483	2148	1722
08	3555	3897	3756	3882	3912	2132	676	3800	3116
09	3237	3551	3345	3627	3588	2993	1171	3470	3073
10	2498	2916	2641	2941	3072	3320	2156	2814	2792
11	2504	2837	2693	2973	3089	3640	2560	2819	2899
12	2513	2959	2848	3027	3060	3580	2530	2881	2931
13	2705	2909	2955	3010	3246	3495	2455	2965	2968
14	2513	2633	2623	2854	3060	3334	2091	2737	2730
15	2447	2540	2642	2711	2927	3090	1799	2653	2594
16	2642	2978	2840	3081	3103	2506	1429	2929	2654
17	2551	2725	2828	2822	2775	2007	1212	2740	2417
18	2038	2102	2210	2251	2113	1706	1238	2143	1951
19	1352	1434	1591	1600	1903	1650	965	1576	1499
20	890	948	1032	1132	1412	1576	837	1083	1118
21	756	776	857	945	1235	1480	737	914	969
22	520	615	639	696	1091	1328	555	712	778
23	324	390	445	471	949	1149	415	516	592
TOTALS									
12 hour (0700-1900)	31213	34281	33492	35357	36151	32632	19800	34099	31847
am peak (0700-1000)	8802	9682	9212	9686	9706	5954	2330	9418	31624
off peak (1000-1600)	15180	16794	16402	17516	18454	20459	13591	16869	29627
pm peak (1600-1900)	7231	7805	7878	8154	7991	6219	3879	7812	27523
24 hour (0000-2400)	36724	40001	39722	41937	44741	43390	28306	40625	25509

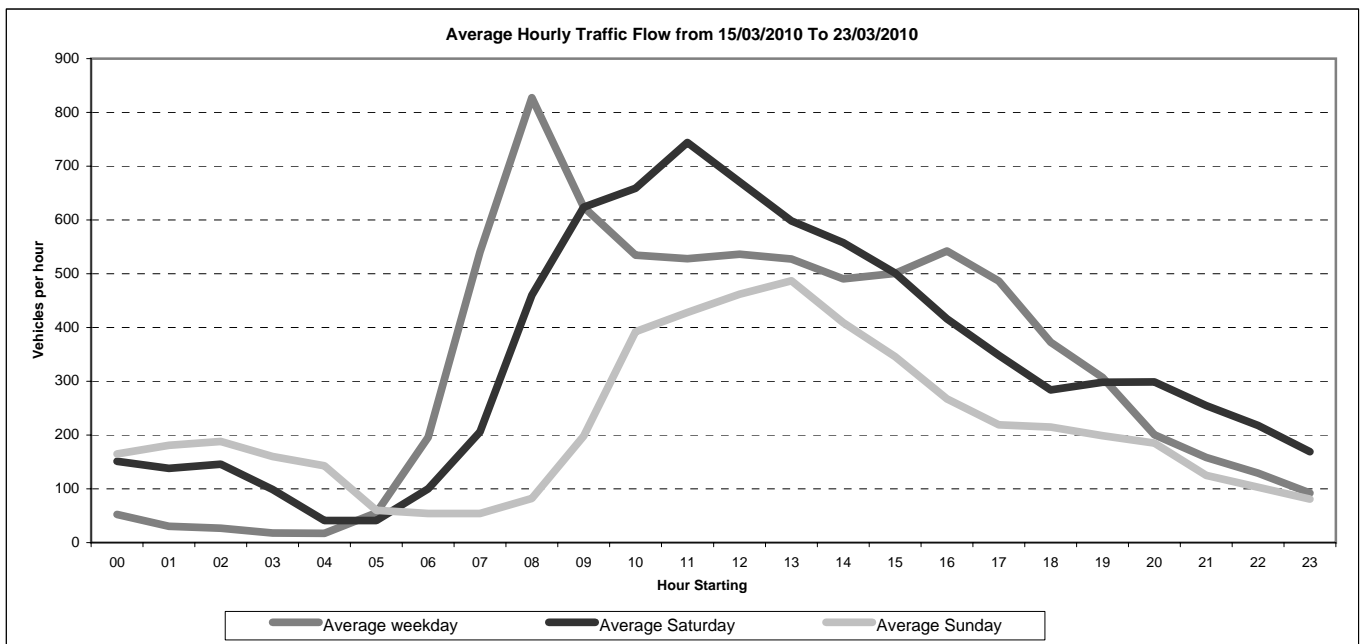


Greater Manchester Transportation Unit
Automatic Traffic Counter Data From 15/03/2010 To 29/03/2010
Site No: 00110181 A676 Folds Road Bolton

Southwest 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	53	42	45	50	71	151	165	52	82
01	33	23	24	20	52	138	181	30	67
02	25	16	22	17	53	146	188	27	67
03	19	10	16	12	32	99	160	18	50
04	18	14	15	15	23	41	143	17	38
05	51	52	58	54	62	41	60	55	54
06	186	199	212	185	196	100	54	196	162
07	502	544	538	547	570	206	54	540	423
08	844	847	827	820	799	460	82	827	668
09	617	639	607	626	630	624	198	624	563
10	521	526	497	544	584	659	392	534	532
11	469	498	485	591	598	744	428	528	545
12	449	534	528	579	593	671	462	537	545
13	489	488	544	528	587	598	487	527	532
14	466	442	477	506	562	558	409	491	489
15	476	455	472	515	584	501	346	500	478
16	525	505	529	589	564	416	267	542	485
17	469	467	534	492	471	348	219	487	429
18	344	362	367	437	354	284	215	373	338
19	272	284	298	328	355	298	199	307	291
20	154	182	173	224	270	299	185	201	212
21	136	125	142	188	200	255	125	158	167
22	110	103	108	142	182	218	103	129	138
23	61	75	69	93	164	169	81	92	102
TOTALS									
12 hour (0700-1900)	6171	6307	6405	6774	6896	6069	3559	6511	6026
am peak (0700-1000)	1963	2030	1972	1993	1999	1290	334	1991	1654
off peak (1000-1600)	2870	2943	3003	3263	3508	3731	2524	3117	3120
pm peak (1600-1900)	1338	1334	1430	1518	1389	1048	701	1402	1251
24 hour (0000-2400)	7289	7432	7587	8102	8556	8024	5203	7793	7456

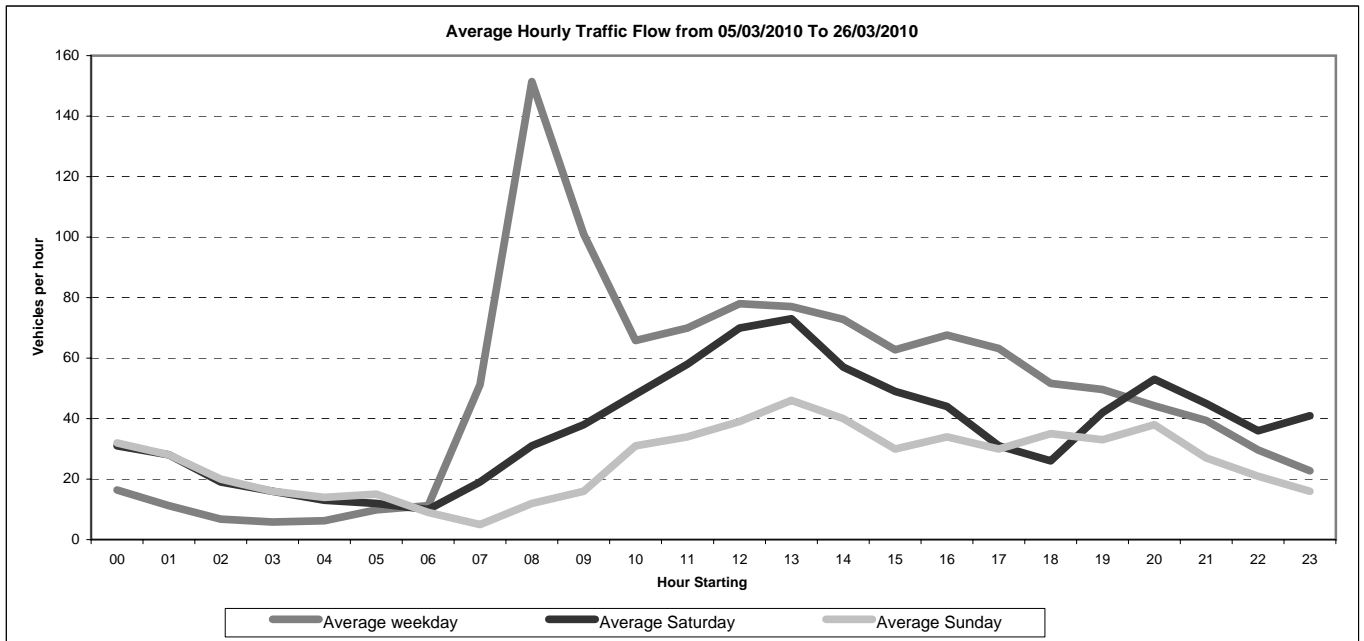


Greater Manchester Transportation Unit
Automatic Traffic Counter Data From 05/03/2010 To 25/03/2010
Site No: 00110190 Carlton Street Bolton

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	18	11	16	21	16	31	32	16	21
01	15	6	10	10	15	28	28	11	16
02	7	6	6	7	8	19	20	7	10
03	3	6	6	6	8	16	16	6	9
04	7	5	3	9	7	13	14	6	8
05	12	9	11	9	8	12	15	10	11
06	15	15	11	8	7	10	9	11	11
07	47	52	48	54	55	19	5	51	40
08	155	165	151	140	146	31	12	151	114
09	94	98	106	101	106	38	16	101	80
10	72	61	60	74	62	48	31	66	58
11	67	69	57	83	74	58	34	70	63
12	68	76	84	78	84	70	39	78	71
13	71	75	68	88	83	73	46	77	72
14	68	74	65	70	87	57	40	73	66
15	55	64	56	68	71	49	30	63	56
16	65	72	62	66	73	44	34	68	59
17	66	59	60	62	69	31	30	63	54
18	55	52	54	38	59	26	35	52	46
19	51	48	44	51	54	42	33	50	46
20	39	43	47	38	54	53	38	44	45
21	29	34	39	53	42	45	27	39	38
22	18	29	30	34	37	36	21	30	29
23	18	19	21	18	38	41	16	23	24
TOTALS									
12 hour (0700-1900)	883	917	871	922	969	544	352	912	780
am peak (0700-1000)	296	315	305	295	307	88	33	304	234
off peak (1000-1600)	401	419	390	461	461	355	220	426	387
pm peak (1600-1900)	186	183	176	166	201	101	99	182	159
24 hour (0000-2400)	1115	1148	1115	1186	1263	890	621	1165	1048

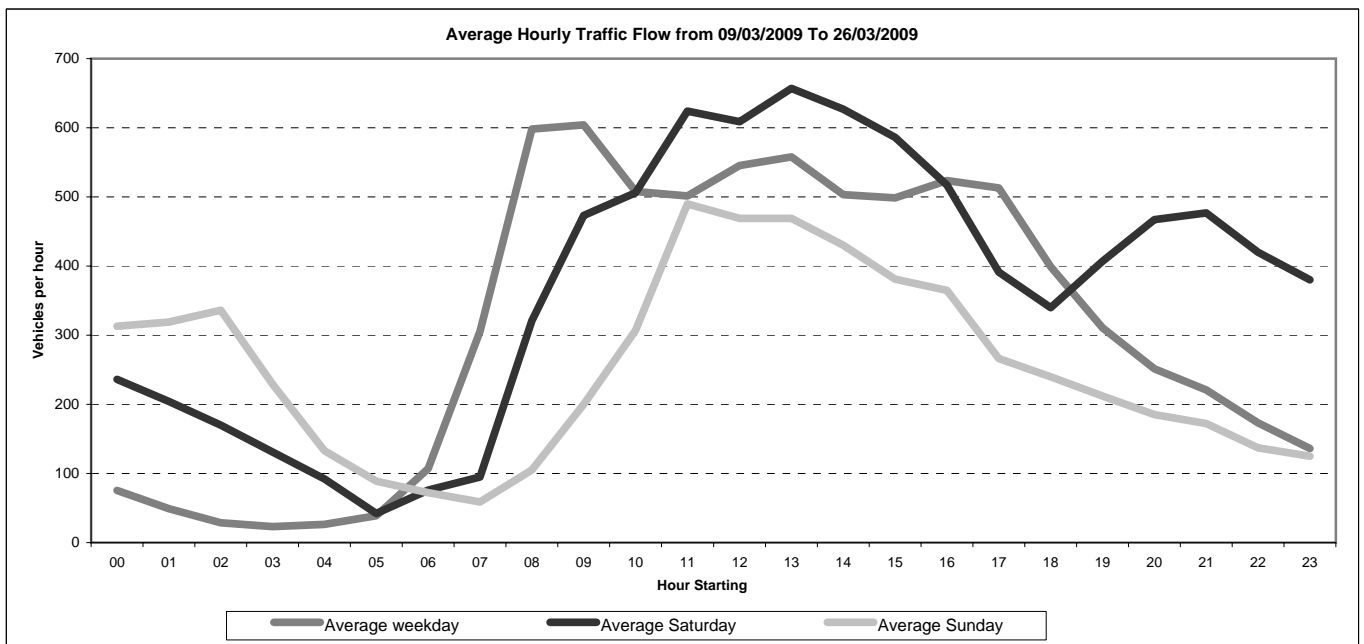


Greater Manchester Transportation Unit
Automatic Traffic Counter Data From 05/03/2010 To 11/03/2010
Site No: 00110200 A575 Bradshawgate Bolton

North 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	89	60	64	79	86	236	313	76	132
01	49	31	51	58	56	204	319	49	110
02	27	26	25	33	33	170	336	29	93
03	23	12	22	33	27	131	229	23	68
04	29	17	30	25	30	92	133	26	51
05	36	38	38	37	44	42	89	39	46
06	108	97	105	103	122	76	72	107	98
07	290	305	289	295	349	95	59	306	240
08	564	579	588	577	683	321	105	598	488
09	565	588	595	583	690	473	200	604	528
10	454	515	501	490	580	506	307	508	479
11	476	500	494	490	547	624	490	501	517
12	546	530	547	541	564	609	469	546	544
13	581	514	554	550	591	657	469	558	559
14	485	507	488	493	543	627	430	503	510
15	533	455	524	504	477	586	381	499	494
16	494	537	521	517	549	517	365	524	500
17	479	510	531	507	537	391	266	513	460
18	405	395	404	401	391	340	240	399	368
19	281	285	287	284	416	407	212	311	310
20	232	218	223	224	360	467	185	251	273
21	174	210	197	194	329	477	172	221	250
22	114	149	166	143	293	420	137	173	203
23	66	103	141	103	267	380	125	136	169
TOTALS									
12 hour (0700-1900)	5872	5935	6036	5948	6501	5746	3781	6058	5688
am peak (0700-1000)	1419	1472	1472	1454	1722	889	364	1508	1256
off peak (1000-1600)	3075	3021	3108	3068	3302	3609	2546	3115	3104
pm peak (1600-1900)	1378	1442	1456	1425	1477	1248	871	1436	1328
24 hour (0000-2400)	7100	7181	7385	7265	8565	8848	6103	7499	7492

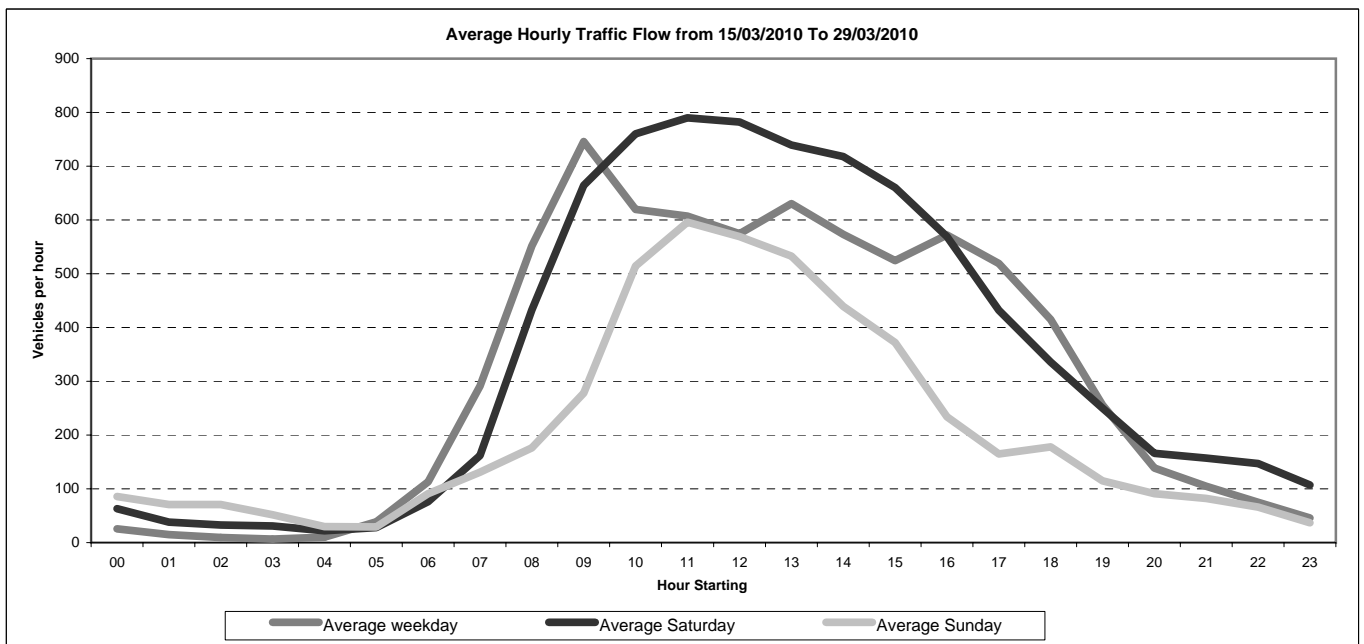


Greater Manchester Transportation Unit
Automatic Traffic Counter Data From 15/03/2010 To 29/03/2010
Site No: 00110211 Black Horse Street Bolton

North 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	22	26	22	23	35	63	86	26	40
01	15	12	14	16	17	38	71	15	26
02	12	9	12	4	10	33	71	9	22
03	10	2	6	4	11	31	52	7	17
04	6	11	6	12	16	22	30	10	15
05	43	36	37	41	36	28	29	39	36
06	102	114	114	121	115	76	91	113	105
07	294	310	270	305	275	162	131	291	250
08	487	550	533	595	593	433	176	552	481
09	700	770	689	811	760	664	278	746	667
10	565	668	576	648	641	760	514	620	625
11	508	647	593	633	656	790	596	607	632
12	502	607	559	617	588	782	569	575	603
13	545	652	624	657	673	739	533	630	632
14	522	514	589	589	652	718	439	573	575
15	444	488	551	552	588	660	372	525	522
16	519	561	567	586	626	569	234	572	523
17	475	521	504	530	566	432	165	519	456
18	408	389	410	424	443	336	178	415	370
19	204	229	251	269	326	250	115	256	235
20	105	113	143	157	174	166	91	138	136
21	97	77	108	109	133	157	82	105	109
22	58	70	66	73	109	147	66	75	84
23	39	32	34	43	81	107	37	46	53
TOTALS									
12 hour (0700-1900)	5969	6677	6465	6947	7061	7045	4185	6624	6336
am peak (0700-1000)	1481	1630	1492	1711	1628	1259	585	1588	1398
off peak (1000-1600)	3086	3576	3492	3696	3798	4449	3023	3530	3589
pm peak (1600-1900)	1402	1471	1481	1540	1635	1337	577	1506	1349
24 hour (0000-2400)	6682	7408	7278	7819	8124	8163	5006	7462	7211

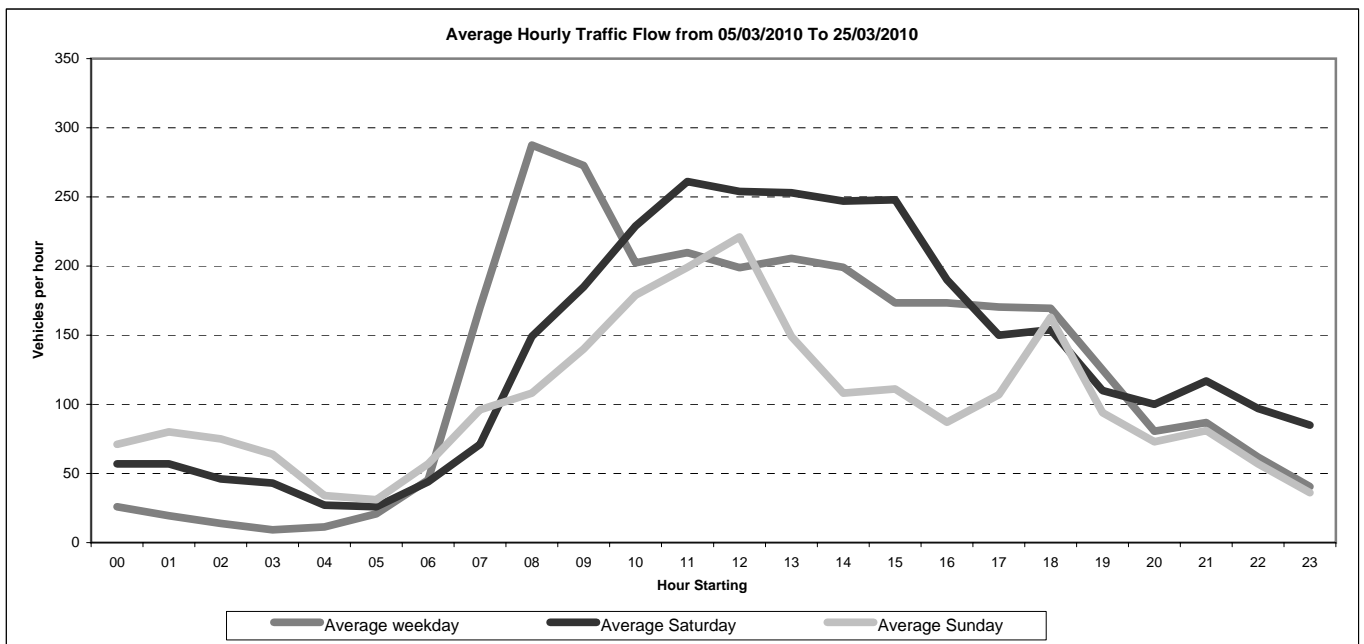


Greater Manchester Transportation Unit
Automatic Traffic Counter Data From 05/03/2010 To 25/03/2010
Site No: 00110220 Ormrod Street Bolton

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	21	23	29	31	57	71	26	37
01	19	13	18	27	20	57	80	19	33
02	10	11	11	23	15	46	75	14	27
03	10	4	9	12	11	43	64	9	22
04	11	11	10	14	11	27	34	11	17
05	14	26	19	25	20	26	31	21	23
06	41	46	37	53	50	44	57	45	47
07	154	174	160	177	186	71	96	170	145
08	256	318	264	316	283	149	108	287	242
09	239	300	241	307	276	185	140	273	241
10	144	245	168	227	228	229	179	202	203
11	177	230	176	240	226	261	199	210	216
12	156	225	181	239	193	254	221	199	210
13	173	230	180	215	230	253	149	206	204
14	171	220	160	234	210	247	108	199	193
15	150	175	156	173	213	248	111	173	175
16	155	179	144	196	193	190	87	173	163
17	174	166	157	183	172	150	107	170	158
18	174	152	172	176	173	154	163	169	166
19	93	110	152	123	147	110	94	125	118
20	61	69	81	78	114	100	73	81	82
21	77	69	85	92	111	117	81	87	90
22	53	51	56	57	92	97	57	62	66
23	30	29	37	37	69	85	36	40	46
TOTALS									
12 hour (0700-1900)	2123	2614	2159	2683	2583	2391	1668	2432	2317
am peak (0700-1000)	649	792	665	800	745	405	344	730	629
off peak (1000-1600)	971	1325	1021	1328	1300	1492	967	1189	1201
pm peak (1600-1900)	503	497	473	555	538	494	357	513	488
24 hour (0000-2400)	2568	3074	2697	3253	3274	3200	2421	2973	2927

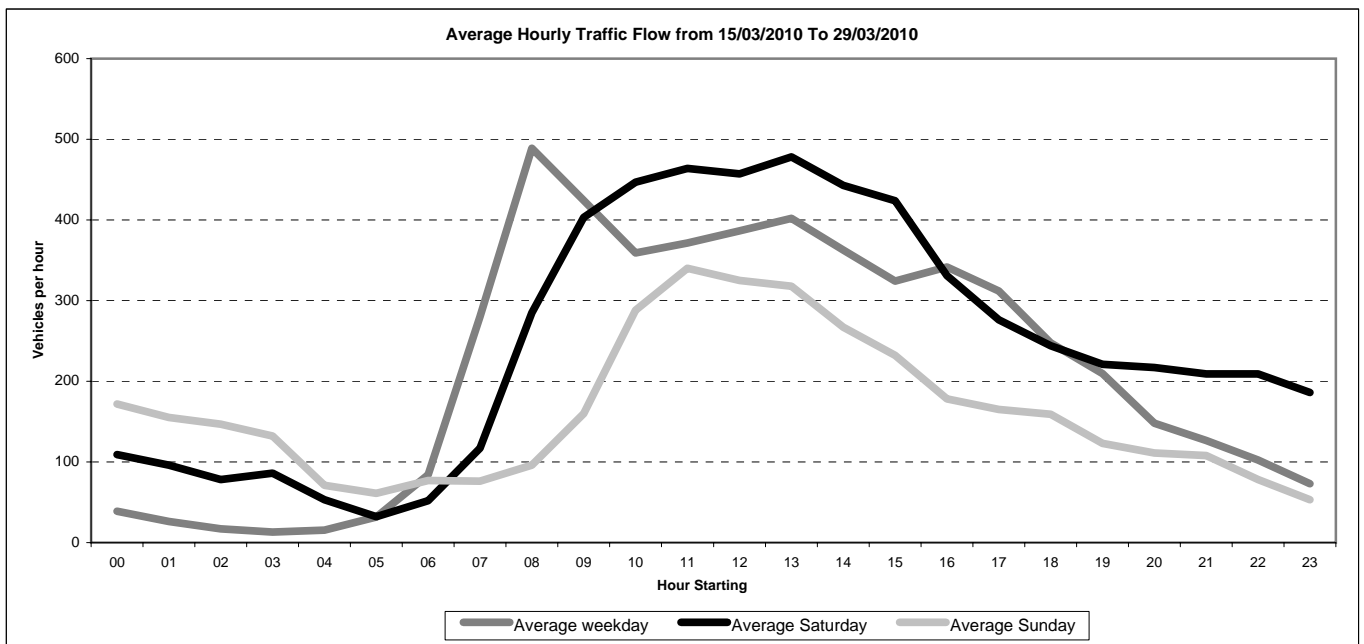


Greater Manchester Transportation Unit
Automatic Traffic Counter Data From 15/03/2010 To 29/03/2010
Site No: 00110231 A676 Deansgate Bolton

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	38	32	38	37	50	109	172	39	68
01	29	20	24	22	36	96	155	26	55
02	16	13	18	16	23	78	147	17	44
03	9	8	14	15	20	86	132	13	41
04	13	16	14	15	19	53	71	15	29
05	34	28	30	33	34	32	61	32	36
06	83	87	81	87	83	52	77	84	79
07	274	299	277	283	268	117	76	280	228
08	458	496	470	518	502	285	96	489	404
09	394	458	396	442	432	403	160	424	384
10	315	357	327	404	393	447	288	359	362
11	344	379	350	383	402	464	340	372	380
12	333	398	380	404	418	457	325	387	388
13	369	411	395	408	426	478	318	402	401
14	342	350	350	387	385	443	267	363	361
15	289	327	315	326	364	424	232	324	325
16	314	347	324	361	362	331	178	342	317
17	304	299	320	320	317	276	165	312	286
18	236	240	250	262	250	244	159	248	234
19	173	189	222	218	245	221	123	209	199
20	113	131	144	164	189	217	111	148	153
21	101	105	116	129	181	209	108	126	136
22	73	88	88	102	161	209	78	102	114
23	48	55	56	71	136	186	53	73	86
TOTALS									
12 hour (0700-1900)	3972	4361	4154	4498	4519	4369	2604	4301	4068
am peak (0700-1000)	1126	1253	1143	1243	1202	805	332	1193	1015
off peak (1000-1600)	1992	2222	2117	2312	2388	2713	1770	2206	2216
pm peak (1600-1900)	854	886	894	943	929	851	502	901	837
24 hour (0000-2400)	4702	5133	4999	5407	5696	5917	3892	5187	5107

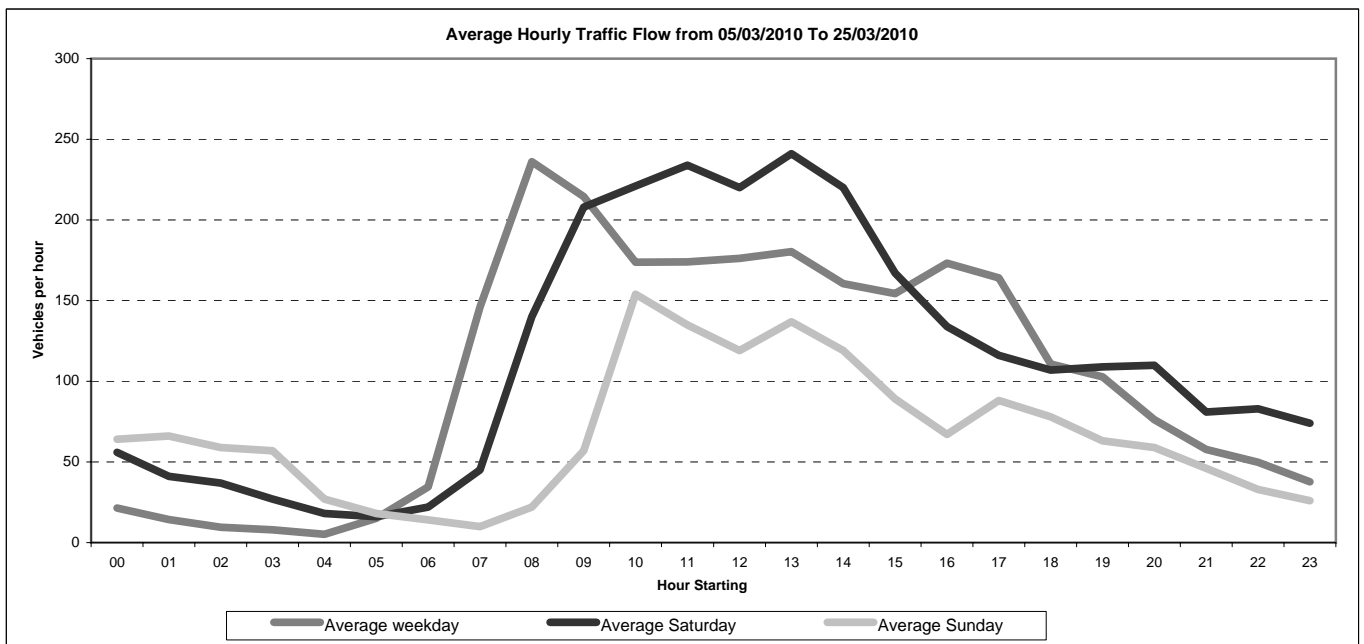


Greater Manchester Transportation Unit
Automatic Traffic Counter Data From 05/03/2010 To 25/03/2010
Site No: 00110240 B6205 St George's Road Bolton

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	24	20	17	23	23	56	64	21	32
01	12	12	13	15	19	41	66	14	25
02	6	8	5	13	16	37	59	10	21
03	7	7	4	8	14	27	57	8	18
04	7	5	3	5	6	18	27	5	10
05	13	16	17	14	15	16	18	15	16
06	33	40	38	35	27	22	14	35	30
07	144	148	151	150	137	45	10	146	112
08	233	250	232	236	230	140	22	236	192
09	203	208	219	216	226	208	57	214	191
10	156	178	171	167	197	221	154	174	178
11	180	158	169	177	186	234	135	174	177
12	163	177	164	178	199	220	119	176	174
13	166	174	183	161	218	241	137	180	183
14	156	153	153	162	179	220	119	161	163
15	149	159	150	150	164	167	89	154	147
16	172	172	167	173	182	134	67	173	152
17	168	160	163	182	147	116	88	164	146
18	99	107	123	121	104	107	78	111	106
19	109	90	98	111	106	109	63	103	98
20	87	63	76	72	83	110	59	76	79
21	55	47	60	58	69	81	46	58	59
22	37	39	47	47	79	83	33	50	52
23	25	27	34	37	65	74	26	38	41
TOTALS									
12 hour (0700-1900)	1989	2044	2045	2073	2169	2053	1075	2064	1921
am peak (0700-1000)	580	606	602	602	593	393	89	597	495
off peak (1000-1600)	970	999	990	995	1143	1303	753	1019	1022
pm peak (1600-1900)	439	439	453	476	433	357	233	448	404
24 hour (0000-2400)	2404	2418	2457	2511	2691	2727	1607	2496	2402

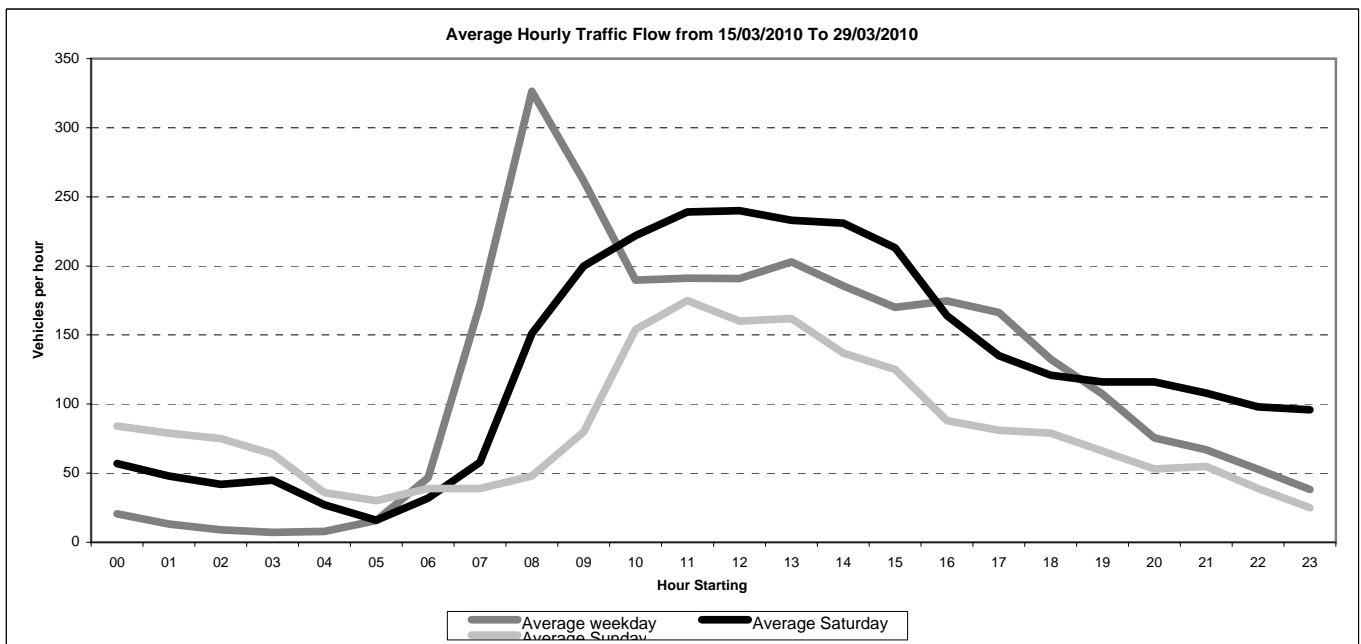


Greater Manchester Transportation Unit
Automatic Traffic Counter Data From 15/03/2010 To 29/03/2010
Site No: 00110251 B6206 Higher Bridge Street Bolton

South 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	21	18	21	18	25	57	84	21	35
01	15	8	13	11	19	48	79	13	28
02	8	8	9	8	12	42	75	9	23
03	5	4	8	9	10	45	64	7	21
04	6	8	8	8	9	27	36	8	15
05	16	14	15	17	17	16	30	16	18
06	43	49	49	47	46	32	39	47	44
07	167	182	170	173	168	58	39	172	137
08	313	334	333	332	320	151	48	326	262
09	260	273	238	282	254	200	80	261	227
10	168	193	179	201	208	222	154	190	189
11	181	192	176	201	206	239	175	191	196
12	171	198	193	191	201	240	160	191	193
13	192	196	206	205	215	233	162	203	201
14	182	174	176	190	206	231	137	186	185
15	158	168	162	167	195	213	125	170	170
16	152	182	172	185	182	164	88	175	161
17	161	170	164	169	168	135	81	166	150
18	131	136	134	133	129	121	79	133	123
19	93	95	112	106	130	116	66	107	103
20	61	69	68	84	96	116	53	76	78
21	56	56	60	68	95	108	55	67	71
22	39	45	46	52	82	98	39	53	57
23	26	30	30	34	71	96	25	38	45
TOTALS									
12 hour (0700-1900)	2236	2398	2303	2429	2452	2207	1328	2364	2193
am peak (0700-1000)	740	789	741	787	742	409	167	760	625
off peak (1000-1600)	1052	1121	1092	1155	1231	1378	913	1130	1135
pm peak (1600-1900)	444	488	470	487	479	420	248	474	434
24 hour (0000-2400)	2625	2802	2742	2891	3064	3008	1973	2825	2729



Greater Manchester Transportation Unit
Automatic Traffic Counter Data From 15/03/2010 To 30/03/2010
Site No: 00110261 A666 offslip to St George's St Bolton

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	12	17	12	8	18	38	14	13	17
01	4	7	4	3	13	31	6	6	10
02	3	5	8	1	3	36	1	4	8
03	1	3	7	2	4	36	4	3	8
04	6	18	6	5	10	19	10	9	11
05	15	16	24	25	24	15	16	21	19
06	26	33	38	40	50	23	1	37	30
07	138	220	208	194	198	56	13	192	147
08	245	358	358	348	356	162	27	333	265
09	165	217	254	259	214	198	42	222	193
10	103	173	162	186	179	228	137	161	167
11	102	164	193	175	194	226	163	166	174
12	125	214	212	200	220	277	166	194	202
13	119	169	201	198	223	223	154	182	184
14	121	199	165	223	236	233	142	189	188
15	193	249	256	256	271	242	113	245	226
16	246	423	354	408	372	141	109	361	293
17	255	373	395	377	328	128	91	346	278
18	186	269	296	259	210	94	91	244	201
19	76	104	127	110	124	97	60	108	100
20	38	60	77	91	72	48	42	68	61
21	31	53	50	54	75	31	41	53	48
22	18	41	32	46	56	20	21	39	33
23	11	20	23	35	58	11	16	29	25
TOTALS									
12 hour (0700-1900)	1998	3028	3054	3083	3001	2208	1248	2833	2517
am peak (0700-1000)	548	795	820	801	768	416	82	746	604
off peak (1000-1600)	763	1168	1189	1238	1323	1429	875	1136	1141
pm peak (1600-1900)	687	1065	1045	1044	910	363	291	950	772
24 hour (0000-2400)	2239	3405	3462	3503	3508	2613	1480	3223	2887

