

APPENDIX 2
AUTOMATIC TRAFFIC AND CYCLE COUNTS

AUTOMATIC TRAFFIC AND CYCLE COUNTS

Summary data for the following continuous ATC and ACC sites relevant to Rochdale is shown in this Appendix.

ATC

Data is available in 2008 for:

- Site 00590291/2 A58 Halifax Road, Rochdale
- Site 00590301/2 A58 Manchester Road, Rochdale
- Site 00590311/2 A664 Oldham Road, Middleton

ACC

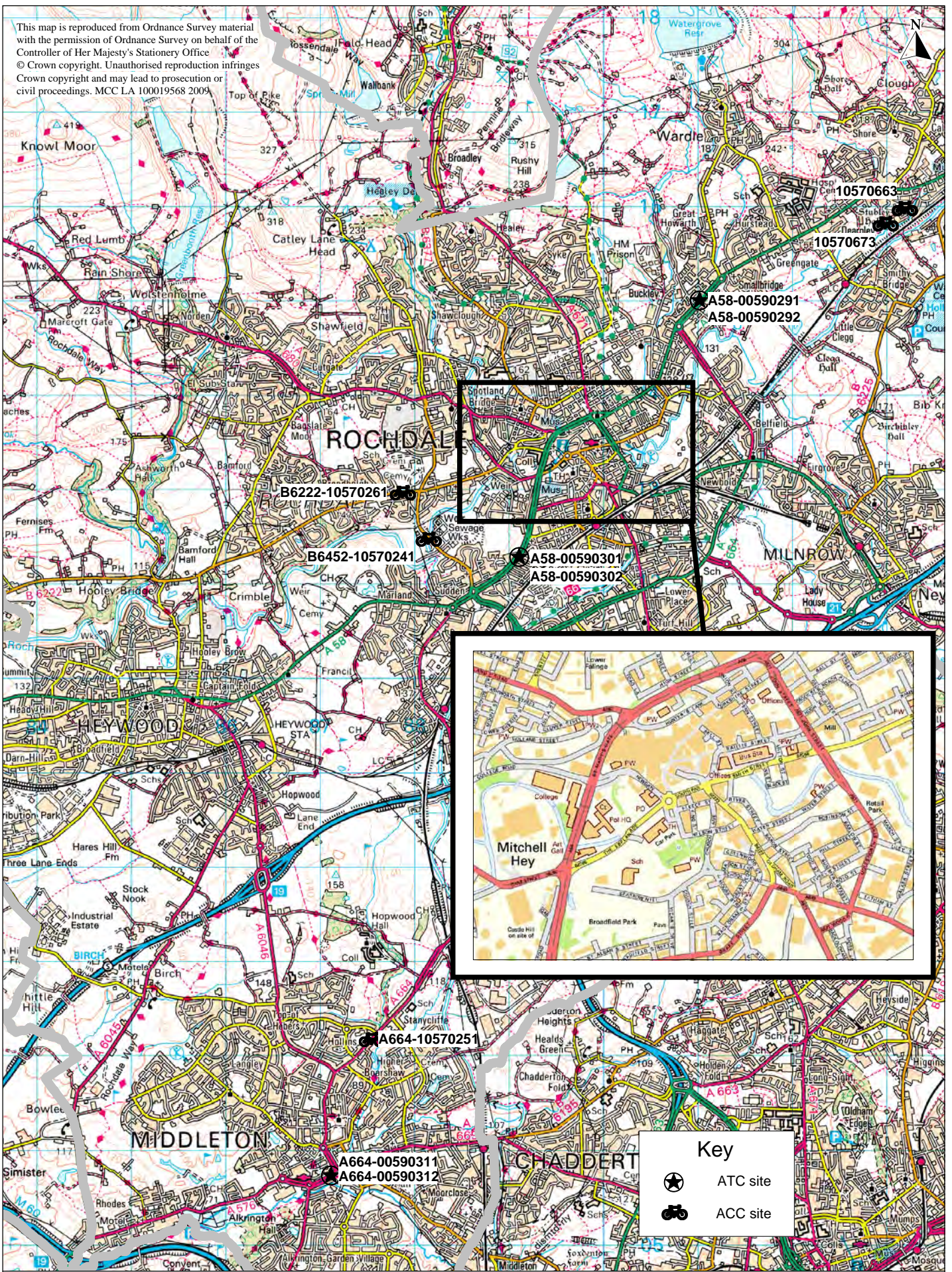
Data is available in 2008 for:

- Site 10570241 B6452 Roch Valley Way, Rochdale (Cycle Lane)
- Site 10570251 A664 Rochdale Road, Middleton (Cycle Lane)
- Site 10570261 B6222 Bury Road, Rochdale (Cycle Lane)
- Site 10570663 Stubbley Mill Road, Littleborough (Cycle Path)
- Site 10570673 Mill Fold Gardens, Littleborough (Cycle Path)

For each site the following graphs and tables are given:

- A graph showing 24-hour average daily traffic flows in 2008.
- A graph showing average weekday flows in 2008 by month.
- A graph showing annual average 24-hour weekday flows by year.
- Tables showing daily average flows for each direction in 2008.
- Tables showing monthly average flows for each direction in 2008
- Graphs showing average hourly weekday, Saturday and Sunday flows in 2008 for each direction.

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Rochdale Automatic Traffic and Cycle Counter Sites

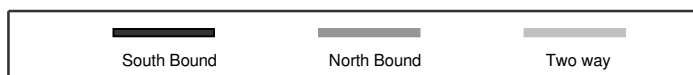
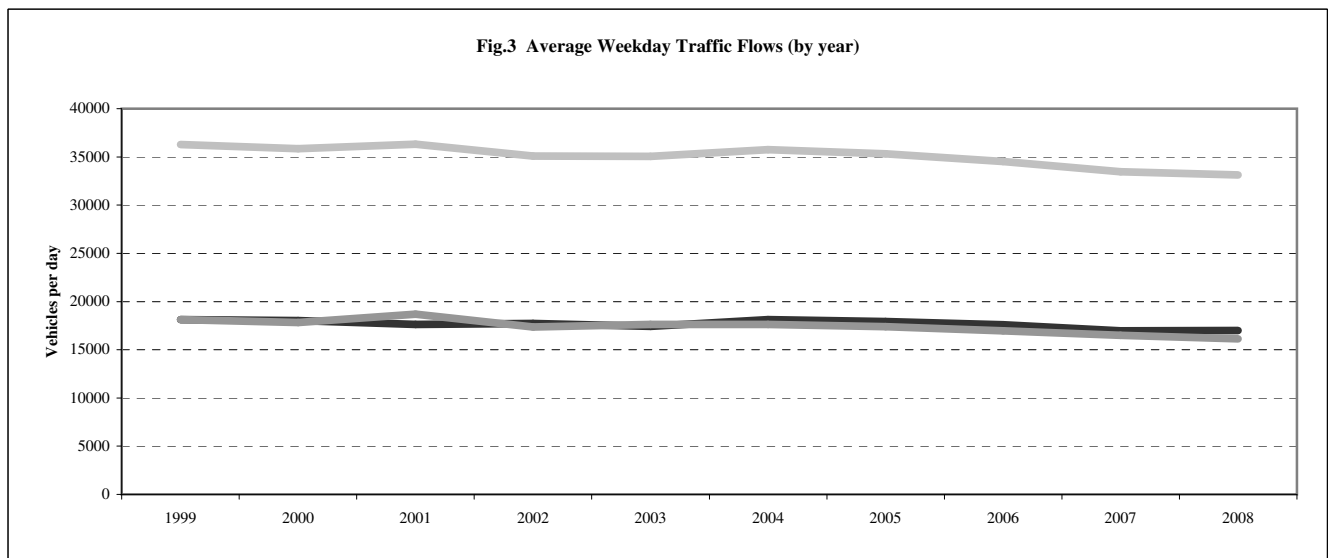
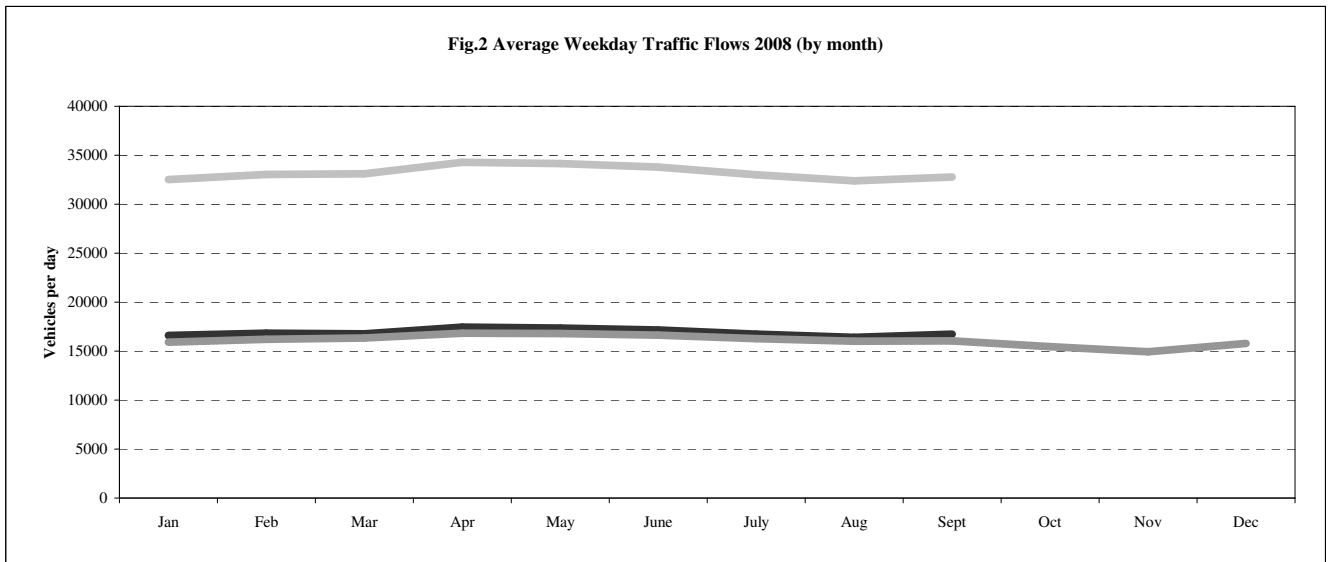
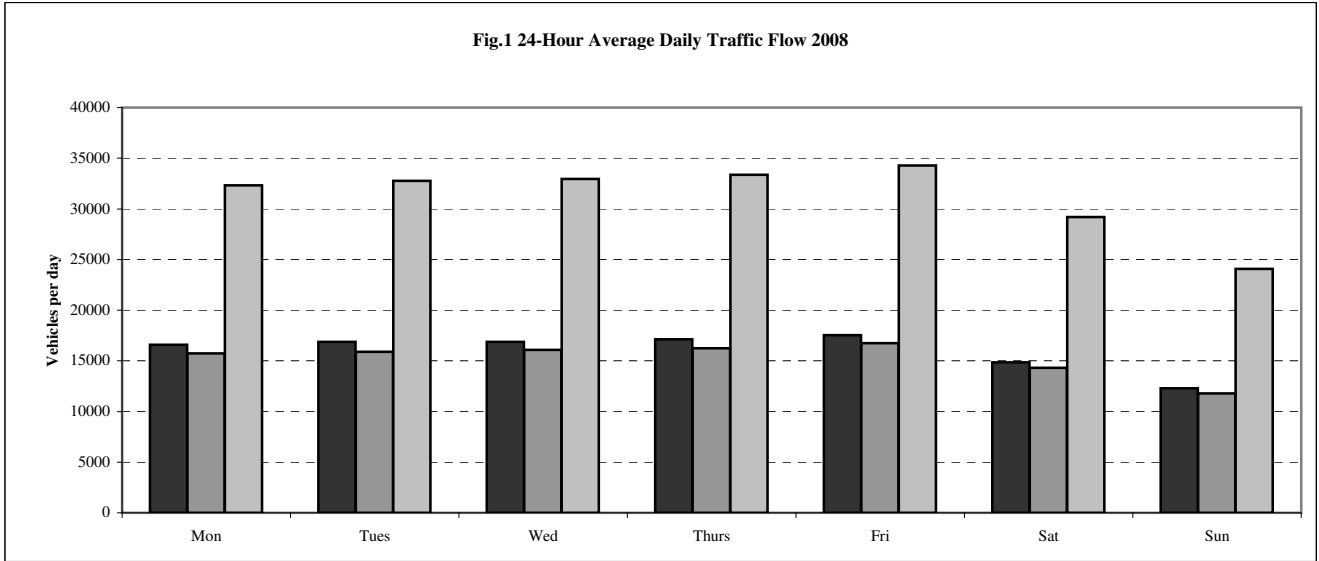
GMTU
 SALISBURY HOUSE
 GRANBY ROW
 MANCHESTER M1 7AH

Drawn By : R. Davies

Date : 04/09/2009

GMTU Report No 1481 A2

**Greater Manchester Transportation Unit
Automatic Traffic Counter Data 2008
Site No: 00590291/2 A58 Halifax Road Rochdale**



**Greater Manchester Transportation Unit
Automatic Traffic Counter Data 2008
Site No: 00590291 A58 Halifax Road Rochdale**

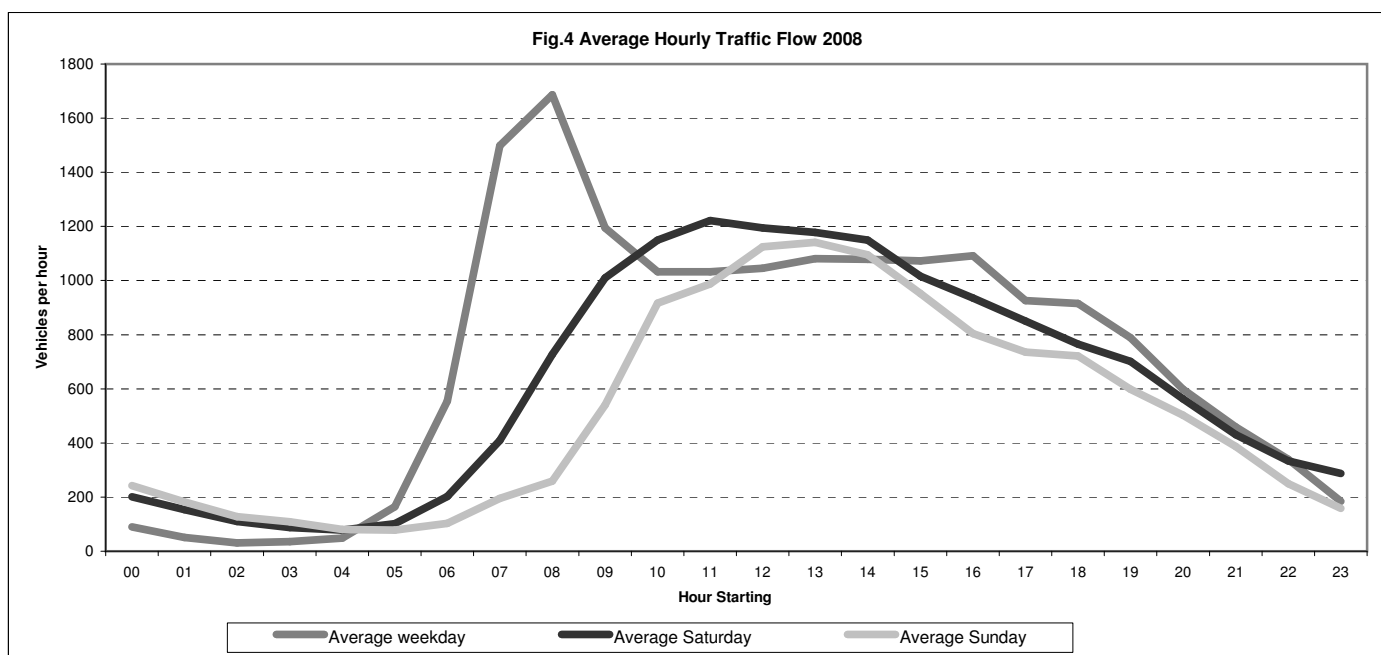
South Bound

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

Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day
00	97	76	79	85	112	201	242	90	127
01	54	44	46	49	63	154	182	51	85
02	34	25	27	28	43	110	128	31	56
03	38	32	34	36	42	88	109	36	54
04	58	47	44	46	48	78	81	49	57
05	170	162	162	159	165	102	78	164	143
06	568	575	561	546	525	202	103	555	440
07	1531	1536	1512	1492	1417	409	195	1498	1156
08	1690	1721	1684	1697	1637	727	259	1686	1345
09	1153	1198	1185	1202	1231	1010	540	1194	1074
10	1012	1014	1008	1042	1086	1150	916	1032	1033
11	1020	1020	1026	1018	1078	1222	988	1032	1053
12	1007	1044	1038	1058	1083	1195	1125	1046	1079
13	1052	1055	1078	1085	1135	1178	1141	1081	1103
14	1050	1058	1066	1069	1147	1150	1095	1078	1091
15	1037	1072	1062	1048	1144	1016	952	1073	1047
16	1078	1103	1089	1113	1076	936	804	1092	1028
17	881	926	949	950	922	850	736	926	888
18	873	909	918	934	942	765	721	915	866
19	738	756	781	819	851	701	599	789	749
20	570	596	573	624	632	563	503	599	580
21	432	432	438	494	500	431	387	459	445
22	303	309	343	346	393	333	249	339	325
23	139	150	169	190	270	287	158	184	195
TOTALS									
12 hour (0700-1900)	13384	13656	13615	13708	13898	11608	9472	13653	12763
am peak (0700-1000)	4374	4455	4381	4391	4285	2146	994	4378	3575
off peak (1000-1600)	6178	6263	6278	6320	6673	6911	6217	6342	6406
pm peak (1600-1900)	2832	2938	2956	2997	2940	2551	2261	2933	2782
24 hour (0000-2400)	16585	16860	16872	17130	17542	14858	12291	16999	16019

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

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Weekdays												
12 hour	13619	13771	13503	14062	13859	13660	13312	13088	13503	-	-	-
24 hour	16609	16830	16770	17439	17358	17154	16747	16393	16732	-	-	-
Saturdays												
12 hour	11379	12295	11656	11957	11549	11305	11159	10932	11619	-	-	-
24 hour	14430	15424	14670	15281	14864	14659	14584	14179	14841	-	-	-
Sundays												
12 hour	9007	10120	9886	9286	9552	9480	9318	8714	9533	-	-	-
24 hour	11460	12754	12385	12116	12496	12464	12437	11740	12394	-	-	-



**Greater Manchester Transportation Unit
Automatic Traffic Counter Data 2008
Site No: 00590292 A58 Halifax Road Rochdale**

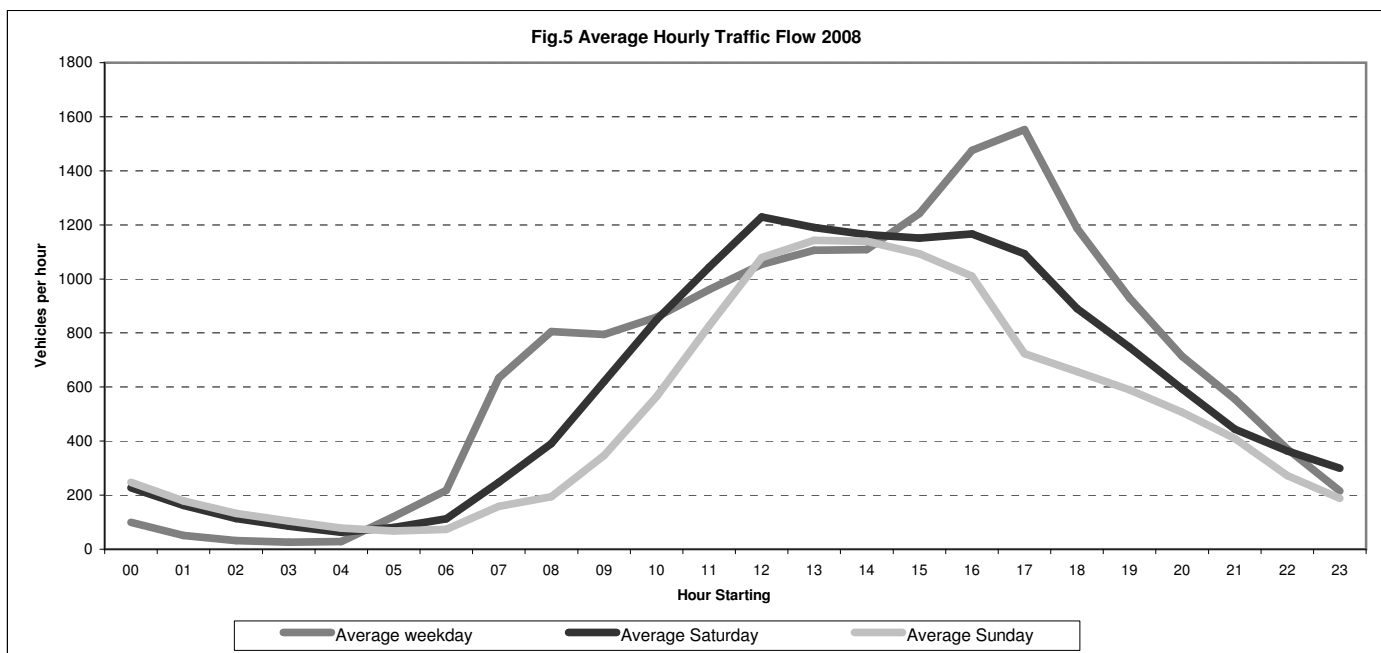
North Bound

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

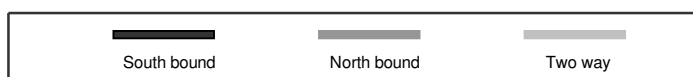
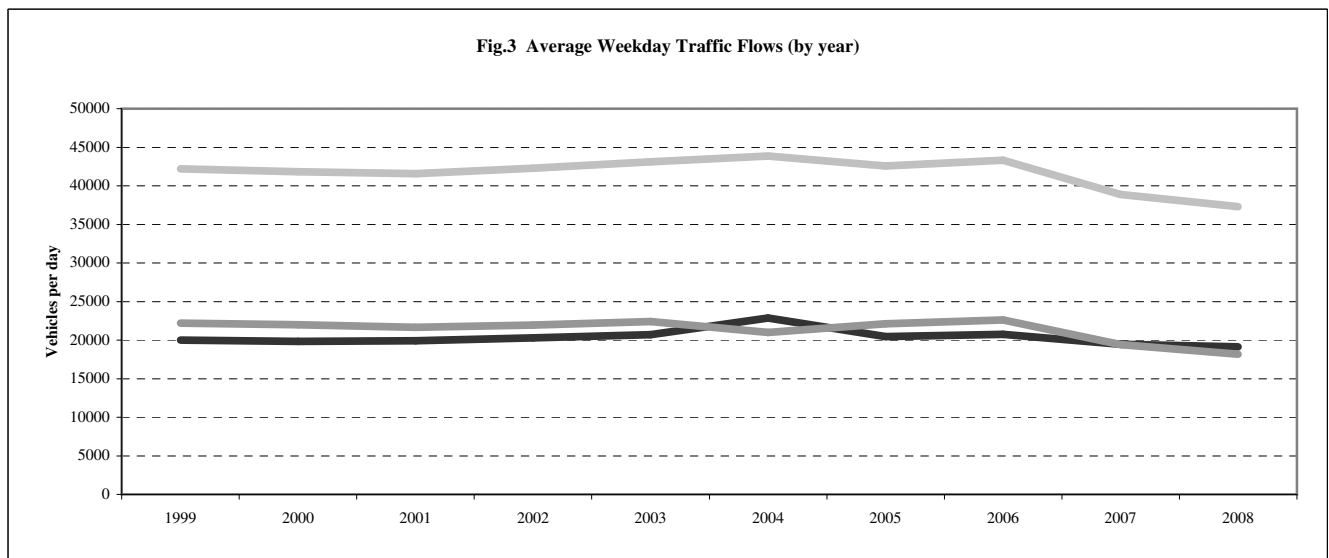
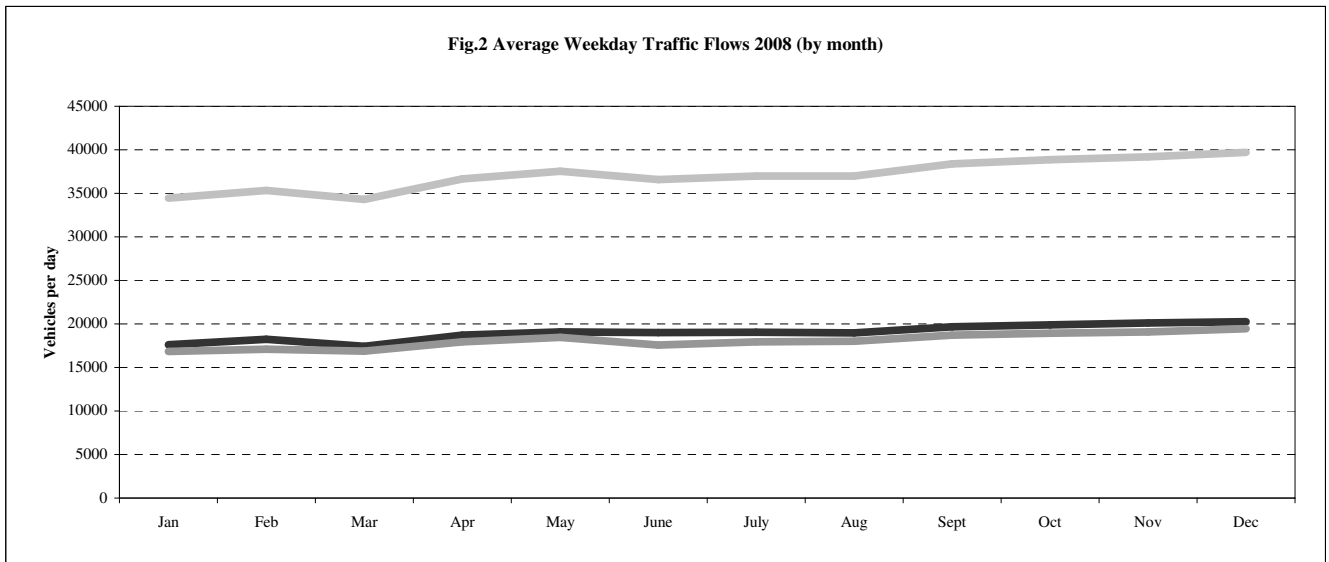
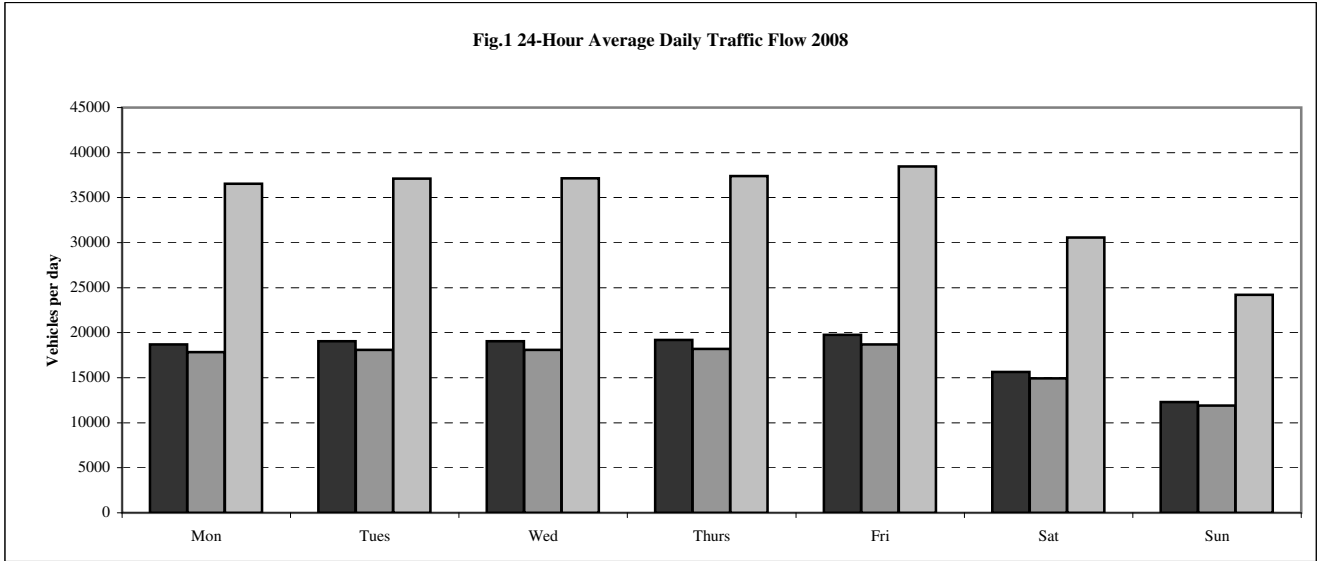
Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day
00	98	89	91	93	124	227	247	99	138
01	52	44	46	50	63	162	179	51	85
02	31	25	29	29	45	114	133	32	58
03	24	24	23	27	33	85	104	26	46
04	31	28	27	28	32	63	78	29	41
05	115	124	121	120	125	80	67	121	107
06	208	225	220	215	222	112	73	218	182
07	620	637	640	635	631	247	159	633	510
08	811	799	789	810	814	391	194	805	658
09	775	791	807	809	791	620	347	795	706
10	862	844	863	850	877	849	565	859	816
11	944	945	964	939	1008	1043	827	960	953
12	1034	1014	1057	1046	1118	1229	1079	1054	1082
13	1090	1083	1093	1091	1175	1190	1143	1106	1124
14	1069	1074	1076	1096	1228	1164	1139	1109	1121
15	1211	1232	1229	1209	1329	1151	1093	1242	1208
16	1465	1468	1468	1462	1514	1166	1010	1475	1365
17	1584	1567	1567	1576	1466	1093	723	1552	1368
18	1158	1178	1202	1241	1163	891	657	1188	1070
19	882	894	940	976	960	747	590	930	856
20	659	694	707	777	732	593	507	714	667
21	530	562	547	570	567	444	410	555	519
22	326	367	376	367	421	364	272	371	356
23	170	184	199	224	303	300	188	216	224
TOTALS									
12 hour (0700-1900)	12623	12632	12755	12764	13114	11034	8936	12778	11981
am peak (0700-1000)	2206	2227	2236	2254	2236	1258	700	2233	1874
off peak (1000-1600)	6210	6192	6282	6231	6735	6626	5846	6330	6304
pm peak (1600-1900)	4207	4213	4237	4279	4143	3150	2390	4215	3803
24 hour (0000-2400)	15749	15892	16081	16240	16741	14325	11784	16140	15260

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

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Weekdays												
12 hour	12849	13082	13017	13353	13190	13048	12718	12497	12667	12067	11923	12485
24 hour	15906	16212	16324	16826	16788	16643	16265	16000	16035	15468	14946	15782
Saturdays												
12 hour	10991	12109	11273	11536	11058	10921	10721	10492	11017	10596	10631	10480
24 hour	14190	15476	14416	14950	14428	14355	14274	13798	14272	13657	13659	13699
Sundays												
12 hour	8537	9751	9464	8926	9185	9110	9014	8499	9080	8420	8446	8805
24 hour	11174	12494	12127	11854	12275	12127	12150	11549	12005	11132	10973	11559



**Greater Manchester Transportation Unit
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Site No: 00590301/2 A58 Manchester Road Rochdale**



**Greater Manchester Transportation Unit
Automatic Traffic Counter Data 2008
Site No: 00590301 A58 Manchester Road Rochdale**

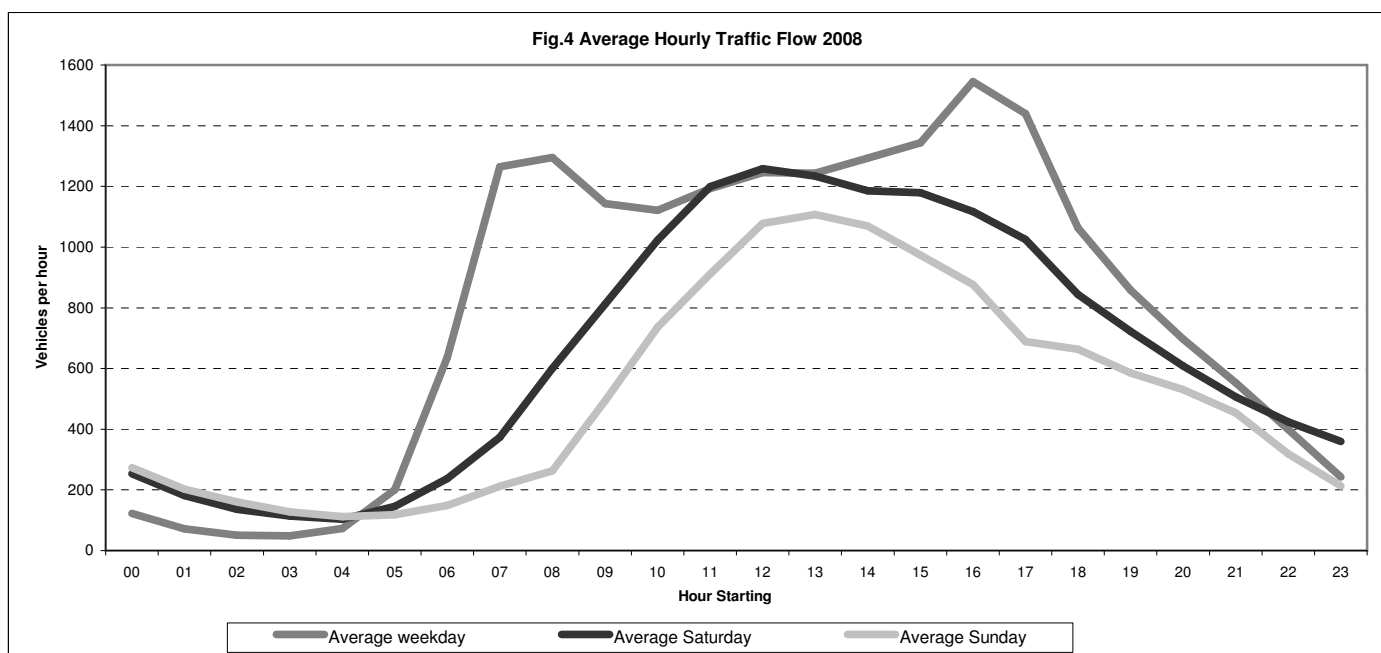
South bound

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

Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day
00	121	118	113	123	136	253	273	122	162
01	71	67	68	69	84	181	203	72	106
02	57	44	45	47	63	136	160	51	79
03	49	43	45	48	57	114	128	48	69
04	79	68	70	69	80	103	112	73	83
05	204	200	200	196	200	146	118	200	181
06	620	657	645	638	624	237	149	637	510
07	1268	1269	1277	1266	1243	373	212	1265	987
08	1295	1312	1309	1292	1265	600	263	1295	1048
09	1121	1132	1148	1140	1172	812	494	1143	1003
10	1117	1087	1137	1116	1149	1023	736	1121	1052
11	1174	1180	1195	1190	1227	1199	911	1193	1154
12	1209	1224	1260	1245	1291	1258	1078	1246	1224
13	1205	1218	1246	1233	1319	1234	1107	1244	1223
14	1242	1259	1273	1269	1423	1186	1070	1293	1246
15	1290	1303	1331	1335	1463	1179	973	1344	1268
16	1547	1554	1541	1540	1545	1117	876	1545	1389
17	1466	1458	1427	1470	1377	1025	689	1440	1273
18	1017	1059	1057	1101	1081	844	663	1063	975
19	812	848	852	884	898	722	585	859	800
20	652	732	689	723	688	609	530	697	660
21	518	595	522	556	576	506	453	553	532
22	360	407	378	398	453	424	319	399	391
23	206	208	217	239	347	360	213	243	256
TOTALS									
12 hour (0700-1900)	14951	15055	15201	15197	15555	11850	9072	15192	13842
am peak (0700-1000)	3684	3713	3734	3698	3680	1785	969	3703	3038
off peak (1000-1600)	7237	7271	7442	7388	7872	7079	5875	7441	7167
pm peak (1600-1900)	4030	4071	4025	4111	4003	2986	2228	4048	3637
24 hour (0000-2400)	18700	19042	19045	19187	19761	15641	12315	19146	17671

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

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Weekdays												
12 hour	13803	14224	13534	14727	14986	14972	15087	14991	15724	15995	16216	16226
24 hour	17607	18238	17424	18722	19067	19017	19051	18963	19683	19900	20112	20256
Saturdays												
12 hour	11540	-	11325	11867	11837	10946	11855	11618	12100	12306	12436	12256
24 hour	15227	-	15041	15737	15697	14816	15792	15379	15886	16045	16118	16046
Sundays												
12 hour	8987	-	8888	9056	9134	8534	8862	8797	9226	9400	9238	9464
24 hour	12034	-	11868	12406	12468	11882	12288	12224	12538	12639	12281	12779



**Greater Manchester Transportation Unit
Automatic Traffic Counter Data 2008
Site No: 00590302 A58 Manchester Road Rochdale**

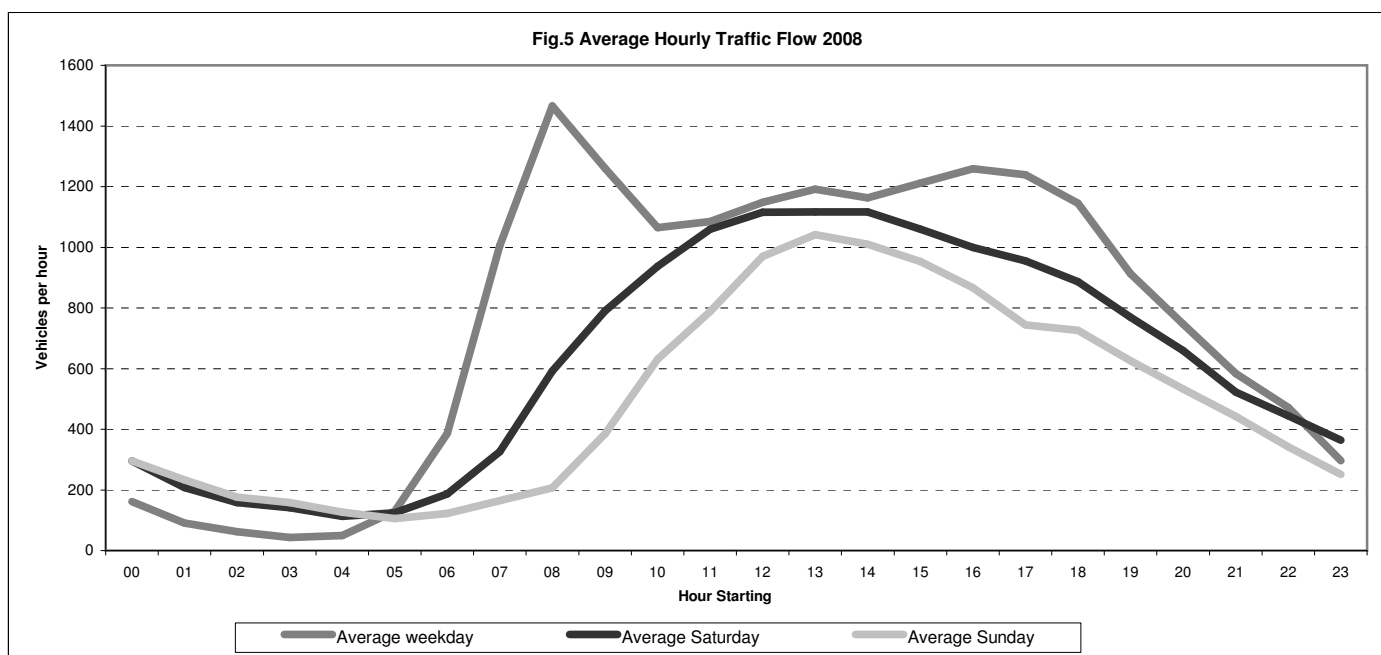
North bound

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

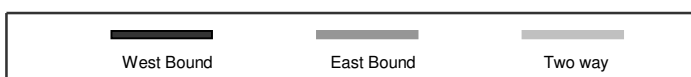
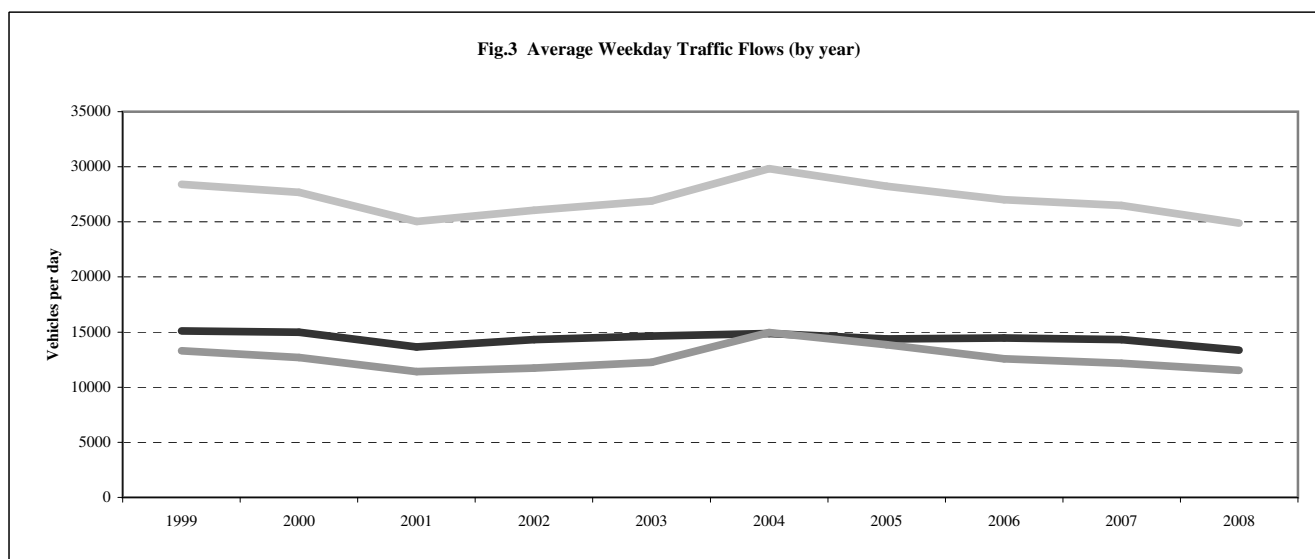
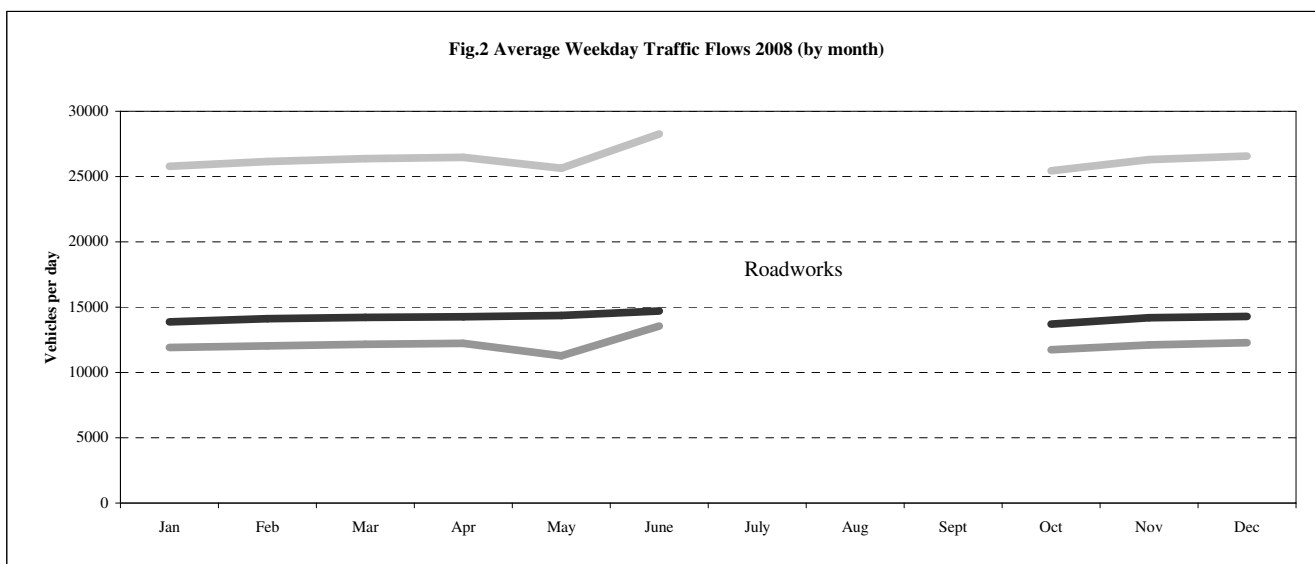
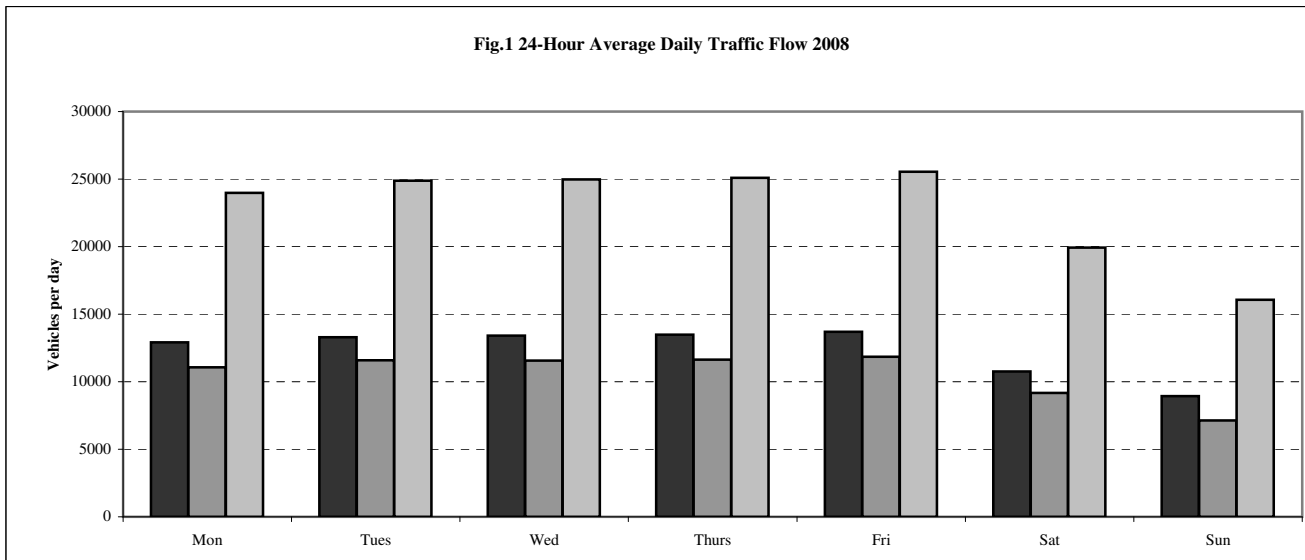
Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day
00	168	142	153	167	182	296	295	162	200
01	96	83	86	90	101	208	233	91	128
02	62	54	57	61	76	158	176	62	92
03	43	38	38	45	53	141	158	43	74
04	47	49	48	49	56	113	127	50	70
05	124	128	132	131	137	125	106	130	126
06	363	402	393	392	378	187	122	386	320
07	987	1015	1012	1009	1006	326	165	1006	789
08	1455	1469	1476	1464	1466	592	207	1466	1161
09	1242	1269	1280	1261	1247	790	385	1260	1068
10	1065	1059	1066	1059	1078	937	631	1065	985
11	1075	1069	1086	1080	1117	1060	788	1085	1039
12	1123	1123	1149	1128	1217	1116	970	1148	1118
13	1179	1162	1178	1164	1275	1117	1042	1192	1160
14	1158	1133	1141	1171	1213	1117	1010	1163	1135
15	1203	1191	1202	1192	1274	1060	953	1212	1154
16	1277	1254	1246	1263	1255	999	867	1259	1166
17	1247	1245	1243	1251	1207	955	744	1239	1127
18	1124	1166	1162	1166	1108	887	726	1145	1048
19	857	922	921	924	942	769	626	913	852
20	704	774	720	774	765	660	533	747	704
21	554	607	556	600	601	522	442	584	555
22	420	468	456	475	542	444	342	472	450
23	255	261	287	296	387	364	251	297	300
TOTALS									
12 hour (0700-1900)	14135	14155	14241	14208	14463	10956	8488	14240	12950
am peak (0700-1000)	3684	3753	3768	3734	3719	1708	757	3732	3018
off peak (1000-1600)	6803	6737	6822	6794	7174	6407	5394	6865	6591
pm peak (1600-1900)	3648	3665	3651	3680	3570	2841	2337	3643	3341
24 hour (0000-2400)	17828	18083	18088	18212	18683	14943	11899	18177	16821

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

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Weekdays												
12 hour	13042	13216	12948	13939	14384	13523	13942	14008	14852	15089	15213	15374
24 hour	16854	17104	16877	17935	18452	17569	17949	18013	18717	18947	19071	19460
Saturdays												
12 hour	10568	-	10423	10965	11168	10143	10830	10693	11182	11358	11551	11317
24 hour	14467	-	14182	15084	15297	14226	14996	14666	15053	15351	15411	15352
Sundays												
12 hour	8149	-	8189	8600	8690	8008	8300	8204	8665	8901	8604	8863
24 hour	11423	-	11522	12053	12240	11538	11874	11765	12000	12365	11854	12314



**Greater Manchester Transportation Unit
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Site No: 00590311/2 A664 Oldham Road Middleton Rochdale**



**Greater Manchester Transportation Unit
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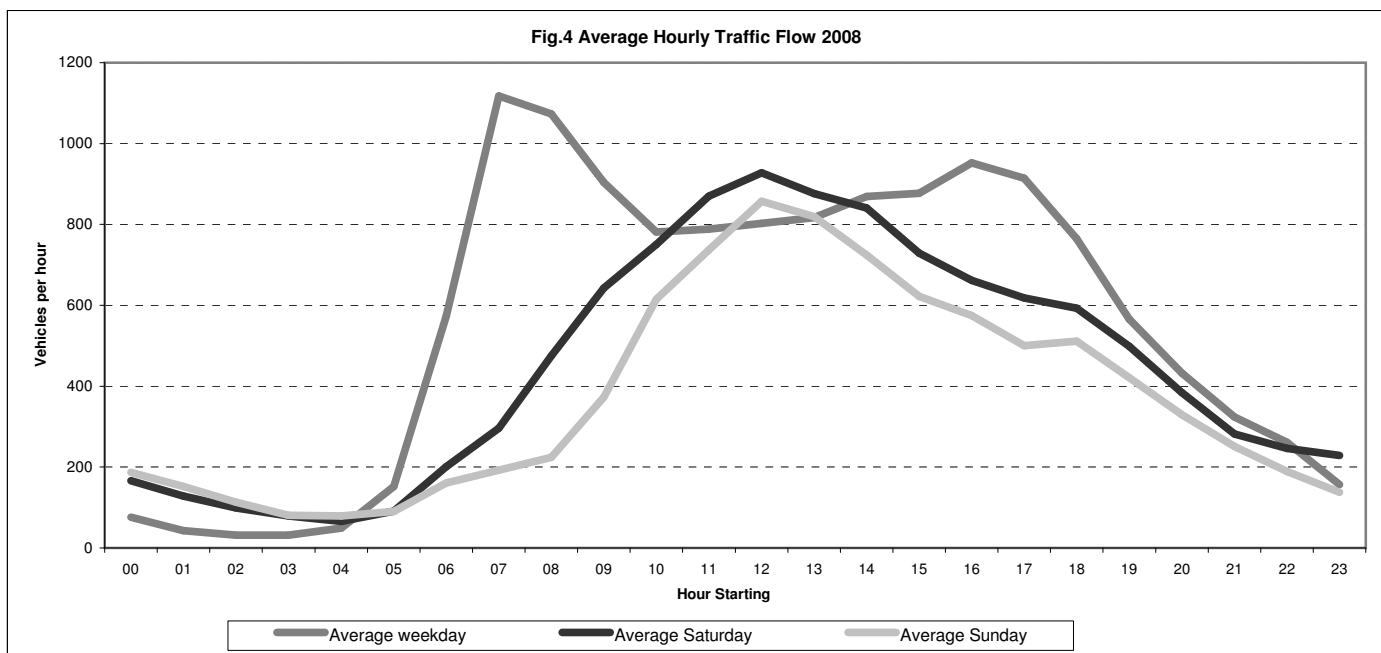
West Bound

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

Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day
00	78	61	71	83	85	166	187	76	104
01	44	35	36	49	52	128	152	43	71
02	28	28	32	34	38	99	113	32	53
03	29	29	30	33	39	79	81	32	46
04	51	48	50	48	48	66	79	49	56
05	147	153	156	151	151	91	90	152	134
06	560	582	599	577	553	201	161	574	462
07	1127	1153	1149	1109	1054	296	192	1118	869
08	1074	1079	1092	1070	1051	475	224	1073	866
09	897	917	906	906	893	643	373	904	791
10	766	782	786	778	793	750	615	781	753
11	769	770	794	786	820	870	737	788	792
12	776	784	800	789	867	928	857	803	829
13	802	800	800	806	877	876	819	817	826
14	843	855	866	872	910	841	724	869	844
15	847	857	862	886	932	729	622	877	819
16	930	951	949	978	954	662	575	952	857
17	890	942	929	938	870	618	500	914	812
18	712	765	792	787	771	593	511	765	704
19	495	570	573	579	611	499	421	566	535
20	397	441	405	453	466	384	329	432	411
21	302	316	326	336	339	282	251	324	307
22	224	243	260	280	297	246	189	261	248
23	128	130	148	149	231	229	138	157	165
TOTALS									
12 hour (0700-1900)	10433	10655	10725	10705	10792	8281	6749	10661	9762
am peak (0700-1000)	3098	3149	3147	3085	2998	1414	789	3095	2526
off peak (1000-1600)	4803	4848	4908	4917	5199	4994	4374	4935	4863
pm peak (1600-1900)	2532	2658	2670	2703	2595	1873	1586	2631	2373
24 hour (0000-2400)	12916	13291	13411	13477	13702	10751	8940	13359	12354

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

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Weekdays												
12 hour	11173	11371	11305	11384	11152	11530	-	-	-	11135	11479	11459
24 hour	13870	14129	14205	14253	14361	14718	-	-	-	13690	14200	14280
Saturdays												
12 hour	8664	9387	8923	8758	8776	9384	-	-	-	-	8877	8921
24 hour	11202	12065	11544	11366	11489	12312	-	-	-	-	11483	11595
Sundays												
12 hour	6922	7677	7400	7106	7683	7701	-	-	-	-	7116	7341
24 hour	8988	9874	9492	11062	10077	10485	-	-	-	-	9259	9530



**Greater Manchester Transportation Unit
Automatic Traffic Counter Data 2008
Site No: 00590312 A664 Oldham Road Middleton Rochdale**

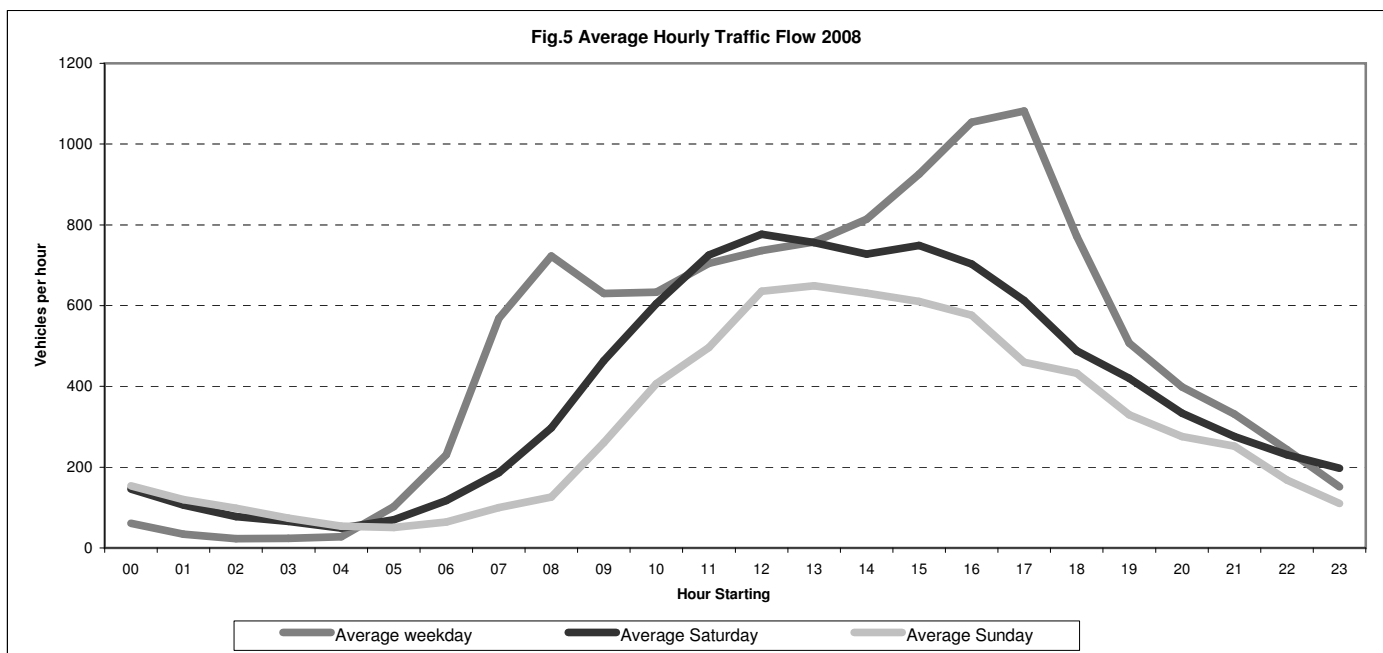
East Bound

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

Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day
00	59	53	57	68	69	146	154	61	87
01	35	29	31	37	37	106	120	34	56
02	20	22	21	25	29	78	98	23	42
03	22	21	22	27	27	66	74	24	37
04	25	26	28	29	32	49	54	28	35
05	95	104	107	102	102	70	51	102	90
06	215	234	241	235	230	117	64	231	191
07	550	579	592	567	552	186	100	568	447
08	708	746	726	719	715	297	126	723	577
09	608	630	633	634	645	464	261	630	554
10	604	633	633	625	668	605	407	633	596
11	682	706	693	701	743	725	496	705	678
12	714	735	712	725	792	777	636	736	727
13	725	747	757	752	808	756	649	758	742
14	785	805	798	792	891	728	631	814	776
15	873	930	914	924	987	749	610	926	855
16	1031	1060	1070	1061	1047	703	576	1054	935
17	1066	1110	1123	1109	1000	613	460	1082	926
18	753	814	785	801	709	488	433	772	683
19	472	515	502	529	517	420	330	507	469
20	381	395	376	429	416	334	276	399	372
21	308	332	327	350	336	276	252	331	312
22	207	224	262	244	280	231	168	243	231
23	117	133	149	140	214	197	110	151	151
TOTALS									
12 hour (0700-1900)	9099	9495	9436	9410	9557	7091	5385	9401	8496
am peak (0700-1000)	1866	1955	1951	1920	1912	947	487	1921	1578
off peak (1000-1600)	4383	4556	4507	4519	4889	4340	3429	4572	4374
pm peak (1600-1900)	2850	2984	2978	2971	2756	1804	1469	2908	2544
24 hour (0000-2400)	11055	11583	11559	11625	11846	9181	7136	11535	10569

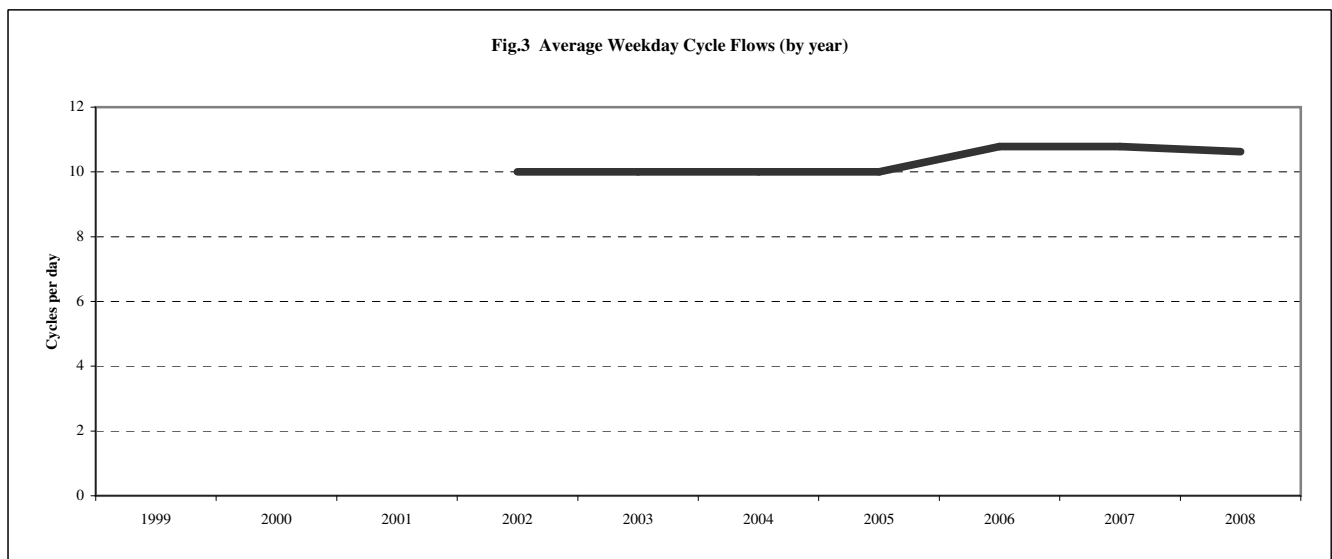
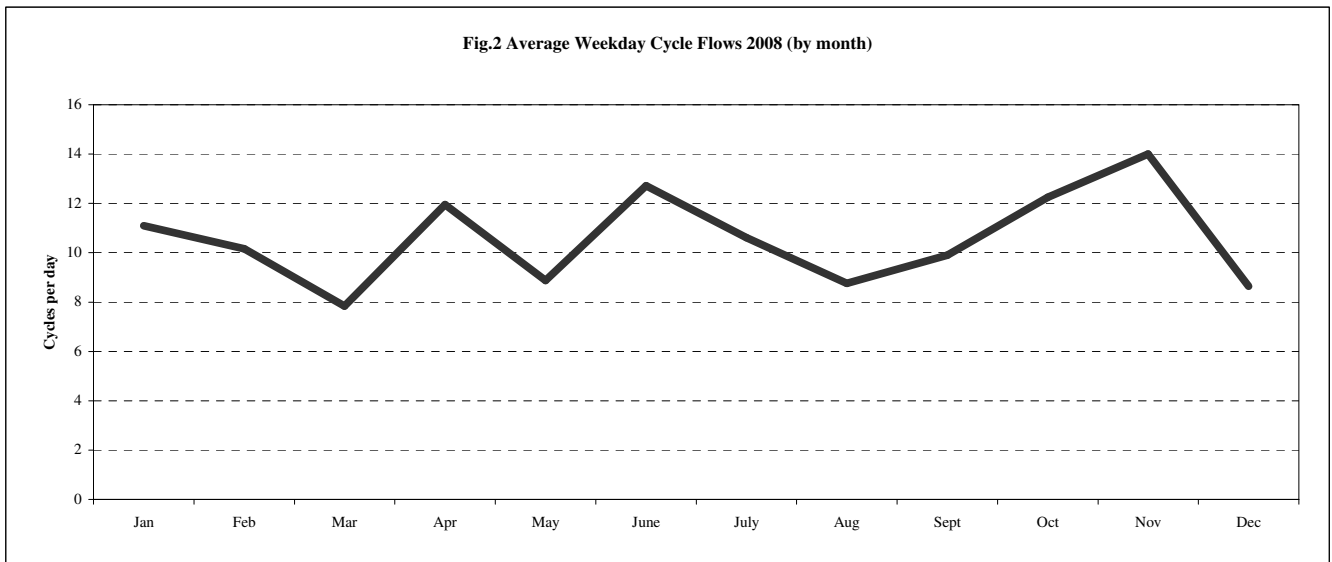
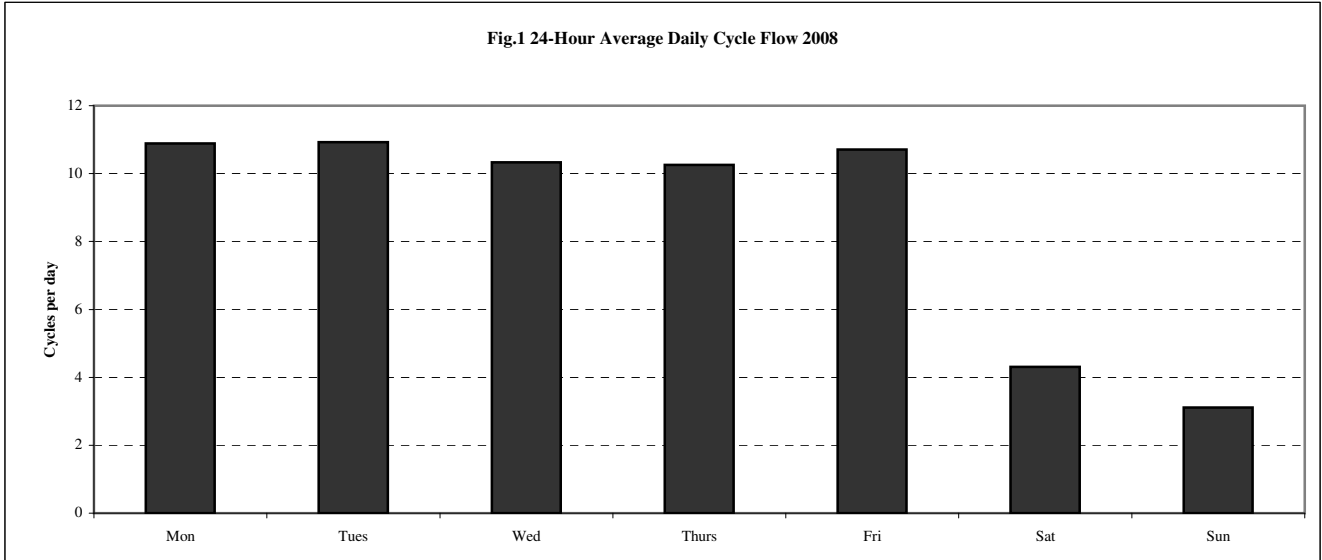
Average vehicle flows (excluding School Holidays (except August), Bank Holidays, roadworks etc)

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Weekdays												
12 hour	9820	9898	9948	9990	9080	10954	-	-	-	9666	9821	9895
24 hour	11916	12028	12160	12224	11270	13553	-	-	-	11751	12101	12291
Saturdays												
12 hour	7312	7883	7601	7493	4222	8934	-	-	-	-	7537	7554
24 hour	9401	10074	9727	9666	5942	11539	-	-	-	-	9794	9897
Sundays												
12 hour	5555	6088	5888	5648	3953	6390	-	-	-	-	5772	5794
24 hour	7247	7877	7709	7539	5584	8579	-	-	-	-	7650	7737



**Greater Manchester Transportation Unit
Automatic Cycle Counter Data 2008
Site No: 10570241 B6452 Roch Valley Way (cycle lane) Rochdale**

Bank Holidays and School Holidays included



— South bound

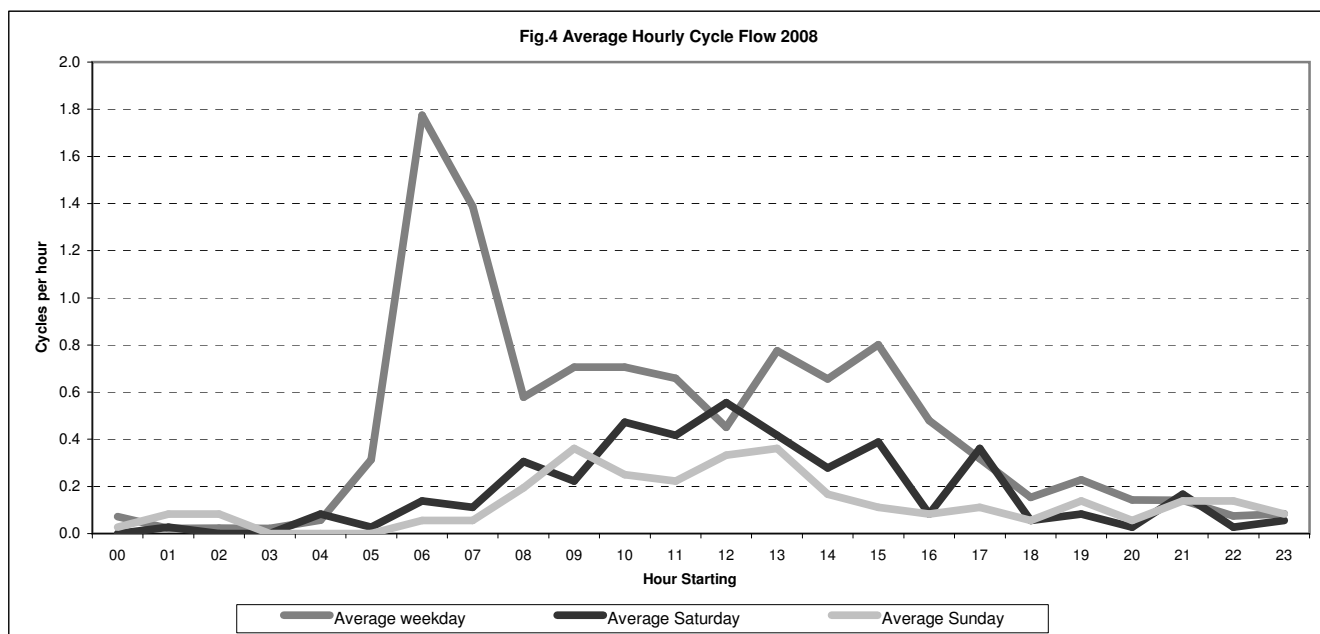
Greater Manchester Transportation Unit
Automatic Cycle Counter Data 2008
Site No: 10570241 B6452 Roch Valley Way (cycle lane) Rochdale

South bound

Average cycle flows (Bank Holidays and School Holidays included)										
Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day	
00	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0	0
06	2	2	2	2	2	0	0	2	1	1
07	2	1	1	2	1	0	0	1	1	1
08	1	0	1	0	1	0	0	1	0	0
09	1	1	1	1	1	0	0	1	1	1
10	1	1	1	1	1	0	0	1	1	1
11	1	1	1	1	1	0	0	1	1	1
12	1	0	0	0	0	1	0	0	0	0
13	1	1	1	1	1	0	0	1	1	1
14	1	1	0	1	0	0	0	1	1	1
15	1	1	1	1	1	0	0	1	1	1
16	0	0	0	0	1	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0
TOTALS										
12 hour (0700-1900)	8	8	7	7	8	4	2	8	6	
am peak (0700-1000)	3	2	2	2	3	1	1	3	2	
off peak (1000-1600)	4	4	4	4	4	3	1	4	3	
pm peak (1600-1900)	1	1	1	1	1	1	0	1	1	
24 hour (0000-2400)	11	11	10	10	11	4	3	11	9	

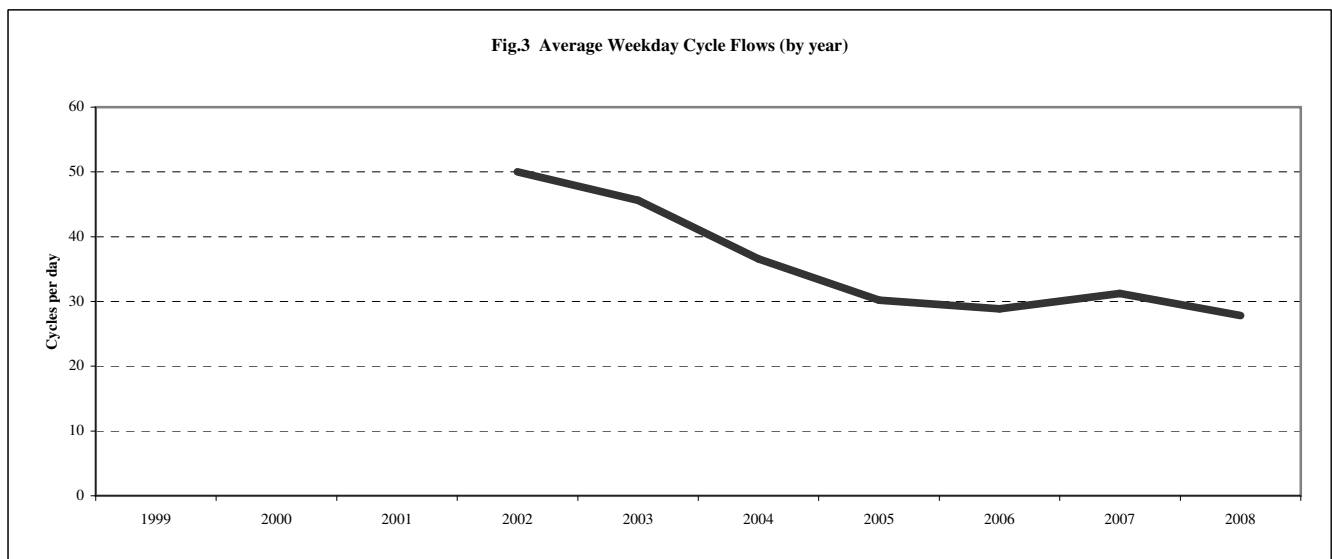
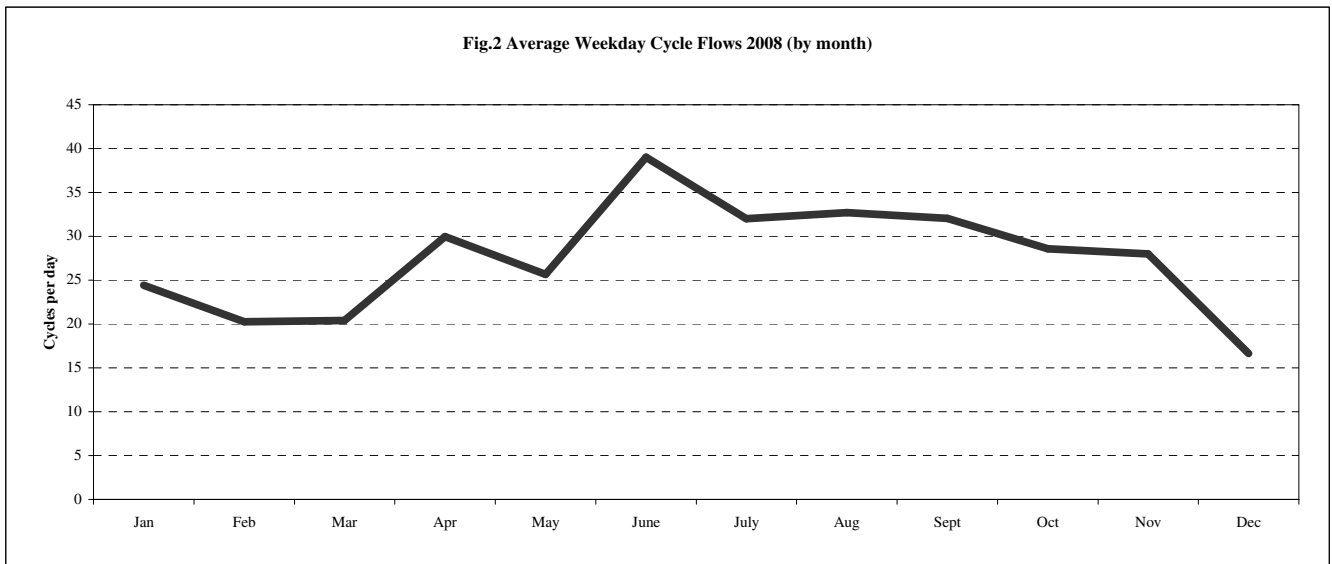
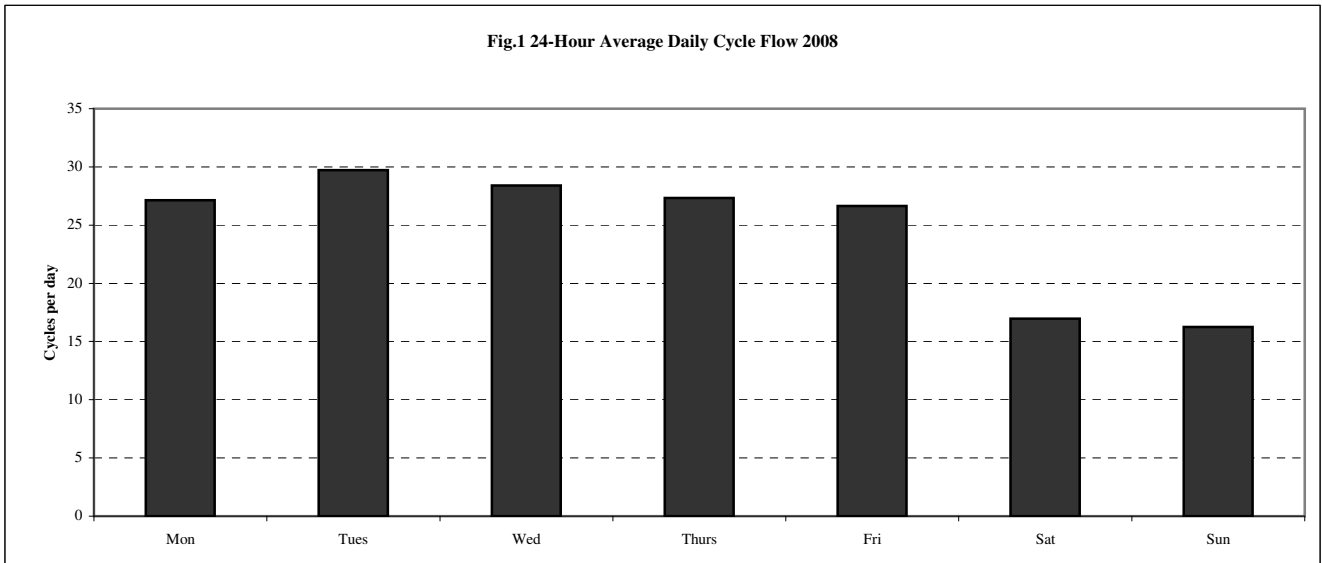
Average cycle flows (Bank Holidays and School Holidays included)

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Weekdays												
12 hour	8	9	7	9	6	9	8	6	7	9	14	6
24 hour	11	10	8	12	9	13	11	9	10	12	14	9
Saturdays												
12 hour	4	2	3	3	7	5	3	4	4	3	4	2
24 hour	5	3	3	4	7	6	3	5	4	4	5	3
Sundays												
12 hour	1	1	2	3	2	3	2	3	3	2	3	2
24 hour	3	2	3	4	2	4	3	4	4	2	3	2



**Greater Manchester Transportation Unit
Automatic Cycle Counter Data 2008
Site No: 10570251 A664 Rochdale Road (cycle lane) Middleton Rochdale**

Bank Holidays and School Holidays included



— West bound

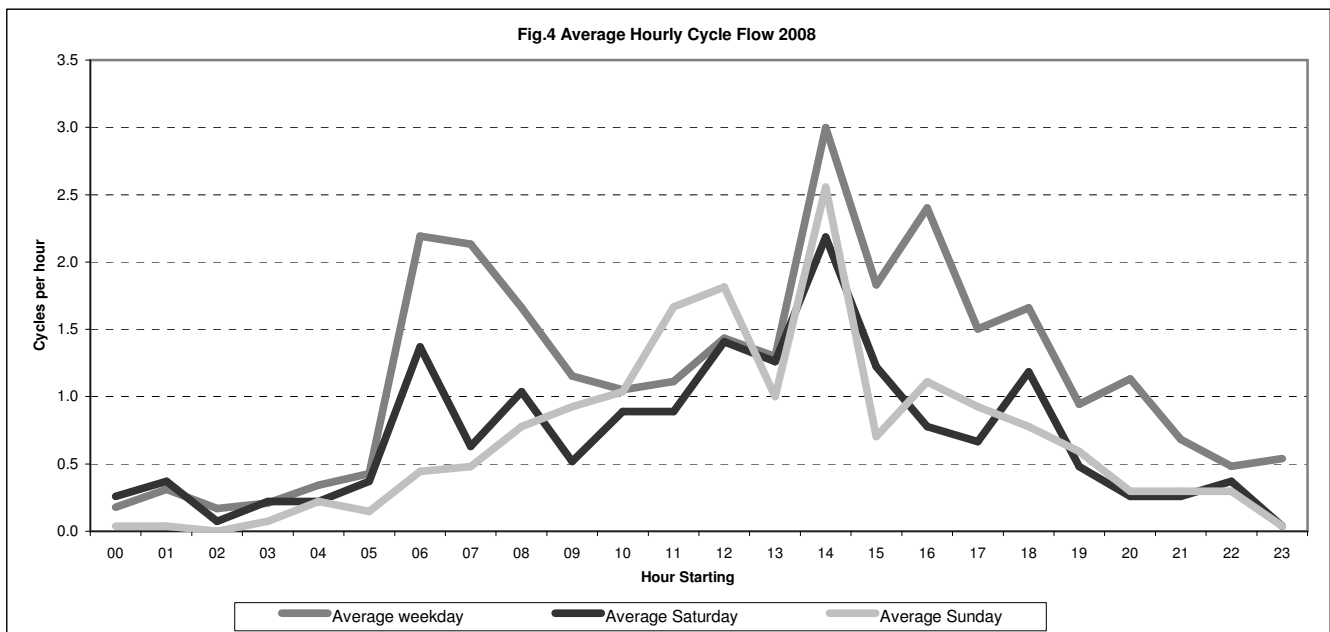
**Greater Manchester Transportation Unit
Automatic Cycle Counter Data 2008
Site No: 10570251 A664 Rochdale Road (cycle lane) Middleton Rochdale**

West bound

Average cycle flows (Bank Holidays and School Holidays included)										
Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day	
00	0	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0	0
04	0	1	0	0	0	0	0	0	0	0
05	0	0	1	0	1	0	0	0	0	0
06	2	2	2	2	2	1	0	2	2	2
07	3	2	2	2	2	1	0	2	2	2
08	1	2	2	2	2	1	1	2	1	1
09	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	2	1	1	1
12	1	2	2	1	2	1	2	1	1	1
13	2	1	1	1	2	1	1	1	1	1
14	3	3	3	3	3	2	3	3	3	3
15	2	2	2	2	2	1	1	2	2	2
16	2	3	3	2	2	1	1	2	2	2
17	2	2	2	2	1	1	1	2	1	1
18	2	2	2	1	2	1	1	2	1	1
19	1	1	1	1	1	0	1	1	1	1
20	1	1	1	1	1	0	0	1	1	1
21	1	1	1	1	1	0	0	1	1	1
22	0	0	0	1	1	0	0	0	0	0
23	0	0	1	1	1	0	0	1	0	0
TOTALS										
12 hour (0700-1900)	21	21	20	20	20	13	14	20	18	
am peak (0700-1000)	5	5	5	5	4	2	2	5	4	
off peak (1000-1600)	10	10	9	9	10	8	9	10	9	
pm peak (1600-1900)	6	6	6	5	5	3	3	6	5	
24 hour (0000-2400)	27	30	28	27	27	17	16	28	25	

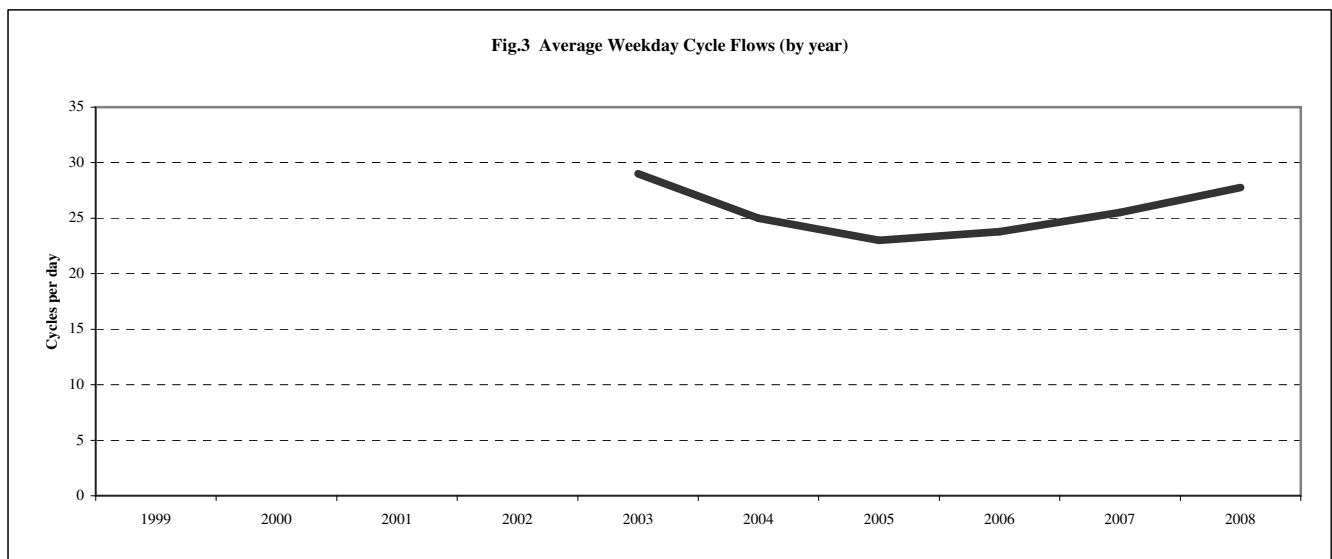
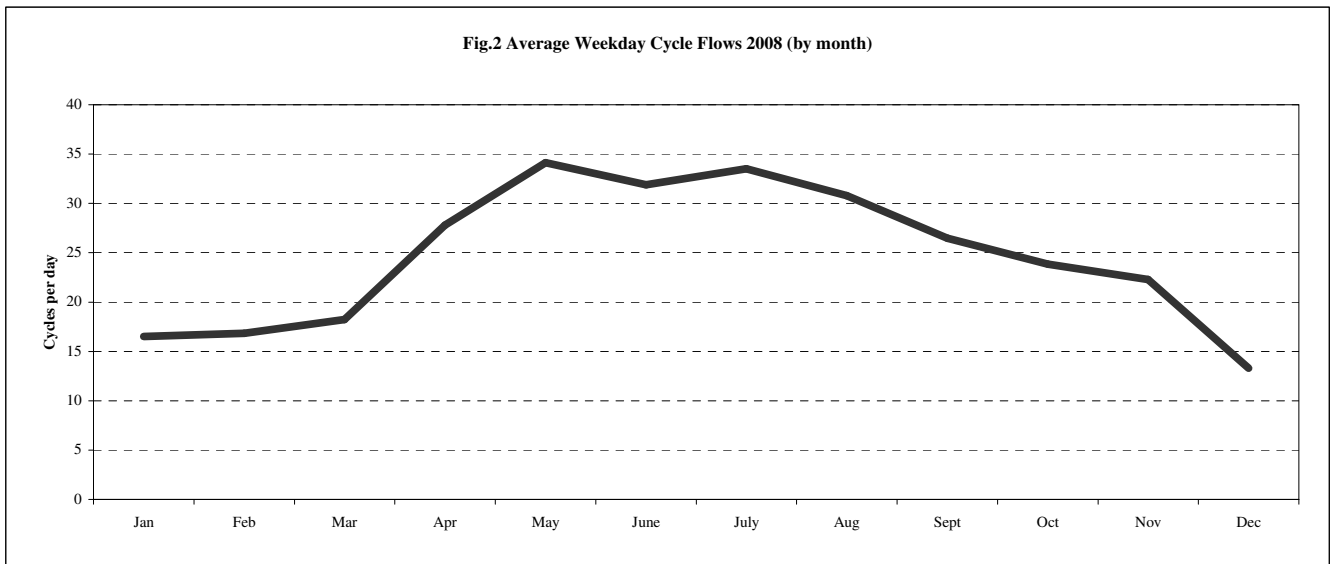
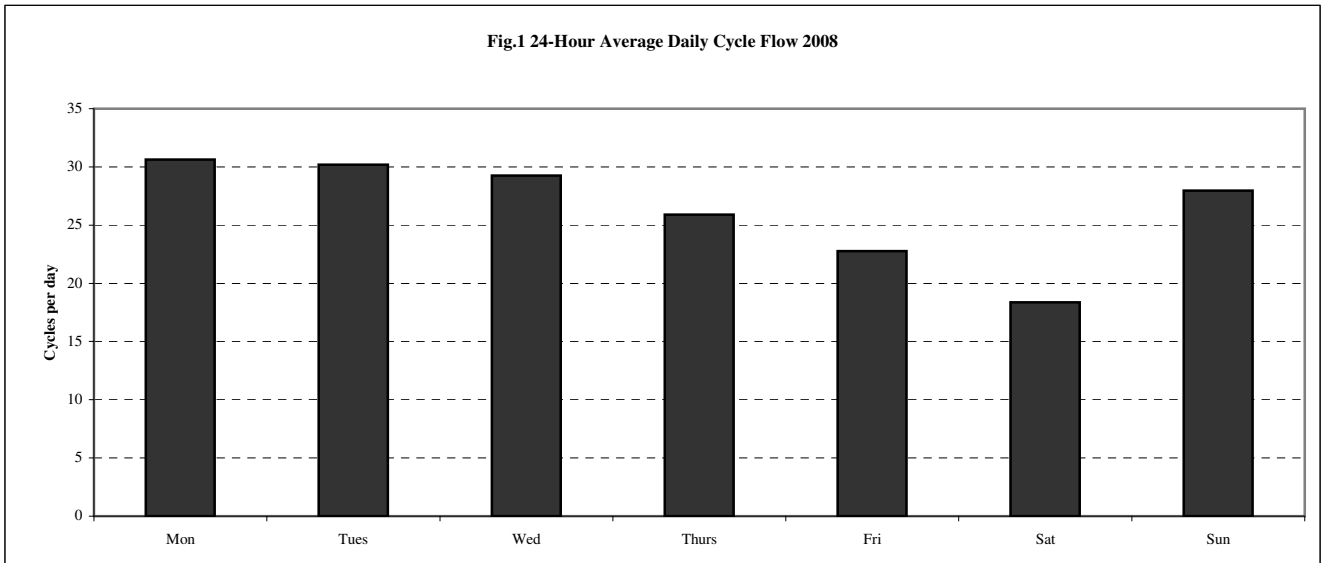
Average cycle flows (Bank Holidays and School Holidays included)

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Weekdays												
12 hour	18	18	18	22	19	34	23	22	24	21	21	12
24 hour	24	20	20	30	26	39	32	33	32	29	28	17
Saturdays												
12 hour	10	13	10	10	17	15	16	17	19	10	6	7
24 hour	15	17	13	14	24	20	20	23	21	13	12	8
Sundays												
12 hour	11	13	13	12	6	21	19	17	18	19	10	6
24 hour	13	15	15	15	8	24	22	21	20	22	12	7



**Greater Manchester Transportation Unit
Automatic Cycle Counter Data 2008
Site No: 10570261 B6222 Bury Road (cycle lane) Rochdale**

Bank Holidays and School Holidays included



— East bound

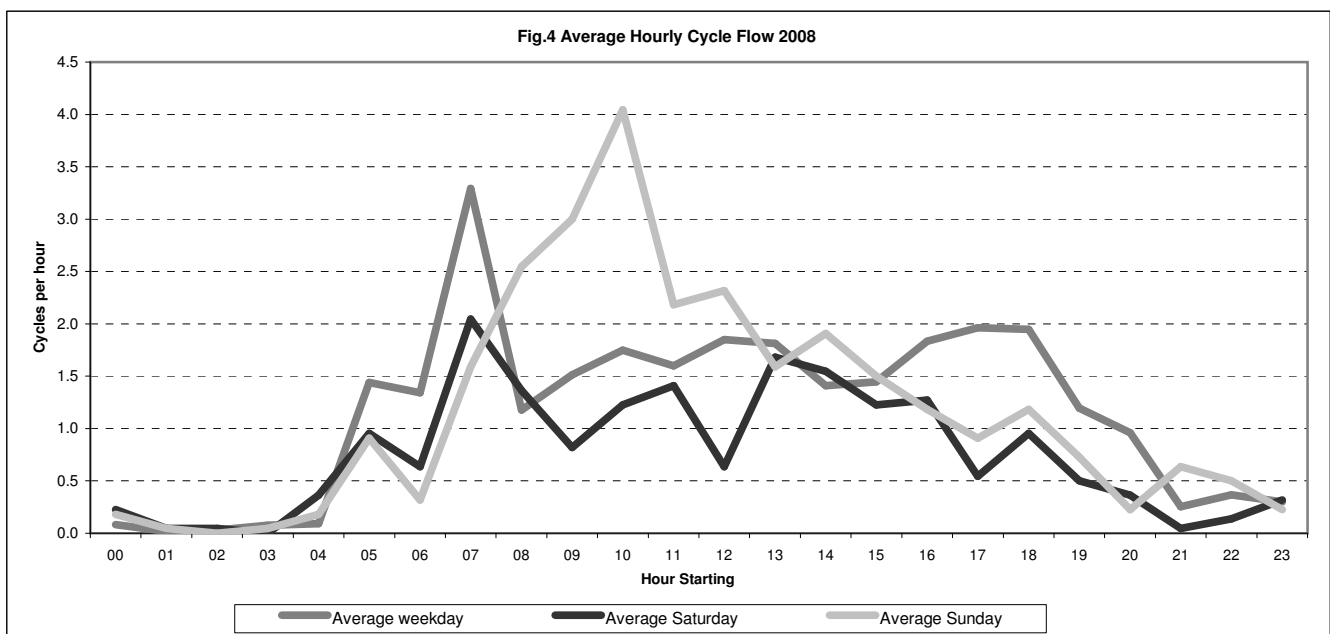
**Greater Manchester Transportation Unit
Automatic Cycle Counter Data 2008
Site No: 10570261 B6222 Bury Road (cycle lane) Rochdale**

East bound

Average cycle flows (Bank Holidays and School Holidays included)									
Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day
00	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0
05	2	1	2	2	1	1	1	1	1
06	1	2	1	1	1	1	0	1	1
07	3	4	4	3	3	2	2	3	3
08	1	2	1	1	1	1	3	1	1
09	2	2	2	1	1	1	3	2	2
10	2	2	2	2	1	1	4	2	2
11	2	1	2	1	1	1	2	2	2
12	2	2	2	2	1	1	2	2	2
13	3	2	1	1	2	2	2	2	2
14	2	1	1	1	1	2	2	1	1
15	1	2	2	1	1	1	2	1	1
16	2	2	2	2	2	1	1	2	2
17	2	2	2	2	1	1	1	2	2
18	3	2	2	2	1	1	1	2	2
19	1	1	1	1	1	1	1	1	1
20	1	2	1	1	1	0	0	1	1
21	0	0	0	0	0	0	1	0	0
22	0	0	1	1	0	0	1	0	0
23	0	0	0	0	0	0	0	0	0
TOTALS									
12 hour (0700-1900)	24	23	23	20	18	15	24	22	21
am peak (0700-1000)	5	7	7	6	5	4	7	6	6
off peak (1000-1600)	12	10	10	8	9	8	14	10	10
pm peak (1600-1900)	7	6	6	6	4	3	3	6	5
24 hour (0000-2400)	31	30	29	26	23	18	28	28	26

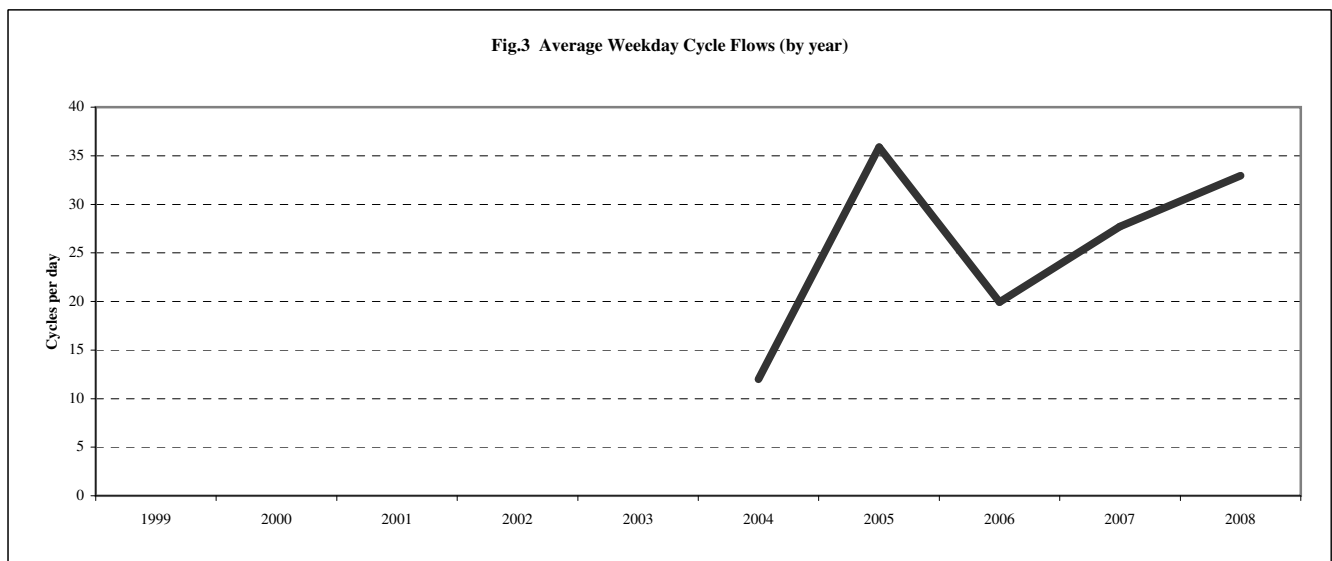
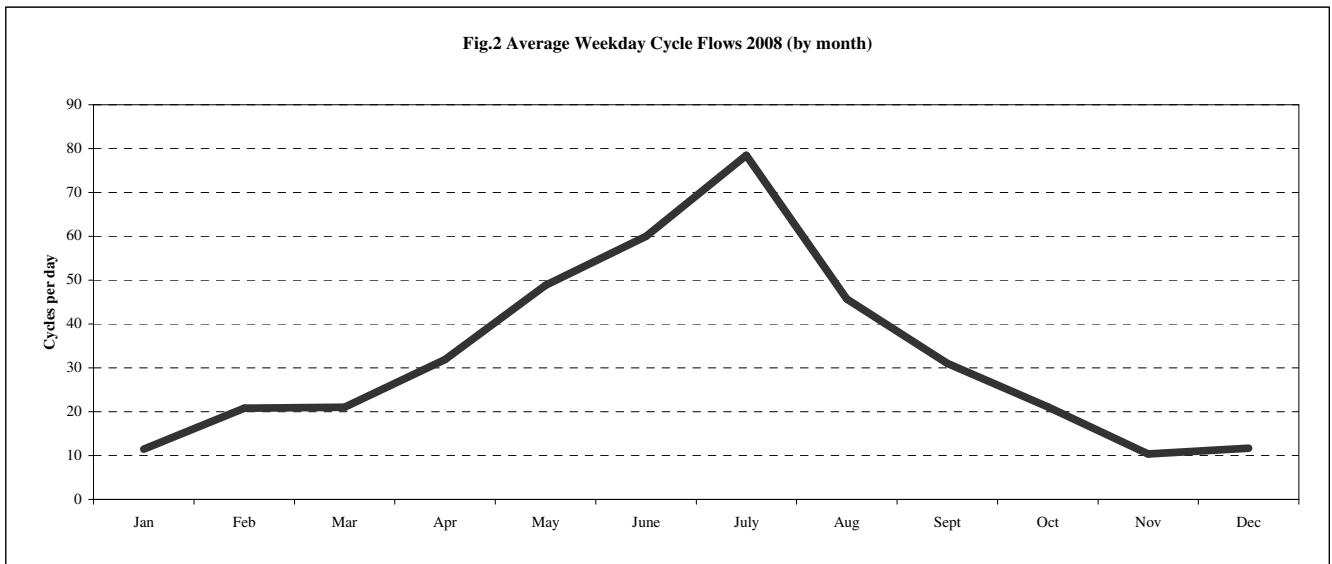
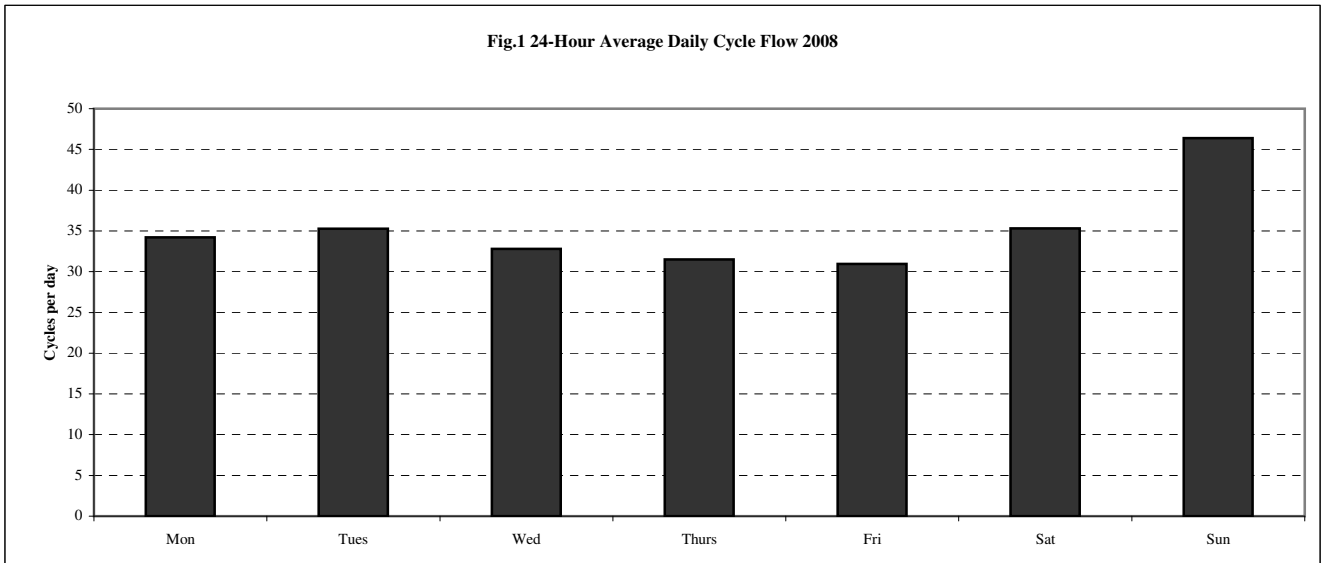
Average cycle flows (Bank Holidays and School Holidays included)

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Weekdays												
12 hour	13	14	17	22	26	24	26	24	22	20	17	11
24 hour	17	17	18	28	34	32	34	31	26	24	22	13
Saturdays												
12 hour	12	8	11	12	24	20	17	10	19	10	9	7
24 hour	14	10	12	16	28	25	21	14	21	12	13	8
Sundays												
12 hour	21	26	23	18	23	28	29	24	34	27	16	12
24 hour	22	28	25	23	27	34	34	28	38	29	18	13



**Greater Manchester Transportation Unit
Automatic Cycle Counter Data 2008
Site No: 10570663 Stubley Mill Rd Littleborough Rochdale**

Bank Holidays and School Holidays included



— Both Directions

**Greater Manchester Transportation Unit
Automatic Cycle Counter Data 2008
Site No: 10570663 Stubley Mill Rd Littleborough Rochdale**

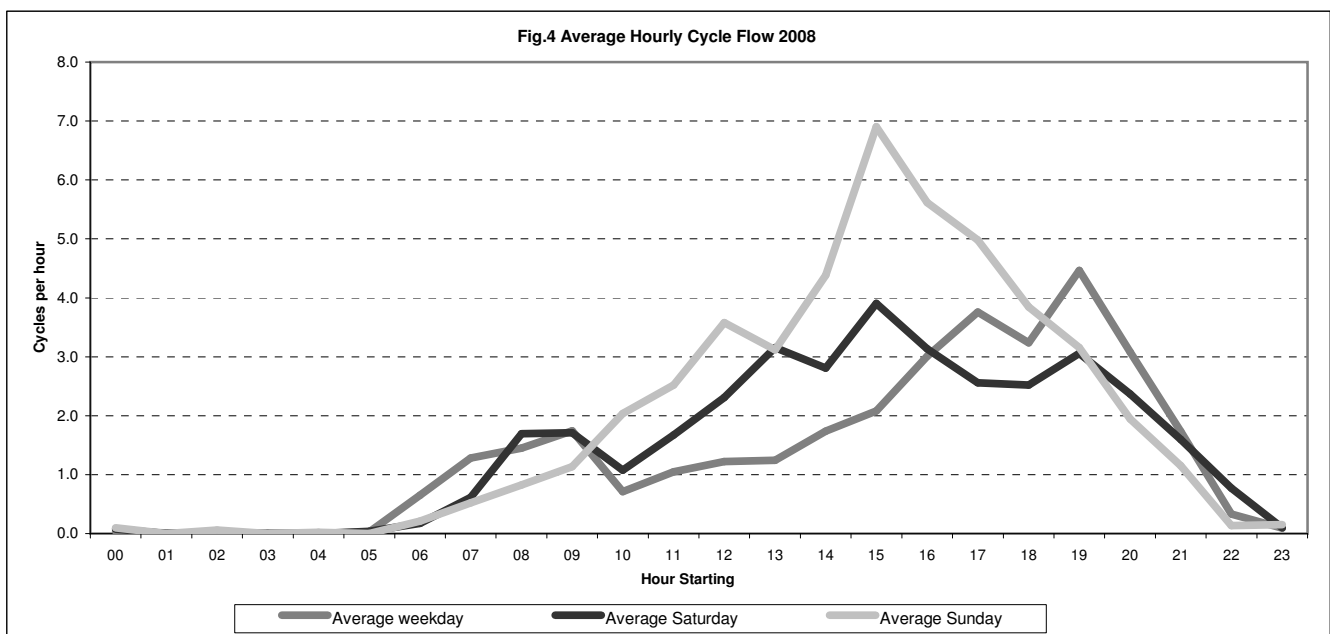
Both Directions

Average cycle flows (Bank Holidays and School Holidays included)

Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day
00	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0
06	1	1	1	1	1	0	0	1	1
07	1	1	1	1	1	1	1	1	1
08	2	2	1	2	1	2	1	1	1
09	3	1	2	2	1	2	1	2	2
10	1	1	1	1	1	1	2	1	1
11	1	1	1	1	1	2	3	1	1
12	1	1	2	1	2	2	4	1	2
13	1	1	1	1	2	3	3	1	2
14	2	1	2	2	2	3	4	2	2
15	2	2	2	1	2	4	7	2	3
16	3	3	3	3	3	3	6	3	3
17	4	4	3	3	3	3	5	4	4
18	3	4	3	3	3	3	4	3	3
19	5	6	4	4	4	3	3	4	4
20	3	3	3	3	3	2	2	3	3
21	2	2	2	2	1	2	1	2	2
22	0	0	0	0	0	1	0	0	0
23	0	0	0	0	0	0	0	0	0
TOTALS									
12 hour (0700-1900)	23	23	23	21	22	27	39	23	26
am peak (0700-1000)	5	4	4	5	4	4	2	4	4
off peak (1000-1600)	7	7	9	8	9	15	23	8	11
pm peak (1600-1900)	11	11	10	9	9	8	14	10	10
24 hour (0000-2400)	34	35	33	32	31	35	46	33	35

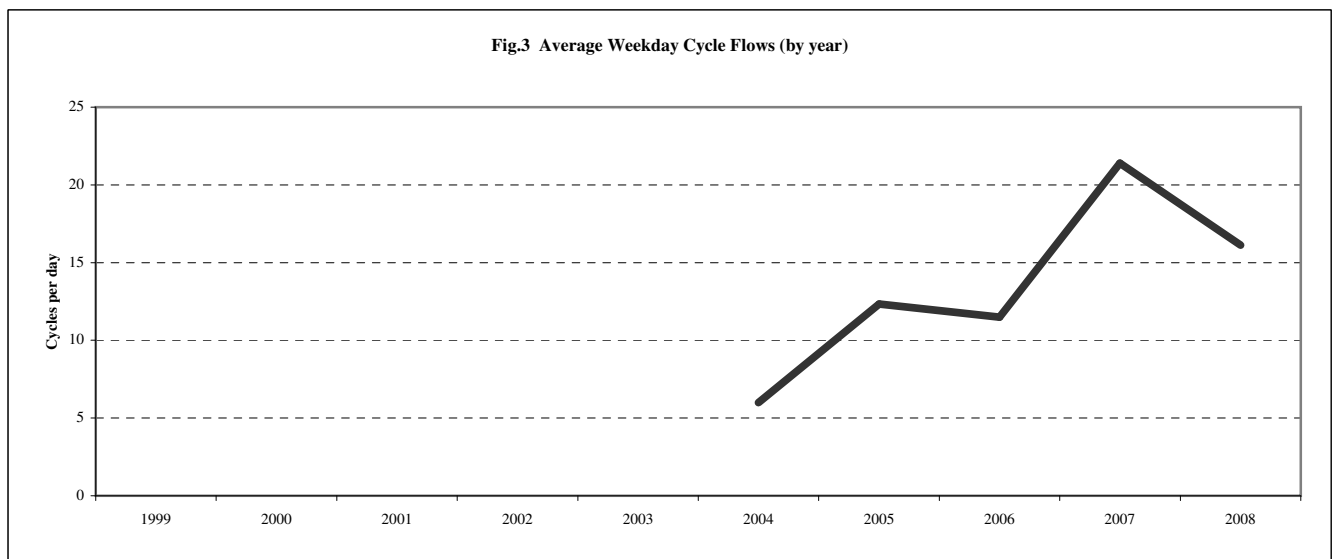
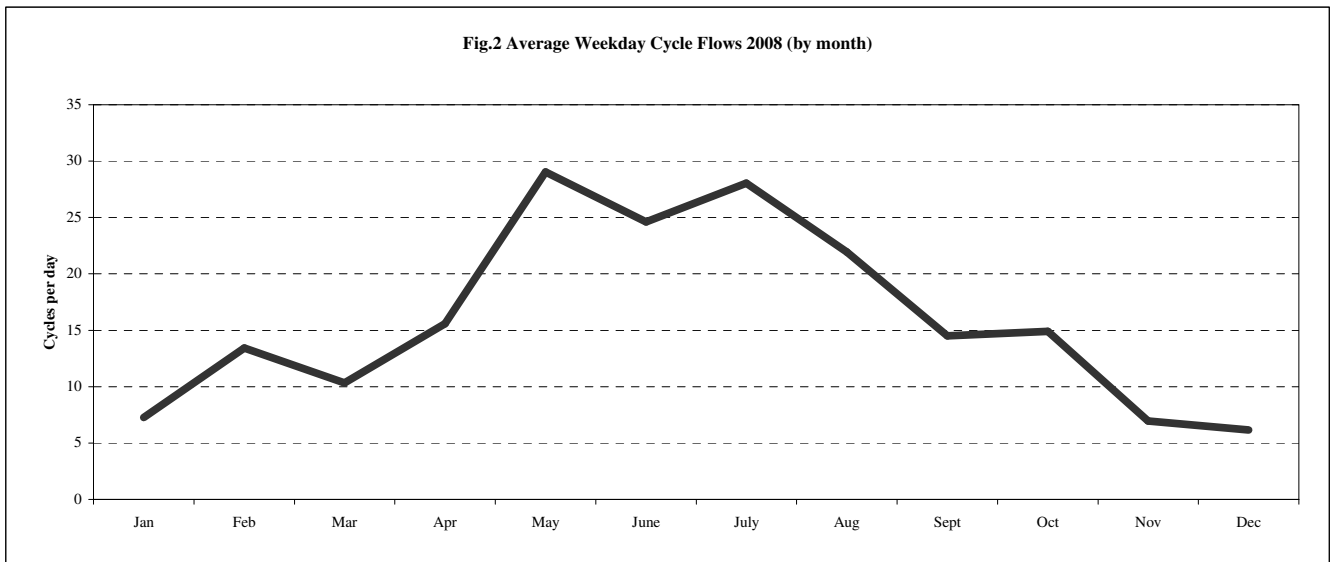
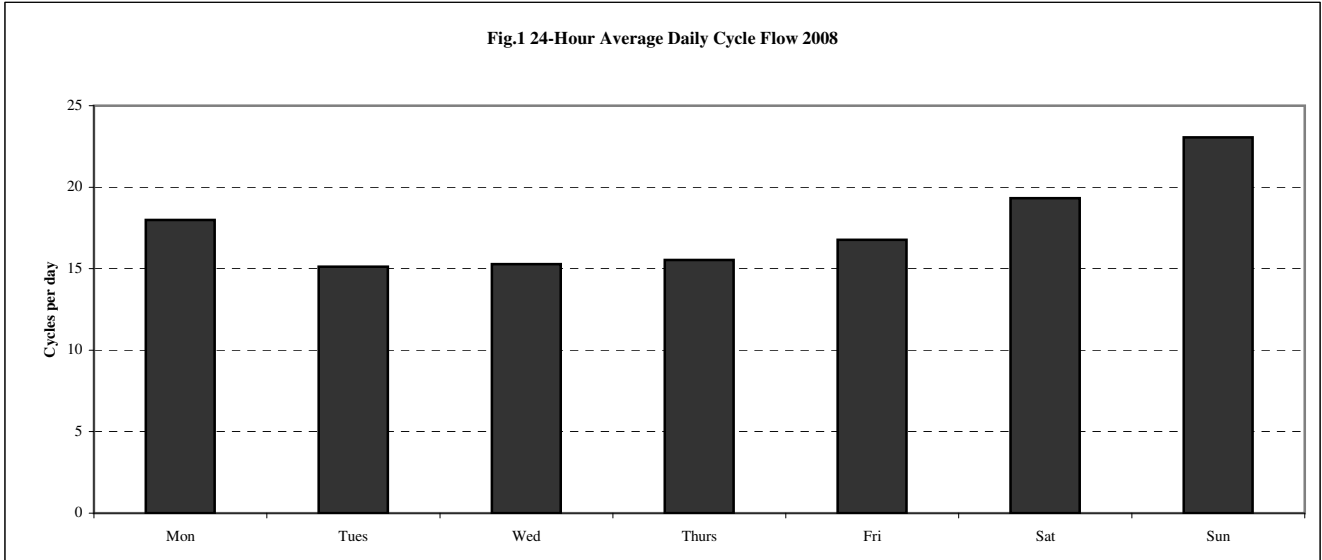
Average cycle flows (Bank Holidays and School Holidays included)

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Weekdays												
12 hour	8	17	19	22	31	29	49	34	22	18	9	10
24 hour	11	21	21	32	49	60	78	46	31	21	10	12
Saturdays												
12 hour	17	32	20	29	42	32	42	24	47	18	15	11
24 hour	17	34	20	39	62	52	71	28	57	21	16	12
Sundays												
12 hour	22	34	40	23	64	55	54	29	60	66	17	16
24 hour	23	35	43	23	75	69	77	40	73	69	18	17



**Greater Manchester Transportation Unit
Automatic Cycle Counter Data 2008
Site No: 10570673 Mill Fold Gardens Littleborough Rochdale**

Bank Holidays and School Holidays included



— Both Directions

**Greater Manchester Transportation Unit
Automatic Cycle Counter Data 2008
Site No: 10570673 Mill Fold Gardens Littleborough Rochdale**

Both Directions

Average cycle flows (Bank Holidays and School Holidays included)

Hour starting	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	5-day	7-day
00	0	0	0	0	0	0	0	0	0
01	0	0	0	0	0	0	0	0	0
02	0	0	0	0	0	0	0	0	0
03	0	0	0	0	0	0	0	0	0
04	0	0	0	0	0	0	0	0	0
05	0	0	0	0	0	0	0	0	0
06	0	0	0	0	0	0	0	0	0
07	0	0	0	1	0	0	0	0	0
08	1	1	1	1	1	0	0	1	1
09	1	1	1	1	0	0	1	1	1
10	0	0	1	0	1	1	1	0	1
11	0	1	1	0	1	2	2	1	1
12	0	1	1	1	1	2	2	1	1
13	1	1	1	1	1	2	2	1	1
14	1	1	1	0	1	2	2	1	1
15	1	1	1	1	2	3	4	1	2
16	2	2	2	2	1	2	3	2	2
17	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	1	1	2	2
19	1	1	1	2	2	1	1	1	1
20	1	1	1	1	1	1	1	1	1
21	1	1	0	1	0	1	0	1	1
22	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0
TOTALS									
12 hour (0700-1900)	14	11	12	12	13	16	21	13	14
am peak (0700-1000)	2	2	2	2	1	1	2	2	2
off peak (1000-1600)	5	4	5	4	7	10	14	5	7
pm peak (1600-1900)	7	5	5	6	5	5	5	6	6
24 hour (0000-2400)	18	15	15	16	17	19	23	16	18

Average cycle flows (Bank Holidays and School Holidays included)

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Weekdays												
12 hour	7	13	10	10	19	15	20	19	13	14	5	5
24 hour	7	13	10	16	29	25	28	22	15	15	7	6
Saturdays												
12 hour	21	24	13	15	23	19	18	14	26	9	7	7
24 hour	23	24	13	21	33	25	24	15	31	9	7	7
Sundays												
12 hour	7	28	16	8	35	24	30	17	41	27	9	10
24 hour	7	28	17	10	40	29	33	23	46	27	10	11

