

This report is designed to complement HFAS Reports 1724, 'Transport Statistics Greater Manchester 2012' and 1747, 'Road Casualty Statistics Greater Manchester 2012'. It focuses on the statistics for Stockport and compares them to those for Greater Manchester where appropriate.

This is the second year that the report has been provided in excel format and we would be glad to receive any comments and suggestions for further improvements.

This workbook includes :

- Key fact and summary sheets equivalent to section 1 of the previous .pdf reports
- Tabulations of the most recently available Transport monitoring information

There are also Appendices in separate workbooks and .pdf files which include:

- Lists and diagrams of traffic flows on major road links
- Summaries of traffic profiles at automatic traffic counter sites
- Diagrams showing road accident locations by type of accident
- Diagrams showing average journeytimes on the road network

For detailed information on road casualties in Stockport please refer to HFAS Report 1749 District Tabulations

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Authors: Elwyn Ellis, Jeremy Morewood, Rachel Beesley

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To whom: <http://www.gmtu.gov.uk/>

All enquiries to:

Transport for Greater Manchester

Highways Forecasting and Analytical Services (HFAS)

2nd Floor

2 Piccadilly Place

Manchester

M1 3BG

Telephone: 0161 244 1791

Internal Tel: 701791

Fax: 0161 226 1530

e-mail: [elwyn.ellis@tfgm.com](mailto:elwyn.ellis@tfgm.com)

website: <http://www.gmtu.gov.uk/>

# HFAS Report 1731 Transport Statistics Stockport 2012

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Appendix 1 Lists of Traffic Flows on Major Roads 2012 (separate document)

Appendix 2 Automatic Traffic and Cycle Counts (separate document)

Appendix 3 Traffic Flow, Road Accident and Congestion Plots (separate document)

HFAS Report 1731 Transport Statistics Stockport 2012

Key Facts		
	Stockport	Greater Manchester
2012 Population*	283,900	2,702,200
Area (sq km)	126	1,276
Total Road Length (km)	993	9,178
Motorway Length	12	174
A Road Length	84	865
B Road Length	38	384
Other classified road length	43	461
Unclassified Road Length	815	7,293
2013-14 Maintenance Funding Allocation through LTP Process (EM)	3.188	25.323

Summary Road Traffic - Kilometres Travelled		
	Stockport	Greater Manchester
Annual Kilometres travelled on Motorways (millions)	459	5,765
Annual Kilometres travelled on A Roads (millions)	610	5,559
Annual Kilometres travelled on B Roads (millions)	156	1,399
Average Daily Vehicle Flow per km on Motorways	101,700	92,200
Average Daily Vehicle Flow per km on A Roads	19,900	17,600
Average Daily Vehicle Flow per km on B Roads	11,700	10,200
% of Greater Manchester M,A,B Road Network	9	
% of GM M,A and B Road Traffic Carried	10	

Summary Road Traffic - Traffic Flows		
	Stockport	Greater Manchester
Road Section with Highest Flow	M60 Bet Jns 2 & 3	M60 bet, Jns 12 & 13
Traffic Flow - 24 Hr AAWT	159,200	201,800
Non Trunk (Local Authority controlled) Road Section with Highest Flow	A34 Kingsway Gatley	A57(M) Mancunian Way, Manchester City Centre
Traffic Flow - 24 Hr AAWT	71,800	80,000
Road Section with Highest 12 hour Pedal Cycle Flow (most recent year)	Wellington Rd North Heaton Chapel	B5117 Oxford Road, Higher Education Precinct
Pedal Cycle Flow weekday 0700-1900	383	1,602
Average 12 hour A Road Pedal cycle Flow	98	117
Average 12 hour B Road Pedal cycle Flow	99	106

\* from ONS 2012 Census Table P04

Notes: Kilometres travelled and 24 hour traffic flows are estimates based on the most recent traffic survey data available.

Road lengths above are based on published DfT data and those used in tables of vehicle kilometres in this report differ slightly as a simplified network has been used.

## HFAS Report 1731 Transport Statistics Stockport 2012

Summary Road - Traffic Growth			
	Stockport	GM	GB
% Change in Motorway 24 Hour Weekday Flow 2011 to 2012	0	-1	-1
% Change in Combined A and B Road 12 Hour Weekday Flow 2011 to 2012	-1	-1	*-2
% Change in combined A and B Road 12 Hour Weekday Flows since 1993	-2	-6	*1

\* Based on major urban A roads

Summary Road Traffic - Composition 2012		
	Stockport	GM
<b>Motorways</b>		
% Cars	78.8	76.6
% LGV	14.8	14.6
% OGV	5.9	8.3
<b>A Roads</b>		
% Cars	83.3	81.6
% LGV	11.5	12.5
% OGV	3.2	3.4
<b>B Roads</b>		
% Cars	82.3	82.9
% LGV	12.5	11.7
% OGV	1.8	1.9
<b>Minor Roads</b>		
% Cars	87.1	83.9
% LGV	9.0	11.3
% OGV	0.5	1.6

Summary Road Traffic - Congestion		
	Stockport	GM
% Change in A and B Road Journey Time (2011-12/2010-11)		
0700 - 1000	-3	-2
0800 - 0900	-4	-2
1000 - 1600	-2	-1
1700 - 1800	-1	-2
1600 - 1900	2	-3
0700 - 1900	-2	-2
Slowest Roads in Stockport 0800-0900		
A560 Gatley Road/A34		
M60 Junction 3		
M60 between junctions 25 and 26		
A560/A6017/A627 Bredbury		
A6/A626 Heaton Chapel		
A5102 Bramhall Lane		
A34/B5094 Stanley Green		

## HFAS Report 1731 Transport Statistics Stockport 2012

Summary - Rail			
	Number	% Change since 1991	% Change since 2011
Stockport Corridor			
AM peak - 0730 to 0930	2970	13	6
Off-peak - 0930-1330	1755	34	3
GM - ALL Corridors			
AM peak - 0730 to 0930	15494	58	5
Off-peak - 0930-1330	11127	145	-3

## HFAS Report 1731 Transport Statistics Stockport 2012

Summary - Key Centre Monitoring			
Number of vehicles crossing the Cordon	2012	% Change since 1997	% Change Since 2011
AM peak 0730 to 0930	13410	-20	-2
Off-peak 1000 to 1200	10286	-12	-5
PM Peak 1600 to 1800	10760	-21	-3
<b>Modal Share 2012</b>			
AM Peak % Car	62		
AM Peak % non-car	38		
Off-peak % Car	65		
Off-peak % non-car	35		
PM Peak % Car	66		
PM Peak % Non-car	34		
<b>Change in non-car modal share since 2003</b>			
AM Peak	Increased from 33% to 38%		
Off-Peak	Decreased from 38% to 35%		
PM Peak	Increased from 32% to 34%		
<b>Change in non-car modal share since 2011</b>			
AM Peak	Increased from 37% to 38%		
Off-Peak	Increased from 33% to 35%		
PM Peak	Increased from 33% to 34%		

## HFAS Report 1731 Transport Statistics Stockport 2012

Summary - Stockport Road Traffic Casualties			
General	2012	1994-1998 Ave	% Change
Stockport Reported Injury Accidents	353	1168	-70
GM Reported Injury Accidents	4378	12076	-64
Stockport Reported Casualties	484	1594	-70
GM Reported Casualties	6058	16708	-64
LTP3	2012	Base (2005-09 Ave)	% Change
Stockport KSI Casualties	49	77	-37
GM KSI Casualties	698	916	-24
Stockport KSI Casualty Rate/million pop*	173	275	-37
GM KSI Casualty Rate/million pop*	260	357	-27

Notes: based on Stats 19 Data

\*Mid-Year 2011 population

## HFAS Report 1731 Transport Statistics Stockport 2012

### Road Traffic - Motorways

Table 1 gives 24-hour annual average weekday traffic flows on the eight motorway sections in Stockport for which ATC or manual data was available in both 2011 and 2012

Table 1 Average 24-Hour Weekday Motorway Flows in 2012 with Percentage Changes Since 2011									
		LGV	%	OGV	%	All Goods	%	All Motors	%
M56	Bet Jns 1 & 2	12200	(9)	5200	(-26)	17400	(-4)	92500	(0)
M60	Bet Jns 1 & 2	22000	(6)	8300	(-2)	30300	(3)	136900	(0)
M60	Bet Jns 2 & 3	23400	(1)	8700	(-2)	32100	(0)	159200	(2)
M60	Bet Jns 4 & 5	11700	(33)	3400	(-30)	15100	(10)	83800	(-1)
M60	Bet Jns 24 & 25	18800	(4)	7500	(0)	26300	(3)	119900	(-1)
M60	Bet Jns 25 & 26	15300	(-2)	5800	(-7)	21200	(-3)	105400	(0)
M60	Bet Jns 26 & 27	15100	(-2)	6800	(4)	21900	(0)	104200	(-2)
M60	Bet Jns 27 & 1	18700	(-10)	8600	(4)	27200	(-6)	132900	(-1)
Stockport Sample		17200	<b>(3)</b>	6800	<b>(-6)</b>	23900	<b>(0)</b>	116800	<b>(0)</b>
GM 61 links		15200	<b>(2)</b>	8500	<b>(-8)</b>	23800	<b>(-1)</b>	105200	<b>(-1)</b>

### Notes

Due to insufficient manual counts in each District, motorway traffic growth has been calculated using a combination of manual counts and 24-hour average weekday ATC data supplied by the Highways Agency.

ATC data is unclassified and goods vehicle estimates are based on the most recent manual counts factored to 2011 or 2012.

Combined goods vehicle flow differences are thought to be more reliable than LGV and OGV differences.



## HFAS Report 1731 Transport Statistics Stockport 2012

### Road Traffic - A and B Roads

Table 2 gives average 12-hour traffic flows on A and B roads in Stockport and Greater Manchester in 2012 together with percentage changes since 2011.

The figures for A and B road growth are based on counts on 20 of the 74 A and B road links in Stockport.

Table 2 Average 12-Hour Weekday A and B Traffic Flows in 2012 with Percentage Changes Since 2011											
	No. of Sites	Cars	(%)	LGV	(%)	OGV	(%)	All Goods	(%)	All Motors	(%)
Stockport	20	42451	(-1)	6041	(3)	1407	(0)	7447	(2)	50737	(-1)
Greater Manchester	173	14015	-1	2092	(1)	487	(-5)	2579	(0)	16953	(-1)

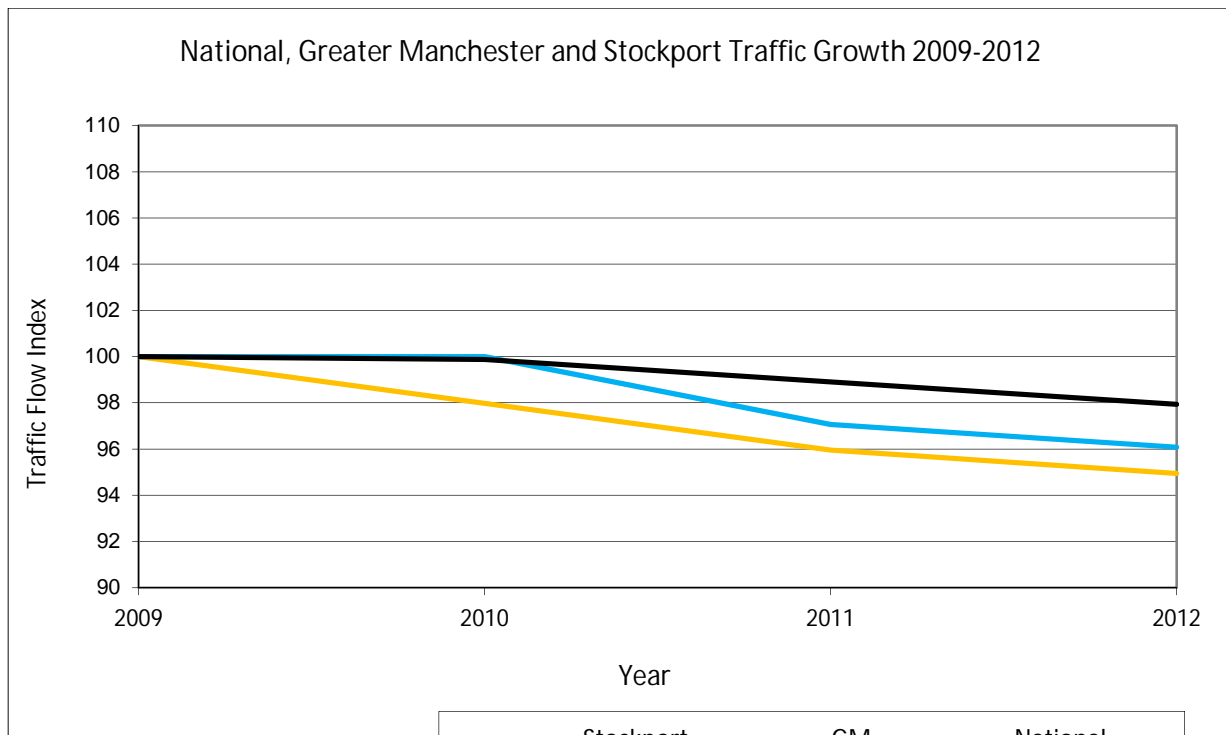
# HFAS Report 1731 Transport Statistics Stockport 2012

## Traffic Growth Since 1993

Table 3 and the graph illustrate local and national traffic growth since 1993.

District and GM figures are based on 12-hour average weekday flows on a sample of A and B Road links throughout Greater Manchester. 1993-2012 National Data based on average 24-hour daily traffic flow data for urban A Roads published in Table TRA0301 Road Traffic Statistics 2012, Traffic, Speeds and Congestion

Table 3 Traffic Growth Since 2009			
Year	Stockport	GM	National
2009	100	100	100
2010	100	98	100
2011	97	96	99
2012	96	95	98

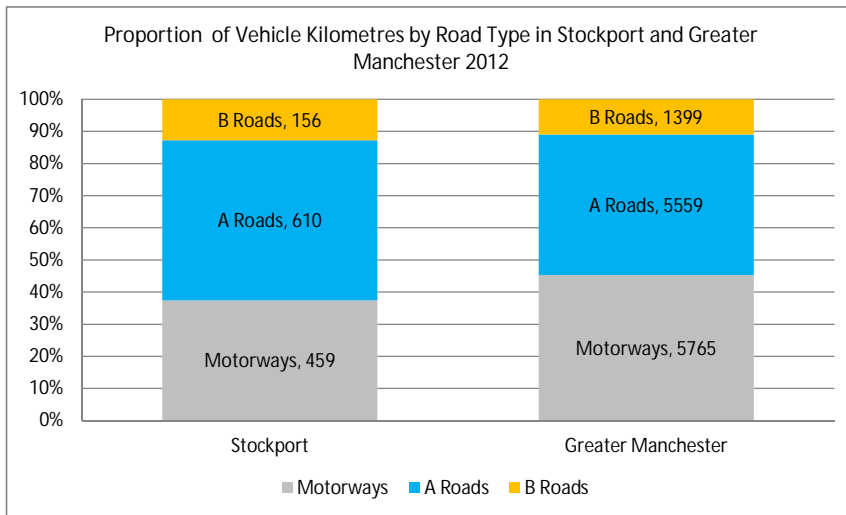


Annual Vehicle Kilometres 2012

Table 4 shows annual vehicle kilometres on major roads in Stockport and Greater Manchester in 2012

Table 4 Vehicle Kilometres in 2012								
	Road Type	Length (km)	Vehicle Kilometres					Av. Daily Flow per km
			(millions)					
			Cars	LGV	OGV	All Goods	All Motors	
Stockport	Motorways	12	361	68	27	95	459	101700
	A Roads	84	529	58	14	72	610	19900
	B Roads	36	137	15	2	17	156	11700
	All Roads	133	1027	141	44	184	1225	25300
Greater Manchester	Motorways	171	4379	841	512	1353	5765	92200
	A Roads	865	4742	577	142	720	5559	17600
	B Roads	375	1219	133	20	153	1399	10200
	All Roads	1411	10340	1551	674	2225	12723	24700

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



# HFAS Report 1731 Transport Statistics Stockport 2012

## Traffic Composition 2012

Table 5 shows the percentage composition of traffic in Stockport in 2012 compared to the county as a whole.

Table 5 Percentage Composition of Traffic in Stockport and Greater Manchester 2012 (0700-1900)										
		Cars	LGV	OGV1		OGV2		Buses and Coaches	M/C	P/C
Stockport	Motorways	78.8	14.8	2.8	(48)	3.1	(52)	0.2	0.3	-
	A Roads	83.3	11.5	2.0	(62)	1.2	(38)	1.1	0.5	0.5
	B Roads	82.3	12.5	1.4	(75)	0.4	(25)	1.9	0.6	0.8
	Minor Roads	87.1	9.0	0.5	(100)	0.0	(0)	0.6	0.4	2.4
Greater Manchester	Motorways	76.6	14.6	3.1	(38)	5.1	(62)	0.2	0.3	-
	A Roads	81.6	12.5	2.0	(59)	1.4	(41)	1.3	0.6	0.6
	B Roads	82.9	11.7	1.3	(69)	0.6	(31)	1.8	0.6	1.2
	Minor Roads	83.9	11.3	1.1	(72)	0.4	(28)	1.2	0.4	1.6

### 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 Rigid Heavy Goods Vehicles with 3 axles.

OGV2 = All Articulated Heavy Goods Vehicles and Rigid Heavy Goods Vehicles

Figures in parentheses are the percentage split between OGV1 and OGV2.

Figures may not sum due to rounding.

**Rail Patronage**

Table 6 Trend in Manchester-Bound Rail Boarders 0730-0930				
Year	Stockport Corridor	Index	Greater Manchester	Index
1991	2633	100	9808	100
2001	2152	82	11290	115
2002	2218	84	10222	104
2003	2392	91	11454	117
2004	2216	84	12399	126
2005	2513	95	13286	135
2006	2576	98	13422	137
2007	2801	106	14400	147
2008	2941	112	14635	149
2009	2760	105	14147	144
2010	2922	111	13406	137
2011	2804	106	14727	150
2012	2970	113	15494	158

Table 7 Trend in Manchester-Bound Rail Boarders 0930-1330				
Year	Stockport Corridor	Index	Greater Manchester	Index
1991	1305	100	4536	100
2001	1062	81	6392	141
2002	857	66	5599	123
2003	982	75	7095	156
2004	968	74	6959	153
2005	1114	85	7558	167
2006	1179	90	8631	190
2007	1268	97	9243	204
2008	1348	103	9650	213
2009	1437	110	9719	214
2010	1547	119	9805	216
2011	1709	131	11455	253
2012	1755	134	11127	245

Notes:

Figures for 1991 are based on full counts at every station in each corridor. Stockport figures for 2002, 2005, 2008 and 2011 are also based on counts at every station. All other figures are estimates based on all available counts each year.

Figures for Greater Manchester include the Rochdale/Oldham corridor. Stations on the Oldham Loop section of this corridor were closed when surveys were conducted in 2009, 2010 and 2011 and re-opened as Metrolink stations during 2012.

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.

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Rail Patronage

Table 8 Number of Passengers Boarding and Alighting Trains in Stockport District (2011 & 2012)											
Station	Year of Count	AM Peak 07:30-09:30				AM Peak Total	Off-Peak 09:30-13:30				Off Peak Total
		Inbound		Outbound			Inbound		Outbound		
		B	A	B	A		B	A	B	A	
Bramhall	2012	185	10	28	19	242	70	4	9	25	108
Bredbury	2012	131	17	1	23	172	94	11	8	21	134
Brinnington	2011	29	8	10	16	63	44	6	11	12	73
Cheadle Hulme	2012	406	44	57	57	564	190	18	32	76	316
Davenport	2012	152	46	4	23	225	88	9	7	20	124
Gatley	2012	275	9	43	25	352	136	8	7	44	195
Hazel Grove	2012	430	33	3	35	501	196	10	4	53	263
Heald Green	2012	264	7	27	168	466	171	13	12	84	280
Heaton Chapel	2012	516	21	82	29	648	197	13	37	44	291
Marple	2012	357	6	21	24	408	140	6	8	58	212
Middlewood	2011	6	0	0	0	6	4	1	0	3	8
Reddish North	2012	134	15	24	5	178	70	21	16	21	128
Romiley	2012	252	7	38	21	318	136	7	9	45	197
Rose Hill	2012	125	0	0	51	176	102	0	0	20	122
Stockport	2012	768	838	921	540	3067	668	791	959	428	2846
Strines	2012	7	0	0	4	11	3	0	0	1	4
Woodley	2011	66	4	4	2	76	14	4	9	3	30
Woodsmoor	2012	133	50	2	27	212	78	0	4	11	93

## HFAS Report 1731 Transport Statistics Stockport 2012

### **Key Centre Monitoring**

Traffic and rail counts were conducted on a cordon around Stockport in 1997. Since then, Stockport has been surveyed on a three year cycle (2000 and 2003) and from 2003 annually, 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 2003.

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 since 2008, counts of bus passengers crossing the cordon have been conducted.

Map of Cordon worksheet shows the location of survey sites and the key centre boundary.





HFAS Report 1731 Transport Statistics Stockport 2012

Tables 9 to 11 give manual traffic counts at each individual cordon site in October 2012 by time period.

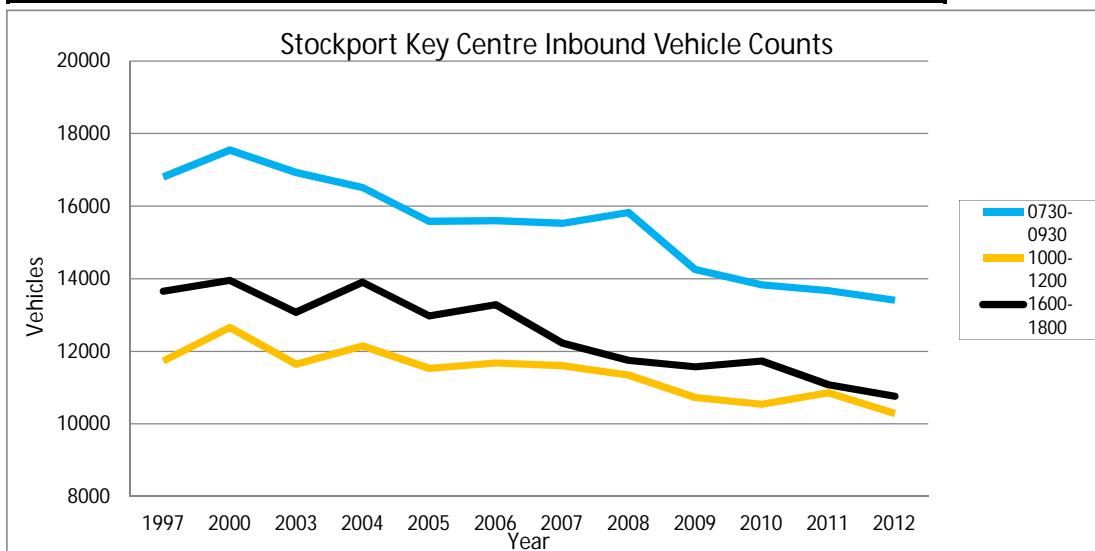
	Site No	Car	LGV	OGV	Bus	Motor Cycle	Pedal Cycle	All Vehicles
A6 Wellington Rd N	85701	1310	141	45	57	13	41	1607
B6167 Lancashire Hill	85702	837	93	41	21	4	10	1006
A560 Gt Portwood St	85703	1040	91	32	38	15	9	1225
C New Bridge Lane	85704	573	51	4	9	4	10	651
C Spring Gardens	85705	1546	184	36	18	12	25	1821
C Hr Hillgate	85706	1099	142	10	2	5	9	1267
A6 Wellington Rd S	85707	1321	178	83	67	26	70	1745
C Greek St	85708	1068	88	39	45	12	16	1268
C Daw Bank	85709	439	64	8	32	7	11	561
C Heaton Ln	85710	1005	106	42	13	6	15	1187
A560 Gt Egerton St	85711	591	103	12	6	2	2	716
U Mersey St	85717	53	18	6	0	0	2	79
U Junction Rd	85721	93	12	0	0	4	7	116
C Chestergate	85723	9	2	0	33	0	6	50
U Marsland St	85724	52	11	2	10	1	1	77
Other pedal cycles							34	34
Sub-Total		11036	1284	360	351	111	268	13410
% Composition		82.3%	9.6%	2.7%	2.6%	0.8%	2.0%	100%

Site	Site No	Car	LGV	OGV	Bus	Motor Cycle	Pedal Cycle	All Vehs
A6 Wellington Rd N	85701	891	126	44	52	4	11	1128
B6167 Lancashire Hill	85702	571	82	18	23	9	3	706
A560 Gt Portwood St	85703	953	83	32	37	2	7	1114
C New Bridge Lane	85704	450	38	7	9	4	4	512
C Spring Gardens	85705	932	123	31	19	4	17	1126
C Hr Hillgate	85706	495	119	7	2	2	2	627
A6 Wellington Rd S	85707	1189	262	136	61	12	14	1674
C Greek St	85708	706	107	47	45	4	7	916
C Daw Bank	85709	274	69	10	27	5	3	388
C Heaton Ln	85710	577	111	61	4	0	2	755
A560 Gt Egerton St	85711	709	83	14	2	8	2	818
U Mersey St	85717	202	19	4	0	0	0	225
U Junction Rd	85721	29	11	0	0	4	2	46
C Chestergate	85723	10	0	0	42	0	0	52
U Marsland St	85724	159	15	0	13	0	2	189
Other pedal cycles							10	10
Sub-Total		8147	1248	411	336	58	86	10286
% Composition		79.2%	12.1%	4.0%	3.3%	0.6%	0.8%	100%

Site	Site No	Car	LGV	OGV	Bus	Motor Cycle	Pedal Cycle	All Vehs
A6 Wellington Rd N	85701	1476	143	5	47	8	59	1738
B6167 Lancashire Hill	85702	878	100	15	26	11	3	1033
A560 Gt Portwood St	85703	727	58	12	39	7	12	855
C New Bridge Lane	85704	235	22	3	8	6	2	276
C Spring Gardens	85705	851	111	12	18	7	8	1007
C Hr Hillgate	85706	533	81	8	1	1	8	632
A6 Wellington Rd S	85707	1261	183	50	75	9	38	1616
C Greek St	85708	911	76	16	48	8	8	1067
C Daw Bank	85709	371	48	2	16	3	5	445
C Heaton Ln	85710	660	62	21	4	5	7	759
A560 Gt Egerton St	85711	718	92	3	2	10	7	832
U Mersey St	85717	100	5	1	0	0	7	113
U Junction Rd	85721	36	10	0	0	1	0	47
C Chestergate	85723	9	1	0	37	1	6	54
U Marsland St	85724	224	20	3	14	2	7	270
Other pedal cycles							16	16
Sub-Total		8990	1012	151	335	79	193	10760
% Composition		83.6%	9.4%	1.4%	3.1%	0.7%	1.8%	100%

Trend in Vehicles Crossing Stockport Key Centre Cordon

Table 12 Trend in Vehicles Crossing Stockport Key Centre Cordon								
Time Period	Year	Cars	LGV	OGV	Buses	M/C	P/C	All
07:30-09:30	1997	14068	1342	717	399	95	181	16802
	2000	14681	1758	430	408	111	160	17548
	2003	14234	1612	447	399	100	136	16928
	2004	13802	1620	452	385	118	133	16510
	2005	12915	1540	409	381	131	198	15574
	2006	12931	1573	398	437	98	157	15594
	2007	12852	1581	385	343	132	228	15521
	2008	12898	1655	528	384	111	245	15821
	2009	11603	1408	415	450	131	251	14258
	2010	11498	1305	289	352	99	290	13833
	2011	11330	1271	347	360	103	265	13676
	2012	11036	1284	360	351	111	268	13410
	2012/1997	0.78	0.96	0.50	0.88	1.17	1.48	0.80
10:00-12:00	1997	9091	1308	826	406	50	55	11736
	2000	9837	1717	607	408	43	44	12656
	2003	9187	1453	546	372	50	38	11646
	2004	9444	1609	656	351	47	41	12148
	2005	8996	1490	503	392	72	77	11530
	2006	9103	1562	502	427	38	45	11677
	2007	9097	1564	435	353	72	82	11603
	2008	8709	1503	591	384	71	83	11341
	2009	8377	1379	486	367	44	70	10723
	2010	8292	1399	362	348	56	81	10538
	2011	8703	1306	418	327	43	62	10859
	2012	8147	1248	411	336	58	86	10286
	2012/1997	0.90	0.95	0.50	0.83	1.16	1.56	0.88
16:00-18:00	1997	11295	1237	467	407	104	141	13651
	2000	11717	1358	265	408	99	104	13951
	2003	11113	1167	217	381	88	105	13071
	2004	11744	1309	273	363	106	107	13902
	2005	10973	1158	193	366	136	152	12978
	2006	11094	1288	234	441	101	125	13283
	2007	10132	1288	162	343	124	181	12230
	2008	9685	1161	210	389	107	196	11748
	2009	9557	1133	196	390	99	194	11569
	2010	9878	1096	125	343	91	202	11735
	2011	9273	1023	178	345	88	169	11076
	2012	8990	1012	151	335	79	193	10760
	2012/1997	0.80	0.82	0.32	0.82	0.76	1.37	0.79



Note Graph excludes years that have not been surveyed

## HFAS Report 1731 Transport Statistics Stockport 2012

### Car Occupancy at Key Centre Cordon Sites (towards Key Centre) October 2012

Table 13 Car Occupancy at Key Centre Cordon Sites (towards Key Centre) October 2012						
Site	07:30-09:30		10:00-12:00		16:00-18:00	
	% Driver Only	Ave Occupancy	% Driver Only	Ave Occupancy	% Driver Only	Ave Occupancy
85701 - A6 Wellington Rd North	75	1.30	66	1.37	75	1.29
85702 - B6167 Lancashire Hill	72	1.33	64	1.42	73	1.34
85703 - A560 Gt Portwood	77	1.26	59	1.49	59	1.56
85704 - U New Bridge Lane	75	1.30	69	1.33	70	1.39
85705 - Spring Gardens	79	1.24	65	1.40	72	1.32
85707 - A6 Wellington Rd South	82	1.20	71	1.33	69	1.37
85708 - Greek St	79	1.24	63	1.42	68	1.42
All Sites	77	1.26	65	1.40	70	1.37

Table 14 Trend in Stockport Key Centre Car Occupancy Rates		
Year	07:30-09:30	
	% Driver Only	Ave Occupancy
2004	78	1.26
2005	78	1.26
2006	81	1.22
2007	80	1.22
2008	80	1.22
2009	78	1.26
2010	78	1.27
2011	77	1.26
2012	77	1.26
Year	10:00-12:00	
	% Driver Only	Ave Occupancy
2004	67	1.38
2005	67	1.38
2006	74	1.31
2007	67	1.38
2008	67	1.37
2009	66	1.41
2010	67	1.40
2011	65	1.40
2012	65	1.40
Year	16:00-18:00	
	% Driver Only	Ave Occupancy
2004	76	1.29
2005	72	1.36
2006	79	1.26
2007	72	1.35
2008	72	1.33
2009	71	1.38
2010	70	1.39
2011	67	1.42
2012	70	1.37

## HFAS Report 1731 Transport Statistics Stockport 2012

Table 15 Rail Passengers Entering Stockport Key Centre 1997, 1998, 2001, 2004 & 2007 - 2012			
Year	07:30-09:30	10:00-12:00	16:00-18:00
1997	836	535	1049
2000	955	410	1032
2003	613	357	691
2004	747	356	997
2005	1030	535	1166
2006	1107	594	1236
2007	1210	459	1415
2008	1203	606	1636
2009	961	461	1140
2010	1262	541	1578
2011	1162	443	1379
2012	1378	722	1703
2012/1997	1.65	1.35	1.62

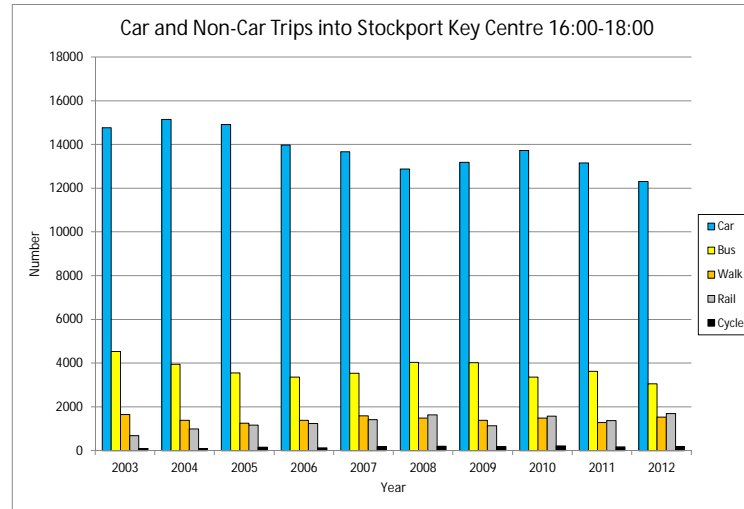
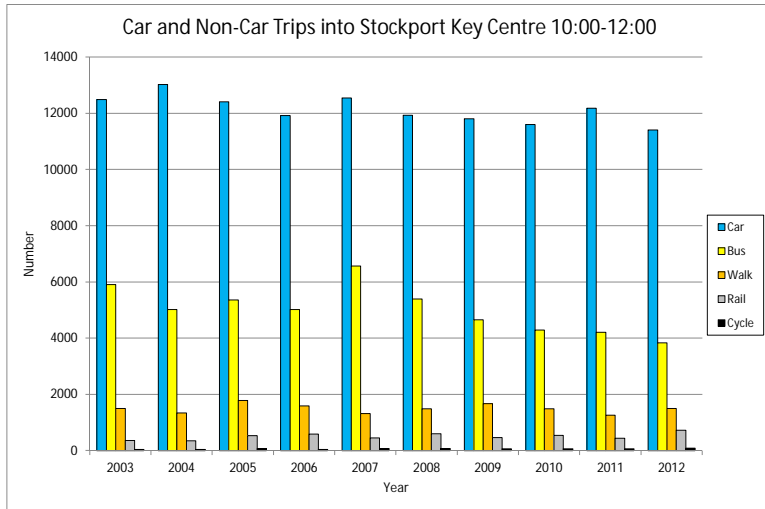
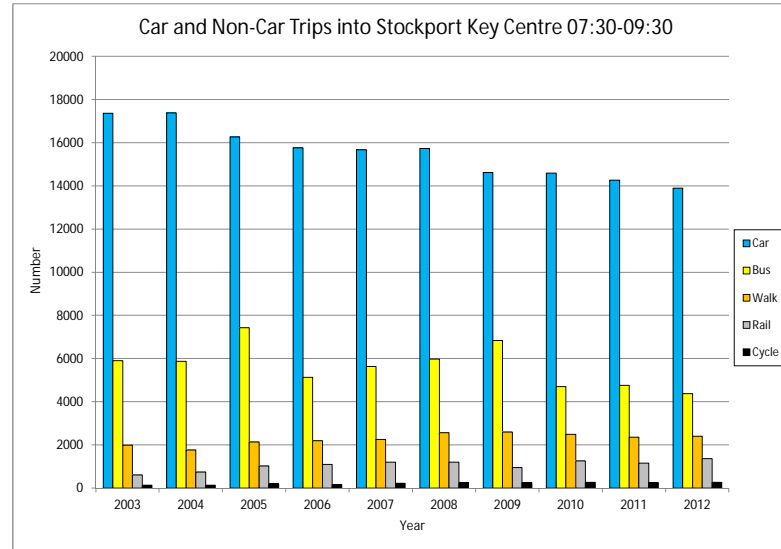
## HFAS Report 1731 Transport Statistics Stockport 2012

Table 16 People Entering Stockport Key Centre on Foot in 2012				
Site No.	Location	07:30-09:30	10:00-12:00	16:00-18:00
85701	A6 Wellington Rd North	178	167	193
85702	B6167 Lancashire Hill	269	171	79
85703	A560 Great Portwood St	31	31	29
85704	New Bridge Lane	46	22	19
85705	Spring Gardens	186	105	61
85706	Higher Hillgate	44	37	38
85707	A6 Wellington Rd South	200	126	168
85708	Greek St	363	113	66
85709	Daw Bank	195	109	158
85710	Heaton Lane	70	42	39
85711	A560 Great Egerton St	15	1	2
85712	Stockport Railway Station	138	70	101
85713	M60 Footbridge to Gt Egerton St	37	22	29
85714	M60 Subway to Howard St	5	4	8
85716	Portwood Roundabout Subway	22	26	25
85717	Mersey St	6	30	32
85718	St Mary's Way Footbridge	137	21	12
85719	Shawcross St	63	20	41
85720	Hindley St	42	15	25
85721	Junction Rd	80	26	27
85722	Footbridge to Thomas St	76	23	26
85723	Chestergate	110	138	208
85724	Marsland St	52	170	127
85727	Upper Brook St*	50	17	17
	Cordon Total	2415	1506	1530

\* new site added in 2012

Table 17 Trend in Pedestrians Entering Stockport Key Centre			
Year	07:30-09:30	10:00-12:00	16:00-18:00
2003	1996	1507	1657
2004	1771	1343	1392
2005	2140	1782	1264
2006	2196	1589	1389
2007	2258	1314	1590
2008	2575	1489	1484
2009	2601	1673	1387
2010	2501	1492	1493
2011	2365	1265	1291
2012	2415	1506	1530
2012/2003	1.21	1.00	0.92

Time Period	Year	Car	Bus	Rail	Cycle	Walk	Total	% Car	% Non-Car
07:30-09:30	2003	17365	5914	613	136	1996	26024	67%	33%
	2004	17391	5885	747	133	1771	25927	67%	33%
	2005	16273	7432	1030	198	2140	27073	60%	40%
	2006	15776	5130	1107	157	2196	24366	65%	35%
	2007	15679	5643	1210	228	2258	25018	63%	37%
	2008	15736	5983	1203	245	2575	25742	61%	39%
	2009	14620	6846	961	251	2601	25279	58%	42%
	2010	14602	4706	1262	269	2501	23340	63%	37%
	2011	14276	4769	1162	265	2365	22837	63%	37%
	2012	13905	4376	1378	268	2415	22342	62%	38%
2012/2003	0.80	0.74	2.25	1.97	1.21	0.86			
10:00-12:00	2003	12494	5904	357	38	1507	20300	62%	38%
	2004	13033	5024	356	41	1343	19797	66%	34%
	2005	12414	5368	535	77	1782	20176	62%	38%
	2006	11925	5020	594	45	1589	19173	62%	38%
	2007	12554	6572	459	82	1314	20981	60%	40%
	2008	11931	5398	606	83	1489	19507	61%	39%
	2009	11812	4651	461	70	1673	18667	63%	37%
	2010	11609	4292	541	71	1492	18005	64%	36%
	2011	12184	4210	443	62	1265	18164	67%	33%
	2012	11406	3840	722	86	1506	17560	65%	35%
2012/2003	0.91	0.65	2.02	2.26	1.00	0.87			
16:00-18:00	2003	14780	4540	691	105	1657	21773	68%	32%
	2004	15150	3953	997	107	1392	21599	70%	30%
	2005	14923	3556	1166	152	1264	21061	71%	29%
	2006	13978	3360	1236	125	1389	20088	70%	30%
	2007	13678	3542	1415	181	1590	20406	67%	33%
	2008	12881	4042	1636	196	1484	20239	64%	36%
	2009	13189	4023	1140	194	1387	19933	66%	34%
	2010	13730	3367	1578	219	1493	20388	67%	33%
	2011	13168	3622	1379	169	1291	19629	67%	33%
	2012	12316	3056	1703	193	1530	18798	66%	34%
2012/2003	0.83	0.67	2.46	1.84	0.92	0.86			



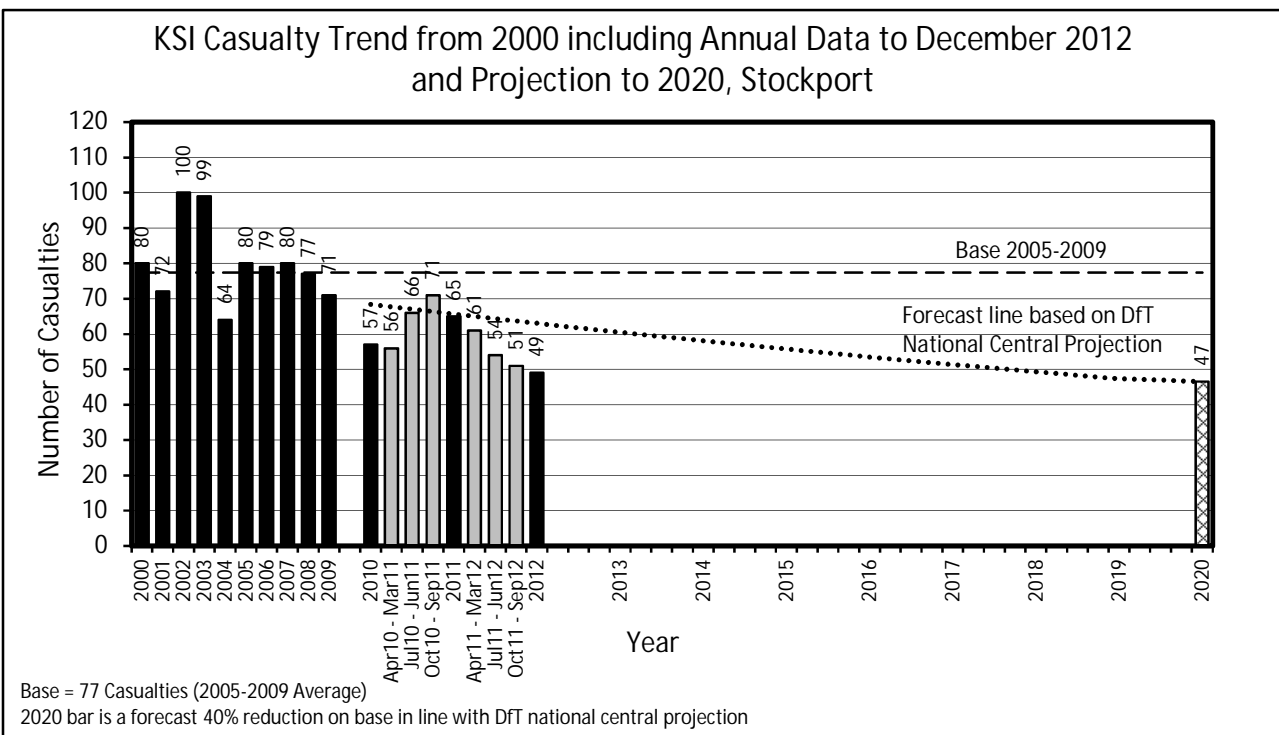
# HFAS Report 1731 Transport Statistics Stockport 2012

## KSI Casualties: Casualty Trend 2000 - December 2012 and Projection to 2020

The LTP3 indicator is a measure of our performance in reducing the number of KSI road traffic casualties compared to the base years (average of 2005 to 2009). The government have projected a 40% reduction by 2020.

Table 19 KSI Casualty Trend 2000 - December 2012 and Projection to 2020				
Year	KSI Casualty Totals		Index	
	Actual	Projection	Actual	Projection
2000	80			
2001	72			
2002	100			
2003	99			
2004	64			
2005	80			
2006	79			
2007	80			
2008	77			
2009	71			
2005-2009 Baseline	77		100	
2010	57	68	74	88
2011	65	66	84	85
2012	49	63	63	81
2013		61		78
2014		58		75
2015		56		72
2016		54		69
2017		51		66
2018		49		64
2019		47		61
2020		47		60

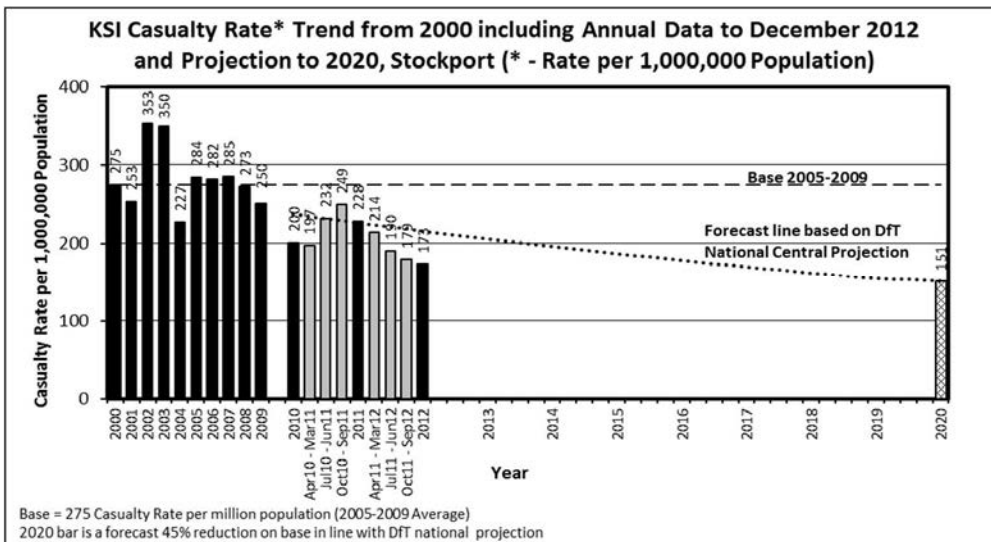
Note: Index is based on 2005-2009 average



KSI Casualty Rate Trend 2000 - December 2012 and Projection to 2020

Table 20 KSI Casualty Rate Trend 2000 - December 2012 and Projection to 2020				
Year	KSI Casualty Totals**		Index	
	Actual	Projection	Actual	Projection
2000	275			
2001	253			
2002	353			
2003	350			
2004	227			
2005	284			
2006	282			
2007	285			
2008	273			
2009	250			
2005-2009 Baseline	275		100	
2010	200	237	73	86
2011	228	226	83	82
2012	173	216	63	78
2013		205		75
2014		196		71
2015		187		68
2016		178		65
2017		170		62
2018		162		59
2019		154		56
2020		151		55

Notes: \*\* - KSI rates per 1,000,000 population. Index is based on 2005-2009 average  
 2010 mid-year population estimate used for 2011  
 2011 mid-year population estimate used for 2012





# HFAS Report 1731 Transport Statistics Stockport 2012

## Congestion

The journey time data presented below has been calculated using data collected from in-vehicle GPS tracking devices from which average vehicle speeds and journey times can be derived. This report presents journey time rates in minutes per mile and speeds in miles per hour

The journey time rates are the sum of the average link times divided by the sum of the link lengths for the set of links and time period under consideration. The link times are the average of observations for the 12-month period running from September to August. All journey time rates are for an average weekday excluding school holidays and bank holidays.

Tables 21 and 22 show respectively average journey time rates and speeds for A and B roads, for 2004/05, 2005/06, 2006/07, 2007/08, 2008/09, 2009/10, 2010/11 and 2011/12. For comparison, the 2011/12 journey time rates and speeds for Greater Manchester are also shown.

Stockport						
Year	0700 - 1000	0800 - 0900	1000 - 1600	1700 - 1800	1600 - 1900	0700 - 1900
2004/05	3.50	4.14	2.94	3.68	3.30	3.27
2005/06	3.66	4.32	3.02	3.75	3.53	3.36
2006/07	3.60	4.26	3.03	3.86	3.56	3.35
2007/08	3.46	4.07	3.00	3.71	3.45	3.25
2008/09	3.34	3.90	2.98	3.69	3.45	3.20
2009/10	3.37	3.93	3.01	3.70	3.47	3.23
2010/11	3.44	4.02	3.00	3.72	3.54	3.25
2011/12	3.34	3.88	2.96	3.67	3.60	3.20
Greater Manchester						
2011/12	3.30	3.73	3.07	3.67	3.46	3.24

Stockport						
Year	0700 - 1000	0800 - 0900	1000 - 1600	1700 - 1800	1600 - 1900	0700 - 1900
2004/05	17	15	20	16	18	18
2005/06	16	14	20	16	17	18
2006/07	17	14	20	16	17	18
2007/08	17	15	20	16	17	18
2008/09	18	15	20	16	17	19
2009/10	18	15	20	16	17	19
2010/11	17	15	20	16	17	18
2011/12	18	15	20	16	17	19
Greater Manchester						
2011/12	18	16	20	16	17	19

