

Appendix O

Trip Rate Benchmarking

Normalised Trip Rates Calculated for Bath Core Strategy Locations

TRICS Rates		AM peak			PM peak		
		In	Out	Two-way	In	Out	Two-way
Private Housing		0.151	0.471	0.622	0.446	0.251	0.697

Revised Rates		Normalisation Factor	AM peak			PM peak		
			In	Out	Two-way	In	Out	Two-way
Weston Slopes		74%	0.112	0.349	0.460	0.330	0.186	0.516
Odd Down		85%	0.128	0.400	0.529	0.379	0.213	0.592
Lansdown		59%	0.089	0.278	0.367	0.263	0.148	0.411
West of Twerton		96%	0.145	0.452	0.597	0.428	0.241	0.669
East of Keynsham		100%	0.151	0.471	0.622	0.446	0.251	0.697
South of Keynsham		94%	0.142	0.443	0.585	0.419	0.236	0.655
West of Keynsham		90%	0.136	0.424	0.560	0.401	0.226	0.627
Uplands		100%	0.151	0.471	0.622	0.446	0.251	0.697
Hicks Gate		90%	0.136	0.424	0.560	0.401	0.226	0.627
Whitchuch		112%	0.169	0.528	0.697	0.500	0.281	0.781

Comparison between Calculated Trip Rates and TRICS Edge of Town Sites

**Trip rates calculated for Bath Core Strategy sites highlighted
85th and 15th percentile highlighted**

TRICS 2013(a)v6.11.1

Trip Rate Parameter: Number of dwellings

Edge of town

RANK ORDER for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

Ranking Type: TOTALS Time Range: 08:00-09:00

Rank	Site Ref	Description	Area	AM Peak Hour		
				Arrivals	Departures	Two-way Trip Rate
1	HI-03-A-13	HOUSING, INVERNESS	HIGHLAND	0.556	0.444	1.000
2	GM-03-A-10	DETACHED/SEMI, MANCHESTER	GREATER MANCHESTER	0.138	0.759	0.897
3	CH-03-A-05	DETACHED, CREWE	CHESHIRE	0.235	0.588	0.823
4	SF-03-A-02	SEMI DET./TERRACED, IPSWICH	SUFFOLK	0.243	0.491	0.734
5	WM-03-A-03	MIXED HOUSING, COVENTRY	WEST MIDLANDS	0.321	0.405	0.726
6	FI-03-A-03	MIXED HOUSES, DUNFERMLINE	FIFE	0.174	0.548	0.722
7	SH-03-A-03	DETACHED, SHREWSBURY	SHROPSHIRE	0.200	0.500	0.700
8	EX-03-A-01	SEMI-DET., STANFORD-LE-HOPE	ESSEX	0.177	0.523	0.700
		Whitchuch				0.697
9	CB-03-A-03	SEMI DETACHED, WORKINGTON	CUMBRIA	0.225	0.450	0.675
10	SF-03-A-03	MIXED HOUSES, BURY ST EDMDS	SUFFOLK	0.109	0.554	0.663
11	LC-03-A-29	DETACHED/SEMI D., BLACKBURN	LANCASHIRE	0.130	0.524	0.654
12	LN-03-A-01	MIXED HOUSES, LINCOLN	LINCOLNSHIRE	0.187	0.440	0.627
		East of Keynsham				0.622
		Uplands				0.622
		West of Twerton				0.597
13	EA-03-A-01	DETACHED, KILMARNOCK	EAST AYRSHIRE	0.231	0.359	0.590
		South of Keynsham				0.585
14	NY-03-A-05	HOUSES AND FLATS, RIPON	NORTH YORKSHIRE	0.113	0.465	0.578
		West of Keynsham				0.560
		Hicks Gate				0.560
15	HI-03-A-11	BUNGALOWS, INVERNESS	HIGHLAND	0.129	0.424	0.553
16	CB-03-A-04	SEMI DETACHED, WORKINGTON	CUMBRIA	0.183	0.366	0.549
17	WO-03-A-06	DET./TERRACED, BROMSGROVE	WORCESTERSHIRE	0.099	0.448	0.547
		Odd Down				0.529
18	CF-03-A-02	MIXED HOUSES, CARDIFF	CARDIFF	0.107	0.413	0.520
19	LC-03-A-22	BUNGALOWS, BLACKPOOL	LANCASHIRE	0.173	0.337	0.510
20	ES-03-A-02	PRIVATE HOUSING, PEACEHAVEN	EAST SUSSEX	0.081	0.405	0.486
21	NY-03-A-07	DETACHED/SEMI, BOROBRIDGE	NORTH YORKSHIRE	0.087	0.391	0.478
22	CH-03-A-02	HOUSES/FLATS, CREWE	CHESHIRE	0.103	0.374	0.477
		Weston Slopes				0.460
23	LE-03-A-01	DETACHED, MELTON MOWBRAY	LEICESTERSHIRE	0.091	0.364	0.455
24	WR-03-A-01	SEMI DETACHED, WREXHAM	WREXHAM	0.085	0.366	0.451
25	WO-03-A-02	SEMI DETACHED, REDDITCH	WORCESTERSHIRE	0.104	0.333	0.437
26	NT-03-A-03	SEMI DETACHED, KIRKBY-IN-ASHFD	NOTTINGHAMSHIRE	0.108	0.313	0.421
27	WL-03-A-01	SEMI D./TERRACED W. BASSETT	WILTSHIRE	0.071	0.333	0.404
		Lansdown				0.367

RESULT: Lansdown rate considered disproportionately low

Comparison between Calculated Trip Rates and TRICS Edge of Town Sites & Suburbs Trip Rates

Trip rates calculated for Bath Core Strategy sites highlighted
85th and 15th percentile highlighted

TRICS 2013(a)v6.11.1

Trip Rate Parameter: Number of dwellings

RANK ORDER for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

Ranking Type: TOTALS Time Range: 08:00-09:00

Rank	Site Ref	Description	Area	Arrivals	Departures	Two-way trip rate
1	PK-03-A-01	DETAC. & BUNGALOWS, PERTH	PERTH & KINROSS	0.861	0.667	1.528
2	WO-03-A-01	DETACHED, BROMSGROVE	WORCESTERSHIRE	0.5	0.6	1.1
3	HI-03-A-13	HOUSING, INVERNESS	HIGHLAND	0.556	0.444	1
4	GM-03-A-10	DETACHED/SEMI, MANCHESTER	GREATER MANCHESTER	0.138	0.759	0.897
5	BD-03-A-02	SEMI DETACHED, LUTON	BEDFORDSHIRE	0.317	0.537	0.854
6	FI-03-A-02	SEMI DETACHED, GLENROTHES	FIFE	0.276	0.569	0.845
7	SR-03-A-01	DETACHED, STIRLING	STIRLING	0.165	0.678	0.843
8	CH-03-A-05	DETACHED, CREWE	CHESHIRE	0.235	0.588	0.823
9	WO-03-A-03	DETACHED, KIDDERMINSTER	WORCESTERSHIRE	0.203	0.543	0.746
10	SH-03-A-04	TERRACED, SHREWSBURY	SHROPSHIRE	0.287	0.454	0.741
11	SF-03-A-02	SEMI DET./TERRACED, IPSWICH	SUFFOLK	0.243	0.491	0.734
12	WM-03-A-03	MIXED HOUSING, COVENTRY	WEST MIDLANDS	0.321	0.405	0.726
13	FI-03-A-03	MIXED HOUSES, DUNFERMLINE	FIFE	0.174	0.548	0.722
14	SH-03-A-03	DETACHED, SHREWSBURY	SHROPSHIRE	0.2	0.5	0.7
15	EX-03-A-01	SEMI-DET., STANFORD-LE-HOPE	ESSEX	0.177	0.523	0.7
		Whitchuch				0.697
16	CB-03-A-03	SEMI DETACHED, WORKINGTON	CUMBRIA	0.225	0.45	0.675
17	SF-03-A-03	MIXED HOUSES, BURY ST EDMDS	SUFFOLK	0.109	0.554	0.663
18	LC-03-A-29	DETACHED/SEMI D., BLACKBURN	LANCASHIRE	0.13	0.524	0.654
19	ST-03-A-05	TERRACED/DETACHED, STOKE	STAFFORDSHIRE	0.143	0.5	0.643
20	CH-03-A-08	DETACHED, CHESTER	CHESHIRE	0.182	0.455	0.637
21	LN-03-A-01	MIXED HOUSES, LINCOLN	LINCOLNSHIRE	0.187	0.44	0.627
		East of Keynsham				0.622
		Uplands				0.622
22	CF-03-A-03	DETACHED, CARDIFF	CARDIFF	0.069	0.552	0.621
23	CW-03-A-01	TERRACED, PENZANCE	CORNWALL	0.385	0.231	0.616
24	CP-03-A-02	SEMI DETACHED, PENGAM	CAERPHILLY	0.195	0.415	0.61
25	LN-03-A-02	MIXED HOUSES, LINCOLN	LINCOLNSHIRE	0.183	0.425	0.608
26	TV-03-A-01	MIXED HOUSES/FLATS, HARTLEPL	TEES VALLEY	0.138	0.458	0.596
		West of Twerton				0.423
27	EA-03-A-01	DETACHED, KILMARNOCK	EAST AYRSHIRE	0.231	0.359	0.59
		South of Keynsham				0.585
28	NY-03-A-05	HOUSES AND FLATS, RIPON	NORTH YORKSHIRE	0.113	0.465	0.578
29	AG-03-A-01	BUNGALOWS/DET., ARBROATH	ANGUS	0.286	0.286	0.572
30	WM-03-A-01	TERRACED, COVENTRY	WEST MIDLANDS	0.152	0.418	0.57
31	BD-03-A-01	SEMI DETACHED, LUTON	BEDFORDSHIRE	0.145	0.42	0.565
		West of Keynsham				0.560
		Hicks Gate				0.560
32	HI-03-A-11	BUNGALOWS, INVERNESS	HIGHLAND	0.129	0.424	0.553
33	CB-03-A-04	SEMI DETACHED, WORKINGTON	CUMBRIA	0.183	0.366	0.549
34	WO-03-A-06	DET./TERRACED, BROMSGROVE	WORCESTERSHIRE	0.099	0.448	0.547
		Odd Down				0.529
35	CF-03-A-02	MIXED HOUSES, CARDIFF	CARDIFF	0.107	0.413	0.52
36	SF-03-A-01	SEMI DETACHED, IPSWICH	SUFFOLK	0.104	0.416	0.52
37	LC-03-A-22	BUNGALOWS, BLACKPOOL	LANCASHIRE	0.173	0.337	0.51
38	NY-03-A-06	BUNGALOWS/SEMI DET., BBDGE	NORTH YORKSHIRE	0.096	0.4	0.496
39	ES-03-A-02	PRIVATE HOUSING,PEACEHAVEN	EAST SUSSEX	0.081	0.405	0.486
40	NY-03-A-07	DETACHED/SEMI, BOROBIDGE	NORTH YORKSHIRE	0.087	0.391	0.478
41	CH-03-A-02	HOUSES/FLATS, CREWE	CHESHIRE	0.103	0.374	0.477
42	DC-03-A-01	DETACHED, POOLE	DORSET	0.098	0.373	0.471
		Weston Slopes				0.460
43	LE-03-A-01	DETACHED, MELTON MOWBRAY	LEICESTERSHIRE	0.091	0.364	0.455
44	WR-03-A-01	SEMI DETACHED, WREXHAM	WREXHAM	0.085	0.366	0.451
45	WO-03-A-02	SEMI DETACHED, REDDITCH	WORCESTERSHIRE	0.104	0.333	0.437
46	CW-03-A-02	SEMI D./DETACHED, TRURO	CORNWALL	0.096	0.329	0.425
47	NT-03-A-03	SEMI DETACHED,KIRKBY-IN-ASHFD	NOTTINGHAMSHIRE	0.108	0.313	0.421
48	LN-03-A-03	SEMI DETACHED, LINCOLN	LINCOLNSHIRE	0.045	0.364	0.409
49	WL-03-A-01	SEMI D./TERRACED W. BASSETT	WILTSHIRE	0.071	0.333	0.404
50	CH-03-A-06	SEMI-DET./BUNGALOWS,CREWE	CHESHIRE	0.163	0.24	0.403
		Lansdown				0.367
51	NY-03-A-01	MIXED HOUSES,NORTHALLERTON	NORTH YORKSHIRE	0.173	0.173	0.346
52	WM-03-A-02	DETACHED/SEMI D., STRBRIDGE	WEST MIDLANDS	0.083	0.25	0.333
53	CA-03-A-04	DETACHED, PETERBOROUGH	CAMBRIDGESHIRE	0	0.333	0.333
54	HI-03-A-14	SEMI-DETACHED, INVERNESS	HIGHLAND	0.096	0.164	0.26
55	AD-03-A-01	SEMI-DETACHED, ABERDEEN	ABERDEEN CITY	0.017	0.085	0.102