

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT

Category : A - OFFICE

VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	ES EAST SUSSEX	1 days
	EX ESSEX	1 days
	HC HAMPSHIRE	3 days
	HF HERTFORDSHIRE	1 days
	KC KENT	4 days
03	SOUTH WEST	
	CW CORNWALL	3 days
	DC DORSET	1 days
04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	2 days
05	EAST MIDLANDS	
	LE LEICESTERSHIRE	1 days
06	WEST MIDLANDS	
	WM WEST MIDLANDS	2 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	WY WEST YORKSHIRE	1 days
08	NORTH WEST	
	LC LANCASHIRE	2 days
09	NORTH	
	CB CUMBRIA	1 days
	TV TEES VALLEY	2 days
	TW TYNE & WEAR	2 days

Filtering Stage 2 selection:

Parameter: Gross floor area

Range: 427 to 175000 (units: sqm)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/01 to 11/12/08

Selected survey days:

Monday	6 days
Tuesday	2 days
Wednesday	3 days
Thursday	14 days
Friday	2 days

Selected survey types:

Manual count	27 days
Directional ATC Count	0 days

Selected Locations:

Edge of Town Centre	12
Suburban Area (PPS6 Out of Centre)	7
Edge of Town	8

Selected Location Sub Categories:

Industrial Zone	1
Commercial Zone	6
Residential Zone	3
Retail Zone	1
Built-Up Zone	10
No Sub Category	6

LIST OF SITES relevant to selection parameters

1	CA-02-A-02	SUGAR HQ, PETERBOROUGH	CAMBRIDGESHIRE
	OUNDLE ROAD		
	PETERBOROUGH		
	Total Gross floor area:	12500 sqm	
	Survey date: THURSDAY	13/05/04	Survey Type: MANUAL
2	CA-02-A-03	OFFICE, PETERBOROUGH	CAMBRIDGESHIRE
	NEW ROAD		
	PETERBOROUGH		
	Total Gross floor area:	5750 sqm	
	Survey date: THURSDAY	08/05/08	Survey Type: MANUAL
3	CB-02-A-01	RADIO STATION, CARLISLE	CUMBRIA
	ANNETWELL STREET		
	CARLISLE		
	Total Gross floor area:	999 sqm	
	Survey date: MONDAY	24/06/02	Survey Type: MANUAL
4	CW-02-A-01	COUNCIL OFFICES, CAMBORNE	CORNWALL
	DOLCOATH AVENUE		
	CAMBORNE		
	Total Gross floor area:	5400 sqm	
	Survey date: MONDAY	04/07/05	Survey Type: MANUAL
5	CW-02-A-02	INLAND REVENUE, ST AUSTELL	CORNWALL
	TRINITY STREET		
	ST AUSTELL		
	Total Gross floor area:	4850 sqm	
	Survey date: FRIDAY	08/06/07	Survey Type: MANUAL
6	CW-02-A-03	COUNCIL OFFICES, TRURO	CORNWALL
	A390 TREYEW ROAD		
	TRURO		
	Total Gross floor area:	30000 sqm	
	Survey date: THURSDAY	07/06/07	Survey Type: MANUAL
7	DC-02-A-08	OFFICE, DORCHESTER	DORSET
	STATION APPROACH		
	DORCHESTER		
	Total Gross floor area:	1550 sqm	
	Survey date: THURSDAY	03/07/08	Survey Type: MANUAL
8	ES-02-A-06	LEGAL & GENERAL, HOVE	EAST SUSSEX
	CITY PARK		
	THE DROVEWAY		
	HOVE		
	Total Gross floor area:	18675 sqm	
	Survey date: THURSDAY	29/11/07	Survey Type: MANUAL
9	EX-02-A-02	TELEPHONE CO., BRENTWOOD	ESSEX
	LONDON ROAD		
	BRENTWOOD		
	Total Gross floor area:	19667 sqm	
	Survey date: THURSDAY	05/04/01	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

10	HC-02-A-08	DIY CO. HQ, CHANDLER'S FORD	HAMPSHIRE
	TEMPLAR'S WAY		
	HAMPSHIRE CORP. PARK		
	CHANDLER'S FORD		
	Total Gross floor area:	15975 sqm	
	Survey date: MONDAY	10/10/05	Survey Type: MANUAL
11	HC-02-A-09	ERICSON, BASINGSTOKE	HAMPSHIRE
	MAPLEWOOD		
	CHINEHAM BUSINESS PARK		
	BASINGSTOKE		
	Total Gross floor area:	9000 sqm	
	Survey date: THURSDAY	22/11/07	Survey Type: MANUAL
12	HC-02-A-10	DIY CO. HQ, CHANDLER'S FORD	HAMPSHIRE
	TEMPLAR'S WAY		
	HAMPSHIRE CORP. PARK		
	CHANDLER'S FORD		
	Total Gross floor area:	15975 sqm	
	Survey date: MONDAY	20/10/08	Survey Type: MANUAL
13	HF-02-A-02	COUNCIL OFFICES, WELWYN GC	HERTFORDSHIRE
	BRIDGE ROAD EAST		
	WELWYN GARDEN CITY		
	Total Gross floor area:	2700 sqm	
	Survey date: THURSDAY	05/09/02	Survey Type: MANUAL
14	KC-02-A-01	COUNTY HALL, MAIDSTONE	KENT
	SANDLING ROAD		
	MAIDSTONE		
	Total Gross floor area:	32793 sqm	
	Survey date: THURSDAY	13/10/05	Survey Type: MANUAL
15	KC-02-A-03	COUNCIL OFFICES, MAIDSTONE	KENT
	SANDLING ROAD		
	MAIDSTONE		
	Total Gross floor area:	2900 sqm	
	Survey date: THURSDAY	16/10/08	Survey Type: MANUAL
16	KC-02-A-04	COUNCIL OFFICES, MAIDSTONE	KENT
	SANDLING ROAD		
	MAIDSTONE		
	Total Gross floor area:	1500 sqm	
	Survey date: THURSDAY	16/10/08	Survey Type: MANUAL
17	KC-02-A-05	COUNTY HALL, MAIDSTONE	KENT
	SANDLING ROAD		
	MAIDSTONE		
	Total Gross floor area:	32793 sqm	
	Survey date: THURSDAY	16/10/08	Survey Type: MANUAL
18	LC-02-A-07	COUNCIL OFFICES, BLACKPOOL	LANCASHIRE
	SOUTH PROMENADE		
	SAINT ANNES		
	BLACKPOOL		
	Total Gross floor area:	6678 sqm	
	Survey date: FRIDAY	13/05/05	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

19	LC-02-A-08	COUNCIL OFFICES, CHORLEY	LANCASHIRE
	UNION STREET		
	CHORLEY		
	Total Gross floor area:	2000 sqm	
	Survey date: TUESDAY	13/06/06	Survey Type: MANUAL
20	LE-02-A-03	COUNCIL OFFICES, M. MOWBRAY	LEICESTERSHIRE
	NOTTINGHAM ROAD		
	MELTON MOWBRAY		
	Total Gross floor area:	3251 sqm	
	Survey date: WEDNESDAY	04/05/05	Survey Type: MANUAL
21	TV-02-A-01	INLAND REVENUE, MIDDLESBRGH	TEES VALLEY
	GRANGE ROAD		
	MIDDLESBROUGH		
	Total Gross floor area:	4100 sqm	
	Survey date: TUESDAY	25/09/01	Survey Type: MANUAL
22	TV-02-A-02	BUILDING SOCIETY, DARLINGTON	TEES VALLEY
	LINGFIELD WAY		
	MORTON PARK		
	DARLINGTON		
	Total Gross floor area:	3500 sqm	
	Survey date: MONDAY	25/04/05	Survey Type: MANUAL
23	TW-02-A-01	RADIO STUDIOS, GATESHEAD	TYNE & WEAR
	CHURCH STREET		
	GATESHEAD		
	Total Gross floor area:	645 sqm	
	Survey date: WEDNESDAY	04/05/05	Survey Type: MANUAL
24	TW-02-A-03	DEVELOP. AGENCY, NEWCASTLE	TYNE & WEAR
	KINGFISHER BOULEVARD		
	LEMINGTON		
	NEWCASTLE UPON TYNE		
	Total Gross floor area:	6480 sqm	
	Survey date: THURSDAY	11/12/08	Survey Type: MANUAL
25	WM-02-A-01	COUNCIL OFFICES, STOURBRIDGE	WEST MIDLANDS
	A451 NORTON ROAD		
	MARY STEVENS PARK		
	STOURBRIDGE		
	Total Gross floor area:	2725 sqm	
	Survey date: WEDNESDAY	26/04/06	Survey Type: MANUAL
26	WM-02-A-02	BRITISH TELECOM, BIRMINGHAM	WEST MIDLANDS
	BRINDLEY PLACE		
	BIRMINGHAM		
	Total Gross floor area:	12200 sqm	
	Survey date: THURSDAY	27/11/08	Survey Type: MANUAL
27	WY-02-A-01	CALL CENTRE, BRADFORD	WEST YORKSHIRE
	FILEY STREET		
	BRADFORD		
	Total Gross floor area:	2400 sqm	
	Survey date: MONDAY	09/05/05	Survey Type: MANUAL

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE

VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30	0	0	0.000	0	0	0.000	0	0	0.000
00:30 - 01:00	0	0	0.000	0	0	0.000	0	0	0.000
01:00 - 01:30	0	0	0.000	0	0	0.000	0	0	0.000
01:30 - 02:00	0	0	0.000	0	0	0.000	0	0	0.000
02:00 - 02:30	0	0	0.000	0	0	0.000	0	0	0.000
02:30 - 03:00	0	0	0.000	0	0	0.000	0	0	0.000
03:00 - 03:30	0	0	0.000	0	0	0.000	0	0	0.000
03:30 - 04:00	0	0	0.000	0	0	0.000	0	0	0.000
04:00 - 04:30	0	0	0.000	0	0	0.000	0	0	0.000
04:30 - 05:00	0	0	0.000	0	0	0.000	0	0	0.000
05:00 - 05:30	0	0	0.000	0	0	0.000	0	0	0.000
05:30 - 06:00	0	0	0.000	0	0	0.000	0	0	0.000
06:00 - 06:30	0	0	0.000	0	0	0.000	0	0	0.000
06:30 - 07:00	0	0	0.000	0	0	0.000	0	0	0.000
07:00 - 07:30	26	9846	0.174	26	9846	0.032	26	9846	0.206
07:30 - 08:00	26	9846	0.462	26	9846	0.054	26	9846	0.516
08:00 - 08:30	26	9846	0.746	26	9846	0.084	26	9846	0.830
08:30 - 09:00	26	9846	0.814	26	9846	0.093	26	9846	0.907
09:00 - 09:30	27	9519	0.522	27	9519	0.106	27	9519	0.628
09:30 - 10:00	27	9519	0.284	27	9519	0.102	27	9519	0.386
10:00 - 10:30	27	9519	0.173	27	9519	0.110	27	9519	0.283
10:30 - 11:00	27	9519	0.152	27	9519	0.118	27	9519	0.270
11:00 - 11:30	27	9519	0.115	27	9519	0.114	27	9519	0.229
11:30 - 12:00	27	9519	0.132	27	9519	0.125	27	9519	0.257
12:00 - 12:30	27	9519	0.121	27	9519	0.218	27	9519	0.339
12:30 - 13:00	27	9519	0.179	27	9519	0.222	27	9519	0.401
13:00 - 13:30	27	9519	0.183	27	9519	0.191	27	9519	0.374
13:30 - 14:00	27	9519	0.196	27	9519	0.151	27	9519	0.347
14:00 - 14:30	27	9519	0.181	27	9519	0.154	27	9519	0.335
14:30 - 15:00	27	9519	0.123	27	9519	0.149	27	9519	0.272
15:00 - 15:30	27	9519	0.117	27	9519	0.176	27	9519	0.293
15:30 - 16:00	27	9519	0.115	27	9519	0.196	27	9519	0.311
16:00 - 16:30	27	9519	0.100	27	9519	0.457	27	9519	0.557
16:30 - 17:00	27	9519	0.098	27	9519	0.496	27	9519	0.594
17:00 - 17:30	26	9846	0.099	26	9846	0.807	26	9846	0.906
17:30 - 18:00	26	9846	0.054	26	9846	0.472	26	9846	0.526
18:00 - 18:30	26	9846	0.035	26	9846	0.257	26	9846	0.292
18:30 - 19:00	26	9846	0.020	26	9846	0.122	26	9846	0.142
19:00 - 19:30	0	0	0.000	0	0	0.000	0	0	0.000
19:30 - 20:00	0	0	0.000	0	0	0.000	0	0	0.000
20:00 - 20:30	0	0	0.000	0	0	0.000	0	0	0.000
20:30 - 21:00	0	0	0.000	0	0	0.000	0	0	0.000
21:00 - 21:30	0	0	0.000	0	0	0.000	0	0	0.000
21:30 - 22:00	0	0	0.000	0	0	0.000	0	0	0.000
22:00 - 22:30	0	0	0.000	0	0	0.000	0	0	0.000
22:30 - 23:00	0	0	0.000	0	0	0.000	0	0	0.000
23:00 - 23:30	0	0	0.000	0	0	0.000	0	0	0.000
23:30 - 24:00	0	0	0.000	0	0	0.000	0	0	0.000
Total Rates:			5.195			5.006			10.201

Parameter summary

Trip rate parameter range selected:	427 - 175000 (units: sqm)
Survey date date range:	01/01/01 - 11/12/08
Number of weekdays (Monday-Friday):	27
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	22

HIGHWAYS AGENCY

SHEPWAY LDF: REVIEW OF FORECAST TRANSPORT MODEL

TECHNICAL NOTE 3

PROJECT: HTT91271A/1671.1

16 SEPTEMBER 2010

1 INTRODUCTION

Thank you for providing us with the opportunity to provide comments on the above named model which shall eventually be used to demonstrate the impact of the Local Development Framework (LDF) on the District's highway network. This technical note follows our previous Technical Notes 1 and 2 dated 14 October 2009 and 18 August 2010 respectively, with both issued previously to the District Council and Scott Wilson.

As you may be aware, the HA, on behalf of the Secretary of State for Transport, is responsible for the management and operation of a safe and efficient Strategic Road Network (SRN, i.e. the motorway and trunk road network) in England as laid down in the Department for Transport (DfT) Circular 02/2007, 'Planning and the Strategic Road Network'. In the case of Shepway, the SRN encompasses the M20 Junctions 11 to 13, the A20 and the A259 trunk roads.

2 COMMENTS

The comments we have relate to the Strategic Site Allocation for the Hawkinge mixed use development which is proposed to be located off Hurricane Way. It is noted that the model currently considers the Hawkinge development to be rather modest in size, consisting of just 300 residential units and a 200m² museum. We have however very recently been consulted on two planning applications (Y10/0738/SH and Y10/0739/SH) in relation to the Hawkinge site, and it is therefore our understanding that the proposed development mix includes:

- B1/B8 business units – 5,800 m²
- B1/B2 offices – 5,940 m²
- Residential apartments – 48
- Retail/commercial units – 1,680 m²
- Retirement village dwellings/flats - 121
- Facilities building – 1,300 m²

The development mix set out above is currently estimated to generate approximately 460 two-way vehicle trips during the morning and evening peak hours, and this is a far greater vehicular impact than your model currently assumes for this site. It is therefore requested that the trip generation included in the model is revised to be consistent with the two submitted planning applications.

Our primary concern with the Hawkinge development is the highway impacts it has on the A20 trunk road, specifically at the A260 Spitfire Road/Canterbury Road/A20 and the A260 Alkham Valley Road/A20 roundabout junctions. These junctions were included in the initial 'potential congestion hotspot locations' work you presented to us at the very beginning of the transport model scoping exercise, and so we were expecting the latest model to include



these junctions. It is however evident that the forecast model and the previous base model (which was incomplete at the time of our review) have not considered these junctions. Given that the Hawkinge development is likely to impact these junctions, we request that they are included.

We recommend that you refer to the submitted Hawkinge Transport Assessment which is in the public domain and can therefore be accessed via the Shepway District Council website, as it considers the combined impacts of the planning applications and includes recent count data for the A20 junctions.

HIGHWAYS AGENCY

SHEPWAY LDF: REVIEW OF DRAFT TRANSPORT MODEL

TECHNICAL NOTE 2

PROJECT: HTT91271A/1647.1

18 AUGUST 2010

1 INTRODUCTION

- 1.1.1 We have been commissioned by the Highways Agency (HA) to undertake a thorough review of the draft Shepway Transport Model, which shall eventually be used to demonstrate the impact of the Local Development Framework (LDF) on the District's highway network. The model was received by PB on 26 July 2010.
- 1.1.2 This technical note follows on from the previous Technical Note 1 dated 7 June 2010, which was issued to Shepway District Council and Scott Wilson on the same date, following review of a model methodology scoping framework.
- 1.1.3 In undertaking our review of the spreadsheet model our primary focus has been the Strategic Road Network (SRN), which in the case of Shepway encompasses the M20 (Junctions 11 to 13) and the A259 trunk road.

2 COMMENTS

- 2.1.1 We appreciate that the model is currently 'work in progress' and that further traffic information still needs to be included. Irrespective of this, we wish to complement you on your efforts as we have failed to identify any major issues concerning the functionality of the model. Note that in reviewing the model we have taken the base traffic data at face value, assuming they have been correctly interpreted from their original sources.
- 2.1.2 The cover email accompanying the model has already highlighted some significant deficiencies which shall need to be addressed. These are set out below:
- Committed development traffic is currently missing and therefore needs to be included (for example the Nickolls Quarry site)
 - Full traffic flow information must be available for the peak hours for the entire SRN study area. For example, M20 Junction 13 morning peak hour traffic flows are currently absent
 - The Folkestone model area is obviously incomplete and therefore needs to be addressed. We are particularly keen for traffic flows at junctions located in close proximity to the SRN to be available, for example, the Linksway and Cherry Garden Lane junctions which are located to the south of M20 Junction 13

- 2.1.3 In addition to the above, we are currently unable to comment upon the appropriateness of the adopted traffic growth factors as we have been unable to replicate them using Temprow. It is therefore assumed that the standard Temprow factors have been manually adjusted, but details of this process have not been provided.
- 2.1.4 We therefore recommend that an additional tab is created in the spreadsheet clearly setting out the methodology/various stages used to calculate the factors, which then can link directly to the factors shown on the 'toggle' tab.
- 2.1.5 Our final comments are less critical, but we consider that they could improve the overall clarity of the model if incorporated. These are as follows:
- Sites 111 and 112 have been based upon traffic data extracted from TRADS database. For completeness it would be useful if the data set out at the bottom of each tab can link to the raw data presented above (the values are currently typed in)
 - It would be helpful if a labelled diagram of each junction could be included alongside the MCC data, so that we can easily associate the survey data with the junction layouts

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 06 - HOTEL, FOOD & DRINK
 Category : G - TAKE-AWAY SHOPS (eg. fish bars etc)

VEHICLES

Selected regions and areas:

05	EAST MIDLANDS	
	NR NORTHAMPTONSHIRE	1 days
06	WEST MIDLANDS	
	WM WEST MIDLANDS	1 days
08	NORTH WEST	
	CH CHESHIRE	2 days

Filtering Stage 2 selection:

Parameter: Gross floor area
 Range: 30 to 100 (units: sqm)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/01 to 28/11/08

Selected survey days:

Wednesday	1 days
Friday	3 days

Selected survey types:

Manual count	4 days
Directional ATC Count	0 days

Selected Locations:

Edge of Town Centre	1
Suburban Area (PPS6 Out of Centre)	1
Neighbourhood Centre (PPS6 Local Centre)	2

Selected Location Sub Categories:

Residential Zone	2
Retail Zone	1
Village	1

LIST OF SITES relevant to selection parameters

1	CH-06-G-01 EARLE STREET	FISH AND CHIPS, CREWE	CHESHIRE
	CREWE		
	Total Gross floor area:	45 sqm	
	Survey date: FRIDAY	17/10/08	Survey Type: MANUAL
2	CH-06-G-02 CREWE ROAD WINTERLEY NEAR CREWE	CHINESE, NR CREWE	CHESHIRE
	Total Gross floor area:	90 sqm	
	Survey date: FRIDAY	28/11/08	Survey Type: MANUAL
3	NR-06-G-01 OCCUPATION ROAD	CHIP SHOP, CORBY	NORTHAMPTONSHIRE
	CORBY		
	Total Gross floor area:	100 sqm	
	Survey date: WEDNESDAY	19/11/08	Survey Type: MANUAL
4	WM-06-G-01 HOLYHEAD ROAD	FISH SALOON, COVENTRY	WEST MIDLANDS
	COVENTRY		
	Total Gross floor area:	65 sqm	
	Survey date: FRIDAY	28/09/07	Survey Type: MANUAL

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/G - TAKE-AWAY SHOPS (eg. fish bars etc)

VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00	0	0	0.000	0	0	0.000	0	0	0.000
01:00 - 02:00	0	0	0.000	0	0	0.000	0	0	0.000
02:00 - 03:00	0	0	0.000	0	0	0.000	0	0	0.000
03:00 - 04:00	0	0	0.000	0	0	0.000	0	0	0.000
04:00 - 05:00	0	0	0.000	0	0	0.000	0	0	0.000
05:00 - 06:00	0	0	0.000	0	0	0.000	0	0	0.000
06:00 - 07:00	0	0	0.000	0	0	0.000	0	0	0.000
07:00 - 08:00	0	0	0.000	0	0	0.000	0	0	0.000
08:00 - 09:00	0	0	0.000	0	0	0.000	0	0	0.000
09:00 - 10:00	0	0	0.000	0	0	0.000	0	0	0.000
10:00 - 11:00	2	55	3.636	2	55	2.727	2	55	6.363
11:00 - 12:00	3	70	6.190	3	70	5.714	3	70	11.904
12:00 - 13:00	3	70	15.714	3	70	15.714	3	70	31.428
13:00 - 14:00	3	70	19.524	3	70	19.524	3	70	39.048
14:00 - 15:00	3	70	1.429	3	70	1.429	3	70	2.858
15:00 - 16:00	3	70	0.476	3	70	1.429	3	70	1.905
16:00 - 17:00	4	75	8.667	4	75	8.667	4	75	17.334
17:00 - 18:00	4	75	17.000	4	75	17.333	4	75	34.333
18:00 - 19:00	4	75	16.667	4	75	16.333	4	75	33.000
19:00 - 20:00	4	75	20.000	4	75	18.667	4	75	38.667
20:00 - 21:00	4	75	14.000	4	75	15.333	4	75	29.333
21:00 - 22:00	4	75	7.333	4	75	7.000	4	75	14.333
22:00 - 23:00	3	85	7.451	3	85	7.451	3	85	14.902
23:00 - 24:00	2	83	0.000	2	83	0.000	2	83	0.000
Total Rates:			138.087			137.321			275.408

Parameter summary

Trip rate parameter range selected:	30 - 100 (units: sqm)
Survey date date range:	01/01/01 - 28/11/08
Number of weekdays (Monday-Friday):	4
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	4

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 04 - EDUCATION

Category : B - SECONDARY

VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	EX ESSEX	1 days
	HC HAMPSHIRE	4 days
	OX OXFORDSHIRE	1 days
	WS WEST SUSSEX	1 days
03	SOUTH WEST	
	DC DORSET	2 days
05	EAST MIDLANDS	
	LE LEICESTERSHIRE	1 days
	LN LINCOLNSHIRE	1 days
	NR NORTHAMPTONSHIRE	2 days
06	WEST MIDLANDS	
	ST STAFFORDSHIRE	1 days
	WM WEST MIDLANDS	1 days
	WO WORCESTERSHIRE	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	KH KINGSTON UPON HULL	1 days
	NY NORTH YORKSHIRE	1 days
	WY WEST YORKSHIRE	1 days
08	NORTH WEST	
	CH CHESHIRE	1 days
09	NORTH	
	CB CUMBRIA	1 days

Filtering Stage 2 selection:

Parameter: Gross floor area
 Range: 4000 to 17500 (units: sqm)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/01 to 20/11/08

Selected survey days:

Monday	1 days
Tuesday	5 days
Wednesday	8 days
Thursday	7 days

Selected survey types:

Manual count	21 days
Directional ATC Count	0 days

Selected Locations:

Edge of Town Centre	2
Suburban Area (PPS6 Out of Centre)	8
Edge of Town	6
Neighbourhood Centre (PPS6 Local Centre)	4
Free Standing (PPS6 Out of Town)	1

Selected Location Sub Categories:

Residential Zone	7
Village	1
Out of Town	1
No Sub Category	12

LIST OF SITES relevant to selection parameters

1	CB-04-B-01 STAINBURN ROAD WORKINGTON Total Gross floor area: 8450 sqm Survey date: TUESDAY 21/06/05	CUMBRIA Survey Type: MANUAL
2	CH-04-B-01 VILLAGE ROAD CHRISTLETON CHESTER Total Gross floor area: 12400 sqm Survey date: WEDNESDAY 15/10/08	CESHIRE Survey Type: MANUAL
3	DC-04-B-03 WESTON ROAD WESTON PORTLAND Total Gross floor area: 7955 sqm Survey date: WEDNESDAY 19/09/01	DORSET Survey Type: MANUAL
4	DC-04-B-04 BRISTOL ROAD SHERBORNE Total Gross floor area: 10272 sqm Survey date: TUESDAY 02/10/01	DORSET Survey Type: MANUAL
5	EX-04-B-01 SHEEPEN ROAD COLCHESTER Total Gross floor area: 9304 sqm Survey date: THURSDAY 29/03/01	ESSEX Survey Type: MANUAL
6	HC-04-B-04 CROYE CLOSE ANDOVER Total Gross floor area: 8224 sqm Survey date: THURSDAY 03/05/01	HAMPSHIRE Survey Type: MANUAL
7	HC-04-B-05 LONDON ROAD HOLYBOURNE ALTON Total Gross floor area: 5600 sqm Survey date: TUESDAY 12/11/02	HAMPSHIRE Survey Type: MANUAL
8	HC-04-B-06 BARTON CROSS HORNDEN WATERLOOVILLE Total Gross floor area: 13882 sqm Survey date: TUESDAY 12/11/02	HAMPSHIRE Survey Type: MANUAL
9	HC-04-B-07 POUND HILL NEW ALRESFORD Total Gross floor area: 8200 sqm Survey date: THURSDAY 14/11/02	HAMPSHIRE Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

10	KH-04-B-01 HYMERS AVENUE HULL Total Gross floor area: 5801 sqm Survey date: MONDAY 15/10/01	PRIVATE COLLEGE, HULL KINGSTON UPON HULL Survey Type: MANUAL
11	LE-04-B-01 BITTESWELL ROAD LUTTERWORTH Total Gross floor area: 13829 sqm Survey date: TUESDAY 30/01/01	GRAMMAR SCH., LUTTERWORTH LEICESTERSHIRE Survey Type: MANUAL
12	LN-04-B-01 WRAGBY ROAD GLEBE LINCOLN Total Gross floor area: 12496 sqm Survey date: THURSDAY 12/09/02	SECONDARY SCHOOL, LINCOLN LINCOLNSHIRE Survey Type: MANUAL
13	NR-04-B-01 BECKETT WAY NORTHAMPTON Total Gross floor area: 6950 sqm Survey date: WEDNESDAY 23/05/07	SECONDARY SCH., N.HAMPTON NORTHAMPTONSHIRE Survey Type: MANUAL
14	NR-04-B-02 NEWPORT PAGNELL ROAD HARDINGSTONE NORTHAMPTON Total Gross floor area: 13900 sqm Survey date: THURSDAY 20/11/08	SECONDARY SCH., N'HAMPTON NORTHAMPTONSHIRE Survey Type: MANUAL
15	NY-04-B-01 LOW WATH ROAD PATELEY BRIDGE NEAR HARROGATE Total Gross floor area: 4200 sqm Survey date: WEDNESDAY 10/09/08	SECONDARY SCH.,NR HARROGATE NORTH YORKSHIRE Survey Type: MANUAL
16	OX-04-B-01 MARSTON FERRY ROAD SUMMERTOWN OXFORD Total Gross floor area: 6040 sqm Survey date: THURSDAY 03/10/02	SECONDARY SCHOOL, OXFORD OXFORDSHIRE Survey Type: MANUAL
17	ST-04-B-01 SANDON ROAD LIGHTWOOD STOKE-ON-TRENT Total Gross floor area: 8970 sqm Survey date: THURSDAY 14/11/02	SECONDARY SCHOOL, STOKE STAFFORDSHIRE Survey Type: MANUAL
18	WM-04-B-02 PHILIPS STREET ASTON BIRMINGHAM Total Gross floor area: 4000 sqm Survey date: WEDNESDAY 26/09/07	SECONDARY SCH., BIRMINGHAM WEST MIDLANDS Survey Type: MANUAL
19	WO-04-B-01 MINSTER ROAD STOURPORT-ON-SEVERN Total Gross floor area: 11875 sqm Survey date: WEDNESDAY 03/05/06	SECONDARY SCH., STOURPORT WORCESTERSHIRE Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

20	WS-04-B-02	SECONDARY SCHOOL, CRAWLEY	WEST SUSSEX
	ASHDOWN DRIVE		
	TILGATE		
	CRAWLEY		
	Total Gross floor area:	12954 sqm	
	Survey date: WEDNESDAY	28/11/07	Survey Type: MANUAL
21	WY-04-B-01	SECONDARY SCHOOL, LEEDS	WEST YORKSHIRE
	ELLERBY ROAD		
	LEEDS		
	Total Gross floor area:	15000 sqm	
	Survey date: WEDNESDAY	26/09/07	Survey Type: MANUAL

TRIP RATE for Land Use 04 - EDUCATION/B - SECONDARY
VEHICLES
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00	0	0	0.000	0	0	0.000	0	0	0.000
01:00 - 02:00	0	0	0.000	0	0	0.000	0	0	0.000
02:00 - 03:00	0	0	0.000	0	0	0.000	0	0	0.000
03:00 - 04:00	0	0	0.000	0	0	0.000	0	0	0.000
04:00 - 05:00	0	0	0.000	0	0	0.000	0	0	0.000
05:00 - 06:00	0	0	0.000	0	0	0.000	0	0	0.000
06:00 - 07:00	0	0	0.000	0	0	0.000	0	0	0.000
07:00 - 08:00	20	9324	0.343	20	9324	0.079	20	9324	0.422
08:00 - 09:00	21	9538	1.862	21	9538	1.255	21	9538	3.117
09:00 - 10:00	21	9538	0.227	21	9538	0.171	21	9538	0.398
10:00 - 11:00	21	9538	0.123	21	9538	0.110	21	9538	0.233
11:00 - 12:00	21	9538	0.143	21	9538	0.135	21	9538	0.278
12:00 - 13:00	21	9538	0.155	21	9538	0.193	21	9538	0.348
13:00 - 14:00	21	9538	0.193	21	9538	0.181	21	9538	0.374
14:00 - 15:00	21	9538	0.214	21	9538	0.246	21	9538	0.460
15:00 - 16:00	21	9538	0.855	21	9538	1.055	21	9538	1.910
16:00 - 17:00	20	9605	0.336	20	9605	0.660	20	9605	0.996
17:00 - 18:00	19	9458	0.220	19	9458	0.366	19	9458	0.586
18:00 - 19:00	19	9458	0.203	19	9458	0.181	19	9458	0.384
19:00 - 20:00	3	13201	0.235	3	13201	0.159	3	13201	0.394
20:00 - 21:00	3	13201	0.109	3	13201	0.184	3	13201	0.293
21:00 - 22:00	3	13201	0.028	3	13201	0.316	3	13201	0.344
22:00 - 23:00	0	0	0.000	0	0	0.000	0	0	0.000
23:00 - 24:00	0	0	0.000	0	0	0.000	0	0	0.000
Total Rates:			5.246			5.291			10.537

Parameter summary

Trip rate parameter range selected:	4000 - 17500 (units: sqm)
Survey date date range:	01/01/01 - 20/11/08
Number of weekdays (Monday-Friday):	21
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	4

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 06 - HOTEL, FOOD & DRINK

Category : B - RESTAURANTS

VEHICLES

Selected regions and areas:

06	WEST MIDLANDS	
	WM WEST MIDLANDS	3 days
08	NORTH WEST	
	GM GREATER MANCHESTER	1 days
	MS MERSEYSIDE	1 days

Filtering Stage 2 selection:

Parameter: Gross floor area
 Range: 150 to 1200 (units: sqm)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/01 to 28/11/08

Selected survey days:

Friday 5 days

Selected survey types:

Manual count 5 days
 Directional ATC Count 0 days

Selected Locations:

Edge of Town Centre 1
 Suburban Area (PPS6 Out of Centre) 1
 Edge of Town 3

Selected Location Sub Categories:

Development Zone 1
 No Sub Category 4

LIST OF SITES relevant to selection parameters

1	GM-06-B-02	T.G.I FRIDAY'S, SALE	GREATER MANCHESTER
	CROSS STREET		
	SALE		
	Total Gross floor area:	615 sqm	
	Survey date: FRIDAY	28/05/04	Survey Type: MANUAL
2	MS-06-B-01	INDIAN RESTAURANT, LIVERPOOL	MERSEYSIDE
	GOWER STREET		
	ALBERT DOCK		
	LIVERPOOL		
	Total Gross floor area:	600 sqm	
	Survey date: FRIDAY	22/06/07	Survey Type: MANUAL
3	WM-06-B-01	JEFFERSONS RES., SOLIHULL	WEST MIDLANDS
	A34 STRATFORD ROAD		
	MONKSPATH		
	SOLIHULL		
	Total Gross floor area:	1200 sqm	
	Survey date: FRIDAY	26/01/01	Survey Type: MANUAL
4	WM-06-B-02	T.G.I. FRIDAY'S, BIRMINGHAM	WEST MIDLANDS
	A456 HAGLEY ROAD		
	EDGBASTON		
	BIRMINGHAM		
	Total Gross floor area:	1000 sqm	
	Survey date: FRIDAY	09/03/01	Survey Type: MANUAL
5	WM-06-B-03	RESTAURANT, SOLIHULL	WEST MIDLANDS
	A34 STRATFORD ROAD		
	SHIRLEY		
	SOLIHULL		
	Total Gross floor area:	680 sqm	
	Survey date: FRIDAY	20/07/01	Survey Type: MANUAL

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/B - RESTAURANTS
VEHICLES
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00	1	1200	0.250	1	1200	1.750	1	1200	2.000
01:00 - 02:00	0	0	0.000	0	0	0.000	0	0	0.000
02:00 - 03:00	0	0	0.000	0	0	0.000	0	0	0.000
03:00 - 04:00	0	0	0.000	0	0	0.000	0	0	0.000
04:00 - 05:00	0	0	0.000	0	0	0.000	0	0	0.000
05:00 - 06:00	0	0	0.000	0	0	0.000	0	0	0.000
06:00 - 07:00	0	0	0.000	0	0	0.000	0	0	0.000
07:00 - 08:00	0	0	0.000	0	0	0.000	0	0	0.000
08:00 - 09:00	0	0	0.000	0	0	0.000	0	0	0.000
09:00 - 10:00	0	0	0.000	0	0	0.000	0	0	0.000
10:00 - 11:00	2	608	0.823	2	608	0.823	2	608	1.646
11:00 - 12:00	5	819	0.635	5	819	0.293	5	819	0.928
12:00 - 13:00	5	819	1.685	5	819	0.586	5	819	2.271
13:00 - 14:00	5	819	1.612	5	819	1.612	5	819	3.224
14:00 - 15:00	5	819	0.977	5	819	1.392	5	819	2.369
15:00 - 16:00	5	819	1.758	5	819	1.612	5	819	3.370
16:00 - 17:00	5	819	1.563	5	819	1.221	5	819	2.784
17:00 - 18:00	5	819	2.491	5	819	1.514	5	819	4.005
18:00 - 19:00	5	819	5.201	5	819	2.369	5	819	7.570
19:00 - 20:00	5	819	4.005	5	819	2.637	5	819	6.642
20:00 - 21:00	5	819	5.031	5	819	4.225	5	819	9.256
21:00 - 22:00	5	819	3.101	5	819	4.151	5	819	7.252
22:00 - 23:00	5	819	1.026	5	819	3.932	5	819	4.958
23:00 - 24:00	5	819	0.635	5	819	3.175	5	819	3.810
Total Rates:			30.793			31.292			62.085

Parameter summary

Trip rate parameter range selected:
Survey date date range:
Number of weekdays (Monday-Friday):
Number of Saturdays:
Number of Sundays:
Surveys manually removed from selection:

150 - 1200 (units: sqm)
01/01/01 - 28/11/08
5
0
0
10

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 04 - EDUCATION

Category : A - PRIMARY

VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	HC HAMPSHIRE	1 days
03	SOUTH WEST	
	DV DEVON	1 days
04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	1 days
	SF SUFFOLK	2 days
05	EAST MIDLANDS	
	NR NORTHAMPTONSHIRE	2 days
	NT NOTTINGHAMSHIRE	1 days
06	WEST MIDLANDS	
	WO WORCESTERSHIRE	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	2 days
08	NORTH WEST	
	MS MERSEYSIDE	1 days

Filtering Stage 2 selection:

Parameter: Gross floor area

Range: 677 to 4000 (units: sqm)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/01 to 26/11/08

Selected survey days:

Monday	2 days
Tuesday	3 days
Wednesday	3 days
Thursday	2 days
Friday	2 days

Selected survey types:

Manual count	12 days
Directional ATC Count	0 days

Selected Locations:

Suburban Area (PPS6 Out of Centre)	6
Edge of Town	4
Neighbourhood Centre (PPS6 Local Centre)	2

Selected Location Sub Categories:

Residential Zone	8
Village	2
No Sub Category	2

LIST OF SITES relevant to selection parameters

1	CA-04-A-01	PRIMARY SCHOOL, ST NEOTS LONGSANDS ROAD	CAMBRIDGESHIRE
		ST NEOTS Total Gross floor area: 2375 sqm Survey date: THURSDAY 06/03/03	Survey Type: MANUAL
2	DV-04-A-03	PRIMARY SCHOOL, PLYMOUTH ARDEN GROVE PENNYCROSS PLYMOUTH	DEVON
		Total Gross floor area: 1245 sqm Survey date: FRIDAY 08/07/05	Survey Type: MANUAL
3	HC-04-A-04	PRIMARY SCHOOL, WINCHESTER AUSTEN AVENUE	HAMPSHIRE
		WINCHESTER Total Gross floor area: 1450 sqm Survey date: TUESDAY 20/11/07	Survey Type: MANUAL
4	MS-04-A-01	RC PRIMARY SCHOOL, ST HELENS DERWENT ROAD	MERSEYSIDE
		ST HELENS Total Gross floor area: 1260 sqm Survey date: THURSDAY 05/10/06	Survey Type: MANUAL
5	NR-04-A-01	PRIMARY SCH., NORTHAMPTON GRANGE ROAD EASTFIELD PARK NORTHAMPTON	NORTHAMPTONSHIRE
		Total Gross floor area: 2106 sqm Survey date: WEDNESDAY 23/05/07	Survey Type: MANUAL
6	NR-04-A-02	PRIMARY SCHOOL, N'HAMTON DAYRELL ROAD	NORTHAMPTONSHIRE
		NORTHAMPTON Total Gross floor area: 1800 sqm Survey date: WEDNESDAY 26/11/08	Survey Type: MANUAL
7	NT-04-A-01	PRIMARY SCHOOL, NR MANSFIELD SCHOOL LANE CUCKNEY NEAR MANSFIELD	NOTTINGHAMSHIRE
		Total Gross floor area: 1000 sqm Survey date: MONDAY 19/06/06	Survey Type: MANUAL
8	NY-04-A-01	PRIMARY SCHOOL, TADCASTER GRANGE AVENUE	NORTH YORKSHIRE
		TADCASTER Total Gross floor area: 913 sqm Survey date: TUESDAY 10/05/05	Survey Type: MANUAL
9	NY-04-A-03	PRIMARY SCHOOL, NR. SALT BURN DAVISON STREET LINGDALE NR. SALT BURN-BY-THE-SEA	NORTH YORKSHIRE
		Total Gross floor area: 1400 sqm Survey date: TUESDAY 11/09/07	Survey Type: MANUAL
10	SF-04-A-01	PRIMARY SCHOOL, IPSWICH BELL LANE KESGRAVE IPSWICH	SUFFOLK
		Total Gross floor area: 2750 sqm Survey date: FRIDAY 10/10/03	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

- | | | | |
|----|---|---------------------------|---------------------|
| 11 | SF-04-A-02
SIDE GATE LANE | PRIMARY SCHOOL, IPSWICH | SUFFOLK |
| | IPSWICH
Total Gross floor area: 4000 sqm
Survey date: WEDNESDAY 21/05/08 | | |
| | | | Survey Type: MANUAL |
| 12 | WO-04-A-01
ST PETERS CHURCH LANE | PRIMARY SCHOOL, DROITWICH | WORCESTERSHIRE |
| | DROITWICH SPA
Total Gross floor area: 1900 sqm
Survey date: MONDAY 13/06/05 | | |
| | | | Survey Type: MANUAL |

TRIP RATE for Land Use 04 - EDUCATION/A - PRIMARY
VEHICLES
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00	0	0	0.000	0	0	0.000	0	0	0.000
01:00 - 02:00	0	0	0.000	0	0	0.000	0	0	0.000
02:00 - 03:00	0	0	0.000	0	0	0.000	0	0	0.000
03:00 - 04:00	0	0	0.000	0	0	0.000	0	0	0.000
04:00 - 05:00	0	0	0.000	0	0	0.000	0	0	0.000
05:00 - 06:00	0	0	0.000	0	0	0.000	0	0	0.000
06:00 - 07:00	0	0	0.000	0	0	0.000	0	0	0.000
07:00 - 08:00	12	1850	0.423	12	1850	0.140	12	1850	0.563
08:00 - 09:00	12	1850	4.915	12	1850	3.491	12	1850	8.406
09:00 - 10:00	12	1850	0.333	12	1850	0.734	12	1850	1.067
10:00 - 11:00	12	1850	0.221	12	1850	0.221	12	1850	0.442
11:00 - 12:00	12	1850	0.450	12	1850	0.315	12	1850	0.765
12:00 - 13:00	12	1850	0.441	12	1850	0.626	12	1850	1.067
13:00 - 14:00	12	1850	0.338	12	1850	0.378	12	1850	0.716
14:00 - 15:00	12	1850	0.613	12	1850	0.207	12	1850	0.820
15:00 - 16:00	12	1850	3.077	12	1850	3.739	12	1850	6.816
16:00 - 17:00	12	1850	0.541	12	1850	1.045	12	1850	1.586
17:00 - 18:00	12	1850	0.279	12	1850	0.545	12	1850	0.824
18:00 - 19:00	8	1754	0.285	8	1754	0.249	8	1754	0.534
19:00 - 20:00	0	0	0.000	0	0	0.000	0	0	0.000
20:00 - 21:00	0	0	0.000	0	0	0.000	0	0	0.000
21:00 - 22:00	0	0	0.000	0	0	0.000	0	0	0.000
22:00 - 23:00	0	0	0.000	0	0	0.000	0	0	0.000
23:00 - 24:00	0	0	0.000	0	0	0.000	0	0	0.000
Total Rates:			11.916			11.690			23.606

Parameter summary

Trip rate parameter range selected:
Survey date date range:
Number of weekdays (Monday-Friday):
Number of Saturdays:
Number of Sundays:
Surveys manually removed from selection:

677 - 4000 (units: sqm)
01/01/01 - 26/11/08
12
0
0
7

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 01 - RETAIL
 Category : I - SHOPPING CENTRE - LOCAL SHOPS
 VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	EX ESSEX	1 days
	HC HAMPSHIRE	1 days
	WS WEST SUSSEX	1 days
03	SOUTH WEST	
	DC DORSET	1 days
	SG SOUTH GLOUCESTERSHIRE	1 days
05	EAST MIDLANDS	
	DS DERBYSHIRE	1 days
	NR NORTHAMPTONSHIRE	1 days
06	WEST MIDLANDS	
	WM WEST MIDLANDS	2 days
	WO WORCESTERSHIRE	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	1 days
08	NORTH WEST	
	CH CHESHIRE	1 days
	MS MERSEYSIDE	1 days
09	NORTH	
	TW TYNE & WEAR	1 days

Filtering Stage 2 selection:

Parameter: Gross floor area
 Range: 210 to 84009 (units: sqm)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/01 to 19/11/08

Selected survey days:

Tuesday	4 days
Wednesday	3 days
Thursday	2 days
Friday	5 days

Selected survey types:

Manual count	14 days
Directional ATC Count	0 days

Selected Locations:

Suburban Area (PPS6 Out of Centre)	3
Edge of Town	2
Neighbourhood Centre (PPS6 Local Centre)	9

Selected Location Sub Categories:

Commercial Zone	1
Residential Zone	13

LIST OF SITES relevant to selection parameters

1	CH-01-I-01 CHRISTLETON ROAD CHESTER Total Gross floor area: 210 sqm Survey date: FRIDAY 17/10/08	CHESHIRE Survey Type: MANUAL
2	DC-01-I-03 MARLOW DRIVE ST CATHERINES HILL CHRISTCHURCH Total Gross floor area: 906 sqm Survey date: FRIDAY 18/05/01	DORSET Survey Type: MANUAL
3	DS-01-I-01 STONELOW ROAD HOLMESDALE DRONFIELD Total Gross floor area: 1130 sqm Survey date: WEDNESDAY 21/06/06	DERBYSHIRE Survey Type: MANUAL
4	EX-01-I-01 PYRLES LANE LOUGHTON Total Gross floor area: 650 sqm Survey date: THURSDAY 22/11/07	ESSEX Survey Type: MANUAL
5	HC-01-I-02 OLIVER'S BATTERY ROAD S. OLIVERS BATTERY WINCHESTER Total Gross floor area: 1605 sqm Survey date: TUESDAY 20/11/07	HAMPSHIRE Survey Type: MANUAL
6	MS-01-I-01 HUNTS CROSS AVENUE LIVERPOOL Total Gross floor area: 1890 sqm Survey date: TUESDAY 18/10/05	MERSEYSIDE Survey Type: MANUAL
7	NR-01-I-01 OCCUPATION ROAD CORBY Total Gross floor area: 755 sqm Survey date: WEDNESDAY 19/11/08	NORTHAMPTONSHIRE Survey Type: MANUAL
8	NY-01-I-01 NEWLANDS PARK DRIVE SCARBOROUGH Total Gross floor area: 1200 sqm Survey date: FRIDAY 28/09/07	NORTH YORKSHIRE Survey Type: MANUAL
9	SG-01-I-01 BURLEY GROVE KINGSWOOD BRISTOL Total Gross floor area: 240 sqm Survey date: FRIDAY 06/10/06	SOUTH GLOUCESTERSHIRE Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

10	TW-01-I-01	LOCAL SHOPS, NORTH SHIELDS	TYNE & WEAR
	FARRINGDON ROAD		
	MARDEN		
	NORTH SHIELDS		
	Total Gross floor area:	850 sqm	
	Survey date: TUESDAY	17/10/06	Survey Type: MANUAL
11	WM-01-I-01	LOCAL SHOPS, COVENTRY	WEST MIDLANDS
	HOLYHEAD ROAD		
	COVENTRY		
	Total Gross floor area:	1550 sqm	
	Survey date: THURSDAY	27/09/07	Survey Type: MANUAL
12	WM-01-I-02	LOCAL SHOPS, SOLIHULL	WEST MIDLANDS
	MARSHALL LAKE ROAD		
	SHIRLEY		
	SOLIHULL		
	Total Gross floor area:	515 sqm	
	Survey date: TUESDAY	18/09/07	Survey Type: MANUAL
13	WO-01-I-01	LOCAL SHOPS, WORCESTER	WORCESTERSHIRE
	AMBLESIDE DRIVE		
	WARNDON		
	WORCESTER		
	Total Gross floor area:	599 sqm	
	Survey date: FRIDAY	15/03/02	Survey Type: MANUAL
14	WS-01-I-01	LOCAL SHOPS, CRAWLEY	WEST SUSSEX
	TILGATE PARADE		
	TILGATE		
	CRAWLEY		
	Total Gross floor area:	2461 sqm	
	Survey date: WEDNESDAY	17/10/01	Survey Type: MANUAL

TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS
VEHICLES
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00	0	0	0.000	0	0	0.000	0	0	0.000
01:00 - 02:00	0	0	0.000	0	0	0.000	0	0	0.000
02:00 - 03:00	0	0	0.000	0	0	0.000	0	0	0.000
03:00 - 04:00	0	0	0.000	0	0	0.000	0	0	0.000
04:00 - 05:00	0	0	0.000	0	0	0.000	0	0	0.000
05:00 - 06:00	0	0	0.000	0	0	0.000	0	0	0.000
06:00 - 07:00	0	0	0.000	0	0	0.000	0	0	0.000
07:00 - 08:00	14	1040	3.709	14	1040	3.351	14	1040	7.060
08:00 - 09:00	14	1040	5.144	14	1040	4.828	14	1040	9.972
09:00 - 10:00	14	1040	5.625	14	1040	5.185	14	1040	10.810
10:00 - 11:00	14	1040	5.501	14	1040	5.583	14	1040	11.084
11:00 - 12:00	14	1040	5.501	14	1040	5.391	14	1040	10.892
12:00 - 13:00	14	1040	6.511	14	1040	6.428	14	1040	12.939
13:00 - 14:00	14	1040	5.508	14	1040	5.700	14	1040	11.208
14:00 - 15:00	14	1040	5.439	14	1040	5.535	14	1040	10.974
15:00 - 16:00	14	1040	5.645	14	1040	5.659	14	1040	11.304
16:00 - 17:00	14	1040	5.954	14	1040	6.016	14	1040	11.970
17:00 - 18:00	14	1040	6.112	14	1040	6.401	14	1040	12.513
18:00 - 19:00	14	1040	5.487	14	1040	5.508	14	1040	10.995
19:00 - 20:00	12	958	3.035	12	958	3.374	12	958	6.409
20:00 - 21:00	8	960	1.707	8	960	1.889	8	960	3.596
21:00 - 22:00	0	0	0.000	0	0	0.000	0	0	0.000
22:00 - 23:00	0	0	0.000	0	0	0.000	0	0	0.000
23:00 - 24:00	0	0	0.000	0	0	0.000	0	0	0.000
Total Rates:			70.878			70.848			141.726

Parameter summary

Trip rate parameter range selected:	210 - 84009 (units: sqm)
Survey date date range:	01/01/01 - 19/11/08
Number of weekdays (Monday-Friday):	14
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	2

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 07 - LEISURE
 Category : C - LEISURE CENTRE
 VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	HC HAMPSHIRE	1 days
	WS WEST SUSSEX	1 days
03	SOUTH WEST	
	CW CORNWALL	1 days
	DC DORSET	1 days
	GS GLOUCESTERSHIRE	1 days
05	EAST MIDLANDS	
	LN LINCOLNSHIRE	1 days
06	WEST MIDLANDS	
	WM WEST MIDLANDS	1 days
	WO WORCESTERSHIRE	1 days
08	NORTH WEST	
	GM GREATER MANCHESTER	1 days
	MS MERSEYSIDE	2 days
09	NORTH	
	CB CUMBRIA	1 days

Filtering Stage 2 selection:

Parameter: Site area
 Range: 0.40 to 22.30 (units: hect)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/01 to 16/10/08

Selected survey days:

Monday	4 days
Tuesday	1 days
Wednesday	4 days
Thursday	2 days
Friday	1 days

Selected survey types:

Manual count	12 days
Directional ATC Count	0 days

Selected Locations:

Edge of Town Centre	2
Suburban Area (PPS6 Out of Centre)	4
Edge of Town	6

Selected Location Sub Categories:

Residential Zone	4
Built-Up Zone	2
No Sub Category	6

LIST OF SITES relevant to selection parameters

1	CB-07-C-01	LEISURE CENTRE, WORKINGTON NEWLANDS LANE SOUTH MOORCLOSE WORKINGTON Total Site area: 2.30 hect Survey date: WEDNESDAY 22/06/05	CUMBRIA	Survey Type: MANUAL
2	CW-07-C-01	LEISURE CENTRE, ST AUSTELL CARLYON ROAD ST AUSTELL Total Site area: 0.55 hect Survey date: WEDNESDAY 19/09/07	CORNWALL	Survey Type: MANUAL
3	DC-07-C-06	LEISURE CEN., BLANDFORD MILLDOWN ROAD BLANDFORD FORUM Total Site area: 3.50 hect Survey date: MONDAY 07/07/08	DORSET	Survey Type: MANUAL
4	GM-07-C-04	LEISURE CENTRE, SALE BROAD ROAD SALE Total Site area: 0.60 hect Survey date: TUESDAY 25/05/04	GREATER MANCHESTER	Survey Type: MANUAL
5	GS-07-C-01	LEISURE CENTRE, GLOUCESTER BRUTON WAY GLOUCESTER Total Site area: 0.83 hect Survey date: MONDAY 24/05/04	GLOUCESTERSHIRE	Survey Type: MANUAL
6	HC-07-C-06	LEISURE CENTRE, SOUTHAMPTON WESTON LANE WESTON SOUTHAMPTON Total Site area: 2.06 hect Survey date: MONDAY 19/11/07	HAMPSHIRE	Survey Type: MANUAL
7	LN-07-C-01	LEISURE CENTRE, LINCOLN BIRCHWOOD AVENUE BIRCHWOOD LINCOLN Total Site area: 5.00 hect Survey date: MONDAY 14/05/07	LINCOLNSHIRE	Survey Type: MANUAL
8	MS-07-C-01	LEISURE CENTRE, HUYTON ROBY ROAD HUYTON-WITH-ROBY Total Site area: 1.08 hect Survey date: THURSDAY 20/10/05	MERSEYSIDE	Survey Type: MANUAL
9	MS-07-C-02	LEISURE CENTRE, LIVERPOOL BAILEYS LANE HALEWOOD LIVERPOOL Total Site area: 1.50 hect Survey date: WEDNESDAY 27/06/07	MERSEYSIDE	Survey Type: MANUAL
10	WM-07-C-01	LEISURE CENTRE, COVENTRY LIVINGSTONE ROAD COVENTRY Total Site area: 0.40 hect Survey date: THURSDAY 02/02/06	WEST MIDLANDS	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

11	WO-07-C-02	LEISURE CENTRE, DROITWICH	WORCESTERSHIRE
		BRIAR MILL	
		WYCHAVON	
		DROITWICH SPA	
		Total Site area:	4.50 hect
		Survey date: FRIDAY	01/07/05
12	WS-07-C-04	LEISURE CENTRE, CRAWLEY	WEST SUSSEX
		PEASE POTTAGE HILL	
		TILGATE	
		CRAWLEY	
		Total Site area:	6.90 hect
		Survey date: WEDNESDAY	28/11/07
			Survey Type: MANUAL

TRIP RATE for Land Use 07 - LEISURE/C - LEISURE CENTRE
VEHICLES
Calculation factor: 1 hect
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. AREA	Trip Rate	No. Days	Ave. AREA	Trip Rate	No. Days	Ave. AREA	Trip Rate
00:00 - 01:00	0	0.00	0.000	0	0.00	0.000	0	0.00	0.000
01:00 - 02:00	0	0.00	0.000	0	0.00	0.000	0	0.00	0.000
02:00 - 03:00	0	0.00	0.000	0	0.00	0.000	0	0.00	0.000
03:00 - 04:00	0	0.00	0.000	0	0.00	0.000	0	0.00	0.000
04:00 - 05:00	0	0.00	0.000	0	0.00	0.000	0	0.00	0.000
05:00 - 06:00	0	0.00	0.000	0	0.00	0.000	0	0.00	0.000
06:00 - 07:00	3	3.97	4.538	3	3.97	0.336	3	3.97	4.874
07:00 - 08:00	10	2.38	13.182	10	2.38	4.114	10	2.38	17.296
08:00 - 09:00	10	2.38	14.358	10	2.38	11.545	10	2.38	25.903
09:00 - 10:00	10	2.38	20.991	10	2.38	10.831	10	2.38	31.822
10:00 - 11:00	12	2.44	11.875	12	2.44	11.841	12	2.44	23.716
11:00 - 12:00	12	2.44	10.130	12	2.44	12.697	12	2.44	22.827
12:00 - 13:00	12	2.44	11.362	12	2.44	10.849	12	2.44	22.211
13:00 - 14:00	12	2.44	13.415	12	2.44	13.210	12	2.44	26.625
14:00 - 15:00	12	2.44	10.746	12	2.44	12.183	12	2.44	22.929
15:00 - 16:00	12	2.44	17.967	12	2.44	13.997	12	2.44	31.964
16:00 - 17:00	12	2.44	24.093	12	2.44	18.207	12	2.44	42.300
17:00 - 18:00	12	2.44	36.516	12	2.44	26.420	12	2.44	62.936
18:00 - 19:00	12	2.44	40.075	12	2.44	33.402	12	2.44	73.477
19:00 - 20:00	12	2.44	35.147	12	2.44	37.714	12	2.44	72.861
20:00 - 21:00	12	2.44	16.153	12	2.44	32.341	12	2.44	48.494
21:00 - 22:00	12	2.44	3.867	12	2.44	22.724	12	2.44	26.591
22:00 - 23:00	0	0.00	0.000	0	0.00	0.000	0	0.00	0.000
23:00 - 24:00	0	0.00	0.000	0	0.00	0.000	0	0.00	0.000
Total Rates:			284.415			272.411			556.826

Parameter summary

Trip rate parameter range selected:	0.40 to 22.30 (units: hect)
Survey date date range:	01/01/01 - 16/10/08
Number of weekdays (Monday-Friday):	12
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	6

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 06 - HOTEL, FOOD & DRINK

Category : A - HOTELS

VEHICLES

Selected regions and areas:

01	GREATER LONDON	
	HD HILLINGDON	1 days
02	SOUTH EAST	
	HC HAMPSHIRE	1 days
	HF HERTFORDSHIRE	3 days
	KC KENT	1 days
	SC SURREY	1 days
	WS WEST SUSSEX	1 days
03	SOUTH WEST	
	DC DORSET	1 days
	DV DEVON	1 days
04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	2 days
	NF NORFOLK	1 days
05	EAST MIDLANDS	
	DS DERBYSHIRE	1 days
	NT NOTTINGHAMSHIRE	1 days
06	WEST MIDLANDS	
	WM WEST MIDLANDS	2 days
	WO WORCESTERSHIRE	3 days
08	NORTH WEST	
	CH CHESHIRE	1 days
	GM GREATER MANCHESTER	2 days
09	NORTH	
	TV TEES VALLEY	1 days
	TW TYNE & WEAR	1 days

Filtering Stage 2 selection:

Parameter: Gross floor area
Range: 926 to 11747 (units: sqm)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/01 to 25/11/08

Selected survey days:

Monday	1 days
Tuesday	5 days
Wednesday	10 days
Thursday	7 days
Friday	2 days

Selected survey types:

Manual count	25 days
Directional ATC Count	0 days

Selected Locations:

Edge of Town Centre	7
Suburban Area (PPS6 Out of Centre)	10
Edge of Town	3
Neighbourhood Centre (PPS6 Local Centre)	2
Free Standing (PPS6 Out of Town)	3

Selected Location Sub Categories:

Development Zone	2
Residential Zone	1
Retail Zone	1
Built-Up Zone	1
Village	1
Out of Town	1
No Sub Category	18

LIST OF SITES relevant to selection parameters

1	CA-06-A-01	HOTEL, CAMBRIDGE	CAMBRIDGESHIRE
	REGENCY STREET		
	CAMBRIDGE		
	Total Gross floor area:	8100 sqm	
	Survey date: TUESDAY	10/09/02	Survey Type: MANUAL
2	CA-06-A-02	HOTEL, CAMBRIDGE	CAMBRIDGESHIRE
	GONVILLE PLACE		
	CAMBRIDGE		
	Total Gross floor area:	5350 sqm	
	Survey date: THURSDAY	13/05/04	Survey Type: MANUAL
3	CH-06-A-01	RAMADA JARVIS, CHESTER	CHESHIRE
	WHITCHURCH ROAD		
	CHRISTLETON		
	CHESTER		
	Total Gross floor area:	6000 sqm	
	Survey date: WEDNESDAY	15/10/08	Survey Type: MANUAL
4	DC-06-A-03	HOTEL, NEAR WAREHAM	DORSET
	EAST STOKE		
	BINNEGAR		
	NEAR WAREHAM		
	Total Gross floor area:	1600 sqm	
	Survey date: WEDNESDAY	11/09/02	Survey Type: MANUAL
5	DS-06-A-01	DAYS INN, DERBY	DERBYSHIRE
	SIR FRANK WHITTLE RD		
	DERBY		
	Total Gross floor area:	5304 sqm	
	Survey date: WEDNESDAY	23/06/04	Survey Type: MANUAL
6	DV-06-A-01	PREMIER TRAVEL INN, PLYMOUTH	DEVON
	SUTTON ROAD		
	SUTTON HARBOUR		
	PLYMOUTH		
	Total Gross floor area:	3420 sqm	
	Survey date: THURSDAY	07/07/05	Survey Type: MANUAL
7	GM-06-A-06	PREMIER LODGE, URMSTON	GREATER MANCHESTER
	TRAFFORD BOULEVARD		
	URMSTON		
	Total Gross floor area:	2475 sqm	
	Survey date: MONDAY	07/06/04	Survey Type: MANUAL
8	GM-06-A-07	TRAVELODGE, MANCHESTER	GREATER MANCHESTER
	BLACKFRIARS STREET		
	SALFORD		
	MANCHESTER		
	Total Gross floor area:	7925 sqm	
	Survey date: TUESDAY	25/05/04	Survey Type: MANUAL
9	HC-06-A-06	HOTEL, SOUTHAMPTON	HAMPSHIRE
	GRANGE ROAD		
	HEDGE END		
	SOUTHAMPTON		
	Total Gross floor area:	4108 sqm	
	Survey date: THURSDAY	18/07/02	Survey Type: MANUAL
10	HD-06-A-01	TRAVELODGE, WEST DRAYTON	HILLINGDON
	SIPSON ROAD		
	WEST DRAYTON		
	Total Gross floor area:	5200 sqm	
	Survey date: WEDNESDAY	28/03/01	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

11	HF-06-A-01	HOTEL, HARPENDEN	HERTFORDSHIRE
	LUTON ROAD		
	HARPENDEN		
	Total Gross floor area:	3100 sqm	
	Survey date: WEDNESDAY	06/03/02	Survey Type: MANUAL
12	HF-06-A-02	PREMIER LODGE, WATFORD	HERTFORDSHIRE
	WATER LANE		
	TIMMS MEADOW		
	WATFORD		
	Total Gross floor area:	3780 sqm	
	Survey date: WEDNESDAY	13/03/02	Survey Type: MANUAL
13	HF-06-A-03	NOVOTEL, STEVENAGE	HERTFORDSHIRE
	A1(M)		
	KNEBWORTH PARK		
	STEVENAGE		
	Total Gross floor area:	5125 sqm	
	Survey date: THURSDAY	08/07/04	Survey Type: MANUAL
14	KC-06-A-01	RAMADA HOTEL, NR MAIDSTONE	KENT
	ASHFORD ROAD		
	HOLLINGBOURNE		
	NEAR MAIDSTONE		
	Total Gross floor area:	8250 sqm	
	Survey date: FRIDAY	14/06/02	Survey Type: MANUAL
15	NF-06-A-01	HOTEL, NORWICH	NORFOLK
	PALACE STREET		
	TOMBLANDS		
	NORWICH		
	Total Gross floor area:	3530 sqm	
	Survey date: WEDNESDAY	16/05/07	Survey Type: MANUAL
16	NT-06-A-01	HOLIDAY INN, NOTTINGHAM	NOTTINGHAMSHIRE
	CASTLE MARINA PARK		
	NOTTINGHAM		
	Total Gross floor area:	5000 sqm	
	Survey date: THURSDAY	25/04/02	Survey Type: MANUAL
17	SC-06-A-04	HOTEL, NEAR REDHILL	SURREY
	NUTFIELD ROAD		
	NUTFIELD		
	NEAR REDHILL		
	Total Gross floor area:	6000 sqm	
	Survey date: THURSDAY	10/05/01	Survey Type: MANUAL
18	TV-06-A-01	HOTEL, MIDDLESBROUGH	TEES VALLEY
	MARTON ROAD		
	MIDDLESBROUGH		
	Total Gross floor area:	2500 sqm	
	Survey date: FRIDAY	21/09/07	Survey Type: MANUAL
19	TW-06-A-01	PREMIER TRAV. INN, NEWCASTLE	TYNE & WEAR
	CITY ROAD		
	QUAYSIDE		
	NEWCASTLE		
	Total Gross floor area:	3075 sqm	
	Survey date: TUESDAY	26/04/05	Survey Type: MANUAL
20	WM-06-A-03	HOTEL, COVENTRY	WEST MIDLANDS
	HOLYHEAD ROAD		
	COVENTRY		
	Total Gross floor area:	1700 sqm	
	Survey date: THURSDAY	27/09/07	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

21	WM-06-A-04	PURPLE HOTEL, BIRMINGHAM	WEST MIDLANDS
		CUCKOO ROAD	
		NECHELLS	
		BIRMINGHAM	
		Total Gross floor area:	3500 sqm
		Survey date: TUESDAY	25/11/08
			Survey Type: MANUAL
22	WO-06-A-01	HILTON, NEAR BROMSGROVE	WORCESTERSHIRE
		BIRMINGHAM ROAD	
		UPPER CATSHILL	
		NEAR BROMSGROVE	
		Total Gross floor area:	9700 sqm
		Survey date: TUESDAY	28/05/02
			Survey Type: MANUAL
23	WO-06-A-02	QUALITY HOTEL, REDDITCH	WORCESTERSHIRE
		POOLE BANK	
		SOUTHCREST	
		REDDITCH	
		Total Gross floor area:	4000 sqm
		Survey date: WEDNESDAY	26/03/03
			Survey Type: MANUAL
24	WO-06-A-03	RAMADA HOTEL, BROMSGROVE	WORCESTERSHIRE
		KIDDERMINSTER ROAD	
		BROMSGROVE	
		Total Gross floor area:	4500 sqm
		Survey date: WEDNESDAY	30/04/03
			Survey Type: MANUAL
25	WS-06-A-02	EXPRESS BY HOL. INN, CRAWLEY	WEST SUSSEX
		HASLETT AVENUE EAST	
		CRAWLEY	
		Total Gross floor area:	2350 sqm
		Survey date: WEDNESDAY	28/11/07
			Survey Type: MANUAL

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/A - HOTELS
 VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00	0	0	0.000	0	0	0.000	0	0	0.000
01:00 - 02:00	0	0	0.000	0	0	0.000	0	0	0.000
02:00 - 03:00	0	0	0.000	0	0	0.000	0	0	0.000
03:00 - 04:00	0	0	0.000	0	0	0.000	0	0	0.000
04:00 - 05:00	0	0	0.000	0	0	0.000	0	0	0.000
05:00 - 06:00	0	0	0.000	0	0	0.000	0	0	0.000
06:00 - 07:00	3	7983	0.129	3	7983	0.100	3	7983	0.229
07:00 - 08:00	25	4624	0.188	25	4624	0.346	25	4624	0.534
08:00 - 09:00	25	4624	0.328	25	4624	0.458	25	4624	0.786
09:00 - 10:00	25	4624	0.287	25	4624	0.312	25	4624	0.599
10:00 - 11:00	25	4624	0.179	25	4624	0.191	25	4624	0.370
11:00 - 12:00	25	4624	0.188	25	4624	0.170	25	4624	0.358
12:00 - 13:00	25	4624	0.240	25	4624	0.203	25	4624	0.443
13:00 - 14:00	25	4624	0.196	25	4624	0.196	25	4624	0.392
14:00 - 15:00	25	4624	0.226	25	4624	0.250	25	4624	0.476
15:00 - 16:00	25	4624	0.229	25	4624	0.259	25	4624	0.488
16:00 - 17:00	25	4624	0.251	25	4624	0.253	25	4624	0.504
17:00 - 18:00	25	4624	0.388	25	4624	0.281	25	4624	0.669
18:00 - 19:00	25	4624	0.396	25	4624	0.241	25	4624	0.637
19:00 - 20:00	15	4622	0.384	15	4622	0.241	15	4622	0.625
20:00 - 21:00	15	4622	0.245	15	4622	0.175	15	4622	0.420
21:00 - 22:00	11	4612	0.156	11	4612	0.160	11	4612	0.316
22:00 - 23:00	3	6067	0.225	3	6067	0.297	3	6067	0.522
23:00 - 24:00	3	6067	0.066	3	6067	0.121	3	6067	0.187
Total Rates:			4.301			4.254			8.555

Parameter summary

Trip rate parameter range selected: 926 - 11747 (units: sqm)
 Survey date range: 01/01/01 - 25/11/08
 Number of weekdays (Monday-Friday): 25
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys manually removed from selection: 21

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 05 - HEALTH
 Category : G - GP SURGERIES
 VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	ES EAST SUSSEX	1 days
	HC HAMPSHIRE	2 days
	WS WEST SUSSEX	1 days
03	SOUTH WEST	
	BR BRISTOL CITY	1 days
	CW CORNWALL	1 days
	DC DORSET	1 days
04	EAST ANGLIA	
	NF NORFOLK	1 days
06	WEST MIDLANDS	
	ST STAFFORDSHIRE	1 days
	WM WEST MIDLANDS	2 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NO NORTH LINCOLNSHIRE	1 days
08	NORTH WEST	
	GM GREATER MANCHESTER	1 days
09	NORTH	
	CB CUMBRIA	1 days
	DH DURHAM	1 days
	TV TEES VALLEY	1 days

Filtering Stage 2 selection:

Parameter: Gross floor area
 Range: 143 to 1255 (units: sqm)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/01 to 12/10/07

Selected survey days:

Monday	4 days
Tuesday	2 days
Wednesday	3 days
Thursday	4 days
Friday	3 days

Selected survey types:

Manual count	16 days
Directional ATC Count	0 days

Selected Locations:

Edge of Town Centre	7
Suburban Area (PPS6 Out of Centre)	5
Edge of Town	2
Neighbourhood Centre (PPS6 Local Centre)	2

Selected Location Sub Categories:

Residential Zone	6
No Sub Category	10

LIST OF SITES relevant to selection parameters

1	BR-05-G-01	GP SURGERY, BRISTOL	BRISTOL CITY
	WHITTUCKS ROAD		
	HANHAM		
	BRISTOL		
	Total Gross floor area:	480 sqm	
	Survey date: MONDAY	14/06/04	Survey Type: MANUAL
2	CB-05-G-02	GP SURGERY, CARLISLE	CUMBRIA
	PORT ROAD		
	NEWTOWN		
	CARLISLE		
	Total Gross floor area:	995 sqm	
	Survey date: WEDNESDAY	29/10/03	Survey Type: MANUAL
3	CW-05-G-01	GP SURGERY, ST AUSTELL	CORNWALL
	CARLYON ROAD		
	ST AUSTELL		
	Total Gross floor area:	350 sqm	
	Survey date: WEDNESDAY	19/09/07	Survey Type: MANUAL
4	DC-05-G-03	GP SURGERY, NEAR WEYMOUTH	DORSET
	PRESTON ROAD		
	PRESTON		
	NEAR WEYMOUTH		
	Total Gross floor area:	370 sqm	
	Survey date: MONDAY	08/07/02	Survey Type: MANUAL
5	DH-05-G-01	GP SURGERY, HARTLEPOOL	DURHAM
	EARLSFERRY ROAD		
	HARTLEPOOL		
	Total Gross floor area:	200 sqm	
	Survey date: FRIDAY	07/09/07	Survey Type: MANUAL
6	ES-05-G-01	GP SURGERY, HAILSHAM	EAST SUSSEX
	VICARAGE LANE		
	HAILSHAM		
	Total Gross floor area:	477 sqm	
	Survey date: WEDNESDAY	02/07/03	Survey Type: MANUAL
7	GM-05-G-01	GP SURGERY, SALE	GREATER MANCHESTER
	WASHWAY ROAD		
	SALE		
	Total Gross floor area:	900 sqm	
	Survey date: FRIDAY	11/06/04	Survey Type: MANUAL
8	HC-05-G-02	GP SURGERY, ROMSEY	HAMPSHIRE
	ALMA ROAD		
	ROMSEY		
	Total Gross floor area:	482 sqm	
	Survey date: THURSDAY	07/11/02	Survey Type: MANUAL
9	HC-05-G-03	GP SURGERY, WINCHESTER	HAMPSHIRE
	FRIARSGATE		
	WINCHESTER		
	Total Gross floor area:	1000 sqm	
	Survey date: THURSDAY	07/11/02	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

10	NF-05-G-01	GP SURGERY, NORWICH	NORFOLK
	TRINITY STREET		
	NORWICH		
	Total Gross floor area:	375 sqm	
	Survey date: MONDAY	21/05/07	Survey Type: MANUAL
11	NO-05-G-01	GP SURGERY, SCUNTHORPE	NORTH LINCOLNSHIRE
	FERRY ROAD WEST		
	SCUNTHORPE		
	Total Gross floor area:	1255 sqm	
	Survey date: THURSDAY	22/09/05	Survey Type: MANUAL
12	ST-05-G-01	GP SURGERY, STOKE-ON-TRENT	STAFFORDSHIRE
	NEW INN LANE		
	HANFORD		
	STOKE-ON-TRENT		
	Total Gross floor area:	897 sqm	
	Survey date: TUESDAY	16/07/02	Survey Type: MANUAL
13	TV-05-G-01	GP SURGERY, DARLINGTON	TEES VALLEY
	VICTORIA ROAD		
	DARLINGTON		
	Total Gross floor area:	770 sqm	
	Survey date: MONDAY	18/04/05	Survey Type: MANUAL
14	WM-05-G-02	GP SURGERY, COVENTRY	WEST MIDLANDS
	HENLEY ROAD		
	COVENTRY		
	Total Gross floor area:	231 sqm	
	Survey date: FRIDAY	10/02/06	Survey Type: MANUAL
15	WM-05-G-03	GP SURGERY, BIRMINGHAM	WEST MIDLANDS
	WASHWOOD HEATH ROAD		
	WARD END		
	BIRMINGHAM		
	Total Gross floor area:	250 sqm	
	Survey date: TUESDAY	11/09/07	Survey Type: MANUAL
16	WS-05-G-04	GP SURGERY, CHICHESTER	WEST SUSSEX
	CAWLEY ROAD		
	WHYKE		
	CHICHESTER		
	Total Gross floor area:	600 sqm	
	Survey date: THURSDAY	03/07/03	Survey Type: MANUAL

TRIP RATE for Land Use 05 - HEALTH/G - GP SURGERIES
VEHICLES
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00	0	0	0.000	0	0	0.000	0	0	0.000
01:00 - 02:00	0	0	0.000	0	0	0.000	0	0	0.000
02:00 - 03:00	0	0	0.000	0	0	0.000	0	0	0.000
03:00 - 04:00	0	0	0.000	0	0	0.000	0	0	0.000
04:00 - 05:00	0	0	0.000	0	0	0.000	0	0	0.000
05:00 - 06:00	0	0	0.000	0	0	0.000	0	0	0.000
06:00 - 07:00	0	0	0.000	0	0	0.000	0	0	0.000
07:00 - 08:00	13	630	0.599	13	630	0.195	13	630	0.794
08:00 - 09:00	16	602	4.828	16	602	2.118	16	602	6.946
09:00 - 10:00	16	602	5.793	16	602	5.056	16	602	10.849
10:00 - 11:00	16	602	4.734	16	602	5.139	16	602	9.873
11:00 - 12:00	16	602	3.665	16	602	4.194	16	602	7.859
12:00 - 13:00	16	602	2.647	16	602	3.395	16	602	6.042
13:00 - 14:00	16	602	2.367	16	602	2.523	16	602	4.890
14:00 - 15:00	16	602	3.125	16	602	2.627	16	602	5.752
15:00 - 16:00	16	602	3.551	16	602	3.385	16	602	6.936
16:00 - 17:00	16	602	3.623	16	602	3.748	16	602	7.371
17:00 - 18:00	16	602	2.481	16	602	3.665	16	602	6.146
18:00 - 19:00	16	602	0.592	16	602	1.744	16	602	2.336
19:00 - 20:00	0	0	0.000	0	0	0.000	0	0	0.000
20:00 - 21:00	0	0	0.000	0	0	0.000	0	0	0.000
21:00 - 22:00	0	0	0.000	0	0	0.000	0	0	0.000
22:00 - 23:00	0	0	0.000	0	0	0.000	0	0	0.000
23:00 - 24:00	0	0	0.000	0	0	0.000	0	0	0.000
Total Rates:			38.005			37.789			75.794

Parameter summary

Trip rate parameter range selected:	143 - 1255 (units: sqm)
Survey date date range:	01/01/01 - 12/10/07
Number of weekdays (Monday-Friday):	16
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	6

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 05 - HEALTH
 Category : J - DENTAL SURGERY
 VEHICLES

Selected regions and areas:

01	GREATER LONDON	
	KI KINGSTON	1 days
02	SOUTH EAST	
	KC KENT	1 days
03	SOUTH WEST	
	BA BATH & NORTH EAST SOMERSET	1 days
05	EAST MIDLANDS	
	LN LINCOLNSHIRE	1 days

Filtering Stage 2 selection:

Parameter: Gross floor area
 Range: 100 to 366 (units: sqm)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/01 to 15/03/07

Selected survey days:

Tuesday	1 days
Wednesday	1 days
Thursday	2 days

Selected survey types:

Manual count	4 days
Directional ATC Count	0 days

Selected Locations:

Edge of Town Centre	3
Suburban Area (PPS6 Out of Centre)	1

Selected Location Sub Categories:

No Sub Category	4
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LIST OF SITES relevant to selection parameters

- | | | | |
|---|--|-----------------------------|----------------------------|
| 1 | BA-05-J-01
NORTH WAY | DENTAL SURGERY, MID. NORTON | BATH & NORTH EAST SOMERSET |
| | MIDSOMER NORTON | | |
| | Total Gross floor area: | 200 sqm | |
| | Survey date: | THURSDAY 05/10/06 | Survey Type: MANUAL |
| 2 | KC-05-J-01
CHURCH ROAD | DENTAL SURGERY, ASHFORD | KENT |
| | ASHFORD | | |
| | Total Gross floor area: | 150 sqm | |
| | Survey date: | WEDNESDAY 08/11/06 | Survey Type: MANUAL |
| 3 | KI-05-J-01
WOODBINES AVENUE | DENTAL SURGERY, KINGSTON | KINGSTON |
| | KINGSTON UPON THAMES | | |
| | Total Gross floor area: | 162 sqm | |
| | Survey date: | THURSDAY 15/03/07 | Survey Type: MANUAL |
| 4 | LN-05-J-01
DODDINGTON ROAD
MOORLAND
LINCOLN | DENTAL SURGERY, LINCOLN | LINCOLNSHIRE |
| | Total Gross floor area: | 366 sqm | |
| | Survey date: | TUESDAY 10/09/02 | Survey Type: MANUAL |

TRIP RATE for Land Use 05 - HEALTH/J - DENTAL SURGERY
VEHICLES
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00	0	0	0.000	0	0	0.000	0	0	0.000
01:00 - 02:00	0	0	0.000	0	0	0.000	0	0	0.000
02:00 - 03:00	0	0	0.000	0	0	0.000	0	0	0.000
03:00 - 04:00	0	0	0.000	0	0	0.000	0	0	0.000
04:00 - 05:00	0	0	0.000	0	0	0.000	0	0	0.000
05:00 - 06:00	0	0	0.000	0	0	0.000	0	0	0.000
06:00 - 07:00	0	0	0.000	0	0	0.000	0	0	0.000
07:00 - 08:00	3	226	0.442	3	226	0.000	3	226	0.442
08:00 - 09:00	4	220	5.923	4	220	1.025	4	220	6.948
09:00 - 10:00	4	220	5.125	4	220	3.872	4	220	8.997
10:00 - 11:00	4	220	3.189	4	220	2.847	4	220	6.036
11:00 - 12:00	4	220	3.645	4	220	3.645	4	220	7.290
12:00 - 13:00	4	220	2.278	4	220	4.328	4	220	6.606
13:00 - 14:00	4	220	3.872	4	220	3.189	4	220	7.061
14:00 - 15:00	4	220	4.214	4	220	2.961	4	220	7.175
15:00 - 16:00	4	220	4.897	4	220	5.467	4	220	10.364
16:00 - 17:00	4	220	3.986	4	220	5.467	4	220	9.453
17:00 - 18:00	4	220	0.797	4	220	5.581	4	220	6.378
18:00 - 19:00	3	226	0.000	3	226	0.442	3	226	0.442
19:00 - 20:00	0	0	0.000	0	0	0.000	0	0	0.000
20:00 - 21:00	0	0	0.000	0	0	0.000	0	0	0.000
21:00 - 22:00	0	0	0.000	0	0	0.000	0	0	0.000
22:00 - 23:00	0	0	0.000	0	0	0.000	0	0	0.000
23:00 - 24:00	0	0	0.000	0	0	0.000	0	0	0.000
Total Rates:			38.368			38.824			77.192

Parameter summary

Trip rate parameter range selected:	100 - 366 (units: sqm)
Survey date date range:	01/01/01 - 15/03/07
Number of weekdays (Monday-Friday):	4
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	1

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
 Category : F - WAREHOUSING (COMMERCIAL)
 VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	BD BEDFORDSHIRE	1 days
	BU BUCKINGHAMSHIRE	1 days
	HF HERTFORDSHIRE	2 days
	KC KENT	1 days
03	SOUTH WEST	
	CW CORNWALL	1 days
	DC DORSET	1 days
06	WEST MIDLANDS	
	WO WORCESTERSHIRE	1 days
09	NORTH	
	TV TEES VALLEY	2 days

Filtering Stage 2 selection:

Parameter: Gross floor area
 Range: 950 to 80066 (units: sqm)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/01 to 19/11/08

Selected survey days:

Tuesday	2 days
Thursday	6 days
Friday	2 days

Selected survey types:

Manual count	10 days
Directional ATC Count	0 days

Selected Locations:

Suburban Area (PPS6 Out of Centre)	2
Edge of Town	7
Neighbourhood Centre (PPS6 Local Centre)	1

Selected Location Sub Categories:

Industrial Zone	5
Commercial Zone	2
Village	1
No Sub Category	2

LIST OF SITES relevant to selection parameters

1	BD-02-F-01 FRENCH'S AVENUE DUNSTABLE Total Gross floor area: 6050 sqm Survey date: THURSDAY 07/03/02	BEDFORDSHIRE Survey Type: MANUAL
2	BU-02-F-01 BLETCHAM WAY BLETCHLEY MILTON KEYNES Total Gross floor area: 52125 sqm Survey date: THURSDAY 07/02/02	BUCKINGHAMSHIRE Survey Type: MANUAL
3	CW-02-F-01 A390 THREEMILESTONE NEAR TRURO Total Gross floor area: 5150 sqm Survey date: TUESDAY 18/09/07	CORNWALL Survey Type: MANUAL
4	DC-02-F-01 STATION ROAD STALBRIDGE Total Gross floor area: 9100 sqm Survey date: FRIDAY 05/10/01	DORSET Survey Type: MANUAL
5	HF-02-F-02 BLACK FAN ROAD PANSHANGER WELWYN GARDEN CITY Total Gross floor area: 18600 sqm Survey date: FRIDAY 06/09/02	HERTFORDSHIRE Survey Type: MANUAL
6	HF-02-F-03 HATFIELD BUSINESS CEN. HATFIELD Total Gross floor area: 80000 sqm Survey date: THURSDAY 10/07/08	HERTFORDSHIRE Survey Type: MANUAL
7	KC-02-F-01 HOLBOROUGH ROAD SNODLAND Total Gross floor area: 7500 sqm Survey date: THURSDAY 20/06/02	KENT Survey Type: MANUAL
8	TV-02-F-01 MALLEABLE WAY STOCKTON-ON-TEES Total Gross floor area: 30187 sqm Survey date: THURSDAY 04/10/01	TEES VALLEY Survey Type: MANUAL
9	TV-02-F-02 ROUNDHOUSE ROAD FAVERDALE DARLINGTON Total Gross floor area: 80066 sqm Survey date: TUESDAY 07/10/08	TEES VALLEY Survey Type: MANUAL
10	WO-02-F-01 WAINWRIGHT ROAD SHIRE BUSINESS PARK WORCESTER Total Gross floor area: 31416 sqm Survey date: THURSDAY 14/03/02	WORCESTERSHIRE Survey Type: MANUAL

TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30	1	7500	0.093	1	7500	0.080	1	7500	0.173
00:30 - 01:00	1	7500	0.053	1	7500	0.067	1	7500	0.120
01:00 - 01:30	1	7500	0.013	1	7500	0.027	1	7500	0.040
01:30 - 02:00	1	7500	0.040	1	7500	0.067	1	7500	0.107
02:00 - 02:30	1	7500	0.027	1	7500	0.027	1	7500	0.054
02:30 - 03:00	1	7500	0.053	1	7500	0.067	1	7500	0.120
03:00 - 03:30	1	7500	0.027	1	7500	0.013	1	7500	0.040
03:30 - 04:00	1	7500	0.067	1	7500	0.053	1	7500	0.120
04:00 - 04:30	1	7500	0.053	1	7500	0.053	1	7500	0.106
04:30 - 05:00	1	7500	0.067	1	7500	0.053	1	7500	0.120
05:00 - 05:30	1	7500	0.080	1	7500	0.067	1	7500	0.147
05:30 - 06:00	1	7500	0.067	1	7500	0.053	1	7500	0.120
06:00 - 06:30	2	18844	0.056	2	18844	0.096	2	18844	0.152
06:30 - 07:00	2	18844	0.072	2	18844	0.066	2	18844	0.138
07:00 - 07:30	10	32019	0.042	10	32019	0.047	10	32019	0.089
07:30 - 08:00	10	32019	0.067	10	32019	0.034	10	32019	0.101
08:00 - 08:30	10	32019	0.043	10	32019	0.031	10	32019	0.074
08:30 - 09:00	10	32019	0.054	10	32019	0.034	10	32019	0.088
09:00 - 09:30	10	32019	0.051	10	32019	0.035	10	32019	0.086
09:30 - 10:00	10	32019	0.058	10	32019	0.035	10	32019	0.093
10:00 - 10:30	10	32019	0.037	10	32019	0.042	10	32019	0.079
10:30 - 11:00	10	32019	0.035	10	32019	0.033	10	32019	0.068
11:00 - 11:30	10	32019	0.036	10	32019	0.032	10	32019	0.068
11:30 - 12:00	10	32019	0.041	10	32019	0.036	10	32019	0.077
12:00 - 12:30	10	32019	0.039	10	32019	0.042	10	32019	0.081
12:30 - 13:00	10	32019	0.037	10	32019	0.038	10	32019	0.075
13:00 - 13:30	10	32019	0.065	10	32019	0.050	10	32019	0.115
13:30 - 14:00	10	32019	0.114	10	32019	0.099	10	32019	0.213
14:00 - 14:30	10	32019	0.053	10	32019	0.092	10	32019	0.145
14:30 - 15:00	10	32019	0.062	10	32019	0.072	10	32019	0.134
15:00 - 15:30	10	32019	0.038	10	32019	0.060	10	32019	0.098
15:30 - 16:00	10	32019	0.052	10	32019	0.058	10	32019	0.110
16:00 - 16:30	10	32019	0.040	10	32019	0.060	10	32019	0.100
16:30 - 17:00	10	32019	0.038	10	32019	0.064	10	32019	0.102
17:00 - 17:30	10	32019	0.028	10	32019	0.055	10	32019	0.083
17:30 - 18:00	10	32019	0.047	10	32019	0.057	10	32019	0.104
18:00 - 18:30	9	32223	0.020	9	32223	0.040	9	32223	0.060
18:30 - 19:00	9	32223	0.018	9	32223	0.024	9	32223	0.042
19:00 - 19:30	2	6775	0.030	2	6775	0.030	2	6775	0.060
19:30 - 20:00	2	6775	0.007	2	6775	0.037	2	6775	0.044
20:00 - 20:30	1	7500	0.053	1	7500	0.013	1	7500	0.066
20:30 - 21:00	1	7500	0.040	1	7500	0.053	1	7500	0.093
21:00 - 21:30	1	7500	0.040	1	7500	0.053	1	7500	0.093
21:30 - 22:00	1	7500	0.013	1	7500	0.027	1	7500	0.040
22:00 - 22:30	1	7500	0.067	1	7500	0.053	1	7500	0.120
22:30 - 23:00	1	7500	0.067	1	7500	0.040	1	7500	0.107
23:00 - 23:30	1	7500	0.040	1	7500	0.040	1	7500	0.080
23:30 - 24:00	1	7500	0.040	1	7500	0.040	1	7500	0.080
Total Rates:			2.280			2.345			4.625

Parameter summary

Trip rate parameter range selected:	950 - 80066 (units: sqm)
Survey date date range:	01/01/01 - 19/11/08
Number of weekdays (Monday-Friday):	12
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	11

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
 Category : D - INDUSTRIAL ESTATE
 VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	EX ESSEX	1 days
	WS WEST SUSSEX	1 days
03	SOUTH WEST	
	CW CORNWALL	1 days
	WL WILTSHIRE	1 days
04	EAST ANGLIA	
	SF SUFFOLK	1 days
05	EAST MIDLANDS	
	LN LINCOLNSHIRE	1 days
	NT NOTTINGHAMSHIRE	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	WY WEST YORKSHIRE	1 days
08	NORTH WEST	
	CH CHESHIRE	1 days
	MS MERSEYSIDE	1 days
09	NORTH	
	CB CUMBRIA	1 days
	DH DURHAM	1 days
	NB NORTHUMBERLAND	1 days
	TW TYNE & WEAR	1 days

Filtering Stage 2 selection:

Parameter: Gross floor area
 Range: 708 to 234115 (units: sqm)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/01 to 07/09/08

Selected survey days:

Monday	3 days
Tuesday	2 days
Wednesday	2 days
Thursday	4 days
Friday	3 days

Selected survey types:

Manual count	13 days
Directional ATC Count	1 days

Selected Locations:

Suburban Area (PPS6 Out of Centre)	3
Edge of Town	9
Free Standing (PPS6 Out of Town)	2

Selected Location Sub Categories:

Industrial Zone	7
Residential Zone	1
Out of Town	2
No Sub Category	4

LIST OF SITES relevant to selection parameters

1	CB-02-D-03	INDUSTRIAL ESTATE, BRAMPTON	CUMBRIA
	CARLISLE ROAD		
	BRAMPTON		
	Total Gross floor area:	13700 sqm	
	Survey date: THURSDAY	23/06/05	Survey Type: MANUAL
2	CH-02-D-02	INDUSTRIAL EST., NORTHWICH	CHESHIRE
	MANCHESTER ROAD		
	WINCHAM		
	NORTHWICH		
	Total Gross floor area:	22000 sqm	
	Survey date: FRIDAY	15/06/07	Survey Type: MANUAL
3	CW-02-D-02	INDUSTRIAL ESTATE, CAMBORNE	CORNWALL
	DRUIDS ROAD		
	CAMBORNE		
	Total Gross floor area:	6515 sqm	
	Survey date: FRIDAY	21/09/07	Survey Type: MANUAL
4	DH-02-D-01	INDUSTRIAL ESTATE,NR CONSETT	DURHAM
	PARKWAY		
	ANNFIELD PLAIN		
	NEAR CONSETT		
	Total Gross floor area:	12025 sqm	
	Survey date: WEDNESDAY	27/04/05	Survey Type: MANUAL
5	EX-02-D-01	INDUSTRIAL ESTATE, LOUGHTON	ESSEX
	OAKWOOD HILL		
	LOUGHTON		
	Total Gross floor area:	27687 sqm	
	Survey date: THURSDAY	22/11/07	Survey Type: MANUAL
6	LN-02-D-01	INDUSTRIAL ESTATE, GRANTHAM	LINCOLNSHIRE
	BELTON LANE		
	GRANTHAM		
	Total Gross floor area:	5347 sqm	
	Survey date: THURSDAY	12/05/05	Survey Type: MANUAL
7	MS-02-D-05	INDUSTRIAL ESTATE, ST HELENS	MERSEYSIDE
	BROADOAK ROAD		
	ST HELENS		
	Total Gross floor area:	11700 sqm	
	Survey date: TUESDAY	18/10/05	Survey Type: MANUAL
8	NB-02-D-01	INDUSTRIAL ESTATE, HEXHAM	NORTHUMBERLAND
	A695		
	HEXHAM		
	Total Gross floor area:	10525 sqm	
	Survey date: MONDAY	23/05/05	Survey Type: MANUAL
9	NT-02-D-01	IND. ESTATE, SUTTON-IN-ASHFLD	NOTTINGHAMSHIRE
	B6028 STONEYFORD ROAD		
	STANTON HILL		
	SUTTON-IN-ASHFIELD		
	Total Gross floor area:	26400 sqm	
	Survey date: FRIDAY	30/06/06	Survey Type: MANUAL
10	SF-02-D-01	INDUSTRIAL ESTATE, IPSWICH	SUFFOLK
	RAPIER STREET		
	STOKE		
	IPSWICH		
	Total Gross floor area:	17500 sqm	
	Survey date: MONDAY	28/07/03	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

- | | | | |
|----|-------------------------|-------------------------------|------------------------------------|
| 11 | TW-02-D-06 | INDUSTRIAL ESTATE, N. SHIELDS | TYNE & WEAR |
| | NORHAM ROAD | | |
| | WEST CHIRTON | | |
| | NORTH SHIELDS | | |
| | Total Gross floor area: | 23000 sqm | |
| | Survey date: THURSDAY | 19/10/06 | Survey Type: MANUAL |
| 12 | WL-02-D-01 | IND. ESTATE, WOOTTON BASSETT | WILTSHIRE |
| | MARLBOROUGH ROAD | | |
| | WOOTTON BASSETT | | |
| | Total Gross floor area: | 7050 sqm | |
| | Survey date: TUESDAY | 03/10/06 | Survey Type: MANUAL |
| 13 | WS-02-D-05 | IND. ESTATE, NR BURGESS HILL | WEST SUSSEX |
| | STAIRBRIDGE LANE | | |
| | NEAR BURGESS HILL | | |
| | Total Gross floor area: | 5858 sqm | |
| | Survey date: WEDNESDAY | 24/09/03 | Survey Type: DIRECTIONAL ATC COUNT |
| 14 | WY-02-D-02 | INDUSTRIAL EST., HUDDERSFIELD | WEST YORKSHIRE |
| | A629 WAKEFIELD ROAD | | |
| | TANDEM | | |
| | HUDDERSFIELD | | |
| | Total Gross floor area: | 20824 sqm | |
| | Survey date: MONDAY | 11/09/06 | Survey Type: MANUAL |

TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE
 VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30	1	5858	0.000	1	5858	0.000	1	5858	0.000
00:30 - 01:00	1	5858	0.000	1	5858	0.000	1	5858	0.000
01:00 - 01:30	1	5858	0.000	1	5858	0.000	1	5858	0.000
01:30 - 02:00	1	5858	0.000	1	5858	0.000	1	5858	0.000
02:00 - 02:30	1	5858	0.000	1	5858	0.000	1	5858	0.000
02:30 - 03:00	1	5858	0.000	1	5858	0.000	1	5858	0.000
03:00 - 03:30	1	5858	0.000	1	5858	0.000	1	5858	0.000
03:30 - 04:00	1	5858	0.000	1	5858	0.000	1	5858	0.000
04:00 - 04:30	1	5858	0.000	1	5858	0.000	1	5858	0.000
04:30 - 05:00	1	5858	0.000	1	5858	0.000	1	5858	0.000
05:00 - 05:30	1	5858	0.034	1	5858	0.000	1	5858	0.034
05:30 - 06:00	1	5858	0.034	1	5858	0.000	1	5858	0.034
06:00 - 06:30	1	5858	0.154	1	5858	0.051	1	5858	0.205
06:30 - 07:00	1	5858	0.171	1	5858	0.051	1	5858	0.222
07:00 - 07:30	14	15009	0.134	14	15009	0.070	14	15009	0.204
07:30 - 08:00	14	15009	0.237	14	15009	0.102	14	15009	0.339
08:00 - 08:30	14	15009	0.257	14	15009	0.099	14	15009	0.356
08:30 - 09:00	14	15009	0.262	14	15009	0.111	14	15009	0.373
09:00 - 09:30	14	15009	0.190	14	15009	0.126	14	15009	0.316
09:30 - 10:00	14	15009	0.139	14	15009	0.130	14	15009	0.269
10:00 - 10:30	14	15009	0.162	14	15009	0.162	14	15009	0.324
10:30 - 11:00	14	15009	0.153	14	15009	0.159	14	15009	0.312
11:00 - 11:30	14	15009	0.178	14	15009	0.178	14	15009	0.356
11:30 - 12:00	14	15009	0.161	14	15009	0.180	14	15009	0.341
12:00 - 12:30	14	15009	0.148	14	15009	0.205	14	15009	0.353
12:30 - 13:00	14	15009	0.145	14	15009	0.166	14	15009	0.311
13:00 - 13:30	14	15009	0.173	14	15009	0.185	14	15009	0.358
13:30 - 14:00	14	15009	0.179	14	15009	0.151	14	15009	0.330
14:00 - 14:30	14	15009	0.151	14	15009	0.153	14	15009	0.304
14:30 - 15:00	14	15009	0.143	14	15009	0.157	14	15009	0.300
15:00 - 15:30	14	15009	0.133	14	15009	0.149	14	15009	0.282
15:30 - 16:00	14	15009	0.149	14	15009	0.166	14	15009	0.315
16:00 - 16:30	14	15009	0.130	14	15009	0.216	14	15009	0.346
16:30 - 17:00	14	15009	0.128	14	15009	0.274	14	15009	0.402
17:00 - 17:30	14	15009	0.083	14	15009	0.286	14	15009	0.369
17:30 - 18:00	14	15009	0.045	14	15009	0.168	14	15009	0.213
18:00 - 18:30	14	15009	0.032	14	15009	0.094	14	15009	0.126
18:30 - 19:00	14	15009	0.019	14	15009	0.043	14	15009	0.062
19:00 - 19:30	1	5858	0.000	1	5858	0.034	1	5858	0.034
19:30 - 20:00	1	5858	0.000	1	5858	0.034	1	5858	0.034
20:00 - 20:30	1	5858	0.017	1	5858	0.017	1	5858	0.034
20:30 - 21:00	1	5858	0.017	1	5858	0.017	1	5858	0.034
21:00 - 21:30	1	5858	0.017	1	5858	0.000	1	5858	0.017
21:30 - 22:00	1	5858	0.017	1	5858	0.017	1	5858	0.034
22:00 - 22:30	1	5858	0.000	1	5858	0.000	1	5858	0.000
22:30 - 23:00	1	5858	0.000	1	5858	0.000	1	5858	0.000
23:00 - 23:30	1	5858	0.000	1	5858	0.000	1	5858	0.000
23:30 - 24:00	1	5858	0.000	1	5858	0.000	1	5858	0.000
Total Rates:			3.992			3.951			7.943

Parameter summary

Trip rate parameter range selected:	708 - 234115 (units: sqm)
Survey date date range:	01/01/01 - 07/09/08
Number of weekdays (Monday-Friday):	18
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	16

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL
Category : M - MIXED PRIVATE/NON-PRIVATE HOUSING
VEHICLES

Selected regions and areas:

01	GREATER LONDON	
	NH NEWHAM	1 days
	WF WALTHAM FOREST	1 days
02	SOUTH EAST	
	ES EAST SUSSEX	1 days
	HF HERTFORDSHIRE	1 days
	KC KENT	1 days
	RE READING	1 days
	SC SURREY	1 days
03	SOUTH WEST	
	BR BRISTOL CITY	1 days
06	WEST MIDLANDS	
	HE HEREFORDSHIRE	1 days
	WO WORCESTERSHIRE	1 days
08	NORTH WEST	
	LC LANCASHIRE	2 days
	MS MERSEYSIDE	1 days
09	NORTH	
	CB CUMBRIA	2 days
	DH DURHAM	1 days
10	WALES	
	CM CARMARTHENSHIRE	1 days

Filtering Stage 2 selection:

Parameter: Number of dwellings
Range: 40 to 454 (units:)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/02 to 08/12/09

Selected survey days:

Monday	6 days
Tuesday	1 days
Wednesday	4 days
Thursday	4 days
Friday	2 days

Selected survey types:

Manual count	17 days
Directional ATC Count	0 days

Selected Locations:

Edge of Town Centre	1
Suburban Area (PPS6 Out of Centre)	9
Edge of Town	6
Neighbourhood Centre (PPS6 Local Centre)	1

Selected Location Sub Categories:

Industrial Zone	1
Residential Zone	9
Built-Up Zone	3
Village	1
No Sub Category	3

LIST OF SITES relevant to selection parameters

1	BR-03-M-02 BLOCKS OF FLATS, BRISTOL CLARENCE ROAD	BRISTOL CITY
	BRISTOL Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 42	
2	CB-03-M-02 BLOCKS OF FLATS, CARLISLE PORT ROAD WILLOW HOLME CARLISLE Suburban Area (PPS6 Out of Centre) Built-Up Zone Total Number of dwellings: 44	CUMBRIA
3	CB-03-M-03 SEMI-DETACHED, WORKINGTON MOORCLOSE ROAD SALTERBECK WORKINGTON Edge of Town No Sub Category Total Number of dwellings: 82	CUMBRIA
4	CM-03-M-01 HOUSES & FLATS, CARMARTHEN COLLEGE ROAD	CARMARTHENSHIRE
	CARMARTHEN Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 48	
5	DH-03-M-01 SEMI DETACHED/FLATS, DURHAM CHURCH STREET	DURHAM
	DURHAM Edge of Town Centre Built-Up Zone Total Number of dwellings: 49	
6	ES-03-M-01 MIXED HOU./FLATS EASTBOURNE A259 PEVENSEY BAY ROAD ST ANTHONYS HILL EASTBOURNE Edge of Town No Sub Category Total Number of dwellings: 270	EAST SUSSEX
7	HE-03-M-01 SEMI D./TERRACED, HEREFORD WHITECROSS ROAD WIDEMARSH HEREFORD Suburban Area (PPS6 Out of Centre) Industrial Zone Total Number of dwellings: 57	HEREFORDSHIRE
8	HF-03-M-02 TERRACED/FLATS, WELWYN G.C. SYLVAN WAY PANSHANGER WELWYN GARDEN CITY Edge of Town Residential Zone Total Number of dwellings: 158	HERTFORDSHIRE
9	KC-03-M-01 BLOCKS OF FLATS, RAMSGATE HIGH STREET	KENT
	RAMSGATE Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 103	

LIST OF SITES relevant to selection parameters (Cont.)

10	LC-03-M-02	DETACHED/FLATS, PRESTON	LANCASHIRE
		SHAROE GREEN LANE	
		FULWOOD	
		PRESTON	
		Suburban Area (PPS6 Out of Centre)	
		Residential Zone	
		Total Number of dwellings: 217	
11	LC-03-M-03	MIXED HOUSES, NR LANCASTER	LANCASHIRE
		HIGH ROAD	
		HALTON	
		NEAR LANCASTER	
		Neighbourhood Centre (PPS6 Local Centre)	
		Village	
		Total Number of dwellings: 81	
12	MS-03-M-01	HOUSING, LIVERPOOL	MERSEYSIDE
		OFF KINGSWAY	
		PRECOT	
		LIVERPOOL	
		Suburban Area (PPS6 Out of Centre)	
		Residential Zone	
		Total Number of dwellings: 40	
13	NH-03-M-01	TERRACED/FLATS, PLAISTOW	NEWHAM
		MEMORIAL AVENUE	
		PLAISTOW	
		Suburban Area (PPS6 Out of Centre)	
		No Sub Category	
		Total Number of dwellings: 45	
14	RE-03-M-01	BLOCKS OF FLATS, READING	READING
		OXFORD ROAD	
		READING	
		Edge of Town	
		Built-Up Zone	
		Total Number of dwellings: 79	
15	SC-03-M-01	HOUSES & FLATS, REDHILL	SURREY
		ST ANNES DRIVE	
		REDHILL	
		Edge of Town	
		Residential Zone	
		Total Number of dwellings: 454	
16	WF-03-M-01	TERRACED, CHINGFORD	WALTHAM FOREST
		LARSHALL ROAD	
		CHINGFORD	
		Suburban Area (PPS6 Out of Centre)	
		Residential Zone	
		Total Number of dwellings: 40	
17	WO-03-M-02	SEMI DETACHED, WORCESTER	WORCESTERSHIRE
		PRESTWICH AVENUE	
		PERRYWOOD	
		WORCESTER	
		Edge of Town	
		Residential Zone	
		Total Number of dwellings: 126	

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/NON-PRIVATE HOUSING
VEHICLES
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00	0	0	0.000	0	0	0.000	0	0	0.000
01:00 - 02:00	0	0	0.000	0	0	0.000	0	0	0.000
02:00 - 03:00	0	0	0.000	0	0	0.000	0	0	0.000
03:00 - 04:00	0	0	0.000	0	0	0.000	0	0	0.000
04:00 - 05:00	0	0	0.000	0	0	0.000	0	0	0.000
05:00 - 06:00	0	0	0.000	0	0	0.000	0	0	0.000
06:00 - 07:00	0	0	0.000	0	0	0.000	0	0	0.000
07:00 - 08:00	17	114	0.070	17	114	0.181	17	114	0.251
08:00 - 09:00	17	114	0.133	17	114	0.294	17	114	0.427
09:00 - 10:00	17	114	0.136	17	114	0.170	17	114	0.306
10:00 - 11:00	17	114	0.124	17	114	0.140	17	114	0.264
11:00 - 12:00	17	114	0.133	17	114	0.128	17	114	0.261
12:00 - 13:00	17	114	0.145	17	114	0.152	17	114	0.297
13:00 - 14:00	17	114	0.156	17	114	0.145	17	114	0.301
14:00 - 15:00	17	114	0.151	17	114	0.162	17	114	0.313
15:00 - 16:00	17	114	0.218	17	114	0.171	17	114	0.389
16:00 - 17:00	17	114	0.236	17	114	0.175	17	114	0.411
17:00 - 18:00	17	114	0.310	17	114	0.177	17	114	0.487
18:00 - 19:00	17	114	0.238	17	114	0.194	17	114	0.432
19:00 - 20:00	0	0	0.000	0	0	0.000	0	0	0.000
20:00 - 21:00	0	0	0.000	0	0	0.000	0	0	0.000
21:00 - 22:00	0	0	0.000	0	0	0.000	0	0	0.000
22:00 - 23:00	0	0	0.000	0	0	0.000	0	0	0.000
23:00 - 24:00	0	0	0.000	0	0	0.000	0	0	0.000
Total Rates:			2.050			2.089			4.139

Parameter summary

Trip rate parameter range selected:	40 - 454 (units:)
Survey date date range:	01/01/02 - 08/12/09
Number of weekdays (Monday-Friday):	17
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	10