



Appendix A

NRTF / TEMPRO Calculations

AM Traffic Growth

Scheme:

RCT Strategic sites

TEMpro geographical area

RCT

Average Weekday		NRTF			TEMPRO V4.2.3		
Period		Low	High	Mean	GB Average	RegionAverage	Average
2000	2025	1.292	1.543	1.418	1.235	1.206	1.384
2002	2025	1.266	1.471	1.369	1.198	1.170	1.337
2003	2025	1.249	1.443	1.346	1.186	1.158	1.314
2004	2025	1.232	1.415	1.324	1.174	1.147	1.293
2005	2025	1.216	1.387	1.301	1.162	1.136	1.272
2006	2025	1.199	1.359	1.279	1.150	1.124	1.251
2007	2025	1.185	1.335	1.260	1.138	1.116	1.236

Data Input

NRTF GROWTH		
	Low	High
2000	1.075	1.169
2002	1.097	1.226
2003	1.112	1.250
2004	1.127	1.275
2005	1.142	1.301
2006	1.158	1.327
2007	1.172	1.351
2025	1.389	1.804

NRTF GROWTH			
	Low	High	
2000	2025	1.292	1.543
2002	2025	1.266	1.471
2003	2025	1.249	1.443
2004	2025	1.232	1.415
2005	2025	1.216	1.387
2006	2025	1.199	1.359
2007	2025	1.185	1.335

TEMpro Average Weekday

Region		Production	Attraction	NW Average
2000	2025	1.244	1.168	1.206
2002	2025	1.206	1.134	1.170
2003	2025	1.192	1.124	1.158
2004	2025	1.179	1.114	1.147
2005	2025	1.166	1.105	1.136
2006	2025	1.153	1.095	1.124
2007	2025	1.143	1.089	1.116

GB		Production	Attraction	GB Average
2000	2025	1.235	1.235	1.235
2002	2025	1.198	1.198	1.198
2003	2025	1.186	1.186	1.186
2004	2025	1.174	1.174	1.174
2005	2025	1.162	1.162	1.162
2006	2025	1.150	1.150	1.150
2007	2025	1.138	1.138	1.138

Notes:

Location = (attractions+production)/2

Average = (NW Average/GB Average)*Mean NRTF and is used for growing up traffic flows.

PM Traffic Growth

Scheme:

RCT Strategic sites

TEMpro geographical area

RCT

Average Weekday		NRTF			TEMPRO V4.2.3		
Period		Low	High	Mean	GB Average	RegionAverage	Average
2000	2025	1.292	1.543	1.418	1.231	1.203	1.385
2002	2025	1.266	1.471	1.369	1.199	1.170	1.336
2003	2025	1.249	1.443	1.346	1.187	1.158	1.313
2004	2025	1.232	1.415	1.324	1.174	1.147	1.293
2005	2025	1.216	1.387	1.301	1.162	1.135	1.271
2006	2025	1.199	1.359	1.279	1.151	1.124	1.249
2007	2025	1.185	1.335	1.260	1.139	1.115	1.234

NRTF GROWTH		
	Low	High
2000	1.075	1.169
2002	1.097	1.226
2003	1.112	1.250
2004	1.127	1.275
2005	1.142	1.301
2006	1.158	1.327
2007	1.172	1.351
2025	1.389	1.804

NRTF GROWTH			
	Low	High	
2000	2025	1.292	1.543
2002	2025	1.266	1.471
2003	2025	1.249	1.443
2004	2025	1.232	1.415
2005	2025	1.216	1.387
2006	2025	1.199	1.359
2007	2025	1.185	1.335

TEMpro Average Weekday

Region		Production	Attraction	NW Average
2000	2025	1.234	1.172	1.203
2002	2025	1.200	1.140	1.170
2003	2025	1.186	1.130	1.158
2004	2025	1.173	1.120	1.147
2005	2025	1.160	1.110	1.135
2006	2025	1.147	1.100	1.124
2007	2025	1.137	1.093	1.115

GB		Production	Attraction	GB Average
2000	2025	1.231	1.231	1.231
2002	2025	1.199	1.199	1.199
2003	2025	1.187	1.187	1.187
2004	2025	1.174	1.174	1.174
2005	2025	1.162	1.162	1.162
2006	2025	1.151	1.151	1.151
2007	2025	1.139	1.139	1.139

Notes:

Location = (attractions+production)/2

Average = (NW Average/GB Average)*Mean NRTF and is used for growing up traffic flows.



Appendix B

TRICS Information

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 07 - LEISURE
 Category : B - BOWLING ALLEYS

VEHICLESSelected regions and areas:

02 SOUTH EAST
 KC KENT 1 days
06 WEST MIDLANDS
 WM WEST MIDLANDS 1 days

Main parameter selection:

Parameter: Gross floor area
 Range: 1500 to 5060 (units: sqm)

Date Range: 01/01/97 to 11/09/07

Selected survey days:

Friday 2 days

Selected survey types:

Manual count 2 days
 Directional ATC Count 0 days

Optional parameter selection:Use Class:

D2 2 days

Location:

Not Known 1 days
 Neighbourhood Centre (PPS6 Local Centre) 1 days

Location Sub Category:Population within 1 mile:

15,001 to 20,000 2 days

Population within 5 miles:

125,001 to 250,000 2 days

Car ownership within 5 miles:

0.6 to 1.0 1 days
 1.1 to 1.5 1 days

Optional parameter selection (Cont.):*Buses/Trains per day (both directions):*

<u>Frequency</u>	<u>Per Hour</u>	<u>Per Day</u>	<u>Surveys</u>
Not Known			0 days
0	0	0	0 days
<20 per day	1	20	0 days
20-39 per day	2	40	0 days
40-59 per day	3	60	0 days
60-79 per day	4	80	0 days
80+ per day	> 4	> 80	2 days

Travel Plan:

Not Known 2 days

LIST OF SITES relevant to selection parameters

- | | | | |
|----------|-------------------|--|----------------------|
| 1 | KC-07-B-02 | AMF BOWLING, GRAVESEND | KENT |
| | | WEST MILL
IMPERIAL BUSINESS EST.
GRAVESEND | |
| | | Total Gross floor area: 3000 sqm | |
| | | Survey date: FRIDAY 05/10/01 | Survey Type: MANUAL |
| 2 | WM-07-B-01 | STIRCHLEY BOWL, BIRMINGHAM | WEST MIDLANDS |
| | | A441 PERSHORE ROAD
STIRCHLEY
BIRMINGHAM | |
| | | Total Gross floor area: 3500 sqm | |
| | | Survey date: FRIDAY 23/02/01 | Survey Type: MANUAL |

TRIP RATE for Land Use 07 - LEISURE/B - BOWLING ALLEYS

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	1	3000	0.333	1	3000	0.167	1	3000	0.500
10:00 - 11:00	1	3000	1.033	1	3000	0.367	1	3000	1.400
11:00 - 12:00	2	3250	0.477	2	3250	0.385	2	3250	0.862
12:00 - 13:00	2	3250	0.508	2	3250	0.508	2	3250	1.016
13:00 - 14:00	2	3250	0.692	2	3250	0.308	2	3250	1.000
14:00 - 15:00	2	3250	0.338	2	3250	0.385	2	3250	0.723
15:00 - 16:00	2	3250	0.262	2	3250	0.385	2	3250	0.647
16:00 - 17:00	2	3250	0.523	2	3250	0.446	2	3250	0.969
17:00 - 18:00	2	3250	0.600	2	3250	0.600	2	3250	1.200
18:00 - 19:00	2	3250	0.877	2	3250	0.708	2	3250	1.585
19:00 - 20:00	2	3250	1.415	2	3250	0.892	2	3250	2.307
20:00 - 21:00	2	3250	0.954	2	3250	0.769	2	3250	1.723
21:00 - 22:00	2	3250	0.538	2	3250	0.754	2	3250	1.292
22:00 - 23:00	2	3250	0.246	2	3250	0.892	2	3250	1.138
23:00 - 24:00	2	3250	0.015	2	3250	0.692	2	3250	0.707
Total Rates:			8.811			8.258			17.069

Parameter summary

Trip rate parameter range selected: 1500 - 5060 (units: sqm)
 Survey date date range: 01/01/97 - 11/09/07
 Number of weekdays (Monday-Friday): 2
 Number of Saturdays: 0
 Number of Sundays: 0
 Optional parameters used in selection: NO
 Surveys manually removed from selection: 1

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT

Category : B - BUSINESS PARK

VEHICLESSelected regions and areas:

01	GREATER LONDON	
	KI KINGSTON	1 days
02	SOUTH EAST	
	BU BUCKINGHAMSHIRE	1 days
	OX OXFORDSHIRE	1 days
04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	1 days
06	WEST MIDLANDS	
	SH SHROPSHIRE	1 days
	WM WEST MIDLANDS	1 days
10	WALES	
	CF CARDIFF	1 days
11	SCOTLAND	
	AD ABERDEEN CITY	1 days
14	REPUBLIC OF IRELAND	
	DL DUBLIN	1 days
	GA GALWAY	1 days

Main parameter selection:

Parameter: Gross floor area
 Range: 5050 to 118448 (units: sqm)

Date Range: 01/01/97 to 24/09/07

Selected survey days:

Monday	3 days
Tuesday	2 days
Wednesday	2 days
Thursday	2 days
Friday	1 days

Selected survey types:

Manual count	10 days
Directional ATC Count	0 days

Optional parameter selection:Use Class:

Not Known	1 days
B1	8 days

Optional parameter selection (Cont.):Location:

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

Location Sub Category:

Commercial Zone
 Industrial Zone
 Industrial Zone

1 days
 1 days
 2 days
 2 days
 2 days
 2 days

Population within 1 mile:

5,001 to 10,000 2 days
 10,001 to 15,000 2 days
 15,001 to 20,000 2 days
 25,001 to 50,000 4 days

Population within 5 miles:

50,001 to 75,000 1 days
 75,001 to 100,000 2 days
 125,001 to 250,000 4 days
 250,001 to 500,000 1 days
 500,001 or More 2 days

Car ownership within 5 miles:

0.5 or Less 1 days
 0.6 to 1.0 4 days
 1.1 to 1.5 4 days

Buses/Trains per day (both directions):

<u>Frequency</u>	<u>Per Hour</u>	<u>Per Day</u>	<u>Surveys</u>
Not Known			0 days
0	0	0	0 days
<20 per day	1	20	0 days
20-39 per day	2	40	0 days
40-59 per day	3	60	0 days
60-79 per day	4	80	0 days
80+ per day	> 4	> 80	6 days

Travel Plan:

Not Known 2 days
 Yes 1 days
 No 7 days

LIST OF SITES relevant to selection parameters

- | | | | |
|----------|-------------------|---|------------------------|
| 1 | AD-02-B-01 | CAMPUS 2, ABERDEEN | ABERDEEN CITY |
| | | BALGOWNIE ROAD
BRIDGE OF DON
ABERDEEN | |
| | | Total Gross floor area: 5100 sqm | |
| | | Survey date: MONDAY 15/12/97 | Survey Type: MANUAL |
| 2 | BU-02-B-01 | BUSINESS PARK, HIGH WYCOMBE | BUCKINGHAMSHIRE |
| | | LONDON ROAD | |
| | | HIGH WYCOMBE | |
| | | Total Gross floor area: 13300 sqm | |
| | | Survey date: THURSDAY 08/07/04 | Survey Type: MANUAL |
| 3 | CA-02-B-01 | CAMBRIDGE SCIENCE PARK | CAMBRIDGESHIRE |
| | | MILTON ROAD | |
| | | CAMBRIDGE | |
| | | Total Gross floor area: 118448 sqm | |
| | | Survey date: MONDAY 27/11/00 | Survey Type: MANUAL |
| 4 | CF-02-B-01 | BUSINESS PARK, CARDIFF | CARDIFF |
| | | FORTRAN ROAD
ST MELLONS
CARDIFF | |
| | | Total Gross floor area: 12000 sqm | |
| | | Survey date: WEDNESDAY 18/10/06 | Survey Type: MANUAL |
| 5 | DL-02-B-01 | BUSINESS PARK, DUBLIN | DUBLIN |
| | | ALFIE BYRNE ROAD
DUBLIN PORT
DUBLIN | |
| | | Total Gross floor area: 116000 sqm | |
| | | Survey date: THURSDAY 10/07/03 | Survey Type: MANUAL |
| 6 | GA-02-B-01 | BUSINESS PARK, GALWAY | GALWAY |
| | | WELLPARK ROAD | |
| | | GALWAY | |
| | | Total Gross floor area: 46175 sqm | |
| | | Survey date: WEDNESDAY 20/09/06 | Survey Type: MANUAL |
| 7 | KI-02-B-01 | BUSINESS PARK, KINGSTON | KINGSTON |
| | | CANBURY PARK ROAD | |
| | | KINGSTON | |
| | | Total Gross floor area: 5250 sqm | |
| | | Survey date: MONDAY 19/04/04 | Survey Type: MANUAL |
| 8 | OX-02-B-01 | BUSINESS PARK, OXFORD | OXFORDSHIRE |
| | | GARSINGTON ROAD
COWLEY
OXFORD | |
| | | Total Gross floor area: 33105 sqm | |
| | | Survey date: TUESDAY 21/10/03 | Survey Type: MANUAL |

LIST OF SITES relevant to selection parameters (Cont.)

9	SH-02-B-01	BUSINESS PARK, SHREWSBURY	SHROPSHIRE
		WELSHPOOL ROAD	
		SHREWSBURY	
		Total Gross floor area:	17197 sqm
		Survey date: <i>TUESDAY</i>	<i>14/06/05</i>
			Survey Type: <i>MANUAL</i>
10	WM-02-B-01	BUSINESS PARK, COVENTRY	WEST MIDLANDS
		COURTALD WAY	
		FOLESHILL	
		COVENTRY	
		Total Gross floor area:	30042 sqm
		Survey date: <i>FRIDAY</i>	<i>10/02/06</i>
			Survey Type: <i>MANUAL</i>

TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK

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	10	39662	0.143	10	39662	0.034	10	39662	0.177
07:30 - 08:00	10	39662	0.322	10	39662	0.044	10	39662	0.366
08:00 - 08:30	10	39662	0.504	10	39662	0.076	10	39662	0.580
08:30 - 09:00	10	39662	0.533	10	39662	0.070	10	39662	0.603
09:00 - 09:30	10	39662	0.429	10	39662	0.081	10	39662	0.510
09:30 - 10:00	10	39662	0.264	10	39662	0.083	10	39662	0.347
10:00 - 10:30	10	39662	0.150	10	39662	0.072	10	39662	0.222
10:30 - 11:00	10	39662	0.115	10	39662	0.076	10	39662	0.191
11:00 - 11:30	10	39662	0.117	10	39662	0.082	10	39662	0.199
11:30 - 12:00	10	39662	0.083	10	39662	0.106	10	39662	0.189
12:00 - 12:30	10	39662	0.117	10	39662	0.217	10	39662	0.334
12:30 - 13:00	10	39662	0.165	10	39662	0.210	10	39662	0.375
13:00 - 13:30	10	39662	0.207	10	39662	0.202	10	39662	0.409
13:30 - 14:00	10	39662	0.216	10	39662	0.133	10	39662	0.349
14:00 - 14:30	10	39662	0.133	10	39662	0.147	10	39662	0.280
14:30 - 15:00	10	39662	0.109	10	39662	0.122	10	39662	0.231
15:00 - 15:30	10	39662	0.091	10	39662	0.145	10	39662	0.236
15:30 - 16:00	10	39662	0.083	10	39662	0.172	10	39662	0.255
16:00 - 16:30	10	39662	0.072	10	39662	0.285	10	39662	0.357
16:30 - 17:00	10	39662	0.062	10	39662	0.367	10	39662	0.429
17:00 - 17:30	10	39662	0.067	10	39662	0.439	10	39662	0.506
17:30 - 18:00	10	39662	0.058	10	39662	0.413	10	39662	0.471
18:00 - 18:30	10	39662	0.035	10	39662	0.255	10	39662	0.290
18:30 - 19:00	10	39662	0.027	10	39662	0.150	10	39662	0.177
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:			4.102			3.981			8.083

Parameter summary

Trip rate parameter range selected:	5050 - 118448 (units: sqm)
Survey date date range:	01/01/97 - 24/09/07
Number of weekdays (Monday-Friday):	10
Number of Saturdays:	0
Number of Sundays:	0
Optional parameters used in selection:	NO
Surveys manually removed from selection:	0

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

VEHICLESSelected regions and areas:

02	SOUTH EAST	
	ES EAST SUSSEX	1 days
	WS WEST SUSSEX	2 days
03	SOUTH WEST	
	DC DORSET	1 days
	WL WILTSHIRE	1 days
04	EAST ANGLIA	
	NF NORFOLK	1 days
	SF SUFFOLK	1 days
05	EAST MIDLANDS	
	DS DERBYSHIRE	1 days
	LN LINCOLNSHIRE	1 days
	NT NOTTINGHAMSHIRE	1 days
06	WEST MIDLANDS	
	ST STAFFORDSHIRE	1 days
	WM WEST MIDLANDS	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	KH KINGSTON UPON HULL	1 days
	NY NORTH YORKSHIRE	1 days
	WY WEST YORKSHIRE	2 days
08	NORTH WEST	
	LC LANCASHIRE	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

Main parameter selection:

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

Date Range: 01/01/97 to 11/09/07

Selected survey days:

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

Selected survey types:

Manual count	21 days
Directional ATC Count	1 days

Optional parameter selection:Use Class:

Not Known	12 days
B1	2 days
B2	5 days
D2	1 days

Location:Location Sub Category:

Neighbourhood Centre (PPS6 Local Centre)		1 days
Suburban Area (PPS6 Out of Centre)		2 days
Suburban Area (PPS6 Out of Centre)	Industrial Zone	2 days
Edge of Town		4 days
Edge of Town	Commercial Zone	1 days
Edge of Town	Industrial Zone	8 days
Edge of Town Centre		1 days
Free Standing (PPS6 Out of Town)		3 days

Population within 1 mile:

1,000 or Less	2 days
1,001 to 5,000	4 days
5,001 to 10,000	5 days
10,001 to 15,000	3 days
15,001 to 20,000	6 days
20,001 to 25,000	2 days

Population within 5 miles:

5,001 to 25,000	4 days
25,001 to 50,000	3 days
50,001 to 75,000	2 days
75,001 to 100,000	3 days
100,001 to 125,000	1 days
125,001 to 250,000	5 days
250,001 to 500,000	3 days
500,001 or More	1 days

Car ownership within 5 miles:

0.6 to 1.0	9 days
1.1 to 1.5	13 days

Buses/Trains per day (both directions):

<u>Frequency</u>	<u>Per Hour</u>	<u>Per Day</u>	<u>Surveys</u>
Not Known			0 days
0	0	0	4 days
<20 per day	1	20	0 days
20-39 per day	2	40	1 days
40-59 per day	3	60	0 days
60-79 per day	4	80	1 days
80+ per day	> 4	> 80	3 days

Travel Plan:

Not Known	6 days
No	16 days

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 | DC-02-D-19 | IND.UNITS,FERNDOWN | DORSET |
| | | JOHNSON ROAD | |
| | | FERNDOWN | |
| | | Total Gross floor area: 6660 sqm | |
| | | Survey date: THURSDAY 07/05/98 | Survey Type: MANUAL |
| 3 | DH-02-D-01 | INDUSTRIAL ESTATE,NR STANLEY | DURHAM |
| | | PARKWAY | |
| | | ANNFIELD PLAIN | |
| | | NEAR STANLEY | |
| | | Total Gross floor area: 12025 sqm | |
| | | Survey date: WEDNESDAY 27/04/05 | Survey Type: MANUAL |
| 4 | DS-02-D-01 | IND. ESTATE,SOUTH NORMANTON | DERBYSHIRE |
| | | BERRISTOW LANE | |
| | | SOUTH NORMANTON | |
| | | Total Gross floor area: 92286 sqm | |
| | | Survey date: TUESDAY 15/06/04 | Survey Type: MANUAL |
| 5 | ES-02-D-04 | IND. ESTATE, NEAR HASTINGS | EAST SUSSEX |
| | | WHEEL LANE | |
| | | WESTFIELD | |
| | | NEAR HASTINGS | |
| | | Total Gross floor area: 2016 sqm | |
| | | Survey date: WEDNESDAY 13/06/01 | Survey Type: MANUAL |
| 6 | KH-02-D-02 | INDUSTRIAL ESTATE, HULL | KINGSTON UPON HULL |
| | | BOULEVARD STREET | |
| | | HULL | |
| | | Total Gross floor area: 2220 sqm | |
| | | Survey date: THURSDAY 18/10/01 | Survey Type: MANUAL |
| 7 | LC-02-D-04 | INDUSTRIAL ESTATE, GARSTANG | LANCASHIRE |
| | | GREEN LANE WEST | |
| | | GARSTANG | |
| | | Total Gross floor area: 4555 sqm | |
| | | Survey date: FRIDAY 16/06/06 | Survey Type: MANUAL |
| 8 | 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 |

LIST OF SITES relevant to selection parameters (Cont.)

9	MS-02-D-05	INDUSTRIAL ESTATE, ST HELENS	MERSEYSIDE
		BROAD OAK ROAD	
		ST HELENS	
		Total Gross floor area: 11700 sqm	
		Survey date: TUESDAY 18/10/05	Survey Type: MANUAL
10	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
11	NF-02-D-02	INDUSTRIAL ESTATE, DEREHAM	NORFOLK
		RASHES GREEN	
		BRECKLAND	
		DEREHAM	
		Total Gross floor area: 51000 sqm	
		Survey date: WEDNESDAY 22/11/00	Survey Type: MANUAL
12	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
13	NY-02-D-01	IND. ESTATE, NEAR LEEDS	NORTH YORKSHIRE
		AVIATION WAY	
		SHERBURN-IN-ELMET	
		NEAR LEEDS	
		Total Gross floor area: 1197 sqm	
		Survey date: TUESDAY 19/04/05	Survey Type: MANUAL
14	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
15	ST-02-D-04	INDUSTRIAL ESTATE, LICHFIELD	STAFFORDSHIRE
		BURTON OLD ROAD	
		BOLEY PARK	
		LICHFIELD	
		Total Gross floor area: 40905 sqm	
		Survey date: FRIDAY 08/09/00	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

16	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
17	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
18	WM-02-D-01	LIGHT INDUSTRY, BIRMINGHAM	WEST MIDLANDS
		MELCHETT ROAD KINGS NORTON BIRMINGHAM	
		Total Gross floor area: 2510 sqm	
		Survey date: FRIDAY 24/03/00	Survey Type: MANUAL
19	WS-02-D-04	IND. ESTATE, NEAR PULBOROUGH	WEST SUSSEX
		BROOK LANE GREATHAM BRIDGE NEAR PULBOROUGH	
		Total Gross floor area: 1216 sqm	
		Survey date: WEDNESDAY 02/10/02	Survey Type: MANUAL
20	WS-02-D-05	INDUSTRIAL ESTATE, BOLNEY GRANGEWEST SUSSEX	
		STAIRBRIDGE LANE BOLNEY BURGESS HILL	
		Total Gross floor area: 5858 sqm	
		Survey date: WEDNESDAY 24/09/03	Survey Type: DIRECTIONAL
21	WY-02-D-01	INDUSTRIAL ESTATE, LEEDS	WEST YORKSHIRE
		PARK HOUSE WEST	
		LEEDS	
		Total Gross floor area: 4225 sqm	
		Survey date: TUESDAY 19/04/05	Survey Type: MANUAL
22	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	21	17153	0.139	21	17153	0.073	21	17153	0.212
07:30 - 08:00	21	17153	0.258	21	17153	0.087	21	17153	0.345
08:00 - 08:30	22	16487	0.250	22	16487	0.105	22	16487	0.355
08:30 - 09:00	22	16487	0.263	22	16487	0.108	22	16487	0.371
09:00 - 09:30	22	16487	0.173	22	16487	0.116	22	16487	0.289
09:30 - 10:00	22	16487	0.132	22	16487	0.137	22	16487	0.269
10:00 - 10:30	22	16487	0.146	22	16487	0.141	22	16487	0.287
10:30 - 11:00	22	16487	0.134	22	16487	0.135	22	16487	0.269
11:00 - 11:30	22	16487	0.145	22	16487	0.147	22	16487	0.292
11:30 - 12:00	22	16487	0.152	22	16487	0.153	22	16487	0.305
12:00 - 12:30	22	16487	0.143	22	16487	0.183	22	16487	0.326
12:30 - 13:00	22	16487	0.149	22	16487	0.174	22	16487	0.323
13:00 - 13:30	22	16487	0.171	22	16487	0.166	22	16487	0.337
13:30 - 14:00	22	16487	0.171	22	16487	0.144	22	16487	0.315
14:00 - 14:30	22	16487	0.142	22	16487	0.155	22	16487	0.297
14:30 - 15:00	22	16487	0.128	22	16487	0.151	22	16487	0.279
15:00 - 15:30	22	16487	0.127	22	16487	0.140	22	16487	0.267
15:30 - 16:00	22	16487	0.129	22	16487	0.162	22	16487	0.291
16:00 - 16:30	22	16487	0.119	22	16487	0.211	22	16487	0.330
16:30 - 17:00	22	16487	0.113	22	16487	0.240	22	16487	0.353
17:00 - 17:30	22	16487	0.080	22	16487	0.285	22	16487	0.365
17:30 - 18:00	22	16487	0.060	22	16487	0.173	22	16487	0.233
18:00 - 18:30	21	17153	0.045	21	17153	0.100	21	17153	0.145
18:30 - 19:00	21	17153	0.032	21	17153	0.053	21	17153	0.085
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:			3.862			3.760			7.622

Parameter summary

Trip rate parameter range selected:	708 - 234115 (units: sqm)
Survey date date range:	01/01/97 - 11/09/07
Number of weekdays (Monday-Friday):	22
Number of Saturdays:	0
Number of Sundays:	0
Optional parameters used in selection:	NO
Surveys manually removed from selection:	4

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 07 - LEISURE
 Category : A - MULTIPLEX CINEMAS

VEHICLESSelected regions and areas:

02 SOUTH EAST	
KC KENT	1 days
06 WEST MIDLANDS	
WM WEST MIDLANDS	1 days
08 NORTH WEST	
LC LANCASHIRE	1 days

Main parameter selection:

Parameter: Gross floor area
 Range: 2323 to 7828 (units: sqm)

Date Range: 01/01/97 to 11/09/07

Selected survey days:

Friday 3 days

Selected survey types:

Manual count 3 days
 Directional ATC Count 0 days

Optional parameter selection:Use Class:

D2 3 days

Location:

Suburban Area (PPS6 Out of Centre)
 Edge of Town

Location Sub Category:

Development Zone 1 days
 2 days

Population within 1 mile:

15,001 to 20,000 2 days
 20,001 to 25,000 1 days

Population within 5 miles:

50,001 to 75,000 1 days
 125,001 to 250,000 2 days

Car ownership within 5 miles:

0.6 to 1.0 3 days

Optional parameter selection (Cont.):*Buses/Trains per day (both directions):*

<u>Frequency</u>	<u>Per Hour</u>	<u>Per Day</u>	<u>Surveys</u>
Not Known			0 days
0	0	0	0 days
<20 per day	1	20	1 days
20-39 per day	2	40	0 days
40-59 per day	3	60	0 days
60-79 per day	4	80	1 days
80+ per day	> 4	> 80	1 days

Travel Plan:

Not Known 3 days

LIST OF SITES relevant to selection parameters

- | | | | |
|----------|-------------------|---|----------------------|
| 1 | KC-07-A-01 | VIRGIN,STROOD | KENT |
| | | MEDWAY VALLEY PARK
CUXTON
NEAR STROOD | |
| | | Total Gross floor area: 3438 sqm | |
| | | Survey date: FRIDAY 28/11/97 | Survey Type: MANUAL |
| 2 | LC-07-A-02 | UCI,PRESTON | LANCASHIRE |
| | | PORTWAY
PRESTON DOCKLANDS DEVELOPMENT
PRESTON | |
| | | Total Gross floor area: 3251 sqm | |
| | | Survey date: FRIDAY 20/03/98 | Survey Type: MANUAL |
| 3 | WM-07-A-01 | UGC CINEMA, BIRMINGHAM | WEST MIDLANDS |
| | | PARK WAY
REDNAL
BIRMINGHAM | |
| | | Total Gross floor area: 5800 sqm | |
| | | Survey date: FRIDAY 17/08/01 | Survey Type: MANUAL |

TRIP RATE for Land Use 07 - LEISURE/A - MULTIPLEX CINEMAS

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	3	4163	0.360	3	4163	2.859	3	4163	3.219
01:00 - 02:00	1	3438	0.204	1	3438	2.589	1	3438	2.793
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	1	3438	0.553	1	3438	0.465	1	3438	1.018
11:00 - 12:00	2	4619	0.898	2	4619	0.574	2	4619	1.472
12:00 - 13:00	3	4163	1.874	3	4163	1.633	3	4163	3.507
13:00 - 14:00	3	4163	1.938	3	4163	1.577	3	4163	3.515
14:00 - 15:00	3	4163	1.481	3	4163	1.505	3	4163	2.986
15:00 - 16:00	3	4163	1.786	3	4163	1.601	3	4163	3.387
16:00 - 17:00	3	4163	2.034	3	4163	1.714	3	4163	3.748
17:00 - 18:00	3	4163	2.394	3	4163	2.274	3	4163	4.668
18:00 - 19:00	3	4163	4.596	3	4163	3.187	3	4163	7.783
19:00 - 20:00	3	4163	5.509	3	4163	2.450	3	4163	7.959
20:00 - 21:00	3	4163	7.222	3	4163	4.108	3	4163	11.330
21:00 - 22:00	3	4163	7.134	3	4163	5.365	3	4163	12.499
22:00 - 23:00	3	4163	1.617	3	4163	3.203	3	4163	4.820
23:00 - 24:00	3	4163	1.193	3	4163	7.447	3	4163	8.640
Total Rates:			40.793			42.551			83.344

Parameter summary

Trip rate parameter range selected: 2323 - 7828 (units: sqm)
 Survey date date range: 01/01/97 - 11/09/07
 Number of weekdays (Monday-Friday): 3
 Number of Saturdays: 0
 Number of Sundays: 0
 Optional parameters used in selection: NO
 Surveys manually removed from selection: 0

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 01 - RETAIL

Category : K - RETAIL PARK - EXCLUDING FOOD

VEHICLESSelected regions and areas:**02 SOUTH EAST**

ES	EAST SUSSEX	1 days
HC	HAMPSHIRE	2 days
KC	KENT	1 days
SC	SURREY	1 days

06 WEST MIDLANDS

ST	STAFFORDSHIRE	1 days
WM	WEST MIDLANDS	1 days
WO	WORCESTERSHIRE	1 days

08 NORTH WEST

GM	GREATER MANCHESTER	4 days
LC	LANCASHIRE	1 days
MS	MERSEYSIDE	1 days

Main parameter selection:

Parameter: Gross floor area
Range: 3146 to 35244 (units: sqm)

Date Range: 01/01/97 to 24/09/07

Selected survey days:

Thursday	3 days
Friday	11 days

Selected survey types:

Manual count	14 days
Directional ATC Count	0 days

Optional parameter selection:Use Class:

Not Known	1 days
A1	13 days

Location:Location Sub Category:

Neighbourhood Centre (PPS6 Local Centre)		1 days
Suburban Area (PPS6 Out of Centre)		3 days
Edge of Town		4 days
Edge of Town	Commercial Zone	2 days
Edge of Town	Industrial Zone	1 days
Edge of Town Centre		2 days
Free Standing (PPS6 Out of Town)		1 days

Optional parameter selection (Cont.):Population within 1 mile:

1,001 to 5,000	4 days
10,001 to 15,000	4 days
15,001 to 20,000	1 days
20,001 to 25,000	4 days
25,001 to 50,000	1 days

Population within 5 miles:

50,001 to 75,000	1 days
75,001 to 100,000	3 days
100,001 to 125,000	1 days
125,001 to 250,000	6 days
250,001 to 500,000	3 days

Car ownership within 5 miles:

0.6 to 1.0	7 days
1.1 to 1.5	6 days
2.1 to 2.5	1 days

Buses/Trains per day (both directions):

<u>Frequency</u>	<u>Per Hour</u>	<u>Per Day</u>	<u>Surveys</u>
Not Known			0 days
0	0	0	1 days
<20 per day	1	20	1 days
20-39 per day	2	40	0 days
40-59 per day	3	60	3 days
60-79 per day	4	80	0 days
80+ per day	> 4	> 80	9 days

Petrol filling station:

Excluded from count or no filling station	14 days
Included in the survey count	1 days

Travel Plan:

Not Known	13 days
No	1 days

LIST OF SITES relevant to selection parameters

1	ES-01-K-04	RETAIL PARK, NEWHAVEN	EAST SUSSEX
		THE DROVE	
		NEWHAVEN	
		Total Gross floor area: 6758 sqm	
		Survey date: THURSDAY 03/07/03	Survey Type: MANUAL
2	GM-01-K-05	RET.PK,STOCKPORT	GREATER MANCHESTER
		A626 MANCHESTER ROAD	
		HEATON NORRIS	
		STOCKPORT	
		Total Gross floor area: 9816 sqm	
		Survey date: FRIDAY 21/02/97	Survey Type: MANUAL
3	GM-01-K-11	RET.PK,TRAFFORD	GREATER MANCHESTER
		GEORGE RICHARDS WAY	
		BROADHEATH	
		TRAFFORD	
		Total Gross floor area: 19826 sqm	
		Survey date: FRIDAY 27/03/98	Survey Type: MANUAL
4	GM-01-K-12	RET.PK,TRAFFORD	GREATER MANCHESTER
		BARTON ROAD	
		DAVYHULME	
		TRAFFORD	
		Total Gross floor area: 13550 sqm	
		Survey date: THURSDAY 25/06/98	Survey Type: MANUAL
5	GM-01-K-13	RETAIL PARK, TRAFFORD	GREATER MANCHESTER
		GEORGE RICHARDS WAY	
		BROADHEATH	
		TRAFFORD	
		Total Gross floor area: 19826 sqm	
		Survey date: FRIDAY 05/03/99	Survey Type: MANUAL
6	HC-01-K-02	RETAIL PARK, FAREHAM	HAMPSHIRE
		SOUTHAMPTON ROAD	
		SEGENSWORTH	
		FAREHAM	
		Total Gross floor area: 7907 sqm	
		Survey date: FRIDAY 15/01/99	Survey Type: MANUAL
7	HC-01-K-03	RETAIL PARK, FAREHAM	HAMPSHIRE
		SOUTHAMPTON ROAD	
		SEGENSWORTH	
		FAREHAM	
		Total Gross floor area: 3298 sqm	
		Survey date: FRIDAY 15/01/99	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

8	KC-01-K-01	RETAIL PARK, CHATHAM	KENT
		MAIDSTONE ROAD HORSTED CHATHAM	
		Total Gross floor area: 15568 sqm	
		Survey date: THURSDAY 08/06/00	Survey Type: MANUAL
9	LC-01-K-04	RET.PK,PRESTON	LANCASHIRE
		QUEEN STREET	
		PRESTON	
		Total Gross floor area: 6259 sqm	
		Survey date: FRIDAY 27/06/97	Survey Type: MANUAL
10	MS-01-K-01	RET.PK,SOUTHPORT	MERSEYSIDE
		FOUL LANE MEOLS COP SOUTHPORT	
		Total Gross floor area: 14642 sqm	
		Survey date: FRIDAY 31/10/97	Survey Type: MANUAL
11	SC-01-K-04	BROOKLANDS,WEYBRIDGE	SURREY
		SOPWITH DRIVE	
		WEYBRIDGE	
		Total Gross floor area: 3460 sqm	
		Survey date: FRIDAY 14/11/97	Survey Type: MANUAL
12	ST-01-K-04	RETAIL PARK, STAFFORD	STAFFORDSHIRE
		SILKMORE LANE QUEENSVILLE STAFFORD	
		Total Gross floor area: 15750 sqm	
		Survey date: FRIDAY 08/09/00	Survey Type: MANUAL
13	WM-01-K-01	BATTERY PARK, BIRMINGHAM	WEST MIDLANDS
		HARBORNE LANE SELLY OAK BIRMINGHAM	
		Total Gross floor area: 9740 sqm	
		Survey date: FRIDAY 16/06/00	Survey Type: MANUAL
14	WO-01-K-01	HOMEbase/ALLIED, REDDITCH	WORCESTERSHIRE
		ALVECHURCH HIGHWAY ENFIELD REDDITCH	
		Total Gross floor area: 5854 sqm	
		Survey date: FRIDAY 05/07/02	Survey Type: MANUAL

TRIP RATE for Land Use 01 - RETAIL/K - RETAIL PARK - EXCLUDING FOOD

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	6	12889	0.131	6	12889	0.056	6	12889	0.187
08:00 - 09:00	13	11446	0.539	13	11446	0.265	13	11446	0.804
09:00 - 10:00	14	10875	1.088	14	10875	0.690	14	10875	1.778
10:00 - 11:00	14	10875	1.403	14	10875	1.161	14	10875	2.564
11:00 - 12:00	14	10875	1.564	14	10875	1.402	14	10875	2.966
12:00 - 13:00	14	10875	1.697	14	10875	1.614	14	10875	3.311
13:00 - 14:00	14	10875	1.765	14	10875	1.754	14	10875	3.519
14:00 - 15:00	14	10875	1.653	14	10875	1.685	14	10875	3.338
15:00 - 16:00	14	10875	1.543	14	10875	1.624	14	10875	3.167
16:00 - 17:00	14	10875	1.404	14	10875	1.499	14	10875	2.903
17:00 - 18:00	14	10875	1.224	14	10875	1.339	14	10875	2.563
18:00 - 19:00	14	10875	1.302	14	10875	1.361	14	10875	2.663
19:00 - 20:00	14	10875	0.888	14	10875	1.370	14	10875	2.258
20:00 - 21:00	8	12578	0.341	8	12578	0.605	8	12578	0.946
21:00 - 22:00	6	12889	0.189	6	12889	0.367	6	12889	0.556
22:00 - 23:00	2	17788	0.037	2	17788	0.211	2	17788	0.248
23:00 - 24:00	0	0	0.000	0	0	0.000	0	0	0.000
Total Rates:			16.768			17.003			33.771

Parameter summary

Trip rate parameter range selected: 3146 - 35244 (units: sqm)
 Survey date date range: 01/01/97 - 24/09/07
 Number of weekdays (Monday-Friday): 14
 Number of Saturdays: 0
 Number of Sundays: 0
 Optional parameters used in selection: NO
 Surveys manually removed from selection: 1

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 04 - EDUCATION

Category : B - SECONDARY

VEHICLESSelected regions and areas:

02 SOUTH EAST		
EX ESSEX		1 days
HC HAMPSHIRE		4 days
OX OXFORDSHIRE		1 days
03 SOUTH WEST		
DC DORSET		4 days
05 EAST MIDLANDS		
LE LEICESTERSHIRE		1 days
LN LINCOLNSHIRE		1 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
08 NORTH WEST		
GM GREATER MANCHESTER		1 days
LC LANCASHIRE		1 days
09 NORTH		
CB CUMBRIA		1 days

Main parameter selection:

Parameter: Gross floor area
 Range: 4849 to 13882 (units: sqm)

Date Range: 01/01/97 to 24/09/07

Selected survey days:

Monday	1 days
Tuesday	6 days
Wednesday	3 days
Thursday	9 days

Selected survey types:

Manual count	17 days
Directional ATC Count	2 days

Optional parameter selection:Use Class:

D1	18 days
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Optional parameter selection (Cont.):Location:

Neighbourhood Centre (PPS6 Local Centre)	7 days
Suburban Area (PPS6 Out of Centre)	4 days
Edge of Town	7 days
Edge of Town Centre	1 days

Location Sub Category:Population within 1 mile:

1,001 to 5,000	2 days
5,001 to 10,000	7 days
10,001 to 15,000	3 days
15,001 to 20,000	3 days
20,001 to 25,000	3 days
25,001 to 50,000	1 days

Population within 5 miles:

5,001 to 25,000	3 days
25,001 to 50,000	3 days
50,001 to 75,000	3 days
75,001 to 100,000	2 days
100,001 to 125,000	1 days
125,001 to 250,000	5 days
250,001 to 500,000	2 days

Car ownership within 5 miles:

0.6 to 1.0	10 days
1.1 to 1.5	9 days

Buses/Trains per day (both directions):

<u>Frequency</u>	<u>Per Hour</u>	<u>Per Day</u>	<u>Surveys</u>
Not Known			0 days
0	0	0	1 days
<20 per day	1	20	0 days
20-39 per day	2	40	2 days
40-59 per day	3	60	0 days
60-79 per day	4	80	0 days
80+ per day	> 4	> 80	14 days

Travel Plan:

Not Known	14 days
Yes	1 days
No	4 days

LIST OF SITES relevant to selection parameters

- | | | | |
|---|-------------------------|-------------------------------------|---------------------------|
| 1 | CB-04-B-01 | SECONDARY SCH., WORKINGTON | CUMBRIA |
| | STAINBURN ROAD | | |
| | WORKINGTON | | |
| | Total Gross floor area: | 8450 sqm | |
| | Survey date: | TUESDAY 21/06/05 | Survey Type: MANUAL |
| 2 | DC-04-B-01 | SECONDARY, WEYMOUTH | DORSET |
| | CHICKERELL ROAD | | |
| | CHARLESTOWN | | |
| | WEYMOUTH | | |
| | Total Gross floor area: | 12304 sqm | |
| | Survey date: | TUESDAY 16/11/99 | Survey Type: MANUAL |
| 3 | DC-04-B-02 | SECONDARY SCH, WEYMOUTH | DORSET |
| | SUNNYSIDE ROAD | | |
| | WYKE REGIS | | |
| | WEYMOUTH | | |
| | Total Gross floor area: | 5486 sqm | |
| | Survey date: | THURSDAY 16/11/00 | Survey Type: DIRECTIONAL |
| 4 | DC-04-B-03 | SECONDARY SCHOOL, PORTLAND | DORSET |
| | WESTON ROAD | | |
| | WESTON | | |
| | PORTLAND | | |
| | Total Gross floor area: | 7955 sqm | |
| | Survey date: | WEDNESDAY 19/09/01 | Survey Type: MANUAL |
| 5 | DC-04-B-04 | SECONDARY SCH., SHERBORNE | DORSET |
| | BRISTOL ROAD | | |
| | SHERBORNE | | |
| | Total Gross floor area: | 10272 sqm | |
| | Survey date: | TUESDAY 02/10/01 | Survey Type: MANUAL |
| 6 | EX-04-B-01 | SECONDARY SCH., COLCHESTER | ESSEX |
| | SHEEPEN ROAD | | |
| | COLCHESTER | | |
| | Total Gross floor area: | 9304 sqm | |
| | Survey date: | THURSDAY 29/03/01 | Survey Type: MANUAL |
| 7 | GM-04-B-01 | COMMUNITY HIGH SCHOOL, WIGAN | GREATER MANCHESTER |
| | KENYON ROAD | | |
| | STANDISH | | |
| | WIGAN | | |
| | Total Gross floor area: | 6442 sqm | |
| | Survey date: | THURSDAY 10/12/98 | Survey Type: DIRECTIONAL |
| 8 | HC-04-B-04 | SECONDARY SCHOOL, ANDOVER | HAMPSHIRE |
| | CROYE CLOSE | | |
| | ANDOVER | | |
| | Total Gross floor area: | 8224 sqm | |
| | Survey date: | THURSDAY 03/05/01 | Survey Type: MANUAL |

LIST OF SITES relevant to selection parameters (Cont.)

9	HC-04-B-05	SECONDARY SCHOOL, ALTON	HAMPSHIRE
		LONDON ROAD HOLYBOURNE ALTON	
		Total Gross floor area: 5600 sqm	
		Survey date: TUESDAY 12/11/02	Survey Type: MANUAL
10	HC-04-B-06	SECONDARY SC, WATERLOOVILLE	HAMPSHIRE
		BARTON CROSS HORNDEN WATERLOOVILLE	
		Total Gross floor area: 13882 sqm	
		Survey date: TUESDAY 12/11/02	Survey Type: MANUAL
11	HC-04-B-07	SECONDARY SC, NEW ALRESFORD	HAMPSHIRE
		POUND HILL	
		NEW ALRESFORD	
		Total Gross floor area: 8200 sqm	
		Survey date: THURSDAY 14/11/02	Survey Type: MANUAL
12	KH-04-B-01	PRIVATE SCHOOL, HULL	KINGSTON UPON HULL
		HYMERS AVENUE	
		HULL	
		Total Gross floor area: 5801 sqm	
		Survey date: MONDAY 15/10/01	Survey Type: MANUAL
13	LC-04-B-01	SECONDARY SCHOOL, PRESTON	LANCASHIRE
		ALDWYCH DRIVE ASHTON PRESTON	
		Total Gross floor area: 7650 sqm	
		Survey date: WEDNESDAY 15/09/99	Survey Type: MANUAL
14	LE-04-B-01	GRAMMAR SCH., LUTTERWORTH	LEICESTERSHIRE
		BITTESWELL ROAD	
		LUTTERWORTH	
		Total Gross floor area: 13829 sqm	
		Survey date: TUESDAY 30/01/01	Survey Type: MANUAL
15	LN-04-B-01	SECONDARY SCHOOL, LINCOLN	LINCOLNSHIRE
		WRAGBY ROAD GLEBE LINCOLN	
		Total Gross floor area: 12496 sqm	
		Survey date: THURSDAY 12/09/02	Survey Type: MANUAL
16	OX-04-B-01	SECONDARY SCHOOL, OXFORD	OXFORDSHIRE
		MARSTON FERRY ROAD SUMMERTOWN OXFORD	
		Total Gross floor area: 6040 sqm	
		Survey date: THURSDAY 03/10/02	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

- | | | | |
|-----------|-------------------|----------------------------------|-----------------------|
| 17 | ST-04-B-01 | SECONDARY SCHOOL, STOKE | STAFFORDSHIRE |
| | | SANDON ROAD | |
| | | LIGHTWOOD | |
| | | STOKE-ON-TRENT | |
| | | Total Gross floor area: | 8970 sqm |
| | | Survey date: THURSDAY | 14/11/02 |
| | | | Survey Type: MANUAL |
| 18 | WM-04-B-01 | SECONDARY SCH, BIRMINGHAM | WEST MIDLANDS |
| | | QUEENSBRIDGE ROAD | |
| | | KINGS HEATH | |
| | | BIRMINGHAM | |
| | | Total Gross floor area: | 6000 sqm |
| | | Survey date: THURSDAY | 09/11/00 |
| | | | Survey Type: MANUAL |
| 19 | WO-04-B-01 | SECONDARY SCH., STOURPORT | WORCESTERSHIRE |
| | | MINSTER ROAD | |
| | | STOURPORT-ON-SEVERN | |
| | | Total Gross floor area: | 11875 sqm |
| | | Survey date: WEDNESDAY | 03/05/06 |
| | | | 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	2	5964	0.000	2	5964	0.000	2	5964	0.000
01:00 - 02:00	2	5964	0.000	2	5964	0.000	2	5964	0.000
02:00 - 03:00	2	5964	0.000	2	5964	0.000	2	5964	0.000
03:00 - 04:00	2	5964	0.000	2	5964	0.000	2	5964	0.000
04:00 - 05:00	2	5964	0.000	2	5964	0.000	2	5964	0.000
05:00 - 06:00	2	5964	0.000	2	5964	0.000	2	5964	0.000
06:00 - 07:00	2	5964	0.017	2	5964	0.008	2	5964	0.025
07:00 - 08:00	18	8608	0.273	18	8608	0.066	18	8608	0.339
08:00 - 09:00	19	8883	1.724	19	8883	1.043	19	8883	2.767
09:00 - 10:00	19	8883	0.254	19	8883	0.197	19	8883	0.451
10:00 - 11:00	19	8883	0.125	19	8883	0.105	19	8883	0.230
11:00 - 12:00	19	8883	0.152	19	8883	0.136	19	8883	0.288
12:00 - 13:00	19	8883	0.161	19	8883	0.207	19	8883	0.368
13:00 - 14:00	19	8883	0.217	19	8883	0.192	19	8883	0.409
14:00 - 15:00	19	8883	0.168	19	8883	0.210	19	8883	0.378
15:00 - 16:00	19	8883	0.746	19	8883	0.951	19	8883	1.697
16:00 - 17:00	18	8921	0.299	18	8921	0.671	18	8921	0.970
17:00 - 18:00	18	8921	0.255	18	8921	0.380	18	8921	0.635
18:00 - 19:00	17	9093	0.303	17	9093	0.225	17	9093	0.528
19:00 - 20:00	4	9408	0.454	4	9408	0.260	4	9408	0.714
20:00 - 21:00	4	9408	0.175	4	9408	0.244	4	9408	0.419
21:00 - 22:00	4	9408	0.085	4	9408	0.423	4	9408	0.508
22:00 - 23:00	2	5964	0.184	2	5964	0.528	2	5964	0.712
23:00 - 24:00	2	5964	0.000	2	5964	0.000	2	5964	0.000
Total Rates:			5.592			5.846			11.438

Parameter summary

Trip rate parameter range selected: 4849 - 13882 (units: sqm)
 Survey date date range: 01/01/97 - 24/09/07
 Number of weekdays (Monday-Friday): 19
 Number of Saturdays: 0
 Number of Sundays: 0
 Optional parameters used in selection: NO
 Surveys manually removed from selection: 8

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 07 - LEISURE
 Category : C - SPORTS CENTRES

VEHICLESSelected regions and areas:

02 SOUTH EAST		
ES EAST SUSSEX		1 days
KC KENT		1 days
03 SOUTH WEST		
DC DORSET		2 days
GS GLOUCESTERSHIRE		1 days
06 WEST MIDLANDS		
WM WEST MIDLANDS		1 days
WO WORCESTERSHIRE		2 days
08 NORTH WEST		
GM GREATER MANCHESTER		1 days
MS MERSEYSIDE		1 days
09 NORTH		
CB CUMBRIA		1 days

Main parameter selection:

Parameter: Gross floor area
 Range: 2292 to 7600 (units: sqm)

Date Range: 01/01/97 to 21/09/07

Selected survey days:

Monday	1 days
Tuesday	2 days
Wednesday	2 days
Thursday	3 days
Friday	3 days

Selected survey types:

Manual count	10 days
Directional ATC Count	1 days

Optional parameter selection:Use Class:

D2	11 days
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Optional parameter selection (Cont.):Location:

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

Location Sub Category:

5 days
4 days
2 days

Population within 1 mile:

1,001 to 5,000 1 days
5,001 to 10,000 3 days
10,001 to 15,000 2 days
15,001 to 20,000 1 days
20,001 to 25,000 1 days
25,001 to 50,000 3 days

Population within 5 miles:

5,001 to 25,000 1 days
25,001 to 50,000 3 days
50,001 to 75,000 1 days
75,001 to 100,000 2 days
100,001 to 125,000 1 days
250,001 to 500,000 2 days
500,001 or More 1 days

Car ownership within 5 miles:

0.5 or Less 2 days
0.6 to 1.0 5 days
1.1 to 1.5 3 days
1.6 to 2.0 1 days

Buses/Trains per day (both directions):

<u>Frequency</u>	<u>Per Hour</u>	<u>Per Day</u>	<u>Surveys</u>
Not Known			0 days
0	0	0	1 days
<20 per day	1	20	0 days
20-39 per day	2	40	0 days
40-59 per day	3	60	0 days
60-79 per day	4	80	0 days
80+ per day	> 4	> 80	5 days

Travel Plan:

Not Known 5 days
Yes 1 days
No 5 days

LIST OF SITES relevant to selection parameters

- | | | |
|---|---|---|
| 1 | CB-07-C-01 SPORTS CENTRE, WORKINGTON
NEWLANDS LANE SOUTH
MOORCLOSE
WORKINGTON
Total Gross floor area: 5360 sqm
<i>Survey date: WEDNESDAY</i> 22/06/05 | CUMBRIA

<i>Survey Type: MANUAL</i> |
| 2 | DC-07-C-04 SPORTS C. WEYMOUTH
OFF DORCHESTER ROAD
REDLANDS
WEYMOUTH
Total Gross floor area: 5800 sqm
<i>Survey date: WEDNESDAY</i> 16/09/98 | DORSET

<i>Survey Type: DIRECTIONAL</i> |
| 3 | DC-07-C-05 SPORTS CENTRE, BRIDPORT
SKILLING HILL ROAD
SKILLING
BRIDPORT
Total Gross floor area: 5600 sqm
<i>Survey date: TUESDAY</i> 11/07/00 | DORSET

<i>Survey Type: MANUAL</i> |
| 4 | ES-07-C-02 LEISURE CENTRE, LEWES
MOUNTFIELD ROAD

LEWES
Total Gross floor area: 5000 sqm
<i>Survey date: THURSDAY</i> 03/02/00 | EAST SUSSEX

<i>Survey Type: MANUAL</i> |
| 5 | GM-07-C-04 LEISURE CENTRE, SALE
BROAD ROAD

SALE
Total Gross floor area: 7600 sqm
<i>Survey date: TUESDAY</i> 25/05/04 | GREATER MANCHESTER

<i>Survey Type: MANUAL</i> |
| 6 | GS-07-C-01 LEISURE CENTRE, GLOUCESTER
BRUTON WAY

GLOUCESTER
Total Gross floor area: 5886 sqm
<i>Survey date: MONDAY</i> 24/05/04 | GLOUCESTERSHIRE

<i>Survey Type: MANUAL</i> |
| 7 | KC-07-C-04 LEISURE CENTRE, NR MAIDSTONE
NEW HYTHE LANE
LUNSFORD
NEAR MAIDSTONE
Total Gross floor area: 5240 sqm
<i>Survey date: FRIDAY</i> 20/10/00 | KENT

<i>Survey Type: MANUAL</i> |

LIST OF SITES relevant to selection parameters (Cont.)

8	MS-07-C-01	LEISURE CENTRE, HUYTON	MERSEYSIDE
		ROBY ROAD KNOWSLEY HUYTON-WITH-ROBY	
		Total Gross floor area: 3120 sqm	
		Survey date: THURSDAY 20/10/05	Survey Type: MANUAL
9	WM-07-C-01	SPORTS CENTRE, COVENTRY	WEST MIDLANDS
		LIVINGSTONE ROAD	
		COVENTRY	
		Total Gross floor area: 3280 sqm	
		Survey date: THURSDAY 02/02/06	Survey Type: MANUAL
10	WO-07-C-01	SPORTS CENTRE, DROITWICH	WORCESTERSHIRE
		BRIAR MILL WYCHAVON DROITWICH	
		Total Gross floor area: 6000 sqm	
		Survey date: FRIDAY 21/07/00	Survey Type: MANUAL
11	WO-07-C-02	SPORTS CENTRE, DROITWICH	WORCESTERSHIRE
		BRIAR HILL WYCHAVON DROITWICH SPA	
		Total Gross floor area: 6000 sqm	
		Survey date: FRIDAY 01/07/05	Survey Type: MANUAL

TRIP RATE for Land Use 07 - LEISURE/C - SPORTS CENTRES

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	5800	0.000	1	5800	0.000	1	5800	0.000
01:00 - 02:00	1	5800	0.000	1	5800	0.000	1	5800	0.000
02:00 - 03:00	1	5800	0.000	1	5800	0.000	1	5800	0.000
03:00 - 04:00	1	5800	0.000	1	5800	0.000	1	5800	0.000
04:00 - 05:00	1	5800	0.000	1	5800	0.000	1	5800	0.000
05:00 - 06:00	1	5800	0.000	1	5800	0.000	1	5800	0.000
06:00 - 07:00	2	5700	0.202	2	5700	0.018	2	5700	0.220
07:00 - 08:00	9	5512	0.466	9	5512	0.179	9	5512	0.645
08:00 - 09:00	9	5512	0.566	9	5512	0.478	9	5512	1.044
09:00 - 10:00	9	5512	0.907	9	5512	0.466	9	5512	1.373
10:00 - 11:00	10	5289	0.639	10	5289	0.545	10	5289	1.184
11:00 - 12:00	10	5289	0.528	10	5289	0.664	10	5289	1.192
12:00 - 13:00	11	5353	0.518	11	5353	0.593	11	5353	1.111
13:00 - 14:00	11	5353	0.599	11	5353	0.639	11	5353	1.238
14:00 - 15:00	11	5353	0.559	11	5353	0.554	11	5353	1.113
15:00 - 16:00	11	5353	0.834	11	5353	0.725	11	5353	1.559
16:00 - 17:00	11	5353	1.112	11	5353	0.846	11	5353	1.958
17:00 - 18:00	11	5353	1.263	11	5353	1.097	11	5353	2.360
18:00 - 19:00	11	5353	1.299	11	5353	1.095	11	5353	2.394
19:00 - 20:00	11	5353	1.223	11	5353	1.316	11	5353	2.539
20:00 - 21:00	11	5353	0.691	11	5353	1.061	11	5353	1.752
21:00 - 22:00	11	5353	0.258	11	5353	0.915	11	5353	1.173
22:00 - 23:00	4	5410	0.060	4	5410	0.333	4	5410	0.393
23:00 - 24:00	1	5800	0.017	1	5800	0.293	1	5800	0.310
Total Rates:			11.741			11.817			23.558

Parameter summary

Trip rate parameter range selected: 2292 - 7600 (units: sqm)
 Survey date range: 01/01/97 - 21/09/07
 Number of weekdays (Monday-Friday): 11
 Number of Saturdays: 0
 Number of Sundays: 0
 Optional parameters used in selection: NO
 Surveys manually removed from selection: 4

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 01 - RETAIL
 Category : A - FOOD SUPERSTORE

VEHICLESSelected regions and areas:

02 SOUTH EAST		
ES	EAST SUSSEX	2 days
HC	HAMPSHIRE	3 days
KC	KENT	2 days
WS	WEST SUSSEX	1 days
03 SOUTH WEST		
DC	DORSET	5 days
04 EAST ANGLIA		
NF	NORFOLK	1 days
05 EAST MIDLANDS		
NT	NOTTINGHAMSHIRE	4 days
06 WEST MIDLANDS		
ST	STAFFORDSHIRE	1 days
07 YORKSHIRE & NORTH LINCOLNSHIRE		
SY	SOUTH YORKSHIRE	1 days
08 NORTH WEST		
GM	GREATER MANCHESTER	4 days
LC	LANCASHIRE	1 days
09 NORTH		
CB	CUMBRIA	2 days
DH	DURHAM	1 days
10 WALES		
WR	WREXHAM	2 days

Main parameter selection:

Parameter: Gross floor area
 Range: 5016 to 12642 (units: sqm)

Date Range: 01/01/97 to 24/09/07

Selected survey days:

Tuesday	1 days
Wednesday	1 days
Thursday	2 days
Friday	26 days

Selected survey types:

Manual count	27 days
Directional ATC Count	3 days

Optional parameter selection:Use Class:

A1 30 days

Location:Location Sub Category:

Town Centre		1 days
Town Centre	Industrial Zone	1 days
Suburban Area (PPS6 Out of Centre)		5 days
Suburban Area (PPS6 Out of Centre)	Industrial Zone	3 days
Edge of Town		13 days
Edge of Town	Industrial Zone	1 days
Edge of Town Centre		6 days

Population within 1 mile:

1,001 to 5,000	4 days
5,001 to 10,000	3 days
10,001 to 15,000	7 days
15,001 to 20,000	7 days
20,001 to 25,000	5 days
25,001 to 50,000	4 days

Population within 5 miles:

25,001 to 50,000	2 days
50,001 to 75,000	4 days
75,001 to 100,000	2 days
100,001 to 125,000	6 days
125,001 to 250,000	8 days
250,001 to 500,000	7 days
500,001 or More	1 days

Car ownership within 5 miles:

0.5 or Less	2 days
0.6 to 1.0	18 days
1.1 to 1.5	9 days

Buses/Trains per day (both directions):

<u>Frequency</u>	<u>Per Hour</u>	<u>Per Day</u>	<u>Surveys</u>
Not Known			0 days
0	0	0	1 days
<20 per day	1	20	0 days
20-39 per day	2	40	3 days
40-59 per day	3	60	3 days
60-79 per day	4	80	2 days
80+ per day	> 4	> 80	20 days

Petrol filling station:

Excluded from count or no filling station	10 days
Included in the survey count	30 days

Travel Plan:

Not Known	22 days
No	8 days

LIST OF SITES relevant to selection parameters

- | | | | |
|----------|-------------------|-----------------------------------|--------------------------|
| 1 | CB-01-A-04 | MORRISONS, CARLISLE | CUMBRIA |
| | | KINGSTOWN ROAD | |
| | | CARLISLE | |
| | | Total Gross floor area: 7800 sqm | |
| | | Survey date: FRIDAY 31/10/03 | Survey Type: MANUAL |
| 2 | CB-01-A-05 | TESCO, CARLISLE | CUMBRIA |
| | | WARWICK ROAD | |
| | | CARLISLE | |
| | | Total Gross floor area: 6050 sqm | |
| | | Survey date: FRIDAY 31/10/03 | Survey Type: MANUAL |
| 3 | DC-01-A-07 | SAINSBURYS, CHRISTCHURCH | DORSET |
| | | A35 LYNDHURST ROAD | |
| | | SOMERFORD | |
| | | CHRISTCHURCH | |
| | | Total Gross floor area: 5720 sqm | |
| | | Survey date: FRIDAY 19/09/97 | Survey Type: MANUAL |
| 4 | DC-01-A-12 | SAFEWAY, WEYMOUTH | DORSET |
| | | DORCHESTER ROAD | |
| | | RADIPOLE | |
| | | WEYMOUTH | |
| | | Total Gross floor area: 5156 sqm | |
| | | Survey date: FRIDAY 14/07/00 | Survey Type: MANUAL |
| 5 | DC-01-A-14 | SAINSBURYS, CHRISTCHURCH | DORSET |
| | | A35 LYNDHURST ROAD | |
| | | SOMERFORD | |
| | | CHRISTCHURCH | |
| | | Total Gross floor area: 5720 sqm | |
| | | Survey date: FRIDAY 11/08/00 | Survey Type: MANUAL |
| 6 | DC-01-A-15 | TESCO, BOURNEMOUTH | DORSET |
| | | RIVERSIDE AVENUE | |
| | | LITTLEDOWN | |
| | | BOURNEMOUTH | |
| | | Total Gross floor area: 6780 sqm | |
| | | Survey date: FRIDAY 16/06/00 | Survey Type: DIRECTIONAL |
| 7 | DC-01-A-16 | TESCO, POOLE | DORSET |
| | | WATERLOO ROAD | |
| | | HAMWORTHY | |
| | | POOLE | |
| | | Total Gross floor area: 5574 sqm | |
| | | Survey date: FRIDAY 16/06/00 | Survey Type: DIRECTIONAL |
| 8 | DH-01-A-01 | MORRISONS, BISHOP AUCKLAND | DURHAM |
| | | BOB HARDISTY DRIVE | |
| | | BISHOP AUCKLAND | |
| | | Total Gross floor area: 6721 sqm | |
| | | Survey date: THURSDAY 06/07/00 | Survey Type: MANUAL |

LIST OF SITES relevant to selection parameters (Cont.)

9	ES-01-A-13	ASDA, BRIGHTON	EAST SUSSEX
		CROWHURST ROAD HOLLINGBURY BRIGHTON	
		Total Gross floor area: 9500 sqm	
		Survey date: FRIDAY 09/06/00	Survey Type: MANUAL
10	ES-01-A-14	TESCO, EASTBOURNE	EAST SUSSEX
		LOTTBRIDGE DROVE	
		EASTBOURNE	
		Total Gross floor area: 8376 sqm	
		Survey date: FRIDAY 19/10/01	Survey Type: MANUAL
11	GM-01-A-20	MORRISONS, BOLTON	GREATER MANCHESTER
		BLACKHORSE STREET	
		BOLTON	
		Total Gross floor area: 6503 sqm	
		Survey date: FRIDAY 12/06/98	Survey Type: MANUAL
12	GM-01-A-21	TESCO, MANCHESTER	GREATER MANCHESTER
		ALTRINCHAM ROAD BAGULEY MANCHESTER	
		Total Gross floor area: 5864 sqm	
		Survey date: FRIDAY 27/03/98	Survey Type: MANUAL
13	GM-01-A-23	ASDA, TAMESIDE	GREATER MANCHESTER
		CAVENDISH STREET ASHTON-UNDER-LYNE TAMESIDE	
		Total Gross floor area: 9244 sqm	
		Survey date: FRIDAY 03/07/98	Survey Type: MANUAL
14	GM-01-A-24	TESCO, MANCHESTER	GREATER MANCHESTER
		BURY NEW ROAD PRESTWICH MANCHESTER	
		Total Gross floor area: 6990 sqm	
		Survey date: FRIDAY 11/09/98	Survey Type: DIRECTIONAL
15	HC-01-A-02	SAINSBURYS, FAREHAM	HAMPSHIRE
		WALLINGTON WAY BROADCUT FAREHAM	
		Total Gross floor area: 6210 sqm	
		Survey date: FRIDAY 08/01/99	Survey Type: MANUAL
16	HC-01-A-03	SAFeway, HORNDEAN	HAMPSHIRE
		LAKESMERE ROAD CAUSEWAY HORNDEAN	
		Total Gross floor area: 5017 sqm	
		Survey date: WEDNESDAY 29/11/00	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

17	HC-01-A-04	ASDA, EASTLEIGH	HAMPSHIRE
		BOURNEMOUTH ROAD	
		EASTLEIGH	
		Total Gross floor area: 9800 sqm	
		Survey date: TUESDAY 03/06/03	Survey Type: MANUAL
18	KC-01-A-17	TESCO, MAIDSTONE	KENT
		LEYBOURNE WAY	
		LARKFIELD	
		MAIDSTONE	
		Total Gross floor area: 6038 sqm	
		Survey date: FRIDAY 05/11/99	Survey Type: MANUAL
19	KC-01-A-19	SAFEWAY, GRAVESEND	KENT
		COLDHARBOUR ROAD	
		NORTHFLEET	
		GRAVESEND	
		Total Gross floor area: 5439 sqm	
		Survey date: THURSDAY 18/09/03	Survey Type: MANUAL
20	LC-01-A-17	MORRISONS, BLACKBURN	LANCASHIRE
		SALFORD STREET	
		BLACKBURN	
		Total Gross floor area: 9223 sqm	
		Survey date: FRIDAY 19/05/00	Survey Type: MANUAL
21	NF-01-A-03	SAINSBURYS, NORWICH	NORFOLK
		QUEENS ROAD	
		NORWICH	
		Total Gross floor area: 5810 sqm	
		Survey date: FRIDAY 17/11/00	Survey Type: MANUAL
22	NT-01-A-01	ASDA, NOTTINGHAM	NOTTINGHAMSHIRE
		LOUGHBOROUGH ROAD	
		WEST BRIDGFORD	
		NOTTINGHAM	
		Total Gross floor area: 10076 sqm	
		Survey date: FRIDAY 30/06/00	Survey Type: MANUAL
23	NT-01-A-02	ASDA, MANSFIELD	NOTTINGHAMSHIRE
		OLD MILL LANE	
		FOREST TOWN	
		MANSFIELD	
		Total Gross floor area: 8081 sqm	
		Survey date: FRIDAY 08/12/00	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

24	NT-01-A-03	SAFEWAY	NOTTINGHAMSHIRE
	LINGS BAR ROAD		
	GAMSTON		
	NOTTINGHAM		
	Total Gross floor area:	5016 sqm	
	Survey date: FRIDAY	08/12/00	Survey Type: MANUAL
25	NT-01-A-04	SAINSBURYS, NOTTINGHAM	NOTTINGHAMSHIRE
	NOTTINGHAM ROAD		
	ARNOLD		
	NOTTINGHAM		
	Total Gross floor area:	6594 sqm	
	Survey date: FRIDAY	12/09/03	Survey Type: MANUAL
26	ST-01-A-01	ASDA, STAFFORD	STAFFORDSHIRE
	QUEENSWAY		
	STAFFORD		
	Total Gross floor area:	7897 sqm	
	Survey date: FRIDAY	14/07/00	Survey Type: MANUAL
27	SY-01-A-01	TESCO, BARNSELY	SOUTH YORKSHIRE
	WOMBWELL LANE		
	BARNSELY		
	Total Gross floor area:	7000 sqm	
	Survey date: FRIDAY	11/04/03	Survey Type: MANUAL
28	WR-01-A-01	SAINSBURYS	WREXHAM
	PLAS COCH ROAD		
	RHOSDDU		
	WREXHAM		
	Total Gross floor area:	7075 sqm	
	Survey date: FRIDAY	26/09/03	Survey Type: MANUAL
29	WR-01-A-02	TESCOS	WREXHAM
	PONTERWYL		
	MOLD		
	Total Gross floor area:	6000 sqm	
	Survey date: FRIDAY	19/09/03	Survey Type: MANUAL
30	WS-01-A-10	TESCO, CHICHESTER	WEST SUSSEX
	FISHBOURNE ROAD EAST		
	FISHBOURNE		
	CHICHESTER		
	Total Gross floor area:	6170 sqm	
	Survey date: FRIDAY	21/07/00	Survey Type: MANUAL

TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE

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	5	7559	0.698	5	7559	0.997	5	7559	1.695
01:00 - 02:00	4	6930	0.440	4	6930	0.577	4	6930	1.017
02:00 - 03:00	4	6930	0.343	4	6930	0.382	4	6930	0.725
03:00 - 04:00	4	6930	0.263	4	6930	0.289	4	6930	0.552
04:00 - 05:00	4	6930	0.238	4	6930	0.242	4	6930	0.480
05:00 - 06:00	4	6930	0.548	4	6930	0.350	4	6930	0.898
06:00 - 07:00	5	6752	1.241	5	6752	1.046	5	6752	2.287
07:00 - 08:00	23	6711	1.898	23	6711	1.326	23	6711	3.224
08:00 - 09:00	30	6915	3.990	30	6915	2.434	30	6915	6.424
09:00 - 10:00	30	6915	5.934	30	6915	3.950	30	6915	9.884
10:00 - 11:00	30	6915	6.345	30	6915	5.483	30	6915	11.828
11:00 - 12:00	30	6915	6.247	30	6915	6.361	30	6915	12.608
12:00 - 13:00	30	6915	6.565	30	6915	6.636	30	6915	13.201
13:00 - 14:00	30	6915	6.584	30	6915	6.572	30	6915	13.156
14:00 - 15:00	30	6915	6.326	30	6915	6.501	30	6915	12.827
15:00 - 16:00	30	6915	6.230	30	6915	6.517	30	6915	12.747
16:00 - 17:00	30	6915	6.877	30	6915	6.744	30	6915	13.621
17:00 - 18:00	30	6915	7.041	30	6915	7.281	30	6915	14.322
18:00 - 19:00	29	6921	6.573	29	6921	7.144	29	6921	13.717
19:00 - 20:00	27	6885	4.939	27	6885	6.155	27	6885	11.094
20:00 - 21:00	25	6807	3.758	25	6807	4.774	25	6807	8.532
21:00 - 22:00	25	6807	2.426	25	6807	3.185	25	6807	5.611
22:00 - 23:00	17	6771	1.215	17	6771	1.858	17	6771	3.073
23:00 - 24:00	6	7306	1.433	6	7306	2.108	6	7306	3.541
Total Rates:			88.152			88.912			177.064

Parameter summary

Trip rate parameter range selected: 5016 - 12642 (units: sqm)
 Survey date date range: 01/01/97 - 24/09/07
 Number of weekdays (Monday-Friday): 30
 Number of Saturdays: 0
 Number of Sundays: 0
 Optional parameters used in selection: NO
 Surveys manually removed from selection: 10