

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL
 Category : A - HOUSES PRIVATELY OWNED
 MULTI-MODAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	EX ESSEX	1 days
03	SOUTH WEST	
	CW CORNWALL	1 days
	WL WILTSHIRE	1 days
04	EAST ANGLIA	
	NF NORFOLK	1 days
	SF SUFFOLK	3 days
05	EAST MIDLANDS	
	LN LINCOLNSHIRE	2 days
	NT NOTTINGHAMSHIRE	1 days
06	WEST MIDLANDS	
	SH SHROPSHIRE	1 days
	WM WEST MIDLANDS	2 days
	WO WORCESTERSHIRE	2 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	3 days
08	NORTH WEST	
	CH CHESHIRE	1 days
	LC LANCASHIRE	1 days
09	NORTH	
	CB CUMBRIA	1 days
	TV TEES VALLEY	1 days

Filtering Stage 2 selection:

Parameter: Number of dwellings
 Actual Range: 52 to 237 (units:)
 Range Selected by User: 50 to 250 (units:)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/05 to 22/10/12

Selected survey days:

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

Selected survey types:

Manual count	22 days
Directional ATC Count	0 days

Selected Locations:

Suburban Area (PPS6 Out of Centre)	11
Edge of Town	11

Selected Location Sub Categories:

Residential Zone	15
Out of Town	1
No Sub Category	6

Filtering Stage 3 selection:

Use Class:

C3	22 days
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Population within 1 mile:

1,001 to 5,000	1 days
5,001 to 10,000	4 days
10,001 to 15,000	4 days
15,001 to 20,000	8 days
20,001 to 25,000	3 days
25,001 to 50,000	2 days

Population within 5 miles:

5,001 to 25,000	2 days
25,001 to 50,000	3 days
50,001 to 75,000	1 days
75,001 to 100,000	4 days
100,001 to 125,000	4 days
125,001 to 250,000	6 days
250,001 to 500,000	2 days

Car ownership within 5 miles:

0.5 or Less	1 days
0.6 to 1.0	9 days
1.1 to 1.5	12 days

Travel Plan:

No	22 days
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LIST OF SITES relevant to selection parameters

1	CB-03-A-04	SEMI DETACHED		CUMBRIA
	MOORCLOSE ROAD			
	SALTERBACK			
	WORKINGTON			
	Edge of Town			
	No Sub Category			
	Total Number of dwellings:	82		
	Survey date: FRIDAY	24/04/09		Survey Type: MANUAL
2	CH-03-A-06	SEMI-DET./BUNGALOWS		CHESHIRE
	CREWE ROAD			
	CREWE			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Number of dwellings:	129		
	Survey date: TUESDAY	14/10/08		Survey Type: MANUAL
3	CW-03-A-02	SEMI D./DETACHED		CORNWALL
	BOSVEAN GARDENS			
	TRURO			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	73		
	Survey date: TUESDAY	18/09/07		Survey Type: MANUAL
4	EX-03-A-01	SEMI-DET.		ESSEX
	MILTON ROAD			
	CORRINGHAM			
	STANFORD-LE-HOPE			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:	237		
	Survey date: TUESDAY	13/05/08		Survey Type: MANUAL
5	LC-03-A-22	BUNGALOWS		LANCASHIRE
	CLIFTON DRIVE NORTH			
	BLACKPOOL			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:	98		
	Survey date: TUESDAY	18/10/05		Survey Type: MANUAL
6	LN-03-A-01	MIXED HOUSES		LINCOLNSHIRE
	BRANT ROAD			
	BRACEBRIDGE			
	LINCOLN			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:	150		
	Survey date: TUESDAY	15/05/07		Survey Type: MANUAL
7	LN-03-A-02	MIXED HOUSES		LINCOLNSHIRE
	HYKEHAM ROAD			
	LINCOLN			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	186		
	Survey date: MONDAY	14/05/07		Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

8	NF-03-A-02	HOUSES & FLATS		NORFOLK
	DEREHAM ROAD			
	NORWICH			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	98		
	Survey date: MONDAY	22/10/12		Survey Type: MANUAL
9	NT-03-A-03	SEMI DETACHED		NOTTINGHAMSHIRE
	B6018 SUTTON ROAD			
	KIRKBY-IN-ASHFIELD			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:	166		
	Survey date: WEDNESDAY	28/06/06		Survey Type: MANUAL
10	NY-03-A-01	MIXED HOUSES		NORTH YORKSHIRE
	GRAMMAR SCHOOL LANE			
	NORTHALLERTON			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	52		
	Survey date: TUESDAY	25/09/07		Survey Type: MANUAL
11	NY-03-A-05	HOUSES AND FLATS		NORTH YORKSHIRE
	BOROUGHBRIDGE ROAD			
	RIPON			
	Edge of Town			
	No Sub Category			
	Total Number of dwellings:	71		
	Survey date: MONDAY	22/09/08		Survey Type: MANUAL
12	NY-03-A-06	BUNGALOWS & SEMI DET.		NORTH YORKSHIRE
	HORSEFAIR			
	BOROUGHBRIDGE			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	115		
	Survey date: FRIDAY	14/10/11		Survey Type: MANUAL
13	SF-03-A-01	SEMI DETACHED		SUFFOLK
	A1156 FELIXSTOWE ROAD			
	RACECOURSE			
	IPSWICH			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	77		
	Survey date: WEDNESDAY	23/05/07		Survey Type: MANUAL
14	SF-03-A-02	SEMI DET./TERRACED		SUFFOLK
	STOKE PARK DRIVE			
	MAIDENHALL			
	IPSWICH			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:	230		
	Survey date: THURSDAY	24/05/07		Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

15	SF-03-A-03	MIXED HOUSES		SUFFOLK
	BARTON HILL			
	FORNHAM ST MARTIN			
	BURY ST EDMUNDS			
	Edge of Town			
	Out of Town			
	Total Number of dwellings:	101		
	Survey date: MONDAY	15/05/06		Survey Type: MANUAL
16	SH-03-A-04	TERRACED		SHROPSHIRE
	ST MICHAEL'S STREET			
	SHREWSBURY			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Number of dwellings:	108		
	Survey date: THURSDAY	11/06/09		Survey Type: MANUAL
17	TV-03-A-01	HOUSES & FLATS		TEES VALLEY
	POWLETT ROAD			
	HARTLEPOOL			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Number of dwellings:	225		
	Survey date: THURSDAY	14/04/05		Survey Type: MANUAL
18	WL-03-A-01	SEMI D./TERRACED W.	BASSETT	WILTSHIRE
	MAPLE DRIVE			
	WOOTTON BASSETT			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:	99		
	Survey date: MONDAY	02/10/06		Survey Type: MANUAL
19	WM-03-A-01	TERRACED		WEST MIDLANDS
	FOLESHILL ROAD			
	FOLESHILL			
	COVENTRY			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	79		
	Survey date: FRIDAY	03/02/06		Survey Type: MANUAL
20	WM-03-A-03	MIXED HOUSING		WEST MIDLANDS
	BASELEY WAY			
	ROWLEYS GREEN			
	COVENTRY			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:	84		
	Survey date: MONDAY	24/09/07		Survey Type: MANUAL
21	WO-03-A-03	DETACHED		WORCESTERSHIRE
	BLAKEBROOK			
	BLAKEBROOK			
	KIDDERMINSTER			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	138		
	Survey date: FRIDAY	05/05/06		Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

22	WO-03-A-06	DET. / TERRACED	WORCESTERSHIRE
	ST GODWALDS ROAD		
	ASTON FIELDS		
	BROMSGROVE		
	Edge of Town		
	No Sub Category		
	Total Number of dwellings:	232	
	Survey date: THURSDAY	30/06/05	Survey Type: MANUAL

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

MULTI-MODAL 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									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	22	129	0.080	22	129	0.291	22	129	0.371
08:00 - 09:00	22	129	0.161	22	129	0.422	22	129	0.583
09:00 - 10:00	22	129	0.179	22	129	0.226	22	129	0.405
10:00 - 11:00	22	129	0.159	22	129	0.196	22	129	0.355
11:00 - 12:00	22	129	0.196	22	129	0.178	22	129	0.374
12:00 - 13:00	22	129	0.209	22	129	0.190	22	129	0.399
13:00 - 14:00	22	129	0.190	22	129	0.174	22	129	0.364
14:00 - 15:00	22	129	0.191	22	129	0.189	22	129	0.380
15:00 - 16:00	22	129	0.301	22	129	0.223	22	129	0.524
16:00 - 17:00	22	129	0.327	22	129	0.195	22	129	0.522
17:00 - 18:00	22	129	0.398	22	129	0.233	22	129	0.631
18:00 - 19:00	22	129	0.279	22	129	0.224	22	129	0.503
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.670			2.741			5.411

Parameter summary

Trip rate parameter range selected: 52 - 237 (units:)
 Survey date range: 01/01/05 - 22/10/12
 Number of weekdays (Monday-Friday): 22
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys manually removed from selection: 0

Bidwells Legg Street Chelmsford

Licence No: 343901

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

MULTI-MODAL CYCLISTS

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									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	22	129	0.008	22	129	0.011	22	129	0.019
08:00 - 09:00	22	129	0.005	22	129	0.017	22	129	0.022
09:00 - 10:00	22	129	0.004	22	129	0.004	22	129	0.008
10:00 - 11:00	22	129	0.002	22	129	0.006	22	129	0.008
11:00 - 12:00	22	129	0.006	22	129	0.003	22	129	0.009
12:00 - 13:00	22	129	0.006	22	129	0.005	22	129	0.011
13:00 - 14:00	22	129	0.004	22	129	0.005	22	129	0.009
14:00 - 15:00	22	129	0.003	22	129	0.005	22	129	0.008
15:00 - 16:00	22	129	0.018	22	129	0.012	22	129	0.030
16:00 - 17:00	22	129	0.014	22	129	0.012	22	129	0.026
17:00 - 18:00	22	129	0.018	22	129	0.013	22	129	0.031
18:00 - 19:00	22	129	0.013	22	129	0.009	22	129	0.022
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.101			0.102			0.203

Parameter summary

Trip rate parameter range selected: 52 - 237 (units:)
 Survey date range: 01/01/05 - 22/10/12
 Number of weekdays (Monday-Friday): 22
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys manually removed from selection: 0

Bidwells Legg Street Chelmsford

Licence No: 343901

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

MULTI-MODAL PEDESTRIANS

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									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	22	129	0.030	22	129	0.054	22	129	0.084
08:00 - 09:00	22	129	0.039	22	129	0.181	22	129	0.220
09:00 - 10:00	22	129	0.040	22	129	0.057	22	129	0.097
10:00 - 11:00	22	129	0.035	22	129	0.042	22	129	0.077
11:00 - 12:00	22	129	0.040	22	129	0.042	22	129	0.082
12:00 - 13:00	22	129	0.041	22	129	0.033	22	129	0.074
13:00 - 14:00	22	129	0.037	22	129	0.035	22	129	0.072
14:00 - 15:00	22	129	0.047	22	129	0.044	22	129	0.091
15:00 - 16:00	22	129	0.178	22	129	0.073	22	129	0.251
16:00 - 17:00	22	129	0.084	22	129	0.053	22	129	0.137
17:00 - 18:00	22	129	0.073	22	129	0.046	22	129	0.119
18:00 - 19:00	22	129	0.057	22	129	0.052	22	129	0.109
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.701			0.712			1.413

Parameter summary

Trip rate parameter range selected: 52 - 237 (units:)
 Survey date range: 01/01/05 - 22/10/12
 Number of weekdays (Monday-Friday): 22
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys manually removed from selection: 0

Bidwells Legg Street Chelmsford

Licence No: 343901

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

MULTI-MODAL PUBLIC TRANSPORT USERS

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									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	22	129	0.001	22	129	0.010	22	129	0.011
08:00 - 09:00	22	129	0.008	22	129	0.020	22	129	0.028
09:00 - 10:00	22	129	0.006	22	129	0.007	22	129	0.013
10:00 - 11:00	22	129	0.005	22	129	0.007	22	129	0.012
11:00 - 12:00	22	129	0.006	22	129	0.007	22	129	0.013
12:00 - 13:00	22	129	0.006	22	129	0.007	22	129	0.013
13:00 - 14:00	22	129	0.005	22	129	0.002	22	129	0.007
14:00 - 15:00	22	129	0.005	22	129	0.003	22	129	0.008
15:00 - 16:00	22	129	0.013	22	129	0.011	22	129	0.024
16:00 - 17:00	22	129	0.014	22	129	0.003	22	129	0.017
17:00 - 18:00	22	129	0.017	22	129	0.005	22	129	0.022
18:00 - 19:00	22	129	0.007	22	129	0.003	22	129	0.010
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.093			0.085			0.178

Parameter summary

Trip rate parameter range selected: 52 - 237 (units:)
 Survey date range: 01/01/05 - 22/10/12
 Number of weekdays (Monday-Friday): 22
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys manually removed from selection: 0

Bidwells Legg Street Chelmsford

Licence No: 343901

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

MULTI-MODAL TOTAL PEOPLE

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									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	22	129	0.129	22	129	0.420	22	129	0.549
08:00 - 09:00	22	129	0.259	22	129	0.836	22	129	1.095
09:00 - 10:00	22	129	0.264	22	129	0.360	22	129	0.624
10:00 - 11:00	22	129	0.247	22	129	0.307	22	129	0.554
11:00 - 12:00	22	129	0.296	22	129	0.276	22	129	0.572
12:00 - 13:00	22	129	0.312	22	129	0.286	22	129	0.598
13:00 - 14:00	22	129	0.290	22	129	0.261	22	129	0.551
14:00 - 15:00	22	129	0.298	22	129	0.293	22	129	0.591
15:00 - 16:00	22	129	0.682	22	129	0.405	22	129	1.087
16:00 - 17:00	22	129	0.555	22	129	0.342	22	129	0.897
17:00 - 18:00	22	129	0.629	22	129	0.374	22	129	1.003
18:00 - 19:00	22	129	0.450	22	129	0.386	22	129	0.836
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			4.411			4.546			8.957

Parameter summary

Trip rate parameter range selected: 52 - 237 (units:)
 Survey date range: 01/01/05 - 22/10/12
 Number of weekdays (Monday-Friday): 22
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys manually removed from selection: 0