



Ward Finder			
Postcode		Ward	

Note:

No special provision need be made for visitors where at least half of the total parking provision assigned to a development is unallocated. In other circumstances, it may be appropriate to allow for additional visitor parking of up to 0.2 spaces per dwelling.

In areas of parking constraint, levels of provision below predicted demand may be applicable.

The tool is expressed as number of Rooms (Per Unit). If data is not available in this format and number of Bedrooms is used this will need to be converted. A general guide for conversion is as follows but may vary in some cases.

Houses	Flats
1 bed = 3 rooms	Studio = 1 room
2 bed = 4 rooms	1 bed = 2 rooms
3 bed = 5 rooms	2 bed = 3 rooms
4 bed = 6 rooms	3 bed = 4 rooms
5 bed = 7 rooms	4 bed = 5 rooms

Garages will count as 1 space when allocating spaces.

Ward data used can be clicked by the user by referring to the District-Ward Data Tables. The Ward highlighted if the Census data does not include data for certain dwelling sizes. In such cases car ownership has been obtained using the nearest sized dwelling with same tenure and ward. For example, if no data is available for a private house with 1 room then data for a private house with 2 rooms has been used. Ownership Data is highlighted in purple where such an approach has been used. Where Census data is available for small samples for certain sized dwellings this is highlighted in red if <20, and green if <50 in the Total Population column. In such cases, other wards should be selected to achieve a higher sample size.

Report Summary Table

DEVELOPMENT MIX					ALLOCATED PARKING
Ref.	Unit Type	Unit Tenure	Habitable Rooms (Per Unit)	No. of Units (Total)	Spaces (Per Unit)
A	Houses		4	9	2
B	Houses		5	21	2
C	Houses		6	1	3+
D	Flats		2	3	1
E	Flats		3	3	1
F					
G					
H					
I					
J					
K					
L					
M					
N					
O					
P					
Q					
R					
S					
Total				37	

PARKING DEMAND					
Allocated No.	Unallocated for Residents		Unallocated for Visitors		Total Demand
	per unit	Total	per unit	Total	
18	0	0	0	2	22
42	0	2	0	4	48
3	0	0	0	0	3
3	0	0	0	1	4
3	0	0	0	1	4
69		2.27		7.40	79

PROJECT
CENTRE
PEOPLE | PASSION | PLACES

APPENDIX G
TRICS Output Report

Calculation Reference: AUDIT-138301-190205-0256

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL
 Category : A - HOUSES PRIVATELY OWNED

MULTI-MODAL VEHICLESSelected regions and areas:

02	SOUTH EAST	
	ES EAST SUSSEX	1 days
	HC HAMPSHIRE	1 days
	KC KENT	1 days
	WS WEST SUSSEX	1 days
03	SOUTH WEST	
	DC DORSET	1 days
	DV DEVON	1 days
	SM SOMERSET	1 days
	WL WILTSHIRE	1 days
04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	2 days
	NF NORFOLK	2 days
	SF SUFFOLK	3 days
05	EAST MIDLANDS	
	LN LINCOLNSHIRE	2 days
06	WEST MIDLANDS	
	SH SHROPSHIRE	1 days
	ST STAFFORDSHIRE	1 days
	WK WARWICKSHIRE	2 days
	WM WEST MIDLANDS	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	4 days
08	NORTH WEST	
	CH CHESHIRE	2 days
	GM GREATER MANCHESTER	1 days
	LC LANCASHIRE	1 days
	MS MERSEYSIDE	2 days
09	NORTH	
	CB CUMBRIA	1 days
	DH DURHAM	1 days
	TW TYNE & WEAR	1 days

This section displays the number of survey days per TRICS® sub-region in the selected set

Secondary Filtering selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter: Number of dwellings
 Actual Range: 6 to 50 (units:)
 Range Selected by User: 6 to 50 (units:)

Parking Spaces Range: Selected: 12 to 1726 Actual: 12 to 1726

Percentage of dwellings privately owned: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/10 to 22/09/17

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:

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

This data displays the number of selected surveys by day of the week.

Selected survey types:

Manual count	35 days
Directional ATC Count	0 days

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaken using machines.

This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and Not Known.

Selected Location Sub Categories:

Residential Zone	32
Village	2
No Sub Category	1

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Secondary Filtering selection:

Use Class:

C1	1 days
C3	33 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS@.

Population within 1 mile:

1,000 or Less	1 days
1,001 to 5,000	4 days
5,001 to 10,000	6 days
10,001 to 15,000	8 days
15,001 to 20,000	3 days
20,001 to 25,000	5 days
25,001 to 50,000	8 days

This data displays the number of selected surveys within stated 1-mile radii of population.

Population within 5 miles:

5,001 to 25,000	3 days
25,001 to 50,000	3 days
50,001 to 75,000	4 days
75,001 to 100,000	6 days
100,001 to 125,000	1 days
125,001 to 250,000	9 days
250,001 to 500,000	7 days
500,001 or More	2 days

This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:

0.5 or Less	1 days
0.6 to 1.0	16 days
1.1 to 1.5	17 days
1.6 to 2.0	1 days

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Travel Plan:

Yes	3 days
No	32 days

This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

PTAL Rating:

No PTAL Present	35 days
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This data displays the number of selected surveys with PTAL Ratings.

LIST OF SITES relevant to selection parameters

1	CA-03-A-04	DETACHED		CAMBRIDGESHIRE
	PETERBOROUGH			
	THORPE PARK ROAD			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	9		
	Survey date: TUESDAY	18/10/11		Survey Type: MANUAL
2	CA-03-A-05	DETACHED HOUSES		CAMBRIDGESHIRE
	EASTFIELD ROAD			
	PETERBOROUGH			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	28		
	Survey date: MONDAY	17/10/16		Survey Type: MANUAL
3	CB-03-A-05	DETACHED/ TERRACED HOUSING		CUMBRIA
	MACADAM WAY			
	PENRITH			
	Edge of Town Centre			
	Residential Zone			
	Total Number of dwellings:	50		
	Survey date: TUESDAY	21/06/16		Survey Type: MANUAL
4	CH-03-A-08	DETACHED		CHESHIRE
	WHITCHURCH ROAD			
	CHESTER			
	BOUGHTON HEATH			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	11		
	Survey date: TUESDAY	22/05/12		Survey Type: MANUAL
5	CH-03-A-09	TERRACED HOUSES		CHESHIRE
	GREYSTOKE ROAD			
	MACCLESFIELD			
	HURDSFIELD			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:	24		
	Survey date: MONDAY	24/11/14		Survey Type: MANUAL
6	DC-03-A-08	BUNGALOWS		DORSET
	HURSTDENE ROAD			
	BOURNEMOUTH			
	CASTLE LANE WEST			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:	28		
	Survey date: MONDAY	24/03/14		Survey Type: MANUAL
7	DH-03-A-01	SEMI DETACHED		DURHAM
	GREENFIELDS ROAD			
	BISHOP AUCLAND			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	50		
	Survey date: TUESDAY	28/03/17		Survey Type: MANUAL
8	DV-03-A-01	TERRACED HOUSES		DEVON
	BRONSHILL ROAD			
	TORQUAY			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	37		
	Survey date: WEDNESDAY	30/09/15		Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

9	ES-03-A-02	PRIVATE HOUSING	EAST SUSSEX
	SOUTH COAST ROAD PEACEHAVEN		
	Edge of Town Residential Zone		
	Total Number of dwellings:	37	
	Survey date: FRIDAY	18/11/11	Survey Type: MANUAL
10	GM-03-A-10	DETACHED/ SEMI	GREATER MANCHESTER
	BUTT HILL DRIVE MANCHESTER PRESTWICH		
	Edge of Town Residential Zone		
	Total Number of dwellings:	29	
	Survey date: WEDNESDAY	12/10/11	Survey Type: MANUAL
11	HC-03-A-17	HOUSES & FLATS	HAMPSHIRE
	CANADA WAY LIPHOOK		
	Suburban Area (PPS6 Out of Centre) Residential Zone		
	Total Number of dwellings:	36	
	Survey date: THURSDAY	12/11/15	Survey Type: MANUAL
12	KC-03-A-05	DETACHED & SEMI-DETACHED	KENT
	ROCHESTER ROAD NEAR CHATHAM BURHAM		
	Neighbourhood Centre (PPS6 Local Centre) Village		
	Total Number of dwellings:	8	
	Survey date: FRIDAY	22/09/17	Survey Type: MANUAL
13	LC-03-A-30	SEMI-DETACHED	LANCASHIRE
	WATSON ROAD BLACKPOOL		
	Edge of Town Centre Residential Zone		
	Total Number of dwellings:	24	
	Survey date: FRIDAY	14/06/13	Survey Type: MANUAL
14	LN-03-A-03	SEMI DETACHED	LINCOLNSHIRE
	ROOKERY LANE LINCOLN BOULTHAM		
	Suburban Area (PPS6 Out of Centre) Residential Zone		
	Total Number of dwellings:	22	
	Survey date: TUESDAY	18/09/12	Survey Type: MANUAL
15	LN-03-A-04	DETACHED & SEMI-DETACHED	LINCOLNSHIRE
	EGERTON ROAD LINCOLN		
	Edge of Town Centre Residential Zone		
	Total Number of dwellings:	30	
	Survey date: MONDAY	29/06/15	Survey Type: MANUAL
16	MS-03-A-02	DETACHED	MERSEYSIDE
	RIVERSIDE DRIVE LIVERPOOL AIGBURTH		
	Suburban Area (PPS6 Out of Centre) Residential Zone		
	Total Number of dwellings:	31	
	Survey date: SUNDAY	05/09/10	Survey Type: MANUAL
17	MS-03-A-03	DETACHED	MERSEYSIDE
	BEMPTON ROAD LIVERPOOL OTTERSPOOL		
	Suburban Area (PPS6 Out of Centre) Residential Zone		
	Total Number of dwellings:	15	
	Survey date: FRIDAY	21/06/13	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

18	NF-03-A-01	SEMI DET. & BUNGALOWS	NORFOLK
	YARMOUTH ROAD		
	CAISTER-ON-SEA		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	27	
	Survey date: TUESDAY	16/10/12	Survey Type: MANUAL
19	NF-03-A-03	DETACHED HOUSES	NORFOLK
	HALING WAY		
	THETFORD		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	10	
	Survey date: WEDNESDAY	16/09/15	Survey Type: MANUAL
20	NY-03-A-08	TERRACED HOUSES	NORTH YORKSHIRE
	NICHOLAS STREET		
	YORK		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	21	
	Survey date: MONDAY	16/09/13	Survey Type: MANUAL
21	NY-03-A-11	PRIVATE HOUSING	NORTH YORKSHIRE
	HORSEFAIR		
	BOROUGHBRIDGE		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	23	
	Survey date: WEDNESDAY	18/09/13	Survey Type: MANUAL
22	NY-03-A-12	TOWN HOUSES	NORTH YORKSHIRE
	RACECOURSE LANE		
	NORTHALLERTON		
	Edge of Town Centre		
	Residential Zone		
	Total Number of dwellings:	47	
	Survey date: TUESDAY	27/09/16	Survey Type: MANUAL
23	NY-03-A-13	TERRACED HOUSES	NORTH YORKSHIRE
	CATTERICK ROAD		
	CATTERICK GARRISON		
	OLD HOSPITAL COMPOUND		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	10	
	Survey date: WEDNESDAY	10/05/17	Survey Type: MANUAL
24	SF-03-A-04	DETACHED & BUNGALOWS	SUFFOLK
	NORMANSTON DRIVE		
	LOWESTOFT		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	7	
	Survey date: TUESDAY	23/10/12	Survey Type: MANUAL
25	SF-03-A-05	DETACHED HOUSES	SUFFOLK
	VALE LANE		
	BURY ST EDMUNDS		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	18	
	Survey date: WEDNESDAY	09/09/15	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

26	SF-03-A-06 BURY ROAD KENTFORD	DETACHED & SEMI-DETACHED	SUFFOLK
	Neighbourhood Centre (PPS6 Local Centre) Village Total Number of dwellings: 38 Survey date: FRIDAY 22/09/17		Survey Type: MANUAL
27	SH-03-A-06 ELLESMERE ROAD SHREWSBURY	BUNGALOWS	SHROPSHIRE
	Edge of Town Residential Zone Total Number of dwellings: 16 Survey date: THURSDAY 22/05/14		Survey Type: MANUAL
28	SM-03-A-01 WEMBDON ROAD BRIDGWATER NORTHFIELD	DETACHED & SEMI	SOMERSET
	Edge of Town Residential Zone Total Number of dwellings: 33 Survey date: THURSDAY 24/09/15		Survey Type: MANUAL
29	ST-03-A-06 STANFORD ROAD WOLVERHAMPTON BLAKENHALL	SEMI-DET. & TERRACED	STAFFORDSHIRE
	Edge of Town Centre No Sub Category Total Number of dwellings: 17 Survey date: FRIDAY 09/05/14		Survey Type: MANUAL
30	TW-03-A-02 WEST PARK ROAD GATESHEAD	SEMI-DETACHED	TYNE & WEAR
	Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 16 Survey date: MONDAY 07/10/13		Survey Type: MANUAL
31	WK-03-A-01 ARLINGTON AVENUE LEAMINGTON SPA	TERRACED/ SEMI / DET.	WARWICKSHIRE
	Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 6 Survey date: FRIDAY 21/10/11		Survey Type: MANUAL
32	WK-03-A-02 NARBERTH WAY COVENTRY POTTERS GREEN	BUNGALOWS	WARWICKSHIRE
	Edge of Town Residential Zone Total Number of dwellings: 17 Survey date: THURSDAY 17/10/13		Survey Type: MANUAL
33	WL-03-A-02 HEADLANDS GROVE SWINDON	SEMI DETACHED	WILTSHIRE
	Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 27 Survey date: THURSDAY 22/09/16		Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

34	WM-03-A-04	TERRACED HOUSES	WEST MIDLANDS
	OSBORNE ROAD		
	COVENTRY		
	EARLSDON		
	Neighbourhood Centre (PPS6 Local Centre)		
	Residential Zone		
	Total Number of dwellings:	39	
	Survey date: MONDAY	21/11/16	Survey Type: MANUAL
35	WS-03-A-05	TERRACED & FLATS	WEST SUSSEX
	UPPER SHOREHAM ROAD		
	SHOREHAM BY SEA		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	48	
	Survey date: WEDNESDAY	18/04/12	Survey Type: MANUAL

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

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	35	25	0.080	35	25	0.271	35	25	0.351
08:00 - 09:00	35	25	0.139	35	25	0.348	35	25	0.487
09:00 - 10:00	35	25	0.141	35	25	0.166	35	25	0.307
10:00 - 11:00	35	25	0.160	35	25	0.152	35	25	0.312
11:00 - 12:00	35	25	0.147	35	25	0.162	35	25	0.309
12:00 - 13:00	35	25	0.180	35	25	0.183	35	25	0.363
13:00 - 14:00	35	25	0.169	35	25	0.170	35	25	0.339
14:00 - 15:00	35	25	0.159	35	25	0.192	35	25	0.351
15:00 - 16:00	35	25	0.246	35	25	0.190	35	25	0.436
16:00 - 17:00	35	25	0.286	35	25	0.181	35	25	0.467
17:00 - 18:00	35	25	0.332	35	25	0.166	35	25	0.498
18:00 - 19:00	35	25	0.205	35	25	0.145	35	25	0.350
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.244			2.326			4.570

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP* FACT. Trip rates are then rounded to 3 decimal places.