

Calculation Reference: AUDIT-733701-250128-0144

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL

Category : A - HOUSES PRIVATELY OWNED

TOTAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	BO BEDFORD	1 days
	CT CENTRAL BEDFORDSHIRE	1 days
	ES EAST SUSSEX	2 days
	HC HAMPSHIRE	4 days
	HF HERTFORDSHIRE	1 days
	KC KENT	1 days
	MW MEDWAY	1 days
	SC SURREY	1 days
03	SOUTH WEST	
	DC DORSET	2 days
	SD SWINDON	1 days
04	EAST ANGLIA	
	NF NORFOLK	4 days
	PB PETERBOROUGH	1 days
05	EAST MIDLANDS	
	NT NOTTINGHAMSHIRE	1 days
06	WEST MIDLANDS	
	ST STAFFORDSHIRE	1 days
	WK WARWICKSHIRE	2 days
	WM WEST MIDLANDS	1 days
	WO WORCESTERSHIRE	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	2 days
08	NORTH WEST	
	AC CHESHIRE WEST & CHESTER	1 days
	LC LANCASHIRE	1 days
09	NORTH	
	DH DURHAM	1 days
	IM ISLE OF MAN	1 days
10	WALES	
	VG VALE OF GLAMORGAN	1 days
11	SCOTLAND	
	HI HIGHLAND	1 days

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

Primary 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: No of Dwellings
Actual Range: 8 to 50 (units:)
Range Selected by User: 5 to 50 (units:)

Parking Spaces Range: All Surveys Included

Parking Spaces per Dwelling Range: All Surveys Included

Bedrooms per Dwelling Range: All Surveys Included

Percentage of dwellings privately owned: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/16 to 18/09/24

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	5 days
Wednesday	13 days
Thursday	5 days
Friday	4 days

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

Selected survey types:

Manual count	33 days
Directional ATC Count	1 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.

Selected Locations:

Suburban Area (PPS6 Out of Centre)	9
Edge of Town	25

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	33
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.

Inclusion of Servicing Vehicles Counts:

Servicing vehicles Included	7 days - Selected
Servicing vehicles Excluded	28 days - Selected

Secondary Filtering selection:

Use Class:

C3	34 days
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This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order (England) 2020 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 500m Range:

All Surveys Included

Secondary Filtering selection (Cont.):

Population within 1 mile:

1,001 to 5,000	3 days
5,001 to 10,000	11 days
10,001 to 15,000	9 days
15,001 to 20,000	5 days
20,001 to 25,000	4 days
25,001 to 50,000	2 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	4 days
25,001 to 50,000	5 days
50,001 to 75,000	5 days
75,001 to 100,000	3 days
100,001 to 125,000	1 days
125,001 to 250,000	13 days
250,001 to 500,000	3 days

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

Car ownership within 5 miles:

0.6 to 1.0	11 days
1.1 to 1.5	21 days
1.6 to 2.0	2 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	14 days
No	20 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	34 days
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This data displays the number of selected surveys with PTAL Ratings.

Covid-19 Restrictions	Yes	At least one survey within the selected data set was undertaken at a time of Covid-19 restrictions
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LIST OF SITES relevant to selection parameters

1	AC-03-A-04	TOWN HOUSES		CESHIRE WEST & CHESTER
	LONDON ROAD			
	NORTHWICH			
	LEFTWICH			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total No of Dwellings:	24		
	Survey date: THURSDAY	06/06/19	Survey Type: MANUAL	
2	BO-03-A-01	DETACHED HOUSES		BEDFORD
	CARNOUSTIE DRIVE			
	BEDFORD			
	GREAT DENHAM			
	Edge of Town			
	Residential Zone			
	Total No of Dwellings:	30		
	Survey date: THURSDAY	15/10/20	Survey Type: MANUAL	
3	CT-03-A-01	MIXED HOUSES		CENTRAL BEDFORDSHIRE
	ARLESEY ROAD			
	STOTFOLD			
	Edge of Town			
	Residential Zone			
	Total No of Dwellings:	46		
	Survey date: WEDNESDAY	22/06/22	Survey Type: MANUAL	
4	DC-03-A-09	MIXED HOUSES		DORSET
	A350			
	SHAFTESBURY			
	Edge of Town			
	No Sub Category			
	Total No of Dwellings:	50		
	Survey date: FRIDAY	19/11/21	Survey Type: MANUAL	
5	DC-03-A-10	MIXED HOUSES		DORSET
	ADDISON CLOSE			
	GILLINGHAM			
	Edge of Town			
	Residential Zone			
	Total No of Dwellings:	26		
	Survey date: WEDNESDAY	09/11/22	Survey Type: MANUAL	
6	DH-03-A-01	SEMI DETACHED		DURHAM
	GREENFIELDS ROAD			
	BISHOP AUCKLAND			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total No of Dwellings:	50		
	Survey date: TUESDAY	28/03/17	Survey Type: MANUAL	
7	ES-03-A-09	DETACHED & SEMI-DETACHED		EAST SUSSEX
	THE FAIRWAY			
	NEWHAVEN			
	Edge of Town			
	Residential Zone			
	Total No of Dwellings:	47		
	Survey date: MONDAY	13/03/23	Survey Type: MANUAL	
8	ES-03-A-13	DETACHED HOUSES		EAST SUSSEX
	A265			
	HEATHFIELD			
	Edge of Town			
	Residential Zone			
	Total No of Dwellings:	36		
	Survey date: MONDAY	18/03/24	Survey Type: MANUAL	

LIST OF SITES relevant to selection parameters (Cont.)

9	HC-03-A-21 PRIESTLEY ROAD BASINGSTOKE HOUNDMILLS Edge of Town Residential Zone Total No of Dwellings: 39 Survey date: TUESDAY 13/11/18	TERRACED & SEMI-DETACHED	HAMPSHIRE	Survey Type: MANUAL
10	HC-03-A-22 BOW LAKE GARDENS NEAR EASTLEIGH BISHOPSTOKE Edge of Town Residential Zone Total No of Dwellings: 40 Survey date: WEDNESDAY 31/10/18	MIXED HOUSES	HAMPSHIRE	Survey Type: MANUAL
11	HC-03-A-31 KILN ROAD LIPHOOK Edge of Town Residential Zone Total No of Dwellings: 44 Survey date: FRIDAY 07/10/22	MIXED HOUSES & FLATS	HAMPSHIRE	Survey Type: MANUAL
12	HC-03-A-37 REDFIELDS LANE FLEET CHURCH CROOKHAM Edge of Town Residential Zone Total No of Dwellings: 50 Survey date: WEDNESDAY 27/03/24	MIXED HOUSES	HAMPSHIRE	Survey Type: MANUAL
13	HF-03-A-05 HOLMSIDE RISE WATFORD SOUTH OXHEY Edge of Town Residential Zone Total No of Dwellings: 8 Survey date: MONDAY 05/06/23	TERRACED HOUSES	HERTFORDSHIRE	Survey Type: MANUAL
14	HI-03-A-14 KING BRUDE ROAD INVERNESS SCORGUIE Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 40 Survey date: WEDNESDAY 23/03/16	SEMI-DETACHED & TERRACED	HIGHLAND	Survey Type: MANUAL
15	IM-03-A-05 SCARLETT ROAD CASTLETOWN Edge of Town Residential Zone Total No of Dwellings: 45 Survey date: TUESDAY 21/05/24	MIXED HOUSES	ISLE OF MAN	Survey Type: MANUAL
16	KC-03-A-09 WESTERN LINK FAVERSHAM DAVINGTON Edge of Town Residential Zone Total No of Dwellings: 14 Survey date: WEDNESDAY 09/06/21	MIXED HOUSES & FLATS	KENT	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

17	LC-03-A-31 GREENSIDE PRESTON COTTAM Edge of Town Residential Zone Total No of Dwellings: Survey date: FRIDAY	DETACHED HOUSES 32 17/11/17	LANCASHIRE Survey Type: MANUAL
18	MW-03-A-02 OTTERHAM QUAY LANE RAINHAM Edge of Town Residential Zone Total No of Dwellings: Survey date: MONDAY	MIXED HOUSES 19 06/06/22	MEDWAY Survey Type: MANUAL
19	NF-03-A-05 HEATH DRIVE HOLT Edge of Town Residential Zone Total No of Dwellings: Survey date: THURSDAY	MIXED HOUSES 40 19/09/19	NORFOLK Survey Type: MANUAL
20	NF-03-A-10 HUNSTANTON ROAD HUNSTANTON Edge of Town Residential Zone Total No of Dwellings: Survey date: WEDNESDAY	MIXED HOUSES & FLATS 17 12/09/18	NORFOLK Survey Type: DIRECTIONAL ATC COUNT
21	NF-03-A-37 GREENFIELDS ROAD DEREHAM Edge of Town Residential Zone Total No of Dwellings: Survey date: TUESDAY	MIXED HOUSES 44 27/09/22	NORFOLK Survey Type: MANUAL
22	NF-03-A-51 CITY ROAD NORWICH LAKENHAM Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: Survey date: TUESDAY	SEMI-DETACHED 34 13/09/22	NORFOLK Survey Type: MANUAL
23	NT-03-A-08 WIGHAY ROAD HUCKNALL Edge of Town Residential Zone Total No of Dwellings: Survey date: MONDAY	DETACHED HOUSES 36 18/10/21	NOTTINGHAMSHIRE Survey Type: MANUAL
24	NY-03-A-13 CATTERICK ROAD CATTERICK GARRISON OLD HOSPITAL COMPOUND Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: Survey date: WEDNESDAY	TERRACED HOUSES 10 10/05/17	NORTH YORKSHIRE Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

25	NY-03-A-14 PALACE ROAD RIPON	DETACHED & BUNGALOWS		NORTH YORKSHIRE
	Edge of Town Residential Zone Total No of Dwellings:	45		
	Survey date: WEDNESDAY	18/05/22	Survey Type: MANUAL	
26	PB-03-A-04 EASTFIELD ROAD PETERBOROUGH	DETACHED HOUSES		PETERBOROUGH
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings:	28		
	Survey date: MONDAY	17/10/16	Survey Type: MANUAL	
27	SC-03-A-07 FOLLY HILL FARNHAM	MIXED HOUSES		SURREY
	Edge of Town Residential Zone Total No of Dwellings:	41		
	Survey date: WEDNESDAY	11/05/22	Survey Type: MANUAL	
28	SD-03-A-01 HEADLANDS GROVE SWINDON	SEMI DETACHED		SWINDON
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings:	27		
	Survey date: THURSDAY	22/09/16	Survey Type: MANUAL	
29	ST-03-A-08 SILKMORE CRESCENT STAFFORD MEADOWCROFT PARK	DETACHED HOUSES		STAFFORDSHIRE
	Edge of Town Residential Zone Total No of Dwellings:	26		
	Survey date: WEDNESDAY	22/11/17	Survey Type: MANUAL	
30	VG-03-A-01 ARTHUR STREET BARRY	SEMI-DETACHED & TERRACED		VALE OF GLAMORGAN
	Edge of Town Residential Zone Total No of Dwellings:	12		
	Survey date: MONDAY	08/05/17	Survey Type: MANUAL	
31	WK-03-A-03 BRESE AVENUE WARWICK GUYS CLIFFE	DETACHED HOUSES		WARWICKSHIRE
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings:	23		
	Survey date: WEDNESDAY	25/09/19	Survey Type: MANUAL	
32	WK-03-A-04 DALEHOUSE LANE KENILWORTH	DETACHED HOUSES		WARWICKSHIRE
	Edge of Town Residential Zone Total No of Dwellings:	49		
	Survey date: FRIDAY	27/09/19	Survey Type: MANUAL	

LIST OF SITES relevant to selection parameters (Cont.)

33	WM-03-A-07	DETACHED HOUSES	WEST MIDLANDS
	EVESON ROAD		
	STOURBRIDGE		
	NORTON		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total No of Dwellings:	14	
	Survey date: WEDNESDAY	18/09/24	Survey Type: MANUAL
34	WO-03-A-07	MIXED HOUSES & FLATS	WORCESTERSHIRE
	RYE GRASS LANE		
	REDDITCH		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	47	
	Survey date: THURSDAY	01/10/20	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.

ADL Traffic Engineering Ltd Armstrong Way Yate, Bristol

Licence No: 733701

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

TOTAL 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	34	33	0.080	34	33	0.267	34	33	0.347
08:00 - 09:00	34	33	0.169	34	33	0.374	34	33	0.543
09:00 - 10:00	34	33	0.160	34	33	0.202	34	33	0.362
10:00 - 11:00	34	33	0.138	34	33	0.171	34	33	0.309
11:00 - 12:00	34	33	0.168	34	33	0.161	34	33	0.329
12:00 - 13:00	34	33	0.198	34	33	0.194	34	33	0.392
13:00 - 14:00	34	33	0.177	34	33	0.161	34	33	0.338
14:00 - 15:00	34	33	0.167	34	33	0.221	34	33	0.388
15:00 - 16:00	34	33	0.286	34	33	0.201	34	33	0.487
16:00 - 17:00	34	33	0.286	34	33	0.171	34	33	0.457
17:00 - 18:00	34	33	0.327	34	33	0.186	34	33	0.513
18:00 - 19:00	34	33	0.245	34	33	0.144	34	33	0.389
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.401			2.453			4.854

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.

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Parameter summary

Trip rate parameter range selected: 8 - 50 (units:)
 Survey date range: 01/01/16 - 18/09/24
 Number of weekdays (Monday-Friday): 34
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys automatically removed from selection: 1
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.