

Calculation Reference: AUDIT-100323-180412-0401

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 01 - RETAIL
 Category : O - CONVENIENCE STORE
 MULTI-MODAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	ES EAST SUSSEX	1 days
03	SOUTH WEST	
	DV DEVON	1 days
	WL WILTSHIRE	1 days
04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	1 days
	NF NORFOLK	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	1 days
	WY WEST YORKSHIRE	2 days
09	NORTH	
	DH DURHAM	1 days
	TW TYNE & WEAR	1 days
10	WALES	
	CF CARDIFF	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: Gross floor area
 Actual Range: 70 to 539 (units: sqm)
 Range Selected by User: 70 to 1200 (units: sqm)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/10 to 07/04/17

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	4 days
Wednesday	2 days
Thursday	1 days
Friday	4 days

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

Selected survey types:

Manual count	11 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.

Selected Locations:

Suburban Area (PPS6 Out of Centre)	7
Edge of Town	1
Neighbourhood Centre (PPS6 Local Centre)	3

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	11
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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:

A1 11 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:

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	2 days
25,001 to 50,000	3 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	1 days
25,001 to 50,000	1 days
75,001 to 100,000	1 days
100,001 to 125,000	1 days
125,001 to 250,000	4 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	6 days
1.1 to 1.5	5 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.

Petrol filling station:

Included in the survey count	0 days
Excluded from count or no filling station	11 days

This data displays the number of surveys within the selected set that include petrol filling station activity, and the number of surveys that do not.

Travel Plan:

No	11 days
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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	11 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-01-O-01	CO-OP		CAMBRIDGESHIRE
	MAYORS WALK			
	NETHERTON			
	PETERBOROUGH			
	Neighbourhood Centre (PPS6 Local Centre)			
	Residential Zone			
	Total Gross floor area:	375 sqm		
	Survey date: MONDAY	17/10/11	Survey Type: MANUAL	
2	CF-01-O-02	CO-OPERATIVE		CARDIFF
	HEOL-Y-DERI			
	RHIWBINA			
	CARDIFF			
	Neighbourhood Centre (PPS6 Local Centre)			
	Residential Zone			
	Total Gross floor area:	350 sqm		
	Survey date: FRIDAY	07/10/16	Survey Type: MANUAL	
3	DH-01-O-01	SAINSBURY'S LOCAL		DURHAM
	132 STATION LANE			
	SEATON CAREW			
	HARTLEPOOL			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Gross floor area:	469 sqm		
	Survey date: MONDAY	26/11/12	Survey Type: MANUAL	
4	DV-01-O-01	PREMIER		DEVON
	MELROSE AVENUE			
	PLYMOUTH			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Gross floor area:	70 sqm		
	Survey date: WEDNESDAY	18/07/12	Survey Type: MANUAL	
5	ES-01-O-01	ONE STOP		EAST SUSSEX
	THE SIDINGS			
	ORE VALLEY			
	HASTINGS			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Gross floor area:	280 sqm		
	Survey date: WEDNESDAY	19/12/12	Survey Type: MANUAL	
6	NF-01-O-01	TESCO EXPRESS		NORFOLK
	DEREHAM ROAD			
	NORWICH			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Gross floor area:	298 sqm		
	Survey date: FRIDAY	26/10/12	Survey Type: MANUAL	
7	NY-01-O-03	CO-OPERATIVE		NORTH YORKSHIRE
	FOREST ROAD			
	NORTHALLERTON			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Gross floor area:	305 sqm		
	Survey date: MONDAY	19/09/16	Survey Type: MANUAL	
8	TW-01-O-02	CO-OPERATIVE		TYNE & WEAR
	ETHEL TERRACE			
	CASTLETOWN			
	SUNDERLAND			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Gross floor area:	330 sqm		
	Survey date: FRIDAY	07/04/17	Survey Type: MANUAL	

LIST OF SITES relevant to selection parameters (Cont.)

9	WL-01-O-01	ONE STOP		WILTSHIRE
		THE CIRCLE		
		SWINDON		
		Suburban Area (PPS6 Out of Centre)		
		Residential Zone		
		Total Gross floor area:	292 sqm	
		Survey date: FRIDAY	23/09/16	Survey Type: MANUAL
10	WY-01-O-01	SAINSBURY'S LOCAL		WEST YORKSHIRE
		KEIGHLEY ROAD		
		BRADFORD		
		Edge of Town		
		Residential Zone		
		Total Gross floor area:	400 sqm	
		Survey date: THURSDAY	06/12/12	Survey Type: MANUAL
11	WY-01-O-02	CO-OPERATIVE		WEST YORKSHIRE
		AINSTY ROAD		
		WETHERBY		
		Neighbourhood Centre (PPS6 Local Centre)		
		Residential Zone		
		Total Gross floor area:	539 sqm	
		Survey date: MONDAY	26/09/16	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 01 - RETAIL/O - CONVENIENCE STORE
 MULTI-MODAL 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									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	7	317	3.157	7	317	2.842	7	317	5.999
07:00 - 08:00	11	337	7.335	11	337	6.931	11	337	14.266
08:00 - 09:00	11	337	8.711	11	337	8.279	11	337	16.990
09:00 - 10:00	11	337	7.039	11	337	6.688	11	337	13.727
10:00 - 11:00	11	337	6.688	11	337	6.499	11	337	13.187
11:00 - 12:00	11	337	7.066	11	337	7.255	11	337	14.321
12:00 - 13:00	11	337	8.765	11	337	8.441	11	337	17.206
13:00 - 14:00	11	337	6.823	11	337	6.607	11	337	13.430
14:00 - 15:00	11	337	8.064	11	337	7.821	11	337	15.885
15:00 - 16:00	11	337	8.927	11	337	8.981	11	337	17.908
16:00 - 17:00	11	337	9.682	11	337	8.792	11	337	18.474
17:00 - 18:00	11	337	10.787	11	337	10.599	11	337	21.386
18:00 - 19:00	11	337	11.866	11	337	12.271	11	337	24.137
19:00 - 20:00	11	337	8.549	11	337	9.520	11	337	18.069
20:00 - 21:00	9	372	4.154	9	372	5.051	9	372	9.205
21:00 - 22:00	9	372	2.869	9	372	3.317	9	372	6.186
22:00 - 23:00	2	422	1.066	2	422	1.896	2	422	2.962
23:00 - 24:00									
Total Rates:			121.548			121.790			243.338

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:	70 - 539 (units: sqm)
Survey date date range:	01/01/10 - 07/04/17
Number of weekdays (Monday-Friday):	11
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
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 show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 01 - RETAIL/O - CONVENIENCE STORE
MULTI-MODAL PEDESTRIANS
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									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	7	317	2.571	7	317	2.346	7	317	4.917
07:00 - 08:00	11	337	6.014	11	337	5.232	11	337	11.246
08:00 - 09:00	11	337	10.086	11	337	9.493	11	337	19.579
09:00 - 10:00	11	337	7.201	11	337	6.499	11	337	13.700
10:00 - 11:00	11	337	6.850	11	337	6.742	11	337	13.592
11:00 - 12:00	11	337	8.037	11	337	7.686	11	337	15.723
12:00 - 13:00	11	337	7.929	11	337	7.470	11	337	15.399
13:00 - 14:00	11	337	7.605	11	337	8.252	11	337	15.857
14:00 - 15:00	11	337	7.794	11	337	8.279	11	337	16.073
15:00 - 16:00	11	337	12.055	11	337	11.246	11	337	23.301
16:00 - 17:00	11	337	9.574	11	337	10.059	11	337	19.633
17:00 - 18:00	11	337	9.035	11	337	8.765	11	337	17.800
18:00 - 19:00	11	337	9.601	11	337	10.086	11	337	19.687
19:00 - 20:00	11	337	6.796	11	337	7.848	11	337	14.644
20:00 - 21:00	9	372	4.483	9	372	4.513	9	372	8.996
21:00 - 22:00	9	372	4.124	9	372	4.782	9	372	8.906
22:00 - 23:00	2	422	0.118	2	422	0.118	2	422	0.236
23:00 - 24:00									
Total Rates:			119.873			119.416			239.289

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.

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Parameter summary

Trip rate parameter range selected:	70 - 539 (units: sqm)
Survey date date range:	01/01/10 - 07/04/17
Number of weekdays (Monday-Friday):	11
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
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 show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 01 - RETAIL/O - CONVENIENCE STORE
 MULTI-MODAL TOTAL PEOPLE
 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									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	7	317	6.450	7	317	5.683	7	317	12.133
07:00 - 08:00	11	337	15.372	11	337	14.105	11	337	29.477
08:00 - 09:00	11	337	21.683	11	337	20.631	11	337	42.314
09:00 - 10:00	11	337	16.208	11	337	14.644	11	337	30.852
10:00 - 11:00	11	337	14.860	11	337	14.617	11	337	29.477
11:00 - 12:00	11	337	17.584	11	337	17.098	11	337	34.682
12:00 - 13:00	11	337	18.770	11	337	17.961	11	337	36.731
13:00 - 14:00	11	337	16.127	11	337	16.802	11	337	32.929
14:00 - 15:00	11	337	17.611	11	337	17.907	11	337	35.518
15:00 - 16:00	11	337	23.921	11	337	23.301	11	337	47.222
16:00 - 17:00	11	337	23.085	11	337	22.060	11	337	45.145
17:00 - 18:00	11	337	23.085	11	337	22.681	11	337	45.766
18:00 - 19:00	11	337	25.485	11	337	26.214	11	337	51.699
19:00 - 20:00	11	337	17.584	11	337	19.822	11	337	37.406
20:00 - 21:00	9	372	10.102	9	372	11.237	9	372	21.339
21:00 - 22:00	9	372	7.711	9	372	8.996	9	372	16.707
22:00 - 23:00	2	422	1.659	2	422	2.607	2	422	4.266
23:00 - 24:00									
Total Rates:			277.297			276.366			553.663

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Number of Sundays:	0
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Surveys manually removed from selection:	0

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