TRICS 7.2.1 040615 B17.16	(C) 2015 TRICS Consortium Ltd	Wednesday 24/06/15
		Page 1

Calculation Reference: AUDIT-148301-150624-0602

Licence No: 148301

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use	:	01 - RETAIL
Category	:	E - DIY SUPERSTORE - WITHOUT GARDEN CENT
VEHIČLES	S	

Sele	cted regions and areas:	
01	GREATER LONDON	
	BK BARKING	1 days
03	SOUTH WEST	-
	DC DORSET	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	-
	WY WEST YORKSHIRE	1 days

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

Filtering Stage 2 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.

Include all surveys

Parameter:	Gross floor area
Actual Range:	3500 to 5800 (units: sqm)
Range Selected by User:	3500 to 5800 (units: sqm)

Public Transport Provision: Selection by:

Date Range: 01/01/07 to 21/03/14

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.

1 days
2 days

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

Selected survey types:	
Manual count	3 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 undertaking using machines.

<u>Selected Locations:</u> Suburban Area (PPS6 Out of Centre) Edge of Town

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.

2

1

1 2

Selected Location Sub Categories:	
Residential Zone	
Retail Zone	

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.

CS 7.2.1 040615 B17.16 (C) 2015 TRICS Consor	rtium Ltd	Wednesday 24/06/15
		Page 2
tins Consulting Ltd 10 Oxford Street Mancheste	r	Licence No: 148301
Filtering Stage 3 selection:		
lise Class.		
A1	3 days	
This data displays the number of surveys per Us has been used for this purpose, which can be fo	e Class classification within the selected second within the Library module of TRICS $\ensuremath{\mathbb{R}}$	et. The Use Classes Order 2005
Population within 1 mile:		
20,001 to 25,000	2 days	
50,001 to 100,000	1 days	
This data displays the number of selected survey	ys within stated 1-mile radii of population.	
Population within 5 miles:		
250,001 to 500,000	2 days	
500,001 or More	1 days	
This data displays the number of selected survey	ys within stated 5-mile radii of population.	
Car ownership within 5 miles:		
0.6 to 1.0	2 days	
1.1 to 1.5	1 days	
This data displays the number of selected survey	ys within stated ranges of average cars ow	vned per residential dwelling,
within a radius of 5-miles of selected survey site	S.	
Petrol filling station:		
Included in the survey count	0 days	
Excluded from count or no filling station	3 days	
T I I I I I I I I C I I C		

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.

<u>Travel Plan:</u> No

3 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.

10 Oxford Street

Manchester

LIST OF SITES relevant to selection parameters

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1	BK-01-E-01 WICKES HERTFORD ROAD		BARKING
	BARKING Suburban Area (PPS6 Out of Centre) Retail Zone Total Gross floor area: Survey date: SUNDAY	5180 sqm 17/11/13	Survey Type: MANUAL
2	DC-01-E-01 HOMEBASE MALLARD ROAD MALLARD RD RET. PARK BOURNEMOUTH Edge of Town Retail Zone		DORSET
3	Total Gross floor area: Survey date: FRIDAY WY-01-E-01 WICKES PUDSEY ROAD PUDSEY LEEDS	5800 sqm 21/03/14	Survey Type: MANUAL WEST YORKSHIRE
	Suburban Area (PPS6 Out of Centre) Residential Zone Total Gross floor area: Survey date: SUNDAY	3500 sqm 09/09/07	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/E - DIY SUPERSTORE - WITHOUT GARDEN CENT VEHICLES Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS		[DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	1	5800	0.069	1	5800	0.017	1	5800	0.086
08:00 - 09:00	1	5800	0.224	1	5800	0.155	1	5800	0.379
09:00 - 10:00	3	4827	0.594	3	4827	0.373	3	4827	0.967
10:00 - 11:00	3	4827	2.058	3	4827	1.644	3	4827	3.702
11:00 - 12:00	3	4827	2.569	3	4827	2.396	3	4827	4.965
12:00 - 13:00	3	4827	2.355	3	4827	2.424	3	4827	4.779
13:00 - 14:00	3	4827	2.465	3	4827	2.348	3	4827	4.813
14:00 - 15:00	3	4827	2.203	3	4827	2.479	3	4827	4.682
15:00 - 16:00	3	4827	1.851	3	4827	2.175	3	4827	4.026
16:00 - 17:00	3	4827	0.435	3	4827	0.615	3	4827	1.050
17:00 - 18:00	1	5800	0.569	1	5800	0.586	1	5800	1.155
18:00 - 19:00	1	5800	0.207	1	5800	0.276	1	5800	0.483
19:00 - 20:00	1	5800	0.224	1	5800	0.362	1	5800	0.586
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			15.823			15.850			31.673

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.

Parameter summary

Trip rate parameter range selected:	3500 - 5800 (units: sqm)
Survey date date range:	01/01/07 - 21/03/14
Number of weekdays (Monday-Friday):	1
Number of Saturdays:	0
Number of Sundays:	2
Surveys manually removed from selection:	0

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Percentage



This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.

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TIME RATE TRIP RATE GRAPH - TOTALS 01 - RETAIL E - DIY SUPERSTORE - WITHOUT GARDEN CENT 96 VEHICLES

TRIP RATE for Land Use 01 - RETAIL/E - DIY SUPERSTORE - WITHOUT GARDEN CENT TAXIS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS		[DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	2	5490	0.000	2	5490	0.000	2	5490	0.000
08:00 - 09:00	2	5490	0.000	2	5490	0.000	2	5490	0.000
09:00 - 10:00	3	4827	0.000	3	4827	0.000	3	4827	0.000
10:00 - 11:00	3	4827	0.000	3	4827	0.000	3	4827	0.000
11:00 - 12:00	3	4827	0.014	3	4827	0.007	3	4827	0.021
12:00 - 13:00	3	4827	0.048	3	4827	0.041	3	4827	0.089
13:00 - 14:00	3	4827	0.041	3	4827	0.041	3	4827	0.082
14:00 - 15:00	3	4827	0.028	3	4827	0.028	3	4827	0.056
15:00 - 16:00	3	4827	0.007	3	4827	0.007	3	4827	0.014
16:00 - 17:00	3	4827	0.000	3	4827	0.000	3	4827	0.000
17:00 - 18:00	1	5800	0.000	1	5800	0.000	1	5800	0.000
18:00 - 19:00	1	5800	0.000	1	5800	0.000	1	5800	0.000
19:00 - 20:00	1	5800	0.000	1	5800	0.000	1	5800	0.000
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.138			0.124			0.262

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.

Parameter summary

Trip rate parameter range selected:	3500 - 5800 (units: sqm)
Survey date date range:	01/01/07 - 21/03/14
Number of weekdays (Monday-Friday):	1
Number of Saturdays:	0
Number of Sundays:	2
Surveys manually removed from selection:	0

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RATE % TRIP RATE GRAPH - ARRIVALS 01 - RETAIL E - DIY SUPERSTORE - WITHOUT GARDEN CENT TAXIS

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TIME RATE % TRIP RATE GRAPH - TOTALS 01 - RETAIL E - DIY SUPERSTORE - WITHOUT GARDEN CENT TAXIS

TRIP RATE for Land Use 01 - RETAIL/E - DIY SUPERSTORE - WITHOUT GARDEN CENT OGVS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS			[DEPARTURES			TOTALS		
	No. Ave.		Trip	No.	Ave.	Trip	No.	Ave.	Trip	
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	1	5800	0.000	1	5800	0.000	1	5800	0.000	
08:00 - 09:00	1	5800	0.052	1	5800	0.034	1	5800	0.086	
09:00 - 10:00	3	4827	0.000	3	4827	0.007	3	4827	0.007	
10:00 - 11:00	3	4827	0.021	3	4827	0.021	3	4827	0.042	
11:00 - 12:00	3	4827	0.021	3	4827	0.014	3	4827	0.035	
12:00 - 13:00	3	4827	0.021	3	4827	0.014	3	4827	0.035	
13:00 - 14:00	3	4827	0.035	3	4827	0.041	3	4827	0.076	
14:00 - 15:00	3	4827	0.007	3	4827	0.014	3	4827	0.021	
15:00 - 16:00	3	4827	0.014	3	4827	0.007	3	4827	0.021	
16:00 - 17:00	3	4827	0.000	3	4827	0.007	3	4827	0.007	
17:00 - 18:00	1	5800	0.000	1	5800	0.000	1	5800	0.000	
18:00 - 19:00	1	5800	0.000	1	5800	0.000	1	5800	0.000	
19:00 - 20:00	1	5800	0.000	1	5800	0.000	1	5800	0.000	
20:00 - 21:00										
21:00 - 22:00										
22:00 - 23:00										
23:00 - 24:00										
Total Rates:			0.171			0.159			0.330	

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.

Parameter summary

Trip rate parameter range selected:	3500 - 5800 (units: sqm)
Survey date date range:	01/01/07 - 21/03/14
Number of weekdays (Monday-Friday):	1
Number of Saturdays:	0
Number of Sundays:	2
Surveys manually removed from selection:	0

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TRIP RATE for Land Use 01 - RETAIL/E - DIY SUPERSTORE - WITHOUT GARDEN CENT PSVS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS			[DEPARTURES			TOTALS		
	No. Ave.		Trip	No.	Ave.	Trip	No.	Ave.	Trip	
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	1	5800	0.000	1	5800	0.000	1	5800	0.000	
08:00 - 09:00	1	5800	0.000	1	5800	0.000	1	5800	0.000	
09:00 - 10:00	3	4827	0.000	3	4827	0.000	3	4827	0.000	
10:00 - 11:00	3	4827	0.000	3	4827	0.000	3	4827	0.000	
11:00 - 12:00	3	4827	0.000	3	4827	0.000	3	4827	0.000	
12:00 - 13:00	3	4827	0.000	3	4827	0.000	3	4827	0.000	
13:00 - 14:00	3	4827	0.000	3	4827	0.000	3	4827	0.000	
14:00 - 15:00	3	4827	0.000	3	4827	0.000	3	4827	0.000	
15:00 - 16:00	3	4827	0.000	3	4827	0.000	3	4827	0.000	
16:00 - 17:00	3	4827	0.000	3	4827	0.000	3	4827	0.000	
17:00 - 18:00	1	5800	0.000	1	5800	0.000	1	5800	0.000	
18:00 - 19:00	1	5800	0.000	1	5800	0.000	1	5800	0.000	
19:00 - 20:00	1	5800	0.000	1	5800	0.000	1	5800	0.000	
20:00 - 21:00										
21:00 - 22:00										
22:00 - 23:00										
23:00 - 24:00										
Total Rates:			0.000			0.000			0.000	

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.

Parameter summary

Trip rate parameter range selected:	3500 - 5800 (units: sqm)
Survey date date range:	01/01/07 - 21/03/14
Number of weekdays (Monday-Friday):	1
Number of Saturdays:	0
Number of Sundays:	2
Surveys manually removed from selection:	0

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TIME	RATE	%	TRIP RATE GRAPH - ARRIVALS 01 - RETAIL E - DIV SUPERSTORE - WITHOUT GARDEN CENT PSVS
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			
08:00-09:00			
09:00-10:00			
10:00-11:00			
11:00-12:00			······
12:00-13:00			
13:00-14:00			· · · · · · · · · · · · · · · · · · ·
14:00-15:00			
15:00-16:00			· · · · · · · · · · · · · · · · · · ·
16:00-17:00			······
17:00-18:00			
18:00-19:00			
19:00-20:00			······
20:00-21:00			
21:00-22:00			
22:00-23:00			
23:00-24:00			
			Ó
			Percentage

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TIME	RATE	%	TRIP RATE GRAPH - DEPARTURES 01 - RETAIL E - DIY SUPERSTORE - WITHOUT GARDEN CENT PSVS
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			
08:00-09:00			
09:00-10:00			
10:00-11:00			
11:00-12:00			·····
12:00-13:00			
13:00-14:00			· · · · · · · · · · · · · · · · · · ·
14:00-15:00			
15:00-16:00			· · · · · · · · · · · · · · · · · · ·
16:00-17:00			
17:00-18:00			
18:00-19:00			
19:00-20:00			······
20:00-21:00			
21:00-22:00			
22:00-23:00			
23:00-24:00			
			ή
			Percentage
			i or our realized

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TIME RATE % TRIP RATE GRAPH - TOTALS 01 - RETAIL E - DIY SUPERSTORE - WITHOUT GARDEN CENT PSVS

00:00-01:00	
01:00-02:00	
02:00-03:00	1
03:00-04:00	· · · · · · · · · · · · · · · · · · ·
04:00-05:00	
05:00-06:00	
06:00-07:00	
07:00-08:00	
08.00-09.00	
00.00 09.00	
10.00-11.00	
11.00-12.00	
12.00-12.00	
12:00-13:00	
13:00-14:00	
14:00-15:00	
15:00-16:00	
16:00-17:00	
17:00-18:00	
18:00-19:00	
19:00-20:00	
20:00-21:00	
21:00-22:00	· · · · · · · · · · · · · · · · · · ·
22:00-23:00	
23:00-24:00	······
	Percentace
	reiveillage

TRIP RATE for Land Use 01 - RETAIL/E - DIY SUPERSTORE - WITHOUT GARDEN CENT CYCLISTS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
	No. Ave. Trip			No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	1	5800	0.017	1	5800	0.000	1	5800	0.017
08:00 - 09:00	1	5800	0.017	1	5800	0.000	1	5800	0.017
09:00 - 10:00	3	4827	0.000	3	4827	0.007	3	4827	0.007
10:00 - 11:00	3	4827	0.000	3	4827	0.000	3	4827	0.000
11:00 - 12:00	3	4827	0.014	3	4827	0.014	3	4827	0.028
12:00 - 13:00	3	4827	0.000	3	4827	0.000	3	4827	0.000
13:00 - 14:00	3	4827	0.021	3	4827	0.007	3	4827	0.028
14:00 - 15:00	3	4827	0.014	3	4827	0.021	3	4827	0.035
15:00 - 16:00	3	4827	0.014	3	4827	0.014	3	4827	0.028
16:00 - 17:00	3	4827	0.000	3	4827	0.000	3	4827	0.000
17:00 - 18:00	1	5800	0.000	1	5800	0.017	1	5800	0.017
18:00 - 19:00	1	5800	0.017	1	5800	0.000	1	5800	0.017
19:00 - 20:00	1	5800	0.000	1	5800	0.017	1	5800	0.017
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates: 0.114 0.097 0.211							0.211		

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.

Parameter summary

Trip rate parameter range selected:	3500 - 5800 (units: sqm)
Survey date date range:	01/01/07 - 21/03/14
Number of weekdays (Monday-Friday):	1
Number of Saturdays:	0
Number of Sundays:	2
Surveys manually removed from selection:	0

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