

# APPENDIX B

## TRICS Outputs

Calculation Reference: AUDIT-751101-201222-1210

## TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 01 - RETAIL  
 Category : C - DISCOUNT FOOD STORES  
 TOTAL VEHICLES

Selected regions and areas:

03	SOUTH WEST	
	SM SOMERSET	1 days
04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	1 days
05	EAST MIDLANDS	
	LN LINCOLNSHIRE	1 days
	NR NORTHAMPTONSHIRE	1 days
	NT NOTTINGHAMSHIRE	1 days
06	WEST MIDLANDS	
	WO WORCESTERSHIRE	1 days
09	NORTH	
	DH DURHAM	1 days
11	SCOTLAND	
	HI HIGHLAND	1 days
	PK PERTH & KINROSS	1 days
	SR STIRLING	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: Gross floor area  
 Actual Range: 1023 to 2624 (units: sqm)  
 Range Selected by User: 700 to 2703 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/12 to 21/10/20

*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:

Tuesday	5 days
Thursday	3 days
Friday	2 days

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

Selected survey types:

Manual count	10 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:

Edge of Town Centre	6
Edge of Town	4

*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:

Industrial Zone	1
Residential Zone	2
Retail Zone	3
Built-Up Zone	3
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:

A1 10 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 500m Range:

All Surveys Included

Population within 1 mile:

1,001 to 5,000	1 days
5,001 to 10,000	4 days
10,001 to 15,000	2 days
15,001 to 20,000	1 days
20,001 to 25,000	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	2 days
25,001 to 50,000	2 days
50,001 to 75,000	3 days
75,001 to 100,000	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	3 days
1.1 to 1.5	7 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	10 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:

Not Known	1 days
Yes	1 days
No	8 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	10 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-C-01 CROMWELL ROAD WISBECH	LIDL		CAMBRI DGESHI RE
	Edge of Town Retail Zone Total Gross floor area:		1466 sqm	
	<i>Survey date: FRIDAY</i>		<i>21/10/16</i>	<i>Survey Type: MANUAL</i>
2	DH-01-C-01 WATLING ROAD BISHOP AUCKLAND	ALDI		DURHAM
	Edge of Town Retail Zone Total Gross floor area:		1023 sqm	
	<i>Survey date: THURSDAY</i>		<i>06/04/17</i>	<i>Survey Type: MANUAL</i>
3	HI-01-C-02 CAMANACHD CRESCENT FORT WILLIAM	LIDL		HIGHLAND
	Edge of Town Centre Retail Zone Total Gross floor area:		1300 sqm	
	<i>Survey date: TUESDAY</i>		<i>17/06/14</i>	<i>Survey Type: MANUAL</i>
4	LN-01-C-01 RICHMOND DRIVE SKEGNESS	LIDL		LINCOLNSHIRE
	Edge of Town Centre Built-Up Zone Total Gross floor area:		2398 sqm	
	<i>Survey date: TUESDAY</i>		<i>19/07/16</i>	<i>Survey Type: MANUAL</i>
5	NR-01-C-02 NEWTON ROAD RUSHDEN	LIDL		NORTHAMPTONSHIRE
	Edge of Town Centre Residential Zone Total Gross floor area:		2624 sqm	
	<i>Survey date: TUESDAY</i>		<i>19/07/16</i>	<i>Survey Type: MANUAL</i>
6	NT-01-C-01 CHAPEL LANE BINGHAM	LIDL		NOTTINGHAMSHIRE
	Edge of Town Industrial Zone Total Gross floor area:		2440 sqm	
	<i>Survey date: FRIDAY</i>		<i>15/07/16</i>	<i>Survey Type: MANUAL</i>
7	PK-01-C-02 GLASGOW ROAD PERTH	ALDI		PERTH & KINROSS
	Edge of Town Centre Built-Up Zone Total Gross floor area:		1450 sqm	
	<i>Survey date: TUESDAY</i>		<i>17/06/14</i>	<i>Survey Type: MANUAL</i>

LIST OF SITES relevant to selection parameters (Cont.)

8	SM-01-C-01 SEAWARD WAY MINEHEAD	LIDL		SOMERSET
	Edge of Town No Sub Category Total Gross floor area:		2247 sqm	
	<i>Survey date: THURSDAY</i>		<i>22/06/17</i>	<i>Survey Type: MANUAL</i>
9	SR-01-C-01 PLAYERS ROAD STIRLING	LIDL		STIRLING
	Edge of Town Centre Built-Up Zone Total Gross floor area:		2442 sqm	
	<i>Survey date: THURSDAY</i>		<i>01/06/17</i>	<i>Survey Type: MANUAL</i>
10	WO-01-C-02 WORCESTER ROAD MALVERN	LIDL		WORCESTERSHIRE
	Edge of Town Centre Residential Zone Total Gross floor area:		1471 sqm	
	<i>Survey date: TUESDAY</i>		<i>26/06/18</i>	<i>Survey Type: MANUAL</i>

*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.*

MANUALLY DESELECTED SITES

Site Ref	Reason for Deselection
WS-01-C-02	Undertaken during COVID pandemic

TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES

TOTAL 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	2	2511	0.159	2	2511	0.040	2	2511	0.199
07:00 - 08:00	10	1886	0.461	10	1886	0.217	10	1886	0.678
08:00 - 09:00	10	1886	2.253	10	1886	1.532	10	1886	3.785
09:00 - 10:00	10	1886	3.568	10	1886	2.911	10	1886	6.479
10:00 - 11:00	10	1886	4.167	10	1886	3.748	10	1886	7.915
11:00 - 12:00	10	1886	4.565	10	1886	4.544	10	1886	9.109
12:00 - 13:00	10	1886	4.257	10	1886	4.364	10	1886	8.621
13:00 - 14:00	10	1886	4.194	10	1886	4.538	10	1886	8.732
14:00 - 15:00	10	1886	4.464	10	1886	4.178	10	1886	8.642
15:00 - 16:00	10	1886	4.491	10	1886	4.581	10	1886	9.072
16:00 - 17:00	10	1886	4.443	10	1886	4.602	10	1886	9.045
17:00 - 18:00	10	1886	4.051	10	1886	4.268	10	1886	8.319
18:00 - 19:00	10	1886	3.128	10	1886	3.293	10	1886	6.421
19:00 - 20:00	10	1886	2.359	10	1886	2.699	10	1886	5.058
20:00 - 21:00	9	1951	1.515	9	1951	2.096	9	1951	3.611
21:00 - 22:00	9	1951	0.541	9	1951	0.974	9	1951	1.515
22:00 - 23:00	7	2091	0.055	7	2091	0.273	7	2091	0.328
23:00 - 24:00									
<b>Total Rates:</b>			<b>48.671</b>			<b>48.858</b>			<b>97.529</b>

*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:	1023 - 2624 (units: sqm)
Survey date range:	01/01/12 - 21/10/20
Number of weekdays (Monday-Friday):	10
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	1

*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.*

Calculation Reference: AUDIT-751101-201222-1212

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 01 - RETAIL  
Category : C - DISCOUNT FOOD STORES  
TOTAL VEHICLES

Selected regions and areas:

03	SOUTH WEST	
	SM SOMERSET	1 days
05	EAST MIDLANDS	
	LN LINCOLNSHIRE	1 days
	NR NORTHAMPTONSHIRE	1 days
	NT NOTTINGHAMSHIRE	1 days
11	SCOTLAND	
	SR STIRLING	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: Gross floor area  
Actual Range: 2247 to 2624 (units: sqm)  
Range Selected by User: 700 to 2703 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/12 to 21/10/20

*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:

Saturday 5 days

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

Selected survey types:

Manual count 5 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:

Edge of Town Centre 3  
Edge of Town 2

*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:

Industrial Zone 1  
Residential Zone 1  
Built-Up Zone 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:

A1 5 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 500m Range:

All Surveys Included

Secondary Filtering selection (Cont.):

Population within 1 mile:

5,001 to 10,000	2 days
10,001 to 15,000	1 days
15,001 to 20,000	1 days
20,001 to 25,000	1 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
50,001 to 75,000	1 days
75,001 to 100,000	2 days

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

Car ownership within 5 miles:

1.1 to 1.5	5 days
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*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	5 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:

Not Known	1 days
Yes	1 days
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.*

PTAL Rating:

No PTAL Present	5 days
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*This data displays the number of selected surveys with PTAL Ratings.*



LIST OF SITES relevant to selection parameters

1	LN-01-C-01 RICHMOND DRIVE SKEGNESS	LIDL	LINCOLNSHIRE
	Edge of Town Centre Built-Up Zone Total Gross floor area:		
		2398 sqm	
	<i>Survey date: SATURDAY</i>	<i>16/07/16</i>	<i>Survey Type: MANUAL</i>
2	NR-01-C-02 NEWTON ROAD RUSHDEN	LIDL	NORTHAMPTONSHIRE
	Edge of Town Centre Residential Zone Total Gross floor area:		
		2624 sqm	
	<i>Survey date: SATURDAY</i>	<i>16/07/16</i>	<i>Survey Type: MANUAL</i>
3	NT-01-C-01 CHAPEL LANE BINGHAM	LIDL	NOTTINGHAMSHIRE
	Edge of Town Industrial Zone Total Gross floor area:		
		2440 sqm	
	<i>Survey date: SATURDAY</i>	<i>16/07/16</i>	<i>Survey Type: MANUAL</i>
4	SM-01-C-01 SEAWARD WAY MINEHEAD	LIDL	SOMERSET
	Edge of Town No Sub Category Total Gross floor area:		
		2247 sqm	
	<i>Survey date: SATURDAY</i>	<i>24/06/17</i>	<i>Survey Type: MANUAL</i>
5	SR-01-C-01 PLAYERS ROAD STIRLING	LIDL	STIRLING
	Edge of Town Centre Built-Up Zone Total Gross floor area:		
		2442 sqm	
	<i>Survey date: SATURDAY</i>	<i>03/06/17</i>	<i>Survey Type: MANUAL</i>

*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.*

MANUALLY DESELECTED SITES

Site Ref	Reason for Deselection
TV-01-C-01	Undertaken during COVID pandemic

TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES

TOTAL 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	2	2511	0.219	2	2511	0.080	2	2511	0.299
07:00 - 08:00	5	2430	0.461	5	2430	0.099	5	2430	0.560
08:00 - 09:00	5	2430	2.477	5	2430	1.728	5	2430	4.205
09:00 - 10:00	5	2430	3.563	5	2430	3.070	5	2430	6.633
10:00 - 11:00	5	2430	4.691	5	2430	4.082	5	2430	8.773
11:00 - 12:00	5	2430	6.279	5	2430	5.769	5	2430	12.048
12:00 - 13:00	5	2430	5.786	5	2430	6.074	5	2430	11.860
13:00 - 14:00	5	2430	5.613	5	2430	5.415	5	2430	11.028
14:00 - 15:00	5	2430	5.555	5	2430	5.341	5	2430	10.896
15:00 - 16:00	5	2430	5.316	5	2430	5.794	5	2430	11.110
16:00 - 17:00	5	2430	5.086	5	2430	5.448	5	2430	10.534
17:00 - 18:00	5	2430	4.189	5	2430	4.321	5	2430	8.510
18:00 - 19:00	5	2430	2.428	5	2430	3.333	5	2430	5.761
19:00 - 20:00	5	2430	1.811	5	2430	2.370	5	2430	4.181
20:00 - 21:00	5	2430	0.971	5	2430	1.136	5	2430	2.107
21:00 - 22:00	5	2430	0.535	5	2430	0.667	5	2430	1.202
22:00 - 23:00	5	2430	0.082	5	2430	0.247	5	2430	0.329
23:00 - 24:00									
<b>Total Rates:</b>			55.062			54.974			110.036

*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:	2247 - 2624 (units: sqm)
Survey date range:	01/01/12 - 21/10/20
Number of weekdays (Monday-Friday):	0
Number of Saturdays:	5
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	1

*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.*

Calculation Reference: AUDIT-751101-201222-1240

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 15 - VEHICLE SERVICES  
Category : C - CAR HIRE CENTRE  
TOTAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	BU BUCKINGHAMSHIRE	1 days
03	SOUTH WEST	
	DC DORSET	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	WY WEST YORKSHIRE	1 days
08	NORTH WEST	
	CH CHESHIRE	1 days
09	NORTH	
	CB CUMBRIA	1 days
11	SCOTLAND	
	SR STIRLING	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: Site area  
Actual Range: 0.11 to 0.32 (units: hect)  
Range Selected by User: 0.01 to 0.32 (units: hect)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/12 to 12/11/14

*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.*

Selected survey days:

Wednesday	1 days
Thursday	3 days
Friday	2 days

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

Selected survey types:

Manual count	6 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:

Town Centre	1
Edge of Town Centre	2
Edge of Town	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:

Industrial Zone	2
Residential Zone	1
Built-Up Zone	3

*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:

Not Known 6 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 500m Range:

All Surveys Included

Population within 1 mile:

1,001 to 5,000	1 days
5,001 to 10,000	1 days
15,001 to 20,000	2 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:

5,000 or Less	1 days
75,001 to 100,000	2 days
125,001 to 250,000	2 days
250,001 to 500,000	1 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	2 days
1.1 to 1.5	4 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:

No 6 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 6 days

*This data displays the number of selected surveys with PTAL Ratings.*

LIST OF SITES relevant to selection parameters

1	BU-15-C-01 DUNCOMBE STREET MILTON KEYNES BLETCHLEY Town Centre Built-Up Zone Total Site area:	AVIS & BUDGET      0.11 hect	BUCKINGHAMSHIRE
	<i>Survey date: FRIDAY</i>	<i>03/10/14</i>	<i>Survey Type: MANUAL</i>
2	CB-15-C-01 LANCASTER STREET CARLISLE  Edge of Town Centre Built-Up Zone Total Site area:	HERTZ      0.14 hect	CUMBRIA
	<i>Survey date: THURSDAY</i>	<i>12/06/14</i>	<i>Survey Type: MANUAL</i>
3	CH-15-C-01 BUMPERS LANE CHESTER SEALAND IND. ESTATE Edge of Town Industrial Zone Total Site area:	EUROPCAR      0.17 hect	CHESHIRE
	<i>Survey date: WEDNESDAY</i>	<i>12/11/14</i>	<i>Survey Type: MANUAL</i>
4	DC-15-C-02 33-39 SOUTHCOTE ROAD BOURNEMOUTH  Edge of Town Centre Built-Up Zone Total Site area:	AVIS CAR HIRE      0.14 hect	DORSET
	<i>Survey date: FRIDAY</i>	<i>21/03/14</i>	<i>Survey Type: MANUAL</i>
5	SR-15-C-02 MUNRO ROAD STIRLING  Edge of Town Industrial Zone Total Site area:	ENTERPRISE      0.26 hect	STIRLING
	<i>Survey date: THURSDAY</i>	<i>26/06/14</i>	<i>Survey Type: MANUAL</i>
6	WY-15-C-01 BRADFORD ROAD BIRSTALL  Edge of Town Residential Zone Total Site area:	ENTERPRISE      0.32 hect	WEST YORKSHIRE
	<i>Survey date: THURSDAY</i>	<i>29/05/14</i>	<i>Survey Type: MANUAL</i>

*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 15 - VEHICLE SERVICES/C - CAR HIRE CENTRE

TOTAL VEHICLES

Calculation factor: 1 hect

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. AREA	Trip Rate	No. Days	Ave. AREA	Trip Rate	No. Days	Ave. AREA	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	5	0.16	21.951	5	0.16	3.659	5	0.16	25.610
08:00 - 09:00	6	0.19	13.158	6	0.19	18.421	6	0.19	31.579
09:00 - 10:00	6	0.19	25.439	6	0.19	20.175	6	0.19	45.614
10:00 - 11:00	6	0.19	35.965	6	0.19	25.439	6	0.19	61.404
11:00 - 12:00	6	0.19	27.193	6	0.19	25.439	6	0.19	52.632
12:00 - 13:00	6	0.19	29.825	6	0.19	34.211	6	0.19	64.036
13:00 - 14:00	6	0.19	24.561	6	0.19	31.579	6	0.19	56.140
14:00 - 15:00	6	0.19	16.667	6	0.19	12.281	6	0.19	28.948
15:00 - 16:00	6	0.19	16.667	6	0.19	25.439	6	0.19	42.106
16:00 - 17:00	6	0.19	24.561	6	0.19	21.930	6	0.19	46.491
17:00 - 18:00	6	0.19	30.702	6	0.19	25.439	6	0.19	56.141
18:00 - 19:00	4	0.17	2.941	4	0.17	16.176	4	0.17	19.117
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			<b>269.630</b>			<b>260.188</b>			<b>529.818</b>

*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: 0.11 to 0.32 (units: hect)  
 Survey date range: 01/01/12 - 12/11/14  
 Number of weekdays (Monday-Friday): 6  
 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.*

Calculation Reference: AUDIT-751101-201230-1206

## TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

04	EAST ANGLIA	
	NF NORFOLK	4 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NE NORTH EAST LINCOLNSHIRE	1 days
	NY NORTH YORKSHIRE	1 days
09	NORTH	
	CB CUMBRIA	1 days
10	WALES	
	PS POWYS	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: 10 to 297 (units: )  
 Range Selected by User: 5 to 4334 (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: 01/01/12 to 08/10/20

*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	1 days
Tuesday	4 days
Wednesday	2 days
Friday	1 days

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

Selected survey types:

Manual count	6 days
Directional ATC Count	2 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:

Edge of Town Centre	4
Edge of Town	4

*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	7
Out of Town	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:

C3 8 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 500m Range:

All Surveys Included

Population within 1 mile:

1,001 to 5,000 3 days  
5,001 to 10,000 2 days  
10,001 to 15,000 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 4 days  
25,001 to 50,000 4 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 2 days  
1.1 to 1.5 6 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 5 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 8 days

*This data displays the number of selected surveys with PTAL Ratings.*



LIST OF SITES relevant to selection parameters

1	CB-03-A-05 MACADAM WAY PENRITH	DETACHED/TERRACED HOUSING	CUMBRIA
	Edge of Town Centre Residential Zone Total No of Dwellings: 50 <i>Survey date: TUESDAY 21/06/16</i>		<i>Survey Type: MANUAL</i>
2	NE-03-A-03 STATION ROAD SCUNTHORPE	PRIVATE HOUSES	NORTH EAST LINCOLNSHIRE
	Edge of Town Centre Residential Zone Total No of Dwellings: 180 <i>Survey date: TUESDAY 20/05/14</i>		<i>Survey Type: MANUAL</i>
3	NF-03-A-03 HALING WAY THETFORD	DETACHED HOUSES	NORFOLK
	Edge of Town Residential Zone Total No of Dwellings: 10 <i>Survey date: WEDNESDAY 16/09/15</i>		<i>Survey Type: MANUAL</i>
4	NF-03-A-04 NORTH WALSHAM ROAD NORTH WALSHAM	MIXED HOUSES	NORFOLK
	Edge of Town Residential Zone Total No of Dwellings: 70 <i>Survey date: WEDNESDAY 18/09/19</i>		<i>Survey Type: MANUAL</i>
5	NF-03-A-07 SILFIELD ROAD WYMONDHAM	MIXED HOUSES & FLATS	NORFOLK
	Edge of Town Out of Town Total No of Dwellings: 297 <i>Survey date: FRIDAY 20/09/19</i>		<i>Survey Type: DIRECTIONAL ATC COUNT</i>
6	NF-03-A-16 NORWICH COMMON WYMONDHAM	MIXED HOUSES & FLATS	NORFOLK
	Edge of Town Residential Zone Total No of Dwellings: 138 <i>Survey date: TUESDAY 20/10/15</i>		<i>Survey Type: DIRECTIONAL ATC COUNT</i>
7	NY-03-A-12 RACECOURSE LANE NORTHALLERTON	TOWN HOUSES	NORTH YORKSHIRE
	Edge of Town Centre Residential Zone Total No of Dwellings: 47 <i>Survey date: TUESDAY 27/09/16</i>		<i>Survey Type: MANUAL</i>
8	PS-03-A-01 BRYN GLAS WELSHPOOL	MIXED HOUSES	POWYS
	Edge of Town Centre Residential Zone Total No of Dwellings: 16 <i>Survey date: MONDAY 11/05/15</i>		<i>Survey Type: MANUAL</i>

*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.*

MANUALLY DESELECTED SITES

Site Ref	Reason for Deselection
ES-03-A-04	Too remote a location
HF-03-A-03	Too remote a location
NF-03-A-05	Too remote / No train station nearby
NY-03-A-11	No train station nearby

MANUALLY DESELECTED SITES (Cont.)

Site Ref	Reason for Deselection
SH-03-A-05	Location not representative of Milford Haven

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	8	101	0.114	8	101	0.330	8	101	0.444
08:00 - 09:00	8	101	0.163	8	101	0.377	8	101	0.540
09:00 - 10:00	8	101	0.175	8	101	0.160	8	101	0.335
10:00 - 11:00	8	101	0.130	8	101	0.146	8	101	0.276
11:00 - 12:00	8	101	0.121	8	101	0.142	8	101	0.263
12:00 - 13:00	8	101	0.153	8	101	0.172	8	101	0.325
13:00 - 14:00	8	101	0.150	8	101	0.153	8	101	0.303
14:00 - 15:00	8	101	0.135	8	101	0.210	8	101	0.345
15:00 - 16:00	8	101	0.290	8	101	0.186	8	101	0.476
16:00 - 17:00	8	101	0.318	8	101	0.197	8	101	0.515
17:00 - 18:00	8	101	0.340	8	101	0.215	8	101	0.555
18:00 - 19:00	8	101	0.276	8	101	0.209	8	101	0.485
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			<b>2.365</b>			<b>2.497</b>			<b>4.862</b>

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Parameter summary

Trip rate parameter range selected: 10 - 297 (units: )  
 Survey date range: 01/01/12 - 08/10/20  
 Number of weekdays (Monday-Friday): 12  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys automatically removed from selection: 2  
 Surveys manually removed from selection: 5

*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.*