

# APPENDIX B

## TRICS OUTPUT

Calculation Reference: AUDIT-855401-150911-0929

**TRIP RATE CALCULATION SELECTION PARAMETERS:**

Land Use : 03 - RESIDENTIAL  
 Category : G - STUDENT ACCOMMODATION

**MULTI-MODAL TOTAL PEOPLE**Selected regions and areas:

<b>03 SOUTH WEST</b>	
DV DEVON	1 days
<b>06 WEST MIDLANDS</b>	
WK WARWICKSHIRE	1 days
<b>07 YORKSHIRE &amp; NORTH LINCOLNSHIRE</b>	
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.*

Parameter: Number of residents  
 Actual Range: 15 to 241 (units: )  
 Range Selected by User: 15 to 700 (units: )

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/04 to 28/11/13

*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:

Thursday	2 days
Friday	1 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 undertaken using machines.*

Selected Locations:

Edge of Town Centre	3
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*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	1
Built-Up Zone	2

*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.*

**Filtering Stage 3 selection:**Use Class:

C3 3 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:

1,001 to 5,000 1 days

10,001 to 15,000 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:

25,001 to 50,000 2 days

125,001 to 250,000 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 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:

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.*

LIST OF SITES relevant to selection parameters

<b>1</b>	<b>DV-03-G-04</b>	<b>STUDENT ACCOMMODATION</b>	<b>DEVON</b>
	BONHAY ROAD		
	EXETER		
	Edge of Town Centre		
	Residential Zone		
	Total Number of residents:	241	
	Survey date: THURSDAY	28/11/13	Survey Type: MANUAL
<b>2</b>	<b>WK-03-G-02</b>	<b>STUDENT FLATS</b>	<b>WARWICKSHIRE</b>
	RAGLAN STREET		
	COVENTRY		
	Edge of Town Centre		
	Built-Up Zone		
	Total Number of residents:	197	
	Survey date: THURSDAY	17/10/13	Survey Type: MANUAL
<b>3</b>	<b>WY-03-G-02</b>	<b>STUDENT FLATS</b>	<b>WEST YORKSHIRE</b>
	BANKFIELD ROAD		
	FOLLY HALL		
	HUDDERSFIELD		
	Edge of Town Centre		
	Built-Up Zone		
	Total Number of residents:	15	
	Survey date: FRIDAY	03/11/06	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.

MANUALLY DESELECTED SITES

Site Ref	Reason for Deselection
DS-03-G-01	Parking
GM-03-G-02	Parking
WY-03-G-01	Parking

TRIP RATE for Land Use 03 - RESIDENTIAL/G - STUDENT ACCOMMODATION

**MULTI-MODAL TOTAL PEOPLE****Calculation factor: 1 RESIDE****BOLD print indicates peak (busiest) period**

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	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	1	241	0.000	1	241	0.000	1	241	0.000
07:00 - 08:00	3	151	0.002	3	151	0.004	3	151	0.006
08:00 - 09:00	3	151	0.011	<b>3</b>	<b>151</b>	<b>0.177</b>	3	151	0.188
09:00 - 10:00	3	151	0.004	3	151	0.038	3	151	0.042
10:00 - 11:00	3	151	0.051	3	151	0.117	3	151	0.168
11:00 - 12:00	3	151	0.055	3	151	0.068	3	151	0.123
12:00 - 13:00	3	151	0.053	3	151	0.062	3	151	0.115
13:00 - 14:00	3	151	0.091	3	151	0.077	3	151	0.168
14:00 - 15:00	3	151	0.110	3	151	0.099	3	151	0.209
15:00 - 16:00	3	151	0.132	3	151	0.097	3	151	0.229
16:00 - 17:00	3	151	0.157	3	151	0.055	3	151	0.212
17:00 - 18:00	3	151	0.172	3	151	0.099	3	151	0.271
18:00 - 19:00	<b>3</b>	<b>151</b>	<b>0.194</b>	3	151	0.108	<b>3</b>	<b>151</b>	<b>0.302</b>
19:00 - 20:00	2	219	0.053	2	219	0.059	2	219	0.112
20:00 - 21:00	2	219	0.098	2	219	0.080	2	219	0.178
21:00 - 22:00	2	219	0.048	2	219	0.037	2	219	0.085
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.231			1.177			2.408

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: 15 - 241 (units: )  
Survey date date range: 01/01/04 - 28/11/13  
Number of weekdays (Monday-Friday): 3  
Number of Saturdays: 0  
Number of Sundays: 0  
Surveys manually removed from selection: 5

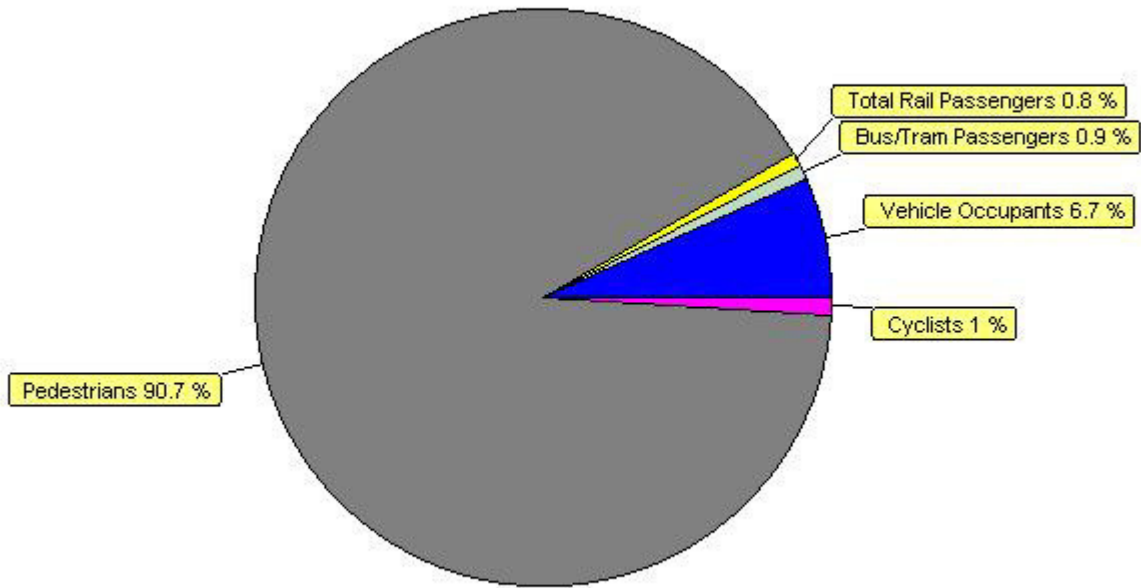
This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected 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.

# APPENDIX C

## MODAL SPLIT

**MODAL SPLIT PERCENTAGES**

Modal Split Percentages



Time Range/Peak Period Selection  
Direction: Totals / Use All Times