APPENDIX B. Updated TRICS Outputs

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use   : 03 - RESIDENTIAL
Category   : O - RETIREMENT AND CARE COMMUNITY
TOTAL VEHICLES

Selected regions and areas:
02	SOUTH EAST	
	KC KENT	1 days
03	SOUTH WEST	
	WL WILTSHIRE	1 days
04	EAST ANGLIA	
	NF NORFOLK	1 days
	PB PETERBOROUGH	1 days
05	EAST MIDLANDS	
	NN NORTH NORTHAMPTONSHIRE	1 days
09	NORTH	
	FU WESTMORLAND & FURNESS	1 days
	TW TYNE & WEAR	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: 35 to 84 (units:)
Range Selected by User: 35 to 327 (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 28/06/24

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:
Tuesday   1 days
Wednesday   1 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   7 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.

Selected Locations:
Suburban Area (PPS6 Out of Centre)   3
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   6
Retail Zone   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   4 days - Selected
Servicing vehicles Excluded   3 days - Selected

Secondary Filtering selection:

Use Class:
n/a   7 days

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:
5,001 to 10,000	1 days
10,001 to 15,000	2 days
15,001 to 20,000	1 days
20,001 to 25,000	1 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	1 days
50,001 to 75,000	1 days
75,001 to 100,000	2 days
125,001 to 250,000	2 days
500,001 or More	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	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.

Travel Plan:
No	7 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	7 days

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

i-Transport   The Square   Basingstoke

LIST OF SITES relevant to selection parameters

1	FU-03-O-01	RETIREMENT VILLAGE	WESTMORLAND & FURNESS

BRIDGE LANE
PENRITH

Edge of Town
Residential Zone
Total No of Dwellings: 57
        Survey date: FRIDAY   15/10/21   Survey Type: MANUAL

2	KC-03-O-03	RETIREMENT VILLAGE	KENT

WILLICOMBE PARK
ROYAL TUNBRIDGE WELLS

Edge of Town
Residential Zone
Total No of Dwellings: 62
        Survey date: WEDNESDAY   08/11/23   Survey Type: MANUAL

3	NF-03-O-01	RETIREMENT VILLAGE	NORFOLK

CITY ROAD
NORWICH
LAKENHAM
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total No of Dwellings: 51
        Survey date: FRIDAY   16/09/22   Survey Type: MANUAL

4	NN-03-O-01	RETIREMENT VILLAGE	NORTH NORTHAMPTONSHIRE

NORTHAMPTON ROAD
KETTERING

Edge of Town
Residential Zone
Total No of Dwellings: 84
        Survey date: THURSDAY   05/10/23   Survey Type: MANUAL

5	PB-03-O-01	RETIREMENT VILLAGE	PETERBOROUGH

GOLDHAY WAY
PETERBOROUGH
ORTON GOLDHAY
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total No of Dwellings: 35
        Survey date: TUESDAY   29/06/21   Survey Type: MANUAL

6	TW-03-O-01	RETIREMENT VILLAGE	TYNE & WEAR

MARIGOLD AVENUE
GATESHEAD

Suburban Area (PPS6 Out of Centre)
Residential Zone
Total No of Dwellings: 42
        Survey date: FRIDAY   28/06/24   Survey Type: MANUAL

7	WL-03-O-01	RETIREMENT VILLAGE	WILTSHIRE

MALMESBURY ROAD
CHIPPENHAM

Edge of Town
Retail Zone
Total No of Dwellings: 63
        Survey date: FRIDAY   05/05/23   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 03 - RESIDENTIAL/O - RETIREMENT AND CARE COMMUNITY
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	7	56	0.076	7	56	0.025	7	56	0.101
08:00 - 09:00	7	56	0.117	7	56	0.033	7	56	0.150
09:00 - 10:00	7	56	0.124	7	56	0.094	7	56	0.218
10:00 - 11:00	7	56	0.127	7	56	0.114	7	56	0.241
11:00 - 12:00	7	56	0.102	7	56	0.140	7	56	0.242
12:00 - 13:00	7	56	0.127	7	56	0.142	7	56	0.269
13:00 - 14:00	7	56	0.119	7	56	0.114	7	56	0.233
14:00 - 15:00	7	56	0.129	7	56	0.137	7	56	0.266
15:00 - 16:00	7	56	0.122	7	56	0.145	7	56	0.267
16:00 - 17:00	7	56	0.071	7	56	0.102	7	56	0.173
17:00 - 18:00	7	56	0.058	7	56	0.091	7	56	0.149
18:00 - 19:00	7	56	0.048	7	56	0.066	7	56	0.114
19:00 - 20:00	4	65	0.058	4	65	0.050	4	65	0.108
20:00 - 21:00	4	65	0.031	4	65	0.050	4	65	0.081
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.309			1.303			2.612

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:	35 - 84 (units:)
Survey date date range:	01/01/16 - 28/06/24
Number of weekdays (Monday-Friday):	7
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.