







Appendix G TRICS Assessment Report

Calculation Reference: AUDIT-657801-250507-0559

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	SOUTH EAST	
	CT CENTRAL BEDFORDSHIRE	1 days
	ES EAST SUSSEX	2 days
	HC HAMPSHIRE	1 days
03	SOUTH WEST	
	DC DORSET	1 days
	SM SOMERSET	2 days
04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	1 days
	NF NORFOLK	2 days
	SF SUFFOLK	2 days
08	NORTH WEST	
	AC CHESHIRE WEST & CHESTER	1 days
09	NORTH	
	DH DURHAM	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: 12 to 50 (units:)
 Range Selected by User: 4 to 55 (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 18/09/24

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:

Monday	1 days
Tuesday	3 days
Wednesday	5 days
Thursday	2 days
Friday	3 days

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

Selected survey types:

Manual count	13 days
Directional ATC Count	1 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)	1
Edge of Town	6
Neighbourhood Centre (PPS6 Local Centre)	7

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
Village	7

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	18 days - Selected
Servicing vehicles Excluded	48 days - Selected

Secondary Filtering selection:

Use Class:
 C3 14 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:

1,000 or Less	1 days
1,001 to 5,000	7 days
5,001 to 10,000	6 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	5 days
50,001 to 75,000	3 days
75,001 to 100,000	3 days
100,001 to 125,000	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	4 days
1.1 to 1.5	9 days
1.6 to 2.0	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:

Yes	7 days
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	14 days
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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
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LIST OF SITES relevant to selection parameters

1	AC-03-A-05	SEMI -DETACHED & TERRACED	CHESHIRE WEST & CHESTER
	MEADOW DRIVE		
	NORTHWICH		
	BARNTON		
	Neighbourhood Centre (PPS6 Local Centre)		
	Village		
	Total No of Dwellings:	40	
	<i>Survey date: FRIDAY</i>	<i>30/04/21</i>	<i>Survey Type: MANUAL</i>
2	CA-03-A-07	MIXED HOUSES	CAMBRI DGE SHIRE
	FIELD END		
	NEAR ELY		
	WITCHFORD		
	Neighbourhood Centre (PPS6 Local Centre)		
	Village		
	Total No of Dwellings:	32	
	<i>Survey date: THURSDAY</i>	<i>27/05/21</i>	<i>Survey Type: MANUAL</i>
3	CT-03-A-01	MIXED HOUSES	CENTRAL BEDFORDSHIRE
	ARLESEY ROAD		
	STOTFOLD		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	46	
	<i>Survey date: WEDNESDAY</i>	<i>22/06/22</i>	<i>Survey Type: MANUAL</i>
4	DC-03-A-10	MIXED HOUSES	DORSET
	ADDISON CLOSE		
	GILLINGHAM		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	26	
	<i>Survey date: WEDNESDAY</i>	<i>09/11/22</i>	<i>Survey Type: MANUAL</i>
5	DH-03-A-01	SEMI DETACHED	DURHAM
	GREENFIELDS ROAD		
	BISHOP AUCKLAND		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total No of Dwellings:	50	
	<i>Survey date: TUESDAY</i>	<i>28/03/17</i>	<i>Survey Type: MANUAL</i>
6	ES-03-A-06	MIXED HOUSES	EAST SUSSEX
	BISHOPS LANE		
	RINGMER		
	Neighbourhood Centre (PPS6 Local Centre)		
	Village		
	Total No of Dwellings:	12	
	<i>Survey date: WEDNESDAY</i>	<i>16/06/21</i>	<i>Survey Type: MANUAL</i>
7	ES-03-A-13	DETACHED HOUSES	EAST SUSSEX
	A265		
	HEATHFIELD		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	36	
	<i>Survey date: MONDAY</i>	<i>18/03/24</i>	<i>Survey Type: MANUAL</i>
8	HC-03-A-31	MIXED HOUSES & FLATS	HAMPSHIRE
	KILN ROAD		
	LIPHOOK		
	Edge of Town		
	Residential Zone		
	Total No of Dwellings:	44	
	<i>Survey date: FRIDAY</i>	<i>07/10/22</i>	<i>Survey Type: MANUAL</i>

LIST OF SITES relevant to selection parameters (Cont.)

9	NF-03-A-05 HEATH DRIVE HOLT	MIXED HOUSES	NORFOLK
	Edge of Town Residential Zone		
	Total No of Dwellings:	40	
	<i>Survey date: THURSDAY</i>	<i>19/09/19</i>	<i>Survey Type: MANUAL</i>
10	NF-03-A-10 HUNSTANTON ROAD HUNSTANTON	MIXED HOUSES & FLATS	NORFOLK
	Edge of Town Residential Zone		
	Total No of Dwellings:	17	
	<i>Survey date: WEDNESDAY</i>	<i>12/09/18</i>	<i>Survey Type: DIRECTIONAL ATC COUNT</i>
11	SF-03-A-06 BURY ROAD KENTFORD	DETACHED & SEMI -DETACHED	SUFFOLK
	Neighbourhood Centre (PPS6 Local Centre) Village		
	Total No of Dwellings:	38	
	<i>Survey date: FRIDAY</i>	<i>22/09/17</i>	<i>Survey Type: MANUAL</i>
12	SF-03-A-08 STANNINGFIELD ROAD NEAR BURY ST EDMUNDS GREAT WHELNETHAM	MIXED HOUSES	SUFFOLK
	Neighbourhood Centre (PPS6 Local Centre) Village		
	Total No of Dwellings:	34	
	<i>Survey date: WEDNESDAY</i>	<i>16/09/20</i>	<i>Survey Type: MANUAL</i>
13	SM-03-A-02 HYDE LANE NEAR TAUNTON CREECH SAINT MICHAEL	MIXED HOUSES	SOMERSET
	Neighbourhood Centre (PPS6 Local Centre) Village		
	Total No of Dwellings:	42	
	<i>Survey date: TUESDAY</i>	<i>25/09/18</i>	<i>Survey Type: MANUAL</i>
14	SM-03-A-03 HYDE LANE NEAR TAUNTON CREECH ST MICHAEL	MIXED HOUSES	SOMERSET
	Neighbourhood Centre (PPS6 Local Centre) Village		
	Total No of Dwellings:	41	
	<i>Survey date: TUESDAY</i>	<i>25/09/18</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
AC-03-A-04	House type not comparable
CC-03-A-01	Location not comparable
DE-03-A-04	Location not comparable
DN-03-A-08	Location not comparable
IM-03-A-01	Location not comparable
IM-03-A-05	Location not comparable
MG-03-A-01	Location not comparable

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	14	36	0.082	14	36	0.283	14	36	0.365
08:00 - 09:00	14	36	0.157	14	36	0.347	14	36	0.504
09:00 - 10:00	14	36	0.165	14	36	0.207	14	36	0.372
10:00 - 11:00	14	36	0.127	14	36	0.151	14	36	0.278
11:00 - 12:00	14	36	0.187	14	36	0.181	14	36	0.368
12:00 - 13:00	14	36	0.149	14	36	0.173	14	36	0.322
13:00 - 14:00	14	36	0.167	14	36	0.145	14	36	0.312
14:00 - 15:00	14	36	0.157	14	36	0.183	14	36	0.340
15:00 - 16:00	14	36	0.259	14	36	0.167	14	36	0.426
16:00 - 17:00	14	36	0.219	14	36	0.177	14	36	0.396
17:00 - 18:00	14	36	0.327	14	36	0.169	14	36	0.496
18:00 - 19:00	14	36	0.263	14	36	0.122	14	36	0.385
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:		2.259			2.305				4.564

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:	12 - 50 (units:)
Survey date date range:	01/01/16 - 18/09/24
Number of weekdays (Monday-Friday):	14
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	1
Surveys manually removed from selection:	7

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.