Histonwood Ltd

Land Rear of 12-26 Eastwood Road, Rayleigh, Essex

Transport Planning Associates

Job Number: 1609-76

Technical Note No.1 – Trip Comparison

1 Introduction

1.1 This Technical Note (TN) has been prepared by Transport Planning Associates (TPA) on behalf of Histonwood Ltd to confirm the traffic likely to be generated by the proposed residential development of circa 41 units on land to the rear of 12-26 Eastwood Road, Rayleigh, Essex.

1.2 Following discussions with Essex County Council (ECC) highway officers, via email on 7th November 2016, it was agreed that the scheme, when compared to the ECC Policy Document, did fall within the requirement for a transport statement. However, ECC highway officers confirmed that as there is an existing and historic B1 use on the site, a transport comparison between existing use and proposed use will be adequate for this application. This correspondence is included at **Appendix A**.

1.3 This technical note therefore provides a vehicular trip comparison between the proposed scheme and the extant uses to assess to confirm there is no material difference in vehicular trips.

2 Trip Generation

2.1 In order to establish the traffic impact of the proposed redevelopment, vehicular trip rates have been derived using the TRICS 7.3.3 database. The typical weekday AM and PM peak hours have been considered.

2.2 The 'Employment – Industrial Unit' category within TRICS has been used to represent the existing site as this best represents the current situation. Surveys within the last five years within Edge of Town and Suburban locations have been selected as this is considered to be the most comparable.

2.3 It has been confirmed that the current site comprises approximately 1,413 Gross Floor Area (GFA) which has been used to inform our trip assessment.

2.4 For the proposed residential use of the site, the 'Flats Privately Owned' category within TRICS has been selected to assess how many vehicular trips are likely to be generated by the proposed site.

2.5 The TRICS output is included within **Appendix B** and a summary of the two-way vehicular trips is provided in **Table 2.1** and **Table 2.2** below.

2.6 **Table 2.3** provides an assessment which compares the difference in traffic between the proposed and the existing uses during the network AM and PM peak periods.

Table 2.1 – Current Site – Industrial Unit (B2)

Land Use	FORECAST TWO-WAY TRIP GENERATION / ATTRACTION		
B2	**Arrivals**	**Departures**	**Two-Way**
AM Peak (0800-0900)	7	3	10
PM Peak (1700-1800)	1	10	11

2.7 **Table 2.1** confirms that the existing site is associated with between up to 10 and 11 two-way vehicular trips in the AM and PM Peaks respectively.

Table 2.2 - Proposed Residential Development (41 Open Market Flats)

Land Use	FORECAST TWO-WAY TRIP GENERATION / ATTRACTION		
Open Market Flats	**Arrivals**	**Departures**	**Two-Way**
AM Peak (0800-0900)	3	11	14
PM Peak (1700-1800)	12	5	17

2.8 **Table 2.2** confirms that the proposed residential redevelopment of the site could be associated with between 14 and 17 two-way vehicular trips in the AM and PM Peaks respectively.

Table 2.3 – Trip Comparison

Redevelopment Scenario	AM Peak	PM Peak
A. Current B2 Use (1,413 GFA)	10	11
B. Proposed Residential Use (41 units)	14	17
C. Comparison (B-A)	+4	+6

2.9 **Table 2.3** demonstrates that the proposed residential redevelopment of the site could be associated with up to four additional trips in the AM Peak and up to six two-way vehicular trips in the PM Peak. Although there is forecast to be an increase in vehicular trips in the peak hours, this is considered to be immaterial as this equates to an additional one vehicular trip every 15 minutes in the AM Peak and one vehicular trip every 10 minutes in the PM Peak.

2.10 The proposed redevelopment of the site is therefore not considered to have a material impact on the operation of the local highway network.

Appendix A

Mills, Rebecca

From:	Caroline Tracey, Strategic Development Officer <caroline.tracey@essex.gov.uk>
Sent:	07 November 2016 11:12
To:	Dickinson-Lovett, Hadley
Cc:	Elizabeth Thorogood (Elizabeth.Thorogood@Rochford.gov.uk)
Subject:	RE: 16/00798 Land rear of 12 to 26 Eastwood Road, Rayleigh

Hi Hadley

In response to your emails, to confirm, in principle the Highway Authority do not have an objection to the proposed development, subject to conditions.

Regarding the requirement for a transport statement, contrary to the advice I gave you during our telephone conversation, having now verified our requirements against The ECC Policy Document, your development does fall within the requirement for a transport statement. However, there is an existing and historic B1 use on the site, therefore, a transport comparison between existing use and proposed use will be adequate for this application.

As discussed, please provide a planning drawing that demonstrates swept path analysis for refuse vehicles and fire tenders to be able to access the entire site.

You will need to confirm details of refuse collection points with the refuse team at Rochford District Council.

As previously agreed with Katie Rodgers, parking spaces are acceptable at a minimum of 2.5 x 5.0 metres.

Once I have received the additional information that is now required I shall be able to complete my recommendation on behalf of the Highway Authority.

The content of this communication is based on information supplied at the time of the enquiry and is not a formal response to a planning application. Please be aware that it may not reflect the contents of any formal reply made by the Highway Authority in response to an official consultation from the LPA on a planning application submitted for a proposal containing more detailed information and following comprehensive internal consultation with appropriate departments of Essex Highways; particularly if in the opinion of the Highway Authority highway safety, efficiency and accessibility standards cannot be achieved.

Kind regards

Caroline Tracey
Strategic Development Officer
Transportation, Planning and Development

Essex County Council | telephone: 03330 130119 | mobile: 07872 869616 | email: caroline.tracey@essex.gov.uk

The Highway Authority is now charging for all pre-planning application advice. Details can be found on our web page:
http://www.essex.gov.uk/Environment%20Planning/Planning/Transport-planning/Infomation-for-developers/Pages/Developer-information.aspx

From: Dickinson-Lovett, Hadley [mailto:hadley.dickinson-lovett@tpa.uk.com]
Sent: 03 November 2016 17:34
To: Caroline Tracey, Strategic Development Officer
Subject: RE: 16/00798 Land rear of 12 to 26 Eastwood Road, Rayleigh

Caroline,

Sorry three emails in 15 minutes now, I'm filling up your inbox!

The architect has found Katie's written confirmation of the acceptance for the reduced parking spaces. Please see attached.

Kind regards

Hadley Dickinson-Lovett | Senior Transport Planner
Transport Planning Associates

25 King Street | Bristol | BS1 4PB
0117 925 9400 | hadley.dickinson-lovett@tpa.uk.com | www.tpa.uk.com

From: Dickinson-Lovett, Hadley
Sent: 03 November 2016 17:13
To: caroline.tracey@essex.gov.uk
Subject: RE: 16/00798 Land rear of 12 to 26 Eastwood Road, Rayleigh

Hi Caroline,

My apologies, it was a parking space size of 2.5m x 5.0m that had previously been agreed as acceptable by Katie. Which again is why they are the size they currently are.

Many thanks,

Hadley

Hadley Dickinson-Lovett | Senior Transport Planner
Transport Planning Associates

From: Dickinson-Lovett, Hadley
Sent: 03 November 2016 16:54
To: caroline.tracey@essex.gov.uk
Cc: Jones, Anthony <anthony.jones@tpa.uk.com>
Subject: FW: 16/00798 Land rear of 12 to 26 Eastwood Road, Rayleigh

Hi Caroline,

Thank you very much for your swift response to my email and phone call. I'm just writing to confirm our discussions regarding the proposed residential development at Land rear of 12 to 26 Eastwood Road, Rayleigh (16/00798).

You agreed that the highway authority in principle do not have any major objections to the scheme and that subject to the following matters being addressed you would be happy for the highway authority to give its approval to the scheme. The areas that you required addressing to achieve this are:

I. Swept path analysis is required for a refuse and fire tender vehicles using the right angle bend in the access road and if this is a problem then the provision of a curved radi around the inside of the right angle bend to make all vehicle movements at this location more practical would be acceptable;
II. Confirmation should be sought from the refuse collection team as to whether the two proposed bin storage areas close to the end of the Mews near the type 5 turning heads are in an acceptable location for collection, if not these should be moved in line with their guidance; and
III. One parking space per dwelling is considered acceptable to the highway authority due to the sites high level of accessibility, however, you mentioned the parking spaces are required to be in line with guidance and therefore need to be 2.9m x 5.5m rather than the current 2.5m x 5.5m. - On this point I have been informed today by the applicant and the architect that they had previously held discussions with your colleague Katie Rodgers (before she went on maternity leave) that 2.5m x 5.5m would be acceptable in this instance given the site's constrained nature and its central location, and that is why the layout and spaces have been designed as they are. Are you able to confirm that 2.5 x 5.5m is therefore acceptable in this instance?

It was also agreed that there is no requirement to provide a Transport Statement for these proposals and that the issuing and agreement of the above would conclude matters.

If you were able to agree that the above is an accurate representation of our discussions that would be very much appreciated,

Kind regards

Hadley Dickinson-Lovett | Senior Transport Planner
Transport Planning Associates

25 King Street | Bristol | BS1 4PB
0117 925 9400 | hadley.dickinson-lovett@tpa.uk.com | www.tpa.uk.com

Bristol | Cambridge | Cardiff | London | Oxford | Welwyn Garden City

From: Elizabeth.Thorogood@Rochford.gov.uk [mailto:Elizabeth.Thorogood@Rochford.gov.uk]
Sent: 02 November 2016 11:05
To: Dickinson-Lovett, Hadley <hadley.dickinson-lovett@tpa.uk.com>
Subject: FW: 16/00798 Land rear of 12 to 26 Eastwood Road, Rayleigh

From: Caroline Tracey, Strategic Development Officer [mailto:caroline.tracey@essex.gov.uk]
Sent: 19 September 2016 09:53
To: Elizabeth Thorogood
Subject: 16/00798 Land rear of 12 to 26 Eastwood Road, Rayleigh

Hi Elizabeth

Hope you had a lovely holiday.

Regarding this planning application for demolition of buildings and construction with 2 x 3 storey buildings comprising 41 flats.

Could you please let me know if the applicant has supplied an updated design and access statement for this application?

I would like to know if the applicant has supplied swept path analysis for vehicles using the right angle bend in the access road? Ideally I need to see a swept path for a fire tender. If the access is difficult I would suggest they create a curved radii around the inside of the right angle bend to make all vehicle movements at this location more practical.
The two proposed bin storage areas close to the end of the Mews near the type 5 turning heads are a considerable distance from the highway, the applicant should check with refuse and collection services to confirm if they will collect from these locations.

Kind regards

Caroline Tracey
Strategic Development Officer
Transportation, Planning and Development

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Appendix B

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
Category : C - INDUSTRIAL UNIT
VEHICLES

Selected regions and areas:

02	**SOUTH EAST**		
	HF	HERTFORDSHIRE	1 days
	RE	READING	1 days
03	**SOUTH WEST**		
	BR	BRISTOL CITY	1 days
04	**EAST ANGLIA**		
	SF	SUFFOLK	1 days
06	**WEST MIDLANDS**		
	WM	WEST MIDLANDS	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:	Gross floor area
Actual Range:	300 to 1800 (units: sqm)
Range Selected by User:	300 to 3500 (units: sqm)

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/08 to 22/09/15

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	2 days
Friday	1 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 undertaking using machines.

Selected Locations:

Suburban Area (PPS6 Out of 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	4
Commercial 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.

Filtering Stage 3 selection:

Use Class:

B1	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 1 mile:

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

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	1 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	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.

LIST OF SITES relevant to selection parameters

1 **BR-02-C-02** **STAINLESS FITTINGS** **BRISTOL CITY**
SOUTH LIBERTY LANE

BRISTOL
Edge of Town
Industrial Zone
Total Gross floor area: 1475 sqm
Survey date: TUESDAY *22/09/15* *Survey Type: MANUAL*

2 **HF-02-C-01** **INDUSTRIAL UNIT** **HERTFORDSHIRE**
BRIDGE ROAD EAST

WELWYN GARDEN CITY
Suburban Area (PPS6 Out of Centre)
Industrial Zone
Total Gross floor area: 1800 sqm
Survey date: THURSDAY *17/07/08* *Survey Type: MANUAL*

3 **RE-02-C-01** **SHEET METAL FABRICATION** **READING**
COMMERCIAL ROAD

READING
Edge of Town
Industrial Zone
Total Gross floor area: 645 sqm
Survey date: THURSDAY *22/11/12* *Survey Type: MANUAL*

4 **SF-02-C-01** **JOINERY** **SUFFOLK**
ANSON ROAD
MARTLESHAM HEATH
IPSWICH
Edge of Town
Industrial Zone
Total Gross floor area: 1100 sqm
Survey date: FRIDAY *12/07/13* *Survey Type: MANUAL*

5 **WM-02-C-02** **ARDONPRINT** **WEST MIDLANDS**
SYDNEY ROAD
SMALL HEATH
BIRMINGHAM
Suburban Area (PPS6 Out of Centre)
Commercial Zone
Total Gross floor area: 300 sqm
Survey date: WEDNESDAY *17/06/09* *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
BR-02-C-01	not comparable
DS-02-C-02	not comparable
HE-02-C-02	not comparable
TW-02-C-01	not comparable

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT

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									
07:00 - 08:00	5	1064	0.263	5	1064	0.000	5	1064	0.263
08:00 - 09:00	**5**	**1064**	**0.508**	5	1064	0.188	5	1064	0.696
09:00 - 10:00	5	1064	0.432	5	1064	0.188	5	1064	0.620
10:00 - 11:00	5	1064	0.395	5	1064	0.301	5	1064	0.696
11:00 - 12:00	5	1064	0.263	5	1064	0.301	5	1064	0.564
12:00 - 13:00	5	1064	0.338	5	1064	0.282	5	1064	0.620
13:00 - 14:00	5	1064	0.432	5	1064	0.395	**5**	**1064**	**0.827**
14:00 - 15:00	5	1064	0.320	5	1064	0.376	5	1064	0.696
15:00 - 16:00	5	1064	0.376	5	1064	0.357	5	1064	0.733
16:00 - 17:00	5	1064	0.207	5	1064	0.451	5	1064	0.658
17:00 - 18:00	5	1064	0.038	**5**	**1064**	**0.733**	5	1064	0.771
18:00 - 19:00	5	1064	0.038	5	1064	0.038	5	1064	0.076
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			3.610			3.610			7.220

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:	300 - 1800 (units: sqm)
Survey date date range:	01/01/08 - 22/09/15
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	1
Surveys manually removed from selection:	4

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.

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT

TAXIS

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									
07:00 - 08:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
08:00 - 09:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
09:00 - 10:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
10:00 - 11:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
11:00 - 12:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
12:00 - 13:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
13:00 - 14:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
14:00 - 15:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
15:00 - 16:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
16:00 - 17:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
17:00 - 18:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
18:00 - 19:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.000			0.000			0.000

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Trip rate parameter range selected:	300 - 1800 (units: sqm)
Survey date date range:	01/01/08 - 22/09/15
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Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	1
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TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT

OGVS

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									
07:00 - 08:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
08:00 - 09:00	**5**	**1064**	**0.056**	5	1064	0.038	5	1064	0.094
09:00 - 10:00	5	1064	0.038	5	1064	0.038	5	1064	0.076
10:00 - 11:00	5	1064	0.056	**5**	**1064**	**0.075**	**5**	**1064**	**0.131**
11:00 - 12:00	5	1064	0.038	5	1064	0.038	5	1064	0.076
12:00 - 13:00	5	1064	0.038	5	1064	0.019	5	1064	0.057
13:00 - 14:00	5	1064	0.000	5	1064	0.019	5	1064	0.019
14:00 - 15:00	5	1064	0.019	5	1064	0.019	5	1064	0.038
15:00 - 16:00	5	1064	0.019	5	1064	0.019	5	1064	0.038
16:00 - 17:00	5	1064	0.019	5	1064	0.019	5	1064	0.038
17:00 - 18:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
18:00 - 19:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.283			0.284			0.567

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TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT
PSVS
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									
07:00 - 08:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
08:00 - 09:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
09:00 - 10:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
10:00 - 11:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
11:00 - 12:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
12:00 - 13:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
13:00 - 14:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
14:00 - 15:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
15:00 - 16:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
16:00 - 17:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
17:00 - 18:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
18:00 - 19:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
19:00 - 20:00									
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:	300 - 1800 (units: sqm)
Survey date date range:	01/01/08 - 22/09/15
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	1
Surveys manually removed from selection:	4

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.

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT

CYCLISTS

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									
07:00 - 08:00	**5**	**1064**	**0.056**	5	1064	0.000	5	1064	0.056
08:00 - 09:00	5	1064	0.038	5	1064	0.000	5	1064	0.038
09:00 - 10:00	5	1064	0.019	5	1064	0.000	5	1064	0.019
10:00 - 11:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
11:00 - 12:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
12:00 - 13:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
13:00 - 14:00	5	1064	0.038	**5**	**1064**	**0.038**	**5**	**1064**	**0.076**
14:00 - 15:00	5	1064	0.000	5	1064	0.019	5	1064	0.019
15:00 - 16:00	5	1064	0.000	5	1064	0.019	5	1064	0.019
16:00 - 17:00	5	1064	0.000	5	1064	0.038	5	1064	0.038
17:00 - 18:00	5	1064	0.019	5	1064	0.038	5	1064	0.057
18:00 - 19:00	5	1064	0.000	5	1064	0.000	5	1064	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.170			0.152			0.322

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:	300 - 1800 (units: sqm)
Survey date date range:	01/01/08 - 22/09/15
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	1
Surveys manually removed from selection:	4

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-219601-161117-1101

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL
Category : C - FLATS PRIVATELY OWNED

MULTI-MODAL VEHICLES

Selected regions and areas:

02	**SOUTH EAST**		
	HC	HAMPSHIRE	1 days
	HF	HERTFORDSHIRE	1 days
	OX	OXFORDSHIRE	1 days
	SC	SURREY	1 days
03	**SOUTH WEST**		
	DC	DORSET	1 days
04	**EAST ANGLIA**		
	CA	CAMBRIDGESHIRE	1 days
	SF	SUFFOLK	1 days
05	**EAST MIDLANDS**		
	DS	DERBYSHIRE	1 days
	NR	NORTHAMPTONSHIRE	1 days
06	**WEST MIDLANDS**		
	ST	STAFFORDSHIRE	1 days
07	**YORKSHIRE & NORTH LINCOLNSHIRE**		
	RI	EAST RIDING OF YORKSHIRE	1 days
09	**NORTH**		
	CB	CUMBRIA	2 days
	TV	TEES VALLEY	2 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 dwellings
Actual Range: 8 to 86 (units:)
Range Selected by User: 6 to 100 (units:)

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/08 to 18/12/14

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:

Monday	2 days
Tuesday	2 days
Wednesday	7 days
Thursday	2 days
Friday	2 days

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

Selected survey types:

Manual count	15 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)	13
Edge of Town	2

This data displays the number of surveys per main location category within the selected set. The main location categories

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	15 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	2 days
10,001 to 15,000	5 days
15,001 to 20,000	1 days
20,001 to 25,000	3 days
25,001 to 50,000	4 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	4 days
100,001 to 125,000	1 days
125,001 to 250,000	5 days
250,001 to 500,000	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	12 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	15 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

1 **CA-03-C-02** **BLOCK OF FLATS** **CAMBRIDGESHIRE**
WESTFIELD ROAD
NETHERTON
PETERBOROUGH
Suburban Area (PPS6 Out of Centre)
No Sub Category
Total Number of dwellings: 44
Survey date: TUESDAY *18/10/11* *Survey Type: MANUAL*

2 **CB-03-C-02** **BLOCK OF FLATS** **CUMBRIA**
BRIDGE LANE

PENRITH
Edge of Town
No Sub Category
Total Number of dwellings: 35
Survey date: WEDNESDAY *11/06/14* *Survey Type: MANUAL*

3 **CB-03-C-03** **FLATS & BUNGALOWS** **CUMBRIA**
LOUND STREET

KENDAL
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 33
Survey date: MONDAY *09/06/14* *Survey Type: MANUAL*

4 **DC-03-C-02** **FLATS IN BLOCKS** **DORSET**
PALM COURT
SPA ROAD
WEYMOUTH
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 14
Survey date: FRIDAY *28/03/14* *Survey Type: MANUAL*

5 **DS-03-C-01** **BLOCK OF FLATS** **DERBYSHIRE**
DRAGE STREET
LITTLE CHESTER
DERBY
Suburban Area (PPS6 Out of Centre)
No Sub Category
Total Number of dwellings: 8
Survey date: THURSDAY *25/06/09* *Survey Type: MANUAL*

6 **HC-03-C-02** **FLATS** **HAMPSHIRE**
WORTING ROAD

BASINGSTOKE
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 16
Survey date: THURSDAY *21/10/10* *Survey Type: MANUAL*

7 **HF-03-C-02** **FLATS** **HERTFORDSHIRE**
BRIDGE ROAD EAST

WELWYN GARDEN CITY
Suburban Area (PPS6 Out of Centre)
No Sub Category
Total Number of dwellings: 86
Survey date: WEDNESDAY *16/07/08* *Survey Type: MANUAL*

8 **NR-03-C-01** **BLOCK OF FLATS** **NORTHAMPTONSHIRE**
ROCKINGHAM ROAD

CORBY
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 20
Survey date: FRIDAY *21/11/08* *Survey Type: MANUAL*

LIST OF SITES relevant to selection parameters (Cont.)

9 **OX-03-C-01** **BLOCK OF FLATS** **OXFORDSHIRE**
OXFORD ROAD
COWLEY
OXFORD
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 14
Survey date: WEDNESDAY *20/10/10* *Survey Type: MANUAL*

10 **RI-03-C-01** **FLATS** **EAST RIDING OF YORKSHIRE**
465 PRIORY ROAD

HULL
Edge of Town
Residential Zone
Total Number of dwellings: 20
Survey date: TUESDAY *13/05/14* *Survey Type: MANUAL*

11 **SC-03-C-02** **FLATS** **SURREY**
CONSTITUTION HILL

WOKING
Suburban Area (PPS6 Out of Centre)
Built-Up Zone
Total Number of dwellings: 36
Survey date: WEDNESDAY *23/07/08* *Survey Type: MANUAL*

12 **SF-03-C-03** **BLOCKS OF FLATS** **SUFFOLK**
TOLLGATE LANE

BURY ST EDMUNDS
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 30
Survey date: WEDNESDAY *03/12/14* *Survey Type: MANUAL*

13 **ST-03-C-01** **BLOCKS OF FLATS** **STAFFORDSHIRE**
ETRURIA COURT
HUMBERT ROAD
STOKE-ON-TRENT
Suburban Area (PPS6 Out of Centre)
No Sub Category
Total Number of dwellings: 33
Survey date: WEDNESDAY *26/11/08* *Survey Type: MANUAL*

14 **TV-03-C-01** **APARTMENTS BLOCKS** **TEES VALLEY**
OXFORD ROAD
LINTHORPE
MIDDLESBROUGH
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 85
Survey date: MONDAY *06/10/08* *Survey Type: MANUAL*

15 **TV-03-C-02** **FLATS** **TEES VALLEY**
ACKLAM ROAD
LINTHORPE
MIDDLESBROUGH
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 85
Survey date: WEDNESDAY *29/06/11* *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/C - FLATS PRIVATELY OWNED
MULTI-MODAL VEHICLES
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	15	37	0.041	15	37	0.145	15	37	0.186
08:00 - 09:00	15	37	0.079	**15**	**37**	**0.265**	15	37	0.344
09:00 - 10:00	15	37	0.073	15	37	0.123	15	37	0.196
10:00 - 11:00	15	37	0.086	15	37	0.098	15	37	0.184
11:00 - 12:00	15	37	0.095	15	37	0.095	15	37	0.190
12:00 - 13:00	15	37	0.107	15	37	0.104	15	37	0.211
13:00 - 14:00	15	37	0.098	15	37	0.097	15	37	0.195
14:00 - 15:00	15	37	0.102	15	37	0.109	15	37	0.211
15:00 - 16:00	15	37	0.123	15	37	0.097	15	37	0.220
16:00 - 17:00	15	37	0.129	15	37	0.106	15	37	0.235
17:00 - 18:00	15	37	0.293	15	37	0.132	15	37	0.425
18:00 - 19:00	15	37	0.197	15	37	0.156	15	37	0.353
19:00 - 20:00	**2**	**15**	**0.333**	2	15	0.200	**2**	**15**	**0.533**
20:00 - 21:00	2	15	0.100	2	15	0.033	2	15	0.133
21:00 - 22:00	2	15	0.133	2	15	0.100	2	15	0.233
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.989			1.860			3.849

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:	8 - 86 (units:)
Survey date date range:	01/01/08 - 18/12/14
Number of weekdays (Monday-Friday):	15
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	1
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.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
MULTI-MODAL TAXIS
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	15	37	0.005	15	37	0.005	15	37	0.010
08:00 - 09:00	**15**	**37**	**0.007**	**15**	**37**	**0.007**	**15**	**37**	**0.014**
09:00 - 10:00	15	37	0.005	15	37	0.005	15	37	0.010
10:00 - 11:00	15	37	0.000	15	37	0.000	15	37	0.000
11:00 - 12:00	15	37	0.002	15	37	0.002	15	37	0.004
12:00 - 13:00	15	37	0.002	15	37	0.002	15	37	0.004
13:00 - 14:00	15	37	0.004	15	37	0.004	15	37	0.008
14:00 - 15:00	15	37	0.007	15	37	0.007	15	37	0.014
15:00 - 16:00	15	37	0.000	15	37	0.000	15	37	0.000
16:00 - 17:00	15	37	0.000	15	37	0.002	15	37	0.002
17:00 - 18:00	15	37	0.005	15	37	0.005	15	37	0.010
18:00 - 19:00	15	37	0.007	15	37	0.007	15	37	0.014
19:00 - 20:00	2	15	0.000	2	15	0.000	2	15	0.000
20:00 - 21:00	2	15	0.000	2	15	0.000	2	15	0.000
21:00 - 22:00	2	15	0.000	2	15	0.000	2	15	0.000
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.044			0.046			0.090

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:	8 - 86 (units:)
Survey date date range:	01/01/08 - 18/12/14
Number of weekdays (Monday-Friday):	15
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	1
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.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
MULTI-MODAL OGVS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	15	37	0.002	15	37	0.004	15	37	0.006
08:00 - 09:00	15	37	0.004	15	37	0.004	15	37	0.008
09:00 - 10:00	15	37	0.002	15	37	0.002	15	37	0.004
10:00 - 11:00	15	37	0.002	15	37	0.002	15	37	0.004
11:00 - 12:00	15	37	0.004	15	37	0.004	15	37	0.008
12:00 - 13:00	**15**	**37**	**0.005**	**15**	**37**	**0.005**	**15**	**37**	**0.010**
13:00 - 14:00	15	37	0.002	15	37	0.002	15	37	0.004
14:00 - 15:00	15	37	0.005	15	37	0.002	15	37	0.007
15:00 - 16:00	15	37	0.002	15	37	0.004	15	37	0.006
16:00 - 17:00	15	37	0.002	15	37	0.002	15	37	0.004
17:00 - 18:00	15	37	0.000	15	37	0.000	15	37	0.000
18:00 - 19:00	15	37	0.002	15	37	0.000	15	37	0.002
19:00 - 20:00	2	15	0.000	2	15	0.000	2	15	0.000
20:00 - 21:00	2	15	0.000	2	15	0.000	2	15	0.000
21:00 - 22:00	2	15	0.000	2	15	0.000	2	15	0.000
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.032			0.031			0.063

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:	8 - 86 (units:)
Survey date date range:	01/01/08 - 18/12/14
Number of weekdays (Monday-Friday):	15
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	1
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.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
MULTI-MODAL PSVS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	15	37	0.000	15	37	0.000	15	37	0.000
08:00 - 09:00	15	37	0.000	15	37	0.000	15	37	0.000
09:00 - 10:00	15	37	0.000	15	37	0.000	15	37	0.000
10:00 - 11:00	15	37	0.000	15	37	0.000	15	37	0.000
11:00 - 12:00	15	37	0.000	15	37	0.000	15	37	0.000
12:00 - 13:00	15	37	0.000	15	37	0.000	15	37	0.000
13:00 - 14:00	15	37	0.000	15	37	0.000	15	37	0.000
14:00 - 15:00	15	37	0.000	15	37	0.000	15	37	0.000
15:00 - 16:00	15	37	0.000	15	37	0.000	15	37	0.000
16:00 - 17:00	15	37	0.000	15	37	0.000	15	37	0.000
17:00 - 18:00	**15**	**37**	**0.002**	**15**	**37**	**0.002**	**15**	**37**	**0.004**
18:00 - 19:00	15	37	0.000	15	37	0.000	15	37	0.000
19:00 - 20:00	2	15	0.000	2	15	0.000	2	15	0.000
20:00 - 21:00	2	15	0.000	2	15	0.000	2	15	0.000
21:00 - 22:00	2	15	0.000	2	15	0.000	2	15	0.000
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.002			0.002			0.004

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:	8 - 86 (units:)
Survey date date range:	01/01/08 - 18/12/14
Number of weekdays (Monday-Friday):	15
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	1
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.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL CYCLISTS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	15	37	0.005	15	37	0.009	15	37	0.014
08:00 - 09:00	15	37	0.002	15	37	0.005	15	37	0.007
09:00 - 10:00	15	37	0.004	15	37	0.009	15	37	0.013
10:00 - 11:00	15	37	0.002	15	37	0.004	15	37	0.006
11:00 - 12:00	15	37	0.002	**15**	**37**	**0.011**	15	37	0.013
12:00 - 13:00	15	37	0.007	15	37	0.004	15	37	0.011
13:00 - 14:00	15	37	0.007	15	37	0.011	15	37	0.018
14:00 - 15:00	15	37	0.005	15	37	0.011	15	37	0.016
15:00 - 16:00	15	37	0.007	15	37	0.005	15	37	0.012
16:00 - 17:00	**15**	**37**	**0.016**	15	37	0.009	**15**	**37**	**0.025**
17:00 - 18:00	15	37	0.002	15	37	0.004	15	37	0.006
18:00 - 19:00	15	37	0.007	15	37	0.000	15	37	0.007
19:00 - 20:00	2	15	0.000	2	15	0.000	2	15	0.000
20:00 - 21:00	2	15	0.000	2	15	0.000	2	15	0.000
21:00 - 22:00	2	15	0.000	2	15	0.000	2	15	0.000
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.066			0.082			0.148

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:	8 - 86 (units:)
Survey date date range:	01/01/08 - 18/12/14
Number of weekdays (Monday-Friday):	15
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	1
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.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL VEHICLE OCCUPANTS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	15	37	0.057	15	37	0.172	15	37	0.229
08:00 - 09:00	15	37	0.098	15	37	0.306	15	37	0.404
09:00 - 10:00	15	37	0.106	15	37	0.161	15	37	0.267
10:00 - 11:00	15	37	0.107	15	37	0.134	15	37	0.241
11:00 - 12:00	15	37	0.118	15	37	0.131	15	37	0.249
12:00 - 13:00	15	37	0.138	15	37	0.132	15	37	0.270
13:00 - 14:00	15	37	0.111	15	37	0.118	15	37	0.229
14:00 - 15:00	15	37	0.114	15	37	0.157	15	37	0.271
15:00 - 16:00	15	37	0.184	15	37	0.138	15	37	0.322
16:00 - 17:00	15	37	0.156	15	37	0.156	15	37	0.312
17:00 - 18:00	**15**	**37**	**0.356**	15	37	0.188	15	37	0.544
18:00 - 19:00	15	37	0.243	15	37	0.224	15	37	0.467
19:00 - 20:00	2	15	0.267	**2**	**15**	**0.467**	**2**	**15**	**0.734**
20:00 - 21:00	2	15	0.067	2	15	0.100	2	15	0.167
21:00 - 22:00	2	15	0.267	2	15	0.100	2	15	0.367
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.389			2.684			5.073

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:	8 - 86 (units:)
Survey date date range:	01/01/08 - 18/12/14
Number of weekdays (Monday-Friday):	15
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	1
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.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
MULTI-MODAL PEDESTRIANS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	15	37	0.023	15	37	0.057	15	37	0.080
08:00 - 09:00	15	37	0.021	15	37	0.093	15	37	0.114
09:00 - 10:00	15	37	0.021	15	37	0.045	15	37	0.066
10:00 - 11:00	15	37	0.045	15	37	0.039	15	37	0.084
11:00 - 12:00	15	37	0.052	15	37	0.045	15	37	0.097
12:00 - 13:00	15	37	0.059	15	37	0.057	15	37	0.116
13:00 - 14:00	15	37	0.034	15	37	0.039	15	37	0.073
14:00 - 15:00	15	37	0.027	15	37	0.047	15	37	0.074
15:00 - 16:00	15	37	0.073	15	37	0.048	15	37	0.121
16:00 - 17:00	15	37	0.075	15	37	0.057	15	37	0.132
17:00 - 18:00	**15**	**37**	**0.095**	15	37	0.057	15	37	0.152
18:00 - 19:00	15	37	0.061	15	37	0.050	15	37	0.111
19:00 - 20:00	2	15	0.033	2	15	0.067	2	15	0.100
20:00 - 21:00	2	15	0.067	**2**	**15**	**0.100**	**2**	**15**	**0.167**
21:00 - 22:00	2	15	0.000	2	15	0.000	2	15	0.000
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.686			0.801			1.487

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:	8 - 86 (units:)
Survey date date range:	01/01/08 - 18/12/14
Number of weekdays (Monday-Friday):	15
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	1
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.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL BUS/TRAM PASSENGERS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	15	37	0.004	15	37	0.014	15	37	0.018
08:00 - 09:00	15	37	0.004	**15**	**37**	**0.027**	**15**	**37**	**0.031**
09:00 - 10:00	15	37	0.000	15	37	0.002	15	37	0.002
10:00 - 11:00	15	37	0.002	15	37	0.007	15	37	0.009
11:00 - 12:00	15	37	0.000	15	37	0.002	15	37	0.002
12:00 - 13:00	15	37	0.004	15	37	0.004	15	37	0.008
13:00 - 14:00	15	37	0.004	15	37	0.000	15	37	0.004
14:00 - 15:00	15	37	0.007	15	37	0.002	15	37	0.009
15:00 - 16:00	15	37	0.011	15	37	0.007	15	37	0.018
16:00 - 17:00	15	37	0.007	15	37	0.002	15	37	0.009
17:00 - 18:00	**15**	**37**	**0.016**	15	37	0.000	15	37	0.016
18:00 - 19:00	15	37	0.009	15	37	0.004	15	37	0.013
19:00 - 20:00	2	15	0.000	2	15	0.000	2	15	0.000
20:00 - 21:00	2	15	0.000	2	15	0.000	2	15	0.000
21:00 - 22:00	2	15	0.000	2	15	0.000	2	15	0.000
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.068			0.071			0.139

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:	8 - 86 (units:)
Survey date date range:	01/01/08 - 18/12/14
Number of weekdays (Monday-Friday):	15
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	1
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.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL TOTAL RAIL PASSENGERS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	15	37	0.000	15	37	0.011	15	37	0.011
08:00 - 09:00	15	37	0.002	**15**	**37**	**0.027**	**15**	**37**	**0.029**
09:00 - 10:00	15	37	0.000	15	37	0.002	15	37	0.002
10:00 - 11:00	15	37	0.000	15	37	0.005	15	37	0.005
11:00 - 12:00	15	37	0.000	15	37	0.000	15	37	0.000
12:00 - 13:00	15	37	0.000	15	37	0.000	15	37	0.000
13:00 - 14:00	15	37	0.000	15	37	0.002	15	37	0.002
14:00 - 15:00	15	37	0.000	15	37	0.000	15	37	0.000
15:00 - 16:00	15	37	0.002	15	37	0.000	15	37	0.002
16:00 - 17:00	15	37	0.002	15	37	0.002	15	37	0.004
17:00 - 18:00	15	37	0.005	15	37	0.000	15	37	0.005
18:00 - 19:00	**15**	**37**	**0.027**	15	37	0.000	15	37	0.027
19:00 - 20:00	2	15	0.000	2	15	0.000	2	15	0.000
20:00 - 21:00	2	15	0.000	2	15	0.000	2	15	0.000
21:00 - 22:00	2	15	0.000	2	15	0.000	2	15	0.000
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.038			0.049			0.087

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:	8 - 86 (units:)
Survey date date range:	01/01/08 - 18/12/14
Number of weekdays (Monday-Friday):	15
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	1
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.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
MULTI-MODAL COACH PASSENGERS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	15	37	0.000	15	37	0.000	15	37	0.000
08:00 - 09:00	15	37	0.000	15	37	0.000	15	37	0.000
09:00 - 10:00	15	37	0.000	15	37	0.000	15	37	0.000
10:00 - 11:00	15	37	0.000	15	37	0.000	15	37	0.000
11:00 - 12:00	15	37	0.000	15	37	0.000	15	37	0.000
12:00 - 13:00	15	37	0.000	15	37	0.000	15	37	0.000
13:00 - 14:00	15	37	0.000	15	37	0.000	15	37	0.000
14:00 - 15:00	15	37	0.000	15	37	0.000	15	37	0.000
15:00 - 16:00	15	37	0.000	15	37	0.000	15	37	0.000
16:00 - 17:00	15	37	0.000	15	37	0.000	15	37	0.000
17:00 - 18:00	**15**	**37**	**0.005**	**15**	**37**	**0.002**	**15**	**37**	**0.007**
18:00 - 19:00	15	37	0.000	15	37	0.000	15	37	0.000
19:00 - 20:00	2	15	0.000	2	15	0.000	2	15	0.000
20:00 - 21:00	2	15	0.000	2	15	0.000	2	15	0.000
21:00 - 22:00	2	15	0.000	2	15	0.000	2	15	0.000
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.005			0.002			0.007

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:	8 - 86 (units:)
Survey date date range:	01/01/08 - 18/12/14
Number of weekdays (Monday-Friday):	15
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	1
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.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
MULTI-MODAL PUBLIC TRANSPORT USERS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	15	37	0.004	15	37	0.025	15	37	0.029
08:00 - 09:00	15	37	0.005	**15**	**37**	**0.054**	**15**	**37**	**0.059**
09:00 - 10:00	15	37	0.000	15	37	0.004	15	37	0.004
10:00 - 11:00	15	37	0.002	15	37	0.013	15	37	0.015
11:00 - 12:00	15	37	0.000	15	37	0.002	15	37	0.002
12:00 - 13:00	15	37	0.004	15	37	0.004	15	37	0.008
13:00 - 14:00	15	37	0.004	15	37	0.002	15	37	0.006
14:00 - 15:00	15	37	0.007	15	37	0.002	15	37	0.009
15:00 - 16:00	15	37	0.013	15	37	0.007	15	37	0.020
16:00 - 17:00	15	37	0.009	15	37	0.004	15	37	0.013
17:00 - 18:00	15	37	0.027	15	37	0.002	15	37	0.029
18:00 - 19:00	**15**	**37**	**0.036**	15	37	0.004	15	37	0.040
19:00 - 20:00	2	15	0.000	2	15	0.000	2	15	0.000
20:00 - 21:00	2	15	0.000	2	15	0.000	2	15	0.000
21:00 - 22:00	2	15	0.000	2	15	0.000	2	15	0.000
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.111			0.123			0.234

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:	8 - 86 (units:)
Survey date date range:	01/01/08 - 18/12/14
Number of weekdays (Monday-Friday):	15
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	1
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.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL TOTAL PEOPLE

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	15	37	0.089	15	37	0.263	15	37	0.352
08:00 - 09:00	15	37	0.127	15	37	0.458	15	37	0.585
09:00 - 10:00	15	37	0.131	15	37	0.218	15	37	0.349
10:00 - 11:00	15	37	0.156	15	37	0.190	15	37	0.346
11:00 - 12:00	15	37	0.172	15	37	0.188	15	37	0.360
12:00 - 13:00	15	37	0.208	15	37	0.197	15	37	0.405
13:00 - 14:00	15	37	0.156	15	37	0.170	15	37	0.326
14:00 - 15:00	15	37	0.154	15	37	0.216	15	37	0.370
15:00 - 16:00	15	37	0.277	15	37	0.199	15	37	0.476
16:00 - 17:00	15	37	0.256	15	37	0.225	15	37	0.481
17:00 - 18:00	**15**	**37**	**0.479**	15	37	0.250	15	37	0.729
18:00 - 19:00	15	37	0.347	15	37	0.277	15	37	0.624
19:00 - 20:00	2	15	0.300	**2**	**15**	**0.533**	**2**	**15**	**0.833**
20:00 - 21:00	2	15	0.133	2	15	0.200	2	15	0.333
21:00 - 22:00	2	15	0.267	2	15	0.100	2	15	0.367
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			3.252			3.684			6.936

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

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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.