FI Real Estate Management

Springfield House, Barnsley

A102050

Transport Statement

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Contributor		**Initialled**	
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1. Preamble

1.1.1 This transport statement (TS) has been prepared in support of a permitted development right (PDR) application which proposes residential use of Springfield House, Barnsley, with a maximum of 30 residential dwellings.

1.1.2 At present, the building is designated for B1 use. The building comprises around 42,800 square feet (3,976 m^2) of floor area with 20 car parking spaces.

1.1.3 This TS provides a brief overview of access, non-car accessibility and traffic impacts associated with residential use of the building.

2. Development Proposals

2.1 Proposals

2.1.1 PDR permission is sought for a maximum of 30 residential dwellings within Springfield House, Barnsley. The building currently provides 42,800 sq ft of B1 office space.

2.1.2 The site is located to the west of Barnsley Town Centre on Springfield Street. Vehicular access is provided via two existing priority access junctions off Springfield Street on the southern boundary of the site. These provide direct access to two parking area which accommodates 20 cars.

2.2 Access Arrangements

2.2.1 The development proposals will result in no material intensification of the site access junction usage, and in real terms could result in a reduction in usage in comparison with the existing usage of the site (as evidenced in section 4 of this report).

2.2.2 As such, the existing access arrangements are considered to be entirely appropriate in the context of the proposed use. It fully accords with the requirements of the Government's National Planning Policy Framework (NPPF).

3. Non Car Accessibility

3.1.1 The distance that people are prepared to walk depends on their journey purpose. The Institution of Highways and Transportation (IHT) produced 'Guidelines for Providing for Journeys on Foot' in 2000 which provides 'suggested acceptable walking distances' at Table 3.2. These IHT walking thresholds suggest a range of acceptable distances of between 200m and 2km depending on journey purpose.

3.1.2 As shown, in respect of commuting, schools and sightseeing, the 'preferred maximum' walking distance is quoted as 2km. For other purposes, the 'preferred maximum' walking distance is suggested as being 1.2km and for town centres 800m.

3.1.3 A number of important facilitates and amenities are situated within an 800m walk of the site, these include; Holy Rood Roman Catholic Primary School, Shawlands Primary School, a Lidl supermarket, a Premier Inn hotel, and a range of bars and restaurants within south-west Barnsley. Other important amenities and facilities available within an 800m walk of the site include a GP surgery, nurseries/preschools, convenience stores and Holgate School and Sports College. Also available within a 10 minute walk of the site are Shaw Lane Sports Club, Barnsley Rugby Football and Churchfield Veterinary Centre.

3.1.4 An even wider range of facilities are available within a 1.2km (15 minute walk) of the site. These include employment opportunities at Barnsley Council/Town Hall as well as those present at many small/medium sized businesses located within industrial estates to the north of the site, and the many offices which can be found throughout Barnsley. A large Morrisions supermarket is also located within a 1.2km walk of the site.

3.1.5 A 400m walk distance is generally considered to be a reasonable walk distance between a development and bus stops. This distance is quoted in the 'Institution for Highways and Transportation - Guidelines for the Planning of Public Transport for Development'. There are a total of four bus stops which fall within this walking distance of the site, with the nearest stop to the site situated on Dodworth Road near to its junction with Dean Street approximately 210m from the site. Services from these stops run to destinations including Gilroyd, Millhouse Green and Barnsley Town Centre. These services run at a combined frequency of approximately one service every 10 minutes.

3.1.6 The site is well served by cycle facilities with a local cycle route which links to the National Cycle Routes 67 both located approximately 1.7km from the site. In addition to this the roads in the vicinity of the site are generally flat with low speed limits, and as such the site can be considered to be accessible by bicycle.

3.1.7 The site is located approximately 1.4km from Barnsley Railway Station. Services from this station run to destinations including Sheffield, Leeds, Huddersfield and Nottingham at a combined frequency of approximately one service every 5 minutes.

3.1.8 In view of the above, it is considered that the site is highly sustainably accessible by non-car modes to a range of amenities and facilities in accordance with the requirements of the NPPF.

4. Parking & Traffic Generation

4.1.1 The site currently has a car parking provision of 20 spaces. This provision will not be altered.

4.1.2 In order to establish the vehicular trip generation associated with the existing (employment) use and the residential use, the national industry standard Trip Rate Information Computer System (TRICS) database has been utilised. TRICS uses empirical data from similar developments to produce a trip rate which can be applied to a site with similar characteristics.

4.1.3 A summary of the resultant trip rates and resultant estimation of peak hour employment use traffic are presented in Table 4.1 while the full TRICS output is contained in **Appendix A**.

Table 4.1 – Existing Trip Rate and Traffic Generation (B1 – 3,976m²)

Time Period	Trip Rate (per 100m²)			Vehicles		
	Arrive	Depart	Total	Arrive	Depart	Total
0800–0900	1.456	0.226	1.682	58	9	67
1700–1800	0.138	1.126	1.264	5	45	50
Daily	5.360	5.222	10.582	213	208	421

4.1.4 Table 4.1 shows that the building in its existing use has the potential to generate approximately 67 and 50 off-site vehicle movements in the AM and PM peak hour respectively. This equates to around one vehicle every minute at the site access point during the AM and PM peak hours.

4.1.5 It should be noted that clearly the traffic generation of the development would be limited below this level due to the capacity of the car park. Additional development traffic demands would have to either be accommodated in off-site parking or displaced to sustainable travel modes.

4.1.6 A summary of residential trip rates and resultant peak hour development traffic are presented in Table 4.2 while the full TRICS output is contained in **Appendix B**.

Table 4.2 – Development Trip Rate and Traffic Generation (C3 – 30 Dwellings)

Time Period	Trip Rate (per dwelling)			Vehicles		
	Arrive	Depart	Total	Arrive	Depart	Total
0800–0900	0.047	0.109	0.156	1	3	4
1700–1800	0.139	0.090	0.229	4	3	7
Daily	0.947	0.978	1.925	28	29	57

4.1.7 Table 4.1 shows that the residential use could be expected to generate 4 and 7 off-site vehicle movements in the AM and PM peak hour respectively. This equates to around one vehicle every 15 minutes at the site access point during the AM peak, and 1 vehicle every 9 minutes during the PM peak hour.

4.1.8 It is evident therefore that the development proposals would be highly likely to result in a significant net reduction in vehicular traffic generation, particularly during the AM and PM peak hour periods. That is the case even when the capacity of the car park (20 spaces) is taken as the constraint on peak hour (B1) office traffic arrivals/departures.

4.1.9 In conclusion, the traffic generated by the proposed development is likely to be less than that which would be generated by the extant (office / B1) use. There are therefore no traffic impacts which place the proposals contrary to the associated test of acceptability as defined at Paragraph 32 of the NPPF.

5. Conclusions

5.1.1 This TS provides a brief overview of access, non-car accessibility and traffic impacts associated with residential use of the building.

5.1.2 PDR permission is sought for a maximum of 30 residential dwellings within Springfield House, Barnsley. The building currently provides 42,800 sq ft of B1 office space and 20 parking spaces.

5.1.3 The site is located to the west of Barnsley Town Centre on Springfield Street. Vehicular access is provided via two existing priority access junctions off Springfield Street on the southern boundary of the site. These provide direct access to two parking area which accommodate 20 spaces.

5.1.4 The existing access arrangements would be retained and are considered to be entirely appropriate in the context of the proposed use. It fully accords with the requirements of the Government's National Planning Policy Framework (NPPF).

5.1.5 The site is sustainably accessible by non-car modes to a range of amenities and facilities in accordance with the requirements of the NPPF.

5.1.6 The traffic generated by the proposed development is expected to be less than that which would be generated by the extant (office / B1) use. There are therefore no traffic impacts which place the proposals contrary to the associated test of acceptability as defined at Paragraph 32 of the NPPF.

5.1.7 It has been demonstrated that the development is not likely to result in a material increase or material change in the character of traffic in the vicinity of the site, and therefore the prior approval application complies with the conditions specified in Paragraph W, Class V (Part 3, Schedule 2) of the Town and Country Planning (General Permitted Development) (England) Order.

Appendices

Appendix A – TRICS Output (B1 Use)

Calculation Reference: AUDIT-705118-170508-0534

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
Category : A - OFFICE
VEHICLES

Selected regions and areas:

02	SOUTH EAST		
	BD	BEDFORDSHIRE	1 days
	ES	EAST SUSSEX	1 days
	HF	HERTFORDSHIRE	2 days
	KC	KENT	2 days
	SO	SLOUGH	1 days
03	SOUTH WEST		
	BR	BRISTOL CITY	1 days
04	EAST ANGLIA		
	CA	CAMBRIDGESHIRE	1 days
	NF	NORFOLK	1 days
	SF	SUFFOLK	1 days
06	WEST MIDLANDS		
	WK	WARWICKSHIRE	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE		
	WY	WEST YORKSHIRE	1 days
08	NORTH WEST		
	GM	GREATER MANCHESTER	1 days
09	NORTH		
	TV	TEES VALLEY	1 days

This section displays the number of survey days per TRICS® sub-region in the selected set

Secondary Filtering selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter: Gross floor area
Actual Range: 442 to 8793 (units: sqm)
Range Selected by User: 186 to 10000 (units: sqm)

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/09 to 23/09/16

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	2 days
Wednesday	4 days
Thursday	5 days
Friday	3 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:

Town Centre	7
Edge of Town Centre	8

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

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Secondary Filtering selection:

Use Class:

B1	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:

5,001 to 10,000	3 days
15,001 to 20,000	4 days
25,001 to 50,000	8 days

This data displays the number of selected surveys within stated 1-mile radii of population.

Population within 5 miles:

25,001 to 50,000	1 days
50,001 to 75,000	1 days
75,001 to 100,000	1 days
125,001 to 250,000	8 days
250,001 to 500,000	3 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	5 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	8 days

This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

PTAL Rating:

No PTAL Present	15 days

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

LIST OF SITES relevant to selection parameters

1 BD-02-A-03 OFFICES BEDFORDSHIRE
BROMHAM ROAD

BEDFORD
Edge of Town Centre
No Sub Category
Total Gross floor area: 1469 sqm
Survey date: MONDAY 14/10/13 Survey Type: MANUAL

2 BR-02-A-02 PLANNING & ENGINEERING BRISTOL CITY
ST THOMAS STREET

BRISTOL
Town Centre
Built-Up Zone
Total Gross floor area: 5736 sqm
Survey date: FRIDAY 29/11/13 Survey Type: MANUAL

3 CA-02-A-05 OFFICES CAMBRIDGESHIRE
NEW ROAD

PETERBOROUGH
Town Centre
Built-Up Zone
Total Gross floor area: 8793 sqm
Survey date: TUESDAY 16/12/14 Survey Type: MANUAL

4 ES-02-A-12 COUNCIL OFFICES EAST SUSSEX
VICARAGE LANE

HAILSHAM
Edge of Town Centre
Built-Up Zone
Total Gross floor area: 3640 sqm
Survey date: THURSDAY 26/11/15 Survey Type: MANUAL

5 GM-02-A-07 LAW OFFICES GREATER MANCHESTER
MOSELEY STREET

MANCHESTER
Town Centre
Built-Up Zone
Total Gross floor area: 4200 sqm
Survey date: WEDNESDAY 19/10/11 Survey Type: MANUAL

6 HF-02-A-03 OFFICE HERTFORDSHIRE
60 VICTORIA STREET

ST ALBANS
Edge of Town Centre
Built-Up Zone
Total Gross floor area: 610 sqm
Survey date: WEDNESDAY 16/10/13 Survey Type: MANUAL

7 HF-02-A-04 OFFICES HERTFORDSHIRE
STATION WAY

ST ALBANS
Edge of Town Centre
Residential Zone
Total Gross floor area: 5000 sqm
Survey date: THURSDAY 02/10/14 Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

8 KC-02-A-09 COUNCIL OFFICES KENT
SANDLING ROAD

MAIDSTONE
Edge of Town Centre
Built-Up Zone
Total Gross floor area: 1500 sqm
Survey date: WEDNESDAY 19/10/11 Survey Type: MANUAL

9 KC-02-A-10 COUNCIL OFFICES KENT
SANDLING ROAD

MAIDSTONE
Edge of Town Centre
Built-Up Zone
Total Gross floor area: 2900 sqm
Survey date: WEDNESDAY 19/10/11 Survey Type: MANUAL

10 NF-02-A-01 COUNCIL OFFICE NORFOLK
CHAPEL STREET

KING'S LYNN
Edge of Town Centre
Built-Up Zone
Total Gross floor area: 5500 sqm
Survey date: THURSDAY 30/09/10 Survey Type: MANUAL

11 SF-02-A-02 OFFICES SUFFOLK
BATH STREET

IPSWICH
Edge of Town Centre
Commercial Zone
Total Gross floor area: 6505 sqm
Survey date: FRIDAY 19/07/13 Survey Type: MANUAL

12 SO-02-A-01 COUNCIL OFFICES SLOUGH
HIGH STREET

SLOUGH
Town Centre
High Street
Total Gross floor area: 1800 sqm
Survey date: THURSDAY 27/02/14 Survey Type: MANUAL

13 TV-02-A-04 COUNCIL OFFICES TEES VALLEY
CORPORATION ROAD

MIDDLESBROUGH
Town Centre
Commercial Zone
Total Gross floor area: 3950 sqm
Survey date: TUESDAY 08/10/13 Survey Type: MANUAL

14 WK-02-A-01 OFFICES WARWICKSHIRE
WARWICK ROAD

COVENTRY
Town Centre
Built-Up Zone
Total Gross floor area: 960 sqm
Survey date: THURSDAY 17/10/13 Survey Type: MANUAL

15 WY-02-A-04 INSURANCE COMPANY WEST YORKSHIRE
BRADFORD ROAD

CLECKHEATON
Town Centre
High Street
Total Gross floor area: 442 sqm
Survey date: FRIDAY 23/09/16 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 02 - EMPLOYMENT/A - OFFICE
VEHICLES
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	14	3755	0.523	14	3755	0.072	14	3755	0.595
08:00 - 09:00	15	3534	1.456	15	3534	0.226	15	3534	1.682
09:00 - 10:00	15	3534	0.892	15	3534	0.270	15	3534	1.162
10:00 - 11:00	15	3534	0.483	15	3534	0.402	15	3534	0.885
11:00 - 12:00	15	3534	0.349	15	3534	0.358	15	3534	0.707
12:00 - 13:00	15	3534	0.334	15	3534	0.402	15	3534	0.736
13:00 - 14:00	15	3534	0.409	15	3534	0.381	15	3534	0.790
14:00 - 15:00	15	3534	0.277	15	3534	0.355	15	3534	0.632
15:00 - 16:00	15	3534	0.223	15	3534	0.404	15	3534	0.627
16:00 - 17:00	15	3534	0.228	15	3534	0.924	15	3534	1.152
17:00 - 18:00	15	3534	0.138	15	3534	1.126	15	3534	1.264
18:00 - 19:00	14	3755	0.048	14	3755	0.302	14	3755	0.350
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			5.360			5.222			10.582

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:	442 - 8793 (units: sqm)
Survey date date range:	01/01/09 - 23/09/16
Number of weekdays (Monday-Friday):	15
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	4
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 02 - EMPLOYMENT/A - OFFICE
TAXIS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	14	3755	0.000	14	3755	0.000	14	3755	0.000
08:00 - 09:00	15	3534	0.011	15	3534	0.011	15	3534	0.022
09:00 - 10:00	15	3534	0.011	15	3534	0.011	15	3534	0.022
10:00 - 11:00	15	3534	0.028	15	3534	0.028	15	3534	0.056
11:00 - 12:00	15	3534	0.021	15	3534	0.021	15	3534	0.042
12:00 - 13:00	15	3534	0.015	15	3534	0.015	15	3534	0.030
13:00 - 14:00	15	3534	0.023	15	3534	0.023	15	3534	0.046
14:00 - 15:00	15	3534	0.015	15	3534	0.015	15	3534	0.030
15:00 - 16:00	15	3534	0.000	15	3534	0.000	15	3534	0.000
16:00 - 17:00	15	3534	0.006	15	3534	0.006	15	3534	0.012
17:00 - 18:00	15	3534	0.004	15	3534	0.004	15	3534	0.008
18:00 - 19:00	14	3755	0.000	14	3755	0.000	14	3755	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.134			0.134			0.268

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:	442 - 8793 (units: sqm)
Survey date date range:	01/01/09 - 23/09/16
Number of weekdays (Monday-Friday):	15
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	4
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 02 - EMPLOYMENT/A - OFFICE
OGVS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	14	3755	0.002	14	3755	0.000	14	3755	0.002
08:00 - 09:00	15	3534	0.004	15	3534	0.006	15	3534	0.010
09:00 - 10:00	15	3534	0.004	15	3534	0.004	15	3534	0.008
10:00 - 11:00	15	3534	0.006	15	3534	0.006	15	3534	0.012
11:00 - 12:00	15	3534	0.000	15	3534	0.000	15	3534	0.000
12:00 - 13:00	15	3534	0.000	15	3534	0.000	15	3534	0.000
13:00 - 14:00	15	3534	0.000	15	3534	0.000	15	3534	0.000
14:00 - 15:00	15	3534	0.002	15	3534	0.002	15	3534	0.004
15:00 - 16:00	15	3534	0.006	15	3534	0.004	15	3534	0.010
16:00 - 17:00	15	3534	0.000	15	3534	0.002	15	3534	0.002
17:00 - 18:00	15	3534	0.004	15	3534	0.004	15	3534	0.008
18:00 - 19:00	14	3755	0.000	14	3755	0.000	14	3755	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.028			0.028			0.056

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:	442 - 8793 (units: sqm)
Survey date date range:	01/01/09 - 23/09/16
Number of weekdays (Monday-Friday):	15
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	4
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 02 - EMPLOYMENT/A - OFFICE
PSVS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	14	3755	0.000	14	3755	0.000	14	3755	0.000
08:00 - 09:00	15	3534	0.000	15	3534	0.000	15	3534	0.000
09:00 - 10:00	15	3534	0.000	15	3534	0.000	15	3534	0.000
10:00 - 11:00	15	3534	0.000	15	3534	0.000	15	3534	0.000
11:00 - 12:00	15	3534	0.000	15	3534	0.000	15	3534	0.000
12:00 - 13:00	15	3534	0.000	15	3534	0.000	15	3534	0.000
13:00 - 14:00	15	3534	0.000	15	3534	0.000	15	3534	0.000
14:00 - 15:00	15	3534	0.000	15	3534	0.000	15	3534	0.000
15:00 - 16:00	15	3534	0.000	15	3534	0.000	15	3534	0.000
16:00 - 17:00	15	3534	0.000	15	3534	0.000	15	3534	0.000
17:00 - 18:00	15	3534	0.000	15	3534	0.000	15	3534	0.000
18:00 - 19:00	14	3755	0.000	14	3755	0.000	14	3755	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:	442 - 8793 (units: sqm)
Survey date date range:	01/01/09 - 23/09/16
Number of weekdays (Monday-Friday):	15
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	4
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 02 - EMPLOYMENT/A - OFFICE
CYCLISTS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	14	3755	0.019	14	3755	0.000	14	3755	0.019
08:00 - 09:00	15	3534	0.108	15	3534	0.002	15	3534	0.110
09:00 - 10:00	15	3534	0.042	15	3534	0.002	15	3534	0.044
10:00 - 11:00	15	3534	0.026	15	3534	0.017	15	3534	0.043
11:00 - 12:00	15	3534	0.013	15	3534	0.017	15	3534	0.030
12:00 - 13:00	15	3534	0.019	15	3534	0.023	15	3534	0.042
13:00 - 14:00	15	3534	0.013	15	3534	0.011	15	3534	0.024
14:00 - 15:00	15	3534	0.004	15	3534	0.011	15	3534	0.015
15:00 - 16:00	15	3534	0.009	15	3534	0.017	15	3534	0.026
16:00 - 17:00	15	3534	0.009	15	3534	0.036	15	3534	0.045
17:00 - 18:00	15	3534	0.004	15	3534	0.094	15	3534	0.098
18:00 - 19:00	14	3755	0.004	14	3755	0.029	14	3755	0.033
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.270			0.259			0.529

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:	442 - 8793 (units: sqm)
Survey date date range:	01/01/09 - 23/09/16
Number of weekdays (Monday-Friday):	15
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	4
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.

Appendix B – TRICS OUTPUT (C3 Use)

Calculation Reference: AUDIT-705118-170504-0513

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	SOUTH EAST		
	EX	ESSEX	2 days
04	EAST ANGLIA		
	NF	NORFOLK	1 days
	SF	SUFFOLK	1 days
08	NORTH WEST		
	GM	GREATER MANCHESTER	2 days
09	NORTH		
	CB	CUMBRIA	1 days
10	WALES		
	FS	FLINTSHIRE	1 days
11	SCOTLAND		
	HI	HIGHLAND	1 days
	SA	SOUTH AYRSHIRE	1 days
	SR	STIRLING	2 days

This section displays the number of survey days per TRICS® sub-region in the selected set

Secondary 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: Number of dwellings
Actual Range: 6 to 154 (units:)
Range Selected by User: 6 to 215 (units:)

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/09 to 26/05/15

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:

Monday	1 days
Tuesday	3 days
Wednesday	3 days
Thursday	4 days
Friday	1 days

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

Selected survey types:

Manual count	12 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:

Town Centre	4
Edge of Town Centre	8

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	5
Built-Up Zone	6

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Secondary Filtering selection:

Use Class:

C3	12 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:

10,001 to 15,000	4 days
15,001 to 20,000	2 days
25,001 to 50,000	6 days

This data displays the number of selected surveys within stated 1-mile radii of population.

Population within 5 miles:

50,001 to 75,000	4 days
75,001 to 100,000	4 days
125,001 to 250,000	2 days
500,001 or More	2 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	9 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	12 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	12 days

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

LIST OF SITES relevant to selection parameters

1 CB-03-C-01 BLOCK OF FLATS CUMBRIA
KING STREET

CARLISLE
Town Centre
Built-Up Zone
Total Number of dwellings: 40
Survey date: THURSDAY 12/06/14 Survey Type: MANUAL

2 EX-03-C-01 FLATS ESSEX
WESTCLIFF PARADE
WESTCLIFF
SOUTHEND-ON-SEA
Edge of Town Centre
Residential Zone
Total Number of dwellings: 6
Survey date: TUESDAY 22/10/13 Survey Type: MANUAL

3 EX-03-C-02 BLOCK OF FLATS ESSEX
WESTCLIFF PARADE
WESTCLIFF
SOUTHEND-ON-SEA
Edge of Town Centre
Residential Zone
Total Number of dwellings: 94
Survey date: TUESDAY 22/10/13 Survey Type: MANUAL

4 FS-03-C-01 BLOCK OF FLATS FLINTSHIRE
WREXHAM STREET

MOLD
Edge of Town Centre
Built-Up Zone
Total Number of dwellings: 30
Survey date: MONDAY 06/07/09 Survey Type: MANUAL

5 GM-03-C-02 BLOCK OF FLATS GREATER MANCHESTER
WHITWORTH STREET W.

MANCHESTER
Town Centre
Built-Up Zone
Total Number of dwellings: 154
Survey date: THURSDAY 13/10/11 Survey Type: MANUAL

6 GM-03-C-03 BLOCK OF FLATS GREATER MANCHESTER
FAIRFIELD STREET

MANCHESTER
Town Centre
Built-Up Zone
Total Number of dwellings: 20
Survey date: FRIDAY 14/10/11 Survey Type: MANUAL

7 HI-03-C-01 FLATS HIGHLAND
SHORE STREET

INVERNESS
Town Centre
Residential Zone
Total Number of dwellings: 38
Survey date: WEDNESDAY 20/05/09 Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

8	NF-03-C-01	BLOCKS OF FLATS		NORFOLK
	PAGE STAIR LANE			
	KING'S LYNN			
	Edge of Town Centre			
	Built-Up Zone			
	Total Number of dwellings:		51	
	Survey date: THURSDAY		11/12/14	Survey Type: MANUAL
9	SA-03-C-01	BLOCK OF FLATS		SOUTH AYRSHIRE
	RACECOURSE ROAD			
	AYR			
	Edge of Town Centre			
	Residential Zone			
	Total Number of dwellings:		51	
	Survey date: TUESDAY		16/09/14	Survey Type: MANUAL
10	SF-03-C-01	BLOCKS OF FLATS		SUFFOLK
	STATION HILL			
	BURY ST EDMUNDS			
	Edge of Town Centre			
	Built-Up Zone			
	Total Number of dwellings:		85	
	Survey date: THURSDAY		18/12/14	Survey Type: MANUAL
11	SR-03-C-01	FLATS		STIRLING
	FORTHSIDE WAY			
	STIRLING			
	Edge of Town Centre			
	No Sub Category			
	Total Number of dwellings:		80	
	Survey date: WEDNESDAY		18/06/14	Survey Type: MANUAL
12	SR-03-C-02	FLATS		STIRLING
	ROSEBERRY TERRACE			
	STIRLING			
	Edge of Town Centre			
	Residential Zone			
	Total Number of dwellings:		48	
	Survey date: WEDNESDAY		18/06/14	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
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	12	58	0.033	12	58	0.077	12	58	0.110
08:00 - 09:00	12	58	0.047	12	58	0.109	12	58	0.156
09:00 - 10:00	12	58	0.050	12	58	0.073	12	58	0.123
10:00 - 11:00	12	58	0.075	12	58	0.088	12	58	0.163
11:00 - 12:00	12	58	0.072	12	58	0.080	12	58	0.152
12:00 - 13:00	12	58	0.100	12	58	0.066	12	58	0.166
13:00 - 14:00	12	58	0.079	12	58	0.103	12	58	0.182
14:00 - 15:00	12	58	0.080	12	58	0.092	12	58	0.172
15:00 - 16:00	12	58	0.070	12	58	0.055	12	58	0.125
16:00 - 17:00	12	58	0.102	12	58	0.073	12	58	0.175
17:00 - 18:00	12	58	0.139	12	58	0.090	12	58	0.229
18:00 - 19:00	12	58	0.100	12	58	0.072	12	58	0.172
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.947			0.978			1.925

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:	6 - 154 (units:)
Survey date date range:	01/01/09 - 26/05/15
Number of weekdays (Monday-Friday):	12
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.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
TAXIS
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	12	58	0.003	12	58	0.003	12	58	0.006
08:00 - 09:00	12	58	0.000	12	58	0.001	12	58	0.001
09:00 - 10:00	12	58	0.000	12	58	0.000	12	58	0.000
10:00 - 11:00	12	58	0.003	12	58	0.003	12	58	0.006
11:00 - 12:00	12	58	0.004	12	58	0.004	12	58	0.008
12:00 - 13:00	12	58	0.003	12	58	0.003	12	58	0.006
13:00 - 14:00	12	58	0.006	12	58	0.006	12	58	0.012
14:00 - 15:00	12	58	0.001	12	58	0.001	12	58	0.002
15:00 - 16:00	12	58	0.003	12	58	0.001	12	58	0.004
16:00 - 17:00	12	58	0.006	12	58	0.006	12	58	0.012
17:00 - 18:00	12	58	0.006	12	58	0.003	12	58	0.009
18:00 - 19:00	12	58	0.003	12	58	0.004	12	58	0.007
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.038			0.035			0.073

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:	6 - 154 (units:)
Survey date date range:	01/01/09 - 26/05/15
Number of weekdays (Monday-Friday):	12
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.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
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	12	58	0.000	12	58	0.000	12	58	0.000
08:00 - 09:00	12	58	0.001	12	58	0.000	12	58	0.001
09:00 - 10:00	12	58	0.003	12	58	0.004	12	58	0.007
10:00 - 11:00	12	58	0.000	12	58	0.000	12	58	0.000
11:00 - 12:00	12	58	0.000	12	58	0.000	12	58	0.000
12:00 - 13:00	12	58	0.001	12	58	0.001	12	58	0.002
13:00 - 14:00	12	58	0.001	12	58	0.001	12	58	0.002
14:00 - 15:00	12	58	0.001	12	58	0.001	12	58	0.002
15:00 - 16:00	12	58	0.000	12	58	0.000	12	58	0.000
16:00 - 17:00	12	58	0.000	12	58	0.000	12	58	0.000
17:00 - 18:00	12	58	0.000	12	58	0.000	12	58	0.000
18:00 - 19:00	12	58	0.000	12	58	0.000	12	58	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.007			0.007			0.014

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:	6 - 154 (units:)
Survey date date range:	01/01/09 - 26/05/15
Number of weekdays (Monday-Friday):	12
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.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
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	12	58	0.000	12	58	0.000	12	58	0.000
08:00 - 09:00	12	58	0.000	12	58	0.000	12	58	0.000
09:00 - 10:00	12	58	0.000	12	58	0.000	12	58	0.000
10:00 - 11:00	12	58	0.001	12	58	0.001	12	58	0.002
11:00 - 12:00	12	58	0.001	12	58	0.001	12	58	0.002
12:00 - 13:00	12	58	0.000	12	58	0.000	12	58	0.000
13:00 - 14:00	12	58	0.000	12	58	0.000	12	58	0.000
14:00 - 15:00	12	58	0.000	12	58	0.000	12	58	0.000
15:00 - 16:00	12	58	0.001	12	58	0.000	12	58	0.001
16:00 - 17:00	12	58	0.000	12	58	0.001	12	58	0.001
17:00 - 18:00	12	58	0.000	12	58	0.000	12	58	0.000
18:00 - 19:00	12	58	0.000	12	58	0.000	12	58	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.003			0.003			0.006

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:	6 - 154 (units:)
Survey date date range:	01/01/09 - 26/05/15
Number of weekdays (Monday-Friday):	12
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.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
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	12	58	0.003	12	58	0.010	12	58	0.013
08:00 - 09:00	12	58	0.001	12	58	0.004	12	58	0.005
09:00 - 10:00	12	58	0.003	12	58	0.004	12	58	0.007
10:00 - 11:00	12	58	0.000	12	58	0.004	12	58	0.004
11:00 - 12:00	12	58	0.006	12	58	0.003	12	58	0.009
12:00 - 13:00	12	58	0.003	12	58	0.010	12	58	0.013
13:00 - 14:00	12	58	0.001	12	58	0.003	12	58	0.004
14:00 - 15:00	12	58	0.001	12	58	0.001	12	58	0.002
15:00 - 16:00	12	58	0.004	12	58	0.003	12	58	0.007
16:00 - 17:00	12	58	0.000	12	58	0.001	12	58	0.001
17:00 - 18:00	12	58	0.019	12	58	0.001	12	58	0.020
18:00 - 19:00	12	58	0.009	12	58	0.001	12	58	0.010
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.050			0.045			0.095

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:	6 - 154 (units:)
Survey date date range:	01/01/09 - 26/05/15
Number of weekdays (Monday-Friday):	12
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.