

Littlehampton & Rustington Housing Society Site, Rustington

Replacement Village Hall Parking Assessment

Client:	Littlehampton & Rustington Housing Society Ltd		
Date:	22 July 2021	Job No:	J325681
Prepared by:	MF	Approved by:	LF

1. Introduction

- 1.1.1 mode transport planning has been instructed by the Littlehampton & Rustington Housing Society to prepare this Technical Note assessing the parking requirements associated with the provision of a replacement village hall and office accommodation at the Rustington Hall site in Rustington.
- 1.1.2 Access into the site is via the B2140 Station Road, with the access shared with Rustington Hall Nursing and Care Home. The wider site is also accessed via Oakhurst Gardens, which itself is accessed from the B2140 Station Road via Hurst Road.

2. Development Quantum

- 2.1.1 The site is currently occupied by a village hall with ancillary office space in a separate building to the north of the hall. The existing hall has a usable area of approximately 101 square metres, excluding the kitchen and storage space.
- 2.1.2 The development proposes the redevelopment of the hall to provide a space more suitable for community use, resulting in a slight uplift in floorspace to 144 square metres.
- 2.1.3 The development also proposes an element of office floorspace to consolidate and improve upon the existing offer. The development proposes 211 square metres of office floorspace at first floor level and in the building to the rear of the community centre.

3. Parking Provision

3.1 Existing Parking Provision

- 3.1.1 The overall site currently benefits from 77 car parking spaces, with 27 of these accessed from Station Road and the remainder accessed from Oakhurst Gardens.
- 3.1.2 These car parking spaces are provided for staff, residents and visitors of Rustington Hall Nursing and Care Home.
- 3.1.3 Of the 27 car parking spaces, 10 are provided in front of an undeveloped parcel of land to the southeast of the hall site.

3.2 Applicable Parking Standards

- 3.2.1 The adopted parking standards within Arun district are the West Sussex County Council (WSCC) parking standards, as stated in Policy T SP1 within the Arun Local Plan 2011 – 2031 adopted in July 2018.
- 3.2.2 The 'Guidance on Parking at New Developments (September 2020)' document provides the latest WSCC parking standards. The relevant parking standards for an office and village hall development are summarised in Table 3.1.

Table 3.1 Applicable Parking Standards

Use Class	Vehicular Parking Standards	Cycle Parking Standards
E – Commercial, Business and Service (office, research and development and light industrial process)	1 space per 30 sqm	1 space per 150 sqm for staff and 1 space per 500 sqm for visitors
F.2 Shop no larger than 280 sqm (selling mostly essential goods and at least 1km from another similar shop); community hall; outdoor sport/recreation area; indoor or outdoor swimming pool; skating rink	1 space per 14 sqm	1 space per 100 sqm for staff and 1 space per 100 sqm for customers

3.3 Proposed Parking Provision

Car Parking Provision

- 3.3.1 Based on the parking standards at Table 3.1, the proposed office development would be subject to a parking provision of 7 car parking spaces. The community hall would be subject to a provision of 10 parking spaces.

3.3.2 The development proposes a 25 space parking area on a currently undeveloped section of the site, as demonstrated on the parking arrangement drawing at Appendix A. The undeveloped area is currently fronted by car parking spaces, therefore to access this car parking area of 10 car parking spaces are to be removed and re-provided as part of the expanded parking area. Swept path analysis of the proposed parking arrangements is included at Appendix B.

3.3.3 Based on the above, the development proposals would result in an additional 15 car parking spaces to be provided on the site, within the above standards based on the development quantum.

Electric Vehicle Charging Provision

3.3.4 Parking standards for electric vehicle charging points are also included in the WSCC 'Guidance on Parking at New Developments (September 2020)' document. In relation to electric vehicle charging, Principle B states that:

- *"'active' charging points for electric vehicles should be provided at a minimum of 20% of all parking spaces with ducting provided at all remaining spaces where appropriate to provide 'passive' provision for these spaces to be upgraded in future."*

3.3.5 the WSCC parking guidance states:

- *"in designing provision for EV charging infrastructure at non-residential developments, there is a need to take account of likely parking behaviour (e.g. expected duration of stays) which could affect the number of 'active' spaces."*

3.3.6 The development proposes to include five dual charging points, providing charging for 10 spaces, equivalent to 40% of the new car park layout. Given the likely duration of stay for the community centre, it is considered that the charging points would give minimal benefit to users, though 10 spaces are provided to accommodate the office development parking standard and to improve the situation for existing residents.

3.3.7 In addition, it is likely that the peak periods of community centre operation would differ from the peak office demands, therefore the electric charging points can be shared for both uses. As such, it is proposed to only provide the 10 active charging spaces in this location and not to include the passive provision through the remainder of the car park. This has the added benefit of increasing the number of spaces that can be accommodated within the new parking area, helping to replace those spaces displaced due to the new parking layout.

Cycle Parking Provision

- 3.3.8 Based on the parking standards at [Table 3.1](#), the proposed office development would be subject to a cycle parking provision of one space for staff and not meeting the quantum for visitor parking. The community hall would be subject to a cycle parking provision of one space for staff and one space for visitors. Based on the above, the development would be required to provide three cycle parking spaces to accord with planning policy.
- 3.3.9 The development proposes cycle parking within the expanded car parking area, as indicated on the parking arrangement drawing at [Appendix A](#). This provides eight Sheffield stands, providing 16 cycle parking spaces in excess of the policy requirements.

4. Parking Accumulation

- 4.1.1 To assess the potential parking demand associated with the expanded community hall and office development, the TRICS database has been interrogated. The TRICS categories '02 Employment: A – Office' and '07 Leisure: Q – Community Centre' have been used for sites located within England, excluding Greater London. For both uses a 500 square metre floorspace threshold has been utilised. The TRICS outputs are included for reference at [Appendix C](#).
- 4.1.2 The arrival and departure profile for the proposed office and community centre uses are provided in [Table 4.1](#), alongside the cumulative parking accumulation. This is based on the 211 square metre office development and 144 square metre community centre use.

Table 4.1 Office and Community Centre Vehicular Trip Profile and Parking Accumulation

Time Period	Office Arrivals	Community Centre Arrivals	Office Departures	Community Centre Departures	Parking Accumulation
07:00 – 08:00	2	0	0	0	2
08:00 – 09:00	3	2	1	1	10
09:00 – 10:00	7	2	4	1	14
10:00 – 11:00	2	1	2	1	14
11:00 – 12:00	2	1	2	2	13
12:00 – 13:00	2	2	4	1	12
13:00 – 14:00	2	1	2	1	12
14:00 – 15:00	2	0	3	0	11
15:00 – 16:00	1	2	1	4	9
16:00 – 17:00	2	0	5	1	5
17:00 – 18:00	0	1	6	0	0
18:00 – 19:00	1	3	2	2	0
19:00 – 20:00	0	7	0	1	6
20:00 – 21:00	0	1	0	1	6
21:00 – 22:00	0	0	0	5	1

4.1.3 Table 4.1 indicates that the peak parking demand generated by the development would be 14 parking spaces. In addition to the existing 10 parking spaces which are provided within the updated car parking layout, it is considered that the proposed 25 space car park would meet the demands of the development whilst providing flexibility should additional parking demand be generated by an event at the community centre.

4.1.4 As such, it is considered that the proposed 25 space car park would accommodate the parking demands of the development whilst avoiding overspill parking on the local highway network.

5. Summary

5.1.1 mode transport planning has been instructed by the Littlehampton & Rustington Housing Society to prepare this Technical Note assessing the parking requirements associated with the provision of a replacement village hall and office accommodation at the Rustington Hall site in Rustington.

5.1.2 The development proposes a slightly enlarged 144 square metre community centre and 211 square metres of office floorspace.

- 5.1.3 The development proposes 25 car parking spaces to accompany the proposal, 10 of which are re-provided to accommodate the proposed parking area.
- 5.1.4 A parking accumulation assessment has been undertaken to identify that the proposed parking provision should be capable of meeting the parking demands generated by the development. The peak parking demand is 14 spaces, which when allowing for the 10 re-provided spaces would provide one parking space unoccupied. It is therefore considered that the development has been designed with an element of flexibility should an event occur at the community centre requiring additional parking.
- 5.1.5 In view of the above, it is considered that the proposed development and parking provision is considered to result in a minimal impact on the local highway network and there are considered to be no severe impacts arising from the scheme.

APPENDICES

APPENDIX A

Parking Arrangement Plan



This drawing has been produced by mode transport planning
No responsibility will be accepted for the use of this drawing in any other project.

drawing title Proposed Car Park Layout	client Littlehampton and Rustington Housing Society	mode transport planning 9 Greyfriars Road Reading RG1 1NU		scale 1:250 @ A3	B A	MF MF	LF LF	07/07/21 17/05/21	Updated site layout Added cycle parking		
	job title Oakhurst Gardens, Rustington	t 0118 206 2945 e info@modetransport.co.uk w www.modetransport.co.uk		drawn MF							
				checked LF	rev by by					date	remarks
				created Mar 21	drawing no. J32-5681-001						

APPENDIX B

Swept Path Analysis

This drawing has been produced by mode transport planning.
No responsibility will be accepted for the use of this drawing in any other project.

Skoda Octavia

Entry Manoeuvre

Exit Manoeuvre

Skoda Octavia

Skoda Octavia

0 2 4 6 8 10 metres

Skoda Octavia	
Overall Length	4.572m
Overall Width	1.769m
Overall Body Height	1.488m
Min Body Ground Clearance	0.249m
Max Track Width	1.735m
Lock to Lock time	4.80s
Kerb to Kerb Turning Radius	5.00m

Model	Octavia
Overall Length	4572mm
Overall Width	1756mm
Overall Body Height	1488mm
Min Body Ground Clearance	0.148m
Max Track Width	1738mm
Lock to lock time	400s
Kerb to Kerb Turning Radius	3.600m

0 2 4 6 8 10

metres

Exit Manoeuvre

client	Littlehampton and Rustington Housing Society
job title	Oakhurst Gardens, Rustington

scale	1:200 @ A3				
drawn	MF	-	-	-	-
checked	LF	rev	chk	date	remarks
created	Jul 21	drawing no. J32-5681-004			

APPENDIX C

TRICS Outputs

Calculation Reference: AUDIT-754101-210702-0748

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT

Category : A - OFFICE

MULTI-MODAL TOTAL VEHICLESSelected regions and areas:

02	SOUTH EAST	
	ES EAST SUSSEX	2 days
04	EAST ANGLIA	
	NF NORFOLK	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	1 days

*This section displays the number of survey days per TRICS® sub-region in the selected set***Primary Filtering selection:***This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.*

Parameter: Gross floor area
 Actual Range: 178 to 500 (units: sqm)
 Range Selected by User: 178 to 500 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/13 to 13/11/19

*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	2 days
Thursday	1 days

*This data displays the number of selected surveys by day of the week.*Selected survey types:

Manual count	4 days
Directional ATC Count	0 days

*This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaken using machines.*Selected Locations:

Edge of Town Centre	2
Suburban Area (PPS6 Out of Centre)	1
Edge of Town	1

*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:

Commercial Zone	1
Residential Zone	2
Built-Up 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.***Secondary Filtering selection:**Use Class:

Not Known 4 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®.

Secondary Filtering selection (Cont.):

Population within 500m Range:

All Surveys Included

Population within 1 mile:

15,001 to 20,000	1 days
25,001 to 50,000	3 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	1 days
100,001 to 125,000	1 days
125,001 to 250,000	1 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	3 days
1.1 to 1.5	1 days

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Travel Plan:

Yes	1 days
No	3 days

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

PTAL Rating:

No PTAL Present	4 days
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This data displays the number of selected surveys with PTAL Ratings.

LIST OF SITES relevant to selection parameters

1	ES-02-A-11	HOUSING COMPANY	EAST SUSSEX
	THE SIDINGS		
	HASTINGS		
	ORE VALLEY		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Gross floor area:	186 sqm	
	Survey date: TUESDAY	17/11/15	Survey Type: MANUAL
2	ES-02-A-13	OFFICES	EAST SUSSEX
	ROMAN ROAD		
	HOVE		
	Edge of Town Centre		
	Residential Zone		
	Total Gross floor area:	280 sqm	
	Survey date: WEDNESDAY	04/07/18	Survey Type: MANUAL
3	NF-02-A-04	BUILDING CONSULTANT	NORFOLK
	WHITING ROAD		
	NORWICH		
	Edge of Town		
	Commercial Zone		
	Total Gross floor area:	500 sqm	
	Survey date: WEDNESDAY	13/11/19	Survey Type: MANUAL
4	NY-02-A-01	SOLICITORS	NORTH YORKSHIRE
	NORTH PARK ROAD		
	HARROGATE		
	Edge of Town Centre		
	Built-Up Zone		
	Total Gross floor area:	178 sqm	
	Survey date: THURSDAY	04/10/18	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.

Office Trip Rates

mode transport limited Lombard House, 145 Great Charles Street Birmingham, B3 3LP

Licence No: 754101

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE

MULTI-MODAL TOTAL 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 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	3	322	0.000	3	322	0.000	3	322	0.000
07:30 - 08:00	3	322	0.932	3	322	0.000	3	322	0.932
08:00 - 08:30	4	286	1.486	4	286	0.000	4	286	1.486
08:30 - 09:00	4	286	2.273	4	286	0.350	4	286	2.623
09:00 - 09:30	4	286	2.185	4	286	1.224	4	286	3.409
09:30 - 10:00	4	286	0.962	4	286	0.787	4	286	1.749
10:00 - 10:30	4	286	0.612	4	286	0.437	4	286	1.049
10:30 - 11:00	4	286	0.524	4	286	0.612	4	286	1.136
11:00 - 11:30	4	286	0.175	4	286	0.262	4	286	0.437
11:30 - 12:00	4	286	0.699	4	286	0.699	4	286	1.398
12:00 - 12:30	4	286	0.524	4	286	0.874	4	286	1.398
12:30 - 13:00	4	286	0.524	4	286	0.787	4	286	1.311
13:00 - 13:30	4	286	0.350	4	286	0.437	4	286	0.787
13:30 - 14:00	4	286	0.612	4	286	0.437	4	286	1.049
14:00 - 14:30	4	286	0.437	4	286	0.612	4	286	1.049
14:30 - 15:00	4	286	0.612	4	286	0.612	4	286	1.224
15:00 - 15:30	4	286	0.437	4	286	0.437	4	286	0.874
15:30 - 16:00	4	286	0.175	4	286	0.262	4	286	0.437
16:00 - 16:30	4	286	0.437	4	286	0.962	4	286	1.399
16:30 - 17:00	4	286	0.350	4	286	1.224	4	286	1.574
17:00 - 17:30	4	286	0.175	4	286	1.836	4	286	2.011
17:30 - 18:00	4	286	0.000	4	286	1.224	4	286	1.224
18:00 - 18:30	3	322	0.311	3	322	0.725	3	322	1.036
18:30 - 19:00	3	322	0.000	3	322	0.000	3	322	0.000
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			14.792			14.800			29.592

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.

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Parameter summary

Trip rate parameter range selected:	178 - 500 (units: sqm)
Survey date date range:	01/01/13 - 13/11/19
Number of weekdays (Monday-Friday):	4
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.

Office Trip Rates

mode transport limited Lombard House, 145 Great Charles Street Birmingham, B3 3LP

Licence No: 754101

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE

MULTI-MODAL 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 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	3	322	0.000	3	322	0.000	3	322	0.000
07:30 - 08:00	3	322	0.000	3	322	0.000	3	322	0.000
08:00 - 08:30	4	286	0.000	4	286	0.000	4	286	0.000
08:30 - 09:00	4	286	0.000	4	286	0.000	4	286	0.000
09:00 - 09:30	4	286	0.000	4	286	0.000	4	286	0.000
09:30 - 10:00	4	286	0.000	4	286	0.000	4	286	0.000
10:00 - 10:30	4	286	0.000	4	286	0.000	4	286	0.000
10:30 - 11:00	4	286	0.000	4	286	0.000	4	286	0.000
11:00 - 11:30	4	286	0.000	4	286	0.000	4	286	0.000
11:30 - 12:00	4	286	0.000	4	286	0.000	4	286	0.000
12:00 - 12:30	4	286	0.000	4	286	0.000	4	286	0.000
12:30 - 13:00	4	286	0.000	4	286	0.000	4	286	0.000
13:00 - 13:30	4	286	0.000	4	286	0.000	4	286	0.000
13:30 - 14:00	4	286	0.000	4	286	0.000	4	286	0.000
14:00 - 14:30	4	286	0.000	4	286	0.000	4	286	0.000
14:30 - 15:00	4	286	0.000	4	286	0.000	4	286	0.000
15:00 - 15:30	4	286	0.000	4	286	0.000	4	286	0.000
15:30 - 16:00	4	286	0.000	4	286	0.000	4	286	0.000
16:00 - 16:30	4	286	0.087	4	286	0.087	4	286	0.174
16:30 - 17:00	4	286	0.000	4	286	0.000	4	286	0.000
17:00 - 17:30	4	286	0.000	4	286	0.000	4	286	0.000
17:30 - 18:00	4	286	0.000	4	286	0.000	4	286	0.000
18:00 - 18:30	3	322	0.104	3	322	0.104	3	322	0.208
18:30 - 19:00	3	322	0.000	3	322	0.000	3	322	0.000
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.191			0.191			0.382

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.

Office Trip Rates

mode transport limited Lombard House, 145 Great Charles Street Birmingham, B3 3LP

Licence No: 754101

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE

MULTI-MODAL 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 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	3	322	0.000	3	322	0.000	3	322	0.000
07:30 - 08:00	3	322	0.000	3	322	0.000	3	322	0.000
08:00 - 08:30	4	286	0.000	4	286	0.000	4	286	0.000
08:30 - 09:00	4	286	0.000	4	286	0.000	4	286	0.000
09:00 - 09:30	4	286	0.000	4	286	0.000	4	286	0.000
09:30 - 10:00	4	286	0.000	4	286	0.000	4	286	0.000
10:00 - 10:30	4	286	0.000	4	286	0.000	4	286	0.000
10:30 - 11:00	4	286	0.000	4	286	0.000	4	286	0.000
11:00 - 11:30	4	286	0.000	4	286	0.000	4	286	0.000
11:30 - 12:00	4	286	0.087	4	286	0.087	4	286	0.174
12:00 - 12:30	4	286	0.087	4	286	0.087	4	286	0.174
12:30 - 13:00	4	286	0.087	4	286	0.087	4	286	0.174
13:00 - 13:30	4	286	0.000	4	286	0.000	4	286	0.000
13:30 - 14:00	4	286	0.000	4	286	0.000	4	286	0.000
14:00 - 14:30	4	286	0.000	4	286	0.000	4	286	0.000
14:30 - 15:00	4	286	0.000	4	286	0.000	4	286	0.000
15:00 - 15:30	4	286	0.000	4	286	0.000	4	286	0.000
15:30 - 16:00	4	286	0.000	4	286	0.000	4	286	0.000
16:00 - 16:30	4	286	0.000	4	286	0.000	4	286	0.000
16:30 - 17:00	4	286	0.000	4	286	0.000	4	286	0.000
17:00 - 17:30	4	286	0.000	4	286	0.000	4	286	0.000
17:30 - 18:00	4	286	0.000	4	286	0.000	4	286	0.000
18:00 - 18:30	3	322	0.000	3	322	0.000	3	322	0.000
18:30 - 19:00	3	322	0.000	3	322	0.000	3	322	0.000
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.261			0.261			0.522

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.

Office Trip Rates

mode transport limited Lombard House, 145 Great Charles Street Birmingham, B3 3LP

Licence No: 754101

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE

MULTI-MODAL 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 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	3	322	0.000	3	322	0.000	3	322	0.000
07:30 - 08:00	3	322	0.104	3	322	0.000	3	322	0.104
08:00 - 08:30	4	286	0.175	4	286	0.000	4	286	0.175
08:30 - 09:00	4	286	0.087	4	286	0.000	4	286	0.087
09:00 - 09:30	4	286	0.000	4	286	0.000	4	286	0.000
09:30 - 10:00	4	286	0.087	4	286	0.000	4	286	0.087
10:00 - 10:30	4	286	0.000	4	286	0.000	4	286	0.000
10:30 - 11:00	4	286	0.087	4	286	0.087	4	286	0.174
11:00 - 11:30	4	286	0.000	4	286	0.000	4	286	0.000
11:30 - 12:00	4	286	0.000	4	286	0.000	4	286	0.000
12:00 - 12:30	4	286	0.000	4	286	0.000	4	286	0.000
12:30 - 13:00	4	286	0.000	4	286	0.087	4	286	0.087
13:00 - 13:30	4	286	0.175	4	286	0.262	4	286	0.437
13:30 - 14:00	4	286	0.175	4	286	0.000	4	286	0.175
14:00 - 14:30	4	286	0.087	4	286	0.000	4	286	0.087
14:30 - 15:00	4	286	0.087	4	286	0.175	4	286	0.262
15:00 - 15:30	4	286	0.000	4	286	0.175	4	286	0.175
15:30 - 16:00	4	286	0.000	4	286	0.000	4	286	0.000
16:00 - 16:30	4	286	0.000	4	286	0.000	4	286	0.000
16:30 - 17:00	4	286	0.000	4	286	0.000	4	286	0.000
17:00 - 17:30	4	286	0.000	4	286	0.087	4	286	0.087
17:30 - 18:00	4	286	0.000	4	286	0.087	4	286	0.087
18:00 - 18:30	3	322	0.000	3	322	0.000	3	322	0.000
18:30 - 19:00	3	322	0.000	3	322	0.000	3	322	0.000
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			1.064			0.960			2.024

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.

Office Trip Rates

mode transport limited Lombard House, 145 Great Charles Street Birmingham, B3 3LP

Licence No: 754101

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE

MULTI-MODAL VEHICLE OCCUPANTS**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 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	3	322	0.000	3	322	0.000	3	322	0.000
07:30 - 08:00	3	322	0.932	3	322	0.000	3	322	0.932
08:00 - 08:30	4	286	1.748	4	286	0.000	4	286	1.748
08:30 - 09:00	4	286	2.710	4	286	0.437	4	286	3.147
09:00 - 09:30	4	286	2.273	4	286	1.399	4	286	3.672
09:30 - 10:00	4	286	0.962	4	286	0.787	4	286	1.749
10:00 - 10:30	4	286	0.612	4	286	0.437	4	286	1.049
10:30 - 11:00	4	286	0.524	4	286	0.787	4	286	1.311
11:00 - 11:30	4	286	0.175	4	286	0.262	4	286	0.437
11:30 - 12:00	4	286	0.962	4	286	0.787	4	286	1.749
12:00 - 12:30	4	286	0.524	4	286	1.136	4	286	1.660
12:30 - 13:00	4	286	0.612	4	286	0.787	4	286	1.399
13:00 - 13:30	4	286	0.350	4	286	0.524	4	286	0.874
13:30 - 14:00	4	286	0.699	4	286	0.437	4	286	1.136
14:00 - 14:30	4	286	0.437	4	286	0.699	4	286	1.136
14:30 - 15:00	4	286	0.699	4	286	0.699	4	286	1.398
15:00 - 15:30	4	286	0.524	4	286	0.437	4	286	0.961
15:30 - 16:00	4	286	0.175	4	286	0.350	4	286	0.525
16:00 - 16:30	4	286	0.437	4	286	1.049	4	286	1.486
16:30 - 17:00	4	286	0.350	4	286	1.311	4	286	1.661
17:00 - 17:30	4	286	0.087	4	286	2.010	4	286	2.097
17:30 - 18:00	4	286	0.087	4	286	1.311	4	286	1.398
18:00 - 18:30	3	322	0.621	3	322	0.932	3	322	1.553
18:30 - 19:00	3	322	0.000	3	322	0.000	3	322	0.000
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			16.500			16.578			33.078

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.

Office Trip Rates

mode transport limited Lombard House, 145 Great Charles Street Birmingham, B3 3LP

Licence No: 754101

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE

MULTI-MODAL PEDESTRIANS

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 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	3	322	0.000	3	322	0.000	3	322	0.000
07:30 - 08:00	3	322	0.000	3	322	0.000	3	322	0.000
08:00 - 08:30	4	286	0.087	4	286	0.000	4	286	0.087
08:30 - 09:00	4	286	0.787	4	286	0.000	4	286	0.787
09:00 - 09:30	4	286	0.350	4	286	0.000	4	286	0.350
09:30 - 10:00	4	286	0.000	4	286	0.524	4	286	0.524
10:00 - 10:30	4	286	0.350	4	286	0.175	4	286	0.525
10:30 - 11:00	4	286	0.175	4	286	1.224	4	286	1.399
11:00 - 11:30	4	286	1.049	4	286	0.087	4	286	1.136
11:30 - 12:00	4	286	0.262	4	286	0.087	4	286	0.349
12:00 - 12:30	4	286	0.262	4	286	0.262	4	286	0.524
12:30 - 13:00	4	286	0.962	4	286	1.136	4	286	2.098
13:00 - 13:30	4	286	0.350	4	286	1.049	4	286	1.399
13:30 - 14:00	4	286	0.787	4	286	0.612	4	286	1.399
14:00 - 14:30	4	286	0.787	4	286	0.175	4	286	0.962
14:30 - 15:00	4	286	0.350	4	286	0.437	4	286	0.787
15:00 - 15:30	4	286	0.087	4	286	0.175	4	286	0.262
15:30 - 16:00	4	286	0.000	4	286	0.175	4	286	0.175
16:00 - 16:30	4	286	0.262	4	286	0.175	4	286	0.437
16:30 - 17:00	4	286	0.175	4	286	0.699	4	286	0.874
17:00 - 17:30	4	286	0.000	4	286	0.262	4	286	0.262
17:30 - 18:00	4	286	0.000	4	286	0.175	4	286	0.175
18:00 - 18:30	3	322	0.000	3	322	0.104	3	322	0.104
18:30 - 19:00	3	322	0.000	3	322	0.000	3	322	0.000
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			7.082			7.533			14.615

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.

Office Trip Rates

mode transport limited Lombard House, 145 Great Charles Street Birmingham, B3 3LP

Licence No: 754101

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE

MULTI-MODAL BUS/TRAM PASSENGERS

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 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	3	322	0.104	3	322	0.000	3	322	0.104
07:30 - 08:00	3	322	0.000	3	322	0.000	3	322	0.000
08:00 - 08:30	4	286	0.087	4	286	0.000	4	286	0.087
08:30 - 09:00	4	286	0.350	4	286	0.000	4	286	0.350
09:00 - 09:30	4	286	0.087	4	286	0.000	4	286	0.087
09:30 - 10:00	4	286	0.175	4	286	0.262	4	286	0.437
10:00 - 10:30	4	286	0.000	4	286	0.000	4	286	0.000
10:30 - 11:00	4	286	0.087	4	286	0.000	4	286	0.087
11:00 - 11:30	4	286	0.000	4	286	0.000	4	286	0.000
11:30 - 12:00	4	286	0.000	4	286	0.087	4	286	0.087
12:00 - 12:30	4	286	0.175	4	286	0.175	4	286	0.350
12:30 - 13:00	4	286	0.000	4	286	0.087	4	286	0.087
13:00 - 13:30	4	286	0.175	4	286	0.175	4	286	0.350
13:30 - 14:00	4	286	0.175	4	286	0.000	4	286	0.175
14:00 - 14:30	4	286	0.000	4	286	0.000	4	286	0.000
14:30 - 15:00	4	286	0.000	4	286	0.087	4	286	0.087
15:00 - 15:30	4	286	0.000	4	286	0.000	4	286	0.000
15:30 - 16:00	4	286	0.000	4	286	0.000	4	286	0.000
16:00 - 16:30	4	286	0.000	4	286	0.087	4	286	0.087
16:30 - 17:00	4	286	0.000	4	286	0.087	4	286	0.087
17:00 - 17:30	4	286	0.000	4	286	0.175	4	286	0.175
17:30 - 18:00	4	286	0.000	4	286	0.087	4	286	0.087
18:00 - 18:30	3	322	0.000	3	322	0.000	3	322	0.000
18:30 - 19:00	3	322	0.000	3	322	0.000	3	322	0.000
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:		1.415			1.309			2.724	

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.

Office Trip Rates

mode transport limited Lombard House, 145 Great Charles Street Birmingham, B3 3LP

Licence No: 754101

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE

MULTI-MODAL TOTAL RAIL PASSENGERS

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 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	3	322	0.000	3	322	0.000	3	322	0.000
07:30 - 08:00	3	322	0.000	3	322	0.000	3	322	0.000
08:00 - 08:30	4	286	0.000	4	286	0.000	4	286	0.000
08:30 - 09:00	4	286	0.000	4	286	0.000	4	286	0.000
09:00 - 09:30	4	286	0.087	4	286	0.000	4	286	0.087
09:30 - 10:00	4	286	0.087	4	286	0.000	4	286	0.087
10:00 - 10:30	4	286	0.000	4	286	0.000	4	286	0.000
10:30 - 11:00	4	286	0.000	4	286	0.000	4	286	0.000
11:00 - 11:30	4	286	0.000	4	286	0.000	4	286	0.000
11:30 - 12:00	4	286	0.000	4	286	0.000	4	286	0.000
12:00 - 12:30	4	286	0.000	4	286	0.000	4	286	0.000
12:30 - 13:00	4	286	0.000	4	286	0.000	4	286	0.000
13:00 - 13:30	4	286	0.000	4	286	0.000	4	286	0.000
13:30 - 14:00	4	286	0.000	4	286	0.000	4	286	0.000
14:00 - 14:30	4	286	0.000	4	286	0.000	4	286	0.000
14:30 - 15:00	4	286	0.000	4	286	0.000	4	286	0.000
15:00 - 15:30	4	286	0.000	4	286	0.000	4	286	0.000
15:30 - 16:00	4	286	0.000	4	286	0.000	4	286	0.000
16:00 - 16:30	4	286	0.000	4	286	0.000	4	286	0.000
16:30 - 17:00	4	286	0.000	4	286	0.000	4	286	0.000
17:00 - 17:30	4	286	0.000	4	286	0.087	4	286	0.087
17:30 - 18:00	4	286	0.000	4	286	0.000	4	286	0.000
18:00 - 18:30	3	322	0.000	3	322	0.104	3	322	0.104
18:30 - 19:00	3	322	0.000	3	322	0.000	3	322	0.000
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.174			0.191			0.365

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.

Office Trip Rates

mode transport limited Lombard House, 145 Great Charles Street Birmingham, B3 3LP

Licence No: 754101

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE

MULTI-MODAL PUBLIC TRANSPORT USERS

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 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	3	322	0.104	3	322	0.000	3	322	0.104
07:30 - 08:00	3	322	0.000	3	322	0.000	3	322	0.000
08:00 - 08:30	4	286	0.087	4	286	0.000	4	286	0.087
08:30 - 09:00	4	286	0.350	4	286	0.000	4	286	0.350
09:00 - 09:30	4	286	0.175	4	286	0.000	4	286	0.175
09:30 - 10:00	4	286	0.262	4	286	0.262	4	286	0.524
10:00 - 10:30	4	286	0.000	4	286	0.000	4	286	0.000
10:30 - 11:00	4	286	0.087	4	286	0.000	4	286	0.087
11:00 - 11:30	4	286	0.000	4	286	0.000	4	286	0.000
11:30 - 12:00	4	286	0.000	4	286	0.087	4	286	0.087
12:00 - 12:30	4	286	0.175	4	286	0.175	4	286	0.350
12:30 - 13:00	4	286	0.000	4	286	0.087	4	286	0.087
13:00 - 13:30	4	286	0.175	4	286	0.175	4	286	0.350
13:30 - 14:00	4	286	0.175	4	286	0.000	4	286	0.175
14:00 - 14:30	4	286	0.000	4	286	0.000	4	286	0.000
14:30 - 15:00	4	286	0.000	4	286	0.087	4	286	0.087
15:00 - 15:30	4	286	0.000	4	286	0.000	4	286	0.000
15:30 - 16:00	4	286	0.000	4	286	0.000	4	286	0.000
16:00 - 16:30	4	286	0.000	4	286	0.087	4	286	0.087
16:30 - 17:00	4	286	0.000	4	286	0.087	4	286	0.087
17:00 - 17:30	4	286	0.000	4	286	0.262	4	286	0.262
17:30 - 18:00	4	286	0.000	4	286	0.087	4	286	0.087
18:00 - 18:30	3	322	0.000	3	322	0.104	3	322	0.104
18:30 - 19:00	3	322	0.000	3	322	0.000	3	322	0.000
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			1.590			1.500			3.090

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.

Office Trip Rates

mode transport limited Lombard House, 145 Great Charles Street Birmingham, B3 3LP

Licence No: 754101

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE

MULTI-MODAL TOTAL PEOPLE

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 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	3	322	0.104	3	322	0.000	3	322	0.104
07:30 - 08:00	3	322	1.035	3	322	0.000	3	322	1.035
08:00 - 08:30	4	286	2.098	4	286	0.000	4	286	2.098
08:30 - 09:00	4	286	3.934	4	286	0.437	4	286	4.371
09:00 - 09:30	4	286	2.797	4	286	1.399	4	286	4.196
09:30 - 10:00	4	286	1.311	4	286	1.573	4	286	2.884
10:00 - 10:30	4	286	0.962	4	286	0.612	4	286	1.574
10:30 - 11:00	4	286	0.874	4	286	2.098	4	286	2.972
11:00 - 11:30	4	286	1.224	4	286	0.350	4	286	1.574
11:30 - 12:00	4	286	1.224	4	286	0.962	4	286	2.186
12:00 - 12:30	4	286	0.962	4	286	1.573	4	286	2.535
12:30 - 13:00	4	286	1.573	4	286	2.098	4	286	3.671
13:00 - 13:30	4	286	1.049	4	286	2.010	4	286	3.059
13:30 - 14:00	4	286	1.836	4	286	1.049	4	286	2.885
14:00 - 14:30	4	286	1.311	4	286	0.874	4	286	2.185
14:30 - 15:00	4	286	1.136	4	286	1.399	4	286	2.535
15:00 - 15:30	4	286	0.612	4	286	0.787	4	286	1.399
15:30 - 16:00	4	286	0.175	4	286	0.524	4	286	0.699
16:00 - 16:30	4	286	0.699	4	286	1.311	4	286	2.010
16:30 - 17:00	4	286	0.524	4	286	2.098	4	286	2.622
17:00 - 17:30	4	286	0.087	4	286	2.622	4	286	2.709
17:30 - 18:00	4	286	0.087	4	286	1.661	4	286	1.748
18:00 - 18:30	3	322	0.621	3	322	1.139	3	322	1.760
18:30 - 19:00	3	322	0.000	3	322	0.000	3	322	0.000
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			26.235			26.576			52.811

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.

Office Trip Rates

Page 15

mode transport limited Lombard House, 145 Great Charles Street Birmingham, B3 3LP

Licence No: 754101

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE

MULTI-MODAL CARS

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 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	3	322	0.000	3	322	0.000	3	322	0.000
07:30 - 08:00	3	322	0.932	3	322	0.000	3	322	0.932
08:00 - 08:30	4	286	1.486	4	286	0.000	4	286	1.486
08:30 - 09:00	4	286	2.185	4	286	0.350	4	286	2.535
09:00 - 09:30	4	286	2.185	4	286	1.049	4	286	3.234
09:30 - 10:00	4	286	0.699	4	286	0.699	4	286	1.398
10:00 - 10:30	4	286	0.524	4	286	0.262	4	286	0.786
10:30 - 11:00	4	286	0.524	4	286	0.612	4	286	1.136
11:00 - 11:30	4	286	0.087	4	286	0.262	4	286	0.349
11:30 - 12:00	4	286	0.437	4	286	0.437	4	286	0.874
12:00 - 12:30	4	286	0.350	4	286	0.612	4	286	0.962
12:30 - 13:00	4	286	0.437	4	286	0.699	4	286	1.136
13:00 - 13:30	4	286	0.350	4	286	0.437	4	286	0.787
13:30 - 14:00	4	286	0.524	4	286	0.350	4	286	0.874
14:00 - 14:30	4	286	0.437	4	286	0.612	4	286	1.049
14:30 - 15:00	4	286	0.437	4	286	0.524	4	286	0.961
15:00 - 15:30	4	286	0.437	4	286	0.350	4	286	0.787
15:30 - 16:00	4	286	0.087	4	286	0.175	4	286	0.262
16:00 - 16:30	4	286	0.175	4	286	0.699	4	286	0.874
16:30 - 17:00	4	286	0.350	4	286	1.224	4	286	1.574
17:00 - 17:30	4	286	0.175	4	286	1.836	4	286	2.011
17:30 - 18:00	4	286	0.000	4	286	1.224	4	286	1.224
18:00 - 18:30	3	322	0.207	3	322	0.621	3	322	0.828
18:30 - 19:00	3	322	0.000	3	322	0.000	3	322	0.000
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			13.025			13.034			26.059

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.

Office Trip Rates

mode transport limited Lombard House, 145 Great Charles Street Birmingham, B3 3LP

Licence No: 754101

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE

MULTI-MODAL LGVS**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 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	3	322	0.000	3	322	0.000	3	322	0.000
07:30 - 08:00	3	322	0.000	3	322	0.000	3	322	0.000
08:00 - 08:30	4	286	0.000	4	286	0.000	4	286	0.000
08:30 - 09:00	4	286	0.087	4	286	0.000	4	286	0.087
09:00 - 09:30	4	286	0.000	4	286	0.175	4	286	0.175
09:30 - 10:00	4	286	0.262	4	286	0.087	4	286	0.349
10:00 - 10:30	4	286	0.000	4	286	0.175	4	286	0.175
10:30 - 11:00	4	286	0.000	4	286	0.000	4	286	0.000
11:00 - 11:30	4	286	0.087	4	286	0.000	4	286	0.087
11:30 - 12:00	4	286	0.175	4	286	0.175	4	286	0.350
12:00 - 12:30	4	286	0.087	4	286	0.175	4	286	0.262
12:30 - 13:00	4	286	0.000	4	286	0.000	4	286	0.000
13:00 - 13:30	4	286	0.000	4	286	0.000	4	286	0.000
13:30 - 14:00	4	286	0.000	4	286	0.000	4	286	0.000
14:00 - 14:30	4	286	0.000	4	286	0.000	4	286	0.000
14:30 - 15:00	4	286	0.175	4	286	0.087	4	286	0.262
15:00 - 15:30	4	286	0.000	4	286	0.087	4	286	0.087
15:30 - 16:00	4	286	0.087	4	286	0.000	4	286	0.087
16:00 - 16:30	4	286	0.175	4	286	0.175	4	286	0.350
16:30 - 17:00	4	286	0.000	4	286	0.000	4	286	0.000
17:00 - 17:30	4	286	0.000	4	286	0.000	4	286	0.000
17:30 - 18:00	4	286	0.000	4	286	0.000	4	286	0.000
18:00 - 18:30	3	322	0.000	3	322	0.000	3	322	0.000
18:30 - 19:00	3	322	0.000	3	322	0.000	3	322	0.000
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			1.135			1.136			2.271

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.

Office Trip Rates

mode transport limited Lombard House, 145 Great Charles Street Birmingham, B3 3LP

Licence No: 754101

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE

MULTI-MODAL MOTOR CYCLES

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 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	3	322	0.000	3	322	0.000	3	322	0.000
07:30 - 08:00	3	322	0.000	3	322	0.000	3	322	0.000
08:00 - 08:30	4	286	0.000	4	286	0.000	4	286	0.000
08:30 - 09:00	4	286	0.000	4	286	0.000	4	286	0.000
09:00 - 09:30	4	286	0.000	4	286	0.000	4	286	0.000
09:30 - 10:00	4	286	0.000	4	286	0.000	4	286	0.000
10:00 - 10:30	4	286	0.087	4	286	0.000	4	286	0.087
10:30 - 11:00	4	286	0.000	4	286	0.000	4	286	0.000
11:00 - 11:30	4	286	0.000	4	286	0.000	4	286	0.000
11:30 - 12:00	4	286	0.000	4	286	0.000	4	286	0.000
12:00 - 12:30	4	286	0.000	4	286	0.000	4	286	0.000
12:30 - 13:00	4	286	0.000	4	286	0.000	4	286	0.000
13:00 - 13:30	4	286	0.000	4	286	0.000	4	286	0.000
13:30 - 14:00	4	286	0.087	4	286	0.087	4	286	0.174
14:00 - 14:30	4	286	0.000	4	286	0.000	4	286	0.000
14:30 - 15:00	4	286	0.000	4	286	0.000	4	286	0.000
15:00 - 15:30	4	286	0.000	4	286	0.000	4	286	0.000
15:30 - 16:00	4	286	0.000	4	286	0.087	4	286	0.087
16:00 - 16:30	4	286	0.000	4	286	0.000	4	286	0.000
16:30 - 17:00	4	286	0.000	4	286	0.000	4	286	0.000
17:00 - 17:30	4	286	0.000	4	286	0.000	4	286	0.000
17:30 - 18:00	4	286	0.000	4	286	0.000	4	286	0.000
18:00 - 18:30	3	322	0.000	3	322	0.000	3	322	0.000
18:30 - 19:00	3	322	0.000	3	322	0.000	3	322	0.000
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.174			0.174			0.348

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.

Calculation Reference: AUDIT-754101-210705-0756

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 07 - LEISURE
 Category : Q - COMMUNITY CENTRE

TOTAL VEHICLESSelected regions and areas:

07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	1 days
08	NORTH WEST	
	CH CHESHIRE	1 days
09	NORTH	
	TW TYNE & WEAR	1 days

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

Primary Filtering selection:

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

Parameter: Gross floor area
 Actual Range: 100 to 450 (units: sqm)
 Range Selected by User: 100 to 500 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/13 to 07/11/17

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
Friday	1 days

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

Selected survey types:

Manual count	3 days
Directional ATC Count	0 days

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaken using machines.

Selected Locations:

Neighbourhood Centre (PPS6 Local Centre)	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:

Village	1
No Sub Category	2

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

Secondary Filtering selection:Use Class:

F2(b)	3 days
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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 500m Range:

All Surveys Included

Secondary Filtering selection (Cont.):Population within 1 mile:

1,000 or Less	1 days
15,001 to 20,000	1 days
25,001 to 50,000	1 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	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	3 days
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This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Travel Plan:

No	3 days
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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	3 days
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This data displays the number of selected surveys with PTAL Ratings.

Community Centre Trip Rates

mode transport limited Lombard House, 145 Great Charles Street Birmingham, B3 3LP

Licence No: 754101

LIST OF SITES relevant to selection parameters

1	CH-07-Q-01	COMMUNITY CENTRE	CHESHIRE
	WARRINGTON ROAD		
	MERE		
	Neighbourhood Centre (PPS6 Local Centre)		
	Village		
	Total Gross floor area:	100 sqm	
	Survey date: TUESDAY	07/11/17	Survey Type: MANUAL
2	NY-07-Q-01	COMMUNITY CENTRE	NORTH YORKSHIRE
	SHUTE ROAD		
	CATTERICK GARRISON		
	Neighbourhood Centre (PPS6 Local Centre)		
	No Sub Category		
	Total Gross floor area:	316 sqm	
	Survey date: WEDNESDAY	10/05/17	Survey Type: MANUAL
3	TW-07-Q-01	COMMUNITY CENTRE	TYNE & WEAR
	HIGH STREET		
	GATESHEAD		
	WREKENTON		
	Neighbourhood Centre (PPS6 Local Centre)		
	No Sub Category		
	Total Gross floor area:	450 sqm	
	Survey date: FRIDAY	04/10/13	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 07 - LEISURE/Q - COMMUNITY CENTRE

TOTAL 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	3	289	0.231	3	289	0.000	3	289	0.231
08:00 - 09:00	3	289	1.155	3	289	0.693	3	289	1.848
09:00 - 10:00	3	289	1.501	3	289	0.462	3	289	1.963
10:00 - 11:00	3	289	0.693	3	289	0.924	3	289	1.617
11:00 - 12:00	3	289	0.693	3	289	1.270	3	289	1.963
12:00 - 13:00	3	289	1.501	3	289	0.693	3	289	2.194
13:00 - 14:00	3	289	0.577	3	289	0.808	3	289	1.385
14:00 - 15:00	3	289	0.346	3	289	0.346	3	289	0.692
15:00 - 16:00	3	289	1.501	3	289	2.656	3	289	4.157
16:00 - 17:00	2	275	0.182	2	275	0.909	2	275	1.091
17:00 - 18:00	2	275	0.909	2	275	0.182	2	275	1.091
18:00 - 19:00	2	275	1.818	2	275	1.091	2	275	2.909
19:00 - 20:00	2	275	4.909	2	275	0.545	2	275	5.454
20:00 - 21:00	2	275	0.545	2	275	0.545	2	275	1.090
21:00 - 22:00	2	275	0.000	2	275	3.818	2	275	3.818
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			16.561			14.942			31.503

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: $COUNT/TRP*FACT$. Trip rates are then rounded to 3 decimal places.

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Parameter summary

Trip rate parameter range selected:	100 - 450 (units: sqm)
Survey date range:	01/01/13 - 07/11/17
Number of weekdays (Monday-Friday):	3
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 shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

Community Centre Trip Rates

mode transport limited Lombard House, 145 Great Charles Street Birmingham, B3 3LP

Licence No: 754101

TRIP RATE for Land Use 07 - LEISURE/Q - COMMUNITY CENTRE

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	3	289	0.000	3	289	0.000	3	289	0.000
08:00 - 09:00	3	289	0.000	3	289	0.000	3	289	0.000
09:00 - 10:00	3	289	0.115	3	289	0.115	3	289	0.230
10:00 - 11:00	3	289	0.000	3	289	0.000	3	289	0.000
11:00 - 12:00	3	289	0.000	3	289	0.000	3	289	0.000
12:00 - 13:00	3	289	0.462	3	289	0.462	3	289	0.924
13:00 - 14:00	3	289	0.000	3	289	0.000	3	289	0.000
14:00 - 15:00	3	289	0.000	3	289	0.000	3	289	0.000
15:00 - 16:00	3	289	0.924	3	289	0.924	3	289	1.848
16:00 - 17:00	2	275	0.000	2	275	0.000	2	275	0.000
17:00 - 18:00	2	275	0.000	2	275	0.000	2	275	0.000
18:00 - 19:00	2	275	0.000	2	275	0.000	2	275	0.000
19:00 - 20:00	2	275	0.000	2	275	0.000	2	275	0.000
20:00 - 21:00	2	275	0.182	2	275	0.182	2	275	0.364
21:00 - 22:00	2	275	0.000	2	275	0.000	2	275	0.000
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.683			1.683			3.366

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.

Community Centre Trip Rates

mode transport limited Lombard House, 145 Great Charles Street Birmingham, B3 3LP

Licence No: 754101

TRIP RATE for Land Use 07 - LEISURE/Q - COMMUNITY CENTRE

CARS**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	3	289	0.231	3	289	0.000	3	289	0.231
08:00 - 09:00	3	289	0.231	3	289	0.231	3	289	0.462
09:00 - 10:00	3	289	0.000	3	289	0.000	3	289	0.000
10:00 - 11:00	3	289	0.115	3	289	0.115	3	289	0.230
11:00 - 12:00	3	289	0.115	3	289	0.115	3	289	0.230
12:00 - 13:00	3	289	0.000	3	289	0.000	3	289	0.000
13:00 - 14:00	3	289	0.115	3	289	0.115	3	289	0.230
14:00 - 15:00	3	289	0.115	3	289	0.115	3	289	0.230
15:00 - 16:00	3	289	0.115	3	289	0.462	3	289	0.577
16:00 - 17:00	2	275	0.000	2	275	0.000	2	275	0.000
17:00 - 18:00	2	275	0.000	2	275	0.000	2	275	0.000
18:00 - 19:00	2	275	1.455	2	275	0.000	2	275	1.455
19:00 - 20:00	2	275	4.364	2	275	0.000	2	275	4.364
20:00 - 21:00	2	275	0.000	2	275	0.000	2	275	0.000
21:00 - 22:00	2	275	0.000	2	275	3.818	2	275	3.818
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			6.856				4.971	11.827	

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.

Community Centre Trip Rates

mode transport limited Lombard House, 145 Great Charles Street Birmingham, B3 3LP

Licence No: 754101

TRIP RATE for Land Use 07 - LEISURE/Q - COMMUNITY CENTRE

LGVS

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	3	289	0.000	3	289	0.000	3	289	0.000
08:00 - 09:00	3	289	0.000	3	289	0.000	3	289	0.000
09:00 - 10:00	3	289	0.231	3	289	0.000	3	289	0.231
10:00 - 11:00	3	289	0.000	3	289	0.231	3	289	0.231
11:00 - 12:00	3	289	0.115	3	289	0.115	3	289	0.230
12:00 - 13:00	3	289	0.115	3	289	0.000	3	289	0.115
13:00 - 14:00	3	289	0.115	3	289	0.000	3	289	0.115
14:00 - 15:00	3	289	0.115	3	289	0.231	3	289	0.346
15:00 - 16:00	3	289	0.000	3	289	0.000	3	289	0.000
16:00 - 17:00	2	275	0.182	2	275	0.182	2	275	0.364
17:00 - 18:00	2	275	0.000	2	275	0.000	2	275	0.000
18:00 - 19:00	2	275	0.000	2	275	0.000	2	275	0.000
19:00 - 20:00	2	275	0.000	2	275	0.000	2	275	0.000
20:00 - 21:00	2	275	0.000	2	275	0.000	2	275	0.000
21:00 - 22:00	2	275	0.000	2	275	0.000	2	275	0.000
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.873			0.759			1.632

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.

Community Centre Trip Rates

mode transport limited Lombard House, 145 Great Charles Street Birmingham, B3 3LP

Licence No: 754101

TRIP RATE for Land Use 07 - LEISURE/Q - COMMUNITY CENTRE

MOTOR CYCLES**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	3	289	0.000	3	289	0.000	3	289	0.000
08:00 - 09:00	3	289	0.115	3	289	0.000	3	289	0.115
09:00 - 10:00	3	289	0.000	3	289	0.000	3	289	0.000
10:00 - 11:00	3	289	0.000	3	289	0.000	3	289	0.000
11:00 - 12:00	3	289	0.000	3	289	0.000	3	289	0.000
12:00 - 13:00	3	289	0.000	3	289	0.000	3	289	0.000
13:00 - 14:00	3	289	0.000	3	289	0.000	3	289	0.000
14:00 - 15:00	3	289	0.000	3	289	0.000	3	289	0.000
15:00 - 16:00	3	289	0.000	3	289	0.115	3	289	0.115
16:00 - 17:00	2	275	0.000	2	275	0.000	2	275	0.000
17:00 - 18:00	2	275	0.000	2	275	0.000	2	275	0.000
18:00 - 19:00	2	275	0.000	2	275	0.000	2	275	0.000
19:00 - 20:00	2	275	0.000	2	275	0.000	2	275	0.000
20:00 - 21:00	2	275	0.000	2	275	0.000	2	275	0.000
21:00 - 22:00	2	275	0.000	2	275	0.000	2	275	0.000
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.115			0.115			0.230

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: $COUNT/TRP*FACT$. Trip rates are then rounded to 3 decimal places.



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