# Appendix 41

HTp/1107/TN/02/A/Addendum – Peak Period Trip Rates

# Highgate Transportation

Land at Peel Hall, Warrington Technical Note on Peak Period Trip Rates (HTp/1107/TN/02/Revision A - Addendum)

March 2016

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# 1.0 Introduction

- 1.1 This Technical Note has been prepared by Highgate Transportation Limited to set out the peak period trip rates for the development site for insertion into the AECOM VISSIM model, further to Technical Note TN/02/A that provided AM and PM peak hour trip rates and generation figures for each proposed land use of the development profile. TN/02/A, including TRICS reports, is contained at **Appendix 1** for reference.
- 1.2 The AM peak period is classed as 0700-0930 hours and the PM peak period is classed as 1600-1830 hours.
- 1.3 As set out in TN/02/A, we consider that our general approach and assumptions are robust because higher trip rates have been used wherever possible, such as calculating the vehicle trips for residential dwellings, B1(c) land use and food store. It is considered that this gives confidence to the overall figures used in the assessment.

# 2.0 Peak Period Development Trip Rates

- 2.1 The peak period trip rates and trip generation figures are set out in **Tables 2.1-2.8**.
- 2.2 The following **Table 2.1** sets out the Residential trip rates. The TRICS data to support this is contained in **Appendix 2**.

Hour	Trip Rates (per unit)		TRIPS	
	Arr.	Dep.	Arr.	Dep.
0700-0800	0.127	0.380	152	456
0800-0900	0.225	0.523	270	628
0900-1000	0.217	0.294	260	353
0900-0930*	0.109	0.147	131	176
1600-1700	0.419	0.248	503	298
1700-1800	0.495	0.307	594	368
1800-1900	0.364	0.364 0.274		329
1800-1830*	0.182	0.137	218	164

## Table 2.1 – Residential (1,200 houses)

\*The hourly rate has been halved

2.3 The following **Table 2.2** sets out the Care Home trip rates. The TRICS data to support this is contained in **Appendix 3**.

Hour	Trip Rates (per bed)		TRIPS	
	Arr.	Dep.	Arr.	Dep.
0700-0800	0.075	0.083	8	8
0800-0900	0.068	0.068	7	7
0900-1000	0.090	0.038	9	4
0900-0930*	0.045 0.019		5	2
1600-1700	0.068	0.053	7	5
1700-1800	0.083	0.113	8 11	
1800-1900	0.098	0.105	10 10	
1800-1830*	0.049	0.053	5	5

# Table 2.2 – Care Home (100-beds)

2.4 The trip rates for the following tables are contained in **Appendix 1** as set out in **paragraph 1.2**.

## Table 2.3 – Employment (7,500sqm)

Hour	Trip Rates (per 100sqm)		TRIPS	
	Arr.	Dep.	Arr.	Dep.
0700-0800	0.688	0.164	52	12
0800-0900	0.919	0.514	69	39
0900-0930**	0.354	0.272	27	20
1600-1700	0.473	0.668	36	50
1700-1800	0.262	0.621	20	47
1800-1830**	0.067	0.216	5	16

\*\*The half-hourly rates are provided in TRICS

# Table 2.4 – Food Store (2,000sqm)

Hour	Trip Rates (per 100sqm)		TRIPS	
	Arr.	Dep.	Arr.	Dep.
0700-0800	1.801	1.082	36	22
0800-0900	4.615	3.030	92	61
0900-1000	6.736	5.108	135	102
0900-0930*	3.368	2.554	67	51
1600-1700	8.121	7.697	162	154
1700-1800	9.056	9.550	181	191
1800-1900	7.108	8.502	142	170
1800-1830*	3.554	4.251	71	85

Hour	Trip Rates (per 100sqm)		TRIPS	
	Arr.	Dep.	Arr.	Dep.
0700-0800	4.257	3.792	26	23
0800-0900	5.025	4.780	30	29
0900-1000	5.701	5.211	34	31
0900-0930*	2.851	2.601	17	16
1600-1700	5.735	5.828	34	35
1700-1800	6.039	6.495	36	39
1800-1900	5.819	6.098	35	37
1800-1830*	2.910	3.049	18	18

# Table 2.5 – Local Centre (600sqm)

# Table 2.6 – Family Pub/Restaurant (1,600sqm)

Hour	Trip Rates (per 100sqm)		TRIPS	
	Arr. Dep.		Arr.	Dep.
1600-1700	1.828	1.195	29	19
1700-1800	2.847 1.845		46	30
1800-1900	3.023	2.513	18	40
1800-1830*	1.512	1.257	24	20

# Table 2.7 – Primary School (420 pupils)

Hour	Trip Rates (per 1 pupil)		TRIPS	
	Arr.	Dep.	Arr.	Dep.
0700-0800	0.057	0.023	24	10
0800-0900	0.269	0.189	113	79
0900-1000	0.048	0.056	20	24
0900-0930*	* 0.024 0.028	0.028	10	12
1600-1700	0.116	0.165	49	69
1700-1800	0.045	0.045 0.063 19		27
1800-1900	0.040	0.040 0.030		13
1800-1830*	0.020	0.015	8	6

Have	TRIPS		
Hour	Arr.	Dep.	
0700-0800	0	0	
0800-0900	10	5	
0900-1000	5	10	
0900-0930*	3	5	
1600-1700	8	7	
1700-1800	7	8	
1800-1900	20	10	
1800-1830*	10	5	

# Table 2.8 – Sports Pitches and Ancillary Facilities

# 3.0 Next Steps

3.1 The peak period trip rates set out in **Tables 2.1-2.8** will be proportionally discounted based on the process set out in Technical Note 1107/TN/06 on Trip Discounts. These new trip numbers for peak period flows will then allocated to, and distributed from, the respective development access points (TN/08).

# Appendix 1

TN0/2/A on Trip Rates, complete with TRICS Data

# Highgate Transportation

Land at Peel Hall, Warrington Technical Note on Trip Rates (HTp/1107/TN/02/Revision A)

March 2016

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# 1.0 Introduction

- 1.1 This Technical Note has been prepared by Highgate Transportation Limited on behalf of Satnam Millennium Limited to set out the strategy for trip generation of the proposed development of land at Peel Hall, Warrington for the following:
  - i. A residential neighbourhood with up to 1,200 residential dwellings.
  - ii. A 100-bed care home.
  - iii. An area of employment land comprising up to 7,500 square metres Gross Floor Area (GFA) of B1(c) light industry.
  - iv. A neighbourhood centre comprising a food store of up to 2,000 square metres GFA plus up to a further 600 square metre GFA of local centre type facilities and a family pub and restaurant of up to 1,600 square metres GFA.
  - v. A primary school for up to two-form entry (i.e. up to 420 pupils).
  - vi. Open space including sports pitches and ancillary facilities, which are expected to include changing facilities for up to four teams at any one time and a function room that could be used for local community uses such as a local mother and toddler group.
- 1.2 The proposed trip rates are provided in **Sections 2.0** to **7.0** respectively for each land use.
- 1.3 Discussions have taken place between Highgate Transportation and Warrington Borough Council (WBC) and it was agreed that the trip rates proposed by AECOM in their review of the recent Omega application and agreed by WBC as appropriate to be used in this assessment where relevant.
- 1.4 Those trip rates not set out by AECOM have generally been derived using the TRICS database to provide an indication of the likely number of AM and PM weekday vehicular movements. The expected number of vehicle movements relating to the sports pitches and associated community use off Grasmere Avenue will be based on the approach that was agreed at the 2013 planning appeal (ref: APP/M0655/A/13/2192076).
- 1.5 Trip distribution and phasing are to be considered in separate Technical Notes. For example, some of the trips set out in this report will be internal and some will be external, and this is set out in HTp Technical Note TN/06. Also vehicle trips associated with the local centre, food store and school will largely be local to the development site and the existing local residential area, and this will also be considered in TN/06.
- 1.6 It is considered that our general approach is robust due to the assumptions used, as follows:

- i. Privately owned houses trip rates have been used to cover all peak period residential trip rates for all 1,200 dwelling units; including retirement flats, social housing and apartments, which are generally considered to result in lower peak period trip rates than privately owned houses.
- ii. The TRICS recommended survey data for B1(c) land use classification of Industrial Units was considered to possibly be too low and so a higher trip rate was sought using B1(c) surveys from the Industrial Estate section of the database, to ensure the trip levels are robust and give confidence to the overall figures used in the assessment.
- iii. Discount food store trip rates have not been used. Instead higher trip rates from the TRICS database have been used to give confidence to the assessment.
- 1.7 It is concluded that the trip rates provided in this Technical Note are appropriate to use in the subsequent distribution and modelling elements of the forthcoming Transport Assessment to support the proposals set out above for the development of this site.

# 2.0 Residential Trip Rate

- 2.1 The proposed residential element of the development will comprise up to 1,200 dwellings.
- 2.2 The residential trip rates mirror those agreed by WBC from the AECOM review of the Omega residential trip rates inserted into the Highways England VISSIM model. The AECOM technical note is provided in **Appendix 1** for reference and the resultant TRICS data is provided in the addendum to this Technical Note (TN/02/A/Addendum).
- 2.3 The peak hour vehicular trip rates and generation are set out in **Table 2.1**.

 Table 2.1 – Residential Vehicular Trip Rate and Generation Summary

Development Troffic	AM Peak Hour		PM Peak Hour	
Development Traffic	Arrival	Departure	Arrival	Departure
85 <sup>th</sup> Percentile Trip Rates (per unit)	0.225	0.523	0.495	0.307
Residential Trips (1,200 units)	270	628	594	368

- 2.4 It can be seen from the above table that there may be up to around 962 vehicular movements associated with the residential element of the proposed development at Peel Hall during the busiest weekday peak hour.
- 2.5 Within the 1,200 dwellings proposed there will be up to 100 retirement apartments, which have significantly lower weekday peak hour trip rates than those set out in **Table2.1** above. It should be noted that no allowance has been made for this discount within these trip rate calculations.
- 2.6 Residential apartments and social housing will also make up a proportion of the 1,200 dwellings proposed on site. No discount has been made to reflect this. It is considered that this approach is robust and gives confidence to the overall figures used in the assessment.

# **3.0 Care Home Trip Rates**

- 3.1 The proposed scheme includes the development of a 100-bedroomed care home.
- 3.2 The care home trip rates mirror those agreed by WBC used in the Omega Transport Assessment and inserted into the VISSIM model. The AECOM technical note containing these trip rates is contained in **Appendix 1**.
- 3.3 The peak hour vehicular trip rate and generation data is summarised in **Table 3.1** below.

Development Troffic	AM Peak Hour		PM Peak Hour	
Development Traffic	Arrival	Departure	Arrival	Departure
Trip Rates (per bedroom)	0.068	0.068	0.083	0.113
Retirement Flat Trips (100-beds)	7	7	8	8

#### Table 3.1 – Care Home Vehicular Trip Rates and Generation Summary

3.6 It can be seen from **Table 3.1** above that there may be up to around 16 vehicular movements associated with the proposed care home on the Peel Hall site during the busiest weekday peak hour

# 4.0 Employment Trip Rates

- 4.1 It is proposed that the development scheme will include an employment zone of up to around 7,500 square metres GFA of B1(c) light industry.
- 4.2 TRICS has been used to provide an indication of the number of AM and PM peak hour vehicular that are likely to be attracted by an employment zone of this size.
- 4.3 An assessment was first made using the TRICS 7.2.4 database for B1(c) Industrial Units; TRICS Land Use Code 02/C highlighted for B1(c) land classifications. The dataset was reviewed based on multi-modal surveys from sites within England, on weekdays for up to 10,000 square metres GFA. Sites within Greater London were excluded due to their unrepresentative trip rate as a result of greater public transport opportunities. Sites within suburban and edge of town locations were available. Four of these sites were then manually removed from the dataset as they did not contain operations classed as B1(C) land uses. This returned two surveys and the trip rates demonstrate that 22 arrivals and 11 departures in the AM peak hour and 4 arrivals and 25 departures in the PM peak hour may result from a development of 7,500sqm GFA. The TRICS data is contained at **Appendix 2**. A sensitivity test of all surveys within TRICS for this category was then carried out, excluding those in Greater London. This returned five surveys but there was negligible difference between the two sets of average trip rates.
- 4.4 However, it is possible that these trip rates may be too low for the proposed development at Peel Hall if, for example, there were 75 units of 100sqm GFA operating as starter-type units, and so a further sensitivity test was carried out.
- 4.5 The TRICS 7.2.4 database was then interrogated for surveys of B1(c) units within Industrial Estates; TRICS Land Use Code 02/D. The dataset was reviewed based on multi-modal surveys from sites within England, on weekdays for up to 10,000 square metres GFA. Sites within Greater London were again excluded. An Edge of Town Centre site was manually excluded based on the conflict of location between this and the Edge of Town setting. Further to this, three sites were also manually removed from the dataset as they did not contain operations classed as B1(C) land uses, and another four sites were removed as they only had very low proportions of B1(c) activity on site (i.e. B8 with generally much lower trip rates per square metre GFA). This returned four surveys. Due to the range of sites available within the TRICS database for this land use category, 85<sup>th</sup> percentile figures were not able to be assessed.
- 4.6 A sensitivity test of all surveys within TRICS for this category (02/D) was then carried out, excluding those in Greater London, which returned exactly the same survey results.
- 4.7 The average trip rate data for industrial estates of B1(c) land uses from the search identified in **paragraph 4.5** above is summarised in **Table 4.1** below and the TRICS data is contained at **Appendix 3**.

Development Troffic	AM Peak Hour		PM Peak Hour	
Development Traffic	Arrival	Departure	Arrival	Departure
Trip Rates (per 100sqm GFA)	0.919	0.514	0.260	0.621
Employment Trips (7,500sqm GFA)	69	39	20	47

# Table 4.1 – Employment Vehicular Trip Rates and Generation Summary

- 4.8 It can be seen from **Table 4.1** above that there may be up to around 108 vehicular movements associated with the proposed employment zone on the Peel Hall site during the busiest weekday peak hour. Due to the approach set out in **paragraphs 4.3** to **4.6** it is considered that these figures are robust and give confidence to the overall figures used in the assessment.
- 4.9 Commercial heavy goods vehicles such as 2-axle with twin rear wheels and 3-axle large vans and lorries and all goods vehicles with 4 or more axles (classified as OGVs within TRICS and OGV1 and OGV2 respectively in DMRB) may account for up to around 8% of total peak hour traffic from the proposed employment zone as set out in **Table 4.2** below.

# Table 4.2 – Employment HGV Trip Rates and Generation Summary

Development Troffic	AM Peak Hour		PM Peak Hour	
Development Traffic	Arrival	Departure	Arrival	Departure
Trip Rates (per 100sqm GFA)	0.067	0.057	0.025	0.025
Employment Trips (7,500sqm GFA)	5	4	2	2

4.10 Therefore there may be up to 9 large vehicle movements to the proposed employment zone on the Peel Hall site during the peak hour. These vehicle trips are likely to be carried out by 8 metre commercial transporter vans or box-vans, or rigid lorries up to around 12 metres in length. It is considered unlikely that a commercial vehicle as large as an articulated HGV would be regularly attracted to the proposed employment zone to the level set out in **Table 4.2** above.

# 5.0 Neighbourhood Centre Trip Rates

5.1 The proposed development will include a neighbourhood centre comprising a food store of up to 2,000sqm GFA, plus up to a further 600sqm GFA of local centre type facilities as well as a family pub and restaurant facility of up to 1,600sqm GFA.

#### **Food Store**

- 5.2 A comparison has been carried out between the trip rates from the Discount Food Stores category (01/C) within the TRICS 7.2.4 database and the generic food stores (Food Superstore 01/A) category. It should be noted that the sub land use category of 'Superstore' is misleading as the dataset covers stores from 800sqm to 12,642sqm GFA (for surveys carried out between 01/01/07 and 29/11/14 across the whole of the UK).
- 5.3 The peak hour trip rates and generation from the Discount Food Stores dataset are set out in **Table 5.1** below, based on all weekday multi-modal surveys of sites within England, excluding Greater London, in Suburban Areas, Edge of Town and Neighbourhood Centre locations. Due to the low number of surveys returned, 85<sup>th</sup> percentile data was not reliable and so the average dataset has been used. The resultant TRICS report is contained in **Appendix 4**. It should be noted that these trip rates are mirrored in the AECOM technical note as those used within the Omega TA and subsequent VISSIM modelling, which can be found in **Appendix 1** for reference.

Development Troffic	AM Peak Hour		PM Peak Hour	
Development Traffic	Arrival	Departure	Arrival	Departure
Trip Rates (per 100sqm GFA)	0.660	0.321	2.799	3.280
Discount Food Store Trips (2,000sqm GFA)	14	7	56	66

#### Table 5.1 – Discount Food Store Vehicular Trip Rate and Generation Summary

- 5.4 It can be seen from the above table that there may be up to around 112 vehicular movements associated with the food store element of the proposed development at Peel Hall during the busiest weekday peak hour, based on the Discount Food Store data in TRICS.
- 5.5 It is possible that the trip generation set out in **Table 5.1** above may be too low. Therefore the peak hour trip rates and generation from the TRICS Food Superstores dataset are set out in **Table 5.2** below, based on all weekday multi-modal surveys of sites within England, excluding Greater London, in Suburban Areas and Edge of Town locations. Again, due to the low number of surveys returned, 85<sup>th</sup> percentile data was not reliable and so the average dataset has been used. The TRICS data is also contained in **Appendix 4**.

Development Troffic	AM Peak Hour		PM Peak Hour	
Development Traffic	Arrival	Departure	Arrival	Departure
Trip Rates (per 100sqm GFA)	4.615	3.030	9.056	9.550
Food Store Trips (2,000sqm GFA)	92	61	181	191

# Table 5.2 – Food Store Vehicular Trip Rate and Generation Summary

- 5.6 It can be seen from the above table that there may be up to around 372 vehicular movements associated with the food store element of the proposed development at Peel Hall during the busiest weekday peak hour, based on the Food Superstore data in TRICS.
- 5.7 As a sensitivity test, TRICS was also interrogated for all multi-modal site surveys within the UK-wide Food Superstore dataset, using the same parameters as set out in paragraph 5.5 above. This returned one additional site in the Isle of Anglesey which slightly reduced the average trip rates shown in **Table 5.2**.
- 5.8 Therefore, although the lower discount food store trip rate figures have been agreed for use by Omega in their modelling for the same sized store (2,000sqm GFA), we will use the higher trip rate figures set out in **Table 5.2** to be robust and give confidence to the overall figures used in the assessment.

#### Local Centre

- 5.9 The proposed development includes a 600 square metre GFA local centre. The local centre may be comprised of, for example, a chemist, dry cleaners, estate agent, take-away, café and/or health care facilities.
- 5.10 TRICS has been used to provide an indication of the number of AM and PM peak hour vehicular that are likely to be attracted by a local centre of this size.
- 5.11 The TRICS 7.2.4 database was reviewed based on the category 'local shops' for all sites within England, with multi-modal weekday surveys, for Suburban Area, Edge of Town and Neighbourhood Centre locations. Average trip rates were used due to the survey sample size available.
- 5.12 Sites within Greater London were excluded due to their unrepresentative trip rate as a result of greater public transport opportunities. The full TRICS reports are contained in **Appendix 5** to this report.
- 5.13 The peak hour vehicular trip rates and generation for the local centre are set out in **Table 5.3**.

Development Troffic	AM Peak Hour		PM Peak Hour	
Development Traffic	Arrival	Departure	Arrival	Departure
Trip Rates (per 100sqm GFA)	5.025	4.780	6.039	6.495
Local Centre Trips (600sqm GFA)	30	29	36	39

# Table 5.3 – Local Centre Vehicular Trip Rate and Generation Summary

5.14 It can be seen from the above table that there may be up to around 75 vehicular movements associated with the local centre element of the proposed development at Peel Hall during the busiest weekday peak hour.

# Family Pub/Restaurant

- 5.15 The proposed development includes a family pub and restaurant facility of up to around 1,600 square metres GFA. TRICS has been used to provide an indication of the number of AM and PM peak hour vehicular that are likely to be attracted by a family pub/restaurant of this size.
- 5.16 The TRICS 7.2.4 database was reviewed based on the category Pub/Restaurant (06/C) and includes, for example, establishments such as Harvester and Beefeater. The data sets were taken from sites within England of up to 2,000 square metres GFA, on weekdays, for Suburban Area and Edge of Town locations.
- 5.17 Sites within Greater London were excluded due to their unrepresentative trip rate as a result of greater public transport opportunities. The full TRICS reports are also contained in **Appendix 6** to this report.
- 5.18 The peak hour vehicular trip rates and generation for the family pub/restaurant are set out in **Table 5.4**.

Dovelonment Troffic	AM Pea	ak Hour	PM Peak Hour	
Development Traffic	Arrival	Departure	Arrival	Departure
Trip Rates (per 100sqm GFA)	-	-	2.847	1.845
Family Pub/Restaurant Trips (1,600sqm GFA)	-	-	46	30

Table 5.4 – Family Pub/Restaurant Vehicular Trip Rate and G	eneration Summary
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5.19 It can be seen from the above table that there may be up to around 76 vehicular movements associated with the family pub/restaurant element of the proposed development at Peel Hall during the busiest weekday peak hour.

#### Summary

5.20 Overall, it can be seen that there may be up to around 523 vehicular movements associated with the neighbourhood centre element of the proposed development at Peel Hall during the busiest weekday peak hour.

# 6.0 Primary School Trip Rates

- 6.1 The proposed development scheme includes for up to a two-form entry primary school, which could have up to around 420 pupils.
- 6.2 From discussions with WBC the indication is that the development of 1,200 houses would result in a demand for around 360 primary school places. The transport assessment will therefore assume that 360 places from the on-site 420 primary school intake would come from within the proposed development, with the remaining 60 pupil places being made-up from those residents living within the area of Poplars and Hulme immediately surrounding the site.
- 6.3 TRICS has been used to provide an indication of the number of AM and PM peak hour vehicular trips that are likely to be attracted by a primary school on this site.
- 6.4 An assessment has been made from the TRICS 7.2.4 database based on average data, due to the number of surveys available. The data sets were reviewed based on multi-modal surveys from sites within England for primary schools with up to 450 pupils, on weekdays. The actual range of pupil numbers for the schools surveyed was between 147 and 414.
- 6.5 The location types returned were Suburban Area, Edge of Town and Neighbourhood Centre. The Edge of Town Centre survey location was discounted in accordance with the TRICS Good Practice Guide due to its conflict in location type with Neighbourhood Centre.
- 6.6 Sites within Greater London were excluded due to their unrepresentative trip rate as a result of greater public transport opportunities. The full TRICS reports are contained in **Appendix 7** to this report.
- 6.7 The peak hour vehicular trip rates and generation for the primary school are set out in **Table 6.1**.

Development Troffic	AM Peak Hour		PM Peak Hour	
Development Traffic	Arrival	Departure	Arrival	Departure
Trip Rates (per pupil)	0.269	0.189	0.045	0.063
Primary School Trips (all 420 pupils)	113	79	19	27
External Primary School Trips (60 pupils)	16	11	3	4

# Table 6.1 – Primary School Vehicular Trip Rate and Generation Summary

6.8 It can be seen from the above table that there may be up to around 192 vehicular movements associated with the primary school proposed on the Peel Hall site during the busiest weekday peak hour, with up to around 27 of these trips being generated from outside the development site, as set out in **paragraph 6.2** above.

# 7.0 Sports Pitches and Ancillary Facilities Trip Rates

- 7.1 The proposed development at Peel Hall will include the existing open space and local authority community buildings and sports area on the land off Windermere and Grasmere Avenues to the southeast of the site. This will be linked to the site with new sports pitches, to replace those currently located on the HCA land to the east of the site, off Mill Lane.
- 7.2 The facilities will likely include full-sized grass pitches, a multi-use games area, junior grass pitches and changing facilities for up to four teams, including WCs. The expectation is that these proposals will also include a clubhouse/function room for community use.
- 7.3 The sports pitches will predominantly be used at the weekends and it was agreed at the 2013 Public Inquiry (Appeal ref: APP/M0655/A/13/2192076) that this element of the development proposals would not need to be included within the weekday modelling. Furthermore there will be an offset in trip generation from the current onsite uses at the existing location and from the sports pitches on the HCA land, which are to be relocated.
- 7.4 However, it is likely that the proposed clubhouse facilities will be used by the local community, for example, by a mother and toddler group, and also that the sports pitches may be used during the evening after 1800.
- 7.5 It was also agreed at the 2013 Inquiry that the clubhouse facilities for local community use may attract up to 15 car movements over two-hour slots during the day between the hours of 0900 and 1800.

# 8.0 Vehicle Trip impact

- 8.1 It is considered that this Technical Note sets out the likely vehicle trip generation and attraction of each of the proposed land uses on the Peel Hall site.
- 8.2 It is clear that a proportion of these trips will be retained within this mixed-use site. The proportion of retained trips will be dealt with under a separate Technical Note.
- 8.3 An addendum to this Technical Note will be produced that sets out the trips rates for all proposed land uses across the whole AM and PM peak periods of 0700-0930 and 1600-1830 to inform the VISSIM modelling of the network.

# 9.0 Summary

- 9.1 This Technical Note has been prepared by Highgate Transportation to set out the strategy for trip generation of the proposed development of land at Peel Hall, Warrington for the following:
  - i. A residential neighbourhood with up to 1,200 residential dwellings.
  - ii. A 100-bed care home.
  - iii. An area of employment land comprising up to 7,500 square metres Gross Floor Area (GFA) of B1(c) light industry.
  - iv. A neighbourhood centre comprising a food store of up to 2,000 square metres GFA plus up to a further 600 square metre GFA of local centre type facilities, and a family pub and restaurant facility of up to 1,600 square metres GFA.
  - v. A primary school for up to two-form entry (i.e. up to 420 pupils).
  - vi. Open space including sports pitches and ancillary facilities, which are expected to include changing facilities for up to four teams at any one time and a function room that could be used for local community uses such as a local mother and toddler group.
- 9.2 The trip rates provided are a combination of those agreed for use by Omega and supplied by AECOM, which cover the residential and care home land uses and those that have been derived from using the TRICS database. The approach agreed during the 2013 Public Inquiry was used in respect of the anticipated level of peak hour vehicle movements associated with the proposed sports pitches and community facilities.
- 9.3 The likely number of AM and PM weekday peak hour vehicular generation for all land uses proposed on site are set out in **Table 9.1** for reference.

	AM Peak Hour		PM Peak Hour	
Development Traffic	Arrival	Departure	Arrival	Departure
Residential Trips	270	628	594	368
Care Home Trips	7	7	8	8
Employment Trips	69	39	20	47
Food Store Trips	92	61	181	191
Local Centre Shop Trips	30	29	36	39
Family Pub/Restaurant Trips	-	-	46	30
Primary School Trips	113	79	19	27
Community Uses	10	5	8	7
Total Trips	591	848	912	717

- 9.4 It can be seen from the above table that there may be up to around 1,629 vehicular movements associated with the proposed land used on the Peel Hall development during the busiest weekday peak hour.
- 9.5 It is concluded that the trip rates provided are a fair and robust assessment of the likely base level trip generation and attraction profile of the Peel Hall site, and that the rates used give confidence to the overall trip generation and attraction figures to be used in the assessment.
- 9.6 It is therefore considered that these trip rates are appropriate to use in the subsequent distribution and modelling elements of the forthcoming Transport Assessment to support the proposals set out above for the development of this site.

# **Appendix 1**

AECOM Technical Note on Omega Trip Rates

#### (From note produced on 26<sup>th</sup> October 2015 on behalf of Highways England)

The Technical Note (TN) was prepared to summarise the work undertaken by AECOM to update an existing VISSIM model of the M62 to include the proposed Omega Zones 3-6 development proposals and a parallel Section 73 application for variation of prior planning permission at Omega Zones 1 and 2.

#### Trip Generation and Distribution

This section presents the trip rates which were used to derive the trip generation of the OMEGA Zones 3-6 and Section 73 development proposals; describes how the development traffic was distributed on the highway network along with all the necessary assumptions; and defines which VISSIM zones were utilised to assign the traffic in the VISSIM model.

AECOM has undertaken a review of the trip generation and distribution assumptions proposed in WSP's documentation for the development proposals, which is described in detail in a parallel TN produced by AECOM. For consistency, those assumptions which were accepted by AECOM have also been utilised in the VISSIM model. The trip generation and distribution assumptions utilised within the VISSIM model are summarised below.

#### OMEGA Zones 3-6 Development Trip Generation and Distribution

#### **Residential Development**

The trip rates and resulting trip generation for the proposed residential units used in the model, are presented in **Table 1**.

Development Traffic	AM Peak		PM Peak	
	Arrivals	Departures	Arrivals	Departures
85 <sup>th</sup> Percentile Trip Rates	0.225	0.523	0.495	0.307
Residential Trips (1100 units)	248	575	545	338

#### Table 1: Residential Trip Rates and Generation, utilised by AECOM in the VISSIM model

The trip distribution of the residential units has been based upon WSP's gravity model, described within WSP'S TA Scope. The external links of WSP's gravity model were represented by a series of VISSIM zones, as summarised in **Table 2**.

#### Table 2: Zones in VISSIM utilised for the residential trip distribution

Ref	Road	Zones in VISSIM
1	Lingley Green Ave	21
2	Barrow Hall Lane	20
3	Kingsdale Road	19
4	Whittle Ave	18
5	Malvern Cl	17

6	Burtonwood Rd	16
7	Westbrook Way	15
8	Kingswood Rd	14
9	Charon Way	13
10	A57 (S)	1
11	A557	1
12	M62 (W)	1
13	A57 (N)	1
14	St. Helens Linkway	1
15	Lockheed Rd	2
16	Burtonwood Rd	3
17	Service Area Access	5
18	Delph Ln	6
19	Winwick Park Ave	6
20	A48 (N)	7
21	Winwick Link Rd	7
22	M6 (N)	8
23	M62 ( E)	9
24	M6 (S)	10
25	Winwick Rd (S)	11

# Food Store

The trip rates used to derive the discount food store development traffic, are summarised alongside the resulting trip generation in **Table 3**.

Trip Rates	AM Peak		PM Peak	
Mode Vehicles	Arrivals	Departures	Arrivals	Departures
Discount Food Store (per 100 sq.m)	0.660	0.321	2.799	3.280
Trip Generation (2,000 sq.m)	14	7	56	66

The WSP TA Scope Addendum proposed that 70% of vehicle trips would be "internal" and generated from within the Omega site, and the other 30% would be "external" and generated elsewhere in the wider area. Considering the proportion of trips for this land use type likely to use the SRN from this land would be low, AECOM applied the same assumptions to derive the food store trip distribution.

The 70% "internal" foodstore trips were distributed equally on all available internal zones, resulting in 14.2% of such trips being assumed to arrive/depart at each 7 no. zones within the modelled Omega development area.

The 30% "external" trips for the foodstore were assumed to arrive depart via the Burtonwood Road roundabout, and therefore zones representing each of the four existing arms of the roundabout were selected and the 25% of the external trips assigned to each of these zones.

The discount food store distribution percentages and the corresponding VISSIM zones are shown in **Table 4** and **Table 5**.

70% of Development Traffic	Attraction %	Zones in VISSIM
	14%	601
	14%	602
	14%	603
Zone 604 in VISSIM (Development Zone)	14%	605
	14%	606
	14%	607
	14%	610

Table 4: Zones in VISSIM utilised to distribute 70% of the Discount Food Store Traffic

#### Table 5: Zones in VISSIM utilised to distribute 30% of the Discount Food Store Development Traffic

30% of Development Traffic	Attraction %	Zones in VISSIM
	25%	13
Zone 604 in VISSIM	25%	14
(Development Zone)	25%	15
	25%	16

#### Hotel and Pub/Restaurant

**Table 6** shows the trip rates/trip generation for the proposed Hotel and Pub/Restaurant development.

#### Table 6: Hotel and Pub/Restaurant Trip Rates and Generation, proposed in WSP TA Scope

Trip Rates	AM Peak		PM	Peak
Mode Vehicles	Arrivals	Departures	Arrivals	Departures
Hotel Pub/Res (per 100 sq.m)	0.302	0.631	1.033	0.474
Trip Generation (2,850 sq.m)	9	18	30	14

The hotel and pub/restaurant trip distribution percentages and the relevant VISSIM zones are shown in **Table 7**.

#### Table 7: Zones in VISSIM utilised to distribute the Hotel and Pub/Restaurant Development Traffic

Location	Attraction %	Zones in VISSIM
M62 East	40%	9
M62 West	20%	1
Westbrook Way (Warrington N)	20%	15
Whittle Avenue (Warrington W)	20%	18

#### Care Home

Table 8 shows the trip rates/trip generation for the proposed Care Home development.

#### Table 8: Care Home Trip Rates Trip Rates and Generation, proposed in WSP TA Scope

Trip Rates	AM Peak		PM P	eak
Mode Vehicles	Arrivals	Departures	Arrivals	Departures
Care Home (per bed)	0.068	0.068	0.083	0.113
Trip Generation (80 beds)	6	6	7	10

**Table 9** indicates the VISSIM zones and the trip distribution percentages which were used todistribute the Care Home development trips.

#### Table 9: Zones in VISSIM utilised to distribute the Hotel and Pub/Restaurant Development Traffic

Location	Attraction %	Zones in VISSIM
Westbrook Way (Warrington N)	50%	15
Whittle Avenue (Warrington W)	50%	18

#### **Omega B1 Trip Off-Setting Trip Generation and Distribution**

In addition to reviewing the trip rates and trip distribution proposed by WSP, AECOM has also undertaken a review of a proposed off-setting analysis proposed by WSP. This review is detailed in a parallel TN produced by AECOM, while the net trip generation "offset" resulting from the replacement

of 55,740sq.m of consented B1 development with 30% B2 and 70% B8 uses is summarised in **Table 10** for reference.

D1 D2/D0 Offert		AM Peak			PM Peak	
B1 – B2/B8 Offset	Arrivals	Departures	Two- Way	Arrivals	Departures	Two - Way
Net Trips	924	41	965	43	684	727

Table 10: Net Trip Reduction from B1 to B2/B8 Land Use Offsetting

**Table 11** indicates the trip reduction percentages from B1 to B2/B8 land use offsetting.

Table 11: Trip Reduction percentages from B1 to B2/B8 Land Use Offsetting

Trips	AM Peak		PM Peak		AM Peak	PM Peak
	Arrivals	Departures	Arrivals	Departures	Two-Way	Two Way
Vehicles	12%	56%	48%	14%	15%	17%

In order to apply the above net trip reduction on the existing VISSIM model, AECOM requested from Atkins detailed information regarding the distribution of traffic of the OMEGA Phase 2 Office development. Atkins provided a TN (dated 27<sup>th</sup> August 2015) and an additional spreadsheet which together describe how the trip distribution for the B1 Office development was derived and which zones were utilised in their VISSIM models. These zones are shown in **Table 12**.

#### Table 12: Zones in VISSIM on which Atkins has applied OMEGA B1 Development Traffic

Origin Zone in VISSIM	Destination Zones in VISSIM
500	1,3,7,8,9,10,11,13,15,17,18,19,20,21

AECOM derived a formula which (was applied) to the original traffic matrices provided by Atkins, to represent the development trip reduction due to the B1 to B2/B8 land use offsetting.

This formula is as follows:

#### ((57.1%\* Original Traffic O/D Value) +

#### (42.9%\*Original Traffic O/D Value\*Net Trip Reduction Percentage))

In addition to updating the traffic matrices to include the above assumptions, AECOM has also applied a traffic profile adjustment to the hourly traffic matrices, based on information provided by Atkins. Atkins' traffic profile is shown in **Table 13**.

<b>Table</b>	13:	Peak	Hour	<b>Traffic</b>	Profile
--------------	-----	------	------	----------------	---------

Start time	AM profile	Start time	PM profile
07:00:00	17.50%	16:00:00	20.99%
07:15:00	20.97%	16:15:00	21.47%
07:30:00	23.99%	16:30:00	23.57%
07:45:00	28.78%	16:45:00	24.19%
08:00:00	26.98%	17:00:00	25.63%
08:15:00	26.71%	17:15:00	25.56%
08:30:00	24.73%	17:30:00	26.13%
08:45:00	21.58%	17:45:00	22.67%
09:00:00	19.41%	18:00:00	22.46%
09:15:00	15.17%	18:15:00	19.12%
09:30:00	13.93%	18:30:00	17.70%
09:45:00	12.95%	18:45:00	14.60%

# Appendix 2

TRICS Data for Employment Trip Rates – Industrial Units

TRICS 7.2.4 250216 B17.31 (C) 2016 TRICS Consortium Ltd	Thursday 10/03/16
1107 Peel Hall, Warrington	Page 1
Highgate Transportation Ltd Park Street Bristol	Licence No: 355901

Calculation Reference: AUDIT-355901-160310-0315

#### TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use	: 02 - EMPLOYMENT
Category	: C - INDUSTRIAL UNIT
MULTI-I	MODAL VEHICLES

<u>Selec</u>	ted reg	ions and areas:	
02	SOUT	H EAST	
	HF	HERTFORDSHIRE	1 days
06	WEST	MIDLANDS	
	WM	WEST MIDLANDS	1 days

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

Filtering Stage 2 selection:

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

Parameter:	Gross floor area
Actual Range:	1800 to 5070 (units: sqm)
Range Selected by User:	1100 to 10000 (units: sqm)

Public Transport Provision: Selection by:

Include all surveys

Date Range: 01/01/07 to 22/10/13

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.

<u>Selected survey days:</u>	
Tuesday	1 days
Thursday	1 days

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

Selected survey types:	
Manual count	2 days
Directional ATC Count	0 days

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

Selected Locations:	
Suburban Area (PPS6 Out of Centre)	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.

<u>Selected Location Sub Categories:</u> Industrial Zone

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.

TRICS 7.2.4 250216 B17.31 1107 Peel Hall, Warrington	(C) 2016 TRICS Consortium Ltd	Thursday 10/03/16 Page 2
Highgate Transportation Ltd P	Park Street Bristol	Licence No: 355901
Filtering Stage 3 sele	ction:	
<u>Use Class:</u> B1	2 days	
	umber of surveys per Use Class classification within the selected set. Turpose, which can be found within the Library module of TRICS®.	The Use Classes Order 2005
Population within 1 mile	·	
10,001 to 15,000	1 days	
25,001 to 50,000	1 days	
This data displays the nu	umber of selected surveys within stated 1-mile radii of population.	
Population within 5 miles	S:	
125,001 to 250,000	2 days	
This data displays the nu	umber of selected surveys within stated 5-mile radii of population.	
Car ownership within 5 r	niles:	
0.6 to 1.0	1 days	
1.1 to 1.5	1 days	
	umber of selected surveys within stated ranges of average cars owned s of selected survey sites.	d per residential dwelling,
<u>Travel Plan:</u> No	2 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.

TRICS 7.2.4 250216 B17.31 (C) 2016 TRICS Consortium Ltd 1107 Peel Hall, Warrington	Thursday 10/03/16 Page 3
Highgate Transportation Ltd Park Street Bristol	Licence No: 355901
LIST OF SITES relevant to selection parameters	
1 HF-02-C-01 INDUSTRIAL UNIT BRIDGE ROAD EAST	HERTFORDSHIRE
WELWYN GARDEN CITY Suburban Area (PPS6 Out of Centre) Industrial Zone Total Gross floor area: 1800 : Survey date: THURSDAY 17/07 WM-02-C-03 INDUSTRIAL GLASS DOWNING STREET	1
SMETHWICK Edge of Town Industrial Zone Total Gross floor area: 5070 = Survey date: TUESDAY 06/11	1

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

#### MANUALLY DESELECTED SITES

Site Ref	Reason for Deselection
BR-02-C-01	No B1c
DC-02-C-07	Not B1c
HE-02-C-01	No B1c
HE-02-C-02	No B1c

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT MULTI-MODAL VEHICLES Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		]	DEPARTURES			TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate
00:00 - 00:30	, , , , , , , , , , , , , , , , ,				-		, <b></b>		
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	2	3435	0.073	2	3435	0.000	2	3435	0.073
07:30 - 08:00	2	3435	0.000	2	3435	0.000	2	3435	0.000
08:00 - 08:30	2	3435	0.058	2	3435	0.058	2	3435	0.116
08:30 - 09:00	2	3435	0.233	2	3435	0.087	2	3435	0.320
09:00 - 09:30	2	3435	0.335	2	3435	0.073	2	3435	0.408
09:30 - 10:00	2	3435	0.116	2	3435	0.044	2	3435	0.160
10:00 - 10:30	2	3435	0.044	2	3435	0.073	2	3435	0.117
10:30 - 11:00	2	3435	0.087	2	3435	0.058	2	3435	0.145
11:00 - 11:30	2	3435	0.073	2	3435	0.073	2	3435	0.146
11:30 - 12:00	2	3435	0.073	2	3435	0.073	2	3435	0.146
12:00 - 12:30	2	3435	0.073	2	3435	0.087	2	3435	0.160
12:30 - 13:00	2	3435	0.044	2	3435	0.044	2	3435	0.088
13:00 - 13:30	2	3435	0.044	2	3435	0.102	2	3435	0.146
13:30 - 14:00	2	3435	0.087	2	3435	0.029	2	3435	0.116
14:00 - 14:30	2	3435	0.087	2	3435	0.058	2	3435	0.145
14:30 - 15:00	2	3435	0.015	2	3435	0.044	2	3435	0.059
15:00 - 15:30	2	3435	0.029	2	3435	0.087	2	3435	0.116
15:30 - 16:00	2	3435	0.116	2	3435	0.044	2	3435	0.160
16:00 - 16:30	2	3435	0.058	2	3435	0.058	2	3435	0.116
16:30 - 17:00	2	3435	0.029	2	3435	0.335	2	3435	0.364
17:00 - 17:30	2	3435	0.029	2	3435	0.087	2	3435	0.116
17:30 - 18:00	2	3435	0.029	2	3435	0.247	2	3435	0.276
18:00 - 18:30	2	3435	0.000	2	3435	0.029	2	3435	0.029
18:30 - 19:00	2	3435	0.000	2	3435	0.015	2	3435	0.015
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:			1.732			1.805			3.537

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.

Parameter summary

Trip rate parameter range selected:	1800 - 5070 (units: sqm)
Survey date date range:	01/01/07 - 22/10/13
Number of weekdays (Monday-Friday):	2
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	4

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT MULTI-MODAL OGVS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		[	DEPARTURES			TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	2	3435	0.000	2	3435	0.000	2	3435	0.000
07:30 - 08:00	2	3435	0.000	2	3435	0.000	2	3435	0.000
08:00 - 08:30	2	3435	0.000	2	3435	0.000	2	3435	0.000
08:30 - 09:00	2	3435	0.029	2	3435	0.029	2	3435	0.038
09:00 - 09:30	2	3435	0.044	2	3435	0.044	2	3435	0.000
09:30 - 10:00	2	3435	0.000	2	3435	0.000	2	3435	0.000
10:00 - 10:30	2	3435	0.029	2	3435	0.000	2	3435	0.029
10:30 - 11:00	2	3435	0.015	2	3435	0.044	2	3435	0.039
11:00 - 11:30	2	3435	0.015	2	3435	0.015	2	3435	0.030
11:30 - 12:00	2	3435	0.015	2	3435	0.015	2	3435	0.030
12:00 - 12:30	2	3435	0.029	2	3435	0.015	2	3435	0.044
12:30 - 12:30	2	3435	0.000	2	3435	0.029	2	3435	0.029
13:00 - 13:30	2	3435	0.015	2	3435	0.000	2	3435	0.013
13:30 - 14:00	2	3435	0.000	2	3435	0.029	2	3435	0.044
14:00 - 14:30	2	3435	0.000	2	3435	0.000	2	3435	0.015
			0.015	2		0.000	2	3435	
14:30 - 15:00	2	3435	0.015		3435	0.015			0.030
15:00 - 15:30	2	3435	0.000	2	3435 3435	0.015	2	3435 3435	0.015
15:30 - 16:00 16:00 - 16:30	2	3435 3435	0.015	2	3435	0.000	2	3435	0.015
16:30 - 17:00	2	3435	0.000	2	3435	0.000	2	3435	
									0.015
17:00 - 17:30	2	3435	0.000	2	3435	0.000	2	3435	0.000
17:30 - 18:00	2	3435	0.000	2	3435	0.000	2	3435	0.000
18:00 - 18:30	2	3435	0.000	2	3435	0.000	2	3435	0.000
18:30 - 19:00	2	3435	0.000	2	3435	0.000	2	3435	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			0.054			0.000			0 5 2 4
Total Rates:			0.251			0.280			0.531

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.

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT MULTI-MODAL CYCLISTS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		[	DEPARTURES			TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate
00:00 - 00:30				2			2		
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	2	3435	0.000	2	3435	0.000	2	3435	0.000
07:30 - 08:00	2	3435	0.000	2	3435	0.000	2	3435	0.000
08:00 - 08:30	2	3435	0.000	2	3435	0.000	2	3435	0.000
08:30 - 09:00	2	3435	0.029	2	3435	0.000	2	3435	0.000
09:00 - 09:30	2	3435	0.027	2	3435	0.000	2	3435	0.000
09:30 - 10:00	2	3435	0.000	2	3435	0.000	2	3435	0.000
10:00 - 10:30	2	3435	0.000	2	3435	0.000	2	3435	0.000
10:30 - 11:00	2	3435	0.000	2	3435	0.000	2	3435	0.000
11:00 - 11:30	2	3435	0.000	2	3435	0.000	2	3435	0.000
11:30 - 12:00	2	3435	0.000	2	3435	0.000	2	3435	0.000
12:00 - 12:30	2	3435	0.000	2	3435	0.000	2	3435	0.000
12:30 - 13:00	2	3435	0.000	2	3435	0.000	2	3435	0.000
13:00 - 13:30	2	3435	0.000	2	3435	0.000	2	3435	0.000
13:30 - 14:00	2	3435	0.000	2	3435	0.000	2	3435	0.015
14:00 - 14:30	2	3435	0.000	2	3435	0.000	2	3435	0.000
14:30 - 15:00	2	3435	0.000	2	3435	0.000	2	3435	0.000
15:00 - 15:30	2	3435	0.000	2	3435	0.000	2	3435	0.000
15:30 - 16:00	2	3435	0.000	2	3435	0.000	2	3435	0.000
16:00 - 16:30	2	3435	0.000	2	3435	0.000	2	3435	0.000
16:30 - 17:00	2	3435	0.000	2	3435	0.000	2	3435	0.000
17:00 - 17:30	2	3435	0.000	2	3435	0.000	2	3435	0.000
17:30 - 18:00	2	3435	0.000	2	3435	0.000	2	3435	0.000
18:00 - 18:30	2	3435	0.000	2	3435	0.029	2	3435	0.029
18:30 - 19:00	2	3435	0.000	2	3435	0.000	2	3435	0.000
19:00 - 19:30	2	5455	0.000	2	5455	0.000	Z	3433	0.000
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:			0.044			0.044			0.088
			0.011			0.011			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.

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT MULTI-MODAL VEHICLE OCCUPANTS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		[	DEPARTURES			TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate
00:00 - 00:30	1			<b>J</b>			<u> </u>		
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	2	3435	0.102	2	3435	0.000	2	3435	0.102
07:30 - 08:00	2	3435	0.102	2	3435	0.000	2	3435	0.102
08:00 - 08:30	2	3435	0.000	2	3435	0.000	2	3435	0.000
08:00 - 08:30	2	3435	0.058	2	3435	0.058	2	3435	
08:30 - 09:00						0.102		3435	0.364
	2	3435	0.364	2	3435		2		0.437
09:30 - 10:00	2	3435	0.131	2	3435	0.044	2	3435	0.175
10:00 - 10:30	2	3435	0.044	2	3435	0.073	2	3435	0.117
10:30 - 11:00	2	3435	0.116	2	3435	0.073	2	3435	0.189
11:00 - 11:30	2	3435	0.087	2	3435	0.087	2	3435	0.174
11:30 - 12:00	2	3435	0.102	2	3435	0.073	2	3435	0.175
12:00 - 12:30	2	3435	0.073	2	3435	0.087	2	3435	0.160
12:30 - 13:00	2	3435	0.058	2	3435	0.058	2	3435	0.116
13:00 - 13:30	2	3435	0.058	2	3435	0.102	2	3435	0.160
13:30 - 14:00	2	3435	0.087	2	3435	0.029	2	3435	0.116
14:00 - 14:30	2	3435	0.087	2	3435	0.058	2	3435	0.145
14:30 - 15:00	2	3435	0.015	2	3435	0.044	2	3435	0.059
15:00 - 15:30	2	3435	0.029	2	3435	0.087	2	3435	0.116
15:30 - 16:00	2	3435	0.131	2	3435	0.058	2	3435	0.189
16:00 - 16:30	2	3435	0.058	2	3435	0.058	2	3435	0.116
16:30 - 17:00	2	3435	0.029	2	3435	0.408	2	3435	0.437
17:00 - 17:30	2	3435	0.029	2	3435	0.102	2	3435	0.131
17:30 - 18:00	2	3435	0.029	2	3435	0.262	2	3435	0.291
18:00 - 18:30	2	3435	0.000	2	3435	0.029	2	3435	0.029
18:30 - 19:00	2	3435	0.000	2	3435	0.015	2	3435	0.015
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:			1.949			1.980			3.929

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.

Thursday 10/03/16 Page 16 Licence No: 355901

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT MULTI-MODAL PEDESTRIANS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		[	DEPARTURES			TOTALS	
-	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate
00:00 - 00:30	2						2		
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	2	3435	0.000	2	3435	0.000	2	3435	0.000
07:30 - 08:00	2	3435	0.000	2	3435	0.000	2	3435	0.000
07:30 - 08:30	2	3435	0.000	2	3435	0.000	2	3435	0.013
08:30 - 09:00	2	3435	0.029	2	3435	0.000	2	3435	0.029
08.30 - 09.00	2	3435	0.029	2	3435	0.000	2	3435	0.029
09:00 - 09:30			0.029			0.000			0.029
	2	3435 3435	0.000	2	3435 3435	0.000	2	3435 3435	0.000
10:00 - 10:30 10:30 - 11:00	2			2			2	3435	
11:00 - 11:30		3435	0.000		3435	0.000			0.000
	2	3435	0.000	2	3435	0.000	2	3435	0.000
11:30 - 12:00	2	3435	0.000	2	3435	0.000	2	3435	0.000
12:00 - 12:30	2	3435	0.000	2	3435	0.015	2	3435	0.015
12:30 - 13:00	2	3435	0.000	2	3435	0.000	2	3435	0.000
13:00 - 13:30	2	3435	0.029	2	3435	0.044	2	3435	0.073
13:30 - 14:00	2	3435	0.015	2	3435	0.029	2	3435	0.044
14:00 - 14:30	2	3435	0.000	2	3435	0.029	2	3435	0.029
14:30 - 15:00	2	3435	0.000	2	3435	0.015	2	3435	0.015
15:00 - 15:30	2	3435	0.000	2	3435	0.000	2	3435	0.000
15:30 - 16:00	2	3435	0.000	2	3435	0.000	2	3435	0.000
16:00 - 16:30	2	3435	0.000	2	3435	0.000	2	3435	0.000
16:30 - 17:00	2	3435	0.000	2	3435	0.000	2	3435	0.000
17:00 - 17:30	2	3435	0.000	2	3435	0.000	2	3435	0.000
17:30 - 18:00	2	3435	0.000	2	3435	0.000	2	3435	0.000
18:00 - 18:30	2	3435	0.000	2	3435	0.000	2	3435	0.000
18:30 - 19:00	2	3435	0.000	2	3435	0.000	2	3435	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:			0.131			0.147			0.278

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.

Thursday 10/03/16 Page 26 Licence No: 355901

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT MULTI-MODAL TOTAL PEOPLE Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$			ARRIVALS		[	DEPARTURES			TOTALS	
Time Range         Days         GFA         Rate         Days         GFA         Ra		No.		Trip				No.		Trip
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	Time Range									
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		2			3			2		
01:00         01:30         02:00         0         0           02:00         02:30         03:00         03:00         03:00         03:00           03:00         03:30         04:00         04:30         04:00         04:30           04:30         05:00         05:00         05:00         05:00         05:00         05:00           05:30         06:00         0         06:00         0         06:00         06:00         06:00         06:00         06:00         02:3435         0.102         2:3435         0.000         2:3435         0.102         07:00         07:30         0:3335         0.000         2:3435         0.102         2:3435         0.015         2:3435         0.102         2:3435         0.015         2:3435         0.102         2:3435         0.102         2:3435         0.102         2:3435         0.102         2:3435         0.102         2:3435         0.102         2:3435         0.102         2:3435         0.102         2:3435         0.102         2:3435         0.102         2:3435         0.102         2:3435         0.102         2:3435         0.102         2:3435         0.116         2:3435         0.117         10:30         2:3435         0.117<										
01:30         02:00         02:30         0         0           02:30         03:00         03:00         03:00         03:00         03:00         03:00         03:00         03:00         03:00         03:00         03:00         03:00         03:00         04:00         03:00         04:00         04:00         04:00         04:00         04:00         04:00         04:00         04:00         04:00         04:00         04:00         04:00         04:00         05:00         05:00         05:00         05:00         05:00         05:00         05:00         05:00         05:00         05:00         00:00         2:3435         0.015         2:3435         0.102         2:3435         0.015         2:3435         0.016         2:3435         0.016         2:3435         0.016         2:3435         0.016         2:3435         0.016         2:3435         0.016         2:3435         0.016         2:3435         0.016         2:3435         0.016         2:3435         0.016         2:3435         0.017         2:3435         0.142         2:3435         0.142         2:3435         0.142         2:3435         0.142         2:3435         0.142         2:3435         0.174         1:30:12:00         2:3435 <td></td>										
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102:30 - 03:30         103:30 - 03:30         103:30 - 03:30         103:30 - 04:00         103:30 - 04:00         103:30 - 04:00         103:30 - 04:00         103:30 - 04:00         103:30 - 04:00         103:30 - 04:00         103:30 - 04:00         103:30 - 04:00         103:30 - 04:00         103:30 - 05:30         103:30 - 05:30         103:30 - 05:30         103:30 - 05:30         103:30 - 05:30         103:30 - 05:30         103:30 - 05:30         103:30 - 07:30         20:3435         0.000         20:3435         0.102         20:3435         0.000         20:3435         0.102         20:3435         0.102         20:3435         0.102         20:3435         0.102         20:3435         0.102         20:3435         0.102         20:3435         0.102         20:3435         0.102         20:3435         0.102         20:3435         0.102         20:3435         0.102         20:3435         0.102         20:3435         0.117         20:3435         0.117         20:3435         0.117         20:3435         0.117         20:3435         0.117         20:3435         0.117         20:3435         0.117         20:3435         0.117         20:3435         0.117         20:3435         0.117         20:3435         0.117         20:3435         0.117         20:3435         0.117         20:3435										
03:00 - 03:30         04:00         04:30         04:00         04:30           04:30 - 04:00         04:00 - 04:30         0         04:00 - 04:30         0         0           05:00 - 05:30         0         0         0         0         0         0           05:00 - 06:30         0         0         0         0         0         0           06:30 - 07:00         0         2         3435         0.000         2         3435         0.102         2         3435         0.1015         2         3435         0.102         0         3435         0.102         2         3435         0.102         2         3435         0.102         2         3435         0.102         2         3435         0.142         0         0         0         0         0         0         0         0         0         0         0         0         0         2         3435         0.142         0										
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17:00 - 17:30       2       3435       0.029       2       3435       0.116       2       3435       0.145         17:30 - 18:00       2       3435       0.029       2       3435       0.291       2       3435       0.320         18:00 - 18:30       2       3435       0.000       2       3435       0.029       2       3435       0.029         18:00 - 18:30       2       3435       0.000       2       3435       0.029       2       3435       0.029         18:30 - 19:00       2       3435       0.000       2       3435       0.015       2       3435       0.029         19:00 - 19:30       2       3435       0.000       2       3435       0.015       2       3435       0.015         19:00 - 20:30       2       2       3435       0.000       2       3435       0.015       2       3435       0.015         20:00 - 20:30       2										
17:30 - 18:00       2       3435       0.029       2       3435       0.291       2       3435       0.320         18:00 - 18:30       2       3435       0.000       2       3435       0.029       2       3435       0.029         18:30 - 19:00       2       3435       0.000       2       3435       0.015       2       3435       0.029         18:30 - 19:00       2       3435       0.000       2       3435       0.015       2       3435       0.015         19:00 - 19:30	16:30 - 17:00						0.408	2		0.437
18:00 - 18:30       2       3435       0.000       2       3435       0.029       2       3435       0.029         18:30 - 19:00       2       3435       0.000       2       3435       0.015       2       3435       0.015         19:00 - 19:30						3435				0.145
18:30 - 19:00       2       3435       0.000       2       3435       0.015       2       3435       0.015         19:00 - 19:30 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.320</td>										0.320
19:00 - 19:30       Image: constraint of the second s										0.029
19:30 - 20:00 </td <td>18:30 - 19:00</td> <td>2</td> <td>3435</td> <td>0.000</td> <td>2</td> <td>3435</td> <td>0.015</td> <td>2</td> <td>3435</td> <td>0.015</td>	18:30 - 19:00	2	3435	0.000	2	3435	0.015	2	3435	0.015
20:00 - 20:30	19:00 - 19:30									
20:30 - 21:00 </td <td></td>										
21:00 - 21:30										
21:30 - 22:00 </td <td>20:30 - 21:00</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	20:30 - 21:00									
21:30 - 22:00 </td <td>21:00 - 21:30</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	21:00 - 21:30									
22:00 - 22:30	21:30 - 22:00									
23:00 - 23:30										
23:00 - 23:30	22:30 - 23:00									
23:30 - 24:00										
Liotal Rates: 2.123 2.183 4.306	Total Rates:			2.123			2.183			4.306

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.

# Appendix 3

TRICS Data for Employment Trip Rates – Industrial Estates

TRICS 7.2.4 250216 B17.31	(C) 2016 TRICS Consortium Ltd	Thursday 10/03/16
1107 Peel Hall, Warrington	n	Page 1
Highgate Transportation Ltd	Park Street Bristol	Licence No: 355901

Calculation Reference: AUDIT-355901-160310-0318

#### TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT Category : D - INDUSTRIAL ESTATE MULTI-MODAL VEHICLES

<u>Selec</u>	ted reg	ions and areas:	
02	SOUT	HEAST	
	ES	EAST SUSSEX	1 days
04	EAST	ANGLIA	
	CA	CAMBRIDGESHIRE	3 days

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

Filtering Stage 2 selection:

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

Parameter:	Gross floor area
Actual Range:	4133 to 6625 (units: sqm)
Range Selected by User:	1758 to 10000 (units: sqm)

Public Transport Provision: Selection by:

Include all surveys

Date Range: 01/01/07 to 02/12/14

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:	
Tuesday	2 days
Thursday	2 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 undertaking using machines.

<u>Selected Locations:</u> Suburban Area (PPS6 Out of Centre)

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.

4

2 2

<u>Selected Location Sub Categories:</u> Industrial Zone No Sub Category

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.

CS 7.2.4 250216 B17.31 (C) 2016 T	FRICS Consortium Ltd	Thursday 10/03/16
07 Peel Hall, Warrington		Page 2
hgate Transportation Ltd Park Street	Bristol	Licence No: 355901
Filtering Stage 2 coloction		
Filtering Stage 3 selection:		
Use Class:		
B1	3 days	d set. The Lise Classes Order 2005
This data displays the number of su	3 days rveys per Use Class classification within the selected ich can be found within the Library module of TRIC	
This data displays the number of su has been used for this purpose, whi	rveys per Use Class classification within the selected	
This data displays the number of su	rveys per Use Class classification within the selected	
This data displays the number of su has been used for this purpose, whi Population within 1 mile:	rveys per Use Class classification within the selecter ich can be found within the Library module of TRIC:	

Population within 5 miles:	
125,001 to 250,000	3 days
250,001 to 500,000	1 days

This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:

0.6 to 1.0	1 days
1.1 to 1.5	2 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:

No

4 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.

1107 Peel H	250216 B17.31 (C) 2016 TRICS Consort all, Warrington	ium Ltd		Thursday 10/03/16 Page 3
Highgate Trar	sportation Ltd Park Street Bristol			Licence No: 355901
LIST	OF SITES relevant to selection parameters			
1	CA-02-D-01 IND. ESTATE STURROCK WAY BRETTON PETERBOROUGH Suburban Area (PPS6 Out of Centre) Industrial Zone		CAMBRIDGESHIRE	
2	Total Gross floor area: Survey date: TUESDAY CA-02-D-03 IND. ESTATE SAVILLE ROAD	4300 sqm 13/05/08	Survey Type: MANUAL CAMBRIDGESHIRE	
	WESTWOOD PETERBOROUGH Suburban Area (PPS6 Out of Centre) No Sub Category			
3	Total Gross floor area: Survey date: THURSDAY CA-02-D-04 INDUSTRIAL ESTA LINCOLN ROAD	4425 sqm 22/10/09 TE	Survey Type: MANUAL CAMBRIDGESHIRE	
4	PETERBOROUGH Suburban Area (PPS6 Out of Centre) No Sub Category Total Gross floor area: Survey date: TUESDAY ES-02-D-07 INDUSTRIAL ESTAT HUGHES ROAD	4133 sqm 02/12/14 TE	Survey Type: MANUAL EAST SUSSEX	
	BRIGHTON Suburban Area (PPS6 Out of Centre) Industrial Zone Total Gross floor area: Survey date: THURSDAY	6625 sqm 16/10/14	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.

## MANUALLY DESELECTED SITES

Site Ref	Reason for Deselection
BR-02-D-02	Not B1c
BR-02-D-03	Not B1c
CA-02-D-02	Low on B1c
CW-02-D-02	Low on B1c
ES-02-D-06	Low on B1c
HE-02-D-02	Low on B1c
MS-02-D-06	Not B1c

TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE MULTI-MODAL VEHICLES

Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS			DEPARTURES			TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	4	4071	0.175	4	4071	0.041	4	4071	0.01/
07:30 - 07:30	4	<u>4871</u> 4871	0.175	4	4871	0.041	4	<u>4871</u> 4871	0.216
	4		0.513	-	4871	0.123	4		0.636
08:00 - 08:30	4	4871	0.488	4	4871	0.252	4	4871	0.740
08:30 - 09:00	4	4871	0.431	4	4871	0.262	4	4871	0.693
09:00 - 09:30	4	4871	0.354	4	4871	0.272	4	4871	0.626
09:30 - 10:00	4	4871	0.395	4	4871	0.293	4	4871	0.688
10:00 - 10:30	4	4871	0.359	4	4871	0.334	4	4871	0.693
10:30 - 11:00	4	4871	0.318	4	4871	0.359	4	4871	0.677
11:00 - 11:30	4	4871	0.364	4	4871	0.323	4	4871	0.687
11:30 - 12:00	4	4871	0.293	4	4871	0.349	4	4871	0.642
12:00 - 12:30	4	4871	0.318	4	4871	0.364	4	4871	0.682
12:30 - 13:00	4	4871	0.380	4	4871	0.328	4	4871	0.708
13:00 - 13:30	4	4871	0.298	4	4871	0.328	4	4871	0.626
13:30 - 14:00	4	4871	0.246	4	4871	0.221	4	4871	0.467
14:00 - 14:30	4	4871	0.267	4	4871	0.216	4	4871	0.483
14:30 - 15:00	4	4871	0.287	4	4871	0.308	4	4871	0.595
15:00 - 15:30	4	4871	0.282	4	4871	0.462	4	4871	0.744
15:30 - 16:00	4	4871	0.267	4	4871	0.298	4	4871	0.565
16:00 - 16:30	4	4871	0.221	4	4871	0.298	4	4871	0.519
16:30 - 17:00	4	4871	0.252	4	4871	0.370	4	4871	0.622
17:00 - 17:30	4	4871	0.185	4	4871	0.364	4	4871	0.549
17:30 - 18:00	4	4871	0.077	4	4871	0.257	4	4871	0.334
18:00 - 18:30	4	4871	0.067	4	4871	0.216	4	4871	0.283
18:30 - 19:00	4	4871	0.031	4	4871	0.056	4	4871	0.087
19:00 - 19:30			0.001		1077	2.000		1071	0.007
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									40 5 4
Total Rates:			6.868			6.694			13.562

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.

Parameter summary

Trip rate parameter range selected:	4133 - 6625 (units: sqm)
Survey date date range:	01/01/07 - 02/12/14
Number of weekdays (Monday-Friday):	4
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	9

# TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE MULTI-MODAL TAXIS Calculation factor: 100 sgm

BOLD print indicates peak (busiest) period

		ARRIVALS		[	DEPARTURES			TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	4	4871	0.000	4	4871	0.000	4	4871	0.000
07:30 - 08:00	4	4871	0.010	4	4871	0.000	4	4871	0.010
08:00 - 08:30	4	4871	0.015	4	4871	0.010	4	4871	0.025
08:30 - 09:00	4	4871	0.005	4	4871	0.005	4	4871	0.010
09:00 - 09:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
09:30 - 10:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
10:00 - 10:30	4	4871	0.005	4	4871	0.000	4	4871	0.005
10:30 - 11:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
11:00 - 11:30	4	4871	0.000	4	4871	0.010	4	4871	0.010
11:30 - 12:00	4	4871	0.000	4	4871	0.010	4	4871	0.010
12:00 - 12:30	4	4871	0.021	4	4871	0.000	4	4871	0.021
12:30 - 13:00	4	4871	0.000	4	4871	0.005	4	4871	0.005
13:00 - 13:30	4	4871	0.000	4	4871	0.015	4	4871	0.015
13:30 - 14:00	4	4871	0.005	4	4871	0.000	4	4871	0.005
14:00 - 14:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
14:30 - 15:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
15:00 - 15:30	4	4871	0.015	4	4871	0.005	4	4871	0.020
15:30 - 16:00	4	4871	0.005	4	4871	0.015	4	4871	0.020
16:00 - 16:30	4	4871	0.010	4	4871	0.005	4	4871	0.015
16:30 - 17:00	4	4871	0.005	4	4871	0.010	4	4871	0.015
17:00 - 17:30	4	4871	0.015	4	4871	0.010	4	4871	0.025
17:30 - 18:00	4	4871	0.000	4	4871	0.010	4	4871	0.010
18:00 - 18:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
18:30 - 19:00	4	4871	0.010	4	4871	0.010	4	4871	0.020
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									

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.

#### TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE MULTI-MODAL OGVS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		[	DEPARTURES	,		TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate
00:00 - 00:30				-			2		
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	4	4871	0.005	4	4871	0.005	4	4871	0.010
07:30 - 08:00	4	4871	0.003	4	4871	0.005	4	4871	0.010
08:00 - 08:30	4	4871	0.021	4	4871	0.005	4	4871	0.020
08:30 - 09:00	4	4871	0.031	4	4871	0.028	4	4871	0.057
09:00 - 09:30	4	4871	0.036	4	4871	0.031	4	4871	0.087
09:30 - 10:00		4871	0.036	4	4871	0.041		4871	0.077
10:00 - 10:00	4	4871	0.046	4	4871	0.036	4	4871	0.082
10:30 - 11:00	4	4871	0.026	4	4871	0.062	4	4871	0.088
11:00 - 11:30	4	4871	0.036	4	4871	0.026	4	4871	0.062
11:30 - 12:00	4	4871	0.015	4	4871	0.021	4	4871	0.036
12:00 - 12:30	4	4871	0.015	4	4871	0.021	4	4871	0.036
12:30 - 13:00	4	4871	0.026	4	4871	0.015	4	4871	0.041
13:00 - 13:30	4	4871	0.015	4	4871	0.015	4	4871	0.030
13:30 - 14:00	4	4871	0.015	4	4871	0.010	4	4871	0.025
14:00 - 14:30	4	4871	0.026	4	4871	0.010	4	4871	0.036
14:30 - 15:00	4	4871	0.010	4	4871	0.026	4	4871	0.036
15:00 - 15:30	4	4871	0.026	4	4871	0.036	4	4871	0.062
15:30 - 16:00	4	4871	0.015	4	4871	0.026	4	4871	0.041
16:00 - 16:30	4	4871	0.000	4	4871	0.010	4	4871	0.010
16:30 - 17:00	4	4871	0.026	4	4871	0.021	4	4871	0.047
17:00 - 17:30	4	4871	0.015	4	4871	0.015	4	4871	0.030
17:30 - 18:00	4	4871	0.010	4	4871	0.010	4	4871	0.020
18:00 - 18:30	4	4871	0.005	4	4871	0.015	4	4871	0.020
18:30 - 19:00	4	4871	0.000	4	4871	0.005	4	4871	0.005
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:			0.502			0.519			1.021

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.

#### TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE MULTI-MODAL PSVS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		[	DEPARTURES			TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate
00:00 - 00:30				3					
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 - 07:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
07:30 - 07:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
	4	4871							
08:00 - 08:30			0.000	4	4871	0.000	4	4871	0.000
08:30 - 09:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
09:00 - 09:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
09:30 - 10:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
10:00 - 10:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
10:30 - 11:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
11:00 - 11:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
11:30 - 12:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
12:00 - 12:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
12:30 - 13:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
13:00 - 13:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
13:30 - 14:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
14:00 - 14:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
14:30 - 15:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
15:00 - 15:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
15:30 - 16:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
16:00 - 16:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
16:30 - 17:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
17:00 - 17:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
17:30 - 18:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
18:00 - 18:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
18:30 - 19:00	4	4871	0.000	4	4871	0.000	4	4871	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:			0.000			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.

### TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE MULTI-MODAL CYCLISTS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		[	DEPARTURES	5		TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	4	4871	0.000	4	4871	0.000	4	4871	0.000
07:30 - 08:00	4	4871	0.015	4	4871	0.000	4	4871	0.015
08:00 - 08:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
08:30 - 09:00	4	4871	0.010	4	4871	0.005	4	4871	0.015
09:00 - 09:30	4	4871	0.005	4	4871	0.000	4	4871	0.005
09:30 - 10:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
10:00 - 10:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
10:30 - 11:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
11:00 - 11:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
11:30 - 12:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
12:00 - 12:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
12:30 - 13:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
13:00 - 13:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
13:30 - 14:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
14:00 - 14:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
14:30 - 15:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
15:00 - 15:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
15:30 - 16:00	4	4871	0.010	4	4871	0.010	4	4871	0.020
16:00 - 16:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
16:30 - 17:00	4	4871	0.000	4	4871	0.005	4	4871	0.005
17:00 - 17:30		4871	0.000	4	4871	0.005		4871	0.005
	4		0.010				4		
17:30 - 18:00 18:00 - 18:30	4	4871	0.000	4	4871	0.005	4	4871	0.005
18:00 - 18:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
	4	4871	0.000	4	4871	0.000	4	4871	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:			0.050			0.060			0.110

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.

Thursday 10/03/16 Page 14 Licence No: 355901

### TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE MULTI-MODAL VEHICLE OCCUPANTS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		[	DEPARTURES			TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	4	4871	0.205	4	4871	0.051	4	4871	0.256
07:30 - 08:00	4	4871	0.606	4	4871	0.051	4	4871	0.230
08:00 - 08:30	4	4871	0.595	4	4871	0.139	4	4871	0.783
08:30 - 09:00	4	4871	0.503	4	4871	0.273	4	4871	0.831
09:00 - 09:30	4	4871	0.303	4	4871	0.328	4	4871	0.831
09:30 - 10:00	4	4871	0.410	4	4871	0.334	4	4871	0.775
10:00 - 10:30	4	4871	0.482	4	4871	0.334	4	4871	0.870
10:30 - 11:00	4	4871	0.400	4	4871	0.411	4	4871	0.836
11:00 - 11:30	4	4871	0.452	4	4871	0.430	4	4871	0.893
11:30 - 12:00	4	4871	0.354	4	4871	0.411	4	4871	0.765
12:00 - 12:30	4	4871	0.359	4	4871	0.411	4	4871	0.705
12:30 - 13:00	4	4871	0.462	4	4871	0.410	4	4871	0.821
13:00 - 13:30	4	4871	0.402	4	4871	0.380	4	4871	0.755
13:30 - 14:00	4	4871	0.303	4	4871	0.300	4	4871	0.735
14:00 - 14:30	4	4871	0.303	4	4871	0.272	4	4871	0.565
14:30 - 15:00	4	4871	0.313	4	4871	0.232	4	4871	0.303
15:00 - 15:30	4	4871	0.318	4	4871	0.616	4	4871	0.934
15:30 - 16:00	4	4871	0.318	4	4871	0.390	4	4871	0.718
16:00 - 16:30	4	4871	0.328	4	4871	0.359	4	4871	0.636
16:30 - 17:00	4	4871	0.277	4	4871	0.337	4	4871	0.030
17:00 - 17:30	4	4871	0.273	4	4871	0.441	4	4871	0.734
17:30 - 17:30	4	4871	0.282	4	4871 4871	0.488	4	4871	0.770
18:00 - 18:00	4	4871	0.139	4	4871	0.334	4	4871	0.473
18:30 - 19:00	4	4871	0.092	4	4871	0.257	4	4871	0.349
19:00 - 19:30	4	4071	0.031	4	4071	0.002	4	4071	0.073
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:			0.220			0.004			16 564
Total Rates:			8.330			8.234			16.564

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

## TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE MULTI-MODAL PEDESTRIANS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		[	DEPARTURES			TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate
00:00 - 00:30	2			2			<u> </u>		
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	4	4871	0.000	4	4871	0.000	4	4871	0.000
07:30 - 08:00	4	4871	0.031	4	4871	0.026	4	4871	0.057
08:00 - 08:30	4	4871	0.082	4	4871	0.010	4	4871	0.092
08:30 - 09:00	4	4871	0.021	4	4871	0.010	4	4871	0.031
09:00 - 09:30	4	4871	0.010	4	4871	0.026	4	4871	0.036
09:30 - 10:00	4	4871	0.015	4	4871	0.015	4	4871	0.030
10:00 - 10:30	4	4871	0.005	4	4871	0.015	4	4871	0.020
10:30 - 11:00	4	4871	0.010	4	4871	0.000	4	4871	0.010
11:00 - 11:30	4	4871	0.010	4	4871	0.010	4	4871	0.020
11:30 - 12:00	4	4871	0.010	4	4871	0.005	4	4871	0.015
12:00 - 12:30	4	4871	0.031	4	4871	0.031	4	4871	0.062
12:30 - 13:00	4	4871	0.036	4	4871	0.026	4	4871	0.062
13:00 - 13:30	4	4871	0.026	4	4871	0.015	4	4871	0.041
13:30 - 14:00	4	4871	0.015	4	4871	0.026	4	4871	0.041
14:00 - 14:30	4	4871	0.010	4	4871	0.005	4	4871	0.015
14:30 - 15:00	4	4871	0.005	4	4871	0.005	4	4871	0.010
15:00 - 15:30	4	4871	0.021	4	4871	0.000	4	4871	0.021
15:30 - 16:00	4	4871	0.005	4	4871	0.021	4	4871	0.026
16:00 - 16:30	4	4871	0.026	4	4871	0.021	4	4871	0.047
16:30 - 17:00	4	4871	0.021	4	4871	0.015	4	4871	0.036
17:00 - 17:30	4	4871	0.005	4	4871	0.077	4	4871	0.082
17:30 - 18:00	4	4871	0.000	4	4871	0.010	4	4871	0.010
18:00 - 18:30	4	4871	0.005	4	4871	0.000	4	4871	0.005
18:30 - 19:00	4	4871	0.005	4	4871	0.000	4	4871	0.005
19:00 - 19:30			5.000		10/1	5.000		1077	
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:			0.405			0.369			0.774
Fotur Rates.			0.403			0.007			0.774

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.

#### TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE MULTI-MODAL BUS/TRAM PASSENGERS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		]	DEPARTURES	5		TOTALS	
-	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate
00:00 - 00:30	, <b></b>	-						_	
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
02:30 - 03:30									
03:30 - 03:30									
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	4	4871	0.015	4	4871	0.000	4	4871	0.015
07:30 - 08:00	4	4871	0.021	4	4871	0.000	4	4871	0.021
08:00 - 08:30	4	4871	0.036	4	4871	0.000	4	4871	0.036
08:30 - 09:00	4	4871	0.021	4	4871	0.000	4	4871	0.021
09:00 - 09:30	4	4871	0.015	4	4871	0.000	4	4871	0.015
09:30 - 10:00	4	4871	0.015	4	4871	0.000	4	4871	0.015
10:00 - 10:30	4	4871	0.005	4	4871	0.000	4	4871	0.005
10:30 - 11:00	4	4871	0.000	4	4871	0.005	4	4871	0.005
11:00 - 11:30	4	4871	0.000	4	4871	0.005	4	4871	0.005
11:30 - 12:00	4	4871	0.005	4	4871	0.000	4	4871	0.005
12:00 - 12:30	4	4871	0.010	4	4871	0.000	4	4871	0.010
12:30 - 13:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
13:00 - 13:30	4	4871	0.005	4	4871	0.010	4	4871	0.000
13:30 - 14:00	4	4871	0.005	4	4871	0.000	4	4871	0.005
14:00 - 14:30	4	4871	0.000	4	4871	0.000	4	4871	0.003
14:30 - 15:00	4	4871	0.000	4	4871	0.005	4	4871	0.010
15:00 - 15:30	4	4871	0.000	4	4871	0.005	4	4871	0.003
15:30 - 16:00			0.005						
	4	4871		4	4871	0.010	4	4871	0.010
16:00 - 16:30	4	4871	0.000	4	4871	0.015	4	4871	0.015
16:30 - 17:00	4	4871	0.000	4	4871	0.015	4	4871	0.015
17:00 - 17:30	4	4871	0.000	4	4871	0.041	4	4871	0.041
17:30 - 18:00	4	4871	0.000	4	4871	0.021	4	4871	0.021
18:00 - 18:30	4	4871	0.000	4	4871	0.010	4	4871	0.010
18:30 - 19:00	4	4871	0.000	4	4871	0.005	4	4871	0.005
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:			0.158			0.157			0.315
Total Nates.			0.100			0.157			0.010

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.

#### TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE MULTI-MODAL TOTAL RAIL PASSENGERS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		[	DEPARTURES	5		TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	4	4871	0.000	4	4871	0.000	4	4871	0.000
07:30 - 08:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
08:00 - 08:30	4	4871	0.005	4	4871	0.000	4	4871	0.005
08:30 - 09:00	4	4871	0.005	4	4871	0.000	4	4871	0.005
09:00 - 09:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
09:30 - 10:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
10:00 - 10:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
10:30 - 11:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
11:00 - 11:30	4	4871	0.005	4	4871	0.000	4	4871	0.005
11:30 - 12:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
12:00 - 12:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
12:30 - 13:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
13:00 - 13:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
13:30 - 14:00	4	4871	0.000	4	4871	0.005	4	4871	0.005
14:00 - 14:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
14:30 - 15:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
15:00 - 15:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
15:30 - 16:00	4	4871	0.000	4	4871	0.005	4	4871	0.005
16:00 - 16:30	4	4871	0.000	4	4871	0.010	4	4871	0.010
16:30 - 17:00	4	4871	0.000	4	4871	0.005	4	4871	0.005
17:00 - 17:30	4	4871	0.000	4	4871	0.010	4	4871	0.010
17:30 - 18:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
18:00 - 18:30	4	4871	0.000	4	4871	0.005	4	4871	0.005
18:30 - 19:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
19:00 - 19:30		1071	5.000		10/1	0.000	т	1071	
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:			0.035			0.040			0.075
			5.000			5.5.5			5.0.0

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.

#### TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE MULTI-MODAL PUBLIC TRANSPORT USERS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		[	DEPARTURES			TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	4	4871	0.015	4	4871	0.000	4	4871	0.015
07:30 - 08:00	4	4871	0.015	4	4871	0.000	4	4871	0.015
08:00 - 08:30	4	4871	0.020	4	4871	0.000	4	4871	0.020
08:30 - 09:00	4	4871	0.041	4	4871	0.000	4	4871	0.041
09:00 - 09:30	4	4871	0.020	4	4871	0.000	4	4871	0.020
09:30 - 10:00	4	4871	0.013	4	4871	0.000	4	4871	0.013
10:00 - 10:30	4	4871	0.005	4	4871	0.000	4	4871	0.005
10:30 - 11:00	4	4871	0.000	4	4871	0.005	4	4871	0.005
11:00 - 11:30	4	4871	0.005	4	4871	0.005	4	4871	0.000
11:30 - 12:00	4	4871	0.005	4	4871	0.000	4	4871	0.005
12:00 - 12:30	4	4871	0.000	4	4871	0.000	4	4871	0.003
12:30 - 13:00	4	4871	0.000	4	4871	0.000	4	4871	0.000
13:00 - 13:30	4	4871	0.005	4	4871	0.000	4	4871	0.000
13:30 - 14:00	4	4871	0.005	4	4871	0.005	4	4871	0.010
14:00 - 14:30	4	4871	0.000	4	4871	0.003	4	4871	0.010
14:30 - 15:00	4	4871	0.000	4	4871	0.005	4	4871	0.005
15:00 - 15:30	4	4871	0.005	4	4871	0.005	4	4871	0.000
15:30 - 16:00	4	4871	0.000	4	4871	0.005	4	4871	0.015
16:00 - 16:30	4	4871	0.000	4	4871	0.013	4	4871	0.015
16:30 - 17:00	4	4871	0.000	4	4871	0.020	4	4871	0.020
17:00 - 17:30	4	4871	0.000	4	4871	0.021	4	4871	0.021
17:30 - 18:00	4	4871	0.000	4	4871	0.031	4	4871	
18:00 - 18:30	4	4871	0.000	4	4871	0.021	4	4871	0.021
18:30 - 19:00	4	4871	0.000	4	4871	0.015	4	4871	0.015
19:00 - 19:30	4	4071	0.000	4	4071	0.005	4	4071	0.005
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:			0.194			0.199			0.393
			0.174			0.177			0.373

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.

### TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE MULTI-MODAL TOTAL PEOPLE Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		[	DEPARTURES			TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	4	4871	0.221	4	4871	0.051	4	4871	0.272
07:30 - 08:00	4	4871	0.678	4	4871	0.185	4	4871	0.863
08:00 - 08:30	4	4871	0.719	4	4871	0.303	4	4871	1.022
08:30 - 09:00	4	4871	0.559	4	4871	0.344	4	4871	0.903
09:00 - 09:30	4	4871	0.447	4	4871	0.385	4	4871	0.832
09:30 - 10:00	4	4871	0.529	4	4871	0.349	4	4871	0.878
10:00 - 10:30	4	4871	0.421	4	4871	0.426	4	4871	0.847
10:30 - 11:00	4	4871	0.411	4	4871	0.441	4	4871	0.852
11:00 - 11:30	4	4871	0.467	4	4871	0.457	4	4871	0.924
11:30 - 12:00	4	4871	0.370	4	4871	0.416	4	4871	0.786
12:00 - 12:30	4	4871	0.400	4	4871	0.447	4	4871	0.847
12:30 - 13:00	4	4871	0.498	4	4871	0.385	4	4871	0.883
13:00 - 13:30	4	4871	0.470	4	4871	0.305	4	4871	0.821
13:30 - 14:00	4	4871	0.323	4	4871	0.303	4	4871	0.626
14:00 - 14:30	4	4871	0.323	4	4871	0.303	4	4871	0.590
14:30 - 15:00	4	4871	0.323	4	4871	0.395	4	4871	0.734
15:00 - 15:30	4	4871	0.354	4	4871	0.631	4	4871	0.985
15:30 - 16:00	4	4871	0.334	4	4871	0.436	4	4871	0.770
16:00 - 16:30	4	4871	0.303	4	4871	0.405	4	4871	0.708
16:30 - 17:00	4	4871	0.303	4	4871	0.403	4	4871	0.705
17:00 - 17:30	4	4871	0.298	4	4871	0.482	4	4871	0.929
17:30 - 18:00	4	4871	0.298	4	4871	0.031	4	4871	0.929
18:00 - 18:30	4	4871	0.139	4	4871	0.370	4	4871	0.370
18:30 - 19:00	4	4871	0.098	4	4871	0.272	4	4871	0.370
	4	40/1	0.030	4	40/1	0.007	4	40/1	0.103
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			0.005						17.040
Total Rates:			8.985			8.864			17.849

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

# Appendix 4

TRICS Data for Neighbourhood Centre Trip Rates – Food Store

TRICS 7.2.4 250216 B17.31	(C) 2016 TRICS Consortium Ltd	Friday 11/03/16
1107 Peel Hall, Warringto	n	Page 1
Highgate Transportation Ltd	Park Street Bristol	Licence No: 355901

Calculation Reference: AUDIT-355901-160311-0301

#### TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 01 - RETAIL : C - DISCOUNT FOOD STORES Category MUĽTÍ-MODAL VEHICLES

Selec	ted regions and areas:	
05	EAST MIDLANDS	
	NR NORTHAMPTONSHIRE	1 days
06	WEST MIDLANDS	
	SH SHROPSHIRE	1 days
08	NORTH WEST	
	MS MERSEYSIDE	2 days

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

Filtering Stage 2 selection:

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

Parameter:	Gross floor area
Actual Range:	1165 to 1900 (units: sqm)
Range Selected by User:	1165 to 1900 (units: sqm)

Public Transport Provision: Selection by:

Include all surveys

Date Range: 01/01/07 to 27/11/12

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	1 days
Wednesday	2 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 undertaking using machines.

Selected Locations:	
Suburban Area (PPS6 Out of Centre)	2
Edge of Town	1
Neighbourhood Centre (PPS6 Local Centre)	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:	
Industrial Zone	1
Residential Zone	2
No Sub Category	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.

TRICS 7.2.4 250216 B17.31 (C) 2016 TRICS Consortion 1107 Peel Hall, Warrington	um Ltd	Friday 11/03/16 Page 2
Highgate Transportation Ltd Park Street Bristol		Licence No: 355901
Filtering Stage 3 selection:		
Use Class: A1	4 days	
This data displays the number of surveys per Use has been used for this purpose, which can be four	Class classification within the selected set. The Use Classed within the Library module of $TRICS^{\textcircled{B}}$ .	es Order 2005
Population within 1 mile:		
10,001 to 15,000	2 days	
25,001 to 50,000	2 days	
This data displays the number of selected surveys	within stated 1-mile radii of population.	
Population within 5 miles:		
50,001 to 75,000	1 days	
100,001 to 125,000	1 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	2 days	
1.1 to 1.5	2 days	
This data displays the number of selected surveys within a radius of 5-miles of selected survey sites.	within stated ranges of average cars owned per resident	al dwelling,
Petrol filling station:		
Included in the survey count	0 days	
Excluded from count or no filling station	4 days	
This data displays the number of surveys within th of surveys that do not.	e selected set that include petrol filling station activity, a	nd the number
Travel Plan:		
No	4 days	

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

LIST OF SITES relevant to selection parameters

1	MS-01-C-02 ALDI SMITHDOWN ROAD WAVERTREE LIVERPOOL		MERSEYSIDE
2	Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Gross floor area: Survey date: MONDAY MS-01-C-03 ALDI LAUREL ROAD ELM PARK LIVERPOOL	1200 sqm 18/06/07	Survey Type: MANUAL MERSEYSIDE
3	Suburban Area (PPS6 Out of Centre) Residential Zone Total Gross floor area: Survey date: WEDNESDAY NR-01-C-01 ALDI DALTON ROAD	1165 sqm 20/06/07	Survey Type: MANUAL NORTHAMPTONSHIRE
4	CORBY Edge of Town Industrial Zone Total Gross floor area: Survey date: WEDNESDAY SH-01-C-01 LIDL CASTLE STREET HADLEY TELFORD	1345 sqm 19/11/08	Survey Type: MANUAL SHROPSHIRE
	Suburban Area (PPS6 Out of Centre) No Sub Category Total Gross floor area: Survey date: TUESDAY	1900 sqm 16/06/09	Survey Type: MANUAL

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES MULTI-MODAL VEHICLES Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS		DEPARTURES			TOTALS			
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	2	1550	0.161	2	1550	0.097	2	1550	0.258
08:00 - 09:00	4	1403	0.660	4	1403	0.321	4	1403	0.981
09:00 - 10:00	4	1403	2.175	4	1403	1.533	4	1403	3.708
10:00 - 11:00	4	1403	3.369	4	1403	3.298	4	1403	6.667
11:00 - 12:00	4	1403	3.280	4	1403	3.173	4	1403	6.453
12:00 - 13:00	4	1403	3.547	4	1403	3.529	4	1403	7.076
13:00 - 14:00	4	1403	3.725	4	1403	3.369	4	1403	7.094
14:00 - 15:00	4	1403	3.690	4	1403	3.512	4	1403	7.202
15:00 - 16:00	4	1403	3.547	4	1403	3.815	4	1403	7.362
16:00 - 17:00	4	1403	3.226	4	1403	3.476	4	1403	6.702
17:00 - 18:00	4	1403	2.799	4	1403	3.280	4	1403	6.079
18:00 - 19:00	4	1403	2.389	4	1403	2.745	4	1403	5.134
19:00 - 20:00	4	1403	0.891	4	1403	1.301	4	1403	2.192
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			33.459			33.449			66.908

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:	1165 - 1900 (units: sqm)
Survey date date range:	01/01/07 - 27/11/12
Number of weekdays (Monday-Friday):	4
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

#### TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES MULTI-MODAL TAXIS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		[	DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	2	1550	0.000	2	1550	0.000	2	1550	0.000
08:00 - 09:00	4	1403	0.018	4	1403	0.018	4	1403	0.036
09:00 - 10:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
10:00 - 11:00	4	1403	0.036	4	1403	0.036	4	1403	0.072
11:00 - 12:00	4	1403	0.053	4	1403	0.053	4	1403	0.106
12:00 - 13:00	4	1403	0.089	4	1403	0.071	4	1403	0.160
13:00 - 14:00	4	1403	0.071	4	1403	0.089	4	1403	0.160
14:00 - 15:00	4	1403	0.089	4	1403	0.053	4	1403	0.142
15:00 - 16:00	4	1403	0.071	4	1403	0.089	4	1403	0.160
16:00 - 17:00	4	1403	0.089	4	1403	0.071	4	1403	0.160
17:00 - 18:00	4	1403	0.018	4	1403	0.036	4	1403	0.054
18:00 - 19:00	4	1403	0.018	4	1403	0.036	4	1403	0.054
19:00 - 20:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.552			0.552			1.104

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:	1165 - 1900 (units: sqm)
Survey date date range:	01/01/07 - 27/11/12
Number of weekdays (Monday-Friday):	4
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

#### TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES MULTI-MODAL OGVS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		[	DEPARTURES	5		TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	2	1550	0.000	2	1550	0.000	2	1550	0.000
08:00 - 09:00	4	1403	0.018	4	1403	0.018	4	1403	0.036
09:00 - 10:00	4	1403	0.018	4	1403	0.018	4	1403	0.036
10:00 - 11:00	4	1403	0.018	4	1403	0.018	4	1403	0.036
11:00 - 12:00	4	1403	0.053	4	1403	0.053	4	1403	0.106
12:00 - 13:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
13:00 - 14:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
14:00 - 15:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
15:00 - 16:00	4	1403	0.018	4	1403	0.018	4	1403	0.036
16:00 - 17:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
17:00 - 18:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
18:00 - 19:00	4	1403	0.018	4	1403	0.018	4	1403	0.036
19:00 - 20:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.143			0.143			0.286

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:	1165 - 1900 (units: sqm)
Survey date date range:	01/01/07 - 27/11/12
Number of weekdays (Monday-Friday):	4
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

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#### TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES MULTI-MODAL PSVS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS		[	DEPARTURES	5	TOTALS			
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	2	1550	0.000	2	1550	0.000	2	1550	0.000
08:00 - 09:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
09:00 - 10:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
10:00 - 11:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
11:00 - 12:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
12:00 - 13:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
13:00 - 14:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
14:00 - 15:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
15:00 - 16:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
16:00 - 17:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
17:00 - 18:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
18:00 - 19:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
19:00 - 20:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
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:	1165 - 1900 (units: sqm)
Survey date date range:	01/01/07 - 27/11/12
Number of weekdays (Monday-Friday):	4
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

Friday 11/03/16 Page 8 Licence No: 355901

#### TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES MULTI-MODAL CYCLISTS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS		[	DEPARTURES	5	TOTALS			
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	2	1550	0.000	2	1550	0.000	2	1550	0.000
08:00 - 09:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
09:00 - 10:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
10:00 - 11:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
11:00 - 12:00	4	1403	0.107	4	1403	0.053	4	1403	0.160
12:00 - 13:00	4	1403	0.018	4	1403	0.036	4	1403	0.054
13:00 - 14:00	4	1403	0.036	4	1403	0.053	4	1403	0.089
14:00 - 15:00	4	1403	0.089	4	1403	0.089	4	1403	0.178
15:00 - 16:00	4	1403	0.053	4	1403	0.018	4	1403	0.071
16:00 - 17:00	4	1403	0.089	4	1403	0.089	4	1403	0.178
17:00 - 18:00	4	1403	0.125	4	1403	0.160	4	1403	0.285
18:00 - 19:00	4	1403	0.000	4	1403	0.018	4	1403	0.018
19:00 - 20:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.517			0.516			1.033

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:	1165 - 1900 (units: sqm)
Survey date date range:	01/01/07 - 27/11/12
Number of weekdays (Monday-Friday):	4
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

### TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES MULTI-MODAL VEHICLE OCCUPANTS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS		[	DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	2	1550	0.226	2	1550	0.097	2	1550	0.323
08:00 - 09:00	4	1403	0.820	4	1403	0.357	4	1403	1.177
09:00 - 10:00	4	1403	2.870	4	1403	1.800	4	1403	4.670
10:00 - 11:00	4	1403	4.795	4	1403	4.474	4	1403	9.269
11:00 - 12:00	4	1403	4.670	4	1403	4.599	4	1403	9.269
12:00 - 13:00	4	1403	5.330	4	1403	5.223	4	1403	10.553
13:00 - 14:00	4	1403	5.187	4	1403	4.813	4	1403	10.000
14:00 - 15:00	4	1403	5.365	4	1403	5.152	4	1403	10.517
15:00 - 16:00	4	1403	5.561	4	1403	5.936	4	1403	11.497
16:00 - 17:00	4	1403	4.545	4	1403	4.955	4	1403	9.500
17:00 - 18:00	4	1403	4.207	4	1403	4.848	4	1403	9.055
18:00 - 19:00	4	1403	3.743	4	1403	4.367	4	1403	8.110
19:00 - 20:00	4	1403	1.462	4	1403	2.121	4	1403	3.583
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			48.781			48.742			97.523

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:	1165 - 1900 (units: sqm)
Survey date date range:	01/01/07 - 27/11/12
Number of weekdays (Monday-Friday):	4
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

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#### TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES MULTI-MODAL PEDESTRIANS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS		[	DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	2	1550	0.161	2	1550	0.065	2	1550	0.226
08:00 - 09:00	4	1403	0.232	4	1403	0.143	4	1403	0.375
09:00 - 10:00	4	1403	1.070	4	1403	0.980	4	1403	2.050
10:00 - 11:00	4	1403	1.854	4	1403	1.676	4	1403	3.530
11:00 - 12:00	4	1403	1.515	4	1403	1.319	4	1403	2.834
12:00 - 13:00	4	1403	1.889	4	1403	1.943	4	1403	3.832
13:00 - 14:00	4	1403	1.658	4	1403	1.551	4	1403	3.209
14:00 - 15:00	4	1403	1.266	4	1403	1.693	4	1403	2.959
15:00 - 16:00	4	1403	2.139	4	1403	1.907	4	1403	4.046
16:00 - 17:00	4	1403	2.513	4	1403	1.889	4	1403	4.402
17:00 - 18:00	4	1403	1.729	4	1403	1.961	4	1403	3.690
18:00 - 19:00	4	1403	1.176	4	1403	1.836	4	1403	3.012
19:00 - 20:00	4	1403	0.374	4	1403	0.446	4	1403	0.820
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			17.576			17.409			34.985

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:	1165 - 1900 (units: sqm)
Survey date date range:	01/01/07 - 27/11/12
Number of weekdays (Monday-Friday):	4
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

#### TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES MULTI-MODAL BUS/TRAM PASSENGERS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS		[	DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	2	1550	0.000	2	1550	0.000	2	1550	0.000
08:00 - 09:00	4	1403	0.053	4	1403	0.000	4	1403	0.053
09:00 - 10:00	4	1403	0.143	4	1403	0.143	4	1403	0.286
10:00 - 11:00	4	1403	0.321	4	1403	0.339	4	1403	0.660
11:00 - 12:00	4	1403	0.160	4	1403	0.143	4	1403	0.303
12:00 - 13:00	4	1403	0.232	4	1403	0.196	4	1403	0.428
13:00 - 14:00	4	1403	0.160	4	1403	0.089	4	1403	0.249
14:00 - 15:00	4	1403	0.089	4	1403	0.267	4	1403	0.356
15:00 - 16:00	4	1403	0.214	4	1403	0.125	4	1403	0.339
16:00 - 17:00	4	1403	0.160	4	1403	0.178	4	1403	0.338
17:00 - 18:00	4	1403	0.053	4	1403	0.053	4	1403	0.106
18:00 - 19:00	4	1403	0.053	4	1403	0.089	4	1403	0.142
19:00 - 20:00	4	1403	0.000	4	1403	0.018	4	1403	0.018
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.638			1.640			3.278

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:	1165 - 1900 (units: sqm)
Survey date date range:	01/01/07 - 27/11/12
Number of weekdays (Monday-Friday):	4
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

#### TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES MULTI-MODAL TOTAL RAIL PASSENGERS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS		[	DEPARTURES	5	TOTALS			
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	2	1550	0.000	2	1550	0.000	2	1550	0.000
08:00 - 09:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
09:00 - 10:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
10:00 - 11:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
11:00 - 12:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
12:00 - 13:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
13:00 - 14:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
14:00 - 15:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
15:00 - 16:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
16:00 - 17:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
17:00 - 18:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
18:00 - 19:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
19:00 - 20:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
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:	1165 - 1900 (units: sqm)
Survey date date range:	01/01/07 - 27/11/12
Number of weekdays (Monday-Friday):	4
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

## TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES MULTI-MODAL COACH PASSENGERS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS		[	DEPARTURES	5	TOTALS			
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	2	1550	0.000	2	1550	0.000	2	1550	0.000
08:00 - 09:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
09:00 - 10:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
10:00 - 11:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
11:00 - 12:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
12:00 - 13:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
13:00 - 14:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
14:00 - 15:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
15:00 - 16:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
16:00 - 17:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
17:00 - 18:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
18:00 - 19:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
19:00 - 20:00	4	1403	0.000	4	1403	0.000	4	1403	0.000
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:	1165 - 1900 (units: sqm)
Survey date date range:	01/01/07 - 27/11/12
Number of weekdays (Monday-Friday):	4
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

## TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES MULTI-MODAL PUBLIC TRANSPORT USERS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	2	1550	0.000	2	1550	0.000	2	1550	0.000
08:00 - 09:00	4	1403	0.053	4	1403	0.000	4	1403	0.053
09:00 - 10:00	4	1403	0.143	4	1403	0.143	4	1403	0.286
10:00 - 11:00	4	1403	0.321	4	1403	0.339	4	1403	0.660
11:00 - 12:00	4	1403	0.160	4	1403	0.143	4	1403	0.303
12:00 - 13:00	4	1403	0.232	4	1403	0.196	4	1403	0.428
13:00 - 14:00	4	1403	0.160	4	1403	0.089	4	1403	0.249
14:00 - 15:00	4	1403	0.089	4	1403	0.267	4	1403	0.356
15:00 - 16:00	4	1403	0.214	4	1403	0.125	4	1403	0.339
16:00 - 17:00	4	1403	0.160	4	1403	0.178	4	1403	0.338
17:00 - 18:00	4	1403	0.053	4	1403	0.053	4	1403	0.106
18:00 - 19:00	4	1403	0.053	4	1403	0.089	4	1403	0.142
19:00 - 20:00	4	1403	0.000	4	1403	0.018	4	1403	0.018
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.638			1.640			3.278

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:	1165 - 1900 (units: sqm)
Survey date date range:	01/01/07 - 27/11/12
Number of weekdays (Monday-Friday):	4
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

## TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES MULTI-MODAL TOTAL PEOPLE Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS		[	DEPARTURES	5	TOTALS			
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	2	1550	0.387	2	1550	0.161	2	1550	0.548
08:00 - 09:00	4	1403	1.105	4	1403	0.499	4	1403	1.604
09:00 - 10:00	4	1403	4.082	4	1403	2.923	4	1403	7.005
10:00 - 11:00	4	1403	6.970	4	1403	6.488	4	1403	13.458
11:00 - 12:00	4	1403	6.453	4	1403	6.114	4	1403	12.567
12:00 - 13:00	4	1403	7.469	4	1403	7.398	4	1403	14.867
13:00 - 14:00	4	1403	7.041	4	1403	6.506	4	1403	13.547
14:00 - 15:00	4	1403	6.809	4	1403	7.201	4	1403	14.010
15:00 - 16:00	4	1403	7.968	4	1403	7.986	4	1403	15.954
16:00 - 17:00	4	1403	7.308	4	1403	7.112	4	1403	14.420
17:00 - 18:00	4	1403	6.114	4	1403	7.023	4	1403	13.137
18:00 - 19:00	4	1403	4.973	4	1403	6.310	4	1403	11.283
19:00 - 20:00	4	1403	1.836	4	1403	2.585	4	1403	4.421
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			68.515			68.306			136.821

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:	1165 - 1900 (units: sqm)
Survey date date range:	01/01/07 - 27/11/12
Number of weekdays (Monday-Friday):	4
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

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Highgate Transportation Ltd	Park Street Bristol	Licence No: 355901

Calculation Reference: AUDIT-355901-160311-0313

#### TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 01 - RETAIL : A - FOOD SUPERSTORE Category MULTI-MODAL VEHICLES

Selec	ted reg	ions and areas:	
03	SOUT	TH WEST	
	DV	DEVON	1 days
05	EAST	MIDLANDS	
	LE	LEICESTERSHIRE	1 days
09	NOR	ГН	
	СВ	CUMBRIA	1 days

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

Filtering Stage 2 selection:

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

Include all surveys

Parameter:	Gross floor area
Actual Range:	1700 to 5000 (units: sqm)
Range Selected by User:	800 to 5000 (units: sqm)

Public Transport Provision: Selection by:

Date Range: 01/01/07 to 19/07/13

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.

3 days

Selected survey days: Friday

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 undertaking using machines.

Selected Locations:	
Suburban Area (PPS6 Out of Centre)	2
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: **Residential Zone** 

3

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.

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Highgate Transportation Ltd Park Street	Bristol		Licence No: 355901
highgate transportation Eta Tark offeet	Dristor		
Filtering Stage 3 selection:			
Use Class:			
A1	3 days		
This data displays the number of surv has been used for this purpose, which		ation within the selected set. The Use Class Library module of TRICS®.	es Order 2005
Population within 1 mile:			
15,001 to 20,000	1 days		
25,001 to 50,000	1 days		
50,001 to 100,000	1 days		
This data displays the number of sele Population within 5 miles:	2	1-mile radii of population.	
250,001 to 500,000	3 days		
This data displays the number of sele	cted surveys within stated	5-mile radii of population.	
Car ownership within 5 miles:			
0.6 to 1.0	1 days		
1.1 to 1.5	2 days		
This data displays the number of sele within a radius of 5-miles of selected		ranges of average cars owned per resident	ial dwelling,
Petrol filling station: PFS is present at the site and is includ PFS is present at the site but is exclud There is no PFS at the site		1 days 0 days 2 days	

This data displays the number of surveys within the selected set that include petrol filling station activity, and the number of surveys that do not.

Travel Plan: 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.

TRICS 7.2.4 250216 B17.31 (C) 2016 TRICS Const	ortium Ltd		Friday 11/03/16
1107 Peel Hall, Warrington			Page 3
Highgate Transportation Ltd Park Street Bristol			Licence No: 355901
LIST OF SITES relevant to selection parameters	<u>S</u>		
1 CB-01-A-07 SOMERFIELD		CUMBRIA	
WIGTON ROAD			
NEWTOWN			
CARLISLE			
Suburban Area (PPS6 Out of Centre)			
Residential Zone			
Total Gross floor area:	1700 sqm	~	
Survey date: FRIDAY	05/02/10	Survey Type: MANUAL	
2 DV-01-A-21 MORRISONS		DEVON	
TORR LANE			
PENNYCROSS			
PLYMOUTH			
Suburban Area (PPS6 Out of Centre)			
Residential Zone			
Total Gross floor area:	5000 sqm		
Survey date: FRIDAY	23/10/09	Survey Type: MANUAL	
3 LE-01-A-01 SAINSBURYS		LEICESTERSHIRE	
GLEN ROAD			
OADBY			
LEICESTER			
Edge of Town			
Residential Zone			
Total Gross floor area:	4850 sqm		
Survey date: FRIDAY	19/06/09	Survey Type: MANUAL	

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE MULTI-MODAL VEHICLES Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS			[	DEPARTURES	)		TOTALS	TOTALS			
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip			
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	3850	1.801	3	3850	1.082	3	3850	2.883			
08:00 - 09:00	3	3850	4.615	3	3850	3.030	3	3850	7.645			
09:00 - 10:00	3	3850	6.736	3	3850	5.108	3	3850	11.844			
10:00 - 11:00	3	3850	7.835	3	3850	6.727	3	3850	14.562			
11:00 - 12:00	3	3850	7.965	3	3850	8.026	3	3850	15.991			
12:00 - 13:00	3	3850	7.784	3	3850	7.931	3	3850	15.715			
13:00 - 14:00	3	3850	7.723	3	3850	7.342	3	3850	15.065			
14:00 - 15:00	3	3850	7.818	3	3850	8.407	3	3850	16.225			
15:00 - 16:00	3	3850	7.342	3	3850	7.784	3	3850	15.126			
16:00 - 17:00	3	3850	8.121	3	3850	7.697	3	3850	15.818			
17:00 - 18:00	3	3850	9.056	3	3850	9.550	3	3850	18.606			
18:00 - 19:00	3	3850	7.108	3	3850	8.502	3	3850	15.610			
19:00 - 20:00	3	3850	6.113	3	3850	6.632	3	3850	12.745			
20:00 - 21:00	3	3850	2.944	3	3850	4.225	3	3850	7.169			
21:00 - 22:00	3	3850	1.126	3	3850	2.190	3	3850	3.316			
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			94.087			94.233			188.320			

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:	1700 - 5000 (units: sqm)
Survey date date range:	01/01/07 - 19/07/13
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE MULTI-MODAL TAXIS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		[	DEPARTURES	5		TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	3850	0.043	3	3850	0.035	3	3850	0.078
08:00 - 09:00	3	3850	0.009	3	3850	0.009	3	3850	0.018
09:00 - 10:00	3	3850	0.061	3	3850	0.052	3	3850	0.113
10:00 - 11:00	3	3850	0.113	3	3850	0.104	3	3850	0.217
11:00 - 12:00	3	3850	0.199	3	3850	0.182	3	3850	0.381
12:00 - 13:00	3	3850	0.113	3	3850	0.078	3	3850	0.191
13:00 - 14:00	3	3850	0.139	3	3850	0.147	3	3850	0.286
14:00 - 15:00	3	3850	0.121	3	3850	0.130	3	3850	0.251
15:00 - 16:00	3	3850	0.139	3	3850	0.121	3	3850	0.260
16:00 - 17:00	3	3850	0.078	3	3850	0.087	3	3850	0.165
17:00 - 18:00	3	3850	0.139	3	3850	0.113	3	3850	0.252
18:00 - 19:00	3	3850	0.078	3	3850	0.147	3	3850	0.225
19:00 - 20:00	3	3850	0.061	3	3850	0.069	3	3850	0.130
20:00 - 21:00	3	3850	0.061	3	3850	0.061	3	3850	0.122
21:00 - 22:00	3	3850	0.035	3	3850	0.052	3	3850	0.087
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.389			1.387			2.776

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:	1700 - 5000 (units: sqm)
Survey date date range:	01/01/07 - 19/07/13
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE MULTI-MODAL OGVS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		[	DEPARTURES	5		TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	3850	0.017	3	3850	0.026	3	3850	0.043
08:00 - 09:00	3	3850	0.043	3	3850	0.035	3	3850	0.078
09:00 - 10:00	3	3850	0.061	3	3850	0.052	3	3850	0.113
10:00 - 11:00	3	3850	0.009	3	3850	0.043	3	3850	0.052
11:00 - 12:00	3	3850	0.017	3	3850	0.026	3	3850	0.043
12:00 - 13:00	3	3850	0.017	3	3850	0.017	3	3850	0.034
13:00 - 14:00	3	3850	0.000	3	3850	0.009	3	3850	0.009
14:00 - 15:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
15:00 - 16:00	3	3850	0.009	3	3850	0.017	3	3850	0.026
16:00 - 17:00	3	3850	0.017	3	3850	0.000	3	3850	0.017
17:00 - 18:00	3	3850	0.026	3	3850	0.035	3	3850	0.061
18:00 - 19:00	3	3850	0.009	3	3850	0.009	3	3850	0.018
19:00 - 20:00	3	3850	0.017	3	3850	0.009	3	3850	0.026
20:00 - 21:00	3	3850	0.000	3	3850	0.009	3	3850	0.009
21:00 - 22:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.242			0.287			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:	1700 - 5000 (units: sqm)
Survey date date range:	01/01/07 - 19/07/13
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE MULTI-MODAL PSVS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		[	DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	3850	0.000	3	3850	0.000	3	3850	0.000
08:00 - 09:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
09:00 - 10:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
10:00 - 11:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
11:00 - 12:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
12:00 - 13:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
13:00 - 14:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
14:00 - 15:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
15:00 - 16:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
16:00 - 17:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
17:00 - 18:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
18:00 - 19:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
19:00 - 20:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
20:00 - 21:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
21:00 - 22:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
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:	1700 - 5000 (units: sqm)
Survey date date range:	01/01/07 - 19/07/13
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE MULTI-MODAL CYCLISTS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS			[	DEPARTURES	5		TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip	
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	3850	0.017	3	3850	0.000	3	3850	0.017	
08:00 - 09:00	3	3850	0.035	3	3850	0.017	3	3850	0.052	
09:00 - 10:00	3	3850	0.017	3	3850	0.009	3	3850	0.026	
10:00 - 11:00	3	3850	0.017	3	3850	0.009	3	3850	0.026	
11:00 - 12:00	3	3850	0.069	3	3850	0.043	3	3850	0.112	
12:00 - 13:00	3	3850	0.026	3	3850	0.069	3	3850	0.095	
13:00 - 14:00	3	3850	0.052	3	3850	0.035	3	3850	0.087	
14:00 - 15:00	3	3850	0.017	3	3850	0.009	3	3850	0.026	
15:00 - 16:00	3	3850	0.061	3	3850	0.078	3	3850	0.139	
16:00 - 17:00	3	3850	0.069	3	3850	0.035	3	3850	0.104	
17:00 - 18:00	3	3850	0.035	3	3850	0.052	3	3850	0.087	
18:00 - 19:00	3	3850	0.009	3	3850	0.035	3	3850	0.044	
19:00 - 20:00	3	3850	0.026	3	3850	0.017	3	3850	0.043	
20:00 - 21:00	3	3850	0.000	3	3850	0.009	3	3850	0.009	
21:00 - 22:00	3	3850	0.009	3	3850	0.026	3	3850	0.035	
22:00 - 23:00										
23:00 - 24:00										
Total Rates:			0.459			0.443			0.902	

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:	1700 - 5000 (units: sqm)
Survey date date range:	01/01/07 - 19/07/13
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

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## TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE MULTI-MODAL VEHICLE OCCUPANTS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		[	DEPARTURES	5	TOTALS			
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip	
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	3850	2.095	3	3850	1.169	3	3850	3.264	
08:00 - 09:00	3	3850	5.645	3	3850	3.610	3	3850	9.255	
09:00 - 10:00	3	3850	8.667	3	3850	6.268	3	3850	14.935	
10:00 - 11:00	3	3850	10.970	3	3850	8.468	3	3850	19.438	
11:00 - 12:00	3	3850	11.091	3	3850	11.117	3	3850	22.208	
12:00 - 13:00	3	3850	10.823	3	3850	10.615	3	3850	21.438	
13:00 - 14:00	3	3850	11.056	3	3850	9.974	3	3850	21.030	
14:00 - 15:00	3	3850	10.779	3	3850	12.017	3	3850	22.796	
15:00 - 16:00	3	3850	10.494	3	3850	11.411	3	3850	21.905	
16:00 - 17:00	3	3850	11.351	3	3850	10.580	3	3850	21.931	
17:00 - 18:00	3	3850	12.416	3	3850	13.437	3	3850	25.853	
18:00 - 19:00	3	3850	10.173	3	3850	12.346	3	3850	22.519	
19:00 - 20:00	3	3850	8.900	3	3850	9.463	3	3850	18.363	
20:00 - 21:00	3	3850	4.242	3	3850	6.199	3	3850	10.441	
21:00 - 22:00	3	3850	1.524	3	3850	3.169	3	3850	4.693	
22:00 - 23:00										
23:00 - 24:00										
Total Rates:			130.226			129.843			260.069	

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:	1700 - 5000 (units: sqm)
Survey date date range:	01/01/07 - 19/07/13
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE MULTI-MODAL PEDESTRIANS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS				DEPARTURES	, )	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	3850	0.190	3	3850	0.087	3	3850	0.277
08:00 - 09:00	3	3850	0.952	3	3850	0.918	3	3850	1.870
09:00 - 10:00	3	3850	1.203	3	3850	0.952	3	3850	2.155
10:00 - 11:00	3	3850	1.913	3	3850	1.602	3	3850	3.515
11:00 - 12:00	3	3850	1.481	3	3850	1.342	3	3850	2.823
12:00 - 13:00	3	3850	2.528	3	3850	2.753	3	3850	5.281
13:00 - 14:00	3	3850	1.714	3	3850	1.879	3	3850	3.593
14:00 - 15:00	3	3850	1.022	3	3850	1.013	3	3850	2.035
15:00 - 16:00	3	3850	1.758	3	3850	1.636	3	3850	3.394
16:00 - 17:00	3	3850	1.602	3	3850	1.593	3	3850	3.195
17:00 - 18:00	3	3850	1.273	3	3850	1.212	3	3850	2.485
18:00 - 19:00	3	3850	0.900	3	3850	1.022	3	3850	1.922
19:00 - 20:00	3	3850	0.623	3	3850	0.918	3	3850	1.541
20:00 - 21:00	3	3850	0.372	3	3850	0.528	3	3850	0.900
21:00 - 22:00	3	3850	0.173	3	3850	0.199	3	3850	0.372
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			17.704			17.654			35.358

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:	1700 - 5000 (units: sqm)
Survey date date range:	01/01/07 - 19/07/13
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

#### TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE MULTI-MODAL BUS/TRAM PASSENGERS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS				DEPARTURES	5	TOTALS			
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip	
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	3850	0.017	3	3850	0.009	3	3850	0.026	
08:00 - 09:00	3	3850	0.035	3	3850	0.035	3	3850	0.070	
09:00 - 10:00	3	3850	0.069	3	3850	0.017	3	3850	0.086	
10:00 - 11:00	3	3850	0.078	3	3850	0.035	3	3850	0.113	
11:00 - 12:00	3	3850	0.087	3	3850	0.052	3	3850	0.139	
12:00 - 13:00	3	3850	0.156	3	3850	0.026	3	3850	0.182	
13:00 - 14:00	3	3850	0.052	3	3850	0.087	3	3850	0.139	
14:00 - 15:00	3	3850	0.043	3	3850	0.078	3	3850	0.121	
15:00 - 16:00	3	3850	0.113	3	3850	0.052	3	3850	0.165	
16:00 - 17:00	3	3850	0.035	3	3850	0.069	3	3850	0.104	
17:00 - 18:00	3	3850	0.052	3	3850	0.087	3	3850	0.139	
18:00 - 19:00	3	3850	0.113	3	3850	0.139	3	3850	0.252	
19:00 - 20:00	3	3850	0.087	3	3850	0.147	3	3850	0.234	
20:00 - 21:00	3	3850	0.078	3	3850	0.087	3	3850	0.165	
21:00 - 22:00	3	3850	0.009	3	3850	0.061	3	3850	0.070	
22:00 - 23:00										
23:00 - 24:00										
Total Rates:			1.024			0.981			2.005	

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:	1700 - 5000 (units: sqm)
Survey date date range:	01/01/07 - 19/07/13
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

## TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE MULTI-MODAL TOTAL RAIL PASSENGERS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS			[	DEPARTURES	5		TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	3850	0.000	3	3850	0.000	3	3850	0.000
08:00 - 09:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
09:00 - 10:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
10:00 - 11:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
11:00 - 12:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
12:00 - 13:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
13:00 - 14:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
14:00 - 15:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
15:00 - 16:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
16:00 - 17:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
17:00 - 18:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
18:00 - 19:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
19:00 - 20:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
20:00 - 21:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
21:00 - 22:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
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:	1700 - 5000 (units: sqm)
Survey date date range:	01/01/07 - 19/07/13
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE MULTI-MODAL COACH PASSENGERS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS			[	DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	3850	0.000	3	3850	0.000	3	3850	0.000
08:00 - 09:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
09:00 - 10:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
10:00 - 11:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
11:00 - 12:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
12:00 - 13:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
13:00 - 14:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
14:00 - 15:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
15:00 - 16:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
16:00 - 17:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
17:00 - 18:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
18:00 - 19:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
19:00 - 20:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
20:00 - 21:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
21:00 - 22:00	3	3850	0.000	3	3850	0.000	3	3850	0.000
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:	1700 - 5000 (units: sqm)
Survey date date range:	01/01/07 - 19/07/13
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

## TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE MULTI-MODAL PUBLIC TRANSPORT USERS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS			[	DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	3850	0.017	3	3850	0.009	3	3850	0.026
08:00 - 09:00	3	3850	0.035	3	3850	0.035	3	3850	0.070
09:00 - 10:00	3	3850	0.069	3	3850	0.017	3	3850	0.086
10:00 - 11:00	3	3850	0.078	3	3850	0.035	3	3850	0.113
11:00 - 12:00	3	3850	0.087	3	3850	0.052	3	3850	0.139
12:00 - 13:00	3	3850	0.156	3	3850	0.026	3	3850	0.182
13:00 - 14:00	3	3850	0.052	3	3850	0.087	3	3850	0.139
14:00 - 15:00	3	3850	0.043	3	3850	0.078	3	3850	0.121
15:00 - 16:00	3	3850	0.113	3	3850	0.052	3	3850	0.165
16:00 - 17:00	3	3850	0.035	3	3850	0.069	3	3850	0.104
17:00 - 18:00	3	3850	0.052	3	3850	0.087	3	3850	0.139
18:00 - 19:00	3	3850	0.113	3	3850	0.139	3	3850	0.252
19:00 - 20:00	3	3850	0.087	3	3850	0.147	3	3850	0.234
20:00 - 21:00	3	3850	0.078	3	3850	0.087	3	3850	0.165
21:00 - 22:00	3	3850	0.009	3	3850	0.061	3	3850	0.070
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.024			0.981			2.005

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:	1700 - 5000 (units: sqm)
Survey date date range:	01/01/07 - 19/07/13
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE MULTI-MODAL TOTAL PEOPLE Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS			[	DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	3850	2.320	3	3850	1.264	3	3850	3.584
08:00 - 09:00	3	3850	6.667	3	3850	4.580	3	3850	11.247
09:00 - 10:00	3	3850	9.957	3	3850	7.247	3	3850	17.204
10:00 - 11:00	3	3850	12.978	3	3850	10.113	3	3850	23.091
11:00 - 12:00	3	3850	12.727	3	3850	12.554	3	3850	25.281
12:00 - 13:00	3	3850	13.532	3	3850	13.463	3	3850	26.995
13:00 - 14:00	3	3850	12.874	3	3850	11.974	3	3850	24.848
14:00 - 15:00	3	3850	11.861	3	3850	13.117	3	3850	24.978
15:00 - 16:00	3	3850	12.424	3	3850	13.177	3	3850	25.601
16:00 - 17:00	3	3850	13.056	3	3850	12.277	3	3850	25.333
17:00 - 18:00	3	3850	13.775	3	3850	14.788	3	3850	28.563
18:00 - 19:00	3	3850	11.195	3	3850	13.541	3	3850	24.736
19:00 - 20:00	3	3850	9.636	3	3850	10.545	3	3850	20.181
20:00 - 21:00	3	3850	4.693	3	3850	6.823	3	3850	11.516
21:00 - 22:00	3	3850	1.714	3	3850	3.455	3	3850	5.169
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			149.409			148.918			298.327

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:	1700 - 5000 (units: sqm)
Survey date date range:	01/01/07 - 19/07/13
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

# Appendix 5

TRICS Data for Neighbourhood Centre Trip Rates – Local Shops

TRICS 7.2.4 250216 B17.31	(C) 2016 TRICS Consortium Ltd	Friday 11/03/16
1107 Peel Hall, Warrington		Page 1
Highgate Transportation Ltd	Park Street Bristol	Licence No: 355901

Calculation Reference: AUDIT-355901-160311-0339

#### TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 01 - RETAIL Category : I - SHOPPING CENTRE - LOCAL SHOPS MULTI - MODAL VEHICLES

Selec	cted reg	gions and areas:	
02	SOU	TH EAST	
	ΕX	ESSEX	1 days
	HC	HAMPSHIRE	1 days
03	SOU	TH WEST	
	GS	GLOUCESTERSHIRE	1 days
05	EAST	MIDLANDS	
	LE	LEICESTERSHIRE	1 days
	NR	NORTHAMPTONSHIRE	1 days
06	WES	T MIDLANDS	
	SH	SHROPSHIRE	1 days
	WM	WEST MIDLANDS	2 days
07	YOR	KSHIRE & NORTH LINCOLNSHIRE	
	NY	NORTH YORKSHIRE	1 days
80	NOR	TH WEST	
	СН	CHESHIRE	2 days
09	NOR	TH	
	ΤV	TEES VALLEY	2 days
	ΤW	TYNE & WEAR	1 days

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

#### Filtering Stage 2 selection:

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

Parameter:	Gross floor area
Actual Range:	260 to 1840 (units: sqm)
Range Selected by User:	240 to 1890 (units: sqm)

Public Transport Provision: Selection by:

Include all surveys

Date Range: 01/01/07 to 28/10/14

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:	
Monday	2 days
Tuesday	4 days
Wednesday	2 days
Thursday	4 days
Friday	2 days

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

Selected survey types:	
Manual count	14 days
Directional ATC Count	0 days

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

Selected Locations:	
Suburban Area (PPS6 Out of Centre)	2
Edge of Town	3
Neighbourhood Centre (PPS6 Local Centre)	9

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 Net Known

TRICS 7.2.4 250216 B17.31	(C) 2016 TF	RICS Consortium Ltd	Friday 11/03/16
1107 Peel Hall, Warrington			Page 2
Highgate Transportation Ltd	Park Street	Bristol	Licence No: 355901

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

Filtering Stage 3 selection:

Use Class: A1

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<sup>®</sup>.

Population within 1 mile:	
5,001 to 10,000	2 days
10,001 to 15,000	1 days
15,001 to 20,000	5 days
20,001 to 25,000	2 days
25,001 to 50,000	4 days

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

2 days
1 days
3 days
3 days
5 days

This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:	
0.6 to 1.0	
1.1 to 1.5	

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.

5 days 9 days

Petrol filling station:	
Included in the survey count	0 days
Excluded from count or no filling station	14 days

This data displays the number of surveys within the selected set that include petrol filling station activity, and the number of surveys that do not.

<u>Travel Plan:</u> No

14 days

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

LIST OF SITES relevant to selection parameters

2       CH-01-I-03       LOCAL SHOPS       CHESHIRE         MILL LANE       BACHE       CHESTER       Neighbourhood Centre (PPS6 Local Centre)       Residential Zone         Total Gross floor area:       365 sqm       Survey date: THURSDAY       17/05/12       Survey         3       EX-01-I-01       LOCAL SHOPS       ESSEX       PYRLES LANE         LOUGHTON       Neighbourhood Centre (PPS6 Local Centre)       Residential Zone       Total Gross floor area:       650 sqm         Survey date: THURSDAY       22/11/07       Survey       Survey         4       GS-01-I-01       LOCAL SHOPS       GLOUCES'         SALISBURY AVENUE       WARDEN HILL       CHELTENHAM       Suburban Area (PPS6 Out of Centre)         Residential Zone       Total Gross floor area:       525 sqm	Type: MANUAL
Residential Zone260 sqmTotal Gross floor area:260 sqmSurvey date: TUESDAY15/05/122CH-01-1-03LOCAL SHOPSMILL LANEBACHEBACHECHESTERNeighbourhood Centre (PPS6 Local Centre)Residential ZoneTotal Gross floor area:365 sqmSurvey date: THURSDAY17/05/123EX-01-1-01LOUGHTONNeighbourhood Centre (PPS6 Local Centre)Residential ZoneESSEXPYRLES LANEESSEXLOUGHTONNeighbourhood Centre (PPS6 Local Centre)Residential ZoneTotal Gross floor area:650 sqmSurvey date: THURSDAY22/11/07Survey4GS-01-1-01GS-01-1-01LOCAL SHOPSSALISBURY AVENUEGLOUCESTWARDEN HILLCHELTENHAMSuburban Area (PPS6 Out of Centre)Residential ZoneTotal Gross floor area:525 sqmSurvey date: MONDAY26/04/10Survey date: MONDAY26/04/10Survey date: MONDAY26/04/10Survey date: MONDASHAMPSHIOLIVER'S BATTERY ROAD S.HAMPSHI	
Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Gross floor area:365 sqmSurvey date: THURSDAY17/05/12Survey3EX-01-I-01LOCAL SHOPSESSEXPYRLES LANELOUGHTON Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Gross floor area:650 sqmSurvey date: THURSDAY22/11/07Survey4GS-01-I-01LOCAL SHOPSGLOUCESTSALISBURY AVENUE WARDEN HILL CHELTENHAM Suburban Area (PPS6 Out of Centre) Residential Zone Total Gross floor area:525 sqmSurvey date: MONDAY26/04/10Survey5HC-01-I-02LOCAL SHOPSHAMPSHI OLIVER'S BATTERY ROAD S.	
Neighbourhood Centre (PPS6 Local Centre)         Residential Zone         Total Gross floor area:       650 sqm         Survey date: THURSDAY       22/11/07         Survey date: THURSDAY       22/11/07         GS-01-I-01       LOCAL SHOPS         GLOUCEST       SALISBURY AVENUE         WARDEN HILL       CHELTENHAM         Suburban Area (PPS6 Out of Centre)       Residential Zone         Total Gross floor area:       525 sqm         Survey date: MONDAY       26/04/10         Survey date: MONDAY       26/04/10         Survey SatTERY ROAD S.       HAMPSHI	Type: MANUAL
Suburban Area (PPS6 Out of Centre) Residential Zone Total Gross floor area: 525 sqm Survey date: MONDAY 26/04/10 Survey 5 HC-01-I-02 LOCAL SHOPS HAMPSHI OLIVER'S BATTERY ROAD S.	Type: MANUAL TERSHI RE
	Type: MANUAL RE
WINCHESTER Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Gross floor area: 1605 sqm Survey date: TUESDAY 20/11/07 Survey 6 LE-01-I-02 LOCAL SHOPS LEICESTER RYDER ROAD	Type: MANUAL RSHIRE
	Type: MANUAL IPTONSHI RE
CORBY Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Gross floor area: 755 sqm Survey date: WEDNESDAY 19/11/08 Survey	Type: MANUAL

	4 250216 B17.31 (C) 2016 TRICS Consortii Hall, Warrington	um Ltd		Friday 11/03/16 Page 4
	Insportation Ltd Park Street Bristol			Licence No: 355901
тан	OF SITES relevant to selection parameters (C	opt)		
		<u>ont.)</u>		
8	NY-01-I-01 LOCAL SHOPS NEWLANDS PARK DRIVE		NORTH YORKSHIRE	
	SCARBOROUGH			
	Neighbourhood Centre (PPS6 Local Centre)			
	Residential Zone	1000		
	Total Gross floor area: Survey date: FRIDAY	1200 sqm 28/09/07	Survey Type: MANUAL	
9	SH-01-I-02 LOCAL SHOPS	20/07/07	SHROPSHIRE	
	WREKIN DRIVE			
	DONNINGTON			
	TELFORD			
	Edge of Town Residential Zone			
	Total Gross floor area:	900 sqm		
	Survey date: THURSDAY	24/10/13	Survey Type: MANUAL	
10	TV-01-I-03 LOCAL SHOPS		TEES VALLEY	
	ACKLAM ROAD			
	ACKLAM MIDDLESBROUGH			
	Neighbourhood Centre (PPS6 Local Centre)			
	Residential Zone			
	Total Gross floor area:	1840 sqm		
11	Survey date: FRIDAY	04/10/13	Survey Type: MANUAL TEES VALLEY	
11	TV-01-I-04 LOCAL SHOPS CARGO FLEET LANE		TEES VALLEY	
	ORMESBY			
	MIDDLESBROUGH			
	Neighbourhood Centre (PPS6 Local Centre)			
	Residential Zone Total Gross floor area:	585 sqm		
	Survey date: MONDAY	07/10/13	Survey Type: MANUAL	
12	TW-01-I-02 LOCAL SHOPS		TYNE & WEAR	
	DURHAM ROAD			
	BARNES PARK			
	SUNDERLAND Neighbourhood Centre (PPS6 Local Centre)			
	Residential Zone			
	Total Gross floor area:	540 sqm		
10	Survey date: WEDNESDAY	21/11/12	Survey Type: MANUAL WEST MIDI ANDS	
13	WM-01-I-01 LOCAL SHOPS HOLYHEAD ROAD		WEST WIDLANDS	
	COVENTRY			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Gross floor area:	1550 sqm	с. <b>т</b>	
14	Survey date: THURSDAY WM-01-I-02 LOCAL SHOPS	27/09/07	Survey Type: MANUAL WEST MIDLANDS	
14	MARSHALL LAKE ROAD			
	SHIRLEY			
	SOLIHULL			
	Edge of Town Commercial Zone			
	Total Gross floor area:	515 sqm		
	Survey date: TUESDAY	18/09/07	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 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS MULTI-MODAL VEHICLES Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS		]	DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	1	540	1.296	1	540	1.296	1	540	2.592
07:00 - 08:00	14	846	4.257	14	846	3.792	14	846	8.049
08:00 - 09:00	14	846	5.025	14	846	4.780	14	846	9.805
09:00 - 10:00	14	846	5.701	14	846	5.211	14	846	10.912
10:00 - 11:00	14	846	5.811	14	846	5.405	14	846	11.216
11:00 - 12:00	14	846	5.929	14	846	5.845	14	846	11.774
12:00 - 13:00	14	846	7.382	14	846	7.061	14	846	14.443
13:00 - 14:00	14	846	6.639	14	846	6.596	14	846	13.235
14:00 - 15:00	14	846	5.718	14	846	5.904	14	846	11.622
15:00 - 16:00	14	846	5.473	14	846	5.887	14	846	11.360
16:00 - 17:00	14	846	5.735	14	846	5.828	14	846	11.563
17:00 - 18:00	14	846	6.039	14	846	6.495	14	846	12.534
18:00 - 19:00	14	846	5.819	14	846	6.098	14	846	11.917
19:00 - 20:00	12	935	4.806	12	935	4.833	12	935	9.639
20:00 - 21:00	11	874	3.548	11	874	3.892	11	874	7.440
21:00 - 22:00	6	823	3.846	6	823	4.433	6	823	8.279
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			83.024			83.356			166.380

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:	260 - 1840 (units: sqm)
Survey date date range:	01/01/07 - 28/10/14
Number of weekdays (Monday-Friday):	14
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	2

## TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS MULTI-MODAL TAXIS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS		[	DEPARTURES	5	TOTALS			
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	1	540	0.000	1	540	0.000	1	540	0.000
07:00 - 08:00	14	846	0.000	14	846	0.000	14	846	0.000
08:00 - 09:00	14	846	0.068	14	846	0.059	14	846	0.127
09:00 - 10:00	14	846	0.101	14	846	0.101	14	846	0.202
10:00 - 11:00	14	846	0.059	14	846	0.068	14	846	0.127
11:00 - 12:00	14	846	0.101	14	846	0.101	14	846	0.202
12:00 - 13:00	14	846	0.101	14	846	0.093	14	846	0.194
13:00 - 14:00	14	846	0.059	14	846	0.068	14	846	0.127
14:00 - 15:00	14	846	0.051	14	846	0.051	14	846	0.102
15:00 - 16:00	14	846	0.084	14	846	0.068	14	846	0.152
16:00 - 17:00	14	846	0.068	14	846	0.068	14	846	0.136
17:00 - 18:00	14	846	0.034	14	846	0.042	14	846	0.076
18:00 - 19:00	14	846	0.101	14	846	0.068	14	846	0.169
19:00 - 20:00	12	935	0.036	12	935	0.089	12	935	0.125
20:00 - 21:00	11	874	0.021	11	874	0.021	11	874	0.042
21:00 - 22:00	6	823	0.020	6	823	0.000	6	823	0.020
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.904			0.897			1.801

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:	260 - 1840 (units: sqm)
Survey date date range:	01/01/07 - 28/10/14
Number of weekdays (Monday-Friday):	14
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	2

## TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS MULTI-MODAL OGVS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS		]	DEPARTURES	5	TOTALS			
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	1	540	0.000	1	540	0.000	1	540	0.000
07:00 - 08:00	14	846	0.118	14	846	0.084	14	846	0.202
08:00 - 09:00	14	846	0.118	14	846	0.093	14	846	0.211
09:00 - 10:00	14	846	0.177	14	846	0.194	14	846	0.371
10:00 - 11:00	14	846	0.118	14	846	0.101	14	846	0.219
11:00 - 12:00	14	846	0.093	14	846	0.110	14	846	0.203
12:00 - 13:00	14	846	0.127	14	846	0.144	14	846	0.271
13:00 - 14:00	14	846	0.101	14	846	0.127	14	846	0.228
14:00 - 15:00	14	846	0.084	14	846	0.059	14	846	0.143
15:00 - 16:00	14	846	0.059	14	846	0.051	14	846	0.110
16:00 - 17:00	14	846	0.093	14	846	0.076	14	846	0.169
17:00 - 18:00	14	846	0.034	14	846	0.042	14	846	0.076
18:00 - 19:00	14	846	0.017	14	846	0.051	14	846	0.068
19:00 - 20:00	12	935	0.009	12	935	0.009	12	935	0.018
20:00 - 21:00	11	874	0.000	11	874	0.000	11	874	0.000
21:00 - 22:00	6	823	0.020	6	823	0.020	6	823	0.040
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.168			1.161			2.329

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:	260 - 1840 (units: sqm)
Survey date date range:	01/01/07 - 28/10/14
Number of weekdays (Monday-Friday):	14
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	2

## TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS MULTI-MODAL PSVS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS		]	DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	1	540	0.000	1	540	0.000	1	540	0.000
07:00 - 08:00	14	846	0.034	14	846	0.034	14	846	0.068
08:00 - 09:00	14	846	0.000	14	846	0.000	14	846	0.000
09:00 - 10:00	14	846	0.000	14	846	0.000	14	846	0.000
10:00 - 11:00	14	846	0.017	14	846	0.017	14	846	0.034
11:00 - 12:00	14	846	0.008	14	846	0.008	14	846	0.016
12:00 - 13:00	14	846	0.008	14	846	0.008	14	846	0.016
13:00 - 14:00	14	846	0.008	14	846	0.008	14	846	0.016
14:00 - 15:00	14	846	0.008	14	846	0.000	14	846	0.008
15:00 - 16:00	14	846	0.000	14	846	0.008	14	846	0.008
16:00 - 17:00	14	846	0.017	14	846	0.017	14	846	0.034
17:00 - 18:00	14	846	0.000	14	846	0.000	14	846	0.000
18:00 - 19:00	14	846	0.000	14	846	0.000	14	846	0.000
19:00 - 20:00	12	935	0.000	12	935	0.000	12	935	0.000
20:00 - 21:00	11	874	0.000	11	874	0.000	11	874	0.000
21:00 - 22:00	6	823	0.040	6	823	0.040	6	823	0.080
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.140			0.140			0.280

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:	260 - 1840 (units: sqm)
Survey date date range:	01/01/07 - 28/10/14
Number of weekdays (Monday-Friday):	14
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	2

## TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS MULTI-MODAL CYCLISTS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS			[	DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	1	540	0.185	1	540	0.000	1	540	0.185
07:00 - 08:00	14	846	0.228	14	846	0.186	14	846	0.414
08:00 - 09:00	14	846	0.177	14	846	0.169	14	846	0.346
09:00 - 10:00	14	846	0.144	14	846	0.144	14	846	0.288
10:00 - 11:00	14	846	0.135	14	846	0.110	14	846	0.245
11:00 - 12:00	14	846	0.118	14	846	0.135	14	846	0.253
12:00 - 13:00	14	846	0.076	14	846	0.076	14	846	0.152
13:00 - 14:00	14	846	0.127	14	846	0.135	14	846	0.262
14:00 - 15:00	14	846	0.144	14	846	0.177	14	846	0.321
15:00 - 16:00	14	846	0.279	14	846	0.220	14	846	0.499
16:00 - 17:00	14	846	0.304	14	846	0.262	14	846	0.566
17:00 - 18:00	14	846	0.127	14	846	0.169	14	846	0.296
18:00 - 19:00	14	846	0.279	14	846	0.296	14	846	0.575
19:00 - 20:00	12	935	0.098	12	935	0.116	12	935	0.214
20:00 - 21:00	11	874	0.010	11	874	0.042	11	874	0.052
21:00 - 22:00	6	823	0.202	6	823	0.162	6	823	0.364
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.633			2.399			5.032

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:	260 - 1840 (units: sqm)
Survey date date range:	01/01/07 - 28/10/14
Number of weekdays (Monday-Friday):	14
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	2

## TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS MULTI-MODAL VEHICLE OCCUPANTS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS			[	DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	1	540	1.481	1	540	1.481	1	540	2.962
07:00 - 08:00	14	846	4.992	14	846	4.299	14	846	9.291
08:00 - 09:00	14	846	6.419	14	846	5.963	14	846	12.382
09:00 - 10:00	14	846	6.833	14	846	6.258	14	846	13.091
10:00 - 11:00	14	846	7.196	14	846	6.579	14	846	13.775
11:00 - 12:00	14	846	7.264	14	846	7.323	14	846	14.587
12:00 - 13:00	14	846	9.181	14	846	8.843	14	846	18.024
13:00 - 14:00	14	846	8.083	14	846	8.193	14	846	16.276
14:00 - 15:00	14	846	7.204	14	846	7.424	14	846	14.628
15:00 - 16:00	14	846	7.323	14	846	7.914	14	846	15.237
16:00 - 17:00	14	846	7.407	14	846	7.686	14	846	15.093
17:00 - 18:00	14	846	7.965	14	846	8.598	14	846	16.563
18:00 - 19:00	14	846	7.813	14	846	8.133	14	846	15.945
19:00 - 20:00	12	935	6.491	12	935	6.607	12	935	13.098
20:00 - 21:00	11	874	4.745	11	874	5.005	11	874	9.750
21:00 - 22:00	6	823	5.040	6	823	5.304	6	823	10.344
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			105.436			105.610			211.046

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:	260 - 1840 (units: sqm)
Survey date date range:	01/01/07 - 28/10/14
Number of weekdays (Monday-Friday):	14
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	2

## TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS MULTI-MODAL PEDESTRIANS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	1	540	4.259	1	540	3.333	1	540	7.592
07:00 - 08:00	14	846	3.201	14	846	2.644	14	846	5.845
08:00 - 09:00	14	846	6.943	14	846	7.171	14	846	14.114
09:00 - 10:00	14	846	5.160	14	846	4.772	14	846	9.932
10:00 - 11:00	14	846	4.814	14	846	4.730	14	846	9.544
11:00 - 12:00	14	846	4.535	14	846	4.248	14	846	8.783
12:00 - 13:00	14	846	6.233	14	846	6.090	14	846	12.323
13:00 - 14:00	14	846	5.076	14	846	5.135	14	846	10.211
14:00 - 15:00	14	846	4.721	14	846	4.916	14	846	9.637
15:00 - 16:00	14	846	6.959	14	846	7.095	14	846	14.054
16:00 - 17:00	14	846	4.949	14	846	5.456	14	846	10.405
17:00 - 18:00	14	846	4.476	14	846	4.899	14	846	9.375
18:00 - 19:00	14	846	3.302	14	846	3.784	14	846	7.086
19:00 - 20:00	12	935	3.308	12	935	3.593	12	935	6.901
20:00 - 21:00	11	874	2.060	11	874	2.373	11	874	4.433
21:00 - 22:00	6	823	2.611	6	823	2.996	6	823	5.607
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			72.607			73.235			145.842

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:	260 - 1840 (units: sqm)
Survey date date range:	01/01/07 - 28/10/14
Number of weekdays (Monday-Friday):	14
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	2

## TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS MULTI-MODAL BUS/TRAM PASSENGERS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS			[	DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	1	540	0.741	1	540	1.111	1	540	1.852
07:00 - 08:00	14	846	0.068	14	846	0.084	14	846	0.152
08:00 - 09:00	14	846	0.093	14	846	0.169	14	846	0.262
09:00 - 10:00	14	846	0.059	14	846	0.025	14	846	0.084
10:00 - 11:00	14	846	0.144	14	846	0.127	14	846	0.271
11:00 - 12:00	14	846	0.253	14	846	0.313	14	846	0.565
12:00 - 13:00	14	846	0.211	14	846	0.169	14	846	0.380
13:00 - 14:00	14	846	0.253	14	846	0.144	14	846	0.397
14:00 - 15:00	14	846	0.253	14	846	0.144	14	846	0.397
15:00 - 16:00	14	846	0.287	14	846	0.093	14	846	0.380
16:00 - 17:00	14	846	0.135	14	846	0.118	14	846	0.253
17:00 - 18:00	14	846	0.144	14	846	0.101	14	846	0.245
18:00 - 19:00	14	846	0.076	14	846	0.118	14	846	0.194
19:00 - 20:00	12	935	0.125	12	935	0.080	12	935	0.205
20:00 - 21:00	11	874	0.062	11	874	0.073	11	874	0.135
21:00 - 22:00	6	823	0.223	6	823	0.162	6	823	0.385
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			3.127			3.030			6.157

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:	260 - 1840 (units: sqm)
Survey date date range:	01/01/07 - 28/10/14
Number of weekdays (Monday-Friday):	14
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	2

## TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS MULTI-MODAL TOTAL RAIL PASSENGERS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	1	540	0.000	1	540	0.000	1	540	0.000
07:00 - 08:00	14	846	0.017	14	846	0.008	14	846	0.025
08:00 - 09:00	14	846	0.008	14	846	0.008	14	846	0.016
09:00 - 10:00	14	846	0.008	14	846	0.008	14	846	0.016
10:00 - 11:00	14	846	0.000	14	846	0.000	14	846	0.000
11:00 - 12:00	14	846	0.000	14	846	0.000	14	846	0.000
12:00 - 13:00	14	846	0.008	14	846	0.008	14	846	0.016
13:00 - 14:00	14	846	0.034	14	846	0.025	14	846	0.059
14:00 - 15:00	14	846	0.000	14	846	0.000	14	846	0.000
15:00 - 16:00	14	846	0.000	14	846	0.017	14	846	0.017
16:00 - 17:00	14	846	0.000	14	846	0.000	14	846	0.000
17:00 - 18:00	14	846	0.000	14	846	0.000	14	846	0.000
18:00 - 19:00	14	846	0.017	14	846	0.017	14	846	0.034
19:00 - 20:00	12	935	0.000	12	935	0.000	12	935	0.000
20:00 - 21:00	11	874	0.000	11	874	0.000	11	874	0.000
21:00 - 22:00	6	823	0.000	6	823	0.000	6	823	0.000
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.092			0.091			0.183

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:	260 - 1840 (units: sqm)
Survey date date range:	01/01/07 - 28/10/14
Number of weekdays (Monday-Friday):	14
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	2

## TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS MULTI-MODAL COACH PASSENGERS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		[	DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	1	540	0.000	1	540	0.000	1	540	0.000
07:00 - 08:00	14	846	0.034	14	846	0.034	14	846	0.068
08:00 - 09:00	14	846	0.000	14	846	0.000	14	846	0.000
09:00 - 10:00	14	846	0.000	14	846	0.000	14	846	0.000
10:00 - 11:00	14	846	0.017	14	846	0.017	14	846	0.034
11:00 - 12:00	14	846	0.008	14	846	0.008	14	846	0.016
12:00 - 13:00	14	846	0.008	14	846	0.008	14	846	0.016
13:00 - 14:00	14	846	0.008	14	846	0.008	14	846	0.016
14:00 - 15:00	14	846	0.000	14	846	0.000	14	846	0.000
15:00 - 16:00	14	846	0.000	14	846	0.000	14	846	0.000
16:00 - 17:00	14	846	0.008	14	846	0.008	14	846	0.016
17:00 - 18:00	14	846	0.000	14	846	0.000	14	846	0.000
18:00 - 19:00	14	846	0.000	14	846	0.000	14	846	0.000
19:00 - 20:00	12	935	0.000	12	935	0.000	12	935	0.000
20:00 - 21:00	11	874	0.000	11	874	0.000	11	874	0.000
21:00 - 22:00	6	823	0.040	6	823	0.121	6	823	0.161
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.123			0.204			0.327

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:	260 - 1840 (units: sqm)
Survey date date range:	01/01/07 - 28/10/14
Number of weekdays (Monday-Friday):	14
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	2

## TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS MULTI-MODAL PUBLIC TRANSPORT USERS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	1	540	0.741	1	540	1.111	1	540	1.852
07:00 - 08:00	14	846	0.118	14	846	0.127	14	846	0.245
08:00 - 09:00	14	846	0.101	14	846	0.177	14	846	0.278
09:00 - 10:00	14	846	0.068	14	846	0.034	14	846	0.102
10:00 - 11:00	14	846	0.160	14	846	0.144	14	846	0.304
11:00 - 12:00	14	846	0.262	14	846	0.321	14	846	0.583
12:00 - 13:00	14	846	0.228	14	846	0.186	14	846	0.414
13:00 - 14:00	14	846	0.296	14	846	0.177	14	846	0.473
14:00 - 15:00	14	846	0.253	14	846	0.144	14	846	0.397
15:00 - 16:00	14	846	0.287	14	846	0.110	14	846	0.397
16:00 - 17:00	14	846	0.144	14	846	0.127	14	846	0.271
17:00 - 18:00	14	846	0.144	14	846	0.101	14	846	0.245
18:00 - 19:00	14	846	0.093	14	846	0.135	14	846	0.228
19:00 - 20:00	12	935	0.125	12	935	0.080	12	935	0.205
20:00 - 21:00	11	874	0.062	11	874	0.073	11	874	0.135
21:00 - 22:00	6	823	0.263	6	823	0.283	6	823	0.546
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			3.345			3.330			6.675

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:	260 - 1840 (units: sqm)
Survey date date range:	01/01/07 - 28/10/14
Number of weekdays (Monday-Friday):	14
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	2

## TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS MULTI-MODAL TOTAL PEOPLE Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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	1	540	6.667	1	540	5.926	1	540	12.593
07:00 - 08:00	14	846	8.539	14	846	7.255	14	846	15.794
08:00 - 09:00	14	846	13.640	14	846	13.480	14	846	27.120
09:00 - 10:00	14	846	12.204	14	846	11.208	14	846	23.412
10:00 - 11:00	14	846	12.306	14	846	11.563	14	846	23.868
11:00 - 12:00	14	846	12.179	14	846	12.027	14	846	24.206
12:00 - 13:00	14	846	15.718	14	846	15.194	14	846	30.912
13:00 - 14:00	14	846	13.581	14	846	13.640	14	846	27.221
14:00 - 15:00	14	846	12.323	14	846	12.660	14	846	24.983
15:00 - 16:00	14	846	14.848	14	846	15.338	14	846	30.186
16:00 - 17:00	14	846	12.804	14	846	13.530	14	846	26.334
17:00 - 18:00	14	846	12.711	14	846	13.767	14	846	26.478
18:00 - 19:00	14	846	11.486	14	846	12.348	14	846	23.834
19:00 - 20:00	12	935	10.022	12	935	10.397	12	935	20.419
20:00 - 21:00	11	874	6.878	11	874	7.492	11	874	14.370
21:00 - 22:00	6	823	8.117	6	823	8.745	6	823	16.862
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			184.023			184.569			368.592

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.

## Parameter summary

Trip rate parameter range selected:	260 - 1840 (units: sqm)			
Survey date date range:	01/01/07 - 28/10/14			
Number of weekdays (Monday-Friday):	14			
Number of Saturdays:	0			
Number of Sundays:	0			
Surveys manually removed from selection:	2			

# Appendix 6

TRICS Data for Neighbourhood Centre Trip Rates – Pub/Restaurant

Calculation Reference: AUDIT-355901-160129-0114

### TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use	: 06 - HOTEL, FOOD & DRINK		
Category	: C - PUB/RESTAURANT		
MUĽTÍ-MODAL VEHICLES			

Selec	ted reg	ions and areas:		
02	SOUT	TH EAST		
	ΕX	ESSEX	1 days	5
	HC	HAMPSHIRE	1 days	3
03	SOUT	TH WEST		
	CW	CORNWALL	1 days	3
05	EAST	MIDLANDS		
	NT	NOTTINGHAMSHIRE	1 days	S
06	WEST	「 MIDLANDS		
	SH	SHROPSHIRE	1 days	5
	ST	STAFFORDSHIRE	1 days	S
09	NOR	ĨΗ		
	ΤV	TEES VALLEY	1 days	3

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

### Filtering Stage 2 selection:

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

Parameter:	Gross floor area
Actual Range:	285 to 1400 (units: sqm)
Range Selected by User:	270 to 2000 (units: sqm)

Public Transport Provision: Selection by:

Include all surveys

Date Range: 01/01/07 to 25/05/14

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:	
Wednesday	1 days
Friday	6 days

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

Selected survey types:	
Manual count	7 days
Directional ATC Count	0 days

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

Selected Locations:	
Suburban Area (PPS6 Out of Centre)	4
Edge of Town	3

This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and Not Known.

Selected Location Sub Categories:	
Residential Zone	2
No Sub Category	5

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

Filtering Stage 3 selection:

<u>Use Class:</u>	
A3	1 days
A4	6 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	2 days
10,001 to 15,000	2 days
15,001 to 20,000	1 days
25,001 to 50,000	2 days

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

Population within 5 miles:	
5,001 to 25,000	2 days
50,001 to 75,000	1 days
75,001 to 100,000	1 days
250,001 to 500,000	3 days

This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:	
0.6 to 1.0	2 days
1.1 to 1.5	4 days
2.1 to 2.5	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:

No

7 days

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

LIST OF SITES relevant to selection parameters

1	CW-06-C-01 PUB/RESTAURANT FORE STREET		CORNWALL
	POOL		
	CAMBORNE		
	Suburban Area (PPS6 Out of Centre)		
	No Sub Category Total Gross floor area:	285 sqm	
	Survey date: FRIDAY	21/09/07	Survey Type: MANUAL
2	EX-06-C-02 HARVESTER	21/0//0/	ESSEX
	LONDON ROAD		
	STANWAY		
	COLCHESTER		
	Edge of Town		
	No Sub Category	4E0	
	Total Gross floor area: Survey date: FRIDAY	450 sqm 08/11/13	Survey Type: MANUAL
3	HC-06-C-02 BEEFEATER	00/11/13	HAMPSHIRE
5	BOURNEMOUTH ROAD		
	AMPFIELD		
	EASTLEIGH		
	Suburban Area (PPS6 Out of Centre)		
	No Sub Category		
	Total Gross floor area:	450 sqm	
4	Survey date: FRIDAY	16/11/07	Survey Type: MANUAL
4	NT-06-C-02 PUB/RESTAURANT MANSFIELD ROAD		NOTTINGHAMISHIRE
	DAYBROOK		
	NOTTINGHAM		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Gross floor area:	1185 sqm	
F	Survey date: FRIDAY	18/05/07	Survey Type: MANUAL SHROPSHIRE
5	SH-06-C-02 HUNGRY HORSE WELSHPOOL ROAD		SHRUPSHIRE
	SHELTON		
	SHREWSBURY		
	Edge of Town		
	No Sub Category		
	Total Gross floor area:	1400 sqm	
,	Survey date: FRIDAY	26/06/09	Survey Type: MANUAL
6	ST-06-C-01 HARVESTER STONE ROAD		STAFFORDSHIRE
	TRENTHAM		
	STOKE-ON-TRENT		
	Edge of Town		
	Residential Zone		
	Total Gross floor area:	720 sqm	
-	Survey date: WEDNESDAY	23/10/13	Survey Type: MANUAL
7	TV-06-C-01 PUB/RES. MARTON ROAD		TEES VALLEY
	MIDDLESBROUGH		
	Suburban Area (PPS6 Out of Centre)		
	No Sub Category		
	Total Gross floor area: Survey date: FRIDAY	1200 sqm 21/09/07	Survey Type: MANUAL
		1 1 /1 10 1 /1 1 /	

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 06 - HOTEL, FOOD & DRINK/C - PUB/RESTAURANT MULTI-MODAL VEHICLES Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS				DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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									
08:00 - 09:00									
09:00 - 10:00									
10:00 - 11:00	7	813	0.316	7	813	0.228	7	813	0.544
11:00 - 12:00	7	813	1.248	7	813	0.527	7	813	1.775
12:00 - 13:00	7	813	2.917	7	813	1.248	7	813	4.165
13:00 - 14:00	7	813	2.355	7	813	2.056	7	813	4.411
14:00 - 15:00	7	813	1.195	7	813	2.724	7	813	3.919
15:00 - 16:00	7	813	1.142	7	813	1.336	7	813	2.478
16:00 - 17:00	7	813	1.828	7	813	1.195	7	813	3.023
17:00 - 18:00	7	813	2.847	7	813	1.845	7	813	4.692
18:00 - 19:00	7	813	3.023	7	813	2.513	7	813	5.536
19:00 - 20:00	7	813	3.023	7	813	2.724	7	813	5.747
20:00 - 21:00	7	813	1.880	7	813	2.408	7	813	4.288
21:00 - 22:00	7	813	1.037	7	813	2.056	7	813	3.093
22:00 - 23:00	7	813	0.492	7	813	1.670	7	813	2.162
23:00 - 24:00	7	813	0.211	7	813	1.160	7	813	1.371
Total Rates:			23.514			23.690			47.204

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:	285 - 1400 (units: sqm)
Survey date date range:	01/01/07 - 25/05/14
Number of weekdays (Monday-Friday):	7
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	1

## TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/C - PUB/RESTAURANT MULTI-MODAL TAXIS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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									
08:00 - 09:00									
09:00 - 10:00									
10:00 - 11:00	7	813	0.000	7	813	0.000	7	813	0.000
11:00 - 12:00	7	813	0.018	7	813	0.018	7	813	0.036
12:00 - 13:00	7	813	0.053	7	813	0.035	7	813	0.088
13:00 - 14:00	7	813	0.018	7	813	0.018	7	813	0.036
14:00 - 15:00	7	813	0.018	7	813	0.018	7	813	0.036
15:00 - 16:00	7	813	0.018	7	813	0.018	7	813	0.036
16:00 - 17:00	7	813	0.000	7	813	0.000	7	813	0.000
17:00 - 18:00	7	813	0.088	7	813	0.070	7	813	0.158
18:00 - 19:00	7	813	0.035	7	813	0.053	7	813	0.088
19:00 - 20:00	7	813	0.141	7	813	0.141	7	813	0.282
20:00 - 21:00	7	813	0.070	7	813	0.070	7	813	0.140
21:00 - 22:00	7	813	0.105	7	813	0.088	7	813	0.193
22:00 - 23:00	7	813	0.176	7	813	0.193	7	813	0.369
23:00 - 24:00	7	813	0.105	7	813	0.105	7	813	0.210
Total Rates:			0.845			0.827			1.672

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:	285 - 1400 (units: sqm)
Survey date date range:	01/01/07 - 25/05/14
Number of weekdays (Monday-Friday):	7
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	1

## TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/C - PUB/RESTAURANT MULTI-MODAL OGVS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		[	DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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									
08:00 - 09:00									
09:00 - 10:00									
10:00 - 11:00	7	813	0.018	7	813	0.018	7	813	0.036
11:00 - 12:00	7	813	0.088	7	813	0.053	7	813	0.141
12:00 - 13:00	7	813	0.000	7	813	0.018	7	813	0.018
13:00 - 14:00	7	813	0.000	7	813	0.000	7	813	0.000
14:00 - 15:00	7	813	0.000	7	813	0.018	7	813	0.018
15:00 - 16:00	7	813	0.035	7	813	0.035	7	813	0.070
16:00 - 17:00	7	813	0.018	7	813	0.018	7	813	0.036
17:00 - 18:00	7	813	0.000	7	813	0.000	7	813	0.000
18:00 - 19:00	7	813	0.018	7	813	0.018	7	813	0.036
19:00 - 20:00	7	813	0.000	7	813	0.000	7	813	0.000
20:00 - 21:00	7	813	0.000	7	813	0.000	7	813	0.000
21:00 - 22:00	7	813	0.000	7	813	0.000	7	813	0.000
22:00 - 23:00	7	813	0.000	7	813	0.000	7	813	0.000
23:00 - 24:00	7	813	0.000	7	813	0.000	7	813	0.000
Total Rates:			0.177			0.178			0.355

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:	285 - 1400 (units: sqm)
Survey date date range:	01/01/07 - 25/05/14
Number of weekdays (Monday-Friday):	7
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	1

## TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/C - PUB/RESTAURANT MULTI-MODAL PSVS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		[	DEPARTURES		TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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									
08:00 - 09:00									
09:00 - 10:00									
10:00 - 11:00	7	813	0.000	7	813	0.000	7	813	0.000
11:00 - 12:00	7	813	0.035	7	813	0.000	7	813	0.035
12:00 - 13:00	7	813	0.000	7	813	0.000	7	813	0.000
13:00 - 14:00	7	813	0.018	7	813	0.035	7	813	0.053
14:00 - 15:00	7	813	0.000	7	813	0.000	7	813	0.000
15:00 - 16:00	7	813	0.000	7	813	0.000	7	813	0.000
16:00 - 17:00	7	813	0.000	7	813	0.018	7	813	0.018
17:00 - 18:00	7	813	0.000	7	813	0.000	7	813	0.000
18:00 - 19:00	7	813	0.000	7	813	0.000	7	813	0.000
19:00 - 20:00	7	813	0.000	7	813	0.000	7	813	0.000
20:00 - 21:00	7	813	0.000	7	813	0.000	7	813	0.000
21:00 - 22:00	7	813	0.000	7	813	0.000	7	813	0.000
22:00 - 23:00	7	813	0.000	7	813	0.000	7	813	0.000
23:00 - 24:00	7	813	0.000	7	813	0.000	7	813	0.000
Total Rates:			0.053			0.053			0.106

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:	285 - 1400 (units: sqm)
Survey date date range:	01/01/07 - 25/05/14
Number of weekdays (Monday-Friday):	7
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	1

## TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/C - PUB/RESTAURANT MULTI-MODAL CYCLISTS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		I	DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip	
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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										
08:00 - 09:00										
09:00 - 10:00										
10:00 - 11:00	7	813	0.000	7	813	0.000	7	813	0.000	
11:00 - 12:00	7	813	0.018	7	813	0.018	7	813	0.036	
12:00 - 13:00	7	813	0.018	7	813	0.000	7	813	0.018	
13:00 - 14:00	7	813	0.000	7	813	0.000	7	813	0.000	
14:00 - 15:00	7	813	0.018	7	813	0.018	7	813	0.036	
15:00 - 16:00	7	813	0.018	7	813	0.000	7	813	0.018	
16:00 - 17:00	7	813	0.018	7	813	0.035	7	813	0.053	
17:00 - 18:00	7	813	0.000	7	813	0.000	7	813	0.000	
18:00 - 19:00	7	813	0.000	7	813	0.000	7	813	0.000	
19:00 - 20:00	7	813	0.035	7	813	0.000	7	813	0.035	
20:00 - 21:00	7	813	0.018	7	813	0.053	7	813	0.071	
21:00 - 22:00	7	813	0.018	7	813	0.035	7	813	0.053	
22:00 - 23:00	7	813	0.000	7	813	0.000	7	813	0.000	
23:00 - 24:00	7	813	0.000	7	813	0.000	7	813	0.000	
Total Rates:			0.161			0.159			0.320	

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:	285 - 1400 (units: sqm)
Survey date date range:	01/01/07 - 25/05/14
Number of weekdays (Monday-Friday):	7
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	1

## TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/C - PUB/RESTAURANT MULTI-MODAL VEHICLE OCCUPANTS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS			DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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									
08:00 - 09:00									
09:00 - 10:00									
10:00 - 11:00	7	813	0.439	7	813	0.334	7	813	0.773
11:00 - 12:00	7	813	1.845	7	813	0.650	7	813	2.495
12:00 - 13:00	7	813	5.677	7	813	2.021	7	813	7.698
13:00 - 14:00	7	813	4.359	7	813	3.743	7	813	8.102
14:00 - 15:00	7	813	2.144	7	813	5.220	7	813	7.364
15:00 - 16:00	7	813	2.144	7	813	2.355	7	813	4.499
16:00 - 17:00	7	813	3.322	7	813	2.091	7	813	5.413
17:00 - 18:00	7	813	4.938	7	813	3.199	7	813	8.137
18:00 - 19:00	7	813	6.520	7	813	4.534	7	813	11.054
19:00 - 20:00	7	813	5.747	7	813	5.712	7	813	11.459
20:00 - 21:00	7	813	3.902	7	813	4.728	7	813	8.630
21:00 - 22:00	7	813	1.828	7	813	3.884	7	813	5.712
22:00 - 23:00	7	813	0.721	7	813	3.163	7	813	3.884
23:00 - 24:00	7	813	0.211	7	813	2.355	7	813	2.566
Total Rates:			43.797			43.989			87.786

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:	285 - 1400 (units: sqm)
Survey date date range:	01/01/07 - 25/05/14
Number of weekdays (Monday-Friday):	7
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	1

## TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/C - PUB/RESTAURANT MULTI-MODAL PEDESTRIANS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		[	DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip	
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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										
08:00 - 09:00										
09:00 - 10:00										
10:00 - 11:00	7	813	0.070	7	813	0.000	7	813	0.070	
11:00 - 12:00	7	813	0.510	7	813	0.123	7	813	0.633	
12:00 - 13:00	7	813	0.984	7	813	0.422	7	813	1.406	
13:00 - 14:00	7	813	0.896	7	813	1.336	7	813	2.232	
14:00 - 15:00	7	813	0.492	7	813	0.879	7	813	1.371	
15:00 - 16:00	7	813	0.439	7	813	0.264	7	813	0.703	
16:00 - 17:00	7	813	0.422	7	813	0.193	7	813	0.615	
17:00 - 18:00	7	813	0.685	7	813	0.492	7	813	1.177	
18:00 - 19:00	7	813	0.967	7	813	0.615	7	813	1.582	
19:00 - 20:00	7	813	0.967	7	813	0.510	7	813	1.477	
20:00 - 21:00	7	813	0.967	7	813	0.475	7	813	1.442	
21:00 - 22:00	7	813	0.422	7	813	0.967	7	813	1.389	
22:00 - 23:00	7	813	0.105	7	813	0.668	7	813	0.773	
23:00 - 24:00	7	813	0.018	7	813	0.721	7	813	0.739	
Total Rates:			7.944			7.665			15.609	

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:	285 - 1400 (units: sqm)
Survey date date range:	01/01/07 - 25/05/14
Number of weekdays (Monday-Friday):	7
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	1

## TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/C - PUB/RESTAURANT MULTI-MODAL BUS/TRAM PASSENGERS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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									
08:00 - 09:00									
09:00 - 10:00									
10:00 - 11:00	7	813	0.018	7	813	0.000	7	813	0.018
11:00 - 12:00	7	813	0.123	7	813	0.018	7	813	0.141
12:00 - 13:00	7	813	0.176	7	813	0.000	7	813	0.176
13:00 - 14:00	7	813	0.070	7	813	0.070	7	813	0.140
14:00 - 15:00	7	813	0.053	7	813	0.053	7	813	0.106
15:00 - 16:00	7	813	0.000	7	813	0.123	7	813	0.123
16:00 - 17:00	7	813	0.000	7	813	0.000	7	813	0.000
17:00 - 18:00	7	813	0.018	7	813	0.070	7	813	0.088
18:00 - 19:00	7	813	0.000	7	813	0.018	7	813	0.018
19:00 - 20:00	7	813	0.000	7	813	0.000	7	813	0.000
20:00 - 21:00	7	813	0.000	7	813	0.053	7	813	0.053
21:00 - 22:00	7	813	0.000	7	813	0.000	7	813	0.000
22:00 - 23:00	7	813	0.000	7	813	0.000	7	813	0.000
23:00 - 24:00	7	813	0.000	7	813	0.000	7	813	0.000
Total Rates:			0.458			0.405			0.863

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:	285 - 1400 (units: sqm)
Survey date date range:	01/01/07 - 25/05/14
Number of weekdays (Monday-Friday):	7
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	1

## TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/C - PUB/RESTAURANT MULTI-MODAL TOTAL RAIL PASSENGERS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		[	DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip	
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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										
08:00 - 09:00										
09:00 - 10:00										
10:00 - 11:00	7	813	0.000	7	813	0.000	7	813	0.000	
11:00 - 12:00	7	813	0.000	7	813	0.000	7	813	0.000	
12:00 - 13:00	7	813	0.000	7	813	0.000	7	813	0.000	
13:00 - 14:00	7	813	0.000	7	813	0.000	7	813	0.000	
14:00 - 15:00	7	813	0.000	7	813	0.000	7	813	0.000	
15:00 - 16:00	7	813	0.000	7	813	0.000	7	813	0.000	
16:00 - 17:00	7	813	0.000	7	813	0.000	7	813	0.000	
17:00 - 18:00	7	813	0.000	7	813	0.000	7	813	0.000	
18:00 - 19:00	7	813	0.000	7	813	0.000	7	813	0.000	
19:00 - 20:00	7	813	0.000	7	813	0.000	7	813	0.000	
20:00 - 21:00	7	813	0.000	7	813	0.000	7	813	0.000	
21:00 - 22:00	7	813	0.000	7	813	0.000	7	813	0.000	
22:00 - 23:00	7	813	0.000	7	813	0.000	7	813	0.000	
23:00 - 24:00	7	813	0.000	7	813	0.000	7	813	0.000	
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:	285 - 1400 (units: sqm)
Survey date date range:	01/01/07 - 25/05/14
Number of weekdays (Monday-Friday):	7
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	1

## TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/C - PUB/RESTAURANT MULTI-MODAL COACH PASSENGERS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		I	DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip	
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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										
08:00 - 09:00										
09:00 - 10:00										
10:00 - 11:00	7	813	0.000	7	813	0.000	7	813	0.000	
11:00 - 12:00	7	813	0.000	7	813	0.000	7	813	0.000	
12:00 - 13:00	7	813	0.000	7	813	0.000	7	813	0.000	
13:00 - 14:00	7	813	0.000	7	813	0.000	7	813	0.000	
14:00 - 15:00	7	813	0.000	7	813	0.000	7	813	0.000	
15:00 - 16:00	7	813	0.000	7	813	0.000	7	813	0.000	
16:00 - 17:00	7	813	0.000	7	813	0.000	7	813	0.000	
17:00 - 18:00	7	813	0.000	7	813	0.000	7	813	0.000	
18:00 - 19:00	7	813	0.000	7	813	0.000	7	813	0.000	
19:00 - 20:00	7	813	0.000	7	813	0.000	7	813	0.000	
20:00 - 21:00	7	813	0.000	7	813	0.000	7	813	0.000	
21:00 - 22:00	7	813	0.000	7	813	0.000	7	813	0.000	
22:00 - 23:00	7	813	0.000	7	813	0.000	7	813	0.000	
23:00 - 24:00	7	813	0.000	7	813	0.000	7	813	0.000	
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:	285 - 1400 (units: sqm)
Survey date date range:	01/01/07 - 25/05/14
Number of weekdays (Monday-Friday):	7
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	1

## TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/C - PUB/RESTAURANT MULTI-MODAL PUBLIC TRANSPORT USERS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

	ARRIVALS				DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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									
08:00 - 09:00									
09:00 - 10:00									
10:00 - 11:00	7	813	0.018	7	813	0.000	7	813	0.018
11:00 - 12:00	7	813	0.123	7	813	0.018	7	813	0.141
12:00 - 13:00	7	813	0.176	7	813	0.000	7	813	0.176
13:00 - 14:00	7	813	0.070	7	813	0.070	7	813	0.140
14:00 - 15:00	7	813	0.053	7	813	0.053	7	813	0.106
15:00 - 16:00	7	813	0.000	7	813	0.123	7	813	0.123
16:00 - 17:00	7	813	0.000	7	813	0.000	7	813	0.000
17:00 - 18:00	7	813	0.018	7	813	0.070	7	813	0.088
18:00 - 19:00	7	813	0.000	7	813	0.018	7	813	0.018
19:00 - 20:00	7	813	0.000	7	813	0.000	7	813	0.000
20:00 - 21:00	7	813	0.000	7	813	0.053	7	813	0.053
21:00 - 22:00	7	813	0.000	7	813	0.000	7	813	0.000
22:00 - 23:00	7	813	0.000	7	813	0.000	7	813	0.000
23:00 - 24:00	7	813	0.000	7	813	0.000	7	813	0.000
Total Rates:			0.458			0.405			0.863

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:	285 - 1400 (units: sqm)
Survey date date range:	01/01/07 - 25/05/14
Number of weekdays (Monday-Friday):	7
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	1

## TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/C - PUB/RESTAURANT MULTI-MODAL TOTAL PEOPLE Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

		ARRIVALS		[	DEPARTURES		TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	GFA	Rate	Days	GFA	Rate	Days	GFA	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									
08:00 - 09:00									
09:00 - 10:00									
10:00 - 11:00	7	813	0.527	7	813	0.334	7	813	0.861
11:00 - 12:00	7	813	2.496	7	813	0.808	7	813	3.304
12:00 - 13:00	7	813	6.854	7	813	2.443	7	813	9.297
13:00 - 14:00	7	813	5.325	7	813	5.149	7	813	10.474
14:00 - 15:00	7	813	2.707	7	813	6.169	7	813	8.876
15:00 - 16:00	7	813	2.601	7	813	2.742	7	813	5.343
16:00 - 17:00	7	813	3.761	7	813	2.320	7	813	6.081
17:00 - 18:00	7	813	5.641	7	813	3.761	7	813	9.402
18:00 - 19:00	7	813	7.487	7	813	5.167	7	813	12.654
19:00 - 20:00	7	813	6.749	7	813	6.221	7	813	12.970
20:00 - 21:00	7	813	4.886	7	813	5.308	7	813	10.194
21:00 - 22:00	7	813	2.267	7	813	4.886	7	813	7.153
22:00 - 23:00	7	813	0.826	7	813	3.831	7	813	4.657
23:00 - 24:00	7	813	0.228	7	813	3.076	7	813	3.304
Total Rates:			52.355			52.215			104.570

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:	285 - 1400 (units: sqm)
Survey date date range:	01/01/07 - 25/05/14
Number of weekdays (Monday-Friday):	7
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	1

# Appendix 7

TRICS Data for Primary School Trip Rates

TRICS 7.2.4 250216 B17.31 (C) 2016 TRICS Consortium Ltd	Thursday 03/03/16
1107 Peel Hall, Warrington	Page 1
Highgate Transportation Ltd Park Street Bristol	Licence No: 355901

Calculation Reference: AUDIT-355901-160303-0325

#### TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use	: 04 - EDUCATION
Category	: A - PRIMARY
MULTI -	MODAL VEHICLES

Selec	ted regions and areas:	
02	SOUTH EAST	
	SC SURREY	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NE NORTH EAST LINCOLNSHIRE	1 days
80	NORTH WEST	-
	MS MERSEYSIDE	1 days

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

### Filtering Stage 2 selection:

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

Include all surveys

Parameter:	Number of pupils
Actual Range:	147 to 414 (units: )
Range Selected by User:	92 to 450 (units: )

Public Transport Provision: Selection by:

Date Range: 01/01/07 to 20/05/14

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:	
Tuesday	1 days
Thursday	2 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 undertaking using machines.

Selected Locations:	
Suburban Area (PPS6 Out of Centre)	1
Edge of Town	1
Neighbourhood Centre (PPS6 Local Centre)	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.

2 1

Selected Location Sub Categories:	_
Residential Zone	
Village	

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.

TRICS 7.2.4 250216 B17.31 (C) 2016 TR 1107 Peel Hall, Warrington	ICS Consortium Ltd	Thursday 03/03/16 Page 2
	Bristol	Licence No: 355901
Filtering Stage 3 selection:		
<u>Use Class:</u> D1	3 days	
1 5	eys per Use Class classification within the selected set. can be found within the Library module of TRICS®.	The Use Classes Order 2005
Population within 1 mile:		
1,001 to 5,000	1 days	
5,001 to 10,000	2 days	
This data displays the number of select Population within 5 miles:	ted surveys within stated 1-mile radii of population.	
5,001 to 25,000	1 days	
75,001 to 100,000	1 days	
250,001 to 500,000	1 days	
This data displays the number of selec	ted surveys within stated 5-mile radii of population.	
Car ownership within 5 miles:		
0.6 to 1.0	1 days	
1.1 to 1.5	2 days	
This data displays the number of selected swithin a radius of 5-miles of selected s	ted surveys within stated ranges of average cars owne survey sites.	d per residential dwelling,

<u>Travel Plan:</u>	
Yes	1 days
No	2 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.

TRICS 7.2.4 250216 B17.31 (C) 2016 TRICS Consortiur	n Ltd	Thursday 03/03/16
1107 Peel Hall, Warrington		Page 3
Highgate Transportation Ltd Park Street Bristol		Licence No: 355901
LIST OF SITES relevant to selection parameters		
1 MS-04-A-02 PRIMARY SCHOOL		MERSEYSIDE
BOOKER AVENUE		
ALVERTON		
LIVERPOOL		
Suburban Area (PPS6 Out of Centre)		
Residential Zone	264	
Total Number of pupils: Survey date: THURSDAY	204 13/06/13	Survey Type: MANUAL
2 NE-04-A-01 PRIMARY SCHOOL	13/00/13	NORTH EAST LINCOLNSHIRE
SUNNINGDALE ROAD		NORTHEAST EINCOENSHIRE
SUMMINUDALE NOAD		
SCUNTHORPE		
Edge of Town		
Residential Zone		
Total Number of pupils:	147	
Survey date: TUESDAY	20/05/14	Survey Type: MANUAL
3 SC-04-A-01 PRIMARY SCHOOL		SURREY
SCHOOL LANE		
PIRBRIGHT		
NEAR WOKING		
Neighbourhood Centre (PPS6 Local Centre)		
Village		
Total Number of pupils:	414	
Survey date: THURSDAY	22/11/12	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 04 - EDUCATION/A - PRIMARY MULTI-MODAL VEHICLES Calculation factor: 1 PUPILS BOLD print indicates peak (busiest) period

	ARRIVALS		DEPARTURES			TOTALS			
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	PUPILS	Rate	Days	PUPILS	Rate	Days	PUPILS	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	275	0.057	3	275	0.023	3	275	0.080
08:00 - 09:00	3	275	0.269	3	275	0.189	3	275	0.458
09:00 - 10:00	3	275	0.048	3	275	0.056	3	275	0.104
10:00 - 11:00	3	275	0.015	3	275	0.010	3	275	0.025
11:00 - 12:00	3	275	0.027	3	275	0.013	3	275	0.040
12:00 - 13:00	3	275	0.018	3	275	0.025	3	275	0.043
13:00 - 14:00	3	275	0.025	3	275	0.041	3	275	0.066
14:00 - 15:00	3	275	0.050	3	275	0.024	3	275	0.074
15:00 - 16:00	3	275	0.120	3	275	0.148	3	275	0.268
16:00 - 17:00	3	275	0.116	3	275	0.165	3	275	0.281
17:00 - 18:00	3	275	0.045	3	275	0.063	3	275	0.108
18:00 - 19:00	3	275	0.040	3	275	0.030	3	275	0.070
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.830			0.787			1.617

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:	147 - 414 (units: )
Survey date date range:	01/01/07 - 20/05/14
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

TRIP RATE for Land Use 04 - EDUCATION/A - PRIMARY MULTI-MODAL TAXIS Calculation factor: 1 PUPILS BOLD print indicates peak (busiest) period

	ARRIVALS			[	DEPARTURES		TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	PUPILS	Rate	Days	PUPILS	Rate	Days	PUPILS	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	275	0.000	3	275	0.000	3	275	0.000
08:00 - 09:00	3	275	0.002	3	275	0.002	3	275	0.004
09:00 - 10:00	3	275	0.002	3	275	0.001	3	275	0.003
10:00 - 11:00	3	275	0.000	3	275	0.001	3	275	0.001
11:00 - 12:00	3	275	0.001	3	275	0.000	3	275	0.001
12:00 - 13:00	3	275	0.000	3	275	0.001	3	275	0.001
13:00 - 14:00	3	275	0.000	3	275	0.000	3	275	0.000
14:00 - 15:00	3	275	0.000	3	275	0.000	3	275	0.000
15:00 - 16:00	3	275	0.001	3	275	0.001	3	275	0.002
16:00 - 17:00	3	275	0.000	3	275	0.000	3	275	0.000
17:00 - 18:00	3	275	0.000	3	275	0.000	3	275	0.000
18:00 - 19:00	3	275	0.000	3	275	0.000	3	275	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.006			0.006			0.012

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:	147 - 414 (units: )
Survey date date range:	01/01/07 - 20/05/14
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

TRIP RATE for Land Use 04 - EDUCATION/A - PRIMARY MULTI-MODAL OGVS Calculation factor: 1 PUPILS BOLD print indicates peak (busiest) period

	ARRIVALS			]	DEPARTURES		TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	PUPILS	Rate	Days	PUPILS	Rate	Days	PUPILS	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	275	0.000	3	275	0.000	3	275	0.000
08:00 - 09:00	3	275	0.000	3	275	0.000	3	275	0.000
09:00 - 10:00	3	275	0.000	3	275	0.000	3	275	0.000
10:00 - 11:00	3	275	0.000	3	275	0.000	3	275	0.000
11:00 - 12:00	3	275	0.001	3	275	0.001	3	275	0.002
12:00 - 13:00	3	275	0.000	3	275	0.000	3	275	0.000
13:00 - 14:00	3	275	0.001	3	275	0.001	3	275	0.002
14:00 - 15:00	3	275	0.000	3	275	0.000	3	275	0.000
15:00 - 16:00	3	275	0.000	3	275	0.000	3	275	0.000
16:00 - 17:00	3	275	0.000	3	275	0.000	3	275	0.000
17:00 - 18:00	3	275	0.000	3	275	0.000	3	275	0.000
18:00 - 19:00	3	275	0.000	3	275	0.000	3	275	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
									0.004

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

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

### Parameter summary

Trip rate parameter range selected:	147 - 414 (units: )
Survey date date range:	01/01/07 - 20/05/14
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

TRIP RATE for Land Use 04 - EDUCATION/A - PRIMARY MULTI-MODAL PSVS Calculation factor: 1 PUPILS BOLD print indicates peak (busiest) period

	ARRIVALS			[	DEPARTURES		TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	PUPILS	Rate	Days	PUPILS	Rate	Days	PUPILS	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	275	0.000	3	275	0.000	3	275	0.000
08:00 - 09:00	3	275	0.000	3	275	0.000	3	275	0.000
09:00 - 10:00	3	275	0.000	3	275	0.000	3	275	0.000
10:00 - 11:00	3	275	0.000	3	275	0.000	3	275	0.000
11:00 - 12:00	3	275	0.000	3	275	0.000	3	275	0.000
12:00 - 13:00	3	275	0.000	3	275	0.000	3	275	0.000
13:00 - 14:00	3	275	0.000	3	275	0.000	3	275	0.000
14:00 - 15:00	3	275	0.000	3	275	0.000	3	275	0.000
15:00 - 16:00	3	275	0.000	3	275	0.000	3	275	0.000
16:00 - 17:00	3	275	0.000	3	275	0.000	3	275	0.000
17:00 - 18:00	3	275	0.000	3	275	0.000	3	275	0.000
18:00 - 19:00	3	275	0.000	3	275	0.000	3	275	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:	147 - 414 (units: )
Survey date date range:	01/01/07 - 20/05/14
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

TRIP RATE for Land Use 04 - EDUCATION/A - PRIMARY MULTI-MODAL CYCLISTS Calculation factor: 1 PUPILS BOLD print indicates peak (busiest) period

	ARRIVALS			[	DEPARTURES	;	TOTALS			
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip	
Time Range	Days	PUPILS	Rate	Days	PUPILS	Rate	Days	PUPILS	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	275	0.007	3	275	0.000	3	275	0.007	
08:00 - 09:00	3	275	0.015	3	275	0.004	3	275	0.019	
09:00 - 10:00	3	275	0.002	3	275	0.004	3	275	0.006	
10:00 - 11:00	3	275	0.000	3	275	0.001	3	275	0.001	
11:00 - 12:00	3	275	0.000	3	275	0.000	3	275	0.000	
12:00 - 13:00	3	275	0.000	3	275	0.000	3	275	0.000	
13:00 - 14:00	3	275	0.000	3	275	0.000	3	275	0.000	
14:00 - 15:00	3	275	0.000	3	275	0.001	3	275	0.001	
15:00 - 16:00	3	275	0.007	3	275	0.005	3	275	0.012	
16:00 - 17:00	3	275	0.001	3	275	0.016	3	275	0.017	
17:00 - 18:00	3	275	0.000	3	275	0.002	3	275	0.002	
18:00 - 19:00	3	275	0.000	3	275	0.000	3	275	0.000	
19:00 - 20:00										
20:00 - 21:00										
21:00 - 22:00										
22:00 - 23:00										
23:00 - 24:00										
Total Rates:			0.032			0.033			0.065	

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:	147 - 414 (units: )
Survey date date range:	01/01/07 - 20/05/14
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

TRIP RATE for Land Use 04 - EDUCATION/A - PRIMARY MULTI-MODAL VEHICLE OCCUPANTS Calculation factor: 1 PUPILS BOLD print indicates peak (busiest) period

	ARRIVALS			[	DEPARTURES	, )	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	PUPILS	Rate	Days	PUPILS	Rate	Days	PUPILS	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	275	0.079	3	275	0.036	3	275	0.115
08:00 - 09:00	3	275	0.469	3	275	0.210	3	275	0.679
09:00 - 10:00	3	275	0.074	3	275	0.038	3	275	0.112
10:00 - 11:00	3	275	0.018	3	275	0.012	3	275	0.030
11:00 - 12:00	3	275	0.029	3	275	0.016	3	275	0.045
12:00 - 13:00	3	275	0.019	3	275	0.027	3	275	0.046
13:00 - 14:00	3	275	0.029	3	275	0.051	3	275	0.080
14:00 - 15:00	3	275	0.029	3	275	0.028	3	275	0.057
15:00 - 16:00	3	275	0.132	3	275	0.240	3	275	0.372
16:00 - 17:00	3	275	0.093	3	275	0.287	3	275	0.380
17:00 - 18:00	3	275	0.045	3	275	0.092	3	275	0.137
18:00 - 19:00	3	275	0.081	3	275	0.032	3	275	0.113
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.097			1.069			2.166

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:	147 - 414 (units: )
Survey date date range:	01/01/07 - 20/05/14
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

TRIP RATE for Land Use 04 - EDUCATION/A - PRIMARY MULTI-MODAL PEDESTRIANS Calculation factor: 1 PUPILS BOLD print indicates peak (busiest) period

	ARRIVALS			[	DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	PUPILS	Rate	Days	PUPILS	Rate	Days	PUPILS	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	275	0.025	3	275	0.002	3	275	0.027
08:00 - 09:00	3	275	0.778	3	275	0.280	3	275	1.058
09:00 - 10:00	3	275	0.058	3	275	0.073	3	275	0.131
10:00 - 11:00	3	275	0.006	3	275	0.001	3	275	0.007
11:00 - 12:00	3	275	0.025	3	275	0.035	3	275	0.060
12:00 - 13:00	3	275	0.018	3	275	0.024	3	275	0.042
13:00 - 14:00	3	275	0.006	3	275	0.011	3	275	0.017
14:00 - 15:00	3	275	0.025	3	275	0.016	3	275	0.041
15:00 - 16:00	3	275	0.288	3	275	0.647	3	275	0.935
16:00 - 17:00	3	275	0.042	3	275	0.144	3	275	0.186
17:00 - 18:00	3	275	0.008	3	275	0.012	3	275	0.020
18:00 - 19:00	3	275	0.008	3	275	0.007	3	275	0.015
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.287			1.252			2.539

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:	147 - 414 (units: )
Survey date date range:	01/01/07 - 20/05/14
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

3

3

3

3

3

275

275

275

275

275

0.000

0.000

0.000

0.000

0.000

0.018

Highgate Transportation Ltd Park Street Bristol

14:00 - 15:00

15:00 - 16:00

16:00 - 17:00

17:00 - 18:00

18:00 - 19:00

19:00 - 20:00 20:00 - 21:00 21:00 - 22:00 22:00 - 23:00 23:00 - 24:00

**Total Rates:** 

### TRIP RATE for Land Use 04 - EDUCATION/A - PRIMARY MULTI-MODAL BUS/TRAM PASSENGERS Calculation factor: 1 PUPILS BOLD print indicates peak (busiest) period

BOLD print indicates peak (busiest) period										
		ARRIVALS		[	DEPARTURES		TOTALS			
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip	
Time Range	Days	PUPILS	Rate	Days	PUPILS	Rate	Days	PUPILS	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	275	0.000	3	275	0.000	3	275	0.000	
08:00 - 09:00	3	275	0.018	3	275	0.000	3	275	0.018	
09:00 - 10:00	3	275	0.000	3	275	0.000	3	275	0.000	
10:00 - 11:00	3	275	0.000	3	275	0.000	3	275	0.000	
11:00 - 12:00	3	275	0.000	3	275	0.000	3	275	0.000	
12:00 - 13:00	3	275	0.000	3	275	0.000	3	275	0.000	
13:00 - 14:00	3	275	0.000	3	275	0.000	3	275	0.000	

275

275

275

275

275

0.000

0.013

0.001

0.001

0.000

0.015

3

3

3

3

3

275

275

275

275

275

0.000

0.013

0.001

0.001

0.000

0.033

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.

3

3

3

3

3

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:	147 - 414 (units: )
Survey date date range:	01/01/07 - 20/05/14
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

## TRIP RATE for Land Use 04 - EDUCATION/A - PRIMARY MULTI-MODAL TOTAL RAIL PASSENGERS Calculation factor: 1 PUPILS BOLD print indicates peak (busiest) period

	ARRIVALS		[	DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	PUPILS	Rate	Days	PUPILS	Rate	Days	PUPILS	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	275	0.001	3	275	0.000	3	275	0.001
08:00 - 09:00	3	275	0.001	3	275	0.000	3	275	0.001
09:00 - 10:00	3	275	0.000	3	275	0.000	3	275	0.000
10:00 - 11:00	3	275	0.000	3	275	0.000	3	275	0.000
11:00 - 12:00	3	275	0.000	3	275	0.000	3	275	0.000
12:00 - 13:00	3	275	0.000	3	275	0.000	3	275	0.000
13:00 - 14:00	3	275	0.000	3	275	0.000	3	275	0.000
14:00 - 15:00	3	275	0.000	3	275	0.000	3	275	0.000
15:00 - 16:00	3	275	0.000	3	275	0.002	3	275	0.002
16:00 - 17:00	3	275	0.000	3	275	0.000	3	275	0.000
17:00 - 18:00	3	275	0.000	3	275	0.000	3	275	0.000
18:00 - 19:00	3	275	0.000	3	275	0.000	3	275	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.002			0.002			0.004

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

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

### Parameter summary

Trip rate parameter range selected:	147 - 414 (units: )
Survey date date range:	01/01/07 - 20/05/14
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

TRIP RATE for Land Use 04 - EDUCATION/A - PRIMARY MULTI-MODAL COACH PASSENGERS Calculation factor: 1 PUPILS BOLD print indicates peak (busiest) period

	ARRIVALS		[	DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	PUPILS	Rate	Days	PUPILS	Rate	Days	PUPILS	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	275	0.000	3	275	0.000	3	275	0.000
08:00 - 09:00	3	275	0.000	3	275	0.000	3	275	0.000
09:00 - 10:00	3	275	0.000	3	275	0.000	3	275	0.000
10:00 - 11:00	3	275	0.000	3	275	0.000	3	275	0.000
11:00 - 12:00	3	275	0.000	3	275	0.000	3	275	0.000
12:00 - 13:00	3	275	0.000	3	275	0.000	3	275	0.000
13:00 - 14:00	3	275	0.000	3	275	0.000	3	275	0.000
14:00 - 15:00	3	275	0.000	3	275	0.000	3	275	0.000
15:00 - 16:00	3	275	0.000	3	275	0.000	3	275	0.000
16:00 - 17:00	3	275	0.000	3	275	0.000	3	275	0.000
17:00 - 18:00	3	275	0.000	3	275	0.000	3	275	0.000
18:00 - 19:00	3	275	0.000	3	275	0.000	3	275	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:	147 - 414 (units: )
Survey date date range:	01/01/07 - 20/05/14
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

## TRIP RATE for Land Use 04 - EDUCATION/A - PRIMARY MULTI-MODAL PUBLIC TRANSPORT USERS Calculation factor: 1 PUPILS BOLD print indicates peak (busiest) period

	ARRIVALS		[	DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	PUPILS	Rate	Days	PUPILS	Rate	Days	PUPILS	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	275	0.001	3	275	0.000	3	275	0.001
08:00 - 09:00	3	275	0.019	3	275	0.000	3	275	0.019
09:00 - 10:00	3	275	0.000	3	275	0.000	3	275	0.000
10:00 - 11:00	3	275	0.000	3	275	0.000	3	275	0.000
11:00 - 12:00	3	275	0.000	3	275	0.000	3	275	0.000
12:00 - 13:00	3	275	0.000	3	275	0.000	3	275	0.000
13:00 - 14:00	3	275	0.000	3	275	0.000	3	275	0.000
14:00 - 15:00	3	275	0.000	3	275	0.000	3	275	0.000
15:00 - 16:00	3	275	0.000	3	275	0.016	3	275	0.016
16:00 - 17:00	3	275	0.000	3	275	0.001	3	275	0.001
17:00 - 18:00	3	275	0.000	3	275	0.001	3	275	0.001
18:00 - 19:00	3	275	0.000	3	275	0.000	3	275	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.020			0.018			0.038

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:	147 - 414 (units: )
Survey date date range:	01/01/07 - 20/05/14
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

TRIP RATE for Land Use 04 - EDUCATION/A - PRIMARY MULTI-MODAL TOTAL PEOPLE Calculation factor: 1 PUPILS BOLD print indicates peak (busiest) period

	ARRIVALS		[	DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	PUPILS	Rate	Days	PUPILS	Rate	Days	PUPILS	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	275	0.113	3	275	0.039	3	275	0.152
08:00 - 09:00	3	275	1.281	3	275	0.493	3	275	1.774
09:00 - 10:00	3	275	0.135	3	275	0.114	3	275	0.249
10:00 - 11:00	3	275	0.024	3	275	0.015	3	275	0.039
11:00 - 12:00	3	275	0.055	3	275	0.051	3	275	0.106
12:00 - 13:00	3	275	0.038	3	275	0.051	3	275	0.089
13:00 - 14:00	3	275	0.035	3	275	0.062	3	275	0.097
14:00 - 15:00	3	275	0.055	3	275	0.045	3	275	0.100
15:00 - 16:00	3	275	0.428	3	275	0.908	3	275	1.336
16:00 - 17:00	3	275	0.137	3	275	0.448	3	275	0.585
17:00 - 18:00	3	275	0.053	3	275	0.108	3	275	0.161
18:00 - 19:00	3	275	0.090	3	275	0.039	3	275	0.129
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.444			2.373			4.817

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:	147 - 414 (units: )
Survey date date range:	01/01/07 - 20/05/14
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

## Appendix 2

Residential Trip Rates

## TRIP RATE CALCULATION SELECTION PARAMETERS:

Cate	l Use gory <b>HICLE</b>	: A - HOUSES PRIVATELY OWNED	
		gions and areas:	
02		TH EAST	
	ES	EAST SUSSEX	1 days
	EX		1 days
	SC	SURREY	1 days
03		TH WEST	
	CW	CORNWALL	1 days
	DC	DORSET	1 days
~ ~	WL	WILTSHIRE	1 days
04			1
	CA NF	CAMBRIDGESHIRE	1 days
	SF	NORFOLK	2 days 4 days
05		SUFFOLK T MIDLANDS	4 uays
05	LN	LINCOLNSHIRE	3 days
	NT	NOTTINGHAMSHIRE	1 days
06		T MIDLANDS	i uuys
00	SH	SHROPSHIRE	3 days
	ST	STAFFORDSHIRE	1 days
	WK	WARWICKSHIRE	2 days
	WM	WEST MIDLANDS	3 days
	WO	WORCESTERSHIRE	2 days
07	YOR	KSHIRE & NORTH LINCOLNSHIRE	,-
	NY	NORTH YORKSHIRE	7 days
	SY	SOUTH YORKSHIRE	1 days
08	NOR	TH WEST	
	CH	CHESHIRE	4 days
	GM		1 days
	LC	LANCASHIRE	1 days
	MS	MERSEYSIDE	1 days
09	NOR		
	CB	CUMBRIA	2 days
	ΤW	TYNE & WEAR	1 days

This section displays the number of survey days per  ${\it TRICS} \circledast$  sub-region in the selected set

Park Street Highgate Transportation Ltd Bristol Tuesday 22/03/16

## Filtering Stage 2 selection:

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

Parameter:	Number of dwellings
Actual Range:	6 to 237 (units: )
Range Selected by User:	6 to 4334 (units: )

Public Transport Provision: Selection by:

Include all surveys

Date Range: 01/01/06 to 23/01/14

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

<u>Selected survey days:</u>	
Monday	9 days
Tuesday	14 days
Wednesday	8 days
Thursday	6 days
Friday	9 days

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

Selected survey types:	
Manual count	46 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:	
Edge of Town Centre	2
Suburban Area (PPS6 Out of Centre)	23
Edge of Town	21

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	38
Out of Town	1
No Sub Category	7

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

## Filtering Stage 3 selection:

Use Class: C3

45 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®.

## Filtering Stage 3 selection (Cont.):

Population within 1 mile:	
1,001 to 5,000	7 days
5,001 to 10,000	14 days
10,001 to 15,000	4 days
15,001 to 20,000	11 days
20,001 to 25,000	5 days
25,001 to 50,000	5 days

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

Population within 5 miles:	
5,001 to 25,000	4 days
25,001 to 50,000	4 days
50,001 to 75,000	2 days
75,001 to 100,000	9 days
100,001 to 125,000	9 days
125,001 to 250,000	8 days
250,001 to 500,000	9 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:	
0.5 or Less	1 days
0.6 to 1.0	14 days
1.1 to 1.5	30 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.

<u>Travel Plan:</u>	
Yes	1 days
No	45 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.

Highgate Transportation Ltd Park Street Bristol

LIST OF SITES relevant to selection parameters				
1	CA-03-A-04	DETACHED		CAMBRIDGESHIRE
2	THORPE PARK ROAD PETERBOROUGH Suburban Area (PPSe Residential Zone Total Number of dwe <i>Survey date:</i> <b>CB-03-A-03</b> HAWKSHEAD AVENU	6 Out of Centre) ellings: <i>TUESDAY</i> <b>SEMI DETACHED</b>	9 <i>18/10/11</i>	Survey Type: MANUAL CUMBRIA
3	WORKINGTON Edge of Town Residential Zone Total Number of dwe <i>Survey date:</i> <b>CB-03-A-04</b> MOORCLOSE ROAD SALTERBACK WORKINGTON		40 20/11/08	Survey Type: MANUAL CUMBRIA
4	Edge of Town No Sub Category Total Number of dwe <i>Survey date:</i> <b>CH-03-A-02</b> SYDNEY ROAD		82 24/04/09	Survey Type: MANUAL CHESHIRE
5	CREWE Edge of Town Residential Zone Total Number of dwa <i>Survey date:</i> CH-03-A-05 SYDNEY ROAD SYDNEY ROAD		174 <i>14/10/08</i>	Survey Type: MANUAL CHESHIRE
6	CREWE Edge of Town Residential Zone Total Number of dwe <i>Survey date:</i> <b>CH-03-A-06</b> CREWE ROAD		17 <i>14/10/08</i> <b>OWS</b>	Survey Type: MANUAL CHESHIRE
7	CREWE Suburban Area (PPS No Sub Category Total Number of dwe <i>Survey date:</i> <b>CH-03-A-08</b> WHITCHURCH ROAE BOUGHTON HEATH	ellings: TUESDAY <b>DETACHED</b>	129 <i>14/10/08</i>	Survey Type: MANUAL CHESHIRE
	CHESTER Suburban Area (PPS) Residential Zone Total Number of dwa <i>Survey date:</i>	ellings:	11 22/05/12	Survey Type: MANUAL

8	<b>CW-03-A-02</b> Bosvean gardens	SEMI D./DETATCHED		CORNWALL
9	TRURO Suburban Area (PPSC Residential Zone Total Number of dwe <i>Survey date:</i> <b>DC-03-A-01</b> ISAACS CLOSE	llings:	73 18/09/07	Survey Type: MANUAL DORSET
10	POOLE Suburban Area (PPS6 Residential Zone Total Number of dwe <i>Survey date:</i> <b>ES-03-A-02</b> SOUTH COAST ROAD	llings: WEDNESDAY PRIVATE HOUSING	51 16/07/08	Survey Type: MANUAL EAST SUSSEX
11	PEACEHAVEN Edge of Town Residential Zone Total Number of dwe <i>Survey date:</i> <b>EX-03-A-01</b> MILTON ROAD CORRINGHAM STANFORD-LE-HOPE	FRIDAY SEMI-DET.	37 18/11/11	Survey Type: MANUAL ESSEX
12	Edge of Town Residential Zone Total Number of dwe <i>Survey date:</i> <b>GM-03-A-10</b> BUTT HILL DRIVE PRESTWICH MANCHESTER		237 1 <i>3/05/08</i>	Survey Type: MANUAL GREATER MANCHESTER
13	Edge of Town Residential Zone Total Number of dwe <i>Survey date:</i> <b>LC-03-A-30</b> WATSON ROAD	WEDNESDAY	29 12/10/11	Survey Type: MANUAL LANCASHIRE
14	BLACKPOOL Edge of Town Centre Residential Zone Total Number of dwe <i>Survey date:</i> <b>LN-03-A-01</b> BRANT ROAD BRACEBRIDGE LINCOLN Edge of Town	llings:	24 14/06/13	Survey Type: MANUAL LINCOLNSHIRE
	Residential Zone Total Number of dwe Survey date:		150 <i>15/05/07</i>	Survey Type: MANUAL

15	<b>LN-03-A-02</b> HYKEHAM ROAD	MIXED HOUSES		LINCOLNSHIRE
16	LINCOLN Suburban Area (PPS6 Residential Zone Total Number of dwe <i>Survey date:</i> <b>LN-03-A-03</b> ROOKERY LANE BOULTHAM LINCOLN Suburban Area (PPS6	Illings: MONDAY SEMI DETACHED	186 <i>14/05/07</i>	Survey Type: MANUAL LINCOLNSHIRE
17	Residential Zone Total Number of dwe <i>Survey date:</i> <b>MS-03-A-03</b> BEMPTON ROAD OTTERSPOOL	Illings:	22 18/09/12	Survey Type: MANUAL MERSEYSIDE
18	LIVERPOOL Suburban Area (PPS6 Residential Zone Total Number of dwe <i>Survey date:</i> <b>NF-03-A-01</b> YARMOUTH ROAD	llings:	15 <i>21/06/13</i> L <b>OWS</b>	Survey Type: MANUAL NORFOLK
19	CAISTER-ON-SEA Suburban Area (PPS6 Residential Zone Total Number of dwe <i>Survey date:</i> <b>NF-03-A-02</b> DEREHAM ROAD	Ilings:	27 16/10/12	Survey Type: MANUAL NORFOLK
20	NORWICH Suburban Area (PPS6 Residential Zone Total Number of dwe <i>Survey date:</i> <b>NT-03-A-03</b> B6018 SUTTON ROA	ellings: MONDAY SEMI DETACHED	98 22/10/12	Survey Type: MANUAL NOTTINGHAMSHIRE
21	KIRKBY-IN-ASHFIELD Edge of Town Residential Zone Total Number of dwe <i>Survey date:</i> <b>NY-03-A-03</b> NEW ROW	llings:	166 <i>28/06/06</i>	Survey Type: MANUAL NORTH YORKSHIRE
	BOROUGHBRIDGE Edge of Town Centre Residential Zone Total Number of dwe <i>Survey date:</i>	Illings:	14 15/09/08	Survey Type: MANUAL

22	<b>NY-03-A-06</b> HORSEFAIR	BUNGALOWS & SEMI	DET.	NORTH YORKSHIRE
23	BOROUGHBRIDGE Suburban Area (PPSe Residential Zone Total Number of dwe <i>Survey date:</i> <b>NY-03-A-07</b> CRAVEN WAY	ellings:	115 <i>14/10/11</i> <b>ET.</b>	Survey Type: MANUAL NORTH YORKSHIRE
24	BOROUGHBRIDGE Edge of Town No Sub Category Total Number of dwe <i>Survey date:</i> <b>NY-03-A-08</b> NICHOLAS STREET		23 18/10/11	Survey Type: MANUAL NORTH YORKSHIRE
25	YORK Suburban Area (PPS Residential Zone Total Number of dwe <i>Survey date:</i> <b>NY-03-A-09</b> GRAMMAR SCHOOL	ellings: <i>MONDAY</i> <b>MIXED HOUSING</b>	21 <i>16/09/13</i>	Survey Type: MANUAL NORTH YORKSHIRE
26	NORTHALLERTON Suburban Area (PPSe Residential Zone Total Number of dwe <i>Survey date:</i> <b>NY-03-A-10</b> BOROUGHBRIDGE R	ellings: MONDAY HOUSES AND FLATS	52 <i>16/09/13</i>	Survey Type: MANUAL NORTH YORKSHIRE
27	RIPON Edge of Town No Sub Category Total Number of dwa <i>Survey date:</i> <b>NY-03-A-11</b> HORSEFAIR	TUESDAY	71 <i>17/09/13</i>	Survey Type: MANUAL NORTH YORKSHIRE
28	BOROUGHBRIDGE Edge of Town Residential Zone Total Number of dwa <i>Survey date:</i> <b>SC-03-A-04</b> HIGH ROAD	ellings: WEDNESDAY DETACHED & TERRAC	23 <i>18/09/13</i> CED	Survey Type: MANUAL SURREY
	BYFLEET Edge of Town Residential Zone Total Number of dwe <i>Survey date:</i>		71 23/01/14	Survey Type: MANUAL

9	SF-03-A-01 SEMI DETACHED A1156 FELIXSTOWE ROAD RACECOURSE		SUFFOLK
	IPSWICH		
	Suburban Area (PPS6 Out of Centre) Residential Zone		
	Total Number of dwellings:	77	
	Survey date: WEDNESDAY	23/05/07	Survey Type: MANUAL
0	SF-03-A-02 SEMI DET./TERRAG		SUFFOLK
	IPSWICH		
	Edge of Town		
	Residential Zone Total Number of dwellings:	230	
	Survey date: THURSDAY	230 24/05/07	SURVOV TUDO: MANUA
1	SGIVEY Gale. THORSDAT	24/03/07	Survey Type: MANUAI SUFFOLK
-	BARTON HILL		SOTTOER
	FORNHAM ST MARTIN		
	BURY ST EDMUNDS		
	Edge of Town		
	Out of Town		
	Total Number of dwellings:	101	
	Survey date: MONDAY	15/05/06	Survey Type: MANUA
2	SF-03-A-04 DETACHED & BUNG	GALOWS	SUFFOLK
	NORMANSTON DRIVE		
	LOWESTOFT		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	7	
	Survey date: TUESDAY	23/10/12	Survey Type: MANUAL
3	SH-03-A-03 DETATCHED		SHROPSHIRE
	SOMERBY DRIVE		
	BICTON HEATH		
	SHREWSBURY		
	Edge of Town		
	No Sub Category	10	
	Total Number of dwellings: Survey date: FRIDAY	10 <i>26/06/09</i>	Survey Type: MANUA
4	SUIVEY Gale. FRIDAT	20/00/09	SHROPSHIRE
•	ST MICHAEL'S STREET		SIROFSHIRE
	SHREWSBURY		
	Suburban Area (PPS6 Out of Centre)		
	No Sub Category	108	
	Total Number of dwellings: Survey date: THURSDAY	108 11/06/09	Survey Type: MANUA
5	SH-03-A-05 SEMI-DETACHED/1		SHROPSHIRE
	SANDCROFT		SINCE
-	SUTTON HILL		
-			
-	TELFORD		
-	TELFORD Edge of Town		
-			
-	Edge of Town	54	

36	ST-03-A-05 TERRACED & DETA	CHED	STAFFORDSHIRE
	WATERMEET GROVE ETRURIA		
	STOKE-ON-TRENT		
	Suburban Area (PPS6 Out of Centre) Residential Zone		
	Total Number of dwellings:	14	
	Survey date: WEDNESDAY	26/11/08	Survey Type: MANUAL
37	SY-03-A-01 SEMI DETACHED H A19 BENTLEY ROAD	OUSES	SOUTH YORKSHIRE
	BENTLEY RISE		
	DONCASTER		
	Suburban Area (PPS6 Out of Centre) Residential Zone		
	Total Number of dwellings:	54	
20	Survey date: WEDNESDAY	18/09/13	Survey Type: MANUAL
38	TW-03-A-02SEMI-DETACHEDWEST PARK ROAD		TYNE & WEAR
	GATESHEAD Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	16	
39	Survey date: MONDAY WK-03-A-01 TERRACED/SEMI/I	<i>07/10/13</i> <b>DET.</b>	Survey Type: MANUAL WARWICKSHIRE
	ARLINGTON AVENUE		
	LEAMINGTON SPA		
	Suburban Area (PPS6 Out of Centre) Residential Zone		
	Total Number of dwellings:	6	
40	Survey date: FRIDAY	21/10/11	Survey Type: MANUAL
40	WK-03-A-02 BUNGALOWS NARBERTH WAY		WARWICKSHIRE
	POTTERS GREEN		
	COVENTRY Edge of Town		
	Residential Zone		
	Total Number of dwellings:	17	Cumini Timor MANULAL
41	Survey date: THURSDAY WL-03-A-01 SEMI D./TERRACE	17/10/13 D W. BASSETT	Survey Type: MANUAL WILTSHIRE
	MAPLE DRIVE		
	WOOTTON BASSETT		
	Edge of Town Residential Zone		
	Total Number of dwellings:	99	
40	Survey date: MONDAY	02/10/06	Survey Type: MANUAL
42	WM-03-A-01 TERRACED FOLESHILL ROAD		WEST MIDLANDS
	FOLESHILL		
	COVENTRY Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	79	Comment To a MANULAL
	Survey date: FRIDAY	03/02/06	Survey Type: MANUAL

43	WM-03-A-02 Heath street	DETACHED & SEMI I	DET.	WEST MIDLANDS
44	<b>WM-03-A-03</b> BASELEY WAY ROWLEYS GREEN COVENTRY		12 26/04/06	Survey Type: MANUAL <b>WEST MIDLANDS</b>
45	Edge of Town Residential Zone Total Number of dwa <i>Survey date:</i> <b>WO-03-A-02</b> MEADOWHILL ROAE	MONDAY SEMI DETACHED	84 24/09/07	Survey Type: MANUAL WORCESTERSHIRE
46	REDDITCH Edge of Town No Sub Category Total Number of dwo <i>Survey date:</i> <b>WO-03-A-03</b> BLAKEBROOK BLAKEBROOK KIDDERMINSTER Suburban Area (PPS	TUËSDAY DETACHED	48 02/05/06	Survey Type: MANUAL WORCESTERSHIRE
	Residential Zone Total Number of dwo <i>Survey date:</i>	ellings:	138 <i>05/05/06</i>	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.

TRICS 7.2.4250216B17.31(C)2016TRICS Consortium Ltd1107 Peel Hall, WarringtonHighgate Transportation LtdPark StreetBristol

Licence No: 355901

RANK ORDER for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED VEHICLES

Kanking Type: AK	AKKIVALS		11me Kange: U/:UU-U8:UU
15th Percentile = No.	39	SF-03-A-04	Arr: 0.000
85th Percentile = No.	ø	EX-03-A-01	Arr: 0.127
<u>Median Values</u>		<u>Mean Values</u>	<u>Jes</u>

Mean Values	Arrivals:	Departures:	Totals:	
S	090.0	0.300	0.360	
<u>Median Value</u>	Arrivals:	Departures:	Totals:	

0.076 0.297 0.374

DWELLS
237

7 2 4 250	(C) 2016	(C) 2016 TRICS Consortium Ltd
LIU/ Peel Hall, Warrington Highgate Transportation Ltd	Park Street	Bristol

22/03/16 Page 12	
Tuesday	

								Trip Rat	Trip Rate (Sorted by Arrivals)	rrivals)	Park Spaces
Rank	Site-Ref	Description	Town/City	Area	DWELLS	Day	Date	Arrivals	Departures	Totals	Per Dwelling
33	WM-03-A-03	33 WM-03-A-03 MIXED HOUSING	COVENTRY	WEST MIDLANDS	84	Mon	24/09/07	0.036	0.310	0.346	2.60
34	CW-03-A-02	34 CW-03-A-02 SEMI D./DETATC	TRURO	CORNWALL	73	Tue	18/09/07	0.027	0.274	0.301	3.73
35		ES-03-A-02 PRIVATE HOUSIN	PEACEHAVEN	EAST SUSSEX	37	ĿĿ	18/11/11	0.027	0.595	0.622	1.59
36	CH-03-A-08	DETACHED	CHESTER	CHESHIRE	11	Tue	22/05/12	0000	0.727	0.727	4.73
37	WK-03-A-01	TERRACED/SEMI/	LEAMINGTON SPA	WARWICKSHIRE	9	Eri	21/10/11	0000	0.500	0.500	2.00
38	LN-03-A-03	LN-03-A-03 SEMI DETACHED	LINCOLN	LINCOLNSHIRE	22	Tue	18/09/12	0000	0.364	0.364	1.09
39	SF-03-A-04	39 SF-03-A-04 DETACHED & BUN LOWESTOFT	I LOWESTOFT	SUFFOLK	2	Tue	23/10/12	000'0	0.286	0.286	4.43
40	NY-03-A-03	40 NY-03-A-03 PRIVATE HOUSIN	BOROUGHBRIDGE	NORTH YORKSHIRE	14	Mon	15/09/08	000.0	0.286	0.286	3.14
41	SY-03-A-01	SY-03-A-01 SEMI DETACHED	DONCASTER	SOUTH YORKSHIRE	54	Wed	18/09/13	000.0	0.241	0.241	1.13
42	CA-03-A-04 DETACHED	DETACHED	PETERBOROUGH	CAMBRIDGESHIRE	6	Tue	18/10/11	000 0	0.222	0.222	2.44
43	NY-03-A-08	TERRACED HOUSE	YORK	NORTH YORKSHIRE	21	Mon	16/09/13	0000	0.143	0.143	1.14
44	WK-03-A-02	BUNGALOWS	COVENTRY	WARWICKSHIRE	17	Thu	17/10/13	0000	0.118	0.118	2.06
45		NY-03-A-07 DETACHED & SEM	BOROUGHBRIDGE	NORTH YORKSHIRE	23	Tue	18/10/11	000.0	0.087	0.087	1.96
46	WO-03-A-02	46 WO-03-A-02 SEMI DETACHED	REDDITCH	WORCESTERSHIRE	48	Tue	02/05/06	0000	0.042	0.042	3.35

order of relative trip rate intensity, for a given time period (or peak period irrespective of time) selected by the user. The count type and direction are both displayed just above the table, along with the rows within the table representing the This section displays actual (not average) trip rates for each of the survey days in the selected set, and ranks them in 85th and 15th percentile trip rate figures (highlighted in bold within the table itself).

whichever of the three directional options has been chosen by the user. As with the preceeding trip rate calculation results table, the trip rates shown are per the calculation factor (e.g. per 100m2 GFA, per employee, per hectare, etc). Note that if the peak period option has been selected (as opposed to a specific chosen time period), the peak period for each The table itself displays details of each individual survey, alongside arrivals, departures and totals trip rates, sorted by individual survey day in the table is also displayed.

TRICS 7.2.4250216B17.31(C)2016TRICS ConsortiumLtd1107Peel Hall, WarringtonHighgateTransportationLtdParkStreetBristol

Licence No: 355901

Tuesday 22/03/16 Page 11

> RANK ORDER for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED VEHICLES

 Ranking Type:
 DEPARTURES
 Time Range: 07:00-08:00

 15th Percentile = No.
 **39** NY-03-A-06
 Dep: 0.157

 85th Percentile = No.
 **8** SH-03-A-04
 Dep: 0.380

Median ValuesMean ValuesArrivals:0.058Arrivals:0.076Departures:0.290Departures:0.297Totals:0.348Totals:0.374

Park Spaces	Per Dwelling	4.73	1.59	2.38	2.00	3.00	0.96	6.26	1.86	1.67	3.10	1.09	4.34	3.14	4.91	2.49	2.22	2.67	2.53	1.61	2.60	2.48	0.83	3.71	2.81	4.43	3.14	2.12	3.73	1.74	2.37	2.24	1.17
	Totals	0.727	0.622	0.625	0.500	0.549	0.519	0.565	0.436	0.500	0.500	0.364	0.415	0.413	0.440	0.422	0.403	0.500	0.460	0.409	0.346	0.434	0.352	0.353	0.344	0.286	0.286	0.364	0.301	0.353	0.296	0.306	0.445
Trip Rate (Sorted by Departures)	Departures	0.727	0.595	0.500	0.500	0.451	0.418	0.391	0.380	0.375	0.375	0.364	0.356	0.355	0.353	0.352	0.351	0.333	0.333	0.325	0.310	0.304	0.296	0.294	0.287	0.286	0.286	0.283	0.274	0.268	0.259	0.245	0.241
Trip Rate (	Arrivals	000.0	0.027	0.125	0.000	0.098	0.101	0.174	0.056	0.125	0.125	0.000	0.059	0.058	0.087	0.070	0.052	0.167	0.127	0.084	0.036	0.130	0.056	0.059	0.057	0.000	0.000	0.081	0.027	0.085	0.037	0.061	0.204
	Date	22/05/12	18/11/11	07/10/13	21/10/11	16/07/08	03/02/06	18/09/13	11/06/09	14/06/13	20/11/08	18/09/12	15/05/06	05/05/06	15/05/07	23/01/14	23/05/07	26/04/06	13/05/08	28/06/06	24/09/07	24/05/07	17/09/13	14/10/08	14/10/08	23/10/12	15/09/08	02/10/06	18/09/07	24/04/09	16/10/12	22/10/12	24/10/13
	Day	Tue	Fri	Mon	Fri	Wed	Fri	Wed	Thu	Fri	Thu	Tue	Mon	Fri	Tue	Thu	Wed	Wed	Tue	Wed	Mon	Thu	Tue	Tue	Tue	Tue	Mon	Mon	Tue	Fri	Tue	Mon	Thu
	DWELLS	11	37	16	9	51	62	23	108	24	40	22	101	138	150	71	77	12	237	166	84	230	71	17	174	7	14	66	73	82	27	98	54
	Area	CHESHIRE	EAST SUSSEX	TYNE & WEAR	WARWICKSHIRE	DORSET	WEST MIDLANDS	NORTH YORKSHIRE	SHROPSHIRE	LANCASHIRE	CUMBRIA	LINCOLNSHIRE	SUFFOLK	WORCESTERSHIRE	LINCOLNSHIRE	SURREY	SUFFOLK	WEST MIDLANDS	ESSEX	NOTTINGHAMSHIRE	WEST MIDLANDS	SUFFOLK	NORTH YORKSHIRE	CHESHIRE	CHESHIRE	SUFFOLK	NORTH YORKSHIRE	WILTSHIRE	CORNWALL	CUMBRIA	NORFOLK	NORFOLK	SHROPSHIRE
	Town/City	CHESTER	PEACEHAVEN	GATESHEAD	LEAMINGTON SPA	POOLE	COVENTRY	BOROUGHBRIDGE	SHREWSBURY	BLACKPOOL	WORKINGTON	LINCOLN	BURY ST EDMUNDS	KIDDERMINSTER	LINCOLN	BYFLEET	IPSWICH	STOURBRIDGE	STANFORD-LE-HOPE	KIRKBY-IN-ASHFIELD	COVENTRY	IPSWICH	RIPON	CREWE	CREWE	LOWESTOFT	BOROUGHBRIDGE	WOOTTON BASSETT	TRURO	WORKINGTON	CAISTER-ON-SEA	NORWICH	TELFORD
	Description	DETACHED	<b>PRIVATE HOUSIN</b>	SEMI-DETACHED	TERRACED/SEMI/	DETACHED	TERRACED	<b>PRIVATE HOUSIN</b>	TERRACED	SEMI-DETACHED	SEMI DETACHED	SEMI DETACHED	MIXED HOUSES	DETACHED	MIXED HOUSES	DETACHED & TER	SEMI DETACHED	DETACHED & SEM	SEMI-DET.	SEMI DETACHED	DNISNOH DAINE	SEMI DET./TERR	HOUSES AND FLA	DETACHED	HOUSES/FLATS	DETACHED & BUN	<b>PRIVATE HOUSIN</b>	SEMI D./TERRAC	SEMI D./DETATC	SEMI DETACHED	SEMI DET. & BU	HOUSES & FLATS	SEMI-DETACHED/
	Site-Ref	CH-03-A-08	ES-03-A-02	TW-03-A-02	WK-03-A-01	DC-03-A-01	WM-03-A-01	NY-03-A-11	SH-03-A-04	LC-03-A-30	CB-03-A-03	LN-03-A-03	SF-03-A-03	WO-03-A-03	LN-03-A-01	SC-03-A-04	SF-03-A-01	WM-03-A-02	EX-03-A-01	NT-03-A-03	WM-03-A-03	SF-03-A-02	NY-03-A-10	CH-03-A-05	CH-03-A-02	SF-03-A-04	NY-03-A-03	WL-03-A-01	CW-03-A-02	CB-03-A-04	NF-03-A-01	NF-03-A-02	SH-03-A-05
	Rank		2	3	4	Ъ	9	7	8	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32

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<b>TRICS 7.2.4</b> 250216 B17.31	1107 Peel Hall, Warringto	Highgate Transportation Ltd

22/03/16 Page 12	
uesday	

Area UwerLS Uay	UWELLS Uav		
JKKSHIKE 54 Wed	DONCASTER SOUTH YORKSHIRE 54 Wed 18/09/13	SEMI DETACHED DONCASTER SOUTH YORKSHIRE 54 Wed	DONCASTER SOUTH YORKSHIRE 54 Wed
LINCOLNSHIRE 186 Mon 14/05/07	186 Mon	MIXED HOUSES   LINCOLN   LINCOLNSHIRE 186   Mon	LINCOLN LINCOLNSHIRE 186 Mon
CAMBRIDGESHIRE 9 Tue 18/10/11	9 Tue	DETACHED PETERBOROUGH CAMBRIDGESHIRE 9 Tue	PETERBOROUGH CAMBRIDGESHIRE 9 Tue
SHROPSHIRE 10 Fri 26/06/09	10 Fri	DETATCHED SHREWSBURY SHROPSHIRE 10 Fri	SHREWSBURY SHROPSHIRE 10 Fri
CHESHIRE 129 Tue 14/10/08	129 Tue	SEMI-DET./BUNG CREWE CHESHIRE 129 Tue	CREWE CHESHIRE 129 Tue
NORTH YORKSHIRE 52 Mon 16/09/13	NORTH YORKSHIRE 52 Mon	NORTH YORKSHIRE 52 Mon	ORKSHIRE 52 Mon
NORTH YORKSHIRE 115 Fri 14/10/11 0.043	NORTH YORKSHIRE 115 Fri 14/10/11	NORTH YORKSHIRE 115 Fri 14/10/11	115 Fri 14/10/11
STAFFORDSHIRE         14         Wed         26/11/08         0.143	STAFFORDSHIRE 14 Wed 26/11/08	STAFFORDSHIRE 14 Wed 26/11/08	14 Wed 26/11/08
16/09/13	NORTH YORKSHIRE 21 Mon 16/09/13	NORTH YORKSHIRE 21 Mon 16/09/13	NORTH YORKSHIRE 21 Mon 16/09/13
TER 29 Wed 12/10/11	HESTER GREATER MANCHESTER 29 Wed 12/10/11	MANCHESTER CREATER MANCHESTER 20 Wed 12/10/11	DETACHED/SEMI MANCHESTER CREATER MANCHESTER 20 Wed 12/10/11
TER 29 Wed	GREATER MANCHESTER 29 Wed	MANCHESTER 20 Mad	MANCHESTER 20 Mad
23 WEU			
E 21 ESTER 29	STAFFORDSHIRE 14 NORTH YORKSHIRE 21 GREATER MANCHESTER 29	STAFFORDSHIRE 14 NORTH YORKSHIRE 21 CEPEATER MANCHESTER 29	STAFFORDSHIRE 14 NORTH YORKSHIRE 21 CEPEATER MANCHESTER 29
E 52 IRE 1129 1129 1129 114 114 114 114 114 114 114 114 114 11	CHERITISE SHROPSHIRE 10 CHESHIRE 129 NORTH YORKSHIRE 52 NORTH YORKSHIRE 14 STAFFORDSHIRE 14 NORTH YORKSHIRE 21 GREATER MANCHESTER 29	CAMPENDGESTIAL     9       SHROPSHIRE     10       SHROPSHIRE     129       CHESHIRE     129       NORTH YORKSHIRE     52       NORTH YORKSHIRE     115       STAFFORDSHIRE     114       NORTH YORKSHIRE     21       CREATER MANCHESTER     20	CAMPENDGESTIAL     9       SHROPSHIRE     10       SHROPSHIRE     129       CHESHIRE     129       NORTH YORKSHIRE     52       NORTH YORKSHIRE     115       STAFFORDSHIRE     114       NORTH YORKSHIRE     21       CREATER MANCHESTER     20
CAMBRIDGESHIRE SHROPSHIRE SHROPSHIRE CHESHIRE NORTH YORKSHIRE NORTH YORKSHIRE STAFFORDSHIRE NORTH YORKSHIRE GREATER MANCHESTER			CA-03-A-04 DETACHED PETERBOROUGH SH-03-A-04 DETACHED PETERBOROUGH SH-03-A-05 SEMI-DET./BUNG CREWE NY-03-A-06 MIXED HOUSING NORTHALLERTON <b>NY-03-A-06 BUNGALOWS &amp; SE BOROUGHBRIDGE</b> ST-03-A-05 TERRACED & DET STOKE-ON-TRENT NY-03-A-10 DETACHED/SEMI MANCHESTEP
	LINCOLN PETERBOROUGH SHREWSBURY CREWE NORTHALLERTON BOROUGHBRIDGE STOKE-ON-TRENT YORK MANCHFSTFR	MIXED HOUSESLINCOLNDETACHEDPETERBOROUGHDETATCHEDSHREWSBURYSEMI-DET./BUNGSHREWSBURYSEMI-DET./BUNGCREWEMIXED HOUSINGNORTHALLERTONBUNGALOWS & SEBOROUGHBRIDGETERRACED & DETSTOKE-ON-TRENTTERRACED HOUSEYORKDETACHED/SEMIMAICHESTER	LN-03-A-02MIXED HOUSESLINCOLNCA-03-A-04DETACHEDPETERBOROUGHSH-03-A-03DETATCHEDSHREWSBURYCH-03-A-06SEMI-DET./BUNGCREWENY-03-A-09MIXED HOUSINGNORTHALLERTONNY-03-A-06BUNGALOWS & SEBOROUGHBRIDGEST-03-A-05TERRACED & DETSTOKE-ON-TRENTNY-03-A-06ERRACED ADUSEYORKST-03-A-05TERRACED HOUSEYORKOA-05DETACHED/SEMIMANCHESTER

order of relative trip rate intensity, for a given time period (or peak period irrespective of time) selected by the user. The count type and direction are both displayed just above the table, along with the rows within the table representing the 85th and 15th percentile trip rate figures (highlighted in bold within the table itself). This section displays actual (not average) trip rates for each of the survey days in the selected set, and ranks them in

whichever of the three directional options has been chosen by the user. As with the preceeding trip rate calculation results table, the trip rates shown are per the calculation factor (e.g. per 100m2 GFA, per employee, per hectare, etc). Note that if the peak period option has been selected (as opposed to a specific chosen time period), the peak period for each The table itself displays details of each individual survey, alongside arrivals, departures and totals trip rates, sorted by individual survey day in the table is also displayed.

TRICS 7.1.2050814B16.50(C)2014JMP ConsultantsLtd on behalfof the TRICS ConsortiumHouses - AM Peak 85th Percentile ArrivalsOFF-LINE VERSIONAECOM1New YorkStreetManchester

Licence No: 204622

RANK ORDER for	RANK ORDER for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED	
<b>VEHICLES</b>		
Ranking Type:	ARRIVALS Time Range: 08:00-09:00	

ne Range: 08:(	Arr: 0.081	Arr: 0.225	
ui II	ES-03-A-02 A	CB-03-A-03 A	
<b>ARRI VALS</b>	i = No. 39	No. 8	
Ranking Type:	15th Percentile =	85th Percentile = No.	

<u>Mean Values</u>	Arrivals:	Departures:	Totals:	
	0.143	0.322	0.465	
Median Values	Arrivals:	Departures:	Totals:	

0.159 0.416 0.575

I ravel	Plan																																
Vals) Totolo	I OTAIS	0.941	1.000	1.333	0.726	0.741	0.734	0.823	0.675	0.746	0.700	0.626	0.627	0.704	0.549	0.608	0.637	0.700	0.385	0.625	0.403	0.570	0.444	0.643	0.286	0.493	0.897	0.500	0.469	0.663	0.421	0.437	0 520
Irip Kate (Sorted by Arrivals)	Departures	0.353	0.571	0.933	0.405	0.454	0.491	0.588	0.450	0.543	0.500	0.438	0.440	0.521	0.366	0.425	0.455	0.523	0.212	0.458	0.240	0.418	0.296	0.500	0.143	0.352	0.759	0.370	0.347	0.554	0.313	0.333	0.116
	Arrivais	0.588	0.429	0.400	0.321	0.287	0.243	0.235	0.225	0.203	0.200	0.188	0.187	0.183	0.183	0.183	0.182	0.177	0.173	0.167	0.163	0.152	0.148	0.143	0.143	0.141	0.138	0.130	0.122	0.109	0.108	0.104	0 101
	Date	17/10/13	23/10/12	21/06/13	24/09/07	11/06/09	24/05/07	14/10/08	20/11/08	05/05/06	26/06/09	07/10/13	15/05/07	17/09/13	24/04/09	14/05/07	22/05/12	13/05/08	16/09/13	14/06/13	14/10/08	03/02/06	16/10/12	26/11/08	15/09/08	23/01/14	12/10/11	24/10/13	22/10/12	15/05/06	28/06/06	02/05/06	22/05/07
	Uay	Thu	Tue	Fri	Mon	Thu	Thu	Tue	Thu	Fri	Fri	Mon	Tue	Tue	Fri	Mon	Tue	Tue	Mon	Fri	Tue	Fri	Tue	Wed	Mon	Thu	Wed	Thu	Mon	Mon	Wed	Tue	Mod
	DWELLS	17	7	15	84	108	230	17	40	138	10	16	150	71	82	186	11	237	52	24	129	79	27	14	14	71	29	54	98	101	166	48	LL
	Area	WARWICKSHIRE	SUFFOLK	MERSEYSIDE	WEST MIDLANDS	SHROPSHIRE	SUFFOLK	CHESHIRE	CUMBRIA	WORCESTERSHIRE	SHROPSHIRE	TYNE & WEAR	LINCOLNSHIRE	NORTH YORKSHIRE	CUMBRIA	LINCOLNSHIRE	CHESHIRE	ESSEX	NORTH YORKSHIRE	LANCASHIRE	CHESHIRE	WEST MIDLANDS	NORFOLK	STAFFORDSHIRE	NORTH YORKSHIRE	SURREY	GREATER MANCHESTER	SHROPSHIRE	NORFOLK	SUFFOLK	NOTTINGHAMSHIRE	WORCESTERSHIRE	
T (City )	I OWN/CITY	COVENTRY	LOWESTOFT	LIVERPOOL	COVENTRY	SHREWSBURY	IPSWICH	CREWE	<b>WORKINGTON</b>	KIDDERMINSTER	SHREWSBURY	GATESHEAD	LINCOLN	RIPON	WORKINGTON	LINCOLN	CHESTER	STANFORD-LE-HOPE	NORTHALLERTON	BLACKPOOL	CREWE	COVENTRY	CAISTER-ON-SEA	STOKE-ON-TRENT	BOROUGHBRIDGE	BYFLEET	MANCHESTER	TELFORD	NORWICH	BURY ST EDMUNDS	KIRKBY-IN-ASHFIELD	REDDITCH	
Description	Description	BUNGALOWS	DETACHED & BUN	DETACHED	MIXED HOUSING	TERRACED	SEMI DET./TERR	DETACHED	SEMI DETACHED	DETACHED	DETATCHED	SEMI-DETACHED	MIXED HOUSES	HOUSES AND FLA	SEMI DETACHED	MIXED HOUSES	DETACHED	SEMI-DET.	MIXED HOUSING	SEMI-DETACHED	SEMI-DET./BUNG	TERRACED	SEMI DET. & BU	TERRACED & DET	<b>PRIVATE HOUSIN</b>	DETACHED & TER	DETACHED/SEMI	SEMI-DETACHED/	HOUSES & FLATS	MIXED HOUSES	SEMI DETACHED	SEMI DETACHED	SEMI DETACHED
Cito Dof	SITE-KET	WK-03-A-02	SF-03-A-04	MS-03-A-03	WM-03-A-03	SH-03-A-04	SF-03-A-02	CH-03-A-05	CB-03-A-03	WO-03-A-03	SH-03-A-03	TW-03-A-02	LN-03-A-01	NY-03-A-10	CB-03-A-04	LN-03-A-02	CH-03-A-08	EX-03-A-01	NY-03-A-09	LC-03-A-30	CH-03-A-06	WM-03-A-01	NF-03-A-01	ST-03-A-05	NY-03-A-03	SC-03-A-04	GM-03-A-10	SH-03-A-05	NF-03-A-02	SF-03-A-03	NT-03-A-03	WO-03-A-02	CE 0.2 A 0.1
_	Kank	-	2	ę	4	വ	9	7	8	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	ر د د

he TRICS Consortium		
nts Ltd on behalf of t		Manchester
14 JMP Consultar	Arrivals	New York Street Manch
5.50 (C) 20 <sup>-</sup>	Percentile.	ON AECOM 11
TRICS 7.1.2 050814 B16.50 (C) 2014 JMP Consultants Ltd on behalf of the TRICS Consortium	Houses - AM Peak 85th Percentile Arrivals	OFF-LINE VERSION AECOM 1 N

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15/06/15	Page 12
Monday	

Travel	Plan							Yes							
ivals)	Totals	0.477	0.471	0.425	0.496	0.478	0.333	0.486	0.404	0.445	0.334	0.409	0.565	0.333	0 167
Trip Rate (Sorted by Arrivals)	Departures	0.374	0.373	0.329	0.400	0.391	0.250	0.405	0.333	0.389	0.286	0.364	0.565	0.333	0.167
Trip Rate	Arrivals	0.103	0.098	0.096	0.096	0.087	0.083	0.081	0.071	0.056	0.048	0.045	0.000	0.000	0.000
	Date	14/10/08	16/07/08	18/09/07	14/10/11	18/10/11	26/04/06	18/11/11	02/10/06	18/09/13	16/09/13	18/09/12	18/09/13	18/10/11	21/10/11
	Day	Tue	Wed	Tue	Fri	23 Tue	12 Wed	Fri	99 Mon	Wed	Mon	Tue	Wed	Tue	Eri
	DWELLS	174	19	73	115	23	12	37	66	54	21	22	23	6	9
	Area	CHESHIRE	DORSET	CORNWALL	NORTH YORKSHIRE	NORTH YORKSHIRE	WEST MIDLANDS	EAST SUSSEX	WILTSHIRE	SOUTH YORKSHIRE	NORTH YORKSHIRE	LINCOLNSHIRE	NORTH YORKSHIRE	CAMBRIDGESHIRE	WARWICKSHIRF
	Town/City	CREWE	POOLE	TRURO	BOROUGHBRIDGE	BOROUGHBRIDGE	STOURBRIDGE	PEACEHAVEN	WOOTTON BASSETT	DONCASTER	YORK	LINCOLN	BOROUGHBRIDGE	PETERBOROUGH	I FAMINGTON SPA
	Description	CH-03-A-02 HOUSES/FLATS	DETACHED	CW-03-A-02 SEMI D./DETATC	36 NY-03-A-06 BUNGALOWS & SE	37 NY-03-A-07 DETACHED & SEM BOROUGHBRIDGE	38 WM-03-A-02 DETACHED & SEM STOURBRIDGE	39 ES-03-A-02 PRIVATE HOUSIN PEACEHAVEN	WL-03-A-01 SEMI D./TERRAC WOOTTON BASSETT	SY-03-A-01 SEMI DETACHED	<b>TERRACED HOUSE</b>	SEMI DETACHED	44 NY-03-A-11 PRIVATE HOUSIN	DETACHED	46 W/K-03-A-01 TERRACED/SEMI/
	Site-Ref	CH-03-A-02	DC-03-A-01 DETACHED	CW-03-A-02	NY-03-A-06	NY-03-A-07	WM-03-A-02	ES-03-A-02	WL-03-A-01	SY-03-A-01	NY-03-A-08	LN-03-A-03	NY-03-A-11	45 CA-03-A-04 DETACHED	WK-03-A-01
	Rank	33	34	35	36	37	38	39	40	41	42	43	44	45	46

order of relative trip rate intensity, for a given time period (or peak period irrespective of time) selected by the user. The count type and direction are both displayed just above the table, along with the rows within the table representing the 85th and 15th percentile trip rate figures (highlighted in bold within the table itself). This section displays actual (not average) trip rates for each of the survey days in the selected set, and ranks them in

whichever of the three directional options has been chosen by the user. As with the preceeding trip rate calculation results table, the trip rates shown are per the calculation factor (e.g. per 100m2 GFA, per employee, per hectare, etc). Note that if the peak period option has been selected (as opposed to a specific chosen time period), the peak period for each The table itself displays details of each individual survey, alongside arrivals, departures and totals trip rates, sorted by individual survey day in the table is also displayed.

TRICS 7.1.2 050814 B16.50 (C) 2014 JMP Consultants Ltd on behalf of the TRICS Consortium Houses - AM Peak 85th Percentile Departures OFF-LINE VERSION AECOM 1 New York Street Manchester

RANK ORDER for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED VEHI CLES Ranking Type: DEPARTURES Time Range: 08:00-09:00

 Ranking Type:
 DEPARTURES
 Time Range:
 08:00

 15th Percentile = No.
 39
 NT-03-A-03
 Dep:
 0.313

 85th Percentile = No.
 8
 EX-03-A-01
 Dep:
 0.523

Median ValuesMean ValuesArrivals:0.209Arrivals:Departures:0.403Departures:Totals:0.611Totals:

Travel Plan Yes 0.675 0.626 0.486 0.478 0.700 0.643 0.637 0.741 0.608 0.570 0.520 0.409 0.663 0.500 0.823 1.000 0.565 0.746 0.700 0.704 0.734 0.625 0.627 0.726 0.496 0.445 0.549 1.333 0.897 0.477 0.471 0.941 Totals Trip Rate (Sorted by Departures) 0.416 0.588 0.543 0.523 0.500 0.500 0.458 0.455 0.454 0.450 0.440 0.438 0.425 0.418 0.405 0.405 0.400 0.389 0.374 0.373 0.370 0.353 0.759 0.565 0.554 0.521 0.491 0.391 0.366 0.364 0.933 0.571 Departures 0.225 0.096 0.056 0.138 0.235 0.429 0.109 0.203 0.183 0.200 0.143 0.243 0.182 0.287 0.187 0.188 0.183 0.152 0.104 0.081 0.321 0.098 0.130 0.183 0.588 0.167 0.087 0.400 0.000 0.103 0.045 0.177 Arrivals 13/05/08 17/09/13 26/06/09 05/05/06 Date 14/10/08 18/09/13 15/05/06 26/11/08 14/06/13 22/05/12 11/06/09 20/11/08 07/10/13 18/09/13 16/07/08 18/09/12 21/06/13 12/10/11 23/10/12 24/05/07 15/05/07 14/05/07 03/02/06 23/05/07 24/09/07 14/10/08 24/10/13 24/04/09 17/10/13 18/11/11 14/10/11 18/10/11 Wed Wed Wed Wed Day Tue Mon Tue Tue Wed Thu Mon Mon Mon Tue Wed Tue Thu Tue Thu Tue Thu Thu Tue Tue Ŀ Ē \_\_\_\_ Ē L 186 230 24 108 150 84 174 <u>1</u>2 138 237 7 10 14 40 16 79 115 54 29 23 7 37 23 54 82 101 17 51 22 DWELLS GREATER MANCHESTER NORTH YORKSHIRE NORTH YORKSHIRE NORTH YORKSHIRE NORTH YORKSHIRE SOUTH YORKSHIRE WORCESTERSHIRE WEST MIDLANDS WEST MIDLANDS STAFFORDSHIRE WARWICKSHIRE Area LINCOLNSHIRE LINCOLNSHIRE LINCOLNSHIRE **TYNE & WEAR** EAST SUSSEX SHROPSHIRE SHROPSHIRE SHROPSHIRE MERSEYSIDE LANCASHIRE CHESHIRE CHESHIRE CHESHIRE CUMBRIA SUFFOLK CUMBRIA SUFFOLK SUFFOLK SUFFOLK DORSET ESSEX STANFORD-LE-HOPE BURY ST EDMUNDS BOROUGHBRIDGE STOKE-ON-TRENT BOROUGHBRIDGE BOROUGHBRIDGE Town/City **KIDDERMINSTER** WORKINGTON WORKINGTON MANCHESTER SHREWSBURY SHREWSBURY PEACEHAVEN LOWESTOFT GATESHEAD DONCASTER BLACKPOOL LIVERPOOL COVENTRY COVENTRY COVENTRY CHESTER LINCOLN **IPSWICH** LINCOLN **IPSWICH** TELFORD LINCOLN CREWE POOLE CREWE RIPON BUNGALOWS & SE DETACHED & SEM DETACHED & BUN HOUSES AND FLA **PRIVATE HOUSIN PRIVATE HOUSIN** TERRACED & DET MIXED HOUSING SEMI-DETACHED/ SEMI DET./TERR SEMI-DETACHED SEMI-DETACHED SEMI DETACHED SEMI DETACHED DETACHED/SEMI SEMI DETACHED SEMI DETACHED SEMI DETACHED MIXED HOUSES MIXED HOUSES MIXED HOUSES HOUSES/FLATS Description BUNGALOWS DETATCHED DETACHED DETACHED DETACHED DETACHED DETACHED SEMI-DET TERRACED TERRACED EX-03-A-01 WM-03-A-03 MS-03-A-03 GM-03-A-10 WO-03-A-03 NY-03-A-10 TW-03-A-02 WM-03-A-01 WK-03-A-02 SH-03-A-03 ST-03-A-05 CH-03-A-08 CB-03-A-03 NY-03-A-06 CH-03-A-05 SF-03-A-04 SF-03-A-03 LC-03-A-30 SH-03-A-04 LN-03-A-01 LN-03-A-02 SF-03-A-01 ES-03-A-02 NY-03-A-07 SY-03-A-01 CH-03-A-02 DC-03-A-01 SH-03-A-05 CB-03-A-04 LN-03-A-03 NY-03-A-11 SF-03-A-02 Site-Ref 19 20 21 22 23  $\sim$ ഹ 9 1-6 Rank (m 4 ω 10 7 12 13 <u>15</u> 16 17 18 24 25 26 27 28 30 31

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Licence No: 204622

TRICS 7.1.2 050814 B16.50 (C) 2014 JMP Consultants Ltd on behalf of the TRICS Consortium	SS	itreet Manchester
C) 2014 JMP Consultar	ntile Departures	1 New York Street
7.1.2 050814 B16.50 (C)	Houses - AM Peak 85th Percentile Departures	OFF-LINE VERSION AECOM 1 New York Street Manchester
TRICS	House	OFF-LI

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Travel	Plan														
artures)	Totals	0.493	0.469	0.437	0.404	0.333	0.425	0.421	0.444	0.334	0.333	0.403	0.385	0.167	0.286
Trip Rate (Sorted by Departures)	Departures	0.352	0.347	0.333	0.333	0.333	0.329	0.313	0.296	0.286	0.250	0.240	0.212	0.167	0.143
Trip Rate	Arrivals	0.141	0.122	0.104	0.071	0.000	0.096	0.108	0.148	0.048	0.083	0.163	0.173	0.000	0.143
	Date	23/01/14	22/10/12	02/05/06	02/10/06	18/10/11	18/09/07	166   Wed   28/06/06	16/10/12	16/09/13	26/04/06	14/10/08	16/09/13	21/10/11	15/09/08
	Day	Thu	Mon	Tue	Mon	Tue	Tue	Wed	Tue	21 Mon	12 Wed	129 Tue	Mon	Fri	14 Mon
	DWELLS	71	98	48	66	6	73	166	27	21	12	129	52	9	14
	Area	SURREY	NORFOLK	WORCESTERSHIRE	WILTSHIRE	CAMBRIDGESHIRE	CORNWALL	NOTTI NGHAMSHI RE	NORFOLK	NORTH YORKSHIRE	WEST MIDLANDS	CHESHIRE	NORTH YORKSHIRE	WARWICKSHIRE	NORTH YORKSHIRF
	Town/City	BYFLEET	NORWICH	REDDITCH	WOOTTON BASSETT	PETERBOROUGH	TRURO	39 NT-03-A-03 SEMI DETACHED KIRKBY-IN-ASHFIELD NOTTINGHAMSHIRE	CAISTER-ON-SEA	YORK	STOURBRIDGE	CREWE	NORTHALLERTON	LEAMINGTON SPA	BOROUGHBRIDGE
	Description	SC-03-A-04 DETACHED & TER	NF-03-A-02 HOUSES & FLATS	WO-03-A-02 SEMI DETACHED	SEMI D./TERRAC	DETACHED	CW-03-A-02 SEMI D./DETATC	SEMI DETACHED	40 NF-03-A-01 SEMI DET. & BU	41 NY-03-A-08 TERRACED HOUSE YORK	42 WM-03-A-02 DETACHED & SEM STOURBRIDGE	CH-03-A-06 SEMI-DET./BUNG	NY-03-A-09 MIXED HOUSING	TERRACED/SEMI/	NY-03-A-03 PRIVATE HOUSIN
	Site-Ref	SC-03-A-04	NF-03-A-02	WO-03-A-02	WL-03-A-01	CA-03-A-04 DETACHED	CW-03-A-02	NT-03-A-03	NF-03-A-01	NY-03-A-08	WM-03-A-02	CH-03-A-06	NY-03-A-09	WK-03-A-01	NY-03-A-03
	Rank	33	34	35	36	37	38	39	40	41	42	43	44	45	46

order of relative trip rate intensity, for a given time period (or peak period irrespective of time) selected by the user. The count type and direction are both displayed just above the table, along with the rows within the table representing the 85th and 15th percentile trip rate figures (highlighted in bold within the table itself). This section displays actual (not average) trip rates for each of the survey days in the selected set, and ranks them in

whichever of the three directional options has been chosen by the user. As with the preceeding trip rate calculation results table, the trip rates shown are per the calculation factor (e.g. per 100m2 GFA, per employee, per hectare, etc). Note that if the peak period option has been selected (as opposed to a specific chosen time period), the peak period for each The table itself displays details of each individual survey, alongside arrivals, departures and totals trip rates, sorted by individual survey day in the table is also displayed.

TRICS 7.2.4250216B17.31(C)2016TRICS Consortium Ltd1107 Peel Hall, WarringtonHighgate Transportation LtdPark StreetBristol

Licence No: 355901

RANK ORDER for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED VEHICLES

Ranking Type:	ARRIVALS	'ALS	•	Time Range: 09:00-10:00
15th Percentile = No.		39	CH-03-A-02 Arr: 0.075	Arr: 0.075
85th Percentile = No.	No.	8	NY-03-A-11 Arr: 0.217	Arr: 0.217
<u>Median Values</u>			<u>Mean Values</u>	ß

<u>Mean Values</u>	Arrivals:	Departures:	Totals:	
N	0.153	0.199	0.352	
<u>Median Value</u>	Arrivals:	Departures:	Totals:	

0.156 0.214 0.370

I (C) 2016 TRICS Consortium Lt		treet Bristol
(C) 2(		Park St
<b>TRICS 7 2 4</b> 250216 B17 31	1107 Peel Hall, Warrington	Highgate Transportation Ltd

22/03/16 Page 12	
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							Trip Rat	Trip Rate (Sorted by Arrivals)	riva <b>l</b> s)	Park Spaces
	Description	Town/City	Area	DWELLS	Day	Date	Arrivals	Departures	Totals	Per Dwelling
33 WL-03-A-01	SEMI D./TERRAC	WOOTTON BASSETT	WILTSHIRE	66	Mon	02/10/06	0.121	0.222	0.343	2.12
34 NT-03-A-03	SEMI DETACHED	KIRKBY-IN-ASHFIELD	NOTTINGHAMSHIRE	166	Wed	28/06/06	0.120	0.283	0.403	1.61
35 SF-03-A-01	SEMI DETACHED	IPSWICH	SUFFOLK	77	Wed	23/05/07	0.117	0.221	0.338	2.22
36 CA-03-A-04	DETACHED	PETERBOROUGH	CAMBRIDGESHIRE	6	Tue	18/10/11	0.111	0.111	0.222	2.44
SY-03-A-01	SEMI DETACHED	DONCASTER	SOUTH YORKSHIRE	54	Wed	18/09/13	0.111	0.074	0.185	1.13
WM-03-A-02	DETACHED & SEM	STOURBRIDGE	WEST MIDLANDS	12	Wed	26/04/06	0.083	0.333	0.416	2.67
2	39 CH-03-A-02 HOUSES/FLATS	CREWE	CHESHIRE	174	Tue	14/10/08	0.075	0.115	0.190	2.81
പ	40 ST-03-A-05 TERRACED & DET	STOKE-ON-TRENT	STAFFORDSHIRE	14	Wed	26/11/08	0.071	0.214	0.285	2.86
0	41 GM-03-A-10 DETACHED/SEMI	MANCHESTER	<b>GREATER MANCHESTER</b>	29	Wed	12/10/11	0.069	0.241	0.310	2.79
5	42 TW-03-A-02 SEMI-DETACHED	GATESHEAD	TYNE & WEAR	16	Mon	07/10/13	0.063	0.063	0.124	2.38
NF-03-A-02	HOUSES & FLATS	NORWICH	NORFOLK	98	Mon	22/10/12	0.061	0.153	0.214	2.24
WK-03-A-02	BUNGALOWS	COVENTRY	WARWICKSHIRE	17	Thu	17/10/13	0.059	0.235	0.294	2.06
SH-03-A-03	DETATCHED	SHREWSBURY	SHROPSHIRE	10	Fri	26/06/09	000.0	0.200	0.200	3.00
01	46 WK-03-A-01 TERRACED/SEMI/	LEAMINGTON SPA	WARWICKSHIRE	9	TT	21/10/11	000.0	0.167	0.167	2.00

order of relative trip rate intensity, for a given time period (or peak period irrespective of time) selected by the user. The count type and direction are both displayed just above the table, along with the rows within the table representing the This section displays actual (not average) trip rates for each of the survey days in the selected set, and ranks them in 85th and 15th percentile trip rate figures (highlighted in bold within the table itself).

whichever of the three directional options has been chosen by the user. As with the preceeding trip rate calculation results table, the trip rates shown are per the calculation factor (e.g. per 100m2 GFA, per employee, per hectare, etc). Note that if the peak period option has been selected (as opposed to a specific chosen time period), the peak period for each The table itself displays details of each individual survey, alongside arrivals, departures and totals trip rates, sorted by individual survey day in the table is also displayed.

TRICS 7.2.4250216B17.31(C)2016TRICS ConsortiumLtd1107Peel Hall, WarringtonHighgateTransportationLtdParkStreetBristol

Licence No: 355901

RANK ORDER for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED VEHICLES

 Ranking Type:
 DEPARTURES
 Time Range: 09:00-10:00

 15th Percentile = No.
 39
 CA-03-A-04
 Dep: 0.111

 85th Percentile = No.
 8
 CH-03-A-05
 Dep: 0.294

Median ValuesMean ValuesArrivals:0.181Arrivals:0.156Departures:0.211Departures:0.214Totals:0.392Totals:0.370

Park Spaces	Per Dwelling	4.43	2.60	3.35	2.67	3.73	3.14	4.34	3.71	1.61	4.73	4.13	2.49	2.60	2.48	2.79	2.06	2.59	2.37	2.12	2.22	4.91	6.26	2.86	1.67	3.10	3.00	3.00	2.53	3.00	0.96	1.74	1.86
	S	1.000	0.571	0.687	0.416	0.521	0.558	0.574	0.470	0.403	0.455	0.430	0.423	0.385	0.496	0.310	0.294	0.404	0.407	0.343	0.338	0.427	0.434	0.285	0.500	0.350	0.333	0.200	0.354	0.372	0.418	0.329	0.343
Trip Rate (Sorted by Departures)	Departures	0.714	0.357	0.354	0.333	0.329	0.319	0.317	0.294	0.283	0.273	0.263	0.254	0.250	0.248	0.241	0.235	0.233	0.222	0.222	0.221	0.220	0.217	0.214	0.208	0.200	0.200	0.200	0.198	0.196	0.190	0.183	0.176
Trip Rate (	Arrivals	0.286	0.214	0.333	0.083	0.192	0.239	0.257	0.176	0.120	0.182	0.167	0.169	0.135	0.248	0.069	0.059	0.171	0.185	0.121	0.117	0.207	0.217	0.071	0.292	0.150	0.133	000.0	0.156	0.176	0.228	0.146	0.167
	Date	23/10/12	24/09/07	02/05/06	26/04/06	18/09/07	05/05/06	15/05/06	14/10/08	28/06/06	22/05/12	14/05/07	23/01/14	16/09/13	24/05/07	12/10/11	17/10/13	14/10/08	16/10/12	02/10/06	23/05/07	15/05/07	18/09/13	26/11/08	14/06/13	20/11/08	21/06/13	26/06/09	13/05/08	16/07/08	03/02/06	24/04/09	11/06/09
	5 Day	7 Tue	4 Mon	48 Tue	12 Wed	73 Tue	8 Fri	1 Mon	7 Tue	6 Wed	1 Tue	6 Mon	1 Thu	2 Mon	0 Thu	29 Wed	17 Thu	9 Tue	7 Tue	9 Mon	77 Wed	0 Tue	23 Wed	14 Wed	24 Fri	40 Thu	15 Fri	10 Fri	7 Tue	1 Wed	79 Fri	82 Fri	8 Thu
	DWELLS		8	4	1	7	138	101	17	166	1	186	71	52	230	2	1	129	27	66	2	150	2	1	2	4	1	1	237	51	7	8	108
	Area	SUFFOLK	WEST MIDLANDS	WORCESTERSHIRE	WEST MIDLANDS	CORNWALL	WORCESTERSHIRE	SUFFOLK	CHESHIRE	NOTTINGHAMSHIRE	CHESHIRE	LINCOLNSHIRE	SURREY	NORTH YORKSHIRE	SUFFOLK	GREATER MANCHESTER	WARWICKSHIRE	CHESHIRE	NORFOLK	WILTSHIRE	SUFFOLK	LINCOLNSHIRE	NORTH YORKSHIRE	STAFFORDSHIRE	LANCASHIRE	CUMBRIA	MERSEYSIDE	SHROPSHIRE	ESSEX	DORSET	WEST MIDLANDS	CUMBRIA	SHROPSHIRE
	Town/City	LOWESTOFT	COVENTRY	REDDITCH	STOURBRIDGE	TRURO	KIDDERMINSTER	BURY ST EDMUNDS	CREWE	KIRKBY-IN-ASHFIELD	CHESTER	LINCOLN	BYFLEET	NORTHALLERTON	IPSWICH	MANCHESTER	COVENTRY	CREWE	CAISTER-ON-SEA	WOOTTON BASSETT	IPSWICH	LINCOLN	BOROUGHBRIDGE	STOKE-ON-TRENT	BLACKPOOL	WORKINGTON	LIVERPOOL	SHREWSBURY	STANFORD-LE-HOPE	POOLE	COVENTRY	WORKINGTON	SHREWSBURY
	Description	DETACHED & BUN	MIXED HOUSING	SEMI DETACHED	DETACHED & SEM	SEMI D./DETATC	DETACHED	MIXED HOUSES	DETACHED	SEMI DETACHED	DETACHED	MIXED HOUSES	DETACHED & TER	MIXED HOUSING	SEMI DET./TERR	DETACHED/SEMI	BUNGALOWS	SEMI-DET./BUNG	SEMI DET. & BU	SEMI D./TERRAC	SEMI DETACHED	MIXED HOUSES	<b>PRIVATE HOUSIN</b>	<b>TERRACED &amp; DET</b>	SEMI-DETACHED	SEMI DETACHED	DETACHED	DETATCHED	SEMI-DET.	DETACHED	TERRACED	SEMI DETACHED	TERRACED
	Site-Ref	SF-03-A-04	WM-03-A-03	WO-03-A-02	WM-03-A-02	CW-03-A-02	WO-03-A-03	SF-03-A-03	CH-03-A-05	NT-03-A-03	CH-03-A-08	LN-03-A-02	SC-03-A-04	NY-03-A-09	SF-03-A-02	GM-03-A-10	WK-03-A-02	CH-03-A-06	NF-03-A-01	WL-03-A-01	SF-03-A-01	LN-03-A-01	NY-03-A-11	ST-03-A-05	LC-03-A-30	CB-03-A-03	MS-03-A-03	SH-03-A-03	EX-03-A-01	DC-03-A-01	WM-03-A-01	CB-03-A-04	SH-03-A-04
	Rank	1	2	ñ	4	5	9	7	8	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32

I 250216 B17.31 (C) 2016 TRICS Consortium Ltd		et Bristol
(C) 2016	_	Park Street
<b>TRICS 7 2 4</b> 250216 B17 31	<b>1107 Peel Hall, Warringtor</b>	Highgate Transportation Ltd

22/03/16	Page 12
Tuesday	

Ires) Park Spaces	Totals Per Dwelling	0.374 3.50	0.310 0.83	0.167 2.00	0.214 2.24	0.296 1.17	0.190 2.81	0.222 2.44	0.243 1.59	0.227 1.09	0.185 1.13	0.214 3.14	0.124 2.38	0.238 1.14	0.174 1.96
Trip Rate (Sorted by Departures)	Departures 7	0.174	0.169	0.167	0.153	0.148	0.115	0.111	0.108	0.091	0.074	0.071	0.063	0.048	0.000
Trip Rate	Arrivals	0.200	0.141	0000	0.061	0.148	0.075	0.111	0.135	0.136	0.111	0.143	0.063	0.190	0.174
	Date	14/10/11	17/09/13	21/10/11	22/10/12	24/10/13	14/10/08	18/10/11	18/11/11	18/09/12	18/09/13	15/09/08	07/10/13	16/09/13	18/10/11
	Day	Fri	Tue	Fri	Mon	Thu	Tue	Tue	Fri	Tue	Wed	Mon	Mon	Mon	TIIP
	DWELLS	115	12	9	96	54	174	6	37	22	54	14	16	21	23
	Area	NORTH YORKSHIRE	NORTH YORKSHIRE	WARWICKSHIRE	NORFOLK	SHROPSHIRE	CHESHIRE	CAMBRIDGESHIRE	EAST SUSSEX	LINCOLNSHIRE	SOUTH YORKSHIRE	NORTH YORKSHIRE	TYNE & WEAR	NORTH YORKSHIRE	NORTH YORKSHIRF
	Town/City	BOROUGHBRIDGE	RIPON	LEAMINGTON SPA	NORWICH	TELFORD	CREWE	PETERBOROUGH	PEACEHAVEN	LINCOLN	DONCASTER	BOROUGHBRIDGE	GATESHEAD	YORK	BOROLIGHBRIDGF
	Description	BUNGALOWS & SE BOROUGHBRIDGE	NY-03-A-10 HOUSES AND FLA	TERRACED/SEMI/	HOUSES & FLATS	SEMI-DETACHED/	HOUSES/FLATS	DETACHED	40 ES-03-A-02 PRIVATE HOUSIN	SEMI DETACHED	SEMI DETACHED	<b>PRIVATE HOUSIN</b>	SEMI-DETACHED	TERRACED HOUSE	DETACHED & SEM
	Site-Ref	33 NY-03-A-06	NY-03-A-10	35 WK-03-A-01	NF-03-A-02	SH-03-A-05	CH-03-A-02	39 CA-03-A-04 DETACHED	ES-03-A-02	41 LN-03-A-03	SY-03-A-01	NY-03-A-03	TW-03-A-02	NY-03-A-08	NY-03-A-07
	Rank	33	34	35	36	37	38	39	40	41	42	43	44	45	46

order of relative trip rate intensity, for a given time period (or peak period irrespective of time) selected by the user. The count type and direction are both displayed just above the table, along with the rows within the table representing the 85th and 15th percentile trip rate figures (highlighted in bold within the table itself). This section displays actual (not average) trip rates for each of the survey days in the selected set, and ranks them in

whichever of the three directional options has been chosen by the user. As with the preceeding trip rate calculation results table, the trip rates shown are per the calculation factor (e.g. per 100m2 GFA, per employee, per hectare, etc). Note that if the peak period option has been selected (as opposed to a specific chosen time period), the peak period for each The table itself displays details of each individual survey, alongside arrivals, departures and totals trip rates, sorted by individual survey day in the table is also displayed.

TRICS 7.2.4250216B17.31(C)2016TRICS Consortium Ltd1107 Peel Hall, WarringtonHighgate Transportation LtdPark StreetBristol

Licence No: 355901

RANK ORDER for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED VEHICLES

Ranking Type: AF	ARRIVALS		Time Range: 16:00-17:00
15th Percentile = No.	39	DC-03-A-01	Arr: 0.196
85th Percentile = No.	ø	LN-03-A-02	Arr: 0.419
<u>Median Values</u>		<u>Mean Values</u>	les

<u>Mean Values</u>	Arrivals:	Departures:	Totals:	
ω	0.289	0.222	0.510	
<u>Median Value</u>	Arrivals:	Departures:	Totals:	

0.301 0.186 0.487

Park Spaces	Per Dwelling	1.96	4.34	3.10	4.73	2.79	4.43	3.14	4.13	3.71	2.37	2.53	0.96	3.73	1.74	2.67	1.17	2.60	0.83	3.00	1.59	2.48	2.81	3.35	2.86	2.22	4.91	3.00	1.61	6.26	1.86	2.49	3.50
	Totals	0.913	0.773	0.750	0.637	0.586	0.858	0.645	0.650	0.588	0.851	0.637	0.583	0.562	0.561	0.583	0.481	0.476	0.479	0.500	0.297	0.509	0.488	0.521	0.500	0.403	0.460	0.400	0.452	0.348	0.389	0.451	0 374
Trip Rate (Sorted by Arrivals)	Departures	0.348	0.248	0.250	0.182	0.138	0.429	0.225	0.231	0.176	0.444	0.232	0.203	0.192	0.207	0.250	0.148	0.155	0.169	0.200	000.0	0.213	0.195	0.229	0.214	0.117	0.193	0.133	0.187	0.087	0.130	0.197	0 122
Trip Rate	Arrivals	0.565	0.525	0.500	0.455	0.448	0.429	0.420	0.419	0.412	0.407	0.405	0.380	0.370	0.354	0.333	0.333	0.321	0.310	0.300	0.297	0.296	0.293	0.292	0.286	0.286	0.267	0.267	0.265	0.261	0.259	0.254	0 252
	Date	18/10/11	15/05/06	20/11/08	22/05/12	12/10/11	23/10/12	05/05/06	14/05/07	14/10/08	16/10/12	13/05/08	03/02/06	18/09/07	24/04/09	26/04/06	24/10/13	24/09/07	17/09/13	26/06/09	18/11/11	24/05/07	14/10/08	02/05/06	26/11/08	23/05/07	15/05/07	21/06/13	28/06/06	18/09/13	11/06/09	23/01/14	14/10/11
	DWELLS Day	23 Tue	101 Mon	40 Thu	11 Tue	29 Wed	7 Tue	138 Fri	186 Mon	17 Tue	27 Tue	237 Tue	79 Fri	73 Tue	82 Fri	12 Wed	54 Thu	84 Mon	71 Tue	10 Fri	37 Fri	230 Thu	174   Tue	48 Tue	14 Wed	77 Wed	150 Tue	15 Fri	166 Wed	23 Wed	108 Thu	71 Thu	115 Eri
	Area	NORTH YORKSHIRE	SUFFOLK	CUMBRIA	CHESHIRE	GREATER MANCHESTER	SUFFOLK	WORCESTERSHIRE	LINCOLNSHIRE	CHESHIRE	NORFOLK	ESSEX	WEST MIDLANDS	CORNWALL	CUMBRIA	WEST MIDLANDS	SHROPSHIRE	WEST MIDLANDS	NORTH YORKSHIRE	SHROPSHIRE	EAST SUSSEX	SUFFOLK	CHESHIRE	WORCESTERSHIRE	STAFFORDSHIRE	SUFFOLK	LINCOLNSHIRE	MERSEYSIDE	NOTTINGHAMSHIRE	NORTH YORKSHIRE	SHROPSHIRE	SURREY	NORTH YORKSHIRF
	Town/City	BOROUGHBRIDGE	BURY ST EDMUNDS	WORKINGTON	CHESTER	MANCHESTER	LOWESTOFT	KIDDERMINSTER	LINCOLN	CREWE	CAISTER-ON-SEA	STANFORD-LE-HOPE	COVENTRY	TRURO	WORKINGTON	STOURBRIDGE	TELFORD	COVENTRY	RIPON	SHREWSBURY	PEACEHAVEN	IPSWICH	CREWE	REDDITCH	STOKE-ON-TRENT	IPSWICH	LINCOLN	LIVERPOOL	KIRKBY-IN-ASHFIELD	BOROUGHBRIDGE	SHREWSBURY	BYFLEET	ROROLIGHRRIDGF
	Description	DETACHED & SEM	MIXED HOUSES	SEMI DETACHED	DETACHED	DETACHED/SEMI	DETACHED & BUN	DETACHED	MIXED HOUSES	DETACHED	SEMI DET. & BU	SEMI-DET.	TERRACED	SEMI D./DETATC	SEMI DETACHED	DETACHED & SEM	SEMI-DETACHED/	MIXED HOUSING	HOUSES AND FLA	DETATCHED	PRIVATE HOUSIN	SEMI DET./TERR	HOUSES/FLATS	SEMI DETACHED	TERRACED & DET	SEMI DETACHED	MIXED HOUSES	DETACHED	SEMI DETACHED	<b>PRIVATE HOUSIN</b>	TERRACED	DETACHED & TER	RUNGALOWS & SF
	Site-Ref	NY-03-A-07	SF-03-A-03	CB-03-A-03	CH-03-A-08	GM-03-A-10	SF-03-A-04	WO-03-A-03	LN-03-A-02	CH-03-A-05	NF-03-A-01	EX-03-A-01	WM-03-A-01	CW-03-A-02	CB-03-A-04	WM-03-A-02	SH-03-A-05	WM-03-A-03	NY-03-A-10	SH-03-A-03	ES-03-A-02	SF-03-A-02	CH-03-A-02	WO-03-A-02	ST-03-A-05	SF-03-A-01	LN-03-A-01	MS-03-A-03	NT-03-A-03	NY-03-A-11	SH-03-A-04	SC-03-A-04	NV-03-0-06
	Rank	1	2	m	4	5	9	2	ø	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	3)

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(C) 2016	_	Park Stree
<b>TRICS 7 2 4</b> 250216 B17 31	<b>1107 Peel Hall, Warringtor</b>	Highgate Transportation Ltd

~	Page 12
Tuesday	

								Trip Ra	Trip Rate (Sorted by Arrivals)	rivals)	Park Spaces
Rank	Site-Ref	Description	Town/City	Area	DWELLS Day	Day	Date	Arrivals	Departures	Totals	Per Dwelling
33	LC-03-A-30	SEMI-DETACHED	BLACKPOOL	LANCASHIRE	24	Fri	14/06/13	0.250	0.333	0.583	1.67
34	WL-03-A-01	SEMI D./TERRAC	WOOTTON BASSETT	WILTSHIRE	66	Mon	02/10/06	0.242	0.172	0.414	2.12
35	CH-03-A-06	SEMI-DET./BUNG	CREWE	CHESHIRE	129	Tue	14/10/08	0.240	0.124	0.364	2.59
36	NF-03-A-02	NF-03-A-02 HOUSES & FLATS	NORWICH	NORFOLK	98	Mon	22/10/12	0.235	0.224	0.459	2.24
37	CA-03-A-04 DETACHED	DETACHED	PETERBOROUGH	CAMBRIDGESHIRE	6	Tue	18/10/11	0.222		0.222	2.44
38		NY-03-A-03 PRIVATE HOUSIN	BOROUGHBRIDGE	NORTH YORKSHIRE	14	Mon	15/09/08	0.214	0.143	0.357	3.14
39	DC-03-A-01 DETACHED	DETACHED	POOLE	DORSET	51	Wed	16/07/08	0.196	0.275	0.471	3.00
40	NY-03-A-08	TERRACED HOUSE	YORK	NORTH YORKSHIRE	21	Mon	16/09/13	0.190		0.285	1.14
41		LN-03-A-03 SEMI DETACHED	LINCOLN	LINCOLNSHIRE	22	Tue	18/09/12	0.182	0.136	0.318	1.09
42	NY-03-A-09	NY-03-A-09 MIXED HOUSING	NORTHALLERTON	NORTH YORKSHIRE	52	Mon	16/09/13	0.173		0.327	2.60
43	WK-03-A-01	TERRACED/SEMI/	LEAMINGTON SPA	WARWICKSHIRE	9	Fri	21/10/11	0.167	0.167	0.334	2.00
44	SY-03-A-01	SEMI DETACHED	DONCASTER	SOUTH YORKSHIRE	54	Wed	18/09/13	0.130	0.056	0.186	1.13
45	TW-03-A-02	SEMI-DETACHED	GATESHEAD	TYNE & WEAR	16	Mon	07/10/13	0.125	0.188	0.313	2.38
46	46 WK-03-A-02 BUNGALOWS	BUNGALOWS	COVENTRY	WARWICKSHIRE	17	Thu	17/10/13	000'0	0.059	0.059	2.06

order of relative trip rate intensity, for a given time period (or peak period irrespective of time) selected by the user. The count type and direction are both displayed just above the table, along with the rows within the table representing the 85th and 15th percentile trip rate figures (highlighted in bold within the table itself). This section displays actual (not average) trip rates for each of the survey days in the selected set, and ranks them in

whichever of the three directional options has been chosen by the user. As with the preceeding trip rate calculation results table, the trip rates shown are per the calculation factor (e.g. per 100m2 GFA, per employee, per hectare, etc). Note that if the peak period option has been selected (as opposed to a specific chosen time period), the peak period for each The table itself displays details of each individual survey, alongside arrivals, departures and totals trip rates, sorted by individual survey day in the table is also displayed.

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Licence No: 355901

RANK ORDER for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED VEHICLES

Time Range: 16:00-17:00 NY-03-A-06 Dep: 0.122 SF-03-A-03 Dep: 0.248 DEPARTURES 8 3<del>0</del> Ranking Type: **DEP** 15th Percentile = No. 85th Percentile = No.

0.301 0.186 0.487 <u>Mean Values</u> Arrivals: Departures: Totals: 0.195 0.188 0.383 Median Values Arrivals: Departures: Totals:

I 250216 B17.31 (C) 2016 TRICS Consortium Ltd	rington	on Ltd Park Street Bristol
TRICS 7.2.4 25021(	1107 Peel Hall, Wa	Highgate Transportation Ltd

-	Page 12
Tuesday	

							Trip Rate	Trip Rate (Sorted by Departures)	artures)	Park Spaces
Description		Town/City	Area	DWELLS	Day	Date	Arrivals	Departures	Totals	Per Dwelling
33 NY-03-A-03 PRIVATE HOUSIN BC	М	BOROUGHBRIDGE	NORTH YORKSHIRE	14	Mon	15/09/08	0.214	0.143	0.357	3.14
GM-03-A-10 DETACHED/SEMI M	Σ	MANCHESTER	GREATER MANCHESTER	29	29 Wed	12/10/11	0.448	0.138	0.586	2.79
SEMI DETACHED   LI		LINCOLN	LINCOLNSHIRE	22	Tue	18/09/12	0.182	0.136	0.318	1.09
DETACHED		LIVERPOOL	MERSEYSIDE	15	Fri	21/06/13	0.267	0.133	0.400	<u>3.00</u>
TERRACED S	S	SHREWSBURY	SHROPSHIRE	108	Thu	11/06/09	0.259	0.130	0.389	1.86
CH-03-A-06 SEMI-DET./BUNG CREWE	Ð	REWE	CHESHIRE	129	Tue	14/10/08	0.240	0.124	0.364	2.59
39 NY-03-A-06 BUNGALOWS & SE BOROUGHBRIDGE	â	OROUGHBRIDGE	<b>NORTH YORKSHIRE</b>	115	Fri	14/10/11	0.252	0.122	0.374	3.50
40 SF-03-A-01 SEMI DETACHED IPSWICH	đ	SWICH	SUFFOLK	77	77 Wed	23/05/07	0.286	0.117	0.403	2.22
NY-03-A-08 TERRACED HOUSE YO		YORK	NORTH YORKSHIRE	21	21 Mon	16/09/13	0.190	0.095	0.285	1.14
PRIVATE HOUSIN BC	В	BOROUGHBRIDGE	NORTH YORKSHIRE	23	Wed	18/09/13	0.261	0.087	0.348	6.26
BUNGALOWS	ŏ	COVENTRY	WARWICKSHIRE	17	Thu	17/10/13	0.000	0.059	0.059	2.06
Semi detached		DONCASTER	SOUTH YORKSHIRE	54	Wed	18/09/13	0.130	0.056	0.186	1.13
PRIVATE HOUSIN	_	PEACEHAVEN	EAST SUSSEX	37	Fri	18/11/11	0.297	0.000	0.297	1.59
CA-03-A-04 DETACHED	_	PETERBOROUGH	CAMBRIDGESHIRE	6	Tue	18/10/11	0.222	0.000	0.222	2.44

order of relative trip rate intensity, for a given time period (or peak period irrespective of time) selected by the user. The count type and direction are both displayed just above the table, along with the rows within the table representing the 85th and 15th percentile trip rate figures (highlighted in bold within the table itself). This section displays actual (not average) trip rates for each of the survey days in the selected set, and ranks them in

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TRICS 7.1.2 050814 B16.50 (C) 2014 JMP Consultants Ltd on behalf of the TRICS Consortium Houses - PM Peak 85th Percentile Arrivals OFF-LINE VERSION AECOM 1 New York Street Manchester

RANK ORDER for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED VEHICLES

VEHICLES Ranking Type: ARRI VALS Time Range: 17:00-18:00 15th Percentile = No. 39 SH-03-A-05 Arr: 0.241 85th Percentile = No. 8 LN-03-A-02 Arr: 0.495

Median ValuesMean ValuesArrivals:0.402Arrivals:Departures:0.338Departures:Totals:0.740Totals:

0.374 0.199 0.574

Travel Plan Yes 0.877 0.753 0.578 0.739 0.725 0.551 0.500 0.572 0.626 0.555 0.515 0.850 0.726 0.644 0.625 0.765 0.687 0.774 0.558 0.470 0.739 0.778 0.818 0.843 0.759 0.713 0.705 0.465 0.351 0.545 1.300 0.561 Totals Trip Rate (Sorted by Arrivals) 0.219 0.213 0.148 0.319 0.273 0.228 0.333 0.355 0.099 0.248 0.250 0.296 0.229 0.103 0.274 0.063 0.143 0.208 0.369 0.099 0.412 0.236 0.174 0.222 0.261 0.141 0.207 0.000 0.203 0.130 0.600 0.307 Departures 0.556 0.510 0.478 0.439 0.438 0.425 0.413 0.398 0.366 0.558 0.545 0.525 0.478 0.458 0.448 0.429 0.407 0.405 0.374 0.354 0.353 0.351 0.296 0.475 0.322 0.700 0.609 0.479 0.463 0.417 0.342 0.495 Arrivals 14/05/07 15/05/06 17/09/13 Date 18/09/13 05/05/06 22/05/12 16/07/08 20/11/08 02/05/06 07/10/13 14/10/08 26/06/09 18/10/11 18/10/11 24/05/07 11/06/09 12/10/11 13/05/08 23/10/12 18/09/07 14/06/13 15/05/07 16/10/12 24/09/07 28/06/06 02/10/06 23/01/14 24/04/09 03/02/06 14/10/08 18/11/11 14/10/1 Mon Wed Wed Wed Wed Day Mon Tue Thu Tue Mon Tue Mon Mon Tue Tue Thu Thu Tue Tue Tue Tue Thu Tue Tue Tue Ē Ŀ 186 230 237 84 9 σ 40 108 29 16 73 24 150 166 115 23 138 7 23 48 66 7 82 62 174 ;-5 27 17 51 37 DWELLS **GREATER MANCHESTER** NOTTINGHAMSHIRE NORTH YORKSHIRE NORTH YORKSHIRE NORTH YORKSHIRE NORTH YORKSHIRE WORCESTERSHIRE WORCESTERSHIRE CAMBRIDGESHIRE LI NCOLNSHI RE WEST MIDLANDS WEST MIDLANDS Area LINCOLNSHIRE **TYNE & WEAR** SHROPSHIRE SHROPSHIRE EAST SUSSEX LANCASHIRE CORNWALL WILTSHIRE CHESHIRE CHESHIRE CHESHIRE CUMBRIA NORFOLK CUMBRIA SUFFOLK SUFFOLK SUFFOLK SURREY DORSET ESSEX KIRKBY-IN-ASHFIELD STANFORD-LE-HOPE WOOTTON BASSETT BURY ST EDMUNDS BOROUGHBRIDGE BOROUGHBRIDGE BOROUGHBRIDGE Town/City CAISTER-ON-SEA **KIDDERMINSTER** PETERBOROUGH WORKINGTON SHREWSBURY MANCHESTER SHREWSBURY WORKINGTON PEACEHAVEN GATESHEAD LOWESTOFT REDDITCH BLACKPOOL COVENTRY LI NCOLN COVENTRY CHESTER LINCOLN **IPSWICH** BYFLEET CREWE TRURO CREWE POOLE RIPON BUNGALOWS & SE DETACHED & SEM DETACHED & BUN PRIVATE HOUSIN MIXED HOUSES DETACHED & TER HOUSES AND FLA **PRIVATE HOUSIN** SEMI-DETACHED SEMI DET./TERR SEMI DETACHED SEMI D./DETATC SEMI-DETACHED MIXED HOUSING SEMI D./TERRAC SEMI DETACHED DETACHED/SEMI SEMI DETACHED SEMI DETACHED SEMI DET. & BU MIXED HOUSES MIXED HOUSES HOUSES/FLATS Description DETATCHED DETACHED DETACHED DETACHED DETACHED TERRACED DETACHED TERRACED SEMI-DET LN-03-A-02 WM-03-A-03 NY-03-A-10 WO-03-A-02 GM-03-A-10 TW-03-A-02 CW-03-A-02 WM-03-A-01 NY-03-A-06 SH-03-A-03 WO-03-A-03 LC-03-A-30 SC-03-A-04 CH-03-A-05 CH-03-A-02 CA-03-A-04 CH-03-A-08 SF-03-A-03 DC-03-A-01 NY-03-A-07 SF-03-A-02 CB-03-A-03 SH-03-A-04 EX-03-A-01 SF-03-A-04 NT-03-A-03 WL-03-A-01 CB-03-A-04 NY-03-A-11 LN-03-A-01 NF-03-A-01 ES-03-A-02 Site-Ref 19 20 21 22 23 ഹ 9 1ω 6 Rank  $\sim$ (m 4 10 7 12 13 14 15 16 17 18 24 25 26 27 28 30 31

Monday 15/06/15 Page 11

Licence No: 204622

TRICS 7.1.2 050814 B16.50 (C) 2014 JMP Consultants Ltd on behalf of the TRICS Consortium		ichester
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P Consulta	lls	ork Street
1 2014 JM	Houses - PM Peak 85th Percentile Arrivals	AECOM 1 New York Street
(C) 0	ercent	AECOM
4 B16.5	85th P	
2 05081	<b>M</b> Peak	OFF-LINE VERSION
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Departures Totals Plan
Arrivals Departures
Date
Day
DWELLS
Area
Town/City
Description
Site-Ref
Rank

order of relative trip rate intensity, for a given time period (or peak period irrespective of time) selected by the user. The count type and direction are both displayed just above the table, along with the rows within the table representing the 85th and 15th percentile trip rate figures (highlighted in bold within the table itself). This section displays actual (not average) trip rates for each of the survey days in the selected set, and ranks them in

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TRICS 7.1.2050814B16.50(C)2014JMP ConsultantsLtd on behalfof the TRICS ConsortiumHouses - PM Peak 85th Percentile DeparturesDeparturesOFF-LINE VERSIONAECOM1New York StreetManchester

Licence No: 204622

RANK ORDER for VEHICLES	RANK ORDER for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY VEHI CLES	PRIVATELY OWNED	
Ranking Tyne	DEPARTIIRES Time Rande	ime Rande: 17·00-18·00	

 IIme Range: 17:00-18:00
 SC-03-A-04
 Dep: 0.099
 NT-03-A-03
 Dep: 0.307 Ranking Type: UEPARI UKES 15th Percentile = No. 39 S 85th Percentile = No. 8 N

0.374	0.199	0.574
<u>Mean Values</u> Arrivals:	Departures:	Totals:
5 0.348	-	0.553
<u>Median Values</u> Arrivals:	Departures:	Totals:

Iravel	Plan																																
artures)	Totals	1.300	0.765	0.774	0.850	0.843	0.416	0.877	0.705	0.759	0.713	0.818	0.739	0.725	0.726	0.558	0.687	0.753	0.778	0.644	0.500	0.626	0.625	0.561	0.545	0.400	0.461	0.470	0.416	0.555	0.572	0.378	0.357
Irip kate (sorted by Departures)	Departures	0.600	0.412	0.369	0.355	0.333	0.333	0.319	0.307	0.296	0.274	0.273	0.261	0.250	0.248	0.236	0.229	0.228	0.222	0.219	0.214	0.213	0.208	0.207	0.203	0.200	0.192	0.174	0.169	0.148	0.143	0.143	0.143
I rip kate (	Arrivals	0.700	0.353	0.405	0.495	0.510	0.083	0.558	0.398	0.463	0.439	0.545	0.478	0.475	0.478	0.322	0.458	0.525	0.556	0.425	0.286	0.413	0.417	0.354	0.342	0.200	0.269	0.296	0.247	0.407	0.429	0.235	0.214
	Date	26/06/09	14/10/08	24/09/07	14/05/07	16/07/08	26/04/06	05/05/06	28/06/06	11/06/09	13/05/08	22/05/12	18/10/11	20/11/08	24/05/07	14/10/08	02/05/06	15/05/06	18/10/11	18/09/07	26/11/08	15/05/07	14/06/13	24/04/09	03/02/06	21/06/13	16/09/13	14/10/11	23/05/07	16/10/12	23/10/12	22/10/12	15/09/08
	Day	Fri	Tue	Mon	Mon	Wed	Wed	Fri	Wed	Thu	Tue	Tue	Tue	Thu	Thu	Tue	Tue	Mon	Tue	Tue	Wed	Tue	Fri	Fri	Fri	Fri	Mon	Fri	Wed	Tue	Tue	Mon	Mon
	DWELLS	10	17	84	186	51	12	138	166	108	237	11	23	40	230	174	48	101	6	73	14	150	24	82	79	15	52	115	77	27	7	98	14
	Area	SHROPSHIRE	CHESHIRE	WEST MIDLANDS	LINCOLNSHIRE	DORSET	WEST MIDLANDS	WORCESTERSHIRE	NOTTI NGHAMSHI RE	SHROPSHIRE	ESSEX	CHESHIRE	NORTH YORKSHIRE	CUMBRIA	SUFFOLK	CHESHIRE	WORCESTERSHIRE	SUFFOLK	CAMBRIDGESHIRE	CORNWALL	STAFFORDSHIRE	LINCOLNSHIRE	LANCASHIRE	CUMBRIA	WEST MIDLANDS	MERSEYSIDE	NORTH YORKSHIRE	NORTH YORKSHIRE	SUFFOLK	NORFOLK	SUFFOLK	NORFOLK	NORTH YORKSHIRE
	Town/City	SHREWSBURY	CREWE	COVENTRY	LINCOLN	POOLE	STOURBRIDGE	KIDDERMINSTER	KI RKBY-I N-ASHFI ELD	SHREWSBURY	STANFORD-LE-HOPE	CHESTER	BOROUGHBRIDGE	WORKINGTON	IPSWICH	CREWE	REDDITCH	BURY ST EDMUNDS	PETERBOROUGH	TRURO	STOKE-ON-TRENT	LINCOLN	BLACKPOOL	WORKINGTON	COVENTRY	LIVERPOOL	NORTHALLERTON	BOROUGHBRIDGE	IPSWICH	CAISTER-ON-SEA	LOWESTOFT	NORWICH	BOROUGHBRIDGE
	Description	DETATCHED	DETACHED	MIXED HOUSING	MIXED HOUSES	DETACHED	DETACHED & SEM	DETACHED	SEMI DETACHED	TERRACED	SEMI-DET.	DETACHED	DETACHED & SEM	SEMI DETACHED	SEMI DET./TERR	HOUSES/FLATS	SEMI DETACHED	MIXED HOUSES	DETACHED	SEMI D./DETATC	TERRACED & DET	MIXED HOUSES	SEMI-DETACHED	SEMI DETACHED	TERRACED	DETACHED	MIXED HOUSING	BUNGALOWS & SE	SEMI DETACHED	SEMI DET. & BU	DETACHED & BUN	HOUSES & FLATS	PRIVATE HOUSIN
	Site-Ref	SH-03-A-03	CH-03-A-05	WM-03-A-03	LN-03-A-02	DC-03-A-01	WM-03-A-02	WO-03-A-03	NT-03-A-03	SH-03-A-04	EX-03-A-01	CH-03-A-08	NY-03-A-07	CB-03-A-03	SF-03-A-02	CH-03-A-02	WO-03-A-02	SF-03-A-03	CA-03-A-04	CW-03-A-02	ST-03-A-05	LN-03-A-01	LC-03-A-30	CB-03-A-04	WM-03-A-01	MS-03-A-03	NY-03-A-09	NY-03-A-06	SF-03-A-01	NF-03-A-01	SF-03-A-04	NF-03-A-02	NY-03-A-03
	Rank	1	2	3	4	5	9	7	-	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32

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TRICS 7.1.2 050814 B16.50 (C) 2014 JMP Consultants Ltd on behalf of the TRICS Consortium		
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JMP Consulta	spartures	w York Street
(C) 2014	entile De	1 1 Ne
316.50	th Perce	AECON
TRICS 7.1.2 050814 E	Houses - PM Peak 85th Percentile Departures	OFF-LINE VERSION AECOM 1 New York Street Ma

15/06/15	Page 12	
Monday		

Travel	Plan												Yes		
artures)	Totals	0.515	0.272	0.739	0.371	0.551	0.578	0.465	0.500	0.334	0.334	0.318	0.351	0.167	0.000
Trip Rate (Sorted by Departures)	Departures	0.141	0.140	0.130	0.130	0.103	0.099	0.099	0.063	0.056	0.048	0.045	0.000	0.000	0.000
Trip Rate (	Arrivals	0.374	0.132	0.609	0.241	0.448	0.479	0.366	0.438	0.278	0.286	0.273	0.351	0.167	0.000
	Date	02/10/06	14/10/08	18/09/13	24/10/13	12/10/11	17/09/13	23/01/14	07/10/13	18/09/13	16/09/13	18/09/12	18/11/11	21/10/11	17/10/13
	Day	99 Mon	Tue	Wed	Thu	Wed	Tue	Thu	16 Mon	54 Wed	Mon	Tue	Fri	Fri	17 Thu
	DWELLS	66	129	23	54	29	71	71	16	54	21	22	37	9	17
	Area	WILTSHIRE	CHESHIRE	NORTH YORKSHIRE	SHROPSHIRE	GREATER MANCHESTER	NORTH YORKSHIRE	SURREY	TYNE & WEAR	SOUTH YORKSHIRE	NORTH YORKSHIRE	LINCOLNSHIRE	EAST SUSSEX	WARWICKSHIRE	WARWICKSHIRE
	Town/City	WOOTTON BASSETT	CREWE	BOROUGHBRIDGE	TELFORD	MANCHESTER	RIPON	BYFLEET	GATESHEAD	DONCASTER	YORK	LINCOLN	PEACEHAVEN	LEAMINGTON SPA	COVENTRY
	Description	WL-03-A-01 SEMI D./TERRAC	CH-03-A-06 SEMI-DET./BUNG	<b>PRIVATE HOUSIN</b>	SEMI-DETACHED/	37 GM-03-A-10 DETACHED/SEMI	38 NY-03-A-10 HOUSES AND FLA RIPON	39 SC-03-A-04 DETACHED & TER BYFLEET	40 TW-03-A-02 SEMI-DETACHED GATESHEAD	SY-03-A-01 SEMI DETACHED	<b>TERRACED HOUSE</b>	SEMI DETACHED	PRIVATE HOUSIN	45 WK-03-A-01 TERRACED/SEMI/	46 WK-03-A-02 BUNGALOWS
	Site-Ref	WL-03-A-01	CH-03-A-06	NY-03-A-11	SH-03-A-05	GM-03-A-10	NY-03-A-10	SC-03-A-04	TW-03-A-02	SY-03-A-01	NY-03-A-08	LN-03-A-03	44 ES-03-A-02	WK-03-A-01	WK-03-A-02
	Rank	33	34	35	36	37	38	39	40	41	42	43	44	45	46

order of relative trip rate intensity, for a given time period (or peak period irrespective of time) selected by the user. The count type and direction are both displayed just above the table, along with the rows within the table representing the 85th and 15th percentile trip rate figures (highlighted in bold within the table itself). This section displays actual (not average) trip rates for each of the survey days in the selected set, and ranks them in

whichever of the three directional options has been chosen by the user. As with the preceeding trip rate calculation results table, the trip rates shown are per the calculation factor (e.g. per 100m2 GFA, per employee, per hectare, etc). Note that if the peak period option has been selected (as opposed to a specific chosen time period), the peak period for each The table itself displays details of each individual survey, alongside arrivals, departures and totals trip rates, sorted by individual survey day in the table is also displayed.

TRICS 7.2.4250216B17.31(C)2016TRICS Consortium Ltd1107 Peel Hall, WarringtonHighgate Transportation LtdPark StreetBristol

Licence No: 355901

RANK ORDER for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED VEHICLES

Ranking Type:	ARRI	ARRIVALS	I	Time Range: 18:00-19:00
15th Percentile = No.	lo.	39	NY-03-A-06 Arr: 0.130	Arr: 0.130
85th Percentile = No.	<u>lo.</u>	ø	CH-03-A-08 Arr: 0.364	Arr: 0.364
<u>Median Values</u>			<u>Mean Values</u>	es

<u>Mean Values</u>	Arrivals:	Departures:	Totals:	
N	0.274	0.238	0.512	
<u>Median Value</u>	Arrivals:	Departures:	Totals:	

0.250 0.177 0.427

Park Spaces	Per Dwelling	3.00	3.00	2.38	6.26	2.60	3.14	96.0	4.73	2.48	1.96	2.00	1.74	2.22	3.10	2.37	1.17	3.71	2.81	1.67	3.73	2.53	4.13	1.61	3.35	0.83	4.91	2.49	2.24	2.12	1.86	4.34	1.09
(	Totals P	0.800	0.726	0.938	0.609	0.691	0.768	0.544	0.546	0.661	0.478	0.500	0.549	0.546	0.450	0.629	0.407	0.588	0.477	0.500	0.480	0.481	0.597	0.566	0.459	0.437	0.400	0.296	0.367	0.384	0.361	0.396	0.227
Trip Rate (Sorted by Arrivals)	Departures	0.267	0.255	0.500	0.174	0.274	0.362	0.177	0.182	0.300	0.130	0.167	0.232	0.234	0.150	0.333	0.111	0.294	0.184	0.208	0.192	0.194	0.317	0.289	0.188	0.183	0.180	0.085	0.163	0.182	0.167	0.208	0.045
Trip Rate	Arrivals	0.533	0.471	0.438	0.435	0.417	0.406	0.367	0.364	0.361	0.348	0.333	0.317	0.312	0.300	0.296	0.296	0.294	0.293	0.292	0.288	0.287	0.280	0.277	0.271	0.254	0.220	0.211	0.204	0.202	0.194	0.188	0.182
	Date	21/06/13	16/07/08	07/10/13	18/09/13	24/09/07	05/05/06	03/02/06	22/05/12	24/05/07	18/10/11	21/10/11	24/04/09	23/05/07	20/11/08	16/10/12	24/10/13	14/10/08	14/10/08	14/06/13	18/09/07	13/05/08	14/05/07	28/06/06	02/05/06	17/09/13	15/05/07	23/01/14	22/10/12	02/10/06	11/06/09	15/05/06	18/09/12
	Day	Fri	Wed	Mon	Wed	Mon	Fri	Fri	Tue	Thu	Tue	Fri	Fri	Wed	Thu	Tue	Thu	Tue	Tue	Fri	Tue	Tue	Mon	Wed	Tue	Tue	Tue	Thu	Mon	Mon	Thu	Mon	Tue
	DWELLS	15	51	16	23	84	138	62	11	230	23	9	82	77	40	27	54	17	174	24	73	237	186	166	48	71	150	71	98	66	108	101	22
	Area	MERSEYSIDE	DORSET	TYNE & WEAR	NORTH YORKSHIRE	WEST MIDLANDS	WORCESTERSHIRE	WEST MIDLANDS	CHESHIRE	SUFFOLK	NORTH YORKSHIRE	WARWICKSHIRE	CUMBRIA	SUFFOLK	CUMBRIA	NORFOLK	SHROPSHIRE	CHESHIRE	CHESHIRE	LANCASHIRE	CORNWALL	ESSEX	LINCOLNSHIRE	NOTTINGHAMSHIRE	WORCESTERSHIRE	NORTH YORKSHIRE	LINCOLNSHIRE	SURREY	NORFOLK	WILTSHIRE	SHROPSHIRE	SUFFOLK	LINCOLNSHIRE
	Town/City	LIVERPOOL	POOLE	GATESHEAD	BOROUGHBRIDGE	COVENTRY	<b>KIDDERMINSTER</b>	COVENTRY	CHESTER	IPSWICH	BOROUGHBRIDGE	LEAMINGTON SPA	WORKINGTON	IPSWICH	WORKINGTON	CAISTER-ON-SEA	TELFORD	CREWE	CREWE	BLACKPOOL	TRURO	STANFORD-LE-HOPE	LINCOLN	KIRKBY-IN-ASHFIELD	REDDITCH	RIPON	LINCOLN	BYFLEET	NORWICH	WOOTTON BASSETT	SHREWSBURY	BURY ST EDMUNDS	LINCOLN
	Description	DETACHED	DETACHED	SEMI-DETACHED	<b>PRIVATE HOUSIN</b>	MIXED HOUSING	DETACHED	TERRACED	DETACHED	SEMI DET./TERR	DETACHED & SEM	TERRACED/SEMI/	SEMI DETACHED	SEMI DETACHED	SEMI DETACHED	SEMI DET. & BU	SEMI-DETACHED/	DETACHED	HOUSES/FLATS	SEMI-DETACHED	SEMI D./DETATC	SEMI-DET.	MIXED HOUSES	SEMI DETACHED	SEMI DETACHED	HOUSES AND FLA	MIXED HOUSES	DETACHED & TER	HOUSES & FLATS	SEMI D./TERRAC	TERRACED	MIXED HOUSES	SEMI DETACHED
	Site-Ref	MS-03-A-03	DC-03-A-01	TW-03-A-02	NY-03-A-11	WM-03-A-03	WO-03-A-03	WM-03-A-01	CH-03-A-08	SF-03-A-02	NY-03-A-07	WK-03-A-01	CB-03-A-04	SF-03-A-01	CB-03-A-03	NF-03-A-01	SH-03-A-05	CH-03-A-05	CH-03-A-02	LC-03-A-30	CW-03-A-02	EX-03-A-01	LN-03-A-02	NT-03-A-03	WO-03-A-02	NY-03-A-10	LN-03-A-01	SC-03-A-04	NF-03-A-02	WL-03-A-01	SH-03-A-04	SF-03-A-03	LN-03-A-03
	Rank	1	2	č	4	5	9	2	8		10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32

I (C) 2016 TRICS Consortium Ltc		reet Bristol
(C) 20		Park St
<b>TRICS 7 2 4</b> 250216 B17 31	1107 Peel Hall, Warrington	Highgate Transportation Ltd

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Tuesday	

								Trip Rat	Trip Rate (Sorted by Arrivals)	riva <b>l</b> s)	Park Spaces
Rank	Site-Ref	Description	Town/City	Area	DWELLS	Day	Date	Arrivals	Departures	Totals	Per Dwelling
33	WM-03-A-02	33 WM-03-A-02 DETACHED & SEM	STOURBRIDGE	WEST MIDLANDS	12	Wed	26/04/06	0.167	0.250	0.417	2.67
34	34 SY-03-A-01	SEMI DETACHED	DONCASTER	SOUTH YORKSHIRE	54	Wed	18/09/13	0.167	0.074	0.241	1.13
35	35 SF-03-A-04	DETACHED & BUN LOWESTOFT	LOWESTOFT	SUFFOLK	2	Tue	23/10/12	0.143	0.143	0.286	4.43
36	NY-03-A-08	TERRACED HOUSE	YORK	NORTH YORKSHIRE	21	Mon	16/09/13	0.143	0.143	0.286	1.14
37	GM-03-A-10	DETACHED/SEMI	MANCHESTER	GREATER MANCHESTER	29	Wed	12/10/11	0.138	000.0	0.138	2.79
38	CH-03-A-06	SEMI-DET /BUNG	CREWE	CHESHIRE	129	Tue	14/10/08	0.132	0.101	0.233	2.59
39	NY-03-A-06	<b>BUNGALOWS &amp; SI</b>	39 NY-03-A-06 BUNGALOWS & SE BOROUGHBRIDGE	<b>NORTH YORKSHIRE</b>	115	Fri	14/10/11	0.130	0.113	0.243	3.50
40	40 CA-03-A-04 DETACHED	DETACHED	PETERBOROUGH	CAMBRIDGESHIRE	6	Tue	18/10/11	0.111	000.0	0.111	2.44
41	41 ES-03-A-02	<b>PRIVATE HOUSIN</b>	PEACEHAVEN	EAST SUSSEX	37	Fri	18/11/11	0.108	0.054	0.162	1.59
42	SH-03-A-03	DETATCHED	SHREWSBURY	SHROPSHIRE	10	10 Fri	26/06/09	0.100	0.200	0.300	3.00
43	NY-03-A-09	MIXED HOUSING	NORTHALLERTON	NORTH YORKSHIRE	52	Mon	16/09/13	960'0	0.058	0.154	2.60
4	ST-03-A-05	TERRACED & DET	STOKE-ON-TRENT	STAFFORDSHIRE	14	Wed	26/11/08	0.071	0.071	0.142	2.86
45	NY-03-A-03	<b>PRIVATE HOUSIN</b>	BOROUGHBRIDGE	NORTH YORKSHIRE	14	Mon	15/09/08	0.071	0.000	0.071	3.14
46	46 WK-03-A-02 BUNGALOWS	BUNGALOWS	COVENTRY	WARWICKSHIRE	17	Thu	17/10/13	000.0	0000	000.0	2.06

order of relative trip rate intensity, for a given time period (or peak period irrespective of time) selected by the user. The count type and direction are both displayed just above the table, along with the rows within the table representing the 85th and 15th percentile trip rate figures (highlighted in bold within the table itself). This section displays actual (not average) trip rates for each of the survey days in the selected set, and ranks them in

whichever of the three directional options has been chosen by the user. As with the preceeding trip rate calculation results table, the trip rates shown are per the calculation factor (e.g. per 100m2 GFA, per employee, per hectare, etc). Note that if the peak period option has been selected (as opposed to a specific chosen time period), the peak period for each The table itself displays details of each individual survey, alongside arrivals, departures and totals trip rates, sorted by individual survey day in the table is also displayed.

TRICS 7.2.4250216B17.31(C)2016TRICS ConsortiumLtd1107Peel Hall, WarringtonHighgateTransportationLtdParkStreetBristol

Licence No: 355901

Tuesday 22/03/16 Page 11

> RANK ORDER for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED VEHICLES

 Ranking Type:
 DEPARTURES
 Time Range: 18:00-19:00

 15th Percentile = No.
 39
 ST-03-A-05
 Dep: 0.071

 85th Percentile = No.
 8
 WM-03-A-03
 Dep: 0.274

Median ValuesMean ValuesArrivals:0.211Arrivals:0.250Departures:0.181Departures:0.177Totals:0.392Totals:0.427

Park Spaces	Per Dwelling	2.38	3.14	2.37	4.13	2.48	3.71	1.61	2.60	3.00	3.00	2.67	2.22	1.74	1.67	4.34	3.00	2.53	3.73	3.35	2.81	0.83	4.73	2.12	4.91	0.96	6.26	2.00	1.86	2.24	3.10	4.43	7 + 7
artures)	Totals	0.938	0.768	0.629	0.597	0.661	0.588	0.566	0.691	0.800	0.726	0.417	0.546	0.549	0.500	0.396	0.300	0.481	0.480	0.459	0.477	0.437	0.546	0.384	0.400	0.544	0.609	0.500	0.361	0.367	0.450	0.286	
Trip Rate (Sorted by Departures)	Departures	0.500	0.362	0.333	0.317	0.300	0.294	0.289	0.274	0.267	0.255	0.250	0.234	0.232	0.208	0.208	0.200	0.194	0.192	0.188	0.184	0.183	0.182	0.182	0.180	0.177	0.174	0.167	0.167	0.163	0.150	0.143	
Trip Rate (S		0.438	0.406	0.296	0.280	0.361	0.294	0.277	0.417	0.533	0.471	0.167	0.312	0.317	0.292	0.188	0.100	0.287	0.288	0.271	0.293	0.254	0.364	0.202	0.220	0.367	0.435	0.333	0.194	0.204	0.300	0.143	
	Date	07/10/13	05/05/06	16/10/12	14/05/07	24/05/07	14/10/08	28/06/06	24/09/07	21/06/13	16/07/08	26/04/06	23/05/07	24/04/09	14/06/13	15/05/06	26/06/09	13/05/08	18/09/07	02/05/06	14/10/08	17/09/13	22/05/12	02/10/06	15/05/07	03/02/06	18/09/13	21/10/11	11/06/09	22/10/12	20/11/08	23/10/12	
	S Day	16 Mon	138 Fri	27 Tue	186 Mon	230 Thu	17 Tue	166 Wed	84 Mon	15 Fri	51 Wed	12 Wed	77 Wed	82 Fri	24 Fri	101 Mon	10 Fri	237 Tue	73 Tue	48 Tue	174 Tue	71 Tue	11 Tue	99 Mon	150 Tue	79 Fri	23 Wed	6 Fri	108 Thu	98 Mon	40 Thu	7 Tue	
	DWELLS		1		18	5		1(	8					3		1(		23			1.				11				1(		7		
	Area	TYNE & WEAR	WORCESTERSHIRE	NORFOLK	LINCOLNSHIRE	SUFFOLK	CHESHIRE	NOTTINGHAMSHIRE	WEST MIDLANDS	MERSEYSIDE	DORSET	WEST MIDLANDS	SUFFOLK	CUMBRIA	LANCASHIRE	SUFFOLK	SHROPSHIRE	ESSEX	CORNWALL	WORCESTERSHIRE	CHESHIRE	NORTH YORKSHIRE	CHESHIRE	WILTSHIRE	LINCOLNSHIRE	WEST MIDLANDS	NORTH YORKSHIRE	WARWICKSHIRE	SHROPSHIRE	NORFOLK	CUMBRIA	SUFFOLK	
	Town/City	GATESHEAD	KIDDERMINSTER	CAISTER-ON-SEA	LINCOLN	IPSWICH	CREWE	KIRKBY-IN-ASHFIELD	COVENTRY	LIVERPOOL	POOLE	STOURBRIDGE	IPSWICH	WORKINGTON	BLACKPOOL	BURY ST EDMUNDS	SHREWSBURY	STANFORD-LE-HOPE	TRURO	REDDITCH	CREWE	RIPON	CHESTER	WOOTTON BASSETT	LINCOLN	COVENTRY	BOROUGHBRIDGE	LEAMINGTON SPA	SHREWSBURY	NORWICH	WORKINGTON	LOWESTOFT	
	Description	SEMI-DETACHED	DETACHED	SEMI DET. & BU	MIXED HOUSES	SEMI DET./TERR	DETACHED	SEMI DETACHED	MIXED HOUSING	DETACHED	DETACHED	DETACHED & SEM	SEMI DETACHED	SEMI DETACHED	SEMI-DETACHED	MIXED HOUSES	DETATCHED	SEMI-DET.	SEMI D./DETATC	SEMI DETACHED	HOUSES/FLATS	HOUSES AND FLA	DETACHED	SEMI D./TERRAC	MIXED HOUSES	TERRACED	<b>PRIVATE HOUSIN</b>	TERRACED/SEMI/	TERRACED	HOUSES & FLATS	SEMI DETACHED	DETACHED & BUN	
	Site-Ref	TW-03-A-02	WO-03-A-03	NF-03-A-01	LN-03-A-02	SF-03-A-02	CH-03-A-05	NT-03-A-03	WM-03-A-03	MS-03-A-03	DC-03-A-01	WM-03-A-02	SF-03-A-01	CB-03-A-04	LC-03-A-30	SF-03-A-03	SH-03-A-03	EX-03-A-01	CW-03-A-02	WO-03-A-02	CH-03-A-02	NY-03-A-10	CH-03-A-08	WL-03-A-01	LN-03-A-01	WM-03-A-01	NY-03-A-11	WK-03-A-01	SH-03-A-04	NF-03-A-02	CB-03-A-03	SF-03-A-04	
	Rank		2	<u></u> м	4	ഹ	6	2	8	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	ć

<b>TRICS 7.2.4</b> 250216 B17.31 (C) 2016 TRICS Consortium Ltd	(C) 2016	TRICS Consortium Ltd
<b>1107 Peel Hall, Warrington</b>		
Highgate Transportation Ltd	Park Street	Bristo

-	Page 12
Tuesday	

Park Spaces Per Dwelling

1.96 3.50 1.17 2.59 2.49 1.13

0.243 0.407 0.233 0.296

0.478

Totals

by Departures)

2.86

0.142 0.154 0.162 0.227 0.138 0.111

0.241

2.60 1.59 1.09 2.79

2.44 3.14 2.06

0.000

0.000

0.000

17 Thu 17/10/13

WARWICKSHIRE

COVENTRY

WK-03-A-02 BUNGALOWS

46

0.071

Trip Rate (Sorted by Depa	Area DWELLS Day Date Arrivals Departures	NORTH YORKSHIRE 23 Tue 18/10/11 0.348 0.130	NORTH YORKSHIRE 115 Fri 14/10/11 0.130 0.113	HIRE 54 Thu 24/10/13 0.296 0.111	KE 129 Tue 14/10/08 0.132 0.101	71 Thu 23/01/14 0.211 0.085	SOUTH YORKSHIRE 54 Wed 18/09/13 0.167 0.074	STAFFORDSHIRE 14 Wed 26/11/08 0.071 0.071	NORTH YORKSHIRE 52 Mon 16/09/13 0.096 0.058	SSEX 37 Fri 18/11/11 0.108 0.054	ISHIRE 22 Tue 18/09/12 0.182 0.045	GREATER MANCHESTER 29 Wed 12/10/11 0.138 0.000	CAMBRIDGESHIRE 9 Tue 18/10/11 0.111 0.000	
	Town/City	BOROUGHBRIDGE	BOROUGHBRIDGE	TELFORD SHROPSHIRE	CREWE CHESHIRE	BYFLEET SURREY	DONCASTER SOUTH Y		NORTHALLERTON	PEACEHAVEN EAST SUSSEX	LINCOLN	MANCHESTER	PETERBOROUGH CAMBRID	
	Site-Ref Description	33 NY-03-A-07 DETACHED & SEM	34 NY-03-A-06 BUNGALOWS & SE	SH-03-A-05 SEMI-DETACHED/	36 CH-03-A-06 SEMI-DET./BUNG	37 SC-03-A-04 DETACHED & TER	SY-03-A-01 SEMI DETACHED	39 ST-03-A-05 TERRACED & DET STOKE-ON-TRENT	40 NY-03-A-09 MIXED HOUSING	ES-03-A-02 PRIVATE HOUSIN	42 LN-03-A-03 SEMI DETACHED	43 GM-03-A-10 DETACHED/SEMI	CA-03-A-04 DETACHED	
	Rank	33	34 [	35 3	36 (	37	38	39 S	40	41 F	42 1	43 (	44 (	L

order of relative trip rate intensity, for a given time period (or peak period irrespective of time) selected by the user. The count type and direction are both displayed just above the table, along with the rows within the table representing the This section displays actual (not average) trip rates for each of the survey days in the selected set, and ranks them in 85th and 15th percentile trip rate figures (highlighted in bold within the table itself).

whichever of the three directional options has been chosen by the user. As with the preceeding trip rate calculation results table, the trip rates shown are per the calculation factor (e.g. per 100m2 GFA, per employee, per hectare, etc). Note that The table itself displays details of each individual survey, alongside arrivals, departures and totals trip rates, sorted by if the peak period option has been selected (as opposed to a specific chosen time period), the peak period for each individual survey day in the table is also displayed.

# Appendix 3

Care Home Trip Rates

TRICS 7.2.4 250216 B17.31	(C) 2016 T	RICS Consortium Ltd	Monday 21/03/16
1107 Peel Hall, Warrington	1		Page 1
Highgate Transportation Ltd	Park Street	Bristol	Licence No: 355901

Calculation Reference: AUDIT-355901-160321-0351

#### **TRIP RATE CALCULATION SELECTION PARAMETERS:**

Land Use	: 05 - HEALTH
Category	: F - CARE HOME (ELDERLY RESIDENTIAL)
MULTI-I	MODAL VEHICLÈS

Selec	ted reg	<i>iions and areas<u>:</u></i>	
03	SOUT	TH WEST	
	DC	DORSET	1 days
06	WES	T MIDLANDS	
	WK	WARWICKSHIRE	1 days
07	YOR	(SHIRE & NORTH LINCOLNSHIRE	
	WY	WEST YORKSHIRE	1 days

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

#### Filtering Stage 2 selection:

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

Parameter:	Number of residents
Actual Range:	32 to 58 (units: )
Range Selected by User:	17 to 180 (units: )

Public Transport Provision: Selection by:

C . I . . . . . . . . . .

Include all surveys

Date Range: 01/01/07 to 24/10/13

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.

1 days
1 days
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 undertaking using machines.

<u>Selected Locations:</u> Suburban Area (PPS6 Out of Centre)

3

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.

<u>Selected Location Sub Categories:</u> Residential Zone

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.

TRICS 7.2.4 250216 B17.31 (C) 2016 TR 1107 Peel Hall, Warrington	RICS Consortium Ltd	Monday 21/03/16 Page 2
Highgate Transportation Ltd Park Street	Bristol	Licence No: 355901
Filtering Stage 3 selection:		
<u>Use Class:</u> C2	3 days	
	<i>yeys per Use Class classification within the selected set.</i> h can be found within the Library module of TRICS®.	The Use Classes Order 2005
Population within 1 mile: 5,001 to 10,000 20,001 to 25,000 25,001 to 50,000	1 days 1 days 1 days	
This data displays the number of sele	ected surveys within stated 1-mile radii of population.	
<i>Population within 5 miles:</i> 75,001 to 100,000 250,001 to 500,000 500,001 or More	1 days 1 days 1 days	
This data displays the number of sele	ected surveys within stated 5-mile radii of population.	
Car ownership within 5 miles:		
0.6 to 1.0 1.1 to 1.5	2 days 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.

<u>Travel Plan:</u> 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.

1	DC-05-F-02 NURSING HOME WHARNCLIFFE ROAD BOSCOMBE BOURNEMOUTH Suburban Area (PPS6 Out of Centre)		DORSET
2	Residential Zone Total Number of residents: Survey date: WEDNESDAY WK-05-F-01 NURSING HOME CLARENDON SQUARE	43 <i>16/07/08</i>	Survey Type: MANUAL <b>WARWICKSHIRE</b>
3	LEAMINGTON SPA Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of residents: <i>Survey date: THURSDAY</i> <b>WY-05-F-01 NURSING HOME</b> CLIFF ROAD HYDE PARK LEEDS	32 25/10/12	Survey Type: MANUAL WEST YORKSHIRE
	Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of residents: Survey date: TUESDAY	58 15/06/10	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 05 - HEALTH/F - CARE HOME (ELDERLY RESIDENTIAL) **MULTI-MODAL VEHICLES Calculation factor: 1 RESIDE BOLD print indicates peak (busiest) period**

	ARRIVALS			[	DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	RESIDE	Rate	Days	RESIDE	Rate	Days	RESIDE	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	44	0.075	3	44	0.083	3	44	0.158
08:00 - 09:00	3	44	0.068	3	44	0.068	3	44	0.136
09:00 - 10:00	3	44	0.090	3	44	0.038	3	44	0.128
10:00 - 11:00	3	44	0.083	3	44	0.090	3	44	0.173
11:00 - 12:00	3	44	0.098	3	44	0.113	3	44	0.211
12:00 - 13:00	3	44	0.060	3	44	0.060	3	44	0.120
13:00 - 14:00	3	44	0.105	3	44	0.068	3	44	0.173
14:00 - 15:00	3	44	0.068	3	44	0.075	3	44	0.143
15:00 - 16:00	3	44	0.053	3	44	0.075	3	44	0.128
16:00 - 17:00	3	44	0.068	3	44	0.053	3	44	0.121
17:00 - 18:00	3	44	0.083	3	44	0.113	3	44	0.196
18:00 - 19:00	3	44	0.098	3	44	0.105	3	44	0.203
19:00 - 20:00	3	44	0.053	3	44	0.068	3	44	0.121
20:00 - 21:00	2	45	0.011	2	45	0.044	2	45	0.055
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.013			1.053			2.066

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:	32 - 58 (units: )
Survey date date range:	01/01/07 - 24/10/13
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

#### TRIP RATE for Land Use 05 - HEALTH/F - CARE HOME (ELDERLY RESIDENTIAL) **MULTI-MODAL TAXIS Calculation factor: 1 RESIDE BOLD print indicates peak (busiest) period**

	ARRIVALS			[	DEPARTURES		TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	RESIDE	Rate	Days	RESIDE	Rate	Days	RESIDE	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	44	0.000	3	44	0.000	3	44	0.000
08:00 - 09:00	3	44	0.000	3	44	0.000	3	44	0.000
09:00 - 10:00	3	44	0.000	3	44	0.000	3	44	0.000
10:00 - 11:00	3	44	0.000	3	44	0.000	3	44	0.000
11:00 - 12:00	3	44	0.008	3	44	0.008	3	44	0.016
12:00 - 13:00	3	44	0.008	3	44	0.008	3	44	0.016
13:00 - 14:00	3	44	0.015	3	44	0.015	3	44	0.030
14:00 - 15:00	3	44	0.008	3	44	0.008	3	44	0.016
15:00 - 16:00	3	44	0.008	3	44	0.008	3	44	0.016
16:00 - 17:00	3	44	0.008	3	44	0.008	3	44	0.016
17:00 - 18:00	3	44	0.000	3	44	0.000	3	44	0.000
18:00 - 19:00	3	44	0.008	3	44	0.008	3	44	0.016
19:00 - 20:00	3	44	0.008	3	44	0.008	3	44	0.016
20:00 - 21:00	2	45	0.000	2	45	0.000	2	45	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.071			0.071			0.142

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:	32 - 58 (units: )
Survey date date range:	01/01/07 - 24/10/13
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

#### TRIP RATE for Land Use 05 - HEALTH/F - CARE HOME (ELDERLY RESIDENTIAL) **MULTI-MODAL OGVS Calculation factor: 1 RESIDE BOLD print indicates peak (busiest) period**

Bristo

	ARRIVALS			[	DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	RESIDE	Rate	Days	RESIDE	Rate	Days	RESIDE	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	44	0.015	3	44	0.015	3	44	0.030
08:00 - 09:00	3	44	0.000	3	44	0.000	3	44	0.000
09:00 - 10:00	3	44	0.000	3	44	0.000	3	44	0.000
10:00 - 11:00	3	44	0.023	3	44	0.008	3	44	0.031
11:00 - 12:00	3	44	0.015	3	44	0.023	3	44	0.038
12:00 - 13:00	3	44	0.000	3	44	0.008	3	44	0.008
13:00 - 14:00	3	44	0.000	3	44	0.000	3	44	0.000
14:00 - 15:00	3	44	0.000	3	44	0.000	3	44	0.000
15:00 - 16:00	3	44	0.000	3	44	0.000	3	44	0.000
16:00 - 17:00	3	44	0.000	3	44	0.000	3	44	0.000
17:00 - 18:00	3	44	0.000	3	44	0.000	3	44	0.000
18:00 - 19:00	3	44	0.000	3	44	0.000	3	44	0.000
19:00 - 20:00	3	44	0.000	3	44	0.000	3	44	0.000
20:00 - 21:00	2	45	0.000	2	45	0.000	2	45	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0,053			0.054			0,107

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:	32 - 58 (units: )
Survey date date range:	01/01/07 - 24/10/13
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

#### TRIP RATE for Land Use 05 - HEALTH/F - CARE HOME (ELDERLY RESIDENTIAL) **MULTI-MODAL PSVS Calculation factor: 1 RESIDE BOLD print indicates peak (busiest) period**

	ARRIVALS			[	DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	RESIDE	Rate	Days	RESIDE	Rate	Days	RESIDE	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	44	0.000	3	44	0.000	3	44	0.000
08:00 - 09:00	3	44	0.000	3	44	0.008	3	44	0.008
09:00 - 10:00	3	44	0.000	3	44	0.000	3	44	0.000
10:00 - 11:00	3	44	0.000	3	44	0.000	3	44	0.000
11:00 - 12:00	3	44	0.000	3	44	0.000	3	44	0.000
12:00 - 13:00	3	44	0.000	3	44	0.000	3	44	0.000
13:00 - 14:00	3	44	0.000	3	44	0.000	3	44	0.000
14:00 - 15:00	3	44	0.008	3	44	0.000	3	44	0.008
15:00 - 16:00	3	44	0.000	3	44	0.008	3	44	0.008
16:00 - 17:00	3	44	0.000	3	44	0.000	3	44	0.000
17:00 - 18:00	3	44	0.000	3	44	0.000	3	44	0.000
18:00 - 19:00	3	44	0.000	3	44	0.000	3	44	0.000
19:00 - 20:00	3	44	0.000	3	44	0.000	3	44	0.000
20:00 - 21:00	2	45	0.000	2	45	0.000	2	45	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.008			0.016			0.024

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.

# **Parameter summary**

Trip rate parameter range selected:	32 - 58 (units: )
Survey date date range:	01/01/07 - 24/10/13
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

# TRIP RATE for Land Use 05 - HEALTH/F - CARE HOME (ELDERLY RESIDENTIAL) **MULTI-MODAL CYCLISTS Calculation factor: 1 RESIDE BOLD print indicates peak (busiest) period**

	ARRIVALS			[	DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	RESIDE	Rate	Days	RESIDE	Rate	Days	RESIDE	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	44	0.000	3	44	0.000	3	44	0.000
08:00 - 09:00	3	44	0.008	3	44	0.008	3	44	0.016
09:00 - 10:00	3	44	0.008	3	44	0.008	3	44	0.016
10:00 - 11:00	3	44	0.000	3	44	0.000	3	44	0.000
11:00 - 12:00	3	44	0.000	3	44	0.000	3	44	0.000
12:00 - 13:00	3	44	0.000	3	44	0.000	3	44	0.000
13:00 - 14:00	3	44	0.000	3	44	0.000	3	44	0.000
14:00 - 15:00	3	44	0.000	3	44	0.000	3	44	0.000
15:00 - 16:00	3	44	0.023	3	44	0.023	3	44	0.046
16:00 - 17:00	3	44	0.000	3	44	0.000	3	44	0.000
17:00 - 18:00	3	44	0.030	3	44	0.023	3	44	0.053
18:00 - 19:00	3	44	0.000	3	44	0.000	3	44	0.000
19:00 - 20:00	3	44	0.000	3	44	0.000	3	44	0.000
20:00 - 21:00	2	45	0.000	2	45	0.000	2	45	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.069		<b>`</b>	0.062			0.131

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:	32 - 58 (units: )
Survey date date range:	01/01/07 - 24/10/13
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

# rk Street Bristol

TRIP RATE for Land Use 05 - HEALTH/F - CARE HOME (ELDERLY RESIDENTIAL) **MULTI-MODAL VEHICLE OCCUPANTS** 

Calculation factor: 1 RESIDE

BOLD print indicates peak (busiest) period

	ARRIVALS			[	DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	RESIDE	Rate	Days	RESIDE	Rate	Days	RESIDE	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	44	0.090	3	44	0.083	3	44	0.173
08:00 - 09:00	3	44	0.098	3	44	0.083	3	44	0.181
09:00 - 10:00	3	44	0.090	3	44	0.045	3	44	0.135
10:00 - 11:00	3	44	0.113	3	44	0.128	3	44	0.241
11:00 - 12:00	3	44	0.120	3	44	0.143	3	44	0.263
12:00 - 13:00	3	44	0.053	3	44	0.045	3	44	0.098
13:00 - 14:00	3	44	0.135	3	44	0.068	3	44	0.203
14:00 - 15:00	3	44	0.083	3	44	0.090	3	44	0.173
15:00 - 16:00	3	44	0.060	3	44	0.098	3	44	0.158
16:00 - 17:00	3	44	0.068	3	44	0.083	3	44	0.151
17:00 - 18:00	3	44	0.083	3	44	0.150	3	44	0.233
18:00 - 19:00	3	44	0.135	3	44	0.135	3	44	0.270
19:00 - 20:00	3	44	0.060	3	44	0.083	3	44	0.143
20:00 - 21:00	2	45	0.022	2	45	0.056	2	45	0.078
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.210			1.290			2,500

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:	32 - 58 (units: )
Survey date date range:	01/01/07 <del>-</del> 24/10/13
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

# TRIP RATE for Land Use 05 - HEALTH/F - CARE HOME (ELDERLY RESIDENTIAL) **MULTI-MODAL PEDESTRIANS Calculation factor: 1 RESIDE BOLD print indicates peak (busiest) period**

	ARRIVALS			[	DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	RESIDE	Rate	Days	RESIDE	Rate	Days	RESIDE	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	44	0.060	3	44	0.023	3	44	0.083
08:00 - 09:00	3	44	0.030	3	44	0.023	3	44	0.053
09:00 - 10:00	3	44	0.038	3	44	0.015	3	44	0.053
10:00 - 11:00	3	44	0.053	3	44	0.030	3	44	0.083
11:00 - 12:00	3	44	0.030	3	44	0.045	3	44	0.075
12:00 - 13:00	3	44	0.038	3	44	0.068	3	44	0.106
13:00 - 14:00	3	44	0.023	3	44	0.023	3	44	0.046
14:00 - 15:00	3	44	0.023	3	44	0.023	3	44	0.046
15:00 - 16:00	3	44	0.015	3	44	0.045	3	44	0.060
16:00 - 17:00	3	44	0.015	3	44	0.038	3	44	0.053
17:00 - 18:00	3	44	0.000	3	44	0.015	3	44	0.015
18:00 - 19:00	3	44	0.023	3	44	0.000	3	44	0.023
19:00 - 20:00	3	44	0.023	3	44	0.045	3	44	0.068
20:00 - 21:00	2	45	0.000	2	45	0.022	2	45	0.022
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.371			0.415			0.786

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:	32 - 58 (units: )
Survey date date range:	01/01/07 <del>-</del> 24/10/13
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

# TRIP RATE for Land Use 05 - HEALTH/F - CARE HOME (ELDERLY RESIDENTIAL) **MULTI-MODAL BUS/TRAM PASSENGERS Calculation factor: 1 RESIDE BOLD print indicates peak (busiest) period**

	ARRIVALS			[	DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	RESIDE	Rate	Days	RESIDE	Rate	Days	RESIDE	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	44	0,038	3	44	0.000	3	44	0.038
08:00 - 09:00	3	44	0.015	3	44	0.030	3	44	0.045
09:00 - 10:00	3	44	0.000	3	44	0.000	3	44	0.000
10:00 - 11:00	3	44	0.008	3	44	0.000	3	44	0.008
11:00 - 12:00	3	44	0.015	3	44	0.000	3	44	0.015
12:00 - 13:00	3	44	0.000	3	44	0.008	3	44	0.008
13:00 - 14:00	3	44	0.008	3	44	0.000	3	44	0.008
14:00 - 15:00	3	44	0.015	3	44	0.030	3	44	0.045
15:00 - 16:00	3	44	0.000	3	44	0.008	3	44	0.008
16:00 - 17:00	3	44	0.000	3	44	0.008	3	44	0.008
17:00 - 18:00	3	44	0.008	3	44	0.000	3	44	0.008
18:00 - 19:00	3	44	0.000	3	44	0.000	3	44	0.000
19:00 - 20:00	3	44	0.030	3	44	0.000	3	44	0.030
20:00 - 21:00	2	45	0.011	2	45	0.022	2	45	0.033
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.148			0.106			0.254

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:	32 - 58 (units: )
Survey date date range:	01/01/07 - 24/10/13
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

# TRIP RATE for Land Use 05 - HEALTH/F - CARE HOME (ELDERLY RESIDENTIAL) **MULTI-MODAL TOTAL RAIL PASSENGERS Calculation factor: 1 RESIDE BOLD print indicates peak (busiest) period**

	ARRIVALS			[	DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	RESIDE	Rate	Days	RESIDE	Rate	Days	RESIDE	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	44	0.000	3	44	0.000	3	44	0.000
08:00 - 09:00	3	44	0.000	3	44	0.000	3	44	0.000
09:00 - 10:00	3	44	0.000	3	44	0.000	3	44	0.000
10:00 - 11:00	3	44	0.000	3	44	0.000	3	44	0.000
11:00 - 12:00	3	44	0.000	3	44	0.000	3	44	0.000
12:00 - 13:00	3	44	0.000	3	44	0.000	3	44	0.000
13:00 - 14:00	3	44	0.000	3	44	0.000	3	44	0.000
14:00 - 15:00	3	44	0.000	3	44	0.000	3	44	0.000
15:00 - 16:00	3	44	0.000	3	44	0.000	3	44	0.000
16:00 - 17:00	3	44	0.000	3	44	0.000	3	44	0.000
17:00 - 18:00	3	44	0.000	3	44	0.000	3	44	0.000
18:00 - 19:00	3	44	0.000	3	44	0.000	3	44	0.000
19:00 - 20:00	3	44	0.000	3	44	0.000	3	44	0.000
20:00 - 21:00	2	45	0.000	2	45	0.000	2	45	0.000
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:	32 - 58 (units: )
Survey date date range:	01/01/07 <b>-</b> 24/10/13
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

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# TRIP RATE for Land Use 05 - HEALTH/F - CARE HOME (ELDERLY RESIDENTIAL) **MULTI-MODAL COACH PASSENGERS Calculation factor: 1 RESIDE BOLD print indicates peak (busiest) period**

	ARRIVALS			[	DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	RESIDE	Rate	Days	RESIDE	Rate	Days	RESIDE	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	44	0.000	3	44	0.000	3	44	0.000
08:00 - 09:00	3	44	0.000	3	44	0.000	3	44	0.000
09:00 - 10:00	3	44	0.000	3	44	0.000	3	44	0.000
10:00 - 11:00	3	44	0.000	3	44	0.000	3	44	0.000
11:00 - 12:00	3	44	0.000	3	44	0.000	3	44	0.000
12:00 - 13:00	3	44	0.000	3	44	0.000	3	44	0.000
13:00 - 14:00	3	44	0.000	3	44	0.000	3	44	0.000
14:00 - 15:00	3	44	0.000	3	44	0.000	3	44	0.000
15:00 - 16:00	3	44	0.000	3	44	0.000	3	44	0.000
16:00 - 17:00	3	44	0.000	3	44	0.000	3	44	0.000
17:00 - 18:00	3	44	0.000	3	44	0.000	3	44	0.000
18:00 - 19:00	3	44	0.000	3	44	0.000	3	44	0.000
19:00 - 20:00	3	44	0.000	3	44	0.000	3	44	0.000
20:00 - 21:00	2	45	0.000	2	45	0.000	2	45	0.000
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:	32 - 58 (units: )
Survey date date range:	01/01/07 - 24/10/13
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

# TRIP RATE for Land Use 05 - HEALTH/F - CARE HOME (ELDERLY RESIDENTIAL) **MULTI-MODAL PUBLIC TRANSPORT USERS Calculation factor: 1 RESIDE BOLD print indicates peak (busiest) period**

	ARRIVALS			[	DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	RESIDE	Rate	Days	RESIDE	Rate	Days	RESIDE	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	44	0,038	3	44	0.000	3	44	0.038
08:00 - 09:00	3	44	0.015	3	44	0.030	3	44	0.045
09:00 - 10:00	3	44	0.000	3	44	0.000	3	44	0.000
10:00 - 11:00	3	44	0.008	3	44	0.000	3	44	0.008
11:00 - 12:00	3	44	0.015	3	44	0.000	3	44	0.015
12:00 - 13:00	3	44	0.000	3	44	0.008	3	44	0.008
13:00 - 14:00	3	44	0.008	3	44	0.000	3	44	0.008
14:00 - 15:00	3	44	0.015	3	44	0.030	3	44	0.045
15:00 - 16:00	3	44	0.000	3	44	0.008	3	44	0.008
16:00 - 17:00	3	44	0.000	3	44	0.008	3	44	0.008
17:00 - 18:00	3	44	0.008	3	44	0.000	3	44	0.008
18:00 - 19:00	3	44	0.000	3	44	0.000	3	44	0.000
19:00 - 20:00	3	44	0.030	3	44	0.000	3	44	0.030
20:00 - 21:00	2	45	0.011	2	45	0.022	2	45	0.033
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.148			0.106			0.254

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:	32 - 58 (units: )
Survey date date range:	01/01/07 - 24/10/13
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

# TRIP RATE for Land Use 05 - HEALTH/F - CARE HOME (ELDERLY RESIDENTIAL) **MULTI-MODAL TOTAL PEOPLE Calculation factor: 1 RESIDE BOLD print indicates peak (busiest) period**

	ARRIVALS			DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	RESIDE	Rate	Days	RESIDE	Rate	Days	RESIDE	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	44	0,188	3	44	0.105	3	44	0.293
08:00 - 09:00	3	44	0.150	3	44	0.143	3	44	0.293
09:00 - 10:00	3	44	0.135	3	44	0.068	3	44	0.203
10:00 - 11:00	3	44	0.173	3	44	0.158	3	44	0.331
11:00 - 12:00	3	44	0.165	3	44	0.188	3	44	0.353
12:00 - 13:00	3	44	0.090	3	44	0.120	3	44	0.210
13:00 - 14:00	3	44	0.165	3	44	0.090	3	44	0.255
14:00 - 15:00	3	44	0.120	3	44	0.143	3	44	0.263
15:00 - 16:00	3	44	0.098	3	44	0.173	3	44	0.271
16:00 - 17:00	3	44	0.083	3	44	0.128	3	44	0.211
17:00 - 18:00	3	44	0.120	3	44	0.188	3	44	0.308
18:00 - 19:00	3	44	0.158	3	44	0.135	3	44	0.293
19:00 - 20:00	3	44	0.113	3	44	0.128	3	44	0.241
20:00 - 21:00	2	45	0.033	2	45	0.100	2	45	0.133
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.791			1.867			3,658

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:	32 - 58 (units: )
Survey date date range:	01/01/07 - 24/10/13
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0