

Appendix 21

Warrington Design Guide Extracts – Parking Guidelines

Appendix A Parking Standards

The parking standards represent the required level of parking for each use class, considered appropriate and reasonable, according to location and type of use.

Standards for residential development, disabled parking, bicycle parking and motorcycle parking are set as minimum standards, a higher provision may be required if the needs of a particular development or location indicate this to be appropriate.

Standards should be calculated using the **Gross Floor Area (External)** of the development unless otherwise stated

Row ID	Use Class	Specific Land Use	Area A (town centre)	Area B (all other areas)	Disabled parking (minimum standard)	Bicycles (minimum standard)	Motorcycles (minimum standard)	Other considerations
1	A1 Shops	Food retail	1 space per 17 sqm	1 space per 16 sqm	Standard allocation for "shopping, leisure and recreation" (see table below)	1 space per 140 sqm (minimum of 2 spaces)	1 space per 350 sqm (minimum of 2 spaces)	Space for unloading and loading and layout that allows exit in forward gear. In exceptional circumstances, in the town centre and within district centres, the council will consider provision below the standards – each application to be judged on its merits. 5% of spaces to be covered by electric vehicle charging point or enabled for simple retro-fitting at a later date.
2		Non-food retail	1 space per 23 sqm	1 space per 22 sqm	Standard allocation for "shopping, leisure and recreation" (see table below)	1 space per 200 sqm (minimum of 2 spaces)	1 space per 500 sqm (minimum of 2 spaces)	Space for unloading and loading and layout that allows exit in forward gear. In exceptional circumstances, in the town centre and within district centres, the council will consider provision below the standards – each application to be judged on its merits. 5% of spaces to be covered by electric vehicle charging point or enabled for simple retro-fitting at a later date.



Row ID	Use Class	Specific Land Use	Area A (town centre)	Area B (all other areas)	Disabled parking (minimum standard)	Bicycles (minimum standard)	Motorcycles (minimum standard)	Other considerations
3	A2 Financial & Professional Services	Banks/building societies, betting offices, estate and employment agencies, professional and financial services	1 space per 28 sqm	1 space per 25 sqm	Standard allocation for "shopping, leisure and recreation" (see table below)	1 space per 200 sqm (minimum of 2 spaces)	1 space per 500 sqm (minimum of 2 spaces)	In exceptional circumstances, in the town centre and within district centres, the council will consider provision below the standards – each application to be judged on its merits.
4	A3 & A5 Restaurants, Cafes, Hot Food Takeaways	Restaurants, cafes, snack bars, Fast food and drive through takeaways.	1 space per 9 sqm of public floor area	1 space per 7 sqm of public floor area	Standard allocation for "shopping, leisure and recreation" (see table below)	1 space per 50 sqm (minimum of 2 spaces)	1 space per 125 sqm (minimum of 2 spaces)	Space for unloading and loading and layout that allows exit in forward gear. Coach and taxi parking and drop-off to be negotiated on a case-by-case basis. In exceptional circumstances, in the town centre and within district centres, the council will consider provision below the standards – each application to be judged on its merits.
5	A4 Drinking Establishments	Public houses, wine bars, other drinking establishments	1 space per 9 sqm of public floor area	1 space per 7 sqm of public floor area	Standard allocation for "shopping, leisure and recreation" (see table below)	1 space per 50 sqm (minimum of 2 spaces)	1 space per 125 sqm (minimum of 2 spaces)	Space for unloading and loading and layout that allows exit in forward gear. Coach and taxi parking and drop-off to be negotiated on a case-by-case basis. In exceptional circumstances, in the town centre and within district centres, the council will consider provision below the standards – each application to be judged on its merits.
6	B1 Business / Offices	Stand-alone offices, business parks, research and development, call centres	1 space per 35 sqm	1 space per 26 sqm (stand-alone offices and business parks) 1 space per 20 sqm (Exceptional maximum standard where a travel plan is to be delivered that demonstrates an exceptionally high level of quality, commitment to delivery and availability of alternative modes – see paragraphs 2.7 - 2.9 in the SPD for details).	Standard allocation (see table below)	1 space per 200 sqm (minimum of 2 spaces)	1 space per 750 sqm (minimum of 2 spaces)	5% of spaces to be covered by electric vehicle charging point or enabled for simple retro-fitting at a later date. Negotiation of standards for call centres may be necessary due to shift patterns.

Row ID	Use Class	Specific Land Use	Area A (town centre)	Area B (all other areas)	Disabled parking (minimum standard)	Bicycles (minimum standard)	Motorcycles (minimum standard)	Other considerations
7	B2 General Industry	General industry	1 space per 48 sqm	1 space per 60 sqm 1 space per 48 sqm (Exceptional maximum standard where a travel plan is to be delivered that demonstrates an exceptionally high level of quality, commitment to delivery and availability of alternative modes – see paragraphs 2.7 - 2.9 in the SPD for details).	Standard allocation (see table below)	1 space per 450 sqm (minimum of 2 spaces)	1 space per 1000 sqm (minimum of 2 spaces)	Space for unloading and loading and layout that allows exit in forward gear. 5% of spaces to be covered by electric vehicle charging point or enabled for simple retro-fitting at a later date.
8	B8 Storage and Distribution	Storage and Distribution	1 space per 100 sqm	1 space per 120 sqm 1 space per 100 sqm (Exceptional maximum standard where a travel plan is to be delivered that demonstrates an exceptionally high level of quality, commitment to delivery and availability of alternative modes – see paragraphs 2.7 - 2.9 in the SPD for details).	Standard allocation (see table below)	1 space per 850 sqm (minimum of 2 spaces)	1 space per 2000 sqm (minimum of 2 spaces)	Space for unloading and loading and layout that allows exit in forward gear.
9	C1 Hotels	Hotels, boarding and guesthouses	1 space per bedroom	1 space per bedroom	Standard allocation (see table below)	1 space per 10 guest rooms (minimum of 2 spaces)	1 space per 25 guest rooms (minimum of 2 spaces)	Parking allocation covers staff parking. Coach drop-off to be provided (hotels only). Coach and taxi parking to be negotiated on a case-by-case basis. 5% of spaces to be covered by electric vehicle charging point or enabled for simple retro-fitting at a later date.
10	C2 Hospitals	Hospitals	As Area B	Staff patients and visitors accommodation for long stay patients (elderly or mentally ill) 2 spaces for every 3 beds + Day places for elderly or mentally ill 2 spaces for every 3 places + Other accommodation 1 space per bed + Outpatient and accident/emergency facilities 1 space for every 4 anticipated daily attendances	Up to 200 bays: 3 bays or 6% of total capacity whichever is greater Over 200 bays: 4 bays plus 4% of total capacity	1 space per 10 staff (minimum of 2 spaces)	1 space per 20 staff (minimum of 2 spaces)	Allocation is starting point for discussion. 5% of spaces to be covered by electric vehicle charging point or enabled for simple retro-fitting at a later date. Ambulance parking spaces to be provided in addition to emergency facilities.

Row ID	Use Class	Specific Land Use	Area A (town centre)	Area B (all other areas)	Disabled parking (minimum standard)	Bicycles (minimum standard)	Motorcycles (minimum standard)	Other considerations
11	C2 Residential Institutions	Residential care homes, nursing homes	1 per 3 beds	1 space per resident staff + 1 space per 2 non-resident staff + 1 space per 3 beds for visitors /care workers	Standard allocation (see table below) (Minimum of 2 spaces)	1 space per 40 beds (minimum of 2 spaces)	1 space per 100 beds (minimum of 2 spaces)	Space for ambulance, minibus or van. 5% of spaces to be covered by electric vehicle charging point or enabled for simple retro-fitting at a later date.
12		Independent living housing (Category ii housing, domiciliary care / community living) and sheltered accommodation	To be determined on a site-by-site basis	1 space per 2 residential units/dwellings + 1 space per resident staff + 1 space per 5 residential dwellings for visitors/care workers	Standard allocation (see table below) (minimum of 2 spaces)	1 space per 15 units/dwellings (minimum of 2 spaces)	1 space per 50 beds (minimum of 2 spaces)	Space for ambulance, minibus or van. For continuing care a combination of independent living and Extra Care Living will usually be applied. Consideration should be given to the safe storage of and charging point locations for mobility scooters when designing retirement/sheltered housing developments.
13		Extra Care Housing	To be determined on a site-by-site basis	1 space per 4 residential dwellings + 1 space per resident staff + 1 space per 5 residential units/dwellings for visitors/care workers	Standard allocation (see table below) (minimum of 2 spaces)	1 space per 40 units/dwellings (minimum of 2 spaces)	1 space per 50 beds (minimum of 2 spaces)	Space for ambulance, minibus or van. For continuing care a combination of independent living and Extra Care Housing will usually be applied. Consideration should be given to the safe storage of and charging point locations for mobility scooters when designing retirement/sheltered housing developments.
14		Residential schools & colleges	1 per 4 beds	1 per 4 staff plus 1 per 4 beds for pupils over driving age	Standard allocation (see table below)	1 space per 20 beds (minimum of 2 spaces)	1 space per 50 beds (minimum of 2 spaces)	
15	C3 Dwelling Houses	"Car free" residential developments	N/A	N/A	To be determined on a site-by-site basis	To be determined on a site-by-site basis	To be determined on a site-by-site basis	Acceptability of car free developments is to be determined through a transport assessment. Car free residential developments are unlikely to be acceptable in Area B.

Row ID	Use Class	Specific Land Use	Area A (town centre)	Area B (all other areas)	Disabled parking (minimum standard)	Bicycles (minimum standard)	Motorcycles (minimum standard)	Other considerations												
16	C3 Dwelling Houses	5 dwellings or less (houses and flats, including residential domestic improvement / extension)	One space per dwelling	<table border="1"> <thead> <tr> <th>Dwelling type</th> <th>Minimum number of parking spaces</th> </tr> </thead> <tbody> <tr> <td>1 bed flats</td> <td>1 allocated space per dwelling</td> </tr> <tr> <td>1 bed houses / 2 bed flats</td> <td>1 allocated space per dwelling</td> </tr> <tr> <td>2 bed houses</td> <td>2 allocated spaces per dwelling</td> </tr> <tr> <td>3 bed houses / 3 bed flats</td> <td>2 allocated spaces per dwelling</td> </tr> <tr> <td>4+ bed houses</td> <td>3 allocated spaces per dwelling</td> </tr> </tbody> </table> <p>Visitor Parking: 1 visitor space will be required for each development in addition to the minimum above.</p> <p>See pages 8 - 9 in the SPD for further details.</p>	Dwelling type	Minimum number of parking spaces	1 bed flats	1 allocated space per dwelling	1 bed houses / 2 bed flats	1 allocated space per dwelling	2 bed houses	2 allocated spaces per dwelling	3 bed houses / 3 bed flats	2 allocated spaces per dwelling	4+ bed houses	3 allocated spaces per dwelling	By negotiation with council officers	<p>Flats: 1 space per dwelling</p> <p>Houses: 1 space per bedroom - provision within storage room, garage or via access to rear garden to be demonstrated.</p>	By negotiation with council officers	<p>Refer to Design Guide for garage specifications.</p> <p>Each dwelling with on-plot parking to be provided with external electric vehicle charging point.</p> <p>In communal parking arrangements 5% of unallocated spaces to be covered by electric vehicle charging point. Refer to Design Guide for specifications.</p>
Dwelling type	Minimum number of parking spaces																			
1 bed flats	1 allocated space per dwelling																			
1 bed houses / 2 bed flats	1 allocated space per dwelling																			
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3 bed houses / 3 bed flats	2 allocated spaces per dwelling																			
4+ bed houses	3 allocated spaces per dwelling																			

Row ID	Use Class	Specific Land Use	Area A (town centre)	Area B (all other areas)	Disabled parking (minimum standard)	Bicycles (minimum standard)	Motorcycles (minimum standard)	Other considerations														
17	C3 Dwelling Houses	More than 5 dwellings (houses and flats)	One space per dwelling	<table border="1"> <thead> <tr> <th>Dwelling Type</th> <th>Minimum number and form of parking spaces required per dwelling</th> </tr> </thead> <tbody> <tr> <td>1 bed flats</td> <td>1 allocated space + 0.3 unallocated spaces</td> </tr> <tr> <td>1 bed houses / 2 bed flats</td> <td>1 allocated space + 0.4 unallocated spaces</td> </tr> <tr> <td>2 bed houses</td> <td>2 allocated spaces + 0.2 unallocated spaces</td> </tr> <tr> <td>3 bed houses / 3 bed flats</td> <td>2 allocated spaces + 0.3 unallocated spaces</td> </tr> <tr> <td>4+ bed houses</td> <td>3 allocated spaces + 0.3 unallocated spaces</td> </tr> <tr> <td colspan="2">The minimum number of spaces given above will meet the needs of residents and visitors</td> </tr> </tbody> </table> <p>See page 9-10 of the SPD for further details.</p>	Dwelling Type	Minimum number and form of parking spaces required per dwelling	1 bed flats	1 allocated space + 0.3 unallocated spaces	1 bed houses / 2 bed flats	1 allocated space + 0.4 unallocated spaces	2 bed houses	2 allocated spaces + 0.2 unallocated spaces	3 bed houses / 3 bed flats	2 allocated spaces + 0.3 unallocated spaces	4+ bed houses	3 allocated spaces + 0.3 unallocated spaces	The minimum number of spaces given above will meet the needs of residents and visitors		<p>5% of total unallocated parking provision to be provided as unallocated disabled spaces</p> <p>4% of total unallocated car park capacity as enlarged standard spaces (3.6x6m)</p>	<p>Flats: 1 space per dwelling</p> <p>Houses: 1 space per bedroom - provision within storage room, garage or via access to rear garden to be demonstrated.</p>	3% of total unallocated parking provision.	<p>Refer to Design Guide for garage specifications.</p> <p>Each dwelling with on-plot parking to be provided with external electric vehicle charging point.</p> <p>In communal parking arrangements 5% of unallocated spaces to be covered by electric vehicle charging point. Refer to Design Guide for specifications.</p> <p>See calculation EXCEL sheet for assistance with calculations.</p>
Dwelling Type	Minimum number and form of parking spaces required per dwelling																					
1 bed flats	1 allocated space + 0.3 unallocated spaces																					
1 bed houses / 2 bed flats	1 allocated space + 0.4 unallocated spaces																					
2 bed houses	2 allocated spaces + 0.2 unallocated spaces																					
3 bed houses / 3 bed flats	2 allocated spaces + 0.3 unallocated spaces																					
4+ bed houses	3 allocated spaces + 0.3 unallocated spaces																					
The minimum number of spaces given above will meet the needs of residents and visitors																						
18	C4 Houses of Multiple Occupation	Houses of multiple occupation	To be determined on a site-by-site basis	To be determined on a site-by-site basis	To be determined on a site-by-site basis	To be determined on a site-by-site basis	To be determined on a site-by-site basis	Developers will need to demonstrate that sufficient on- or off-street parking is available and that there will be no detriment to local residential amenity														
19	D1 Non-residential Institutions	Clinics and health centres (excludes hospitals)	1 space per 2 staff plus 3 per consulting room	1 space per 2 staff plus 4 per consulting room	To be determined on a site-by-site basis	2 spaces per consulting room (minimum of 2 spaces)	1 space per 2 consulting rooms (minimum of 2 spaces)	<p>Priority must be given to operational needs and people with mobility problems.</p> <p>Space for ambulance, minibus or van.</p> <p>Parking allocations cover staff and visitor demand.</p>														

Row ID	Use Class	Specific Land Use	Area A (town centre)	Area B (all other areas)	Disabled parking (minimum standard)	Bicycles (minimum standard)	Motorcycles (minimum standard)	Other considerations
								In exceptional circumstances, in the town centre and within district centres, the council will consider provision below the standards – each application to be judged on its merits.
20		Creches, day nurseries and day centres	1 space per 1 member of staff	1 space per 1 member of staff + 1 space per 4 day care attendees	Standard allocation (see table below)	1 space per 4 staff and 1 per 200 sqm for visitors (minimum of 2 spaces)	1 space per 20 staff	Coach parking and drop-off to be negotiated on a case-by-case basis. Drop-off spaces to be determined on a case-by-case basis. Day care centres may require spaces for attendees (1 space per 4 attendees).
21		Schools (primary and secondary)	1 space per classroom	3 spaces per classroom	Standard allocation (see table below)	1 space per 10 staff plus Primary: 1 space per 30 students Secondary: 1 space per 15 students	1 space per 20 staff	1 coach drop-off to be provided. Coach parking to be negotiated on a case-by-case basis (based on demand for school buses). a) Classrooms include any teaching space within a school including such things as gyms, science rooms, drama studios etc. b) These standards are the starting point but account should be taken of variations between primary and secondary schools and those with Sixth Forms. c) Account must be taken of previous provision at any schools that may be replaced by the new facilities. d) Drop-off spaces to be determined on a case-by-case basis. Suitability of proposed drop off provision (on- or off-street) to be demonstrated.

Row ID	Use Class	Specific Land Use	Area A (town centre)	Area B (all other areas)	Disabled parking (minimum standard)	Bicycles (minimum standard)	Motorcycles (minimum standard)	Other considerations
22		Higher and further education	1 space per 2 staff	1 space per 2 staff + 1 space per 15 students	Standard allocation (see table below)	1 space per 10 staff plus 1 space per 15 students	1 space per 20 staff plus 1 space per 30 students	1 coach drop-off to be provided, Coach parking to be negotiated on a case-by-case basis.
23		Art galleries, museums, libraries	1 space per 40 sqm	1 space per 25 sqm	Standard allocation for "shopping, leisure and recreation" (see table below)	1 space per 200 sqm (minimum of 2 spaces)	1 space per 500 sqm (minimum of 2 spaces)	1 coach drop-off to be provided, Coach parking to be negotiated on a case-by-case basis.
24		Halls and places of worship or religious instruction	1 space per 10 sqm	1 space per 6 sqm	Standard allocation for "religious buildings and crematoria" (see table below)	1 space per 50 sqm (minimum of 2 spaces)	1 space per 125 sqm (minimum of 2 spaces)	-
25	D2 Assembly and Leisure	Cinemas, bingo and casinos, conference centres, music and concert halls	1 space per 10 seats (may be reduced in negotiation with Council Officers)	1 space per 6 seats	Standard allocation for "shopping, leisure and recreation" (see table below).	1 space per 20 seats (minimum of 2 spaces)	1 space per 50 seats (minimum of 2 spaces)	1 coach drop-off to be provided, Coach parking to be negotiated on a case-by-case basis, Parking requirements for meeting rooms within conference centres to be determined on a case-by-case basis
26		General leisure/sports centres: dance halls (but not night clubs), swimming baths, skating rinks and gymnasiums	1 space per 25 sqm (may be reduced in negotiation with Council Officers)	1 space per 23 sqm	Standard allocation for "shopping, leisure and recreation" (see table below) and refer to Accessible Sports Facilities published by Sport England where relevant.	1 space per 20 seats (minimum of 2 spaces)	1 space per 50 seats (minimum of 2 spaces)	1 coach drop-off to be provided, Coach parking to be negotiated on a case-by-case basis, Where development is expected to accommodate match days and tournaments additional over-flow parking may be required.
27		Stadia / spectator seating / sports pitches	To be determined through a transport assessment	To be determined through a transport assessment	Standard allocation for "shopping, leisure and recreation" (see table below) and refer to Accessible Sports Facilities published by Sport England where relevant.	To be determined through a transport assessment	To be determined through a transport assessment	Coach parking to be negotiated on a case-by-case basis, Need to demonstrate suitable parking arrangements are provided or can be secured.

Row ID	Use Class	Specific Land Use	Area A (town centre)	Area B (all other areas)	Disabled parking (minimum standard)	Bicycles (minimum standard)	Motorcycles (minimum standard)	Other considerations
28	Miscellaneous/ Sui Generis:-	Theatres	1 space per 10 seats (may be reduced in negotiation with Council Officers)	1 space per 6 seats	Standard allocation for "shopping, leisure and recreation" (see table below)	1 space per 20 seats (minimum of 2 spaces)	1 space per 50 seats (minimum of 2 spaces)	These facilities should only be provided where there is a choice of mode of transport. Adequate turning and loading facilities for a coach/lorry will be required. Coach and taxi drop-off to be negotiated on a case-by-case basis.
29		Motor car showrooms	To be determined case-by-case	To be determined case-by-case	Standard allocation (see table below)	To be determined case-by-case	To be determined case-by-case	Adequate turning and loading facilities will be required for high capacity car transporter vehicles.
30		Petrol filling stations	To be determined case-by-case	To be determined case-by-case	Standard allocation (see table below)	To be determined case-by-case	To be determined case-by-case	Retail units at petrol station should be provided with a separate parking area that accords to A1 standards. Two electric vehicle charging points are required for every new filling station.
31		Garden centres	To be determined case-by-case	Enclosed display and sales area 1 space per 15 sqm + Outdoor display areas 1 space per 50 sqm	Standard allocation for "shopping, leisure and recreation" (see table below)	1 space per 200 sqm	1 space per 500 sqm (minimum of 2 spaces)	
32		Amusement arcades	To be determined case-by-case	1 space per 22 sqm	Standard allocation (see table below)	To be determined case-by-case	To be determined case-by-case	
33		Sunbed centres	To be determined case-by-case	1 space per 2 staff + 1 space per 2 beds	Standard allocation (see table below)	To be determined case-by-case	To be determined case-by-case	
34		Cattery & Kennels	1 space per 4 pens	1 space per 4 pens	Standard allocation (see table below)	To be determined case-by-case	To be determined case-by-case	

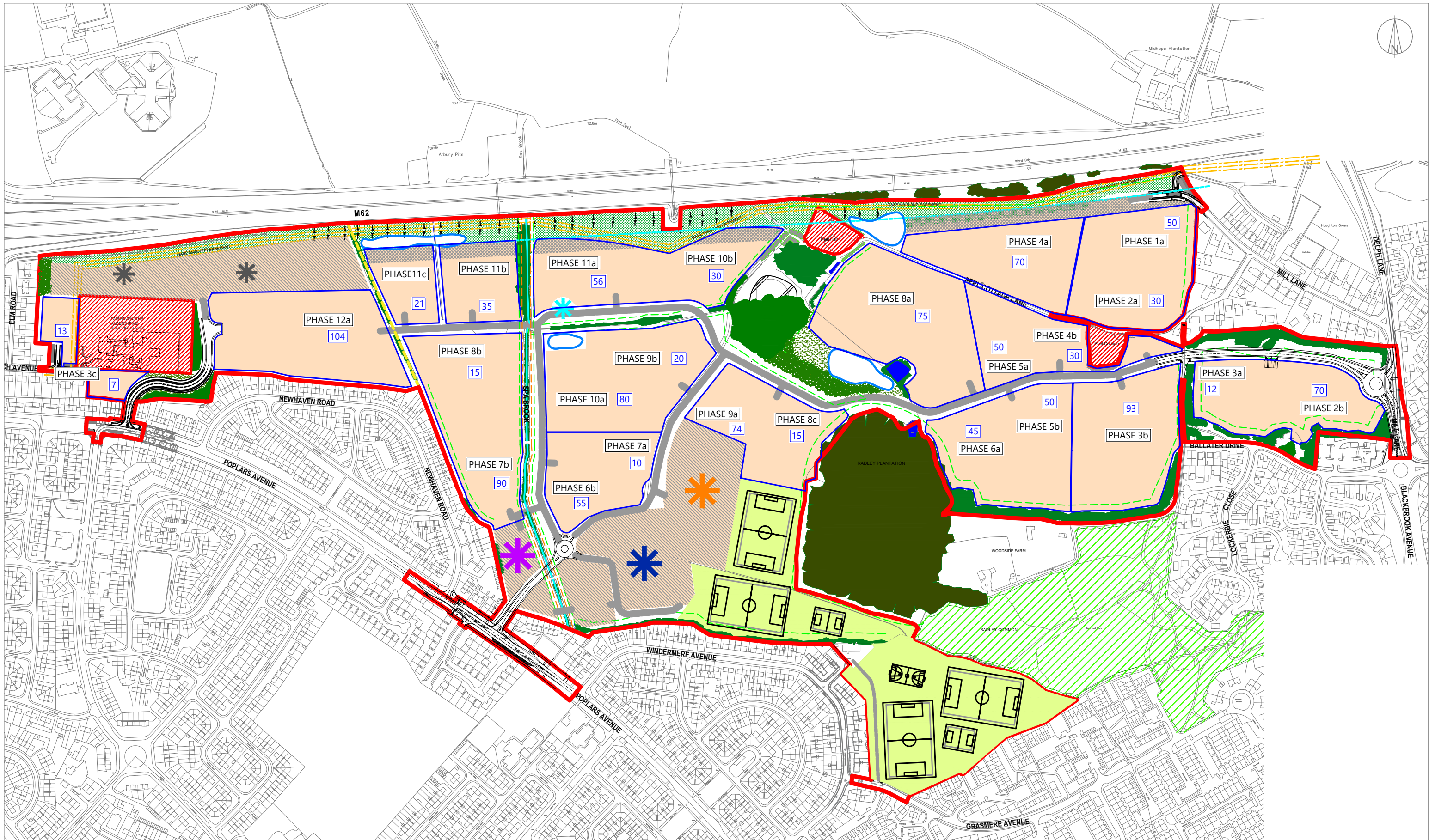
Standards for Parking in New Development

Table 2: Minimum standards for disabled parking

Size of car park	Visitors	Enlarged standard spaces (3.6x6m)
Fewer than 10 bays	By negotiation with council officers – one space minimum	
Standard allocation	5% of total car park capacity	5% of total car park capacity
Shopping, leisure and recreation	6% of total car park capacity	4% of total car park capacity
Religious buildings and crematoria	Minimum 2 spaces or 6 per cent of total car park capacity (whichever is greater)	4% of total car park capacity
Sports facilities	Refer to Accessible Sports Facilities published by Sport England for detailed guidance relating to different types of sports facilities	
All facilities	Where space permits, provide an additional large designated bay (4.8 x 8m) for commercial vehicles with side and rear hoists.	
	Where the function of the building means that a larger number of disabled people are expected, the numbers should be increased in order to meet anticipated need.	
	Where the occupier of the development is known, one additional space should be provided for each employee who is a disabled motorist.	
Residential	<p>For developments of more than 5 dwellings:</p> <p>5% of total unallocated parking provision to be provided as unallocated disabled spaces.</p> <p>4% of total unallocated car park capacity as enlarged standard spaces (3.6x6m).</p>	

Appendix 22

Indicative Phasing Plan



NOTES:
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KEY:
 Indicative Phase Numbering

Indicative Number of units Completed at Year End

PHASE 8b

12

Phasing subject to detailed phasing plan to be submitted at Reserved Matters stage

ISSUE	REASON FOR REVISION	DATE
DATE:	DRAWN BY:	CHECKED:
28/06/16	FB	FB

PROJECT: **PEEL HALL, WARRINGTON**

CLIENT: **SATNAM MILLENNIUM LTD**

TITLE: **INDICATIVE PHASING PLAN**

PROJECT REFERENCE:	DRAWING NUMBER:	SCALE:
1107	27/B	NOT TO SCALE

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Appendix 23

Trip Generation, TRICS and Summary Tables

(Provided on Accompanying CD)

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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Appendices

Appendix 1	TN/02/A on Trip Rates, complete with TRICS data
Appendix 2	Residential Trip Rates
Appendix 3	Care Home Trip Rates

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**.

Table 2.1 – Residential (1,200 houses)

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	0.274	437	329
1800-1830*	0.182	0.137	218	164

*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**.

Table 2.2 – Care Home (100-beds)

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

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

Table 2.5 – Local Centre (600sqm)

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 2.6 – 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	10	12
1600-1700	0.116	0.165	49	69
1700-1800	0.045	0.063	19	27
1800-1900	0.040	0.030	17	13
1800-1830*	0.020	0.015	8	6

Table 2.8 – Sports Pitches and Ancillary Facilities

Hour	TRIPS	
	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

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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Appendices

Appendix 1	Extract from AECOM Technical Note on Omega Trip Rates (26/10/15)
Appendix 2	TRICS Data for Employment Trip Rates – Industrial Units
Appendix 3	TRICS Data for Employment Trip Rates – Industrial Estates
Appendix 4	TRICS Data for Neighbourhood Centre Trip Rates – Food Store
Appendix 5	TRICS Data for Neighbourhood Centre Trip Rates – Local Shops
Appendix 6	TRICS Data for Neighbourhood Centre Trip Rates – Pub/Restaurant
Appendix 7	TRICS Data for Primary School Trip Rates

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 Traffic	AM Peak Hour		PM Peak Hour	
	Arrival	Departure	Arrival	Departure
85 th 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 **Table 2.1** 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.

Table 3.1 – Care Home Vehicular Trip Rates and Generation Summary

Development Traffic	AM Peak Hour		PM Peak Hour	
	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

- 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, 85th 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**.

Table 4.1 – Employment Vehicular Trip Rates and Generation Summary

Development Traffic	AM Peak Hour		PM Peak Hour	
	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

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 Traffic	AM Peak Hour		PM Peak Hour	
	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, 85th 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.

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

Development Traffic	AM Peak Hour		PM Peak Hour	
	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

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, 85th percentile data was not reliable and so the average dataset has been used. The TRICS data is also contained in **Appendix 4**.

Table 5.2 – Food Store Vehicular Trip Rate and Generation Summary

Development Traffic	AM Peak Hour		PM Peak Hour	
	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

- 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**.

Table 5.3 – Local Centre Vehicular Trip Rate and Generation Summary

Development Traffic	AM Peak Hour		PM Peak Hour	
	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

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**.

Table 5.4 – Family Pub/Restaurant Vehicular Trip Rate and Generation Summary

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

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**.

Table 6.1 – Primary School Vehicular Trip Rate and Generation Summary

Development Traffic	AM Peak Hour		PM Peak Hour	
	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
<i>External Primary School Trips (60 pupils)</i>	16	11	3	4

- 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 on-site 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.

Table 9.1 – Peel Hall Vehicular Trip Generation Summary

Development Traffic	AM Peak Hour		PM Peak Hour	
	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

Trip Generation and Distribution Extract.

(From note produced on 26th 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**.

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

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

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**.

Table 3: Discount Food Store Trip Rates and Generation, utilised by AECOM in the VISSIM model

Trip Rates	AM Peak		PM Peak	
	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**.

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

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

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

30% of Development Traffic	Attraction %	Zones in VISSIM
Zone 604 in VISSIM (Development Zone)	25%	13
	25%	14
	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	
	Arrivals	Departures	Arrivals	Departures
Mode Vehicles				
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 Peak	
	Arrivals	Departures	Arrivals	Departures
Mode Vehicles				
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 to distribute 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.

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

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

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 27th 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:

$$((57.1\% * \text{Original Traffic O/D Value}) + (42.9\% * \text{Original Traffic O/D Value} * \text{Net Trip Reduction Percentage}))$$

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**.

Table 13: Peak Hour Traffic 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

Calculation Reference: AUDIT-355901-160310-0315

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	SOUTH 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.

Selected survey days:

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 undertaken 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.

Selected Location Sub Categories:

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.

Filtering Stage 3 selection:

Use Class:

B1 2 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 1 mile:

10,001 to 15,000 1 days

25,001 to 50,000 1 days

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

Population within 5 miles:

125,001 to 250,000 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 1 days

1.1 to 1.5 1 days

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

Travel Plan:

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.

LIST OF SITES relevant to selection parameters

- | | | |
|---|---|--|
| 1 | HF-02-C-01 INDUSTRIAL UNIT
BRIDGE ROAD EAST

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

Survey Type: MANUAL |
| 2 | WM-02-C-03 INDUSTRIAL GLASS
DOWNING STREET

SMETHWICK
Edge of Town
Industrial Zone
Total Gross floor area: 5070 sqm
Survey date: TUESDAY 06/11/12 | WEST MIDLANDS

Survey Type: MANUAL |

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

MANUALLY DESELECTED SITES

Site Ref	Reason for Deselection
BR-02-C-01	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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	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.

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:	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

MULTI-MODAL OGVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	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	0.029	2	3435	0.029	2	3435	0.058
08:30 - 09:00	2	3435	0.044	2	3435	0.044	2	3435	0.088
09:00 - 09:30	2	3435	0.000	2	3435	0.000	2	3435	0.000
09:30 - 10:00	2	3435	0.029	2	3435	0.000	2	3435	0.029
10:00 - 10:30	2	3435	0.015	2	3435	0.044	2	3435	0.059
10:30 - 11:00	2	3435	0.015	2	3435	0.015	2	3435	0.030
11:00 - 11:30	2	3435	0.015	2	3435	0.015	2	3435	0.030
11:30 - 12:00	2	3435	0.029	2	3435	0.015	2	3435	0.044
12:00 - 12:30	2	3435	0.000	2	3435	0.029	2	3435	0.029
12:30 - 13:00	2	3435	0.015	2	3435	0.000	2	3435	0.015
13:00 - 13:30	2	3435	0.015	2	3435	0.029	2	3435	0.044
13:30 - 14:00	2	3435	0.000	2	3435	0.015	2	3435	0.015
14:00 - 14:30	2	3435	0.015	2	3435	0.000	2	3435	0.015
14:30 - 15:00	2	3435	0.015	2	3435	0.015	2	3435	0.030
15:00 - 15:30	2	3435	0.000	2	3435	0.015	2	3435	0.015
15:30 - 16:00	2	3435	0.015	2	3435	0.000	2	3435	0.015
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	0.015	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									
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.

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.

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

MULTI-MODAL CYCLISTS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	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	0.029
09:00 - 09:30	2	3435	0.000	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	0.015	2	3435	0.015
13:30 - 14:00	2	3435	0.015	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	0.029	2	3435	0.029
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:			0.044			0.044			0.088

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.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	2	3435	0.102	2	3435	0.000	2	3435	0.102
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	0.262	2	3435	0.102	2	3435	0.364
09:00 - 09:30	2	3435	0.364	2	3435	0.073	2	3435	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.

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.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	2	3435	0.000	2	3435	0.000	2	3435	0.000
07:30 - 08:00	2	3435	0.000	2	3435	0.015	2	3435	0.015
08:00 - 08:30	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	2	3435	0.029	2	3435	0.000	2	3435	0.029
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	0.015	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.

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.

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

MULTI-MODAL TOTAL PEOPLE

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	2	3435	0.102	2	3435	0.000	2	3435	0.102
07:30 - 08:00	2	3435	0.000	2	3435	0.015	2	3435	0.015
08:00 - 08:30	2	3435	0.087	2	3435	0.058	2	3435	0.145
08:30 - 09:00	2	3435	0.320	2	3435	0.102	2	3435	0.422
09:00 - 09:30	2	3435	0.393	2	3435	0.073	2	3435	0.466
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	0.102	2	3435	0.175
12:30 - 13:00	2	3435	0.058	2	3435	0.058	2	3435	0.116
13:00 - 13:30	2	3435	0.087	2	3435	0.160	2	3435	0.247
13:30 - 14:00	2	3435	0.116	2	3435	0.058	2	3435	0.174
14:00 - 14:30	2	3435	0.087	2	3435	0.087	2	3435	0.174
14:30 - 15:00	2	3435	0.015	2	3435	0.058	2	3435	0.073
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	0.116	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
18:30 - 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:			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.

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.

Appendix 3

TRICS Data for Employment Trip Rates – Industrial Estates

Calculation Reference: AUDIT-355901-160310-0318

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	SOUTH EAST	
	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 undertaken using machines.

Selected Locations:

Suburban Area (PPS6 Out of Centre)	4
------------------------------------	---

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	2
No Sub Category	2

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

Filtering Stage 3 selection:

Use Class:

B1 3 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:

20,001 to 25,000 1 days
25,001 to 50,000 2 days
50,001 to 100,000 1 days

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

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.

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

MULTI-MODAL VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	4	4871	0.175	4	4871	0.041	4	4871	0.216
07:30 - 08:00	4	4871	0.513	4	4871	0.123	4	4871	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									
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:			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.

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:	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

MULTI-MODAL TAXIS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	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									
Total Rates:			0.121			0.120			0.241

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.

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

MULTI-MODAL OGVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	4	4871	0.005	4	4871	0.005	4	4871	0.010
07:30 - 08:00	4	4871	0.021	4	4871	0.005	4	4871	0.026
08:00 - 08:30	4	4871	0.031	4	4871	0.026	4	4871	0.057
08:30 - 09:00	4	4871	0.036	4	4871	0.031	4	4871	0.067
09:00 - 09:30	4	4871	0.036	4	4871	0.041	4	4871	0.077
09:30 - 10:00	4	4871	0.046	4	4871	0.036	4	4871	0.082
10:00 - 10:30	4	4871	0.046	4	4871	0.031	4	4871	0.077
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.

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.

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

MULTI-MODAL PSVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	0.000	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.

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.

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

MULTI-MODAL CYCLISTS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	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	0.010	4	4871	0.010
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	0.010	4	4871	0.010	4	4871	0.020
15:30 - 16:00	4	4871	0.000	4	4871	0.010	4	4871	0.010
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	4	4871	0.010	4	4871	0.015	4	4871	0.025
17:30 - 18:00	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
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:			0.050			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.

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.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	4	4871	0.205	4	4871	0.051	4	4871	0.256
07:30 - 08:00	4	4871	0.606	4	4871	0.159	4	4871	0.765
08:00 - 08:30	4	4871	0.595	4	4871	0.293	4	4871	0.888
08:30 - 09:00	4	4871	0.503	4	4871	0.328	4	4871	0.831
09:00 - 09:30	4	4871	0.416	4	4871	0.359	4	4871	0.775
09:30 - 10:00	4	4871	0.482	4	4871	0.334	4	4871	0.816
10:00 - 10:30	4	4871	0.411	4	4871	0.411	4	4871	0.822
10:30 - 11:00	4	4871	0.400	4	4871	0.436	4	4871	0.836
11:00 - 11:30	4	4871	0.452	4	4871	0.441	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	0.416	4	4871	0.775
12:30 - 13:00	4	4871	0.462	4	4871	0.359	4	4871	0.821
13:00 - 13:30	4	4871	0.375	4	4871	0.380	4	4871	0.755
13:30 - 14:00	4	4871	0.303	4	4871	0.272	4	4871	0.575
14:00 - 14:30	4	4871	0.313	4	4871	0.252	4	4871	0.565
14:30 - 15:00	4	4871	0.334	4	4871	0.385	4	4871	0.719
15:00 - 15:30	4	4871	0.318	4	4871	0.616	4	4871	0.934
15:30 - 16:00	4	4871	0.328	4	4871	0.390	4	4871	0.718
16:00 - 16:30	4	4871	0.277	4	4871	0.359	4	4871	0.636
16:30 - 17:00	4	4871	0.293	4	4871	0.441	4	4871	0.734
17:00 - 17:30	4	4871	0.282	4	4871	0.488	4	4871	0.770
17:30 - 18:00	4	4871	0.139	4	4871	0.334	4	4871	0.473
18:00 - 18:30	4	4871	0.092	4	4871	0.257	4	4871	0.349
18:30 - 19:00	4	4871	0.031	4	4871	0.062	4	4871	0.093
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:			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.

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.

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

MULTI-MODAL PEDESTRIANS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	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									
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

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.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	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	0.015
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	0.010	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	0.010
15:30 - 16:00	4	4871	0.000	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

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.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
07:30 - 08:00	4	4871	0.005	4	4871	0.000	4	4871	0.005
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	0.015	4	4871	0.000	4	4871	0.015
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									
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

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.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	4	4871	0.015	4	4871	0.000	4	4871	0.015
07:30 - 08:00	4	4871	0.026	4	4871	0.000	4	4871	0.026
08:00 - 08:30	4	4871	0.041	4	4871	0.000	4	4871	0.041
08:30 - 09:00	4	4871	0.026	4	4871	0.000	4	4871	0.026
09:00 - 09:30	4	4871	0.015	4	4871	0.000	4	4871	0.015
09:30 - 10:00	4	4871	0.031	4	4871	0.000	4	4871	0.031
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	0.010
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	0.015
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	0.010	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	0.010
15:30 - 16:00	4	4871	0.000	4	4871	0.015	4	4871	0.015
16:00 - 16:30	4	4871	0.000	4	4871	0.026	4	4871	0.026
16:30 - 17:00	4	4871	0.000	4	4871	0.021	4	4871	0.021
17:00 - 17:30	4	4871	0.000	4	4871	0.051	4	4871	0.051
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	0.015	4	4871	0.015
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:			0.194			0.199			0.393

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.

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

MULTI-MODAL TOTAL PEOPLE

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	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	0.405	4	4871	0.416	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	0.267	4	4871	0.590
14:30 - 15:00	4	4871	0.339	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	0.313	4	4871	0.482	4	4871	0.795
17:00 - 17:30	4	4871	0.298	4	4871	0.631	4	4871	0.929
17:30 - 18:00	4	4871	0.139	4	4871	0.370	4	4871	0.509
18:00 - 18:30	4	4871	0.098	4	4871	0.272	4	4871	0.370
18:30 - 19:00	4	4871	0.036	4	4871	0.067	4	4871	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									
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.

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.

Appendix 4

TRICS Data for Neighbourhood Centre Trip Rates – Food Store

Calculation Reference: AUDIT-355901-160311-0301

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected 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 undertaken 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.

Filtering Stage 3 selection:

Use Class:

A1 4 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

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 stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

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

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	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 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

Calculation Reference: AUDIT-355901-160311-0313

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

03	SOUTH WEST	
	DV DEVON	1 days
05	EAST MIDLANDS	
	LE LEICESTERSHIRE	1 days
09	NORTH	
	CB 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.

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: Include all surveys

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.

Selected survey days:

Friday 3 days

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

Selected survey types:

Manual count 3 days
Directional ATC Count 0 days

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

Selected Locations:

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.

Filtering Stage 3 selection:

Use Class:

A1 3 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:

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 selected surveys within stated 1-mile radii of population.

Population within 5 miles:

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 1 days

1.1 to 1.5 2 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.

Petrol filling station:

PFS is present at the site and is included in the count 1 days

PFS is present at the site but is excluded from the count 0 days

There is no PFS at the site 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.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE
 MULTI-MODAL PUBLIC TRANSPORT USERS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

Appendix 5

TRICS Data for Neighbourhood Centre Trip Rates – Local Shops

Calculation Reference: AUDIT-355901-160311-0339

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 01 - RETAIL
 Category : 1 - SHOPPING CENTRE - LOCAL SHOPS
 MULTI-MODAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	EX ESSEX	1 days
	HC HAMPSHIRE	1 days
03	SOUTH WEST	
	GS GLOUCESTERSHIRE	1 days
05	EAST MIDLANDS	
	LE LEICESTERSHIRE	1 days
	NR NORTHAMPTONSHIRE	1 days
06	WEST MIDLANDS	
	SH SHROPSHIRE	1 days
	WM WEST MIDLANDS	2 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	1 days
08	NORTH WEST	
	CH CHESHIRE	2 days
09	NORTH	
	TV TEES VALLEY	2 days
	TW 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 undertaken 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 Not Known

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®.

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.

Population within 5 miles:

25,001 to 50,000 2 days
75,001 to 100,000 1 days
100,001 to 125,000 3 days
125,001 to 250,000 3 days
250,001 to 500,000 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 5 days
1.1 to 1.5 9 days

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

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.

Travel Plan:

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

1	CH-01-I-02 LOCAL SHOPS CHRISTLETON ROAD BOUGHTON HEATH CHESTER Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Gross floor area: 260 sqm Survey date: TUESDAY 15/05/12	CESHIRE	Survey Type: MANUAL
2	CH-01-I-03 LOCAL SHOPS MILL LANE BACHE CHESTER Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Gross floor area: 365 sqm Survey date: THURSDAY 17/05/12	CESHIRE	Survey Type: MANUAL
3	EX-01-I-01 LOCAL SHOPS PYRLES LANE LOUGHTON Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Gross floor area: 650 sqm Survey date: THURSDAY 22/11/07	ESSEX	Survey Type: MANUAL
4	GS-01-I-01 LOCAL SHOPS 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	GLOUCESTERSHIRE	Survey Type: MANUAL
5	HC-01-I-02 LOCAL SHOPS OLIVER'S BATTERY ROAD S. OLIVERS BATTERY WINCHESTER Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Gross floor area: 1605 sqm Survey date: TUESDAY 20/11/07	HAMPSHIRE	Survey Type: MANUAL
6	LE-01-I-02 LOCAL SHOPS RYDER ROAD LEICESTER Edge of Town Residential Zone Total Gross floor area: 550 sqm Survey date: TUESDAY 28/10/14	LEICESTERSHIRE	Survey Type: MANUAL
7	NR-01-I-01 LOCAL SHOPS OCCUPATION ROAD CORBY Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Gross floor area: 755 sqm Survey date: WEDNESDAY 19/11/08	NORTHAMPTONSHIRE	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

8	NY-01-I-01 LOCAL SHOPS NEWLANDS PARK DRIVE SCARBOROUGH Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Gross floor area: 1200 sqm Survey date: FRIDAY 28/09/07	NORTH YORKSHIRE Survey Type: MANUAL
9	SH-01-I-02 LOCAL SHOPS WREKIN DRIVE DONNINGTON TELFORD Edge of Town Residential Zone Total Gross floor area: 900 sqm Survey date: THURSDAY 24/10/13	SHROPSHIRE Survey Type: MANUAL
10	TV-01-I-03 LOCAL SHOPS ACKLAM ROAD ACKLAM MIDDLESBROUGH Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Gross floor area: 1840 sqm Survey date: FRIDAY 04/10/13	TEES VALLEY Survey Type: MANUAL
11	TV-01-I-04 LOCAL SHOPS CARGO FLEET LANE ORMESBY MIDDLESBROUGH Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Gross floor area: 585 sqm Survey date: MONDAY 07/10/13	TEES VALLEY Survey Type: MANUAL
12	TW-01-I-02 LOCAL SHOPS DURHAM ROAD BARNES PARK SUNDERLAND Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Gross floor area: 540 sqm Survey date: WEDNESDAY 21/11/12	TYNE & WEAR Survey Type: MANUAL
13	WM-01-I-01 LOCAL SHOPS HOLYHEAD ROAD COVENTRY Suburban Area (PPS6 Out of Centre) Residential Zone Total Gross floor area: 1550 sqm Survey date: THURSDAY 27/09/07	WEST MIDLANDS Survey Type: MANUAL
14	WM-01-I-02 LOCAL SHOPS MARSHALL LAKE ROAD SHIRLEY SOLIHULL Edge of Town Commercial Zone Total Gross floor area: 515 sqm Survey date: TUESDAY 18/09/07	WEST MIDLANDS 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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	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 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	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 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

Appendix 6

TRICS Data for Neighbourhood Centre Trip Rates – Pub/Restaurant

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	SOUTH EAST	
	EX ESSEX	1 days
	HC HAMPSHIRE	1 days
03	SOUTH WEST	
	CW CORNWALL	1 days
05	EAST MIDLANDS	
	NT NOTTINGHAMSHIRE	1 days
06	WEST MIDLANDS	
	SH SHROPSHIRE	1 days
	ST STAFFORDSHIRE	1 days
09	NORTH	
	TV TEES VALLEY	1 days

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

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 undertaken 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:

Use Class:

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		CORNWALL
	FORE STREET			
	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		ESSEX
	LONDON ROAD			
	STANWAY			
	COLCHESTER			
	Edge of Town			
	No Sub Category			
	Total Gross floor area:		450 sqm	
	Survey date: FRIDAY		08/11/13	Survey Type: MANUAL
3	HC-06-C-02	BEEFEATER		HAMPSHIRE
	BOURNEMOUTH ROAD			
	AMPFIELD			
	EASTLEIGH			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Gross floor area:		450 sqm	
	Survey date: FRIDAY		16/11/07	Survey Type: MANUAL
4	NT-06-C-02	PUB/RESTAURANT		NOTTINGHAMSHIRE
	MANSFIELD ROAD			
	DAYBROOK			
	NOTTINGHAM			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Gross floor area:		1185 sqm	
	Survey date: FRIDAY		18/05/07	Survey Type: MANUAL
5	SH-06-C-02	HUNGRY HORSE		SHROPSHIRE
	WELSHPOOL ROAD			
	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		STAFFORDSHIRE
	STONE ROAD			
	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.		TEES VALLEY
	MARTON ROAD			
	MIDDLESBROUGH			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Gross floor area:		1200 sqm	
	Survey date: FRIDAY		21/09/07	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 06 - HOTEL, FOOD & DRINK/C - PUB/RESTAURANT
 MULTI-MODAL VEHICLES
 Calculation factor: 100 sqm
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00									
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 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00									
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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00									
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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00									
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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00									
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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00									
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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00									
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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00									
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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00									
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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

Appendix 7

TRICS Data for Primary School Trip Rates

Calculation Reference: AUDIT-355901-160303-0325

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	SOUTH EAST SC SURREY	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE NE NORTH EAST LINCOLNSHIRE	1 days
08	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.

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

Public Transport Provision:

Selection by: Include all surveys

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 undertaken 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.

Selected Location Sub Categories:

Residential Zone	2
Village	1

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

Filtering Stage 3 selection:

Use Class:

D1 3 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 1 mile:

1,001 to 5,000 1 days
5,001 to 10,000 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 1 days
75,001 to 100,000 1 days
250,001 to 500,000 1 days

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

Car ownership within 5 miles:

0.6 to 1.0 1 days
1.1 to 1.5 2 days

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

Travel Plan:

Yes 1 days
No 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.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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									
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 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 04 - EDUCATION/A - PRIMARY
 MULTI-MODAL BUS/TRAM PASSENGERS

Calculation factor: 1 PUPILS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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
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	0.013	3	275	0.013
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:			0.018			0.015			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.

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 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 04 - EDUCATION/A - PRIMARY
 MULTI-MODAL TOTAL RAIL PASSENGERS

Calculation factor: 1 PUPILS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 04 - EDUCATION/A - PRIMARY
 MULTI-MODAL PUBLIC TRANSPORT USERS

Calculation factor: 1 PUPILS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

Appendix 2

Residential Trip Rates

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

VEHICLESSelected regions and areas:

02	SOUTH EAST	
	ES EAST SUSSEX	1 days
	EX ESSEX	1 days
	SC SURREY	1 days
03	SOUTH WEST	
	CW CORNWALL	1 days
	DC DORSET	1 days
	WL WILTSHIRE	1 days
04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	1 days
	NF NORFOLK	2 days
	SF SUFFOLK	4 days
05	EAST MIDLANDS	
	LN LINCOLNSHIRE	3 days
	NT NOTTINGHAMSHIRE	1 days
06	WEST MIDLANDS	
	SH SHROPSHIRE	3 days
	ST STAFFORDSHIRE	1 days
	WK WARWICKSHIRE	2 days
	WM WEST MIDLANDS	3 days
	WO WORCESTERSHIRE	2 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	7 days
	SY SOUTH YORKSHIRE	1 days
08	NORTH WEST	
	CH CHESHIRE	4 days
	GM GREATER MANCHESTER	1 days
	LC LANCASHIRE	1 days
	MS MERSEYSIDE	1 days
09	NORTH	
	CB CUMBRIA	2 days
	TW 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: 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.

Selected survey days:

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 undertaken 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.

Travel Plan:

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.

LIST OF SITES relevant to selection parameters (Cont.)

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

LIST OF SITES relevant to selection parameters (Cont.)

15	LN-03-A-02 HYKEHAM ROAD	MIXED HOUSES	LINCOLNSHIRE
	LINCOLN		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	186	
	Survey date: MONDAY	14/05/07	Survey Type: MANUAL
16	LN-03-A-03 ROOKERY LANE BOULTHAM	SEMI DETACHED	LINCOLNSHIRE
	LINCOLN		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	22	
	Survey date: TUESDAY	18/09/12	Survey Type: MANUAL
17	MS-03-A-03 BEMPTON ROAD OTTERSPOOL	DETACHED	MERSEYSIDE
	LIVERPOOL		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	15	
	Survey date: FRIDAY	21/06/13	Survey Type: MANUAL
18	NF-03-A-01 YARMOUTH ROAD	SEMI DET. & BUNGALOWS	NORFOLK
	CAISTER-ON-SEA		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	27	
	Survey date: TUESDAY	16/10/12	Survey Type: MANUAL
19	NF-03-A-02 DEREHAM ROAD	HOUSES & FLATS	NORFOLK
	NORWICH		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	98	
	Survey date: MONDAY	22/10/12	Survey Type: MANUAL
20	NT-03-A-03 B6018 SUTTON ROAD	SEMI DETACHED	NOTTINGHAMSHIRE
	KIRKBY-IN-ASHFIELD		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	166	
	Survey date: WEDNESDAY	28/06/06	Survey Type: MANUAL
21	NY-03-A-03 NEW ROW	PRIVATE HOUSING	NORTH YORKSHIRE
	BOROUGHBRIDGE		
	Edge of Town Centre		
	Residential Zone		
	Total Number of dwellings:	14	
	Survey date: MONDAY	15/09/08	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

22	NY-03-A-06	BUNGALOWS & SEMI DET.	NORTH YORKSHIRE
	HORSEFAIR		
	BOROUGHBRIDGE		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	115	
	Survey date: FRIDAY	14/10/11	Survey Type: MANUAL
23	NY-03-A-07	DETACHED & SEMI DET.	NORTH YORKSHIRE
	CRAVEN WAY		
	BOROUGHBRIDGE		
	Edge of Town		
	No Sub Category		
	Total Number of dwellings:	23	
	Survey date: TUESDAY	18/10/11	Survey Type: MANUAL
24	NY-03-A-08	TERRACED HOUSES	NORTH YORKSHIRE
	NICHOLAS STREET		
	YORK		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	21	
	Survey date: MONDAY	16/09/13	Survey Type: MANUAL
25	NY-03-A-09	MIXED HOUSING	NORTH YORKSHIRE
	GRAMMAR SCHOOL LANE		
	NORTHALLERTON		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	52	
	Survey date: MONDAY	16/09/13	Survey Type: MANUAL
26	NY-03-A-10	HOUSES AND FLATS	NORTH YORKSHIRE
	BOROUGHBRIDGE ROAD		
	RIPON		
	Edge of Town		
	No Sub Category		
	Total Number of dwellings:	71	
	Survey date: TUESDAY	17/09/13	Survey Type: MANUAL
27	NY-03-A-11	PRIVATE HOUSING	NORTH YORKSHIRE
	HORSEFAIR		
	BOROUGHBRIDGE		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	23	
	Survey date: WEDNESDAY	18/09/13	Survey Type: MANUAL
28	SC-03-A-04	DETACHED & TERRACED	SURREY
	HIGH ROAD		
	BYFLEET		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	71	
	Survey date: THURSDAY	23/01/14	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

29	SF-03-A-01	SEMI DETACHED		SUFFOLK
	A1156 FELIXSTOWE ROAD			
	RACECOURSE			
	IPSWICH			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	77		
	Survey date: WEDNESDAY	23/05/07		Survey Type: MANUAL
30	SF-03-A-02	SEMI DET./TERRACED		SUFFOLK
	STOKE PARK DRIVE			
	MAIDENHALL			
	IPSWICH			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:	230		
	Survey date: THURSDAY	24/05/07		Survey Type: MANUAL
31	SF-03-A-03	MIXED HOUSES		SUFFOLK
	BARTON HILL			
	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: MANUAL
32	SF-03-A-04	DETACHED & BUNGALOWS		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
33	SH-03-A-03	DETACHED		SHROPSHIRE
	SOMERBY DRIVE			
	BICTON HEATH			
	SHREWSBURY			
	Edge of Town			
	No Sub Category			
	Total Number of dwellings:	10		
	Survey date: FRIDAY	26/06/09		Survey Type: MANUAL
34	SH-03-A-04	TERRACED		SHROPSHIRE
	ST MICHAEL'S STREET			
	SHREWSBURY			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Number of dwellings:	108		
	Survey date: THURSDAY	11/06/09		Survey Type: MANUAL
35	SH-03-A-05	SEMI-DETACHED/TERRACED		SHROPSHIRE
	SANDCROFT			
	SUTTON HILL			
	TELFORD			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:	54		
	Survey date: THURSDAY	24/10/13		Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

36	ST-03-A-05	TERRACED & DETACHED	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 HOUSES	SOUTH YORKSHIRE
		A19 BENTLEY ROAD	
		BENTLEY RISE	
		DONCASTER	
		Suburban Area (PPS6 Out of Centre)	
		Residential Zone	
		Total Number of dwellings:	54
		Survey date: WEDNESDAY	18/09/13
			Survey Type: MANUAL
38	TW-03-A-02	SEMI-DETACHED	TYNE & WEAR
		WEST PARK ROAD	
		GATESHEAD	
		Suburban Area (PPS6 Out of Centre)	
		Residential Zone	
		Total Number of dwellings:	16
		Survey date: MONDAY	07/10/13
			Survey Type: MANUAL
39	WK-03-A-01	TERRACED/SEMI/DET.	WARWICKSHIRE
		ARLINGTON AVENUE	
		LEAMINGTON SPA	
		Suburban Area (PPS6 Out of Centre)	
		Residential Zone	
		Total Number of dwellings:	6
		Survey date: FRIDAY	21/10/11
			Survey Type: MANUAL
40	WK-03-A-02	BUNGALOWS	WARWICKSHIRE
		NARBERTH WAY	
		POTTERS GREEN	
		COVENTRY	
		Edge of Town	
		Residential Zone	
		Total Number of dwellings:	17
		Survey date: THURSDAY	17/10/13
			Survey Type: MANUAL
41	WL-03-A-01	SEMI D./TERRACED W. BASSETT	WILTSHIRE
		MAPLE DRIVE	
		WOOTTON BASSETT	
		Edge of Town	
		Residential Zone	
		Total Number of dwellings:	99
		Survey date: MONDAY	02/10/06
			Survey Type: MANUAL
42	WM-03-A-01	TERRACED	WEST MIDLANDS
		FOLESHILL ROAD	
		FOLESHILL	
		COVENTRY	
		Suburban Area (PPS6 Out of Centre)	
		Residential Zone	
		Total Number of dwellings:	79
		Survey date: FRIDAY	03/02/06
			Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

43	WM-03-A-02	DETACHED & SEMI DET.	WEST MIDLANDS
	HEATH STREET		
	STOURBRIDGE		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	12	
	Survey date: WEDNESDAY	26/04/06	Survey Type: MANUAL
44	WM-03-A-03	MIXED HOUSING	WEST MIDLANDS
	BASELEY WAY		
	ROWLEYS GREEN		
	COVENTRY		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	84	
	Survey date: MONDAY	24/09/07	Survey Type: MANUAL
45	WO-03-A-02	SEMI DETACHED	WORCESTERSHIRE
	MEADOWHILL ROAD		
	REDDITCH		
	Edge of Town		
	No Sub Category		
	Total Number of dwellings:	48	
	Survey date: TUESDAY	02/05/06	Survey Type: MANUAL
46	WO-03-A-03	DETACHED	WORCESTERSHIRE
	BLAKEBROOK		
	BLAKEBROOK		
	KIDDERMINSTER		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	138	
	Survey date: FRIDAY	05/05/06	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.

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

VEHICLES

Ranking Type: **ARRIVALS** Time Range: 07:00-08:00

15th Percentile = No. **39** SF-03-A-04 Arr: 0.000

85th Percentile = No. **8** EX-03-A-01 Arr: 0.127

Median Values

Arrivals: 0.060

Departures: 0.300

Totals: 0.360

Mean Values

Arrivals: 0.076

Departures: 0.297

Totals: 0.374

Rank	Site-Ref	Description	Town/City	Area	DWELLS	Day	Date	Trip Rate (Sorted by Arrivals)			Park Spaces Per Dwelling
								Arrivals	Departures	Totals	
1	SH-03-A-03	DETACHED	SHREWSBURY	SHROPSHIRE	10	Fri	26/06/09	0.500	0.200	0.700	3.00
2	SH-03-A-05	SEMI-DETACHED/	TELFORD	SHROPSHIRE	54	Thu	24/10/13	0.204	0.241	0.445	1.17
3	NY-03-A-11	PRIVATE HOUSIN	BOROUGHBRIDGE	NORTH YORKSHIRE	23	Wed	18/09/13	0.174	0.391	0.565	6.26
4	WM-03-A-02	DETACHED & SEM	STOURBRIDGE	WEST MIDLANDS	12	Wed	26/04/06	0.167	0.333	0.500	2.67
5	LN-03-A-02	MIXED HOUSES	LINCOLN	LINCOLNSHIRE	186	Mon	14/05/07	0.151	0.237	0.388	4.13
6	ST-03-A-05	TERRACED & DET	STOKE-ON-TRENT	STAFFORDSHIRE	14	Wed	26/11/08	0.143	0.143	0.286	2.86
7	SF-03-A-02	SEMI DET./TERR	IPSWICH	SUFFOLK	230	Thu	24/05/07	0.130	0.304	0.434	2.48
8	EX-03-A-01	SEMI-DET.	STANFORD-LE-HOPE	ESSEX	237	Tue	13/05/08	0.127	0.333	0.460	2.53
9	TW-03-A-02	SEMI-DETACHED	GATESHEAD	TYNE & WEAR	16	Mon	07/10/13	0.125	0.500	0.625	2.38
10	LC-03-A-30	SEMI-DETACHED	BLACKPOOL	LANCASHIRE	24	Fri	14/06/13	0.125	0.375	0.500	1.67
11	CB-03-A-03	SEMI DETACHED	WORKINGTON	CUMBRIA	40	Thu	20/11/08	0.125	0.375	0.500	3.10
12	WM-03-A-01	TERRACED	COVENTRY	WEST MIDLANDS	79	Fri	03/02/06	0.101	0.418	0.519	0.96
13	DC-03-A-01	DETACHED	POOLE	DORSET	51	Wed	16/07/08	0.098	0.451	0.549	3.00
14	NY-03-A-09	MIXED HOUSING	NORTHALLERTON	NORTH YORKSHIRE	52	Mon	16/09/13	0.096	0.173	0.269	2.60
15	LN-03-A-01	MIXED HOUSES	LINCOLN	LINCOLNSHIRE	150	Tue	15/05/07	0.087	0.353	0.440	4.91
16	CB-03-A-04	SEMI DETACHED	WORKINGTON	CUMBRIA	82	Fri	24/04/09	0.085	0.268	0.353	1.74
17	NT-03-A-03	SEMI DETACHED	KIRKBY-IN-ASHFIELD	NOTTINGHAMSHIRE	166	Wed	28/06/06	0.084	0.325	0.409	1.61
18	WL-03-A-01	SEMI D./TERRAC	WOOTTON BASSETT	WILTSHIRE	99	Mon	02/10/06	0.081	0.283	0.364	2.12
19	SC-03-A-04	DETACHED & TER	BYFLEET	SURREY	71	Thu	23/01/14	0.070	0.352	0.422	2.49
20	CH-03-A-06	SEMI-DET./BUNG	CREWE	CHESHIRE	129	Tue	14/10/08	0.070	0.178	0.248	2.59
21	GM-03-A-10	DETACHED/SEMI	MANCHESTER	GREATER MANCHESTER	29	Wed	12/10/11	0.069	0.138	0.207	2.79
22	MS-03-A-03	DETACHED	LIVERPOOL	MERSEYSIDE	15	Fri	21/06/13	0.067	0.133	0.200	3.00
23	NF-03-A-02	HOUSES & FLATS	NORWICH	NORFOLK	98	Mon	22/10/12	0.061	0.245	0.306	2.24
24	SF-03-A-03	MIXED HOUSES	BURY ST EDMUNDS	SUFFOLK	101	Mon	15/05/06	0.059	0.356	0.415	4.34
25	CH-03-A-05	DETACHED	CREWE	CHESHIRE	17	Tue	14/10/08	0.059	0.294	0.353	3.71
26	WO-03-A-03	DETACHED	KIDDERMINSTER	WORCESTERSHIRE	138	Fri	05/05/06	0.058	0.355	0.413	3.14
27	CH-03-A-02	HOUSES/FLATS	CREWE	CHESHIRE	174	Tue	14/10/08	0.057	0.287	0.344	2.81
28	NY-03-A-10	HOUSES AND FLA	RIPON	NORTH YORKSHIRE	71	Tue	17/09/13	0.056	0.296	0.352	0.83
29	SH-03-A-04	TERRACED	SHREWSBURY	SHROPSHIRE	108	Thu	11/06/09	0.056	0.380	0.436	1.86
30	SF-03-A-01	SEMI DETACHED	IPSWICH	SUFFOLK	77	Wed	23/05/07	0.052	0.351	0.403	2.22
31	NY-03-A-06	BUNGALOWS & SE	BOROUGHBRIDGE	NORTH YORKSHIRE	115	Fri	14/10/11	0.043	0.157	0.200	3.50
32	NF-03-A-01	SEMI DET. & BU	CAISTER-ON-SEA	NORFOLK	27	Tue	16/10/12	0.037	0.259	0.296	2.37

Rank	Site-Ref	Description	Town/City	Area	DWELLS	Day	Date	Trip Rate (Sorted by Arrivals)			Park Spaces Per Dwelling
								Arrivals	Departures	Totals	
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	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	Fri	18/11/11	0.027	0.595	0.622	1.59
36	CH-03-A-08	DETACHED	CHESTER	CHESHIRE	11	Tue	22/05/12	0.000	0.727	0.727	4.73
37	WK-03-A-01	TERRACED/SEMI/	LEAMINGTON SPA	WARWICKSHIRE	6	Fri	21/10/11	0.000	0.500	0.500	2.00
38	LN-03-A-03	SEMI DETACHED	LINCOLN	LINCOLNSHIRE	22	Tue	18/09/12	0.000	0.364	0.364	1.09
39	SF-03-A-04	DETACHED & BUN	LOWESTOFT	SUFFOLK	7	Tue	23/10/12	0.000	0.286	0.286	4.43
40	NY-03-A-03	PRIVATE HOUSIN	BOROUGHBRIDGE	NORTH YORKSHIRE	14	Mon	15/09/08	0.000	0.286	0.286	3.14
41	SY-03-A-01	SEMI DETACHED	DONCASTER	SOUTH YORKSHIRE	54	Wed	18/09/13	0.000	0.241	0.241	1.13
42	CA-03-A-04	DETACHED	PETERBOROUGH	CAMBRIDGESHIRE	9	Tue	18/10/11	0.000	0.222	0.222	2.44
43	NY-03-A-08	TERRACED HOUSE	YORK	NORTH YORKSHIRE	21	Mon	16/09/13	0.000	0.143	0.143	1.14
44	WK-03-A-02	BUNGALOWS	COVENTRY	WARWICKSHIRE	17	Thu	17/10/13	0.000	0.118	0.118	2.06
45	NY-03-A-07	DETACHED & SEM	BOROUGHBRIDGE	NORTH YORKSHIRE	23	Tue	18/10/11	0.000	0.087	0.087	1.96
46	WO-03-A-02	SEMI DETACHED	REDDITCH	WORCESTERSHIRE	48	Tue	02/05/06	0.000	0.042	0.042	3.35

This section displays actual (not average) trip rates for each of the survey days in the selected set, and ranks them in 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).

The table itself displays details of each individual survey, alongside arrivals, departures and totals trip rates, sorted by whichever of the three directional options has been chosen by the user. As with the preceding 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 individual survey day in the table is also displayed.

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 Values

Arrivals: 0.058

Departures: 0.290

Totals: 0.348

Mean Values

Arrivals: 0.076

Departures: 0.297

Totals: 0.374

Rank	Site-Ref	Description	Town/City	Area	DWELLS	Day	Date	Trip Rate (Sorted by Departures)			Park Spaces Per Dwelling
								Arrivals	Departures	Totals	
1	CH-03-A-08	DETACHED	CHESTER	CHESHIRE	11	Tue	22/05/12	0.000	0.727	0.727	4.73
2	ES-03-A-02	PRIVATE HOUSIN	PEACEHAVEN	EAST SUSSEX	37	Fri	18/11/11	0.027	0.595	0.622	1.59
3	TW-03-A-02	SEMI-DETACHED	GATESHEAD	TYNE & WEAR	16	Mon	07/10/13	0.125	0.500	0.625	2.38
4	WK-03-A-01	TERRACED/SEMI/	LEAMINGTON SPA	WARWICKSHIRE	6	Fri	21/10/11	0.000	0.500	0.500	2.00
5	DC-03-A-01	DETACHED	POOLE	DORSET	51	Wed	16/07/08	0.098	0.451	0.549	3.00
6	WM-03-A-01	TERRACED	COVENTRY	WEST MIDLANDS	79	Fri	03/02/06	0.101	0.418	0.519	0.96
7	NY-03-A-11	PRIVATE HOUSIN	BOROUGHBRIDGE	NORTH YORKSHIRE	23	Wed	18/09/13	0.174	0.391	0.565	6.26
8	SH-03-A-04	TERRACED	SHREWSBURY	SHROPSHIRE	108	Thu	11/06/09	0.056	0.380	0.436	1.86
9	LC-03-A-30	SEMI-DETACHED	BLACKPOOL	LANCASHIRE	24	Fri	14/06/13	0.125	0.375	0.500	1.67
10	CB-03-A-03	SEMI DETACHED	WORKINGTON	CUMBRIA	40	Thu	20/11/08	0.125	0.375	0.500	3.10
11	LN-03-A-03	SEMI DETACHED	LINCOLN	LINCOLNSHIRE	22	Tue	18/09/12	0.000	0.364	0.364	1.09
12	SF-03-A-03	MIXED HOUSES	BURY ST EDMUNDS	SUFFOLK	101	Mon	15/05/06	0.059	0.356	0.415	4.34
13	WO-03-A-03	DETACHED	KIDDERMINSTER	WORCESTERSHIRE	138	Fri	05/05/06	0.058	0.355	0.413	3.14
14	LN-03-A-01	MIXED HOUSES	LINCOLN	LINCOLNSHIRE	150	Tue	15/05/07	0.087	0.353	0.440	4.91
15	SC-03-A-04	DETACHED & TER	BYFLEET	SURREY	71	Thu	23/01/14	0.070	0.352	0.422	2.49
16	SF-03-A-01	SEMI DETACHED	IPSWICH	SUFFOLK	77	Wed	23/05/07	0.052	0.351	0.403	2.22
17	WM-03-A-02	DETACHED & SEM	STOURBRIDGE	WEST MIDLANDS	12	Wed	26/04/06	0.167	0.333	0.500	2.67
18	EX-03-A-01	SEMI-DET.	STANFORD-LE-HOPE	ESSEX	237	Tue	13/05/08	0.127	0.333	0.460	2.53
19	NT-03-A-03	SEMI DETACHED	KIRKBY-IN-ASHFIELD	NOTTINGHAMSHIRE	166	Wed	28/06/06	0.084	0.325	0.409	1.61
20	WM-03-A-03	MIXED HOUSING	COVENTRY	WEST MIDLANDS	84	Mon	24/09/07	0.036	0.310	0.346	2.60
21	SF-03-A-02	SEMI DET./TERR	IPSWICH	SUFFOLK	230	Thu	24/05/07	0.130	0.304	0.434	2.48
22	NY-03-A-10	HOUSES AND FLA	RIPON	NORTH YORKSHIRE	71	Tue	17/09/13	0.056	0.296	0.352	0.83
23	CH-03-A-05	DETACHED	CREWE	CHESHIRE	17	Tue	14/10/08	0.059	0.294	0.353	3.71
24	CH-03-A-02	HOUSES/FLATS	CREWE	CHESHIRE	174	Tue	14/10/08	0.057	0.287	0.344	2.81
25	SF-03-A-04	DETACHED & BUN	LOWESTOFT	SUFFOLK	7	Tue	23/10/12	0.000	0.286	0.286	4.43
26	NY-03-A-03	PRIVATE HOUSIN	BOROUGHBRIDGE	NORTH YORKSHIRE	14	Mon	15/09/08	0.000	0.286	0.286	3.14
27	WL-03-A-01	SEMI D./TERRAC	WOOTTON BASSETT	WILTSHIRE	99	Mon	02/10/06	0.081	0.283	0.364	2.12
28	CW-03-A-02	SEMI D./DETATC	TRURO	CORNWALL	73	Tue	18/09/07	0.027	0.274	0.301	3.73
29	CB-03-A-04	SEMI DETACHED	WORKINGTON	CUMBRIA	82	Fri	24/04/09	0.085	0.268	0.353	1.74
30	NF-03-A-01	SEMI DET. & BU	CAISTER-ON-SEA	NORFOLK	27	Tue	16/10/12	0.037	0.259	0.296	2.37
31	NF-03-A-02	HOUSES & FLATS	NORWICH	NORFOLK	98	Mon	22/10/12	0.061	0.245	0.306	2.24
32	SH-03-A-05	SEMI-DETACHED/	TELFORD	SHROPSHIRE	54	Thu	24/10/13	0.204	0.241	0.445	1.17

Rank	Site-Ref	Description	Town/City	Area	DWELLS	Day	Date	Trip Rate (Sorted by Departures)			Park Spaces Per Dwelling
								Arrivals	Departures	Totals	
33	SY-03-A-01	SEMI DETACHED	DONCASTER	SOUTH YORKSHIRE	54	Wed	18/09/13	0.000	0.241	0.241	1.13
34	LN-03-A-02	MIXED HOUSES	LINCOLN	LINCOLNSHIRE	186	Mon	14/05/07	0.151	0.237	0.388	4.13
35	CA-03-A-04	DETACHED	PETERBOROUGH	CAMBRIDGESHIRE	9	Tue	18/10/11	0.000	0.222	0.222	2.44
36	SH-03-A-03	DETACHED	SHREWSBURY	SHROPSHIRE	10	Fri	26/06/09	0.500	0.200	0.700	3.00
37	CH-03-A-06	SEMI-DET./BUNG	CREWE	CHESHIRE	129	Tue	14/10/08	0.070	0.178	0.248	2.59
38	NY-03-A-09	MIXED HOUSING	NORTHALLERTON	NORTH YORKSHIRE	52	Mon	16/09/13	0.096	0.173	0.269	2.60
39	NY-03-A-06	BUNGALOWS & SEMI	BOROUGHBRIDGE	NORTH YORKSHIRE	115	Fri	14/10/11	0.043	0.157	0.200	3.50
40	ST-03-A-05	TERRACED & DET	STOKE-ON-TRENT	STAFFORDSHIRE	14	Wed	26/11/08	0.143	0.143	0.286	2.86
41	NY-03-A-08	TERRACED HOUSE	YORK	NORTH YORKSHIRE	21	Mon	16/09/13	0.000	0.143	0.143	1.14
42	GM-03-A-10	DETACHED/SEMI	MANCHESTER	GREATER MANCHESTER	29	Wed	12/10/11	0.069	0.138	0.207	2.79
43	MS-03-A-03	DETACHED	LIVERPOOL	MERSEYSIDE	15	Fri	21/06/13	0.067	0.133	0.200	3.00
44	WK-03-A-02	BUNGALOWS	COVENTRY	WARWICKSHIRE	17	Thu	17/10/13	0.000	0.118	0.118	2.06
45	NY-03-A-07	DETACHED & SEMI	BOROUGHBRIDGE	NORTH YORKSHIRE	23	Tue	18/10/11	0.000	0.087	0.087	1.96
46	WO-03-A-02	SEMI DETACHED	REDDITCH	WORCESTERSHIRE	48	Tue	02/05/06	0.000	0.042	0.042	3.35

This section displays actual (not average) trip rates for each of the survey days in the selected set, and ranks them in 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).

The table itself displays details of each individual survey, alongside arrivals, departures and totals trip rates, sorted by whichever of the three directional options has been chosen by the user. As with the preceding 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 individual survey day in the table is also displayed.

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

Ranking Type: ARRIVALS Time Range: 08:00-09:00

15th Percentile = No. 39 ES-03-A-02 Arr: 0.081

85th Percentile = No. 8 CB-03-A-03 Arr: 0.225

Median Values

Arrivals: 0.143

Departures: 0.322

Totals: 0.465

Mean Values

Arrivals: 0.159

Departures: 0.416

Totals: 0.575

Rank	Site-Ref	Description	Town/City	Area	DWELLS	Day	Date	Trip Rate (Sorted by Arrivals)			Travel Plan
								Arrivals	Departures	Totals	
1	WK-03-A-02	BUNGALOWS	COVENTRY	WARWICKSHIRE	17	Thu	17/10/13	0.588	0.353	0.941	
2	SF-03-A-04	DETACHED & BUN	LOWESTOFT	SUFFOLK	7	Tue	23/10/12	0.429	0.571	1.000	
3	MS-03-A-03	DETACHED	LIVERPOOL	MERSEYSIDE	15	Fri	21/06/13	0.400	0.933	1.333	
4	WM-03-A-03	MIXED HOUSING	COVENTRY	WEST MIDLANDS	84	Mon	24/09/07	0.321	0.405	0.726	
5	SH-03-A-04	TERRACED	SHREWSBURY	SHROPSHIRE	108	Thu	11/06/09	0.287	0.454	0.741	
6	SF-03-A-02	SEMI DET./TERR	IPSWICH	SUFFOLK	230	Thu	24/05/07	0.243	0.491	0.734	
7	CH-03-A-05	DETACHED	CREWE	CHESHIRE	17	Tue	14/10/08	0.235	0.588	0.823	
8	CB-03-A-03	SEMI DETACHED	WORKINGTON	CUMBRIA	40	Thu	20/11/08	0.225	0.450	0.675	
9	WO-03-A-03	DETACHED	KIDDERMINSTER	WORCESTERSHIRE	138	Fri	05/05/06	0.203	0.543	0.746	
10	SH-03-A-03	DETACHED	SHREWSBURY	SHROPSHIRE	10	Fri	26/06/09	0.200	0.500	0.700	
11	TW-03-A-02	SEMI-DETACHED	GATESHEAD	TYNE & WEAR	16	Mon	07/10/13	0.188	0.438	0.626	
12	LN-03-A-01	MIXED HOUSES	LINCOLN	LINCOLNSHIRE	150	Tue	15/05/07	0.187	0.440	0.627	
13	NY-03-A-10	HOUSES AND FLA	RIPON	NORTH YORKSHIRE	71	Tue	17/09/13	0.183	0.521	0.704	
14	CB-03-A-04	SEMI DETACHED	WORKINGTON	CUMBRIA	82	Fri	24/04/09	0.183	0.366	0.549	
15	LN-03-A-02	MIXED HOUSES	LINCOLN	LINCOLNSHIRE	186	Mon	14/05/07	0.183	0.425	0.608	
16	CH-03-A-08	DETACHED	CHESTER	CHESHIRE	11	Tue	22/05/12	0.182	0.455	0.637	
17	EX-03-A-01	SEMI-DET.	STANFORD-LE-HOPE	ESSEX	237	Tue	13/05/08	0.177	0.523	0.700	
18	NY-03-A-09	MIXED HOUSING	NORTHALLERTON	NORTH YORKSHIRE	52	Mon	16/09/13	0.173	0.212	0.385	
19	LC-03-A-30	SEMI-DETACHED	BLACKPOOL	LANCASHIRE	24	Fri	14/06/13	0.167	0.458	0.625	
20	CH-03-A-06	SEMI-DET./BUNG	CREWE	CHESHIRE	129	Tue	14/10/08	0.163	0.240	0.403	
21	WM-03-A-01	TERRACED	COVENTRY	WEST MIDLANDS	79	Fri	03/02/06	0.152	0.418	0.570	
22	NF-03-A-01	SEMI DET. & BU	CAISTER-ON-SEA	NORFOLK	27	Tue	16/10/12	0.148	0.296	0.444	
23	ST-03-A-05	TERRACED & DET	STOKE-ON-TRENT	STAFFORDSHIRE	14	Wed	26/11/08	0.143	0.500	0.643	
24	NY-03-A-03	PRIVATE HOUSIN	BOROUGHBRIDGE	NORTH YORKSHIRE	14	Mon	15/09/08	0.143	0.143	0.286	
25	SC-03-A-04	DETACHED & TER	BYFLEET	SURREY	71	Thu	23/01/14	0.141	0.352	0.493	
26	GM-03-A-10	DETACHED/SEMI	MANCHESTER	GREATER MANCHESTER	29	Wed	12/10/11	0.138	0.759	0.897	
27	SH-03-A-05	SEMI-DETACHED/	TELFORD	SHROPSHIRE	54	Thu	24/10/13	0.130	0.370	0.500	
28	NF-03-A-02	HOUSES & FLATS	NORWICH	NORFOLK	98	Mon	22/10/12	0.122	0.347	0.469	
29	SF-03-A-03	MIXED HOUSES	BURY ST EDMUNDS	SUFFOLK	101	Mon	15/05/06	0.109	0.554	0.663	
30	NT-03-A-03	SEMI DETACHED	KIRKBY-IN-ASHFIELD	NOTTINGHAMSHIRE	166	Wed	28/06/06	0.108	0.313	0.421	
31	WO-03-A-02	SEMI DETACHED	REDDITCH	WORCESTERSHIRE	48	Tue	02/05/06	0.104	0.333	0.437	
32	SF-03-A-01	SEMI DETACHED	IPSWICH	SUFFOLK	77	Wed	23/05/07	0.104	0.416	0.520	

Rank	Site-Ref	Description	Town/City	Area	DWELLS	Day	Date	Trip Rate (Sorted by Arrivals)			Travel Plan
								Arrivals	Departures	Totals	
33	CH-03-A-02	HOUSES/FLATS	CREWE	CHESHIRE	174	Tue	14/10/08	0.103	0.374	0.477	
34	DC-03-A-01	DETACHED	POOLE	DORSET	51	Wed	16/07/08	0.098	0.373	0.471	
35	CW-03-A-02	SEMI D./DETATC	TRURO	CORNWALL	73	Tue	18/09/07	0.096	0.329	0.425	
36	NY-03-A-06	BUNGALOWS & SE	BOROUGHBRIDGE	NORTH YORKSHIRE	115	Fri	14/10/11	0.096	0.400	0.496	
37	NY-03-A-07	DETACHED & SEM	BOROUGHBRIDGE	NORTH YORKSHIRE	23	Tue	18/10/11	0.087	0.391	0.478	
38	WM-03-A-02	DETACHED & SEM	STOURBRIDGE	WEST MIDLANDS	12	Wed	26/04/06	0.083	0.250	0.333	
39	ES-03-A-02	PRIVATE HOUSIN	PEACEHAVEN	EAST SUSSEX	37	Fri	18/11/11	0.081	0.405	0.486	Yes
40	WL-03-A-01	SEMI D./TERRAC	WOOTTON BASSETT	WILTSHIRE	99	Mon	02/10/06	0.071	0.333	0.404	
41	SY-03-A-01	SEMI DETACHED	DONCASTER	SOUTH YORKSHIRE	54	Wed	18/09/13	0.056	0.389	0.445	
42	NY-03-A-08	TERRACED HOUSE	YORK	NORTH YORKSHIRE	21	Mon	16/09/13	0.048	0.286	0.334	
43	LN-03-A-03	SEMI DETACHED	LINCOLN	LINCOLNSHIRE	22	Tue	18/09/12	0.045	0.364	0.409	
44	NY-03-A-11	PRIVATE HOUSIN	BOROUGHBRIDGE	NORTH YORKSHIRE	23	Wed	18/09/13	0.000	0.565	0.565	
45	CA-03-A-04	DETACHED	PETERBOROUGH	CAMBRIDGESHIRE	9	Tue	18/10/11	0.000	0.333	0.333	
46	WK-03-A-01	TERRACED/SEMI/	LEAMINGTON SPA	WARWICKSHIRE	6	Fri	21/10/11	0.000	0.167	0.167	

This section displays actual (not average) trip rates for each of the survey days in the selected set, and ranks them in 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).

The table itself displays details of each individual survey, alongside arrivals, departures and totals trip rates, sorted by whichever of the three directional options has been chosen by the user. As with the preceding 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 individual survey day in the table is also displayed.

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

Ranking Type: DEPARTURES Time Range: 08:00-09:00

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

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

Median Values

Arrivals: 0.209

Departures: 0.403

Totals: 0.611

Mean Values

Arrivals: 0.159

Departures: 0.416

Totals: 0.575

Rank	Site-Ref	Description	Town/City	Area	DWELLS	Day	Date	Trip Rate (Sorted by Departures)			Travel Plan
								Arrivals	Departures	Totals	
1	MS-03-A-03	DETACHED	LIVERPOOL	MERSEYSIDE	15	Fri	21/06/13	0.400	0.933	1.333	
2	GM-03-A-10	DETACHED/SEMI	MANCHESTER	GREATER MANCHESTER	29	Wed	12/10/11	0.138	0.759	0.897	
3	CH-03-A-05	DETACHED	CREWE	CHESHIRE	17	Tue	14/10/08	0.235	0.588	0.823	
4	SF-03-A-04	DETACHED & BUN	LOWESTOFT	SUFFOLK	7	Tue	23/10/12	0.429	0.571	1.000	
5	NY-03-A-11	PRIVATE HOUSIN	BOROUGHBRIDGE	NORTH YORKSHIRE	23	Wed	18/09/13	0.000	0.565	0.565	
6	SF-03-A-03	MIXED HOUSES	BURY ST EDMUNDS	SUFFOLK	101	Mon	15/05/06	0.109	0.554	0.663	
7	WO-03-A-03	DETACHED	KIDDERMINSTER	WORCESTERSHIRE	138	Fri	05/05/06	0.203	0.543	0.746	
8	EX-03-A-01	SEMI-DET.	STANFORD-LE-HOPE	ESSEX	237	Tue	13/05/08	0.177	0.523	0.700	
9	NY-03-A-10	HOUSES AND FLA	RIPON	NORTH YORKSHIRE	71	Tue	17/09/13	0.183	0.521	0.704	
10	SH-03-A-03	DETACHED	SHREWSBURY	SHROPSHIRE	10	Fri	26/06/09	0.200	0.500	0.700	
11	ST-03-A-05	TERRACED & DET	STOKE-ON-TRENT	STAFFORDSHIRE	14	Wed	26/11/08	0.143	0.500	0.643	
12	SF-03-A-02	SEMI DET./TERR	IPSWICH	SUFFOLK	230	Thu	24/05/07	0.243	0.491	0.734	
13	LC-03-A-30	SEMI-DETACHED	BLACKPOOL	LANCASHIRE	24	Fri	14/06/13	0.167	0.458	0.625	
14	CH-03-A-08	DETACHED	CHESTER	CHESHIRE	11	Tue	22/05/12	0.182	0.455	0.637	
15	SH-03-A-04	TERRACED	SHREWSBURY	SHROPSHIRE	108	Thu	11/06/09	0.287	0.454	0.741	
16	CB-03-A-03	SEMI DETACHED	WORKINGTON	CUMBRIA	40	Thu	20/11/08	0.225	0.450	0.675	
17	LN-03-A-01	MIXED HOUSES	LINCOLN	LINCOLNSHIRE	150	Tue	15/05/07	0.187	0.440	0.627	
18	TW-03-A-02	SEMI-DETACHED	GATESHEAD	TYNE & WEAR	16	Mon	07/10/13	0.188	0.438	0.626	
19	LN-03-A-02	MIXED HOUSES	LINCOLN	LINCOLNSHIRE	186	Mon	14/05/07	0.183	0.425	0.608	
20	WM-03-A-01	TERRACED	COVENTRY	WEST MIDLANDS	79	Fri	03/02/06	0.152	0.418	0.570	
21	SF-03-A-01	SEMI DETACHED	IPSWICH	SUFFOLK	77	Wed	23/05/07	0.104	0.416	0.520	
22	ES-03-A-02	PRIVATE HOUSIN	PEACEHAVEN	EAST SUSSEX	37	Fri	18/11/11	0.081	0.405	0.486	Yes
23	WM-03-A-03	MIXED HOUSING	COVENTRY	WEST MIDLANDS	84	Mon	24/09/07	0.321	0.405	0.726	
24	NY-03-A-06	BUNGALOWS & SE	BOROUGHBRIDGE	NORTH YORKSHIRE	115	Fri	14/10/11	0.096	0.400	0.496	
25	NY-03-A-07	DETACHED & SEM	BOROUGHBRIDGE	NORTH YORKSHIRE	23	Tue	18/10/11	0.087	0.391	0.478	
26	SY-03-A-01	SEMI DETACHED	DONCASTER	SOUTH YORKSHIRE	54	Wed	18/09/13	0.056	0.389	0.445	
27	CH-03-A-02	HOUSES/FLATS	CREWE	CHESHIRE	174	Tue	14/10/08	0.103	0.374	0.477	
28	DC-03-A-01	DETACHED	POOLE	DORSET	51	Wed	16/07/08	0.098	0.373	0.471	
29	SH-03-A-05	SEMI-DETACHED/	TELFORD	SHROPSHIRE	54	Thu	24/10/13	0.130	0.370	0.500	
30	CB-03-A-04	SEMI DETACHED	WORKINGTON	CUMBRIA	82	Fri	24/04/09	0.183	0.366	0.549	
31	LN-03-A-03	SEMI DETACHED	LINCOLN	LINCOLNSHIRE	22	Tue	18/09/12	0.045	0.364	0.409	
32	WK-03-A-02	BUNGALOWS	COVENTRY	WARWICKSHIRE	17	Thu	17/10/13	0.588	0.353	0.941	

Rank	Site-Ref	Description	Town/City	Area	DWELLS	Day	Date	Trip Rate (Sorted by Departures)			Travel Plan
								Arrivals	Departures	Totals	
33	SC-03-A-04	DETACHED & TER	BYFLEET	SURREY	71	Thu	23/01/14	0.141	0.352	0.493	
34	NF-03-A-02	HOUSES & FLATS	NORWICH	NORFOLK	98	Mon	22/10/12	0.122	0.347	0.469	
35	WO-03-A-02	SEMI DETACHED	REDDITCH	WORCESTERSHIRE	48	Tue	02/05/06	0.104	0.333	0.437	
36	WL-03-A-01	SEMI D./TERRAC	WOOTTON BASSETT	WILTSHIRE	99	Mon	02/10/06	0.071	0.333	0.404	
37	CA-03-A-04	DETACHED	PETERBOROUGH	CAMBRIDGESHIRE	9	Tue	18/10/11	0.000	0.333	0.333	
38	CW-03-A-02	SEMI D./DETATC	TRURO	CORNWALL	73	Tue	18/09/07	0.096	0.329	0.425	
39	NT-03-A-03	SEMI DETACHED	KIRKBY-IN-ASHFIELD	NOTTINGHAMSHIRE	166	Wed	28/06/06	0.108	0.313	0.421	
40	NF-03-A-01	SEMI DET. & BU	CAISTER-ON-SEA	NORFOLK	27	Tue	16/10/12	0.148	0.296	0.444	
41	NY-03-A-08	TERRACED HOUSE	YORK	NORTH YORKSHIRE	21	Mon	16/09/13	0.048	0.286	0.334	
42	WM-03-A-02	DETACHED & SEM	STOURBRIDGE	WEST MIDLANDS	12	Wed	26/04/06	0.083	0.250	0.333	
43	CH-03-A-06	SEMI-DET./BUNG	CREWE	CHESHIRE	129	Tue	14/10/08	0.163	0.240	0.403	
44	NY-03-A-09	MIXED HOUSING	NORTHALLERTON	NORTH YORKSHIRE	52	Mon	16/09/13	0.173	0.212	0.385	
45	WK-03-A-01	TERRACED/SEMI/	LEAMINGTON SPA	WARWICKSHIRE	6	Fri	21/10/11	0.000	0.167	0.167	
46	NY-03-A-03	PRIVATE HOUSIN	BOROUGHBRIDGE	NORTH YORKSHIRE	14	Mon	15/09/08	0.143	0.143	0.286	

This section displays actual (not average) trip rates for each of the survey days in the selected set, and ranks them in 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).

The table itself displays details of each individual survey, alongside arrivals, departures and totals trip rates, sorted by whichever of the three directional options has been chosen by the user. As with the preceding 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 individual survey day in the table is also displayed.

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

VEHICLESRanking Type: **ARRIVALS** Time Range: 09:00-10:0015th Percentile = No. **39** CH-03-A-02 Arr: 0.07585th Percentile = No. **8** NY-03-A-11 Arr: 0.217Median Values

Arrivals: 0.153

Departures: 0.199

Totals: 0.352

Mean Values

Arrivals: 0.156

Departures: 0.214

Totals: 0.370

Rank	Site-Ref	Description	Town/City	Area	DWELLS	Day	Date	Trip Rate (Sorted by Arrivals)			Park Spaces Per Dwelling
								Arrivals	Departures	Totals	
1	WO-03-A-02	SEMI DETACHED	REDDITCH	WORCESTERSHIRE	48	Tue	02/05/06	0.333	0.354	0.687	3.35
2	LC-03-A-30	SEMI-DETACHED	BLACKPOOL	LANCASHIRE	24	Fri	14/06/13	0.292	0.208	0.500	1.67
3	SF-03-A-04	DETACHED & BUN	LOWESTOFT	SUFFOLK	7	Tue	23/10/12	0.286	0.714	1.000	4.43
4	SF-03-A-03	MIXED HOUSES	BURY ST EDMUNDS	SUFFOLK	101	Mon	15/05/06	0.257	0.317	0.574	4.34
5	SF-03-A-02	SEMI DET./TERR	IPSWICH	SUFFOLK	230	Thu	24/05/07	0.248	0.248	0.496	2.48
6	WO-03-A-03	DETACHED	KIDDERMINSTER	WORCESTERSHIRE	138	Fri	05/05/06	0.239	0.319	0.558	3.14
7	WM-03-A-01	TERRACED	COVENTRY	WEST MIDLANDS	79	Fri	03/02/06	0.228	0.190	0.418	0.96
8	NY-03-A-11	PRIVATE HOUSIN	BOROUGHBRIDGE	NORTH YORKSHIRE	23	Wed	18/09/13	0.217	0.217	0.434	6.26
9	WM-03-A-03	MIXED HOUSING	COVENTRY	WEST MIDLANDS	84	Mon	24/09/07	0.214	0.357	0.571	2.60
10	LN-03-A-01	MIXED HOUSES	LINCOLN	LINCOLNSHIRE	150	Tue	15/05/07	0.207	0.220	0.427	4.91
11	NY-03-A-06	BUNGALOWS & SE	BOROUGHBRIDGE	NORTH YORKSHIRE	115	Fri	14/10/11	0.200	0.174	0.374	3.50
12	CW-03-A-02	SEMI D./DETATC	TRURO	CORNWALL	73	Tue	18/09/07	0.192	0.329	0.521	3.73
13	NY-03-A-08	TERRACED HOUSE	YORK	NORTH YORKSHIRE	21	Mon	16/09/13	0.190	0.048	0.238	1.14
14	NF-03-A-01	SEMI DET. & BU	CAISTER-ON-SEA	NORFOLK	27	Tue	16/10/12	0.185	0.222	0.407	2.37
15	CH-03-A-08	DETACHED	CHESTER	CHESHIRE	11	Tue	22/05/12	0.182	0.273	0.455	4.73
16	CH-03-A-05	DETACHED	CREWE	CHESHIRE	17	Tue	14/10/08	0.176	0.294	0.470	3.71
17	DC-03-A-01	DETACHED	POOLE	DORSET	51	Wed	16/07/08	0.176	0.196	0.372	3.00
18	NY-03-A-07	DETACHED & SEM	BOROUGHBRIDGE	NORTH YORKSHIRE	23	Tue	18/10/11	0.174	0.000	0.174	1.96
19	CH-03-A-06	SEMI-DET./BUNG	CREWE	CHESHIRE	129	Tue	14/10/08	0.171	0.233	0.404	2.59
20	SC-03-A-04	DETACHED & TER	BYFLEET	SURREY	71	Thu	23/01/14	0.169	0.254	0.423	2.49
21	LN-03-A-02	MIXED HOUSES	LINCOLN	LINCOLNSHIRE	186	Mon	14/05/07	0.167	0.263	0.430	4.13
22	SH-03-A-04	TERRACED	SHREWSBURY	SHROPSHIRE	108	Thu	11/06/09	0.167	0.176	0.343	1.86
23	EX-03-A-01	SEMI-DET.	STANFORD-LE-HOPE	ESSEX	237	Tue	13/05/08	0.156	0.198	0.354	2.53
24	CB-03-A-03	SEMI DETACHED	WORKINGTON	CUMBRIA	40	Thu	20/11/08	0.150	0.200	0.350	3.10
25	SH-03-A-05	SEMI-DETACHED/	TELFORD	SHROPSHIRE	54	Thu	24/10/13	0.148	0.148	0.296	1.17
26	CB-03-A-04	SEMI DETACHED	WORKINGTON	CUMBRIA	82	Fri	24/04/09	0.146	0.183	0.329	1.74
27	NY-03-A-03	PRIVATE HOUSIN	BOROUGHBRIDGE	NORTH YORKSHIRE	14	Mon	15/09/08	0.143	0.071	0.214	3.14
28	NY-03-A-10	HOUSES AND FLA	RIPON	NORTH YORKSHIRE	71	Tue	17/09/13	0.141	0.169	0.310	0.83
29	LN-03-A-03	SEMI DETACHED	LINCOLN	LINCOLNSHIRE	22	Tue	18/09/12	0.136	0.091	0.227	1.09
30	ES-03-A-02	PRIVATE HOUSIN	PEACEHAVEN	EAST SUSSEX	37	Fri	18/11/11	0.135	0.108	0.243	1.59
31	NY-03-A-09	MIXED HOUSING	NORTHALLERTON	NORTH YORKSHIRE	52	Mon	16/09/13	0.135	0.250	0.385	2.60
32	MS-03-A-03	DETACHED	LIVERPOOL	MERSEYSIDE	15	Fri	21/06/13	0.133	0.200	0.333	3.00

Rank	Site-Ref	Description	Town/City	Area	DWELLS	Day	Date	Trip Rate (Sorted by Arrivals)			Park Spaces Per Dwelling
								Arrivals	Departures	Totals	
33	WL-03-A-01	SEMI D./TERRAC	WOOTTON BASSETT	WILTSHIRE	99	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	9	Tue	18/10/11	0.111	0.111	0.222	2.44
37	SY-03-A-01	SEMI DETACHED	DONCASTER	SOUTH YORKSHIRE	54	Wed	18/09/13	0.111	0.074	0.185	1.13
38	WM-03-A-02	DETACHED & SEM	STOURBRIDGE	WEST MIDLANDS	12	Wed	26/04/06	0.083	0.333	0.416	2.67
39	CH-03-A-02	HOUSES/FLATS	CREWE	CHESHIRE	174	Tue	14/10/08	0.075	0.115	0.190	2.81
40	ST-03-A-05	TERRACED & DET	STOKE-ON-TRENT	STAFFORDSHIRE	14	Wed	26/11/08	0.071	0.214	0.285	2.86
41	GM-03-A-10	DETACHED/SEMI	MANCHESTER	GREATER MANCHESTER	29	Wed	12/10/11	0.069	0.241	0.310	2.79
42	TW-03-A-02	SEMI-DETACHED	GATESHEAD	TYNE & WEAR	16	Mon	07/10/13	0.063	0.063	0.124	2.38
43	NF-03-A-02	HOUSES & FLATS	NORWICH	NORFOLK	98	Mon	22/10/12	0.061	0.153	0.214	2.24
44	WK-03-A-02	BUNGALOWS	COVENTRY	WARWICKSHIRE	17	Thu	17/10/13	0.059	0.235	0.294	2.06
45	SH-03-A-03	DETACHED	SHREWSBURY	SHROPSHIRE	10	Fri	26/06/09	0.000	0.200	0.200	3.00
46	WK-03-A-01	TERRACED/SEMI/	LEAMINGTON SPA	WARWICKSHIRE	6	Fri	21/10/11	0.000	0.167	0.167	2.00

This section displays actual (not average) trip rates for each of the survey days in the selected set, and ranks them in 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).

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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 Values

Arrivals: 0.181

Departures: 0.211

Totals: 0.392

Mean Values

Arrivals: 0.156

Departures: 0.214

Totals: 0.370

Rank	Site-Ref	Description	Town/City	Area	DWELLS	Day	Date	Trip Rate (Sorted by Departures)			Park Spaces Per Dwelling
								Arrivals	Departures	Totals	
1	SF-03-A-04	DETACHED & BUN	LOWESTOFT	SUFFOLK	7	Tue	23/10/12	0.286	0.714	1.000	4.43
2	WM-03-A-03	MIXED HOUSING	COVENTRY	WEST MIDLANDS	84	Mon	24/09/07	0.214	0.357	0.571	2.60
3	WO-03-A-02	SEMI DETACHED	REDDITCH	WORCESTERSHIRE	48	Tue	02/05/06	0.333	0.354	0.687	3.35
4	WM-03-A-02	DETACHED & SEM	STOURBRIDGE	WEST MIDLANDS	12	Wed	26/04/06	0.083	0.333	0.416	2.67
5	CW-03-A-02	SEMI D./DETATC	TRURO	CORNWALL	73	Tue	18/09/07	0.192	0.329	0.521	3.73
6	WO-03-A-03	DETACHED	KIDDERMINSTER	WORCESTERSHIRE	138	Fri	05/05/06	0.239	0.319	0.558	3.14
7	SF-03-A-03	MIXED HOUSES	BURY ST EDMUNDS	SUFFOLK	101	Mon	15/05/06	0.257	0.317	0.574	4.34
8	CH-03-A-05	DETACHED	CREWE	CHESHIRE	17	Tue	14/10/08	0.176	0.294	0.470	3.71
9	NT-03-A-03	SEMI DETACHED	KIRKBY-IN-ASHFIELD	NOTTINGHAMSHIRE	166	Wed	28/06/06	0.120	0.283	0.403	1.61
10	CH-03-A-08	DETACHED	CHESTER	CHESHIRE	11	Tue	22/05/12	0.182	0.273	0.455	4.73
11	LN-03-A-02	MIXED HOUSES	LINCOLN	LINCOLNSHIRE	186	Mon	14/05/07	0.167	0.263	0.430	4.13
12	SC-03-A-04	DETACHED & TER	BYFLEET	SURREY	71	Thu	23/01/14	0.169	0.254	0.423	2.49
13	NY-03-A-09	MIXED HOUSING	NORTHALLERTON	NORTH YORKSHIRE	52	Mon	16/09/13	0.135	0.250	0.385	2.60
14	SF-03-A-02	SEMI DET./TERR	IPSWICH	SUFFOLK	230	Thu	24/05/07	0.248	0.248	0.496	2.48
15	GM-03-A-10	DETACHED/SEMI	MANCHESTER	GREATER MANCHESTER	29	Wed	12/10/11	0.069	0.241	0.310	2.79
16	WK-03-A-02	BUNGALOWS	COVENTRY	WARWICKSHIRE	17	Thu	17/10/13	0.059	0.235	0.294	2.06
17	CH-03-A-06	SEMI-DET./BUNG	CREWE	CHESHIRE	129	Tue	14/10/08	0.171	0.233	0.404	2.59
18	NF-03-A-01	SEMI DET. & BU	CAISTER-ON-SEA	NORFOLK	27	Tue	16/10/12	0.185	0.222	0.407	2.37
19	WL-03-A-01	SEMI D./TERRAC	WOOTTON BASSETT	WILTSHIRE	99	Mon	02/10/06	0.121	0.222	0.343	2.12
20	SF-03-A-01	SEMI DETACHED	IPSWICH	SUFFOLK	77	Wed	23/05/07	0.117	0.221	0.338	2.22
21	LN-03-A-01	MIXED HOUSES	LINCOLN	LINCOLNSHIRE	150	Tue	15/05/07	0.207	0.220	0.427	4.91
22	NY-03-A-11	PRIVATE HOUSIN	BOROUGHBRIDGE	NORTH YORKSHIRE	23	Wed	18/09/13	0.217	0.217	0.434	6.26
23	ST-03-A-05	TERRACED & DET	STOKE-ON-TRENT	STAFFORDSHIRE	14	Wed	26/11/08	0.071	0.214	0.285	2.86
24	LC-03-A-30	SEMI-DETACHED	BLACKPOOL	LANCASHIRE	24	Fri	14/06/13	0.292	0.208	0.500	1.67
25	CB-03-A-03	SEMI DETACHED	WORKINGTON	CUMBRIA	40	Thu	20/11/08	0.150	0.200	0.350	3.10
26	MS-03-A-03	DETACHED	LIVERPOOL	MERSEYSIDE	15	Fri	21/06/13	0.133	0.200	0.333	3.00
27	SH-03-A-03	DETACHED	SHREWSBURY	SHROPSHIRE	10	Fri	26/06/09	0.000	0.200	0.200	3.00
28	EX-03-A-01	SEMI-DET.	STANFORD-LE-HOPE	ESSEX	237	Tue	13/05/08	0.156	0.198	0.354	2.53
29	DC-03-A-01	DETACHED	POOLE	DORSET	51	Wed	16/07/08	0.176	0.196	0.372	3.00
30	WM-03-A-01	TERRACED	COVENTRY	WEST MIDLANDS	79	Fri	03/02/06	0.228	0.190	0.418	0.96
31	CB-03-A-04	SEMI DETACHED	WORKINGTON	CUMBRIA	82	Fri	24/04/09	0.146	0.183	0.329	1.74
32	SH-03-A-04	TERRACED	SHREWSBURY	SHROPSHIRE	108	Thu	11/06/09	0.167	0.176	0.343	1.86

Rank	Site-Ref	Description	Town/City	Area	DWELLS	Day	Date	Trip Rate (Sorted by Departures)			Park Spaces Per Dwelling
								Arrivals	Departures	Totals	
33	NY-03-A-06	BUNGALOWS & SE	BOROUGHBRIDGE	NORTH YORKSHIRE	115	Fri	14/10/11	0.200	0.174	0.374	3.50
34	NY-03-A-10	HOUSES AND FLA	RIPON	NORTH YORKSHIRE	71	Tue	17/09/13	0.141	0.169	0.310	0.83
35	WK-03-A-01	TERRACED/SEMI/	LEAMINGTON SPA	WARWICKSHIRE	6	Fri	21/10/11	0.000	0.167	0.167	2.00
36	NF-03-A-02	HOUSES & FLATS	NORWICH	NORFOLK	98	Mon	22/10/12	0.061	0.153	0.214	2.24
37	SH-03-A-05	SEMI-DETACHED/	TELFORD	SHROPSHIRE	54	Thu	24/10/13	0.148	0.148	0.296	1.17
38	CH-03-A-02	HOUSES/FLATS	CREWE	CHESHIRE	174	Tue	14/10/08	0.075	0.115	0.190	2.81
39	CA-03-A-04	DETACHED	PETERBOROUGH	CAMBRIDGESHIRE	9	Tue	18/10/11	0.111	0.111	0.222	2.44
40	ES-03-A-02	PRIVATE HOUSIN	PEACEHAVEN	EAST SUSSEX	37	Fri	18/11/11	0.135	0.108	0.243	1.59
41	LN-03-A-03	SEMI DETACHED	LINCOLN	LINCOLNSHIRE	22	Tue	18/09/12	0.136	0.091	0.227	1.09
42	SY-03-A-01	SEMI DETACHED	DONCASTER	SOUTH YORKSHIRE	54	Wed	18/09/13	0.111	0.074	0.185	1.13
43	NY-03-A-03	PRIVATE HOUSIN	BOROUGHBRIDGE	NORTH YORKSHIRE	14	Mon	15/09/08	0.143	0.071	0.214	3.14
44	TW-03-A-02	SEMI-DETACHED	GATESHEAD	TYNE & WEAR	16	Mon	07/10/13	0.063	0.063	0.124	2.38
45	NY-03-A-08	TERRACED HOUSE	YORK	NORTH YORKSHIRE	21	Mon	16/09/13	0.190	0.048	0.238	1.14
46	NY-03-A-07	DETACHED & SEM	BOROUGHBRIDGE	NORTH YORKSHIRE	23	Tue	18/10/11	0.174	0.000	0.174	1.96

This section displays actual (not average) trip rates for each of the survey days in the selected set, and ranks them in 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).

The table itself displays details of each individual survey, alongside arrivals, departures and totals trip rates, sorted by whichever of the three directional options has been chosen by the user. As with the preceding 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 individual survey day in the table is also displayed.

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

VEHICLES

Ranking Type: **ARRIVALS** Time Range: 16:00-17:00

15th Percentile = No. **39** DC-03-A-01 Arr: 0.196

85th Percentile = No. **8** LN-03-A-02 Arr: 0.419

Median Values

Arrivals: 0.289

Departures: 0.222

Totals: 0.510

Mean Values

Arrivals: 0.301

Departures: 0.186

Totals: 0.487

Rank	Site-Ref	Description	Town/City	Area	DWELLS	Day	Date	Trip Rate (Sorted by Arrivals)			Park Spaces Per Dwelling
								Arrivals	Departures	Totals	
1	NY-03-A-07	DETACHED & SEM	BOROUGHBRIDGE	NORTH YORKSHIRE	23	Tue	18/10/11	0.565	0.348	0.913	1.96
2	SF-03-A-03	MIXED HOUSES	BURY ST EDMUNDS	SUFFOLK	101	Mon	15/05/06	0.525	0.248	0.773	4.34
3	CB-03-A-03	SEMI DETACHED	WORKINGTON	CUMBRIA	40	Thu	20/11/08	0.500	0.250	0.750	3.10
4	CH-03-A-08	DETACHED	CHESTER	CHESHIRE	11	Tue	22/05/12	0.455	0.182	0.637	4.73
5	GM-03-A-10	DETACHED/SEMI	MANCHESTER	GREATER MANCHESTER	29	Wed	12/10/11	0.448	0.138	0.586	2.79
6	SF-03-A-04	DETACHED & BUN	LOWESTOFT	SUFFOLK	7	Tue	23/10/12	0.429	0.429	0.858	4.43
7	WO-03-A-03	DETACHED	KIDDERMINSTER	WORCESTERSHIRE	138	Fri	05/05/06	0.420	0.225	0.645	3.14
8	LN-03-A-02	MIXED HOUSES	LINCOLN	LINCOLNSHIRE	186	Mon	14/05/07	0.419	0.231	0.650	4.13
9	CH-03-A-05	DETACHED	CREWE	CHESHIRE	17	Tue	14/10/08	0.412	0.176	0.588	3.71
10	NF-03-A-01	SEMI DET. & BU	CAISTER-ON-SEA	NORFOLK	27	Tue	16/10/12	0.407	0.444	0.851	2.37
11	EX-03-A-01	SEMI-DET.	STANFORD-LE-HOPE	ESSEX	237	Tue	13/05/08	0.405	0.232	0.637	2.53
12	WM-03-A-01	TERRACED	COVENTRY	WEST MIDLANDS	79	Fri	03/02/06	0.380	0.203	0.583	0.96
13	CW-03-A-02	SEMI D./DETATC	TRURO	CORNWALL	73	Tue	18/09/07	0.370	0.192	0.562	3.73
14	CB-03-A-04	SEMI DETACHED	WORKINGTON	CUMBRIA	82	Fri	24/04/09	0.354	0.207	0.561	1.74
15	WM-03-A-02	DETACHED & SEM	STOURBRIDGE	WEST MIDLANDS	12	Wed	26/04/06	0.333	0.250	0.583	2.67
16	SH-03-A-05	SEMI-DETACHED/	TELFORD	SHROPSHIRE	54	Thu	24/10/13	0.333	0.148	0.481	1.17
17	WM-03-A-03	MIXED HOUSING	COVENTRY	WEST MIDLANDS	84	Mon	24/09/07	0.321	0.155	0.476	2.60
18	NY-03-A-10	HOUSES AND FLA	RIPON	NORTH YORKSHIRE	71	Tue	17/09/13	0.310	0.169	0.479	0.83
19	SH-03-A-03	DETACHED	SHREWSBURY	SHROPSHIRE	10	Fri	26/06/09	0.300	0.200	0.500	3.00
20	ES-03-A-02	PRIVATE HOUSIN	PEACEHAVEN	EAST SUSSEX	37	Fri	18/11/11	0.297	0.000	0.297	1.59
21	SF-03-A-02	SEMI DET./TERR	IPSWICH	SUFFOLK	230	Thu	24/05/07	0.296	0.213	0.509	2.48
22	CH-03-A-02	HOUSES/FLATS	CREWE	CHESHIRE	174	Tue	14/10/08	0.293	0.195	0.488	2.81
23	WO-03-A-02	SEMI DETACHED	REDDITCH	WORCESTERSHIRE	48	Tue	02/05/06	0.292	0.229	0.521	3.35
24	ST-03-A-05	TERRACED & DET	STOKE-ON-TRENT	STAFFORDSHIRE	14	Wed	26/11/08	0.286	0.214	0.500	2.86
25	SF-03-A-01	SEMI DETACHED	IPSWICH	SUFFOLK	77	Wed	23/05/07	0.286	0.117	0.403	2.22
26	LN-03-A-01	MIXED HOUSES	LINCOLN	LINCOLNSHIRE	150	Tue	15/05/07	0.267	0.193	0.460	4.91
27	MS-03-A-03	DETACHED	LIVERPOOL	MERSEYSIDE	15	Fri	21/06/13	0.267	0.133	0.400	3.00
28	NT-03-A-03	SEMI DETACHED	KIRKBY-IN-ASHFIELD	NOTTINGHAMSHIRE	166	Wed	28/06/06	0.265	0.187	0.452	1.61
29	NY-03-A-11	PRIVATE HOUSIN	BOROUGHBRIDGE	NORTH YORKSHIRE	23	Wed	18/09/13	0.261	0.087	0.348	6.26
30	SH-03-A-04	TERRACED	SHREWSBURY	SHROPSHIRE	108	Thu	11/06/09	0.259	0.130	0.389	1.86
31	SC-03-A-04	DETACHED & TER	BYFLEET	SURREY	71	Thu	23/01/14	0.254	0.197	0.451	2.49
32	NY-03-A-06	BUNGALOWS & SE	BOROUGHBRIDGE	NORTH YORKSHIRE	115	Fri	14/10/11	0.252	0.122	0.374	3.50

Rank	Site-Ref	Description	Town/City	Area	DWELLS	Day	Date	Trip Rate (Sorted by Arrivals)			Park Spaces Per Dwelling
								Arrivals	Departures	Totals	
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	99	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	HOUSES & FLATS	NORWICH	NORFOLK	98	Mon	22/10/12	0.235	0.224	0.459	2.24
37	CA-03-A-04	DETACHED	PETERBOROUGH	CAMBRIDGESHIRE	9	Tue	18/10/11	0.222	0.000	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	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	0.095	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	MIXED HOUSING	NORTHALLERTON	NORTH YORKSHIRE	52	Mon	16/09/13	0.173	0.154	0.327	2.60
43	WK-03-A-01	TERRACED/SEMI/	LEAMINGTON SPA	WARWICKSHIRE	6	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	WK-03-A-02	BUNGALOWS	COVENTRY	WARWICKSHIRE	17	Thu	17/10/13	0.000	0.059	0.059	2.06

This section displays actual (not average) trip rates for each of the survey days in the selected set, and ranks them in 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).

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

VEHICLESRanking Type: **DEPARTURES** Time Range: 16:00-17:0015th Percentile = No. **39** NY-03-A-06 Dep: 0.12285th Percentile = No. **8** SF-03-A-03 Dep: 0.248Median Values

Arrivals: 0.195

Departures: 0.188

Totals: 0.383

Mean Values

Arrivals: 0.301

Departures: 0.186

Totals: 0.487

Rank	Site-Ref	Description	Town/City	Area	DWELLS	Day	Date	Trip Rate (Sorted by Departures)			Park Spaces Per Dwelling
								Arrivals	Departures	Totals	
1	NF-03-A-01	SEMI DET. & BU	CAISTER-ON-SEA	NORFOLK	27	Tue	16/10/12	0.407	0.444	0.851	2.37
2	SF-03-A-04	DETACHED & BUN	LOWESTOFT	SUFFOLK	7	Tue	23/10/12	0.429	0.429	0.858	4.43
3	NY-03-A-07	DETACHED & SEM	BOROUGHBRIDGE	NORTH YORKSHIRE	23	Tue	18/10/11	0.565	0.348	0.913	1.96
4	LC-03-A-30	SEMI-DETACHED	BLACKPOOL	LANCASHIRE	24	Fri	14/06/13	0.250	0.333	0.583	1.67
5	DC-03-A-01	DETACHED	POOLE	DORSET	51	Wed	16/07/08	0.196	0.275	0.471	3.00
6	CB-03-A-03	SEMI DETACHED	WORKINGTON	CUMBRIA	40	Thu	20/11/08	0.500	0.250	0.750	3.10
7	WM-03-A-02	DETACHED & SEM	STOURBRIDGE	WEST MIDLANDS	12	Wed	26/04/06	0.333	0.250	0.583	2.67
8	SF-03-A-03	MIXED HOUSES	BURY ST EDMUNDS	SUFFOLK	101	Mon	15/05/06	0.525	0.248	0.773	4.34
9	EX-03-A-01	SEMI-DET.	STANFORD-LE-HOPE	ESSEX	237	Tue	13/05/08	0.405	0.232	0.637	2.53
10	LN-03-A-02	MIXED HOUSES	LINCOLN	LINCOLNSHIRE	186	Mon	14/05/07	0.419	0.231	0.650	4.13
11	WO-03-A-02	SEMI DETACHED	REDDITCH	WORCESTERSHIRE	48	Tue	02/05/06	0.292	0.229	0.521	3.35
12	WO-03-A-03	DETACHED	KIDDERMINSTER	WORCESTERSHIRE	138	Fri	05/05/06	0.420	0.225	0.645	3.14
13	NF-03-A-02	HOUSES & FLATS	NORWICH	NORFOLK	98	Mon	22/10/12	0.235	0.224	0.459	2.24
14	ST-03-A-05	TERRACED & DET	STOKE-ON-TRENT	STAFFORDSHIRE	14	Wed	26/11/08	0.286	0.214	0.500	2.86
15	SF-03-A-02	SEMI DET./TERR	IPSWICH	SUFFOLK	230	Thu	24/05/07	0.296	0.213	0.509	2.48
16	CB-03-A-04	SEMI DETACHED	WORKINGTON	CUMBRIA	82	Fri	24/04/09	0.354	0.207	0.561	1.74
17	WM-03-A-01	TERRACED	COVENTRY	WEST MIDLANDS	79	Fri	03/02/06	0.380	0.203	0.583	0.96
18	SH-03-A-03	DETACHED	SHREWSBURY	SHROPSHIRE	10	Fri	26/06/09	0.300	0.200	0.500	3.00
19	SC-03-A-04	DETACHED & TER	BYFLEET	SURREY	71	Thu	23/01/14	0.254	0.197	0.451	2.49
20	CH-03-A-02	HOUSES/FLATS	CREWE	CHESHIRE	174	Tue	14/10/08	0.293	0.195	0.488	2.81
21	LN-03-A-01	MIXED HOUSES	LINCOLN	LINCOLNSHIRE	150	Tue	15/05/07	0.267	0.193	0.460	4.91
22	CW-03-A-02	SEMI D./DETATC	TRURO	CORNWALL	73	Tue	18/09/07	0.370	0.192	0.562	3.73
23	TW-03-A-02	SEMI-DETACHED	GATESHEAD	TYNE & WEAR	16	Mon	07/10/13	0.125	0.188	0.313	2.38
24	NT-03-A-03	SEMI DETACHED	KIRKBY-IN-ASHFIELD	NOTTINGHAMSHIRE	166	Wed	28/06/06	0.265	0.187	0.452	1.61
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26	CH-03-A-05	DETACHED	CREWE	CHESHIRE	17	Tue	14/10/08	0.412	0.176	0.588	3.71
27	WL-03-A-01	SEMI D./TERRAC	WOOTTON BASSETT	WILTSHIRE	99	Mon	02/10/06	0.242	0.172	0.414	2.12
28	NY-03-A-10	HOUSES AND FLA	RIPON	NORTH YORKSHIRE	71	Tue	17/09/13	0.310	0.169	0.479	0.83
29	WK-03-A-01	TERRACED/SEMI/	LEAMINGTON SPA	WARWICKSHIRE	6	Fri	21/10/11	0.167	0.167	0.334	2.00
30	WM-03-A-03	MIXED HOUSING	COVENTRY	WEST MIDLANDS	84	Mon	24/09/07	0.321	0.155	0.476	2.60
31	NY-03-A-09	MIXED HOUSING	NORTHALLERTON	NORTH YORKSHIRE	52	Mon	16/09/13	0.173	0.154	0.327	2.60
32	SH-03-A-05	SEMI-DETACHED/	TELFORD	SHROPSHIRE	54	Thu	24/10/13	0.333	0.148	0.481	1.17

Rank	Site-Ref	Description	Town/City	Area	DWELLS	Day	Date	Trip Rate (Sorted by Departures)			Park Spaces Per Dwelling
								Arrivals	Departures	Totals	
33	NY-03-A-03	PRIVATE HOUSIN	BOROUGHBRIDGE	NORTH YORKSHIRE	14	Mon	15/09/08	0.214	0.143	0.357	3.14
34	GM-03-A-10	DETACHED/SEMI	MANCHESTER	GREATER MANCHESTER	29	Wed	12/10/11	0.448	0.138	0.586	2.79
35	LN-03-A-03	SEMI DETACHED	LINCOLN	LINCOLNSHIRE	22	Tue	18/09/12	0.182	0.136	0.318	1.09
36	MS-03-A-03	DETACHED	LIVERPOOL	MERSEYSIDE	15	Fri	21/06/13	0.267	0.133	0.400	3.00
37	SH-03-A-04	TERRACED	SHREWSBURY	SHROPSHIRE	108	Thu	11/06/09	0.259	0.130	0.389	1.86
38	CH-03-A-06	SEMI-DET./BUNG	CREWE	CHESHIRE	129	Tue	14/10/08	0.240	0.124	0.364	2.59
39	NY-03-A-06	BUNGALOWS & SE	BOROUGHBRIDGE	NORTH YORKSHIRE	115	Fri	14/10/11	0.252	0.122	0.374	3.50
40	SF-03-A-01	SEMI DETACHED	IPSWICH	SUFFOLK	77	Wed	23/05/07	0.286	0.117	0.403	2.22
41	NY-03-A-08	TERRACED HOUSE	YORK	NORTH YORKSHIRE	21	Mon	16/09/13	0.190	0.095	0.285	1.14
42	NY-03-A-11	PRIVATE HOUSIN	BOROUGHBRIDGE	NORTH YORKSHIRE	23	Wed	18/09/13	0.261	0.087	0.348	6.26
43	WK-03-A-02	BUNGALOWS	COVENTRY	WARWICKSHIRE	17	Thu	17/10/13	0.000	0.059	0.059	2.06
44	SY-03-A-01	SEMI DETACHED	DONCASTER	SOUTH YORKSHIRE	54	Wed	18/09/13	0.130	0.056	0.186	1.13
45	ES-03-A-02	PRIVATE HOUSIN	PEACEHAVEN	EAST SUSSEX	37	Fri	18/11/11	0.297	0.000	0.297	1.59
46	CA-03-A-04	DETACHED	PETERBOROUGH	CAMBRIDGESHIRE	9	Tue	18/10/11	0.222	0.000	0.222	2.44

This section displays actual (not average) trip rates for each of the survey days in the selected set, and ranks them in 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).

The table itself displays details of each individual survey, alongside arrivals, departures and totals trip rates, sorted by whichever of the three directional options has been chosen by the user. As with the preceding 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 individual survey day in the table is also displayed.

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

Ranking Type: ARRIVALS 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 Values

Arrivals: 0.402

Departures: 0.338

Totals: 0.740

Mean Values

Arrivals: 0.374

Departures: 0.199

Totals: 0.574

Rank	Site-Ref	Description	Town/City	Area	DWELLS	Day	Date	Trip Rate (Sorted by Arrivals)			Travel Plan
								Arrivals	Departures	Totals	
1	SH-03-A-03	DETACHED	SHREWSBURY	SHROPSHIRE	10	Fri	26/06/09	0.700	0.600	1.300	
2	NY-03-A-11	PRIVATE HOUSIN	BOROUGHBRIDGE	NORTH YORKSHIRE	23	Wed	18/09/13	0.609	0.130	0.739	
3	WO-03-A-03	DETACHED	KIDDERMINSTER	WORCESTERSHIRE	138	Fri	05/05/06	0.558	0.319	0.877	
4	CA-03-A-04	DETACHED	PETERBOROUGH	CAMBRIDGESHIRE	9	Tue	18/10/11	0.556	0.222	0.778	
5	CH-03-A-08	DETACHED	CHESTER	CHESHIRE	11	Tue	22/05/12	0.545	0.273	0.818	
6	SF-03-A-03	MIXED HOUSES	BURY ST EDMUNDS	SUFFOLK	101	Mon	15/05/06	0.525	0.228	0.753	
7	DC-03-A-01	DETACHED	POOLE	DORSET	51	Wed	16/07/08	0.510	0.333	0.843	
8	LN-03-A-02	MIXED HOUSES	LINCOLN	LINCOLNSHIRE	186	Mon	14/05/07	0.495	0.355	0.850	
9	NY-03-A-10	HOUSES AND FLA	RIPON	NORTH YORKSHIRE	71	Tue	17/09/13	0.479	0.099	0.578	
10	NY-03-A-07	DETACHED & SEM	BOROUGHBRIDGE	NORTH YORKSHIRE	23	Tue	18/10/11	0.478	0.261	0.739	
11	SF-03-A-02	SEMI DET./TERR	IPSWICH	SUFFOLK	230	Thu	24/05/07	0.478	0.248	0.726	
12	CB-03-A-03	SEMI DETACHED	WORKINGTON	CUMBRIA	40	Thu	20/11/08	0.475	0.250	0.725	
13	SH-03-A-04	TERRACED	SHREWSBURY	SHROPSHIRE	108	Thu	11/06/09	0.463	0.296	0.759	
14	WO-03-A-02	SEMI DETACHED	REDDITCH	WORCESTERSHIRE	48	Tue	02/05/06	0.458	0.229	0.687	
15	GM-03-A-10	DETACHED/SEMI	MANCHESTER	GREATER MANCHESTER	29	Wed	12/10/11	0.448	0.103	0.551	
16	EX-03-A-01	SEMI-DET.	STANFORD-LE-HOPE	ESSEX	237	Tue	13/05/08	0.439	0.274	0.713	
17	TW-03-A-02	SEMI-DETACHED	GATESHEAD	TYNE & WEAR	16	Mon	07/10/13	0.438	0.063	0.500	
18	SF-03-A-04	DETACHED & BUN	LOWESTOFT	SUFFOLK	7	Tue	23/10/12	0.429	0.143	0.572	
19	CW-03-A-02	SEMI D./DETATC	TRURO	CORNWALL	73	Tue	18/09/07	0.425	0.219	0.644	
20	LC-03-A-30	SEMI-DETACHED	BLACKPOOL	LANCASHIRE	24	Fri	14/06/13	0.417	0.208	0.625	
21	LN-03-A-01	MIXED HOUSES	LINCOLN	LINCOLNSHIRE	150	Tue	15/05/07	0.413	0.213	0.626	
22	NF-03-A-01	SEMI DET. & BU	CAISTER-ON-SEA	NORFOLK	27	Tue	16/10/12	0.407	0.148	0.555	
23	WM-03-A-03	MIXED HOUSING	COVENTRY	WEST MIDLANDS	84	Mon	24/09/07	0.405	0.369	0.774	
24	NT-03-A-03	SEMI DETACHED	KIRKBY-IN-ASHFIELD	NOTTINGHAMSHIRE	166	Wed	28/06/06	0.398	0.307	0.705	
25	WL-03-A-01	SEMI D./TERRAC	WOOTTON BASSETT	WILTSHIRE	99	Mon	02/10/06	0.374	0.141	0.515	
26	SC-03-A-04	DETACHED & TER	BYFLEET	SURREY	71	Thu	23/01/14	0.366	0.099	0.465	
27	CB-03-A-04	SEMI DETACHED	WORKINGTON	CUMBRIA	82	Fri	24/04/09	0.354	0.207	0.561	
28	CH-03-A-05	DETACHED	CREWE	CHESHIRE	17	Tue	14/10/08	0.353	0.412	0.765	
29	ES-03-A-02	PRIVATE HOUSIN	PEACEHAVEN	EAST SUSSEX	37	Fri	18/11/11	0.351	0.000	0.351	Yes
30	WM-03-A-01	TERRACED	COVENTRY	WEST MIDLANDS	79	Fri	03/02/06	0.342	0.203	0.545	
31	CH-03-A-02	HOUSES/FLATS	CREWE	CHESHIRE	174	Tue	14/10/08	0.322	0.236	0.558	
32	NY-03-A-06	BUNGALOWS & SE	BOROUGHBRIDGE	NORTH YORKSHIRE	115	Fri	14/10/11	0.296	0.174	0.470	

Rank	Site-Ref	Description	Town/City	Area	DWELLS	Day	Date	Trip Rate (Sorted by Arrivals)			Travel Plan
								Arrivals	Departures	Totals	
33	ST-03-A-05	TERRACED & DET	STOKE-ON-TRENT	STAFFORDSHIRE	14	Wed	26/11/08	0.286	0.214	0.500	
34	NY-03-A-08	TERRACED HOUSE	YORK	NORTH YORKSHIRE	21	Mon	16/09/13	0.286	0.048	0.334	
35	SY-03-A-01	SEMI DETACHED	DONCASTER	SOUTH YORKSHIRE	54	Wed	18/09/13	0.278	0.056	0.334	
36	LN-03-A-03	SEMI DETACHED	LINCOLN	LINCOLNSHIRE	22	Tue	18/09/12	0.273	0.045	0.318	
37	NY-03-A-09	MIXED HOUSING	NORTHALLERTON	NORTH YORKSHIRE	52	Mon	16/09/13	0.269	0.192	0.461	
38	SF-03-A-01	SEMI DETACHED	IPSWICH	SUFFOLK	77	Wed	23/05/07	0.247	0.169	0.416	
39	SH-03-A-05	SEMI -DETACHED/	TELFORD	SHROPSHIRE	54	Thu	24/10/13	0.241	0.130	0.371	
40	NF-03-A-02	HOUSES & FLATS	NORWICH	NORFOLK	98	Mon	22/10/12	0.235	0.143	0.378	
41	NY-03-A-03	PRIVATE HOUSIN	BOROUGHBRIDGE	NORTH YORKSHIRE	14	Mon	15/09/08	0.214	0.143	0.357	
42	MS-03-A-03	DETACHED	LIVERPOOL	MERSEYSIDE	15	Fri	21/06/13	0.200	0.200	0.400	
43	WK-03-A-01	TERRACED/SEMI/	LEAMINGTON SPA	WARWICKSHIRE	6	Fri	21/10/11	0.167	0.000	0.167	
44	CH-03-A-06	SEMI-DET./BUNG	CREWE	CHESHIRE	129	Tue	14/10/08	0.132	0.140	0.272	
45	WM-03-A-02	DETACHED & SEM	STOURBRIDGE	WEST MIDLANDS	12	Wed	26/04/06	0.083	0.333	0.416	
46	WK-03-A-02	BUNGALOWS	COVENTRY	WARWICKSHIRE	17	Thu	17/10/13	0.000	0.000	0.000	

This section displays actual (not average) trip rates for each of the survey days in the selected set, and ranks them in 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).

The table itself displays details of each individual survey, alongside arrivals, departures and totals trip rates, sorted by whichever of the three directional options has been chosen by the user. As with the preceding 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 individual survey day in the table is also displayed.

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

Ranking Type: DEPARTURES Time Range: 17:00-18:00

15th Percentile = No. 39 SC-03-A-04 Dep: 0.099

85th Percentile = No. 8 NT-03-A-03 Dep: 0.307

Median Values

Arrivals: 0.348

Departures: 0.205

Totals: 0.553

Mean Values

Arrivals: 0.374

Departures: 0.199

Totals: 0.574

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

Rank	Site-Ref	Description	Town/City	Area	DWELLS	Day	Date	Trip Rate (Sorted by Departures)			Travel Plan
								Arrivals	Departures	Totals	
33	WL-03-A-01	SEMI D./TERRAC	WOOTTON BASSETT	WILTSHIRE	99	Mon	02/10/06	0.374	0.141	0.515	
34	CH-03-A-06	SEMI-DET./BUNG	CREWE	CHESHIRE	129	Tue	14/10/08	0.132	0.140	0.272	
35	NY-03-A-11	PRIVATE HOUSIN	BOROUGHBRIDGE	NORTH YORKSHIRE	23	Wed	18/09/13	0.609	0.130	0.739	
36	SH-03-A-05	SEMI-DETACHED/	TELFORD	SHROPSHIRE	54	Thu	24/10/13	0.241	0.130	0.371	
37	GM-03-A-10	DETACHED/SEMI	MANCHESTER	GREATER MANCHESTER	29	Wed	12/10/11	0.448	0.103	0.551	
38	NY-03-A-10	HOUSES AND FLA	RIPON	NORTH YORKSHIRE	71	Tue	17/09/13	0.479	0.099	0.578	
39	SC-03-A-04	DETACHED & TER	BYFLEET	SURREY	71	Thu	23/01/14	0.366	0.099	0.465	
40	TW-03-A-02	SEMI-DETACHED	GATESHEAD	TYNE & WEAR	16	Mon	07/10/13	0.438	0.063	0.500	
41	SY-03-A-01	SEMI DETACHED	DONCASTER	SOUTH YORKSHIRE	54	Wed	18/09/13	0.278	0.056	0.334	
42	NY-03-A-08	TERRACED HOUSE	YORK	NORTH YORKSHIRE	21	Mon	16/09/13	0.286	0.048	0.334	
43	LN-03-A-03	SEMI DETACHED	LINCOLN	LINCOLNSHIRE	22	Tue	18/09/12	0.273	0.045	0.318	
44	ES-03-A-02	PRIVATE HOUSIN	PEACEHAVEN	EAST SUSSEX	37	Fri	18/11/11	0.351	0.000	0.351	Yes
45	WK-03-A-01	TERRACED/SEMI/	LEAMINGTON SPA	WARWICKSHIRE	6	Fri	21/10/11	0.167	0.000	0.167	
46	WK-03-A-02	BUNGALOWS	COVENTRY	WARWICKSHIRE	17	Thu	17/10/13	0.000	0.000	0.000	

This section displays actual (not average) trip rates for each of the survey days in the selected set, and ranks them in 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).

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

VEHICLES

Ranking Type: **ARRIVALS** Time Range: 18:00-19:00

15th Percentile = No. **39** NY-03-A-06 Arr: 0.130

85th Percentile = No. **8** CH-03-A-08 Arr: 0.364

Median Values

Arrivals: 0.274

Departures: 0.238

Totals: 0.512

Mean Values

Arrivals: 0.250

Departures: 0.177

Totals: 0.427

Rank	Site-Ref	Description	Town/City	Area	DWELLS	Day	Date	Trip Rate (Sorted by Arrivals)			Park Spaces Per Dwelling
								Arrivals	Departures	Totals	
1	MS-03-A-03	DETACHED	LIVERPOOL	MERSEYSIDE	15	Fri	21/06/13	0.533	0.267	0.800	3.00
2	DC-03-A-01	DETACHED	POOLE	DORSET	51	Wed	16/07/08	0.471	0.255	0.726	3.00
3	TW-03-A-02	SEMI-DETACHED	GATESHEAD	TYNE & WEAR	16	Mon	07/10/13	0.438	0.500	0.938	2.38
4	NY-03-A-11	PRIVATE HOUSIN	BOROUGHBRIDGE	NORTH YORKSHIRE	23	Wed	18/09/13	0.435	0.174	0.609	6.26
5	WM-03-A-03	MIXED HOUSING	COVENTRY	WEST MIDLANDS	84	Mon	24/09/07	0.417	0.274	0.691	2.60
6	WO-03-A-03	DETACHED	KIDDERMINSTER	WORCESTERSHIRE	138	Fri	05/05/06	0.406	0.362	0.768	3.14
7	WM-03-A-01	TERRACED	COVENTRY	WEST MIDLANDS	79	Fri	03/02/06	0.367	0.177	0.544	0.96
8	CH-03-A-08	DETACHED	CHESTER	CHESHIRE	11	Tue	22/05/12	0.364	0.182	0.546	4.73
9	SF-03-A-02	SEMI DET./TERR	IPSWICH	SUFFOLK	230	Thu	24/05/07	0.361	0.300	0.661	2.48
10	NY-03-A-07	DETACHED & SEM	BOROUGHBRIDGE	NORTH YORKSHIRE	23	Tue	18/10/11	0.348	0.130	0.478	1.96
11	WK-03-A-01	TERRACED/SEMI/	LEAMINGTON SPA	WARWICKSHIRE	6	Fri	21/10/11	0.333	0.167	0.500	2.00
12	CB-03-A-04	SEMI DETACHED	WORKINGTON	CUMBRIA	82	Fri	24/04/09	0.317	0.232	0.549	1.74
13	SF-03-A-01	SEMI DETACHED	IPSWICH	SUFFOLK	77	Wed	23/05/07	0.312	0.234	0.546	2.22
14	CB-03-A-03	SEMI DETACHED	WORKINGTON	CUMBRIA	40	Thu	20/11/08	0.300	0.150	0.450	3.10
15	NF-03-A-01	SEMI DET. & BU	CAISTER-ON-SEA	NORFOLK	27	Tue	16/10/12	0.296	0.333	0.629	2.37
16	SH-03-A-05	SEMI-DETACHED/	TELFORD	SHROPSHIRE	54	Thu	24/10/13	0.296	0.111	0.407	1.17
17	CH-03-A-05	DETACHED	CREWE	CHESHIRE	17	Tue	14/10/08	0.294	0.294	0.588	3.71
18	CH-03-A-02	HOUSES/FLATS	CREWE	CHESHIRE	174	Tue	14/10/08	0.293	0.184	0.477	2.81
19	LC-03-A-30	SEMI-DETACHED	BLACKPOOL	LANCASHIRE	24	Fri	14/06/13	0.292	0.208	0.500	1.67
20	CW-03-A-02	SEMI D./DETATC	TRURO	CORNWALL	73	Tue	18/09/07	0.288	0.192	0.480	3.73
21	EX-03-A-01	SEMI-DET.	STANFORD-LE-HOPE	ESSEX	237	Tue	13/05/08	0.287	0.194	0.481	2.53
22	LN-03-A-02	MIXED HOUSES	LINCOLN	LINCOLNSHIRE	186	Mon	14/05/07	0.280	0.317	0.597	4.13
23	NT-03-A-03	SEMI DETACHED	KIRKBY-IN-ASHFIELD	NOTTINGHAMSHIRE	166	Wed	28/06/06	0.277	0.289	0.566	1.61
24	WO-03-A-02	SEMI DETACHED	REDDITCH	WORCESTERSHIRE	48	Tue	02/05/06	0.271	0.188	0.459	3.35
25	NY-03-A-10	HOUSES AND FLA	RIPON	NORTH YORKSHIRE	71	Tue	17/09/13	0.254	0.183	0.437	0.83
26	LN-03-A-01	MIXED HOUSES	LINCOLN	LINCOLNSHIRE	150	Tue	15/05/07	0.220	0.180	0.400	4.91
27	SC-03-A-04	DETACHED & TER	BYFLEET	SURREY	71	Thu	23/01/14	0.211	0.085	0.296	2.49
28	NF-03-A-02	HOUSES & FLATS	NORWICH	NORFOLK	98	Mon	22/10/12	0.204	0.163	0.367	2.24
29	WL-03-A-01	SEMI D./TERRAC	WOOTTON BASSETT	WILTSHIRE	99	Mon	02/10/06	0.202	0.182	0.384	2.12
30	SH-03-A-04	TERRACED	SHREWSBURY	SHROPSHIRE	108	Thu	11/06/09	0.194	0.167	0.361	1.86
31	SF-03-A-03	MIXED HOUSES	BURY ST EDMUNDS	SUFFOLK	101	Mon	15/05/06	0.188	0.208	0.396	4.34
32	LN-03-A-03	SEMI DETACHED	LINCOLN	LINCOLNSHIRE	22	Tue	18/09/12	0.182	0.045	0.227	1.09

Rank	Site-Ref	Description	Town/City	Area	DWELLS	Day	Date	Trip Rate (Sorted by Arrivals)			Park Spaces Per Dwelling
								Arrivals	Departures	Totals	
33	WM-03-A-02	DETACHED & SEM	STOURBRIDGE	WEST MIDLANDS	12	Wed	26/04/06	0.167	0.250	0.417	2.67
34	SY-03-A-01	SEMI DETACHED	DONCASTER	SOUTH YORKSHIRE	54	Wed	18/09/13	0.167	0.074	0.241	1.13
35	SF-03-A-04	DETACHED & BUN	LOWESTOFT	SUFFOLK	7	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	0.000	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	BUNGALOWS & SE	BOROUGHBRIDGE	NORTH YORKSHIRE	115	Fri	14/10/11	0.130	0.113	0.243	3.50
40	CA-03-A-04	DETACHED	PETERBOROUGH	CAMBRIDGESHIRE	9	Tue	18/10/11	0.111	0.000	0.111	2.44
41	ES-03-A-02	PRIVATE HOUSIN	PEACEHAVEN	EAST SUSSEX	37	Fri	18/11/11	0.108	0.054	0.162	1.59
42	SH-03-A-03	DETACHED	SHREWSBURY	SHROPSHIRE	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	0.096	0.058	0.154	2.60
44	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	PRIVATE HOUSIN	BOROUGHBRIDGE	NORTH YORKSHIRE	14	Mon	15/09/08	0.071	0.000	0.071	3.14
46	WK-03-A-02	BUNGALOWS	COVENTRY	WARWICKSHIRE	17	Thu	17/10/13	0.000	0.000	0.000	2.06

This section displays actual (not average) trip rates for each of the survey days in the selected set, and ranks them in 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).

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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 Values

Arrivals: 0.211

Departures: 0.181

Totals: 0.392

Mean Values

Arrivals: 0.250

Departures: 0.177

Totals: 0.427

Rank	Site-Ref	Description	Town/City	Area	DWELLS	Day	Date	Trip Rate (Sorted by Departures)			Park Spaces Per Dwelling
								Arrivals	Departures	Totals	
1	TW-03-A-02	SEMI-DETACHED	GATESHEAD	TYNE & WEAR	16	Mon	07/10/13	0.438	0.500	0.938	2.38
2	WO-03-A-03	DETACHED	KIDDERMINSTER	WORCESTERSHIRE	138	Fri	05/05/06	0.406	0.362	0.768	3.14
3	NF-03-A-01	SEMI DET. & BU	CAISTER-ON-SEA	NORFOLK	27	Tue	16/10/12	0.296	0.333	0.629	2.37
4	LN-03-A-02	MIXED HOUSES	LINCOLN	LINCOLNSHIRE	186	Mon	14/05/07	0.280	0.317	0.597	4.13
5	SF-03-A-02	SEMI DET./TERR	IPSWICH	SUFFOLK	230	Thu	24/05/07	0.361	0.300	0.661	2.48
6	CH-03-A-05	DETACHED	CREWE	CHESHIRE	17	Tue	14/10/08	0.294	0.294	0.588	3.71
7	NT-03-A-03	SEMI DETACHED	KIRKBY-IN-ASHFIELD	NOTTINGHAMSHIRE	166	Wed	28/06/06	0.277	0.289	0.566	1.61
8	WM-03-A-03	MIXED HOUSING	COVENTRY	WEST MIDLANDS	84	Mon	24/09/07	0.417	0.274	0.691	2.60
9	MS-03-A-03	DETACHED	LIVERPOOL	MERSEYSIDE	15	Fri	21/06/13	0.533	0.267	0.800	3.00
10	DC-03-A-01	DETACHED	POOLE	DORSET	51	Wed	16/07/08	0.471	0.255	0.726	3.00
11	WM-03-A-02	DETACHED & SEM	STOURBRIDGE	WEST MIDLANDS	12	Wed	26/04/06	0.167	0.250	0.417	2.67
12	SF-03-A-01	SEMI DETACHED	IPSWICH	SUFFOLK	77	Wed	23/05/07	0.312	0.234	0.546	2.22
13	CB-03-A-04	SEMI DETACHED	WORKINGTON	CUMBRIA	82	Fri	24/04/09	0.317	0.232	0.549	1.74
14	LC-03-A-30	SEMI-DETACHED	BLACKPOOL	LANCASHIRE	24	Fri	14/06/13	0.292	0.208	0.500	1.67
15	SF-03-A-03	MIXED HOUSES	BURY ST EDMUNDS	SUFFOLK	101	Mon	15/05/06	0.188	0.208	0.396	4.34
16	SH-03-A-03	DETACHED	SHREWSBURY	SHROPSHIRE	10	Fri	26/06/09	0.100	0.200	0.300	3.00
17	EX-03-A-01	SEMI-DET.	STANFORD-LE-HOPE	ESSEX	237	Tue	13/05/08	0.287	0.194	0.481	2.53
18	CW-03-A-02	SEMI D./DETATC	TRURO	CORNWALL	73	Tue	18/09/07	0.288	0.192	0.480	3.73
19	WO-03-A-02	SEMI DETACHED	REDDITCH	WORCESTERSHIRE	48	Tue	02/05/06	0.271	0.188	0.459	3.35
20	CH-03-A-02	HOUSES/FLATS	CREWE	CHESHIRE	174	Tue	14/10/08	0.293	0.184	0.477	2.81
21	NY-03-A-10	HOUSES AND FLA	RIPON	NORTH YORKSHIRE	71	Tue	17/09/13	0.254	0.183	0.437	0.83
22	CH-03-A-08	DETACHED	CHESTER	CHESHIRE	11	Tue	22/05/12	0.364	0.182	0.546	4.73
23	WL-03-A-01	SEMI D./TERRAC	WOOTTON BASSETT	WILTSHIRE	99	Mon	02/10/06	0.202	0.182	0.384	2.12
24	LN-03-A-01	MIXED HOUSES	LINCOLN	LINCOLNSHIRE	150	Tue	15/05/07	0.220	0.180	0.400	4.91
25	WM-03-A-01	TERRACED	COVENTRY	WEST MIDLANDS	79	Fri	03/02/06	0.367	0.177	0.544	0.96
26	NY-03-A-11	PRIVATE HOUSIN	BOROUGHBRIDGE	NORTH YORKSHIRE	23	Wed	18/09/13	0.435	0.174	0.609	6.26
27	WK-03-A-01	TERRACED/SEMI/	LEAMINGTON SPA	WARWICKSHIRE	6	Fri	21/10/11	0.333	0.167	0.500	2.00
28	SH-03-A-04	TERRACED	SHREWSBURY	SHROPSHIRE	108	Thu	11/06/09	0.194	0.167	0.361	1.86
29	NF-03-A-02	HOUSES & FLATS	NORWICH	NORFOLK	98	Mon	22/10/12	0.204	0.163	0.367	2.24
30	CB-03-A-03	SEMI DETACHED	WORKINGTON	CUMBRIA	40	Thu	20/11/08	0.300	0.150	0.450	3.10
31	SF-03-A-04	DETACHED & BUN	LOWESTOFT	SUFFOLK	7	Tue	23/10/12	0.143	0.143	0.286	4.43
32	NY-03-A-08	TERRACED HOUSE	YORK	NORTH YORKSHIRE	21	Mon	16/09/13	0.143	0.143	0.286	1.14

Rank	Site-Ref	Description	Town/City	Area	DWELLS	Day	Date	Trip Rate (Sorted by Departures)			Park Spaces Per Dwelling
								Arrivals	Departures	Totals	
33	NY-03-A-07	DETACHED & SEM	BOROUGHBRIDGE	NORTH YORKSHIRE	23	Tue	18/10/11	0.348	0.130	0.478	1.96
34	NY-03-A-06	BUNGALOWS & SE	BOROUGHBRIDGE	NORTH YORKSHIRE	115	Fri	14/10/11	0.130	0.113	0.243	3.50
35	SH-03-A-05	SEMI-DETACHED/	TELFORD	SHROPSHIRE	54	Thu	24/10/13	0.296	0.111	0.407	1.17
36	CH-03-A-06	SEMI-DET./BUNG	CREWE	CHESHIRE	129	Tue	14/10/08	0.132	0.101	0.233	2.59
37	SC-03-A-04	DETACHED & TER	BYFLEET	SURREY	71	Thu	23/01/14	0.211	0.085	0.296	2.49
38	SY-03-A-01	SEMI DETACHED	DONCASTER	SOUTH YORKSHIRE	54	Wed	18/09/13	0.167	0.074	0.241	1.13
39	ST-03-A-05	TERRACED & DET	STOKE-ON-TRENT	STAFFORDSHIRE	14	Wed	26/11/08	0.071	0.071	0.142	2.86
40	NY-03-A-09	MIXED HOUSING	NORTHALLERTON	NORTH YORKSHIRE	52	Mon	16/09/13	0.096	0.058	0.154	2.60
41	ES-03-A-02	PRIVATE HOUSIN	PEACEHAVEN	EAST SUSSEX	37	Fri	18/11/11	0.108	0.054	0.162	1.59
42	LN-03-A-03	SEMI DETACHED	LINCOLN	LINCOLNSHIRE	22	Tue	18/09/12	0.182	0.045	0.227	1.09
43	GM-03-A-10	DETACHED/SEMI	MANCHESTER	GREATER MANCHESTER	29	Wed	12/10/11	0.138	0.000	0.138	2.79
44	CA-03-A-04	DETACHED	PETERBOROUGH	CAMBRIDGESHIRE	9	Tue	18/10/11	0.111	0.000	0.111	2.44
45	NY-03-A-03	PRIVATE HOUSIN	BOROUGHBRIDGE	NORTH YORKSHIRE	14	Mon	15/09/08	0.071	0.000	0.071	3.14
46	WK-03-A-02	BUNGALOWS	COVENTRY	WARWICKSHIRE	17	Thu	17/10/13	0.000	0.000	0.000	2.06

This section displays actual (not average) trip rates for each of the survey days in the selected set, and ranks them in 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).

The table itself displays details of each individual survey, alongside arrivals, departures and totals trip rates, sorted by whichever of the three directional options has been chosen by the user. As with the preceding 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 individual survey day in the table is also displayed.

Appendix 3

Care Home Trip Rates

Calculation Reference: AUDIT-355901-160321-0351

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 05 - HEALTH
Category : F - CARE HOME (ELDERLY RESIDENTIAL)

MULTI-MODAL VEHICLES

Selected regions and areas:

03 SOUTH WEST	
DC DORSET	1 days
06 WEST MIDLANDS	
WK WARWICKSHIRE	1 days
07 YORKSHIRE & 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: 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.

Selected survey days:

Tuesday	1 days
Wednesday	1 days
Thursday	1 days

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

Selected survey types:

Manual count	3 days
Directional ATC Count	0 days

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

Selected Locations:

Suburban Area (PPS6 Out of Centre)	3
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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
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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:

C2 3 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 1 days
20,001 to 25,000 1 days
25,001 to 50,000 1 days

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

Population within 5 miles:

75,001 to 100,000 1 days
250,001 to 500,000 1 days
500,001 or More 1 days

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

Car ownership within 5 miles:

0.6 to 1.0 2 days
1.1 to 1.5 1 days

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

Travel Plan:

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.

LIST OF SITES relevant to selection parameters

1	DC-05-F-02	NURSING HOME		DORSET
	WHARNCLIFFE ROAD			
	BOSCOMBE			
	BOURNEMOUTH			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of residents:	43		
	Survey date: WEDNESDAY	16/07/08		Survey Type: MANUAL
2	WK-05-F-01	NURSING HOME		WARWICKSHIRE
	CLARENDON SQUARE			
	LEAMINGTON SPA			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of residents:	32		
	Survey date: THURSDAY	25/10/12		Survey Type: MANUAL
3	WY-05-F-01	NURSING HOME		WEST YORKSHIRE
	CLIFF ROAD			
	HYDE PARK			
	LEEDS			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of residents:	58		
	Survey date: TUESDAY	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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 05 - HEALTH/F - CARE HOME (ELDERLY RESIDENTIAL)

MULTI-MODAL TAXIS

Calculation factor: 1 RESIDE

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 05 - HEALTH/F - CARE HOME (ELDERLY RESIDENTIAL)

MULTI-MODAL OGVS

Calculation factor: 1 RESIDE

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 05 - HEALTH/F - CARE HOME (ELDERLY RESIDENTIAL)

MULTI-MODAL PSVS

Calculation factor: 1 RESIDE

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 05 - HEALTH/F - CARE HOME (ELDERLY RESIDENTIAL)

MULTI-MODAL CYCLISTS

Calculation factor: 1 RESIDE

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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			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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 05 - HEALTH/F - CARE HOME (ELDERLY RESIDENTIAL)

MULTI-MODAL VEHICLE OCCUPANTS

Calculation factor: 1 RESIDE

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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 - 24/10/13
 Number of weekdays (Monday-Friday): 3
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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 - 24/10/13
 Number of weekdays (Monday-Friday): 3
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 05 - HEALTH/F - CARE HOME (ELDERLY RESIDENTIAL)

MULTI-MODAL BUS/TRAM PASSENGERS

Calculation factor: 1 RESIDE

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 05 - HEALTH/F - CARE HOME (ELDERLY RESIDENTIAL)

MULTI-MODAL TOTAL RAIL PASSENGERS

Calculation factor: 1 RESIDE

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 05 - HEALTH/F - CARE HOME (ELDERLY RESIDENTIAL)

MULTI-MODAL COACH PASSENGERS

Calculation factor: 1 RESIDE

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 05 - HEALTH/F - CARE HOME (ELDERLY RESIDENTIAL)

MULTI-MODAL PUBLIC TRANSPORT USERS

Calculation factor: 1 RESIDE

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 05 - HEALTH/F - CARE HOME (ELDERLY RESIDENTIAL)

MULTI-MODAL TOTAL PEOPLE

Calculation factor: 1 RESIDE

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

Highgate *Transportation*

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

March 2016

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Appendices

Appendix 1	Extract from AECOM Technical Note on Omega Trip Rates (26/10/15)
Appendix 2	TRICS Data for Employment Trip Rates – Industrial Units
Appendix 3	TRICS Data for Employment Trip Rates – Industrial Estates
Appendix 4	TRICS Data for Neighbourhood Centre Trip Rates – Food Store
Appendix 5	TRICS Data for Neighbourhood Centre Trip Rates – Local Shops
Appendix 6	TRICS Data for Neighbourhood Centre Trip Rates – Pub/Restaurant
Appendix 7	TRICS Data for Primary School Trip Rates

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 Traffic	AM Peak Hour		PM Peak Hour	
	Arrival	Departure	Arrival	Departure
85 th 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 **Table 2.1** 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.

Table 3.1 – Care Home Vehicular Trip Rates and Generation Summary

Development Traffic	AM Peak Hour		PM Peak Hour	
	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

- 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, 85th 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**.

Table 4.1 – Employment Vehicular Trip Rates and Generation Summary

Development Traffic	AM Peak Hour		PM Peak Hour	
	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

- 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 Traffic	AM Peak Hour		PM Peak Hour	
	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, 85th 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.

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

Development Traffic	AM Peak Hour		PM Peak Hour	
	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

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, 85th percentile data was not reliable and so the average dataset has been used. The TRICS data is also contained in **Appendix 4**.

Table 5.2 – Food Store Vehicular Trip Rate and Generation Summary

Development Traffic	AM Peak Hour		PM Peak Hour	
	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

- 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**.

Table 5.3 – Local Centre Vehicular Trip Rate and Generation Summary

Development Traffic	AM Peak Hour		PM Peak Hour	
	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

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**.

Table 5.4 – Family Pub/Restaurant Vehicular Trip Rate and Generation Summary

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

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**.

Table 6.1 – Primary School Vehicular Trip Rate and Generation Summary

Development Traffic	AM Peak Hour		PM Peak Hour	
	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
<i>External Primary School Trips (60 pupils)</i>	16	11	3	4

- 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 on-site 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.

Table 9.1 – Peel Hall Vehicular Trip Generation Summary

Development Traffic	AM Peak Hour		PM Peak Hour	
	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

Trip Generation and Distribution Extract.

(From note produced on 26th 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**.

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

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

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**.

Table 3: Discount Food Store Trip Rates and Generation, utilised by AECOM in the VISSIM model

Trip Rates	AM Peak		PM Peak	
	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**.

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

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

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

30% of Development Traffic	Attraction %	Zones in VISSIM
Zone 604 in VISSIM (Development Zone)	25%	13
	25%	14
	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	
	Arrivals	Departures	Arrivals	Departures
Mode Vehicles				
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 Peak	
	Arrivals	Departures	Arrivals	Departures
Mode Vehicles				
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 to distribute 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.

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

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

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 27th 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:

$$((57.1\% * \text{Original Traffic O/D Value}) + (42.9\% * \text{Original Traffic O/D Value} * \text{Net Trip Reduction Percentage}))$$

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**.

Table 13: Peak Hour Traffic 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

Calculation Reference: AUDIT-355901-160310-0315

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	SOUTH 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.

Selected survey days:

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 undertaken 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.

Selected Location Sub Categories:

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.

Filtering Stage 3 selection:

Use Class:

B1 2 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 1 mile:

10,001 to 15,000 1 days

25,001 to 50,000 1 days

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

Population within 5 miles:

125,001 to 250,000 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 1 days

1.1 to 1.5 1 days

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

Travel Plan:

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.

LIST OF SITES relevant to selection parameters

- | | | |
|---|---|--|
| 1 | HF-02-C-01 INDUSTRIAL UNIT
BRIDGE ROAD EAST

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

Survey Type: MANUAL |
| 2 | WM-02-C-03 INDUSTRIAL GLASS
DOWNING STREET

SMETHWICK
Edge of Town
Industrial Zone
Total Gross floor area: 5070 sqm
Survey date: TUESDAY 06/11/12 | WEST MIDLANDS

Survey Type: MANUAL |

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

MANUALLY DESELECTED SITES

Site Ref	Reason for Deselection
BR-02-C-01	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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	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.

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:	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

MULTI-MODAL OGVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	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	0.029	2	3435	0.029	2	3435	0.058
08:30 - 09:00	2	3435	0.044	2	3435	0.044	2	3435	0.088
09:00 - 09:30	2	3435	0.000	2	3435	0.000	2	3435	0.000
09:30 - 10:00	2	3435	0.029	2	3435	0.000	2	3435	0.029
10:00 - 10:30	2	3435	0.015	2	3435	0.044	2	3435	0.059
10:30 - 11:00	2	3435	0.015	2	3435	0.015	2	3435	0.030
11:00 - 11:30	2	3435	0.015	2	3435	0.015	2	3435	0.030
11:30 - 12:00	2	3435	0.029	2	3435	0.015	2	3435	0.044
12:00 - 12:30	2	3435	0.000	2	3435	0.029	2	3435	0.029
12:30 - 13:00	2	3435	0.015	2	3435	0.000	2	3435	0.015
13:00 - 13:30	2	3435	0.015	2	3435	0.029	2	3435	0.044
13:30 - 14:00	2	3435	0.000	2	3435	0.015	2	3435	0.015
14:00 - 14:30	2	3435	0.015	2	3435	0.000	2	3435	0.015
14:30 - 15:00	2	3435	0.015	2	3435	0.015	2	3435	0.030
15:00 - 15:30	2	3435	0.000	2	3435	0.015	2	3435	0.015
15:30 - 16:00	2	3435	0.015	2	3435	0.000	2	3435	0.015
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	0.015	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									
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.

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.

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

MULTI-MODAL CYCLISTS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	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	0.029
09:00 - 09:30	2	3435	0.000	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	0.015	2	3435	0.015
13:30 - 14:00	2	3435	0.015	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	0.029	2	3435	0.029
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:			0.044			0.044			0.088

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.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	2	3435	0.102	2	3435	0.000	2	3435	0.102
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	0.262	2	3435	0.102	2	3435	0.364
09:00 - 09:30	2	3435	0.364	2	3435	0.073	2	3435	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.

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.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	2	3435	0.000	2	3435	0.000	2	3435	0.000
07:30 - 08:00	2	3435	0.000	2	3435	0.015	2	3435	0.015
08:00 - 08:30	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	2	3435	0.029	2	3435	0.000	2	3435	0.029
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	0.015	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.

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.

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

MULTI-MODAL TOTAL PEOPLE

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	2	3435	0.102	2	3435	0.000	2	3435	0.102
07:30 - 08:00	2	3435	0.000	2	3435	0.015	2	3435	0.015
08:00 - 08:30	2	3435	0.087	2	3435	0.058	2	3435	0.145
08:30 - 09:00	2	3435	0.320	2	3435	0.102	2	3435	0.422
09:00 - 09:30	2	3435	0.393	2	3435	0.073	2	3435	0.466
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	0.102	2	3435	0.175
12:30 - 13:00	2	3435	0.058	2	3435	0.058	2	3435	0.116
13:00 - 13:30	2	3435	0.087	2	3435	0.160	2	3435	0.247
13:30 - 14:00	2	3435	0.116	2	3435	0.058	2	3435	0.174
14:00 - 14:30	2	3435	0.087	2	3435	0.087	2	3435	0.174
14:30 - 15:00	2	3435	0.015	2	3435	0.058	2	3435	0.073
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	0.116	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
18:30 - 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:			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.

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.

Appendix 3

TRICS Data for Employment Trip Rates – Industrial Estates

Calculation Reference: AUDIT-355901-160310-0318

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	SOUTH EAST	
	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 undertaken using machines.

Selected Locations:

Suburban Area (PPS6 Out of Centre)	4
------------------------------------	---

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	2
No Sub Category	2

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

Filtering Stage 3 selection:

Use Class:

B1 3 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:

20,001 to 25,000 1 days
25,001 to 50,000 2 days
50,001 to 100,000 1 days

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

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.

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 Total Gross floor area: 4300 sqm Survey date: TUESDAY 13/05/08	CAMBRIDGESHIRE Survey Type: MANUAL CAMBRIDGESHIRE
2	CA-02-D-03 IND. ESTATE SAVILLE ROAD WESTWOOD PETERBOROUGH Suburban Area (PPS6 Out of Centre) No Sub Category Total Gross floor area: 4425 sqm Survey date: THURSDAY 22/10/09	Survey Type: MANUAL CAMBRIDGESHIRE Survey Type: MANUAL CAMBRIDGESHIRE
3	CA-02-D-04 INDUSTRIAL ESTATE LINCOLN ROAD PETERBOROUGH Suburban Area (PPS6 Out of Centre) No Sub Category Total Gross floor area: 4133 sqm Survey date: TUESDAY 02/12/14	Survey Type: MANUAL CAMBRIDGESHIRE Survey Type: MANUAL CAMBRIDGESHIRE
4	ES-02-D-07 INDUSTRIAL ESTATE HUGHES ROAD BRIGHTON Suburban Area (PPS6 Out of Centre) Industrial Zone Total Gross floor area: 6625 sqm Survey date: THURSDAY 16/10/14	Survey Type: MANUAL EAST SUSSEX 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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	4	4871	0.175	4	4871	0.041	4	4871	0.216
07:30 - 08:00	4	4871	0.513	4	4871	0.123	4	4871	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									
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:			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.

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:	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

MULTI-MODAL TAXIS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	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									
Total Rates:			0.121			0.120			0.241

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.

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

MULTI-MODAL OGVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	4	4871	0.005	4	4871	0.005	4	4871	0.010
07:30 - 08:00	4	4871	0.021	4	4871	0.005	4	4871	0.026
08:00 - 08:30	4	4871	0.031	4	4871	0.026	4	4871	0.057
08:30 - 09:00	4	4871	0.036	4	4871	0.031	4	4871	0.067
09:00 - 09:30	4	4871	0.036	4	4871	0.041	4	4871	0.077
09:30 - 10:00	4	4871	0.046	4	4871	0.036	4	4871	0.082
10:00 - 10:30	4	4871	0.046	4	4871	0.031	4	4871	0.077
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.

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.

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

MULTI-MODAL PSVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	0.000	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.

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.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	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	0.010	4	4871	0.010
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	0.010	4	4871	0.010	4	4871	0.020
15:30 - 16:00	4	4871	0.000	4	4871	0.010	4	4871	0.010
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	4	4871	0.010	4	4871	0.015	4	4871	0.025
17:30 - 18:00	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
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:			0.050			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.

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.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	4	4871	0.205	4	4871	0.051	4	4871	0.256
07:30 - 08:00	4	4871	0.606	4	4871	0.159	4	4871	0.765
08:00 - 08:30	4	4871	0.595	4	4871	0.293	4	4871	0.888
08:30 - 09:00	4	4871	0.503	4	4871	0.328	4	4871	0.831
09:00 - 09:30	4	4871	0.416	4	4871	0.359	4	4871	0.775
09:30 - 10:00	4	4871	0.482	4	4871	0.334	4	4871	0.816
10:00 - 10:30	4	4871	0.411	4	4871	0.411	4	4871	0.822
10:30 - 11:00	4	4871	0.400	4	4871	0.436	4	4871	0.836
11:00 - 11:30	4	4871	0.452	4	4871	0.441	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	0.416	4	4871	0.775
12:30 - 13:00	4	4871	0.462	4	4871	0.359	4	4871	0.821
13:00 - 13:30	4	4871	0.375	4	4871	0.380	4	4871	0.755
13:30 - 14:00	4	4871	0.303	4	4871	0.272	4	4871	0.575
14:00 - 14:30	4	4871	0.313	4	4871	0.252	4	4871	0.565
14:30 - 15:00	4	4871	0.334	4	4871	0.385	4	4871	0.719
15:00 - 15:30	4	4871	0.318	4	4871	0.616	4	4871	0.934
15:30 - 16:00	4	4871	0.328	4	4871	0.390	4	4871	0.718
16:00 - 16:30	4	4871	0.277	4	4871	0.359	4	4871	0.636
16:30 - 17:00	4	4871	0.293	4	4871	0.441	4	4871	0.734
17:00 - 17:30	4	4871	0.282	4	4871	0.488	4	4871	0.770
17:30 - 18:00	4	4871	0.139	4	4871	0.334	4	4871	0.473
18:00 - 18:30	4	4871	0.092	4	4871	0.257	4	4871	0.349
18:30 - 19:00	4	4871	0.031	4	4871	0.062	4	4871	0.093
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:			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.

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.

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

MULTI-MODAL PEDESTRIANS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	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									
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

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.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	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	0.015
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	0.010	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	0.010
15:30 - 16:00	4	4871	0.000	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

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.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	4	4871	0.000	4	4871	0.000	4	4871	0.000
07:30 - 08:00	4	4871	0.005	4	4871	0.000	4	4871	0.005
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	0.015	4	4871	0.000	4	4871	0.015
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									
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

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.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	4	4871	0.015	4	4871	0.000	4	4871	0.015
07:30 - 08:00	4	4871	0.026	4	4871	0.000	4	4871	0.026
08:00 - 08:30	4	4871	0.041	4	4871	0.000	4	4871	0.041
08:30 - 09:00	4	4871	0.026	4	4871	0.000	4	4871	0.026
09:00 - 09:30	4	4871	0.015	4	4871	0.000	4	4871	0.015
09:30 - 10:00	4	4871	0.031	4	4871	0.000	4	4871	0.031
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	0.010
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	0.015
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	0.010	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	0.010
15:30 - 16:00	4	4871	0.000	4	4871	0.015	4	4871	0.015
16:00 - 16:30	4	4871	0.000	4	4871	0.026	4	4871	0.026
16:30 - 17:00	4	4871	0.000	4	4871	0.021	4	4871	0.021
17:00 - 17:30	4	4871	0.000	4	4871	0.051	4	4871	0.051
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	0.015	4	4871	0.015
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:			0.194			0.199			0.393

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.

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

MULTI-MODAL TOTAL PEOPLE

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	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	0.405	4	4871	0.416	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	0.267	4	4871	0.590
14:30 - 15:00	4	4871	0.339	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	0.313	4	4871	0.482	4	4871	0.795
17:00 - 17:30	4	4871	0.298	4	4871	0.631	4	4871	0.929
17:30 - 18:00	4	4871	0.139	4	4871	0.370	4	4871	0.509
18:00 - 18:30	4	4871	0.098	4	4871	0.272	4	4871	0.370
18:30 - 19:00	4	4871	0.036	4	4871	0.067	4	4871	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									
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.

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.

Appendix 4

TRICS Data for Neighbourhood Centre Trip Rates – Food Store

Calculation Reference: AUDIT-355901-160311-0301

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected 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 undertaken 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.

Filtering Stage 3 selection:

Use Class:

A1 4 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

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 stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

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

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.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

Calculation Reference: AUDIT-355901-160311-0313

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

03	SOUTH WEST	
	DV DEVON	1 days
05	EAST MIDLANDS	
	LE LEICESTERSHIRE	1 days
09	NORTH	
	CB 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.

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: Include all surveys

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.

Selected survey days:

Friday 3 days

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

Selected survey types:

Manual count 3 days
Directional ATC Count 0 days

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

Selected Locations:

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.

Filtering Stage 3 selection:

Use Class:

A1 3 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:

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 selected surveys within stated 1-mile radii of population.

Population within 5 miles:

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 1 days

1.1 to 1.5 2 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.

Petrol filling station:

PFS is present at the site and is included in the count 1 days

PFS is present at the site but is excluded from the count 0 days

There is no PFS at the site 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.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE
 MULTI-MODAL BUS/TRAM PASSENGERS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE
 MULTI-MODAL PUBLIC TRANSPORT USERS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

Appendix 5

TRICS Data for Neighbourhood Centre Trip Rates – Local Shops

Calculation Reference: AUDIT-355901-160311-0339

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 01 - RETAIL
 Category : 1 - SHOPPING CENTRE - LOCAL SHOPS
 MULTI-MODAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	EX ESSEX	1 days
	HC HAMPSHIRE	1 days
03	SOUTH WEST	
	GS GLOUCESTERSHIRE	1 days
05	EAST MIDLANDS	
	LE LEICESTERSHIRE	1 days
	NR NORTHAMPTONSHIRE	1 days
06	WEST MIDLANDS	
	SH SHROPSHIRE	1 days
	WM WEST MIDLANDS	2 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	1 days
08	NORTH WEST	
	CH CHESHIRE	2 days
09	NORTH	
	TV TEES VALLEY	2 days
	TW 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 undertaken 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 Not Known

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®.

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.

Population within 5 miles:

25,001 to 50,000 2 days
75,001 to 100,000 1 days
100,001 to 125,000 3 days
125,001 to 250,000 3 days
250,001 to 500,000 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 5 days
1.1 to 1.5 9 days

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

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.

Travel Plan:

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

1	CH-01-I-02 LOCAL SHOPS CHRISTLETON ROAD BOUGHTON HEATH CHESTER Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Gross floor area: 260 sqm Survey date: TUESDAY 15/05/12	CESHIRE	Survey Type: MANUAL
2	CH-01-I-03 LOCAL SHOPS MILL LANE BACHE CHESTER Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Gross floor area: 365 sqm Survey date: THURSDAY 17/05/12	CESHIRE	Survey Type: MANUAL
3	EX-01-I-01 LOCAL SHOPS PYRLES LANE LOUGHTON Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Gross floor area: 650 sqm Survey date: THURSDAY 22/11/07	ESSEX	Survey Type: MANUAL
4	GS-01-I-01 LOCAL SHOPS 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	GLOUCESTERSHIRE	Survey Type: MANUAL
5	HC-01-I-02 LOCAL SHOPS OLIVER'S BATTERY ROAD S. OLIVERS BATTERY WINCHESTER Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Gross floor area: 1605 sqm Survey date: TUESDAY 20/11/07	HAMPSHIRE	Survey Type: MANUAL
6	LE-01-I-02 LOCAL SHOPS RYDER ROAD LEICESTER Edge of Town Residential Zone Total Gross floor area: 550 sqm Survey date: TUESDAY 28/10/14	LEICESTERSHIRE	Survey Type: MANUAL
7	NR-01-I-01 LOCAL SHOPS OCCUPATION ROAD CORBY Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Gross floor area: 755 sqm Survey date: WEDNESDAY 19/11/08	NORTHAMPTONSHIRE	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

8	NY-01-I-01 LOCAL SHOPS NEWLANDS PARK DRIVE SCARBOROUGH Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Gross floor area: 1200 sqm Survey date: FRIDAY 28/09/07	NORTH YORKSHIRE Survey Type: MANUAL
9	SH-01-I-02 LOCAL SHOPS WREKIN DRIVE DONNINGTON TELFORD Edge of Town Residential Zone Total Gross floor area: 900 sqm Survey date: THURSDAY 24/10/13	SHROPSHIRE Survey Type: MANUAL
10	TV-01-I-03 LOCAL SHOPS ACKLAM ROAD ACKLAM MIDDLESBROUGH Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Gross floor area: 1840 sqm Survey date: FRIDAY 04/10/13	TEES VALLEY Survey Type: MANUAL
11	TV-01-I-04 LOCAL SHOPS CARGO FLEET LANE ORMESBY MIDDLESBROUGH Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Gross floor area: 585 sqm Survey date: MONDAY 07/10/13	TEES VALLEY Survey Type: MANUAL
12	TW-01-I-02 LOCAL SHOPS DURHAM ROAD BARNES PARK SUNDERLAND Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Gross floor area: 540 sqm Survey date: WEDNESDAY 21/11/12	TYNE & WEAR Survey Type: MANUAL
13	WM-01-I-01 LOCAL SHOPS HOLYHEAD ROAD COVENTRY Suburban Area (PPS6 Out of Centre) Residential Zone Total Gross floor area: 1550 sqm Survey date: THURSDAY 27/09/07	WEST MIDLANDS Survey Type: MANUAL
14	WM-01-I-02 LOCAL SHOPS MARSHALL LAKE ROAD SHIRLEY SOLIHULL Edge of Town Commercial Zone Total Gross floor area: 515 sqm Survey date: TUESDAY 18/09/07	WEST MIDLANDS 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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	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 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

Appendix 6

TRICS Data for Neighbourhood Centre Trip Rates – Pub/Restaurant

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	SOUTH EAST	
	EX ESSEX	1 days
	HC HAMPSHIRE	1 days
03	SOUTH WEST	
	CW CORNWALL	1 days
05	EAST MIDLANDS	
	NT NOTTINGHAMSHIRE	1 days
06	WEST MIDLANDS	
	SH SHROPSHIRE	1 days
	ST STAFFORDSHIRE	1 days
09	NORTH	
	TV TEES VALLEY	1 days

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

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 undertaken 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:

Use Class:

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		CORNWALL
	FORE STREET			
	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		ESSEX
	LONDON ROAD			
	STANWAY			
	COLCHESTER			
	Edge of Town			
	No Sub Category			
	Total Gross floor area:		450 sqm	
	Survey date: FRIDAY		08/11/13	Survey Type: MANUAL
3	HC-06-C-02	BEEFEATER		HAMPSHIRE
	BOURNEMOUTH ROAD			
	AMPFIELD			
	EASTLEIGH			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Gross floor area:		450 sqm	
	Survey date: FRIDAY		16/11/07	Survey Type: MANUAL
4	NT-06-C-02	PUB/RESTAURANT		NOTTINGHAMSHIRE
	MANSFIELD ROAD			
	DAYBROOK			
	NOTTINGHAM			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Gross floor area:		1185 sqm	
	Survey date: FRIDAY		18/05/07	Survey Type: MANUAL
5	SH-06-C-02	HUNGRY HORSE		SHROPSHIRE
	WELSHPOOL ROAD			
	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		STAFFORDSHIRE
	STONE ROAD			
	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.		TEES VALLEY
	MARTON ROAD			
	MIDDLESBROUGH			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Gross floor area:		1200 sqm	
	Survey date: FRIDAY		21/09/07	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 06 - HOTEL, FOOD & DRINK/C - PUB/RESTAURANT
 MULTI-MODAL VEHICLES
 Calculation factor: 100 sqm
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00									
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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00									
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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00									
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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00									
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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00									
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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00									
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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

Appendix 7

TRICS Data for Primary School Trip Rates

Calculation Reference: AUDIT-355901-160303-0325

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	SOUTH EAST SC SURREY	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE NE NORTH EAST LINCOLNSHIRE	1 days
08	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.

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

Public Transport Provision:

Selection by: Include all surveys

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 undertaken 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.

Selected Location Sub Categories:

Residential Zone	2
Village	1

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

Filtering Stage 3 selection:

Use Class:

D1 3 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 1 mile:

1,001 to 5,000 1 days
5,001 to 10,000 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 1 days
75,001 to 100,000 1 days
250,001 to 500,000 1 days

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

Car ownership within 5 miles:

0.6 to 1.0 1 days
1.1 to 1.5 2 days

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

Travel Plan:

Yes 1 days
No 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.

LIST OF SITES relevant to selection parameters

1	MS-04-A-02 BOOKER AVENUE ALVERTON LIVERPOOL Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of pupils: Survey date: THURSDAY	PRIMARY SCHOOL 264 13/06/13	MERSEYSIDE Survey Type: MANUAL
2	NE-04-A-01 SUNNINGDALE ROAD SCUNTHORPE Edge of Town Residential Zone Total Number of pupils: Survey date: TUESDAY	PRIMARY SCHOOL 147 20/05/14	NORTH EAST LINCOLNSHIRE Survey Type: MANUAL
3	SC-04-A-01 SCHOOL LANE PIRBRIGHT NEAR WOKING Neighbourhood Centre (PPS6 Local Centre) Village Total Number of pupils: Survey date: THURSDAY	PRIMARY SCHOOL 414 22/11/12	SURREY 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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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									
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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 04 - EDUCATION/A - PRIMARY
 MULTI-MODAL BUS/TRAM PASSENGERS

Calculation factor: 1 PUPILS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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
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	0.013	3	275	0.013
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:			0.018			0.015			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.

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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 04 - EDUCATION/A - PRIMARY
 MULTI-MODAL TOTAL RAIL PASSENGERS

Calculation factor: 1 PUPILS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 04 - EDUCATION/A - PRIMARY
 MULTI-MODAL PUBLIC TRANSPORT USERS

Calculation factor: 1 PUPILS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	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.

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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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

Highgate *Transportation*

**Land at Peel Hall, Warrington
Technical Note on Trip Discounts
(HTp/1107/TN/06)**

March 2016

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1.0 Introduction

- 1.1 This Technical Note has been prepared by Highgate Transportation Limited (HTp) to set out the estimated trip discounts to be applied to the Peel Hall development profile, based on trip containment (likely number of internal trips) and access location.
- 1.2 This Technical Note should be read in conjunction with HTp Technical Note on Trip Rates (TN/02/A) and the accompanying addendum for peak period trip rates (TN/02/A/Addendum).
- 1.3 It is considered that the overall approach and assumptions used 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 proposed food store. It is considered that the use of higher trip rates where possible gives confidence to the overall figures used in the assessment.

2.0 Trip Discounts and Assumptions

2.1 The estimated trip discounts applied to the level of arrival and departure trips during the AM peak hour are set out in **Table 2.1**.

Table 2.1 - AM Peak Hour Trip Discounts

Land Use	Percentage AM Peak Hour 0800-0900			
	Internal	External Pass-by	External New	External Total
Residential	20%	0%	80%	80%
Care Home	0%	0%	100%	100%
Employment	0%	0%	100%	100%
Food Store	60%	10%	30%	40%
Local Centre	70%	0%	30%	30%
Family Pub/Restaurant	-	-	-	-
Primary School	75%	0%	25%	25%
Community Uses	0%	0%	100%	100%

2.2 The estimated trip discounts applied to the level of arrival and departure trips during the PM peak hour are set out in **Table 2.2**.

Table 2.2 - PM Peak Hour Trip Discounts

Land Use	Percentage PM Peak Hour 1700-1800			
	Internal	External Pass-by	External New	External Total
Residential	20%	0%	80%	80%
Care Home	0%	0%	100%	100%
Employment	0%	0%	100%	100%
Food Store	60%	10%	30%	40%
Local Centre	70%	0%	30%	30%
Family Pub/Restaurant	25%	0%	75%	75%
Primary School	50%	0%	50%	50%
Community Uses	0%	0%	100%	100%

2.3 There have been a number of assumptions made in the above tables, as follows:

- i. Primary School trips in the AM peak are based on 360 pupils living on site (circa 86%), and the remaining 60 living off site (circa 14%), whilst also accounting for staff travel from outside the site based on the AM and PM trip data from TRICS. It is also acknowledged that not all children living in the development will attend the on-site primary school and this accounted for in **Table 2.1** above.
- ii. Primary School trips in the PM peak set at 50% external to account for teaching staff living off site and a greater proportion of after school club children likely to be living on site.

- iii. An element of residential trips in the peak hours have been internalised due to the availability of the local centre, food store and school land uses on site.
 - iv. No diverted trips have been accounted for in the above tables as these are not expected to be significant in numbers due to site location, type and size of facilities available on site and the location and range of existing facilities available nearby.
- 2.4 Furthermore, it is considered that none of the food store vehicle trips will extend beyond the local residential area, and therefore will not travel onto the A49 during the peak periods. This is considered to also be the case for the local centre and the school in terms of school pupils.
- 2.5 The distribution of employment vehicle trips will be distributed as per the gravity model, which is to be provided by AECOM as part of the network modelling package.
- 2.6 It is expected that the vehicle trips associated with the family pub/restaurant will also be distributed as per the gravity model, but that minimal trips will be added to the A49 due to other similar establishments being available in the wider area.
- 2.7 The distribution of the residential vehicle trips will also be distributed by the gravity model, but there is an expectation that not all of these trips will affect the A49. Indeed, it is expected that there will be a fair proportion of vehicle traffic heading out to the area of Birchwood and beyond in the east, and to the M6 north and south.
- 2.8 It is expected that the gravity model will provide an indication of trip distribution for external vehicle trips associated with the primary school, but that not all of these will use the A49.

3.0 Peak Hour Application of Trip Discounts

3.1 The overall trip generation and attraction of the proposed development profile as set out in Table 9.1 from HTP Technical Note TN/02/A is provided below for reference. The peak hour trips are then applied to the discounts shown in **Table 2.1** and **Table 2.2**, as set out in **Table 3.1** and **Table 3.2**, following, for AM and PM peak hour time periods respectively.

Trip Generation Table 9.1 extract from TN02/A

Development Traffic	AM Peak Hour		PM Peak Hour	
	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

Table 3.1 - AM Peak Hour Trips, with Discount Applied

Land Use	Trip Numbers AM Peak Hour 0800-0900					
	Internal (Arrival)	Internal (Departure)	Pass-By (Arrival)	Pass-by (Departure)	External New (Arrival)	External New (Departure)
Residential	54	126	-	-	216	502
Care Home	0	0	-	-	7	7
Employment	0	0	-	-	69	39
Food Store	55	37	9	6	28	18
Local Centre	18	17	-	-	12	12
Family Pub/Restaurant	-	-	-	-	-	-
Primary School	85	59	-	-	28	20
Community Uses	0	0	-	-	10	5
To be used in modelling			9	6	370	603

Table 3.2 - PM Peak Hour Trips, with Discount Applied

Land Use	Trip Numbers PM Peak Hour 1700-1800					
	Internal (Arrival)	Internal (Departure)	Pass-By (Arrival)	Pass-by (Departure)	External New (Arrival)	External New (Departure)
Residential	119	74	-	-	475	294
Care Home	0	0	-	-	8	8
Employment	0	0	-	-	20	47
Food Store	109	115	18	19	54	57
Local Centre	25	27	-	-	11	12
Family Pub/Restaurant	11	7	-	-	35	23
Primary School	9	13	-	-	10	14
Community Uses	0	0	-	-	8	7
To be used in modelling			18	19	621	462

3.2 A summary of the resultant peak hour vehicle trips and the overall discount, based on the expected level of contained trips, is set out in **Table 3.3** below.

Table 3.3 – Summary of Vehicle Trip Numbers

	AM Arrival	AM Departure	PM Arrival	PM Departure
a) Total Identified Trips TN02/A	591	848	912	717
b) Figures to be Used in Modelling	379	609	639	481
Overall Discount (a-b)	212	239	273	236

3.3 It can therefore be seen that there may be up to 1,120 trips on the local highway network in the busiest peak hour as a result of the Peel Hall development.

4.0 Peak Period Application of Trip Discounts

4.1 It is considered that the peak hour discounts provided in **Tables 2.1** and **2.2** can be applied to the vehicle trips across the peak periods of 0700-0930 and 1600-1830, as set out in the HTP Addendum to TN/02/A for all proposed land uses forming the Peel Hall masterplan.

4.2 However, the residential units are anticipated to be as follows:

- i. 0700-0800 - 95% external
- ii. 0800-0900 - as shown in **Table 2.1**
- iii. 0900-0930 - 70% external
(To account for an increase in trips to on-site facilities and amenities)
- iv. 1600-1830 - as shown in **Table 2.2**

4.3 The Primary School is also anticipated to have a variation in constrained trips within the AM peak, as follows:

- i. 0700-0800 - 100% external
- ii. 0800-0930 - as shown in **Table 2.1**
- iii. 1600-1830 - as shown in **Table 2.2**

4.4 The resultant vehicle trips arising from the proposed development across the AM and PM peak periods are now provided below in the following tables.

Table 4.1 – Residential (1,200 houses)

Peak Period	EXTERNAL TRIPS		
	%	Arr.	Dep.
0700-0800	95%	144	433
0800-0900	80%	216	502
0900-0930	70%	92	123
1600-1700	80%	402	238
1700-1800	80%	475	294
1800-1830	80%	174	131

Table 4.2 – Care Home (100-beds)

Peak Period	EXTERNAL TRIPS (100%)	
	Arr.	Dep.
0700-0800	8	8
0800-0900	7	7
0900-0930	5	2
1600-1700	7	5
1700-1800	8	11
1800-1830	5	5

Table 4.3 – Employment (7,500sqm)

Peak Period	EXTERNAL TRIPS (100%)	
	Arr.	Dep.
0700-0800	52	12
0800-0900	69	39
0900-0930	27	20
1600-1700	36	50
1700-1800	20	47
1800-1830	5	16

Table 4.4 – Food Store (2,000sqm)

Peak Period	EXTERNAL TRIPS (40%)	
	Arr.	Dep.
0700-0800	14	9
0800-0900	37	24
0900-0930	27	20
1600-1700	65	62
1700-1800	72	76
1800-1830	28	34

Table 4.5 – Local Centre (600sqm)

Peak Period	EXTERNAL TRIPS (30%)	
	Arr.	Dep.
0700-0800	8	7
0800-0900	9	9
0900-0930	5	5
1600-1700	10	11
1700-1800	11	12
1800-1830	5	5

Table 4.6 – Family Pub/Restaurant (1,600sqm)

Peak Period	EXTERNAL TRIPS (75%)	
	Arr.	Dep.
1600-1700	22	14
1700-1800	35	23
1800-1830	18	15

Table 4.7 – Primary School (420 pupils)

Peak Period	EXTERNAL TRIPS		
	%	Arr.	Dep.
0700-0800	100%	24	10
0800-0900	25%	28	20
0900-0930	25%	3	3
1600-1700	50%	25	35
1700-1800	50%	10	14
1800-1830	50%	4	3

Table 4.8 – Sports Pitches and Ancillary Facilities

Peak Period	TRIPS	
	Arr.	Dep.
0700-0800	0	0
0800-0900	10	5
0900-0930	3	5
1600-1700	8	7
1700-1800	7	8
1800-1830	10	5

5.0 Summary

- 5.1 This Technical Note has been prepared by Highgate Transportation Limited (HTp) to set out the estimated trip discounts to be applied to the Peel Hall development profile, based on trip containment and access location.
- 5.2 Trip discounts have been applied to AM and PM peak hour arrival and departure trips for the proposed development profile. The assumptions used to calculate the anticipated level of internal trips has been based on the type and size of land uses proposed in respect of the overall quantum of development but also in relation to the local residential area. Some assumptions have been as follows:
- i. Primary school trips based on the number of school places expected to be generated by the site, accounting for staff travel from off-site and an acknowledgement that that some children living on-site will attend a different primary school. These assumptions have been taken into account in **Table 2.1**.
 - ii. An element of residential trips in the peak hours have been internalised due to the availability of the local centre, food store and school land uses on site.
- 5.3 The same approach and basic assumptions have been utilised to apply trip discounts across the peak periods of 0700-0930 and 1600-1830, as set out in **Section 4.0**, for inserting into the VISSIM model.
- 5.4 External trips have been considered in the form of pass-by and those newly generated. No account of diverted trips has been made as these are not expected to be of a significant level for this development.
- 5.5 Furthermore, none of the vehicle trips associated with the food store and local centre will extend beyond the local residential area, and therefore will not travel onto the A49 during the peak periods. This is considered to also be the case for the school trip rates in terms of school pupils.
- 5.6 Employment vehicle trips will be distributed as per a gravity model, as well as those associated with the external primary school trips and the family pub/restaurant. It is considered that only a minimal quantity of trips from the latter will be added to the A49 due to other similar establishments being available in the wider area.
- 5.7 The distribution of the residential vehicle trips will also be distributed by a gravity model, but there is an expectation that not all of these trips will affect the A49. A fair proportion of vehicle traffic is expected to travel out towards the area of Birchwood and beyond in the east and a proportion of trips will be to the M6 in the north and south.
- 5.8 The number of external vehicle trips likely to be generated by the Peel Hall development are as follows:
- i. AM peak hour – 379 arrivals and 609 departures.
 - ii. PM peak hour – 639 arrivals and 481 departures.

- 5.9 It can therefore be seen that there may be up to 1,120 trips on the local highway network in the busiest peak hour as a result of the Peel Hall development.
- 5.10 These external trips will be distributed from the site onto the local highway network based on the corresponding development access point. Trip distribution at each site access will be set out in HTp Technical Note TN/08.
- 5.11 It is considered that the overall approach and assumptions that have been used in this Technical Note are robust and that the use of higher trip rates where possible gives confidence to the overall figures used in the assessment.

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Highgate *Transportation*

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Land at Peel Hall, Warrington
Technical Note on Pub/Restaurant Vehicular Trips Update
(HTp/1107/TN/12)

April 2016

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Appendix 1

TRICS Data for Family Pub/Restaurant

Calculation Reference: AUDIT-355901-160129-0114

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	SOUTH EAST	
	EX ESSEX	1 days
	HC HAMPSHIRE	1 days
03	SOUTH WEST	
	CW CORNWALL	1 days
05	EAST MIDLANDS	
	NT NOTTINGHAMSHIRE	1 days
06	WEST MIDLANDS	
	SH SHROPSHIRE	1 days
	ST STAFFORDSHIRE	1 days
09	NORTH	
	TV TEES VALLEY	1 days

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

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 undertaken 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:

Use Class:

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

LIST OF SITES relevant to selection parameters

1	CW-06-C-01	PUB/RESTAURANT		CORNWALL
	FORE STREET			
	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		ESSEX
	LONDON ROAD			
	STANWAY			
	COLCHESTER			
	Edge of Town			
	No Sub Category			
	Total Gross floor area:		450 sqm	
	Survey date: FRIDAY		08/11/13	Survey Type: MANUAL
3	HC-06-C-02	BEEFEATER		HAMPSHIRE
	BOURNEMOUTH ROAD			
	AMPFIELD			
	EASTLEIGH			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Gross floor area:		450 sqm	
	Survey date: FRIDAY		16/11/07	Survey Type: MANUAL
4	NT-06-C-02	PUB/RESTAURANT		NOTTINGHAMSHIRE
	MANSFIELD ROAD			
	DAYBROOK			
	NOTTINGHAM			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Gross floor area:		1185 sqm	
	Survey date: FRIDAY		18/05/07	Survey Type: MANUAL
5	SH-06-C-02	HUNGRY HORSE		SHROPSHIRE
	WELSHPOOL ROAD			
	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		STAFFORDSHIRE
	STONE ROAD			
	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.		TEES VALLEY
	MARTON ROAD			
	MIDDLESBROUGH			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Gross floor area:		1200 sqm	
	Survey date: FRIDAY		21/09/07	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 06 - HOTEL, FOOD & DRINK/C - PUB/RESTAURANT
 MULTI-MODAL VEHICLES
 Calculation factor: 100 sqm
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00									
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 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00									
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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00									
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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00									
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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00									
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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00									
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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00									
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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00									
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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00									
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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

Appendix 2

Full Set of Tables for Peak Period Vehicle Trips at Each Site Access Location

Updated TN/08 Table 2.1 – Number of Vehicular Trips at Site Accesses 0700-0800

AM Peak 0700-0800								
Access	Units/sqm	Trip Rate		Trips		Discounts/ Internal Trips	Total Trips	
		Arrival	Departure	Arrival	Departure		Arrival	Departure
Mill Lane	150 Dwellings	0.127	0.380	19	57	0%	19	57
Mill Lane/ Blackbrook Avenue	700 Dwellings	0.127	0.380	89	266	5%	85	253
	Primary School (up to 420 pupils)	0.057	0.023	24	10	0%	24	10
Poplars Ave. (Central)	330 Dwellings	0.127	0.380	42	125	5%	40	119
	Food Store (2,000sqm)	1.801	1.082	36	22	60%	14*	9*
	Local Centre (600sqm)	4.257	3.792	26	23	70%	8	7
	Family Pub/ Restaurant (1,600sqm)	-	-	-	-	-	-	-
	100-Bed Care Home	0.075	0.083	8	8	0%	8	8
Poplars Ave. (West)	Employment (7,500sqm)	0.688	0.164	52	12	0%	52	12
Birch Avenue	20 Dwellings	0.127	0.380	3	8	0%	3	8
Grasmere Avenue	Sports Pitches and Community Facilities	-	-	0	0	0%	0	0
Total				299	531	-	253	483
								736

*Pass-by trips account for 10%

Updated TN/08 Table 2.2 – Number of Vehicular Trips at Site Accesses 0800-0900

AM Peak 0800-0900								
Access	Units/sqm	Trip Rate		Trips		Discounts/ Internal Trips	Total Trips	
		Arrival	Departure	Arrival	Departure		Arrival	Departure
Mill Lane	150 Dwellings	0.225	0.523	34	79	0%	34	79
Mill Lane/ Blackbrook Avenue	700 Dwellings	0.225	0.523	158	366	20%	126	293
	Primary School (up to 420 pupils)	0.269	0.189	113	79	75%	28	20
Poplars Ave. (Central)	330 Dwellings	0.225	0.523	74	173	20%	59	138
	Food Store (2,000sqm)	4.615	3.030	92	61	60%	37*	24*
	Local Centre (600sqm)	5.025	4.780	30	29	70%	9	9
	Family Pub/ Restaurant (1,600sqm)	-	-	-	-	-	-	-
	100-Bed Care Home	0.068	0.068	7	7	0%	7	7
Poplars Ave. (West)	Employment (7,500sqm)	0.919	0.514	69	39	0%	69	39
Birch Avenue	20 Dwellings	0.225	0.523	5	11	0%	5	11
Grasmere Avenue	Sports Pitches and Community Facilities	-	-	10	5	0%	10	5
Total				592	849	-	384	625
								1,009

*Pass-by trips account for 10%

Updated TN/08 Table 2.3 - Number of Vehicular Trips at Site Accesses 0900-0930

AM Peak 0900-0930								
Access	Units/sqm	Trip Rate		Trips		Discounts/ Internal Trips	Total Trips	
		Arrival	Departure	Arrival	Departure		Arrival	Departure
Mill Lane	150 Dwellings	0.109	0.147	16	22	0%	16	22
Mill Lane/ Blackbrook Avenue	700 Dwellings	0.109	0.147	76	103	30%	53	72
	Primary School (up to 420 pupils)	0.024	0.028	10	12	75%	3	3
Poplars Ave. (Central)	330 Dwellings	0.109	0.147	36	49	30%	25	34
	Food Store (2,000sqm)	3.368	2.554	67	51	60%	27*	20*
	Local Centre (600sqm)	2.851	2.601	17	16	70%	5	5
	Family Pub/ Restaurant (1,600sqm)	-	-	-	-	-	-	-
	100-Bed Care Home	0.045	0.019	5	2	0%	5	2
Poplars Ave. (West)	Employment (7,500sqm)	0.354	0.272	27	20	0%	27	20
Birch Avenue	20 Dwellings	0.109	0.147	2	3	0%	2	3
Grasmere Avenue	Sports Pitches and Community Facilities	-	-	3	5	0%	3	5
Total				259	283	-	166	186
							352	

*Pass-by trips account for 10%

Updated TN/08 Table 2.4 - Number of Vehicular Trips at Site Accesses 1600-1700

PM Peak 1600-1700								
Access	Units/sqm	Trip Rate		Trips		Discounts/ Internal Trips	Total Trips	
		Arrival	Departure	Arrival	Departure		Arrival	Departure
Mill Lane	150 Dwellings	0.419	0.248	63	37	0%	63	37
Mill Lane/ Blackbrook Avenue	700 Dwellings	0.419	0.248	293	174	20%	234	139
	Primary School (up to 420 pupils)	0.116	0.165	49	69	50%	25	35
Poplars Ave. (Central)	330 Dwellings	0.419	0.248	138	82	20%	110	66
	Food Store (2,000sqm)	8.121	7.697	162	154	60%	65*	62*
	Local Centre (600sqm)	5.735	5.828	34	35	70%	10	11
	Family Pub/ Restaurant (1,600sqm)	1.828	1.195	15	10	25%	11	8
	100-Bed Care Home	0.068	0.053	7	5	0%	7	5
Poplars Ave. (West)	Employment (7,500sqm)	0.473	0.668	36	50	0%	36	50
Birch Avenue	20 Dwellings	0.419	0.248	8	5	0%	8	5
Grasmere Avenue	Sports Pitches and Community Facilities	-	-	8	7	0%	8	7
Total				813	628	-	577	425
							1,002	

*Pass-by trips account for 10%

Updated TN/08 Table 2.5 - Number of Vehicular Trips at Site Accesses 1700-1800

PM Peak 1700-1800								
Access	Units/sqm	Trip Rate		Trips		Discounts/ Internal Trips	Total Trips	
		Arrival	Departure	Arrival	Departure		Arrival	Departure
Mill Lane	150 Dwellings	0.495	0.307	74	46	0%	74	46
Mill Lane/ Blackbrook Avenue	700 Dwellings	0.495	0.307	347	215	20%	278	172
	Primary School (up to 420 pupils)	0.045	0.063	19	27	50%	10	14
Poplars Ave. (Central)	330 Dwellings	0.495	0.307	163	101	20%	130	81
	Food Store (2,000sqm)	9.056	9.550	181	191	60%	72*	76*
	Local Centre (600sqm)	6.039	6.495	36	39	70%	11	12
	Family Pub/ Restaurant (1,600sqm)	2.847	1.845	23	15	25%	17	11
	100-Bed Care Home	0.083	0.113	8	11	0%	8	11
Poplars Ave. (West)	Employment (7,500sqm)	0.262	0.621	20	47	0%	20	47
Birch Avenue	20 Dwellings	0.495	0.307	10	6	0%	10	6
Grasmere Avenue	Sports Pitches and Community Facilities	-	-	7	8	0%	7	8
Total				888	706	-	637	484
							1,121	

*Pass-by trips account for 10%

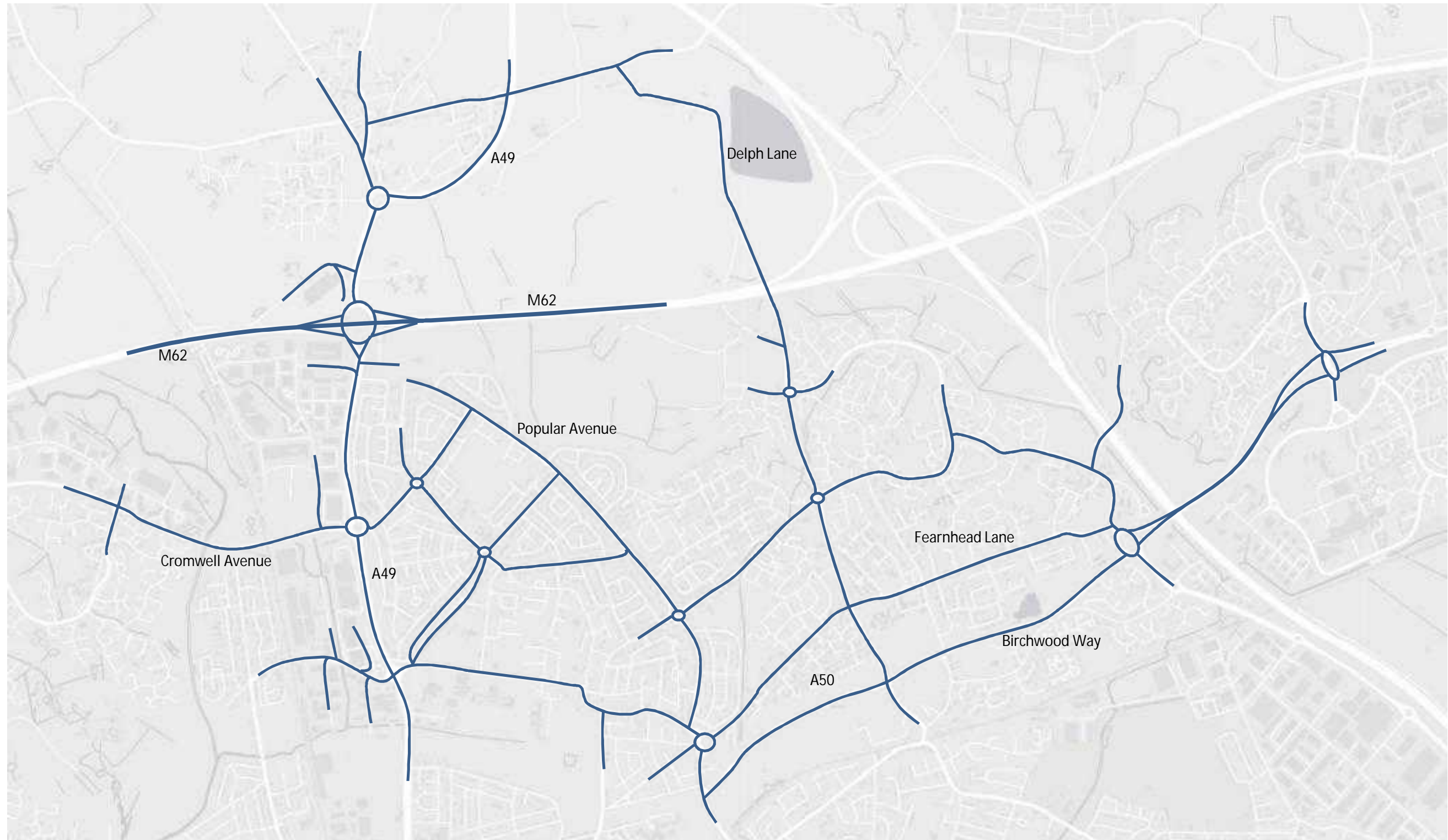
Updated TN/08 Table 2.6 - Number of Vehicular Trips at Site Accesses 1800-1830

PM Peak 1800-1830								
Access	Units/sqm	Trip Rate		Trips		Discounts/ Internal Trips	Total Trips	
		Arrival	Departure	Arrival	Departure		Arrival	Departure
Mill Lane	150 Dwellings	0.182	0.137	27	21	0%	27	21
Mill Lane/ Blackbrook Avenue	700 Dwellings	0.182	0.137	127	96	20%	102	77
	Primary School (up to 420 pupils)	0.020	0.015	8	6	50%	4	3
Poplars Ave. (Central)	330 Dwellings	0.182	0.137	60	45	20%	48	36
	Food Store (2,000sqm)	3.554	4.251	71	85	60%	28*	34*
	Local Centre (600sqm)	2.910	3.049	18	18	70%	5	5
	Family Pub/ Restaurant (1,600sqm)	1.512	1.257	12	10	25%	9	8
	100-Bed Care Home	0.049	0.053	5	5	0%	5	5
Poplars Ave. (West)	Employment (7,500sqm)	0.067	0.216	5	16	0%	5	16
Birch Avenue	20 Dwellings	0.182	0.137	4	3	0%	4	3
Grasmere Avenue	Sports Pitches and Community Facilities	-	-	10	5	0%	10	5
Total				347	310	-	247	213
							460	

*Pass-by trips account for 10%

Appendix 24

VISSIM Network



Peel Hall VISSIM Model - Trip
Distribution

Appendix A, Figure 1, Model Network



Appendix 25

Committed Developments

(Provided on Accompanying CD)

Highgate *Transportation*

Land at Peel Hall, Warrington
Technical Note on Committed Developments
(HTp/1107/TN/10)

April 2016

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Appendices

Appendix 1 TRICS Data for Land at Benson Road, Birchwood
Appendix 2 TRICS Data for Birchwood Shopping Centre
Appendix 3 TRICS Data for Birchwood Park
Appendix 4 TRICS Data for Calver Park

1.0 Introduction

- 1.1 This Technical Note has been prepared by Highgate Transportation Limited on behalf of Satnam Millennium Limited to identify the local committed developments within Warrington, as set out and agreed by Warrington Borough Council highway officers, that are to be accounted for within the traffic impact assessment work associated with the Peel Hall site.
- 1.2 These committed developments are as follows:
 - i. Land at Benson Road, Birchwood (ref: 2015/26220).
 - ii. Birchwood Shopping Centre (ref: 2015/25880).
 - iii. Birchwood Park (ref: 2015/26044, 2014/23358 and 2008/12744).
 - iv. Calver Park (ref: 2015/26685 and 2013/22533).
- 1.3 The corresponding vehicular trip numbers over the peak periods of 0700 to 0930 and 1600 to 1830, and subsequent trip loading locations for each site identified are set out in **Section 3.0** of this report for ease of inserting into the VISSIM model.
- 1.4 It should be noted that the application for the B&Q extension at Winwick (ref: 2015/26628) for a click-and-collect area and storeroom and relocation of the garden centre area, which was granted on 12/02/16, has not been included within the identified committed developments as there will be no net change to the store's overall GFA and it is therefore considered that there would be very little, if any, impact on the local highway network during peak hours as a result of this development.
- 1.5 It was agreed that due to the location of the Omega development from the Peel Hall site it would not need to be accounted for separately within the modelling, over and above the local growth rates that are to be applied (HTp Technical Note TN/07).
- 1.6 It is concluded that the identified committed developments, associated trip rates and subsequent trip loading provided in this Technical Note (HTp/1107/TN/10) are appropriate.

2.0 Committed Developments

2.1 The committed developments, planning application reference numbers, planning history and descriptions are provided in **Table 2.1** below.

2.2 The location of each site in relation to the proposed Peel Hall development is illustrated on **Figure 1**.

Table 2.1 – Committed Developments for Consideration

Development Planning Reference and Decision Date	Proposal Description	Location Description
Land at Benson Road, Birchwood (2015/26220) <i>Granted 01/12/15</i>	Proposed outline application with all matters reserved to create a new build two storey office block of up to 2,400 sqm, with supplemental parking and a link bridge to existing building.	Land at Benson Road, Birchwood, Warrington, WA3 7PQ
Birchwood Shopping Centre (2015/25880) <i>Granted 27/10/15</i>	Application for Outline Planning Permission with all matters reserved apart from access and layout, for the demolition of existing buildings and construction of proposed mixed use extensions to Birchwood Shopping Centre (Use Classes A1/A3/D1) with associated access, servicing, car parking, signage and associated works. Demolition of 2,565sqm B1, replaced with 4,907sqm A1, A3, A5, D1 (a variance of 2,342sqm) and 116 additional car parking spaces.	Birchwood Shopping Centre, Benson Road, Birchwood, Warrington, WA3 7PQ.
Birchwood Park (2015/26044) <i>Granted 29/10/15</i>	Outline planning application: Demolition of some existing buildings and erection of new buildings for a combination of offices (B1); light and general industrial (B1/B2); warehousing development (B8) and ancillary retail/financial and professional services/non-residential institutions/assembly and leisure (A1/A2/D1/D2) floor space. B1 91,235sqm, B2/B8 40,215sqm and A1/A2/D1/D2 1,000sqm proposed. Change from other applications: B1 -8,036sqm, B2/B8 +21,365sqm, A1/A2/D1/D2 -4,000sqm. Therefore an overall increase in floor area of 9,329sqm. Current total net floor space B1 48,413 sqm, B2/B8 7,365sqm.	Eastern edge of Birchwood Park plots 107, 300, 501-502, 611-612, 701-702 and Quadrant, Warrington, WA3 6AE.

<p>(2014/23358) <i>Granted 12/08/14</i></p>	<p>Full Planning (Major) – Proposed construction of seven units for general industry and/or warehouse/distribution (Use Classes B2 and/or B8). 12,225sqm proposed. B1 91,375sqm, B2/B8 6,625sqm, A1/A2/D1/D2 5,000sqm</p>	<p>The Quadrant (<i>plot 711-717</i>), Cavendish Avenue, Birchwood Park, Warrington.</p>
<p>(2012/19696) <i>Granted 24/07/12</i></p>	<p>Application to extend time limit for implementation of permission 2006/07641 (offices, industrial and warehousing development)</p>	<p>Birchwood Business Park, Warrington, WA3 6BU.</p>
<p>(2008/12744) <i>Granted 04/07/08</i></p>	<p>Outline application for the erection of an office building (use class B1), associated access and car parking (matters of appearance, landscaping, layout, and scale reserved). Shall not exceed 7,896sqm. (Previous floor space granted under permission A00/41159 of 1,428sqm shall not be implemented).</p>	<p>Site 1 (<i>plot 107</i>), Dalton Avenue, Birchwood Park, Warrington.</p>
<p>(2003) A01/43317 <i>Granted 05/09/03</i></p>	<p>Outline application for offices, light and general. B1 84,500sqm, B2/B8 13,500sqm, A1/A2/D1/D2 5,000sqm</p>	<p>Birchwood Park, Birchwood, Warrington, WA3 6BU.</p>
<p>Calver Park (2015/26685) <i>Granted 03/02/16</i></p>	<p>Variation of Condition (Major) – Proposed variation of Condition 14 (Increase the restriction on care sales floor space) on previously approved application 2013/22533. Increase in motor sales from 1,933sqm (2 car showrooms) to 4,200sqm (1 large car showroom). Therefore a reduction in B2/B8 floor space of 2,267sqm, down to 13,974sqm from 16,214sqm. Overall GFA remains at 18,147sqm.</p>	<p>Calver Park, Calver Park Road, Warrington, WA2 8TL.</p>
<p>(2013/22533) <i>Granted 07/08/14</i></p>	<p>Outline Permission – outline application with all matters reserved excluding access for vehicle and ancillary uses (sui generis), light industry (use class B1(c)), general industrial (B2), storage/distribution (B8), including ancillary office and trade counter (up to 20% floor space for goods assembled or manufactured on the premises) and associated access, parking, fencing and landscaping. (The planning application is accompanied by an environmental statement). Motor vehicle sales of up to 1,933sqm and light industry (B1c), general industrial (B2) and storage and distribution (B8) of up to 18,147sqm (including ancillary office) overall.</p>	<p>Calver Park, Calver Park Road, Warrington.</p>

- 2.3 In summary, the development proposals at Benson Road and Birchwood Park result in the provision of additional GFA and subsequent traffic generation above current operational levels. The trip rates and loading associated with these new developments are set out in **Section 3.0**, based on the 2015 Transport Assessments that accompanied the respective planning applications.
- 2.4 At Birchwood Shopping Centre the proposed changes to the development profile to replace 2,565sqm GFA of B1 land uses with 4,907sqm GFA A1, A3, A5 and D1 land uses results in lower forecast AM peak hour trips but higher PM trip rates during the weekday. This is supported by an associated increase in car parking provision. The net vehicle trips and loading for these changes are also set out in the following **Section 3.0**, based on the 2015 Transport Assessment.
- 2.5 At Calver Park, the proposed floor area also remains the same with the increase in motor sales GFA offset by a reduction in proposed B2/B8 GFA. The 2015 TA set out that the proposed increase in motor sales floor area would not create an increase in the level of weekday peak hour vehicle trips above the agreed motor sales floor area, which would have been for two car showrooms at a GFA of circa 967sqm each, due to the nature of both the more recent (2015) and previously proposed (2013) permissions. The trip rates and loading associated with the Calver Park site development will therefore be set out with reference to both the 2015 and 2013 Transport Assessment in **Section 3.0**, as it is understood that no element of this application has yet to be built/become operational.

3.0 Trip Rates and Loading

- 3.1 The Transport Statements/Transport Assessments that supported each of the planning applications for the committed developments highlighted for inclusion within the Peel Hall modelling have been reviewed, alongside the accompanying highway officer's consultation response and the resulting Decision Notice for each application.
- 3.2 The number of weekday peak hour vehicular trips associated with each of the committed developments is discussed in turn below, with the number of arrival and departure trips over the peak periods of 0700 to 0930 and 1600 to 1830 tabulated for ease of reference.
- 3.3 The trip rates are set out in the accompanying **Appendices 1 to 4** at the end of this report.

Land at Benson Road, Birchwood (2015/26220)

- 3.4 The number of peak period vehicular trips expected to arise from the proposed 2,400sqm GFA office extension are summarised in **Table 3.1** below and the TRICS trip rate report extract from the Optima Transport Statement (dated September 2015) is contained in **Appendix 1**.

Table 3.1 – Land at Benson Road Peak Period Vehicle Trips Summary

Hour	TRIPS	
	Arrival	Departure
0700-0800	15	2
0800-0900	37	6
0900-0930	12	3
1600-1700	6	23
1700-1800	4	29
1800-1830	1	6

- 3.5 The Optima Transport Statement set out that the number of trips arising from the proposed office extension, "Are not considered to be material and their impact onto access points onto the local road network will be further diluted by the fact that (there) are numerous access points onto the local highway network. It is therefore not considered necessary or appropriate to undertake highway capacity assessments. The approach has been agreed with Warrington Highways as set out in their consultation response in which they have confirmed that a Transport Assessment is not necessary but that a Transport Statement is sufficient to support the application" (paragraph 5.1.6). No traffic surveys were submitted as part of this application.
- 3.6 The vehicle trips for this committed development at Benson Road will need to be loaded onto the highway network by the AECOM gravity model as there is not enough information in the supporting Transport Statement to distribute the traffic manually. The following points should be noted for vehicles leaving the committed development site (and reversed for arrival trips):

- i. Departure trips originate from the Benson Road junction with Dewhurst Road opposite the railway station.
- ii. Vehicle trips with destinations to the west and south will all go through the Birchwood Interchange and take the A574 west along Birchwood Way.
- iii. Vehicle trips with destinations to the north may go through the Birchwood Interchange and take the A574 north along Birchwood Park Avenue into Warrington Road, or take the A574 east to the M62 junction 11. However, the latter movements may be along Ordnance Way running parallel to Birchwood Way to avoid the Birchwood Interchange.
- iv. Vehicle trips with destinations to the east may go through the Birchwood Interchange and take the A574 east along Birchwood Way, but are likely to travel along Ordnance Way as (iii) above, to avoid the Birchwood Interchange.
- v. All trips travelling through Birchwood Interchange will arrive from the south via Oakwood Gate.

Birchwood Shopping Centre (2015/25880)

3.7 The number of accumulated peak period vehicular trips expected to arise from the Birchwood Shopping Centre proposals to demolish 2,565sqm of B1 office development and replace with 4,907sqm of A1, A3 A5 and D1 land uses and additional parking are summarised in **Table 3.2** below. The breakdown of the floor areas used in the calculations are as follows:

- i. A1 non-food 1,958 GFA.
- ii. A1 Food 899 GFA.
- iii. A3 and A5 1,681 GFA.
- iv. D1 369 GFA.
- v. B1 -2,565 GFA.

3.8 The TRICS trip rate report extract from the TPS Transport Assessment (dated May 2015) is contained in **Appendix 2**.

Table 3.2 – Birchwood Shopping Centre Peak Period Vehicle Trips Summary

Hour	TRIPS	
	Arrival	Departure
0700-0800	-1	6
0800-0900	-17	17
0900-0930	33	29
1600-1700	104	82
1700-1800	124	73
1800-1830	73	75

- 3.9 The TPS Assessments sets out that the trip rates used are robust as, “Whilst it is proposed to increase the floor area of restaurant facilities, these facilities are principally ancillary to the shopping centre and it is not envisaged that these would generate trips in their own right. Consequently, the trip generation comparison, and resulting traffic generation, is a robust assessment. The robustness of the assessment is enhanced further given the propensity for linked trips between different retail opportunities on a large site such as Birchwood Shopping Centre; this is not taken into consideration at this stage” (paragraph 5.3).
- 3.10 The vehicle trips for this committed development at Birchwood Shopping Centre will need to be loaded onto the highway network by the AECOM gravity model, noting the points set out in **paragraph 3.6**.

Birchwood Park (2015/26044)

- 3.11 As set out in **Table 2.1** earlier in this report and the Vectos Transport Assessment (dated June 2015), Birchwood Park is an existing thriving business park. A proportion of the committed development land within the planning application consists of existing commercial and industrial buildings that are in use, vacant land that has been previously cleared of structures, and some planting and landscaped areas.
- 3.12 The number of peak period vehicular trips expected to arise from the Birchwood Park proposals of 91,235 square metres of B1 office development and 40,215 square metres of B2/B8 warehouse development (for the land parcels set out in **Table 2.1**) have been discounted based on the vehicle trip generation of the current operational land uses on site of 48,413 square metres GFA B1 and 7,365 square metres GFA B2/B8 i.e. what we can expect is already on the local highway network.
- 3.13 Therefore the resultant vehicular trips arising from the additional 42,822 square metres GFA B1 and 32,850 square metres GFA B2/B8 proposed are summarised in **Table 3.3** below and the TRICS trip rate report from the Vectos Transport Assessment is contained in **Appendix 3** for reference.

Table 3.3 – Birchwood Park Peak Period Vehicle Trips Summary

Hour	TRIPS	
	Arrival	Departure
0700-0800	330	37
0800-0900	745	89
0900-0930	283	56
1600-1700	97	480
1700-1800	79	648
1800-1830	30	267

- 3.14 It can be noted that the A1/A2/D1/D2 land uses have been considered as ancillary to the proposed development based on previously agreed traffic impact analysis by Warrington Borough Council (WBC). These trip rates have therefore not been taken into consideration.
- 3.15 In terms of accounting for HGV trips within the VISSIM model, the WBC highways consultation response to this application sets out that a maximum of 16 OGV trip movements may occur as a result of this development within any one hour during the day. It should be noted that the reference OGV in TRICS refers to a mix of HGV and other large commercial vehicles. As the majority of HGV movements are coordinated outside of peak hours by the Birchwood Park operators, it is therefore not considered that additional trip breakdowns will be needed for input of data into the VISSIM model in any event.
- 3.16 Given the spread in location of the units across the Birchwood Park set out in this approved planning application, and the route choice options available, it was concluded in the TA and agreed by WBC that the impact on any one junction would be minimal.
- 3.17 The vehicle trips for this committed development at Birchwood Shopping Centre will need to be loaded onto the local highway network appropriately and distributed by the AECOM gravity model.

Calver Park (2015/22533)

- 3.18 The 2013 application was for an overall site GFA of 18,147 square metres and included two car show rooms at circa 967 square metres GFA each. The variation of condition application was for a larger car showroom area totalling 4,200sqm GFA to be operated by a single known user, with the remaining proposed floor space GFA of 13,947 split between B2 and B8 land uses; a total reduction of 2,267 square metres GFA in these land uses from the original application.

3.19 The number of peak period vehicular trips expected to arise from the new car showroom are summarised in **Table 3.4** below, based on the TRICS report from the iprt Transport Planning Group Transport Statement (dated September 2015) for larger car showrooms, which is contained in **Appendix 4**.

Table 3.4 – Calver Park Car Showroom Peak Period Vehicle Trips Summary (4,200sqm)

Hour	TRIPS	
	Arrival	Departure
0700-0800	10	4
0800-0900	30	16
0900-0930	15	9
1600-1700	13	22
1700-1800	15	20
1800-1830	2	9

3.20 **Tables 3.5** and **3.6** below set out the reduction in B2 and B8 respectively to enable the total trip generation of the site to be calculated. The TRICS reports are also contained in **Appendix 4**.

Table 3.5 – Calver Park B2 Peak Period Vehicle Trips Summary (6,973.5sqm)

Hour	TRIPS	
	Arrival	Departure
0700-0800	33	4
0800-0900	38	10
0900-0930	10	6
1600-1700	12	39
1700-1800	4	40
1800-1830	0	5

Table 3.6 – Calver Park B8 Peak Period Vehicle Trips Summary (6,973.5sqm)

Hour	TRIPS	
	Arrival	Departure
0700-0800	15	9
0800-0900	25	52
0900-0930	8	10
1600-1700	12	18
1700-1800	10	18
1800-1830	1	8

3.21 **Table 3.7** sets out the total expected vehicular trip numbers resulting from the proposed land uses on the Calver Park site as a result of the variation of condition application, taken from **Table 3.4** to **3.6**.

Table 3.7 – Calver Park Peak Period Vehicle Trips Summary (All Trips)

Hour	TRIPS	
	Arrival	Departure
0700-0800	58	17
0800-0900	93	78
0900-0930	33	25
1600-1700	37	79
1700-1800	29	78
1800-1830	3	22

3.22 The vehicle trips for this committed development will need to be loaded onto the local highway network and distributed by the AECOM gravity model. However, it can be noted from the iprt Transport Statement (paragraph 3.10) that in the AM peak, "...at most 60% of the development trips travel towards Cromwell Avenue from the site access on Calver Park Road, with the remaining 40% travelling north" to Mill Lane and over the M62, with more of a 50:50 split in the PM peak hour.

4.0 Summary and Conclusion

4.1 This Technical Note has been prepared by Highgate Transportation and summarises the committed developments to be included within the modelling for the Peel Hall site. The location of these committed developments in respect of the Peel Hall site is illustrated on **Figure 1**.

4.2 The committed development sites agreed with Warrington Borough Council highway officers for inclusion in the modelling are as follows:

- i. Land at Benson Road Birchwood (ref: 2015/26220).

Proposed outline application with all matters reserved to create a new build two storey office block of up to 2,400 sqm, with supplemental parking and a link bridge to existing building.

- ii. Birchwood Shopping Centre (ref: 2015/25880).

Application for Outline Planning Permission with all matters reserved apart from access and layout, for the demolition of existing buildings and construction of proposed mixed use extensions to Birchwood Shopping Centre (Use Classes A1/A3/D1) with associated access, servicing, car parking, signage and associated works.

Demolition of 2,565sqm B1, replaced with 2,342sqm A1, A3, A5, D1 and 116 additional car parking spaces.

- iii. Birchwood Park (ref: 2015/26044, 2014/23358 and 2008/12744).

Outline planning application: Demolition of some existing buildings and erection of new buildings for a combination of offices (B1); light and general industrial (B1/B2); warehousing development (B8) and ancillary retail/financial and professional services/non-residential institutions/assembly and leisure (A1/A2/D1/D2) floor space.

B1 91,235sqm, B2/B8 40,215sqm and A1/A2/D1/D2 1,000sqm proposed. Change from other applications: B1 -8,036sqm, B2/B8 21,365sqm, A1/A2/D1/D2 -4,000sqm; an increase in floor area of 9,329sqm (of B2/B8).

Current total net floor space B1 48,413 sqm, B2/B8 7,365sqm.

- iv. Calver Park (ref: 2015/26685 and 2013/22533).

Variation of Condition (Major) – Proposed variation of Condition 14 (Increase the restriction on care sales floor space) on previously approved application 2013/22533.

Increase in motor sales from 1,933sqm (2 car showrooms) to 4,200sqm (1 large car showroom); a reduction in B2/B8 floor space of 2,267sqm, down to 13,974sqm from 16,214sqm. Overall GFA remains at 18,147sqm.

- 4.3 The peak hour trip rates for the proposed development profiles have been taken from the relevant Transport Assessment for each of the planning applications, taking into the account the associated highway officer consultation responses and Decision Notices. The expected level of vehicle trips for each development are summarised in the tables contained in **Section 3.0** for the peak periods of 0700-0930 and 1600-1830 to assist with the VISSIM modelling.
- 4.4 The loading and distribution of vehicle trips on the network associated with each of these four committed developments will be carried out by AECOM based on their gravity model.
- 4.5 It is concluded that the identified committed developments, associated trip rates and subsequent vehicle trips in this Technical Note are appropriate.

Figure 1

Location of Committed Developments



NOTES:
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ISSUE	REASON FOR REVISION	DATE

PROJECT:
PEEL HALL, WARRINGTON

CLIENT:
SATNAM MILLENNIUM LTD

PROJECT REFERENCE: 1107	DRAWING NUMBER: FIGURE 1	SCALE: NOT TO SCALE
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Highgate*Transportation*
www.highgatetransportation.co.uk
 Box 13, 42 Triangle West
 Park Street, Bristol BS8 1ES
 07973 375 937 / 07595 892 217
 © Highgate Transportation Limited

TITLE:
LOCATION PLAN - COMMITTED DEVELOPMENTS

DATE: 20/04/16	DRAWN BY: FB	CHECKED: DT
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Appendix 1

TRICS Data for Land at Benson Road, Birchwood

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

VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	17	4703	0.189	17	4703	0.024	17	4703	0.213
07:30 - 08:00	17	4703	0.452	17	4703	0.056	17	4703	0.508
08:00 - 08:30	17	4703	0.749	17	4703	0.110	17	4703	0.859
08:30 - 09:00	17	4703	0.798	17	4703	0.151	17	4703	0.949
09:00 - 09:30	17	4703	0.480	17	4703	0.131	17	4703	0.611
09:30 - 10:00	17	4703	0.336	17	4703	0.156	17	4703	0.492
10:00 - 10:30	17	4703	0.211	17	4703	0.121	17	4703	0.332
10:30 - 11:00	17	4703	0.154	17	4703	0.143	17	4703	0.297
11:00 - 11:30	17	4703	0.144	17	4703	0.160	17	4703	0.304
11:30 - 12:00	17	4703	0.149	17	4703	0.138	17	4703	0.287
12:00 - 12:30	17	4703	0.124	17	4703	0.180	17	4703	0.304
12:30 - 13:00	17	4703	0.163	17	4703	0.188	17	4703	0.351
13:00 - 13:30	17	4703	0.151	17	4703	0.205	17	4703	0.356
13:30 - 14:00	17	4703	0.196	17	4703	0.170	17	4703	0.366
14:00 - 14:30	17	4703	0.130	17	4703	0.129	17	4703	0.259
14:30 - 15:00	17	4703	0.121	17	4703	0.161	17	4703	0.282
15:00 - 15:30	17	4703	0.103	17	4703	0.136	17	4703	0.239
15:30 - 16:00	17	4703	0.113	17	4703	0.185	17	4703	0.298
16:00 - 16:30	17	4703	0.130	17	4703	0.484	17	4703	0.614
16:30 - 17:00	17	4703	0.104	17	4703	0.472	17	4703	0.576
17:00 - 17:30	17	4703	0.116	17	4703	0.777	17	4703	0.893
17:30 - 18:00	17	4703	0.056	17	4703	0.438	17	4703	0.494
18:00 - 18:30	17	4703	0.028	17	4703	0.249	17	4703	0.277
18:30 - 19:00	17	4703	0.016	17	4703	0.135	17	4703	0.151
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:			5.213			5.099			10.312

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.*

Appendix 2

TRICS Data for Birchwood Shopping Centre

TRIP RATE for Land Use 01 - RETAIL/G - OTHER INDIVIDUAL NON-FOOD SUPERSTORE
 VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	1	714	0.140	1	714	0.000	1	714	0.140
08:00 - 09:00	4	2068	0.193	4	2068	0.036	4	2068	0.229
09:00 - 10:00	4	2068	1.692	4	2068	0.979	4	2068	2.671
10:00 - 11:00	4	2068	2.430	4	2068	1.910	4	2068	4.340
11:00 - 12:00	4	2068	2.671	4	2068	2.309	4	2068	4.980
12:00 - 13:00	4	2068	2.587	4	2068	2.514	4	2068	5.101
13:00 - 14:00	4	2068	3.046	4	2068	2.816	4	2068	5.862
14:00 - 15:00	4	2068	2.611	4	2068	2.744	4	2068	5.355
15:00 - 16:00	4	2068	2.212	4	2068	2.635	4	2068	4.847
16:00 - 17:00	4	2068	1.571	4	2068	2.019	4	2068	3.590
17:00 - 18:00	4	2068	1.680	4	2068	1.765	4	2068	3.445
18:00 - 19:00	4	2068	0.834	4	2068	1.088	4	2068	1.922
19:00 - 20:00	4	2068	0.399	4	2068	0.737	4	2068	1.136
20:00 - 21:00	3	1591	0.000	3	1591	0.126	3	1591	0.126
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			22.066			21.678			43.744

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: 714 - 3500 (units: sqm)
 Survey date date range: 01/01/06 - 22/10/11
 Number of weekdays (Monday-Friday): 4
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE
 VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	7	3297	1.413	7	3297	0.966	7	3297	2.379
08:00 - 09:00	7	3297	3.605	7	3297	2.479	7	3297	6.084
09:00 - 10:00	7	3297	5.282	7	3297	4.130	7	3297	9.412
10:00 - 11:00	7	3297	6.101	7	3297	5.174	7	3297	11.275
11:00 - 12:00	7	3297	6.608	7	3297	6.474	7	3297	13.082
12:00 - 13:00	7	3297	6.478	7	3297	6.626	7	3297	13.104
13:00 - 14:00	7	3297	6.348	7	3297	6.244	7	3297	12.592
14:00 - 15:00	7	3297	6.227	7	3297	6.461	7	3297	12.688
15:00 - 16:00	7	3297	6.171	7	3297	6.504	7	3297	12.675
16:00 - 17:00	7	3297	6.695	7	3297	6.626	7	3297	13.321
17:00 - 18:00	7	3297	7.085	7	3297	7.475	7	3297	14.560
18:00 - 19:00	7	3297	5.451	7	3297	6.444	7	3297	11.895
19:00 - 20:00	7	3297	4.463	7	3297	4.914	7	3297	9.377
20:00 - 21:00	6	3300	2.420	6	3300	3.304	6	3300	5.724
21:00 - 22:00	6	3300	0.914	6	3300	1.672	6	3300	2.586
22:00 - 23:00	1	4212	0.024	1	4212	0.214	1	4212	0.238
23:00 - 24:00									
Total Rates:			75.285			75.707			150.992

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: 01/01/06 - 19/07/13
 Number of weekdays (Monday-Friday): 7
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/B - RESTAURANTS
VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	1	865	0.000	1	865	0.000	1	865	0.000
08:00 - 09:00	1	865	0.000	1	865	0.000	1	865	0.000
09:00 - 10:00	1	865	0.809	1	865	0.000	1	865	0.809
10:00 - 11:00	12	700	0.417	12	700	0.179	12	700	0.596
11:00 - 12:00	14	684	0.533	14	684	0.324	14	684	0.857
12:00 - 13:00	15	672	1.449	15	672	0.496	15	672	1.945
13:00 - 14:00	15	672	1.658	15	672	1.350	15	672	3.008
14:00 - 15:00	15	672	1.092	15	672	1.668	15	672	2.760
15:00 - 16:00	15	672	1.112	15	672	1.291	15	672	2.403
16:00 - 17:00	16	648	1.003	16	648	0.868	16	648	1.871
17:00 - 18:00	16	648	1.745	16	648	1.041	16	648	2.786
18:00 - 19:00	16	648	2.044	16	648	1.600	16	648	3.644
19:00 - 20:00	16	648	2.420	16	648	2.227	16	648	4.647
20:00 - 21:00	16	648	1.697	16	648	2.034	16	648	3.731
21:00 - 22:00	16	648	1.089	16	648	1.841	16	648	2.930
22:00 - 23:00	15	634	0.642	15	634	1.557	15	634	2.199
23:00 - 24:00	14	615	0.151	14	615	0.604	14	615	0.755
Total Rates:			17.861			17.080			34.941

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: 178 - 2400 (units: sqm)
 Survey date range: 01/01/07 - 19/10/14
 Number of weekdays (Monday-Friday): 16
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 05 - HEALTH/E - CLINICS
VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00	1	17	5.882	1	17	5.882	1	17	11.764
07:00 - 08:00	6	756	0.397	6	756	0.022	6	756	0.419
08:00 - 09:00	8	603	2.426	8	603	0.912	8	603	3.338
09:00 - 10:00	8	603	3.649	8	603	3.069	8	603	6.718
10:00 - 11:00	8	603	2.944	8	603	3.276	8	603	6.220
11:00 - 12:00	8	603	2.136	8	603	2.281	8	603	4.417
12:00 - 13:00	8	603	2.115	8	603	1.783	8	603	3.898
13:00 - 14:00	8	603	1.410	8	603	1.555	8	603	2.965
14:00 - 15:00	7	678	2.275	7	678	2.106	7	678	4.381
15:00 - 16:00	7	678	2.443	7	678	2.422	7	678	4.865
16:00 - 17:00	7	678	1.516	7	678	2.696	7	678	4.212
17:00 - 18:00	7	678	0.821	7	678	1.790	7	678	2.611
18:00 - 19:00	7	678	0.084	7	678	0.295	7	678	0.379
19:00 - 20:00	2	114	0.441	2	114	0.441	2	114	0.882
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			28.539			28.530			57.069

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: 17 - 4000 (units: sqm)
 Survey date date range: 01/01/07 - 10/06/13
 Number of weekdays (Monday-Friday): 8
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	7	2485	0.218	7	2485	0.052	7	2485	0.270
07:30 - 08:00	7	2485	0.535	7	2485	0.080	7	2485	0.615
08:00 - 08:30	7	2485	1.196	7	2485	0.195	7	2485	1.391
08:30 - 09:00	7	2485	1.207	7	2485	0.167	7	2485	1.374
09:00 - 09:30	7	2485	0.868	7	2485	0.241	7	2485	1.109
09:30 - 10:00	7	2485	0.661	7	2485	0.282	7	2485	0.943
10:00 - 10:30	7	2485	0.351	7	2485	0.276	7	2485	0.627
10:30 - 11:00	7	2485	0.172	7	2485	0.184	7	2485	0.356
11:00 - 11:30	7	2485	0.195	7	2485	0.201	7	2485	0.396
11:30 - 12:00	7	2485	0.190	7	2485	0.213	7	2485	0.403
12:00 - 12:30	7	2485	0.305	7	2485	0.402	7	2485	0.707
12:30 - 13:00	7	2485	0.477	7	2485	0.374	7	2485	0.851
13:00 - 13:30	7	2485	0.437	7	2485	0.356	7	2485	0.793
13:30 - 14:00	7	2485	0.443	7	2485	0.253	7	2485	0.696
14:00 - 14:30	7	2485	0.322	7	2485	0.299	7	2485	0.621
14:30 - 15:00	7	2485	0.213	7	2485	0.362	7	2485	0.575
15:00 - 15:30	7	2485	0.213	7	2485	0.264	7	2485	0.477
15:30 - 16:00	7	2485	0.172	7	2485	0.259	7	2485	0.431
16:00 - 16:30	7	2485	0.201	7	2485	0.742	7	2485	0.943
16:30 - 17:00	7	2485	0.184	7	2485	0.949	7	2485	1.133
17:00 - 17:30	7	2485	0.144	7	2485	1.357	7	2485	1.501
17:30 - 18:00	7	2485	0.063	7	2485	0.730	7	2485	0.793
18:00 - 18:30	7	2485	0.034	7	2485	0.351	7	2485	0.385
18:30 - 19:00	7	2485	0.011	7	2485	0.287	7	2485	0.298
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:			8.812			8.876			17.688

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.

Appendix 3

TRICS Data for Birchwood Park

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

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30	1	19974	0.000	1	19974	0.005	1	19974	0.005
05:30 - 06:00	1	19974	0.020	1	19974	0.005	1	19974	0.025
06:00 - 06:30	1	19974	0.070	1	19974	0.005	1	19974	0.075
06:30 - 07:00	1	19974	0.105	1	19974	0.025	1	19974	0.130
07:00 - 07:30	25	5803	0.233	25	5803	0.025	25	5803	0.258
07:30 - 08:00	25	5803	0.538	25	5803	0.061	25	5803	0.599
08:00 - 08:30	25	5803	0.863	25	5803	0.091	25	5803	0.954
08:30 - 09:00	25	5803	0.877	25	5803	0.116	25	5803	0.993
09:00 - 09:30	25	5803	0.661	25	5803	0.131	25	5803	0.792
09:30 - 10:00	25	5803	0.376	25	5803	0.141	25	5803	0.517
10:00 - 10:30	25	5803	0.247	25	5803	0.144	25	5803	0.391
10:30 - 11:00	25	5803	0.217	25	5803	0.130	25	5803	0.347
11:00 - 11:30	25	5803	0.172	25	5803	0.157	25	5803	0.329
11:30 - 12:00	25	5803	0.166	25	5803	0.168	25	5803	0.334
12:00 - 12:30	25	5803	0.144	25	5803	0.207	25	5803	0.351
12:30 - 13:00	25	5803	0.192	25	5803	0.219	25	5803	0.411
13:00 - 13:30	25	5803	0.231	25	5803	0.209	25	5803	0.440
13:30 - 14:00	25	5803	0.225	25	5803	0.161	25	5803	0.386
14:00 - 14:30	25	5803	0.197	25	5803	0.159	25	5803	0.356
14:30 - 15:00	25	5803	0.159	25	5803	0.201	25	5803	0.360
15:00 - 15:30	25	5803	0.125	25	5803	0.236	25	5803	0.361
15:30 - 16:00	25	5803	0.139	25	5803	0.280	25	5803	0.419
16:00 - 16:30	25	5803	0.128	25	5803	0.523	25	5803	0.651
16:30 - 17:00	25	5803	0.099	25	5803	0.616	25	5803	0.715
17:00 - 17:30	25	5803	0.114	25	5803	0.891	25	5803	1.005
17:30 - 18:00	25	5803	0.070	25	5803	0.623	25	5803	0.693
18:00 - 18:30	25	5803	0.041	25	5803	0.363	25	5803	0.404
18:30 - 19:00	25	5803	0.017	25	5803	0.183	25	5803	0.200
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:			6.426			6.075			12.501

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:	645 - 19974 (units: sqm)
Survey date date range:	01/01/05 - 24/09/13
Number of weekdays (Monday-Friday):	25
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	5

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30	1	11375	0.000	1	11375	0.000	1	11375	0.000
06:30 - 07:00	1	11375	0.018	1	11375	0.000	1	11375	0.018
07:00 - 07:30	15	12655	0.073	15	12655	0.042	15	12655	0.115
07:30 - 08:00	15	12655	0.185	15	12655	0.040	15	12655	0.225
08:00 - 08:30	15	12655	0.241	15	12655	0.037	15	12655	0.278
08:30 - 09:00	15	12655	0.172	15	12655	0.036	15	12655	0.208
09:00 - 09:30	15	12655	0.081	15	12655	0.036	15	12655	0.117
09:30 - 10:00	15	12655	0.055	15	12655	0.037	15	12655	0.092
10:00 - 10:30	15	12655	0.043	15	12655	0.043	15	12655	0.086
10:30 - 11:00	15	12655	0.040	15	12655	0.033	15	12655	0.073
11:00 - 11:30	15	12655	0.039	15	12655	0.028	15	12655	0.067
11:30 - 12:00	15	12655	0.044	15	12655	0.040	15	12655	0.084
12:00 - 12:30	15	12655	0.043	15	12655	0.066	15	12655	0.109
12:30 - 13:00	15	12655	0.050	15	12655	0.058	15	12655	0.108
13:00 - 13:30	15	12655	0.087	15	12655	0.072	15	12655	0.159
13:30 - 14:00	15	12655	0.131	15	12655	0.057	15	12655	0.188
14:00 - 14:30	15	12655	0.070	15	12655	0.170	15	12655	0.240
14:30 - 15:00	15	12655	0.075	15	12655	0.067	15	12655	0.142
15:00 - 15:30	15	12655	0.048	15	12655	0.089	15	12655	0.137
15:30 - 16:00	15	12655	0.043	15	12655	0.077	15	12655	0.120
16:00 - 16:30	15	12655	0.031	15	12655	0.073	15	12655	0.104
16:30 - 17:00	15	12655	0.043	15	12655	0.150	15	12655	0.193
17:00 - 17:30	15	12655	0.025	15	12655	0.127	15	12655	0.152
17:30 - 18:00	15	12655	0.023	15	12655	0.205	15	12655	0.228
18:00 - 18:30	15	12655	0.025	15	12655	0.095	15	12655	0.120
18:30 - 19:00	15	12655	0.024	15	12655	0.062	15	12655	0.086
19:00 - 19:30	1	11375	0.000	1	11375	0.062	1	11375	0.062
19:30 - 20:00	1	11375	0.018	1	11375	0.062	1	11375	0.080
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:			1.727			1.864			3.591

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:	645 - 43325 (units: sqm)
Survey date date range:	01/01/05 - 12/07/13
Number of weekdays (Monday-Friday):	15
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

Appendix 4

TRICS Data for Calver Park

TRIP RATE for Land Use 14 - CAR SHOW ROOMS/A - CAR SHOW ROOMS
VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	4141	0.258	3	4141	0.089	3	4141	0.347
08:00 - 09:00	3	4141	0.708	3	4141	0.370	3	4141	1.078
09:00 - 10:00	3	4141	0.700	3	4141	0.419	3	4141	1.119
10:00 - 11:00	3	4141	0.427	3	4141	0.346	3	4141	0.773
11:00 - 12:00	3	4141	0.427	3	4141	0.410	3	4141	0.837
12:00 - 13:00	3	4141	0.475	3	4141	0.499	3	4141	0.974
13:00 - 14:00	3	4141	0.435	3	4141	0.435	3	4141	0.870
14:00 - 15:00	3	4141	0.443	3	4141	0.459	3	4141	0.902
15:00 - 16:00	3	4141	0.467	3	4141	0.459	3	4141	0.926
16:00 - 17:00	3	4141	0.314	3	4141	0.531	3	4141	0.845
17:00 - 18:00	3	4141	0.346	3	4141	0.467	3	4141	0.813
18:00 - 19:00	3	4141	0.080	3	4141	0.435	3	4141	0.515
19:00 - 20:00	1	3324	0.000	1	3324	0.602	1	3324	0.602
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			5.080			5.521			10.601

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: 3324 - 5700 (units: sqm)
 Survey date date range: 01/01/07 - 24/09/13
 Number of weekdays (Monday-Friday): 3
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys manually removed from selection: 1

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	12	1961	0.119	12	1961	0.030	12	1961	0.149
07:30 - 08:00	12	1961	0.348	12	1961	0.025	12	1961	0.373
08:00 - 08:30	12	1961	0.259	12	1961	0.047	12	1961	0.306
08:30 - 09:00	12	1961	0.280	12	1961	0.098	12	1961	0.378
09:00 - 09:30	12	1961	0.136	12	1961	0.089	12	1961	0.225
09:30 - 10:00	12	1961	0.153	12	1961	0.106	12	1961	0.259
10:00 - 10:30	12	1961	0.115	12	1961	0.123	12	1961	0.238
10:30 - 11:00	12	1961	0.102	12	1961	0.085	12	1961	0.187
11:00 - 11:30	12	1961	0.102	12	1961	0.076	12	1961	0.178
11:30 - 12:00	12	1961	0.076	12	1961	0.076	12	1961	0.152
12:00 - 12:30	12	1961	0.076	12	1961	0.127	12	1961	0.203
12:30 - 13:00	12	1961	0.110	12	1961	0.149	12	1961	0.259
13:00 - 13:30	12	1961	0.132	12	1961	0.115	12	1961	0.247
13:30 - 14:00	12	1961	0.144	12	1961	0.089	12	1961	0.233
14:00 - 14:30	12	1961	0.136	12	1961	0.102	12	1961	0.238
14:30 - 15:00	12	1961	0.136	12	1961	0.132	12	1961	0.268
15:00 - 15:30	12	1961	0.081	12	1961	0.127	12	1961	0.208
15:30 - 16:00	12	1961	0.123	12	1961	0.157	12	1961	0.280
16:00 - 16:30	12	1961	0.106	12	1961	0.204	12	1961	0.310
16:30 - 17:00	12	1961	0.059	12	1961	0.348	12	1961	0.407
17:00 - 17:30	12	1961	0.025	12	1961	0.353	12	1961	0.378
17:30 - 18:00	12	1961	0.025	12	1961	0.221	12	1961	0.246
18:00 - 18:30	11	1694	0.000	11	1694	0.075	11	1694	0.075
18:30 - 19:00	11	1694	0.005	11	1694	0.043	11	1694	0.048
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:			2.848			2.997			5.845

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.

TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)
 VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	7	2405	0.071	7	2405	0.048	7	2405	0.119
07:30 - 08:00	8	2198	0.148	8	2198	0.080	8	2198	0.228
08:00 - 08:30	8	2198	0.165	8	2198	0.051	8	2198	0.216
08:30 - 09:00	8	2198	0.188	8	2198	0.097	8	2198	0.285
09:00 - 09:30	8	2198	0.108	8	2198	0.148	8	2198	0.256
09:30 - 10:00	8	2198	0.074	8	2198	0.091	8	2198	0.165
10:00 - 10:30	8	2198	0.080	8	2198	0.063	8	2198	0.143
10:30 - 11:00	8	2198	0.074	8	2198	0.085	8	2198	0.159
11:00 - 11:30	8	2198	0.080	8	2198	0.074	8	2198	0.154
11:30 - 12:00	8	2198	0.097	8	2198	0.057	8	2198	0.154
12:00 - 12:30	8	2198	0.114	8	2198	0.125	8	2198	0.239
12:30 - 13:00	8	2198	0.125	8	2198	0.057	8	2198	0.182
13:00 - 13:30	8	2198	0.119	8	2198	0.131	8	2198	0.250
13:30 - 14:00	8	2198	0.097	8	2198	0.080	8	2198	0.177
14:00 - 14:30	8	2198	0.114	8	2198	0.136	8	2198	0.250
14:30 - 15:00	8	2198	0.125	8	2198	0.097	8	2198	0.222
15:00 - 15:30	8	2198	0.080	8	2198	0.142	8	2198	0.222
15:30 - 16:00	8	2198	0.119	8	2198	0.108	8	2198	0.227
16:00 - 16:30	8	2198	0.091	8	2198	0.125	8	2198	0.216
16:30 - 17:00	8	2198	0.080	8	2198	0.131	8	2198	0.211
17:00 - 17:30	8	2198	0.091	8	2198	0.148	8	2198	0.239
17:30 - 18:00	8	2198	0.045	8	2198	0.114	8	2198	0.159
18:00 - 18:30	8	2198	0.017	8	2198	0.108	8	2198	0.125
18:30 - 19:00	8	2198	0.000	8	2198	0.040	8	2198	0.040
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:			2.302			2.336			4.638

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.

Appendix 26

Junction Modelling Reports

(Provided on Accompanying CD)

<h1>Junctions 9</h1>
PICADY 9 - Priority Intersection Module
Version: 9.0.1.4646 [] © Copyright TRL Limited, 2016
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Filename: 1107 Birch Ave jw A49 AM PM 2019 with development.j9
Path: C:\Users\Fiona\OneDrive - Highgate Transportation\1100 - Projects\1107 - Peel Hall, Warrington\Modelling\PICADY\July16 TA Sub
Report generation date: 04/07/2016 11:05:45

»2019, AM
 »2019, PM

Summary of junction performance

	AM								PM							
	Q (Veh)	Q95 (Veh)	Delay (s)	RFC	LOS	Junction Delay (s)	Junction LOS	Res Cap	Q (Veh)	Q95 (Veh)	Delay (s)	RFC	LOS	Junction Delay (s)	Junction LOS	Res Cap
2019																
Stream B-AC	0.1	0.5	11.44	0.11	B	0.19	A	44 %	0.1	0.5	9.16	0.07	A	0.14	A	73 %
Stream C-B	0.0	~1	0.00	0.00	A			[Stream B-AC]	0.0	~1	0.00	0.00	A			[Stream B-AC]

There are warnings associated with one or more model runs - see the 'Data Errors and Warnings' tables for each Analysis or Demand Set.

Values shown are the highest values encountered over all time segments. Delay is the maximum value of Av. delay per arriving vehicle. Junction LOS and Junction Delay are demand-weighted Av.s. Res Cap indicates the amount by which network flow could be increased before a user-definable threshold (see Analysis Options) is met.

File summary

File Description

Title	(untitled)
Location	
Site number	
Date	27/06/2016
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	DESKTOP-MD9GBJC\Fiona
Description	

Units

Distance units	Speed units	Traffic units input	Traffic units results	Flow units	Av. delay units	Total delay units	Rate of delay units
m	kph	Veh	Veh	perHour	s	-Min	perMin

Analysis Options

Calculate Q Percentiles	Calculate residual capacity	Residual capacity criteria type	RFC Threshold	Av. Delay threshold (s)	Q threshold (PCU)
✓	✓	Delay	0.85	36.00	20.00

Demand Set Summary

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2019	AM	ONE HOUR	07:45	09:15	15
D2	2019	PM	ONE HOUR	16:45	18:15	15

Analysis Set Details

ID	Network flow scaling factor (%)

A1	100.000
----	---------

2019, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Queue variations	Analysis Options	Q percentiles may be unreliable if the mean queue in any time segment is very low or very high.

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	Birch Avenue jw A49	T-Junction	Two-way	0.19	A

Junction Network Options

Driving side	Lighting	Res Cap (%)	First arm reaching threshold
Left	Normal/unknown	44	Stream B-AC

Arms

Arms

Arm	Name	Description	Arm type
A	A49 North	(left turn in)	Major
B	Birch Ave	(left turn out only)	Minor
C	A49 South	southbound only	Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right turn bay	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C	14.90			250.0		-

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

Minor Arm Geometry

Arm	Minor arm type	Lane width (m)	Visibility to left (m)	Visibility to right (m)
B	One lane	4.54	250	100

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (Veh/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
1	B-A	707	0.079	0.200	0.126	0.285
1	B-C	793	0.074	0.188	-	-
1	C-B	719	0.171	0.171	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2019	AM	ONE HOUR	07:45	09:15	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Av. Demand (Veh/hr)	Scaling Factor (%)

A		✓	1995	100.000
B		✓	36	100.000
C		✓	0	100.000

Origin-Destination Data

Demand (Veh/hr)

		To		
		A	B	C
From	A	0	27	1968
	B	0	0	36
	C	0	0	0

Vehicle Mix

HV %s

		To		
		A	B	C
From	A	0	0	7
	B	0	0	0
	C	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Q (Veh)	Max Q95 (Veh)	Max LOS
B-AC	0.11	11.44	0.1	0.5	B
C-A					
C-B	0.00	0.00	0.0	~1	A
A-B					
A-C					

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
B-AC	27	493	0.055	27	0.1	7.721	A
C-A	0			0			
C-B	0	445	0.000	0	0.0	0.000	A
A-B	20			20			
A-C	1482			1482			

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
B-AC	32	435	0.074	32	0.1	8.944	A
C-A	0			0			
C-B	0	392	0.000	0	0.0	0.000	A
A-B	24			24			
A-C	1769			1769			

08:15 - 08:30

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
B-AC	40	354	0.112	39	0.1	11.433	B
C-A	0			0			
C-B	0	318	0.000	0	0.0	0.000	A
A-B	30			30			
A-C	2167			2167			

08:30 - 08:45

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
B-AC	40	354	0.112	40	0.1	11.445	B
C-A	0			0			
C-B	0	318	0.000	0	0.0	0.000	A
A-B	30			30			
A-C	2167			2167			

08:45 - 09:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
B-AC	32	435	0.074	33	0.1	8.957	A
C-A	0			0			
C-B	0	392	0.000	0	0.0	0.000	A
A-B	24			24			
A-C	1769			1769			

09:00 - 09:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
B-AC	27	493	0.055	27	0.1	7.731	A
C-A	0			0			
C-B	0	445	0.000	0	0.0	0.000	A
A-B	20			20			
A-C	1482			1482			

Q Variation Results for each time segment

07:45 - 08:00

Stream	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
B-AC	0.06	0.00	0.00	0.06	0.06			N/A	N/A
C-B	0.00	0.00	0.00	0.00	0.00			N/A	N/A

08:00 - 08:15

Stream	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
B-AC	0.08	0.03	0.25	0.45	0.48			N/A	N/A
C-B	0.00	0.00	0.00	0.00	0.00			N/A	N/A

08:15 - 08:30

Stream	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
B-AC	0.12	0.03	0.26	0.47	0.50			N/A	N/A
C-B	0.00	0.00	0.00	0.00	0.00			N/A	N/A

08:30 - 08:45

Stream	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
B-AC	0.13	0.03	0.25	0.45	0.48			N/A	N/A
C-B	0.00	0.00	0.00	0.00	0.00			N/A	N/A

08:45 - 09:00

Stream	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
B-AC	0.08	0.00	0.00	0.08	0.08			N/A	N/A
C-B	0.00	0.00	0.00	0.00	0.00			N/A	N/A

09:00 - 09:15

Stream	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
B-AC	0.06	0.00	0.00	0.06	0.06			N/A	N/A
C-B	0.00	0.00	0.00	0.00	0.00			N/A	N/A

2019, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Queue variations	Analysis Options	Q percentiles may be unreliable if the mean queue in any time segment is very low or very high.

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	Birch Avenue jw A49	T-Junction	Two-way	0.14	A

Junction Network Options

Driving side	Lighting	Res Cap (%)	First arm reaching threshold
Left	Normal/unknown	73	Stream B-AC

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D2	2019	PM	ONE HOUR	16:45	18:15	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Av. Demand (Veh/hr)	Scaling Factor (%)
A		✓	1700	100.000
B		✓	28	100.000
C		✓	0	100.000

Origin-Destination Data

Demand (Veh/hr)

		To		
		A	B	C
From	A	0	33	1667
	B	0	0	28
	C	0	0	0

Vehicle Mix

HV %s

		To		
		A	B	C
From	A	0	0	6
	B	0	0	0
	C	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Q (Veh)	Max Q95 (Veh)	Max LOS
B-AC	0.07	9.16	0.1	0.5	A
C-A					
C-B	0.00	0.00	0.0	~1	A

A-B					
A-C					

Main Results for each time segment

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
B-AC	21	541	0.039	21	0.0	6.926	A
C-A	0			0			
C-B	0	487	0.000	0	0.0	0.000	A
A-B	25			25			
A-C	1255			1255			

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
B-AC	25	492	0.051	25	0.1	7.716	A
C-A	0			0			
C-B	0	443	0.000	0	0.0	0.000	A
A-B	30			30			
A-C	1499			1499			

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
B-AC	31	424	0.073	31	0.1	9.155	A
C-A	0			0			
C-B	0	381	0.000	0	0.0	0.000	A
A-B	36			36			
A-C	1835			1835			

17:30 - 17:45

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
B-AC	31	424	0.073	31	0.1	9.158	A
C-A	0			0			
C-B	0	381	0.000	0	0.0	0.000	A
A-B	36			36			
A-C	1835			1835			

17:45 - 18:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
B-AC	25	492	0.051	25	0.1	7.723	A
C-A	0			0			
C-B	0	443	0.000	0	0.0	0.000	A
A-B	30			30			
A-C	1499			1499			

18:00 - 18:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
B-AC	21	541	0.039	21	0.0	6.933	A
C-A	0			0			
C-B	0	487	0.000	0	0.0	0.000	A
A-B	25			25			
A-C	1255			1255			

Q Variation Results for each time segment

16:45 - 17:00

Stream	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker

B-AC	0.04	0.00	0.00	0.04	0.04			N/A	N/A
C-B	0.00	0.00	0.00	0.00	0.00			N/A	N/A

17:00 - 17:15

Stream	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
B-AC	0.05	0.03	0.25	0.45	0.48			N/A	N/A
C-B	0.00	0.00	0.00	0.00	0.00			N/A	N/A

17:15 - 17:30

Stream	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
B-AC	0.08	0.03	0.26	0.47	0.49			N/A	N/A
C-B	0.00	0.00	0.00	0.00	0.00			N/A	N/A

17:30 - 17:45

Stream	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
B-AC	0.08	0.00	0.00	0.08	0.08			N/A	N/A
C-B	0.00	0.00	0.00	0.00	0.00			N/A	N/A

17:45 - 18:00

Stream	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
B-AC	0.05	0.00	0.00	0.05	0.05			N/A	N/A
C-B	0.00	0.00	0.00	0.00	0.00			N/A	N/A

18:00 - 18:15

Stream	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
B-AC	0.04	0.00	0.00	0.04	0.04			N/A	N/A
C-B	0.00	0.00	0.00	0.00	0.00			N/A	N/A

<h1>Junctions 9</h1>
<h2>ARCADY 9 - Roundabout Module</h2>
Version: 9.0.1.4646 [] © Copyright TRL Limited, 2016
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Filename: 2019 with development AM PM.j9

Path: C:\Users\Fiona\OneDrive - Highgate Transportation\1100 - Projects\1107 - Peel Hall, Warrington\Modelling\ARCADY\Mill Lane_Blackbrook Ave_Site

Report generation date: 04/07/2016 11:07:39

»2019 with development, AM

»2019 with development, PM

Summary of junction performance

	AM								PM							
	Q (Veh)	Q95 (Veh)	Delay (s)	RFC	LOS	Junction Delay (s)	Junction LOS	Res Cap	Q (Veh)	Q95 (Veh)	Delay (s)	RFC	LOS	Junction Delay (s)	Junction LOS	Res Cap
2019 with development																
Arm 1	0.4	1.5	3.73	0.26	A	6.51	A	25 % [Arm 2]	0.2	0.5	3.72	0.17	A	3.36	A	128 % [Arm 3]
Arm 2	2.5	7.4	9.84	0.72	A				0.6	2.6	4.06	0.36	A			
Arm 3	0.3	1.3	2.27	0.25	A				0.7	2.6	2.88	0.41	A			

There are warnings associated with one or more model runs - see the 'Data Errors and Warnings' tables for each Analysis or Demand Set.

Values shown are the highest values encountered over all time segments. Delay is the maximum value of Av. delay per arriving vehicle. Junction LOS and Junction Delay are demand-weighted Av.s. Res Cap indicates the amount by which network flow could be increased before a user-definable threshold (see Analysis Options) is met.

File summary

File Description

Title	(untitled)
Location	
Site number	
Date	18/05/2016
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	DESKTOP-MD9GBJC\Fiona
Description	

Units

Distance units	Speed units	Traffic units input	Traffic units results	Flow units	Av. delay units	Total delay units	Rate of delay units
m	kph	Veh	Veh	perHour	s	-Min	perMin

Analysis Options

Calculate Q Percentiles	Calculate residual capacity	Residual capacity criteria type	RFC Threshold	Av. Delay threshold (s)	Q threshold (PCU)
✓	✓	Delay	0.85	36.00	20.00

Demand Set Summary

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2019 with development	AM	ONE HOUR	07:45	09:15	15
D2	2019 with development	PM	ONE HOUR	16:45	18:15	15

Analysis Set Details

ID	Network flow scaling factor (%)
A1	100.000

2019 with development, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Queue variations	Analysis Options	Q percentiles may be unreliable if the mean queue in any time segment is very low or very high.

Junction Network

Junctions

Junction	Name	Junction Type	Junction Delay (s)	Junction LOS
1	untitled	Standard Roundabout	6.51	A

Junction Network Options

Driving side	Lighting	Res Cap (%)	First arm reaching threshold
Left	Normal/unknown	25	Arm 2

Arms

Arms

Arm	Name	Description
1	Site	
2	Mill Lane N	
3	untitled	

Roundabout Geometry

Arm	V (m)	E (m)	I' (m)	R (m)	D (m)	PHI (deg)	Exit only
1	3.65	7.35	20.0	11.0	36.0	56.0	
2	3.50	7.80	10.0	20.0	36.0	31.0	
3	7.00	8.00	10.0	30.0	36.0	38.0	

Slope / Intercept / Capacity

Roundabout Slope and Intercept used in model

Arm	Final slope	Final intercept (PCU/hr)
1	0.585	1574
2	0.629	1603
3	0.772	2324

The slope and intercept shown above include any corrections and adjustments.

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2019 with development	AM	ONE HOUR	07:45	09:15	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Av. Demand (Veh/hr)	Scaling Factor (%)

1		✓	313	100.000
2		✓	847	100.000
3		✓	487	100.000

Origin-Destination Data

Demand (Veh/hr)

		To		
		1	2	3
From	1	0	50	263
	2	42	0	805
	3	112	375	0

Vehicle Mix

HV %s

		To		
		1	2	3
From	1	0	0	0
	2	0	0	10
	3	0	10	0

Results

Results Summary for whole modelled period

Arm	Max RFC	Max delay (s)	Max Q (Veh)	Max Q95 (Veh)	Max LOS
1	0.26	3.73	0.4	1.5	A
2	0.72	9.84	2.5	7.4	A
3	0.25	2.27	0.3	1.3	A

Main Results for each time segment

07:45 - 08:00

Arm	Total Demand (Veh/hr)	Circulating flow (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
1	236	282	1393	0.169	235	0.2	3.106	A
2	638	197	1351	0.472	634	0.9	5.000	A
3	367	31	2135	0.172	366	0.2	2.033	A

08:00 - 08:15

Arm	Total Demand (Veh/hr)	Circulating flow (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
1	281	337	1358	0.207	281	0.3	3.343	A
2	761	236	1328	0.573	760	1.3	6.312	A
3	438	38	2130	0.206	438	0.3	2.126	A

08:15 - 08:30

Arm	Total Demand (Veh/hr)	Circulating flow (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
1	345	413	1309	0.263	344	0.4	3.728	A
2	933	289	1298	0.719	928	2.5	9.613	A
3	536	46	2124	0.252	536	0.3	2.266	A

08:30 - 08:45

Arm	Total Demand	Circulating	Capacity	RFC	Throughput	End queue	Delay (s)	LOS
-----	--------------	-------------	----------	-----	------------	-----------	-----------	-----

	(Veh/hr)	flow (Veh/hr)	(Veh/hr)		(Veh/hr)	(Veh)		
1	345	413	1309	0.263	345	0.4	3.732	A
2	933	290	1298	0.719	932	2.5	9.841	A
3	536	46	2124	0.252	536	0.3	2.266	A

08:45 - 09:00

Arm	Total Demand (Veh/hr)	Circulating flow (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
1	281	337	1357	0.207	282	0.3	3.349	A
2	761	237	1328	0.573	766	1.4	6.455	A
3	438	38	2130	0.206	438	0.3	2.129	A

09:00 - 09:15

Arm	Total Demand (Veh/hr)	Circulating flow (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
1	236	282	1393	0.169	236	0.2	3.111	A
2	638	198	1350	0.472	640	0.9	5.078	A
3	367	32	2135	0.172	367	0.2	2.037	A

Q Variation Results for each time segment**07:45 - 08:00**

Arm	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
1	0.20	0.00	0.00	0.20	0.20			N/A	N/A
2	0.88	0.55	1.00	1.40	1.45			N/A	N/A
3	0.21	0.00	0.00	0.21	0.21			N/A	N/A

08:00 - 08:15

Arm	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
1	0.26	0.00	0.00	0.26	0.26			N/A	N/A
2	1.32	0.06	0.81	2.92	4.19			N/A	N/A
3	0.26	0.00	0.00	0.26	0.26			N/A	N/A

08:15 - 08:30

Arm	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
1	0.36	0.03	0.25	0.45	0.48			N/A	N/A
2	2.46	0.03	0.28	2.46	7.39			N/A	N/A
3	0.34	0.03	0.25	0.45	0.48			N/A	N/A

08:30 - 08:45

Arm	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
1	0.36	0.03	0.32	1.20	1.47			N/A	N/A
2	2.51	0.03	0.27	2.51	2.67			N/A	N/A
3	0.34	0.03	0.32	1.11	1.35			N/A	N/A

08:45 - 09:00

Arm	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
1	0.26	0.00	0.00	0.26	0.26			N/A	N/A
2	1.37	0.07	0.94	2.88	3.98			N/A	N/A
3	0.26	0.00	0.00	0.26	0.26			N/A	N/A

09:00 - 09:15

Arm	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
1	0.20	0.00	0.00	0.20	0.20			N/A	N/A
2	0.90	0.04	0.44	1.99	3.11			N/A	N/A
3	0.21	0.00	0.00	0.21	0.21			N/A	N/A

2019 with development, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Queue variations	Analysis Options	Q percentiles may be unreliable if the mean queue in any time segment is very low or very high.

Junction Network

Junctions

Junction	Name	Junction Type	Junction Delay (s)	Junction LOS
1	untitled	Standard Roundabout	3.36	A

Junction Network Options

Driving side	Lighting	Res Cap (%)	First arm reaching threshold
Left	Normal/unknown	128	Arm 3

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D2	2019 with development	PM	ONE HOUR	16:45	18:15	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Av. Demand (Veh/hr)	Scaling Factor (%)
1		✓	186	100.000
2		✓	449	100.000
3		✓	779	100.000

Origin-Destination Data

Demand (Veh/hr)

		To		
		1	2	3
From	1	0	32	154
	2	76	0	373
	3	212	567	0

Vehicle Mix

HV %s

		To		
		1	2	3
From	1	0	0	0
	2	0	0	10
	3	0	10	0

Results

Results Summary for whole modelled period

Arm	Max RFC	Max delay (s)	Max Q (Veh)	Max Q95 (Veh)	Max LOS
1	0.17	3.72	0.2	0.5	A
2	0.36	4.06	0.6	2.6	A
3	0.41	2.88	0.7	2.6	A

Main Results for each time segment

16:45 - 17:00

Arm	Total Demand (Veh/hr)	Circulating flow (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
1	140	426	1301	0.108	140	0.1	3.098	A
2	338	116	1413	0.239	337	0.3	3.342	A
3	586	57	2125	0.276	585	0.4	2.335	A

17:00 - 17:15

Arm	Total Demand (Veh/hr)	Circulating flow (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
1	167	509	1247	0.134	167	0.2	3.333	A
2	404	138	1400	0.288	403	0.4	3.612	A
3	700	68	2117	0.331	700	0.5	2.540	A

17:15 - 17:30

Arm	Total Demand (Veh/hr)	Circulating flow (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
1	205	624	1173	0.175	205	0.2	3.716	A
2	494	169	1382	0.358	494	0.6	4.051	A
3	858	84	2106	0.407	857	0.7	2.881	A

17:30 - 17:45

Arm	Total Demand (Veh/hr)	Circulating flow (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
1	205	624	1173	0.175	205	0.2	3.717	A
2	494	170	1382	0.358	494	0.6	4.056	A
3	858	84	2106	0.407	858	0.7	2.883	A

17:45 - 18:00

Arm	Total Demand (Veh/hr)	Circulating flow (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
1	167	510	1246	0.134	167	0.2	3.339	A
2	404	139	1400	0.288	404	0.4	3.620	A
3	700	68	2117	0.331	701	0.5	2.545	A

18:00 - 18:15

Arm	Total Demand (Veh/hr)	Circulating flow (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
1	140	427	1300	0.108	140	0.1	3.106	A
2	338	116	1413	0.239	338	0.3	3.353	A
3	586	57	2125	0.276	587	0.4	2.341	A

Q Variation Results for each time segment

16:45 - 17:00

	Mean	Q05	Q50	Q90	Q95	Percentile	Marker	Probability of reaching or	Probability of exactly
--	------	-----	-----	-----	-----	------------	--------	----------------------------	------------------------

Arm	(Veh)	(Veh)	(Veh)	(Veh)	(Veh)	message	message	exceeding marker	reaching marker
1	0.12	0.00	0.00	0.12	0.12			N/A	N/A
2	0.31	0.00	0.00	0.31	0.31			N/A	N/A
3	0.38	0.00	0.00	0.38	0.38			N/A	N/A

17:00 - 17:15

Arm	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
1	0.15	0.00	0.00	0.15	0.15			N/A	N/A
2	0.40	0.00	0.00	0.40	0.40			N/A	N/A
3	0.49	0.00	0.00	0.49	0.49			N/A	N/A

17:15 - 17:30

Arm	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
1	0.21	0.03	0.25	0.46	0.48			N/A	N/A
2	0.55	0.03	0.25	0.55	0.55			N/A	N/A
3	0.68	0.03	0.25	0.68	0.68			N/A	N/A

17:30 - 17:45

Arm	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
1	0.21	0.03	0.25	0.45	0.48			N/A	N/A
2	0.56	0.03	0.29	1.29	2.58			N/A	N/A
3	0.69	0.03	0.28	0.73	2.56			N/A	N/A

17:45 - 18:00

Arm	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
1	0.16	0.00	0.00	0.16	0.16			N/A	N/A
2	0.41	0.00	0.00	0.41	0.41			N/A	N/A
3	0.50	0.00	0.00	0.50	0.50			N/A	N/A

18:00 - 18:15

Arm	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
1	0.12	0.00	0.00	0.12	0.12			N/A	N/A
2	0.32	0.00	0.00	0.32	0.32			N/A	N/A
3	0.38	0.00	0.00	0.38	0.38			N/A	N/A

FunctionC9
PDS- T 9 bPriority DterCestion u odf le
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Filename: Mill Lane 2019 +DEV.j9

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Report generation date: 04/07/2016 11:01:19

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	Su							Pu						
	Q (Veh)	Q95 (Veh)	- elaj (C)	RFY	l f nstion - elaj (C)	l f nstion LOy	ReC Yap	Q (Veh)	Q95 (Veh)	- elaj (C)	RFY	l f nstion - elaj (C)	l f nstion LOy	ReC Yap
2019 , ith deAel														
ytreame BtY	0.0	0.5	6.34	0.04	1.33	A	25 %	0.0	0.5	6.52	0.03	1.15	A	47 %
ytreame BtS	0.5	2.2	18.63	0.34			[Stream B-A]	0.3	1.3	14.54	0.21			[Stream B-A]
ytreame YtSB	0.0	0.5	7.01	0.03			0.1	0.5	7.99	0.10				

There are warnings associated with one or more model runs - see the 'Data Errors and Warnings' tables for each Analysis or Demand Set.

Values shown are the highest values encountered over all time segments. Delay is the maximum value of Av. delay per arriving vehicle. Junction LOS and Junction Delay are demand-weighted Av.s. Res Cap indicates the amount by which network flow could be increased before a user-definable threshold (see Analysis Options) is met.

File Cf mmarj

File - eCsription

witle	(untitled)
Losation	
yite nf mver	
- ate	18/05/2016
VerCion	
yatf C	(new file)
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- eCsription	

UnitC

- iCtanse f nitC	ypeed f nitC	wraçis f nitC inpf t	wraçis f nitC reCf ItC	Flo, f nitC	SA delaj f nitC	wotal delaj f nitC	Rate oc delaj f nitC
m	kph	Veh	Veh	perHour	s	-Min	perMin

Snalj COptionC

Yalsf late Q PercentileC	Yalsf late reCidf al sapisitj	ReCidf al sapisitj sriteria tj pe	RFY whreChold	SA - elaj threChold (C)	Q threChold (PYU)
✓	✓	Delay	0.85	36.00	20.00

- emand yet yf mmarj

D	ysenario name	wime Period name	wraçs proðle tj pe	y tart time (HH:mm)	FiniCh time (HH:mm)	wime Cegment length (min)
- N	2019 with devel	AM	ONE HOUR	07:45	09:15	15
- k	2019 with devel	PM	ONE HOUR	16:45	18:15	15

Snalj ÇCyet - etaiC

D	%et, orWdo, Çsaling çastor (G)
S1	100.000

2019 , ith deAeIMSu

- ata ErrorCand / arningC

yeAeritj	Srea	Dem	- eCsription
Warning	Queue variations	Analysis Options	Q percentiles may be unreliable if the mean queue in any time segment is very low or very high.

I f nstion %æt, orW

I f nstionC

I f nstion	%ame	I f nstion wj pe	u a.br road direstion	I f nstion - elaj (C)	I f nstion LOy
1	Mill Lane/Delph Lane	T-Junction	Two-way	1.33	A

I f nstion %æt, orWOptionC

- riAing Cide	Lighting	ReCYap (G)	FirCt arm reashing threChold
Left	Normal/unknown	25	Stream B-A

SrmC

SrmC

Srm	%ame	- eCsription	Srm tj pe
S	Mill Lane S		Major
B	Mill Lane/Site		Minor
Y	Delph Lane		Major

u a.br Srm ? eometrj

Srm	/ idth ocsarriage, aj (m)	HaC Werved sentral reCerAe	HaC right tf rn vaj	ViCvilitj oor right tf rn (m)	BlosWcx	BlosWing 7f efe (PYU)
Y	7.30			80.0	✓	1.00

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

u inor Srm ? eometrj

Srm	u inor arm tj pe	Lane / idth (Led) (m)	Lane / idth (Right) (m)	ViCvilitj to led (m)	ViCvilitj to right (m)
B	Two lanes	5.00	3.80	42	56

ylope qDtersept qYapasitj

Prioritj DterCestion ylopeCand DterseptC

I f nstion	ytreame	Dtersept (Vehqr)	ylope oor S1B	ylope oor S1Y	ylope oor Y1B	ylope oor Y1Y
1	B-A	560	0.096	0.243	0.153	0.348
1	B-C	791	0.114	0.289	-	-
1	C-B	620	0.227	0.227	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

wraads - emand

- emand yet - etailC

D	yscenario name	wime Period name	wraads proidle tj pe	y tart time (HH:mm)	FiniCh time (HH:mm)	wime Cegment length (min)
- N	2019 with devel	AM	ONE HOUR	07:45	09:15	15

Vehisile mi4 Cof rse	PYU Factor ar a HV (PYU)
HV Percentages	2.00

- emand oAerAie, (wraais)

Srm	LinWd arm	UCe Ob data	SA - emand (Vehqr)	ysaling Factor (G)
S		✓	425	100.000
B		✓	113	100.000
Y		✓	787	100.000

Originb eCtination - ata

- emand (Vehqr)

		wo			
		S	B	Y	
From	S	0	30	395	
	B	90	0	23	
	Y	774	13	0	

Vehisile u i4

HV GC

		wo			
		S	B	Y	
From	S	0	0	10	
	B	0	0	0	
	Y	10	0	0	

ReCf ItC

ReCf ItCyf mmarj ar , hole modelled period

ytream	u a4 RFY	u a4 delaj (C)	u a4 Q (Veh)	u a4 Q95 (Veh)	u a4 LOy
BbY	0.04	6.34	0.0	0.5	A
BtS	0.34	18.63	0.5	2.2	C
YtSB	0.03	7.01	0.0	0.5	A
YtS					
StB					
SbY					

u ain ReCf ItC ar eash time Cegment

08:k5 b03:00

ytream	wotal - emand (Vehqr)	Yapasitj (Vehqr)	RFY	whrof ghpf t (Vehqr)	End 7f ef e (Veh)	- elaj (C)	LOy
BbY	17	663	0.026	17	0.0	5.576	A
BtS	68	377	0.180	67	0.2	11.581	B
YtSB	10	552	0.018	10	0.0	6.646	A
YtS	583			583			
StB	23			23			
SbY	297			297			

03:00 b03:15

ytream	wotal - emand (Vehqr)	Yapasitj (Vehqr)	RFY	whrof ghpf t (Vehqr)	End 7f ef e (Veh)	- elaj (C)	LOy
BbY	21	635	0.033	21	0.0	5.862	A

BtS	81	341	0.237	81	0.3	13.779	B
YtSB	12	541	0.022	12	0.0	6.803	A
YtS	695			695			
StB	27			27			
SbY	355			355			

03:15 b03:N0

ytrean	wotal - emand (Vehqr)	Yapastij (Vehqr)	RFY	whrof ghpf t (Vehqr)	End 7f ef e (Veh)	- elaj (C)	LOy
BbY	25	593	0.043	25	0.0	6.337	A
BtS	99	292	0.339	98	0.5	18.490	C
YtSB	15	528	0.028	15	0.0	7.009	A
YtS	852			852			
StB	33			33			
SbY	435			435			

03:N0 b03:k5

ytrean	wotal - emand (Vehqr)	Yapastij (Vehqr)	RFY	whrof ghpf t (Vehqr)	End 7f ef e (Veh)	- elaj (C)	LOy
BbY	25	593	0.043	25	0.0	6.341	A
BtS	99	292	0.339	99	0.5	18.632	C
YtSB	15	529	0.028	15	0.0	7.012	A
YtS	852			852			
StB	33			33			
SbY	435			435			

03:k5 b09:00

ytrean	wotal - emand (Vehqr)	Yapastij (Vehqr)	RFY	whrof ghpf t (Vehqr)	End 7f ef e (Veh)	- elaj (C)	LOy
BbY	21	634	0.033	21	0.0	5.870	A
BtS	81	341	0.237	82	0.3	13.901	B
YtSB	12	542	0.022	12	0.0	6.804	A
YtS	695			695			
StB	27			27			
SbY	355			355			

09:00 b09:15

ytrean	wotal - emand (Vehqr)	Yapastij (Vehqr)	RFY	whrof ghpf t (Vehqr)	End 7f ef e (Veh)	- elaj (C)	LOy
BbY	17	662	0.026	17	0.0	5.584	A
BtS	68	377	0.180	68	0.2	11.668	B
YtSB	10	552	0.018	10	0.0	6.647	A
YtS	583			583			
StB	23			23			
SbY	297			297			

Q Variation ReCf ItC oor eash time Cegment

08:k5 b03:00

ytrean	u ean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Persentile meCCage	u arVér meCCage	Provavilitij ocreashing or e4seeding marVér	Provavilitij oce4astlj reashing marVér
BbY	0.03	0.00	0.00	0.03	0.03			N/A	N/A
BtS	0.22	0.00	0.00	0.22	0.22			N/A	N/A
YtSB	0.02	0.00	0.00	0.02	0.02			N/A	N/A

03:00 b03:15

ytrean	u ean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Persentile meCCage	u arVér meCCage	Provavilitij ocreashing or e4seeding marVér	Provavilitij oce4astlj reashing marVér
BbY	0.03	0.03	0.25	0.45	0.48			N/A	N/A
BtS	0.30	0.00	0.00	0.30	0.30			N/A	N/A
YtSB	0.02	0.02	0.25	0.45	0.48			N/A	N/A

03:15 t 03:N0

ytream	u ean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Persentile meCCage	u arVér meCCage	Provavilitj ocreashing or e4seeding marVér	Provavilitj oce4astlj reashing marVér
BbY	0.04	0.03	0.25	0.46	0.48			N/A	N/A
BtS	0.50	0.03	0.26	0.50	0.50			N/A	N/A
YtSB	0.03	0.00	0.00	0.03	0.03			N/A	N/A

03:NO b03:k5

ytream	u ean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Persentile meCCage	u arVér meCCage	Provavilitj ocreashing or e4seeding marVér	Provavilitj oce4astlj reashing marVér
BbY	0.04	0.00	0.00	0.04	0.04			N/A	N/A
BtS	0.51	0.03	0.31	1.44	2.24			N/A	N/A
YtSB	0.03	0.00	0.00	0.03	0.03			N/A	N/A

03:k5 b09:00

ytream	u ean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Persentile meCCage	u arVér meCCage	Provavilitj ocreashing or e4seeding marVér	Provavilitj oce4astlj reashing marVér
BbY	0.03	0.00	0.00	0.03	0.03			N/A	N/A
BtS	0.32	0.03	0.25	0.45	0.48			N/A	N/A
YtSB	0.02	0.00	0.00	0.02	0.02			N/A	N/A

09:00 b09:15

ytream	u ean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Persentile meCCage	u arVér meCCage	Provavilitj ocreashing or e4seeding marVér	Provavilitj oce4astlj reashing marVér
BbY	0.03	0.00	0.00	0.03	0.03			N/A	N/A
BtS	0.22	0.03	0.25	0.45	0.48			N/A	N/A
YtSB	0.02	0.00	0.00	0.02	0.02			N/A	N/A

2019 , ith deAeIMPu

- ata ErrorCand / arningC

yeAeritj	Srea	Dem	- eCsription
Warning	Queue variations	Analysis Options	Q percentiles may be unreliable if the mean queue in any time segment is very low or very high.

I f nstion %æt, orW

I f nstionC

I f nstion	%ame	I f nstion wj pe	u a.br road direstion	I f nstion - elaj (G)	I f nstion LOy
1	Mill Lane/Delph Lane	T-Junction	Two-way	1.15	A

I f nstion %æt, orWOptionC

- riAing Cide	Lighting	ReCYap (G)	FirCt arm reashing threChold
Left	Normal/unknown	47	Stream B-A

wraçs - emand

- emand yet - etailC

D	ysenario name	wime Period name	wraçs proðle tj pe	y tart time (HH:mm)	FiniCh time (HH:mm)	wime Cegment length (min)
- k	2019 with devel	PM	ONE HOUR	16:45	18:15	15

Vehisle mi4 Cof rse	PYU Fastor çor a HV (PYU)
HV Percentages	2.00

- emand oAerAie, (wraçs)

Srm	LinWed arm	UCe Ob data	SA - emand (Vehçr)	ysaling Fastor (G)
S		✓	599	100.000
B		✓	79	100.000
Y		✓	431	100.000

Originb eÇtination - ata

- emand (Vehçr)

		wo		
		S	B	Y
From	S	0	103	496
	B	61	0	18
	Y	388	43	0

Vehisle u i4

HV GC

		wo		
		S	B	Y
From	S	0	0	10
	B	0	0	0
	Y	10	0	0

ReCf ItC

ReCf ItCyf mmarj oor , hole modelled period

ytream	u a4 RFY	u a4 delaj (C)	u a4 Q (Veh)	u a4 Q95 (Veh)	u a4 LOy
BbY	0.03	6.52	0.0	0.5	A
BtS	0.21	14.54	0.3	1.3	B
YtSB	0.10	7.99	0.1	0.5	A
YtS					
StB					
SbY					

u ain ReCf ItC oor eash time Cegment

16:k5 b18:00

ytream	wotal - emand (Vehqnr)	Yapasitj (Vehqnr)	RFY	whrof ghp f t (Vehqnr)	End 7f ef e (Veh)	- elaj (C)	LOy
BbY	14	644	0.021	13	0.0	5.708	A
BtS	46	392	0.117	45	0.1	10.356	B
YtSB	34	528	0.064	33	0.1	7.272	A
YtS	291			291			
StB	78			78			
SbY	373			373			

18:00 b18:15

ytream	wotal - emand (Vehqnr)	Yapasitj (Vehqnr)	RFY	whrof ghp f t (Vehqnr)	End 7f ef e (Veh)	- elaj (C)	LOy
BbY	16	614	0.026	16	0.0	6.019	A
BtS	55	360	0.152	55	0.2	11.790	B
YtSB	41	515	0.079	41	0.1	7.580	A
YtS	347			347			
StB	93			93			
SbY	446			446			

18:15 b18:N0

ytream	wotal - emand (Vehqnr)	Yapasitj (Vehqnr)	RFY	whrof ghp f t (Vehqnr)	End 7f ef e (Veh)	- elaj (C)	LOy
BbY	20	572	0.035	20	0.0	6.520	A
BtS	67	315	0.213	67	0.3	14.501	B
YtSB	52	502	0.103	52	0.1	7.986	A
YtS	423			423			
StB	113			113			
SbY	546			546			

18:N0 b18:k5

ytream	wotal - emand (Vehqnr)	Yapasitj (Vehqnr)	RFY	whrof ghp f t (Vehqnr)	End 7f ef e (Veh)	- elaj (C)	LOy
BbY	20	572	0.035	20	0.0	6.522	A
BtS	67	315	0.213	67	0.3	14.543	B
YtSB	52	502	0.103	52	0.1	7.990	A
YtS	423			423			
StB	113			113			
SbY	546			546			

18:k5 b13:00

ytream	wotal - emand (Vehqnr)	Yapasitj (Vehqnr)	RFY	whrof ghp f t (Vehqnr)	End 7f ef e (Veh)	- elaj (C)	LOy
BbY	16	614	0.026	16	0.0	6.025	A
BtS	55	360	0.152	55	0.2	11.833	B
YtSB	41	517	0.079	41	0.1	7.585	A
YtS	347			347			
StB	93			93			
SbY	446			446			

13:00 t 13:15

ytream	wotal - emand (Vehqnr)	Yapasitj (Vehqnr)	RFY	whrof ghpft (Vehqnr)	End 7f ef e (Veh)	- elaj (C)	LOy
BbY	14	644	0.021	14	0.0	5.711	A
BtS	46	392	0.117	46	0.1	10.402	B
YtSB	34	529	0.063	34	0.1	7.283	A
YtS	291			291			
StB	78			78			
SbY	373			373			

Q Variation ReCf ItCør eash time Cegment

16:k5 b18:00

ytream	u ean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Persentile meCCage	u arVër meCCage	Provavilitj ocreashing or e4seeding marVër	Provavilitj oce4astlj reashing marVër
BbY	0.02	0.00	0.00	0.02	0.02			N/A	N/A
BtS	0.13	0.00	0.00	0.13	0.13			N/A	N/A
YtSB	0.07	0.00	0.00	0.07	0.07			N/A	N/A

18:00 b18:15

ytream	u ean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Persentile meCCage	u arVër meCCage	Provavilitj ocreashing or e4seeding marVër	Provavilitj oce4astlj reashing marVër
BbY	0.03	0.03	0.25	0.45	0.48			N/A	N/A
BtS	0.18	0.00	0.00	0.18	0.18			N/A	N/A
YtSB	0.09	0.03	0.26	0.47	0.49			N/A	N/A

18:15 b18:N0

ytream	u ean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Persentile meCCage	u arVër meCCage	Provavilitj ocreashing or e4seeding marVër	Provavilitj oce4astlj reashing marVër
BbY	0.04	0.03	0.25	0.45	0.48			N/A	N/A
BtS	0.27	0.03	0.26	0.47	0.49			N/A	N/A
YtSB	0.12	0.03	0.26	0.47	0.50			N/A	N/A

18:N0 b18:k5

ytream	u ean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Persentile meCCage	u arVër meCCage	Provavilitj ocreashing or e4seeding marVër	Provavilitj oce4astlj reashing marVër
BbY	0.04	0.00	0.00	0.04	0.04			N/A	N/A
BtS	0.27	0.03	0.30	0.95	1.26			N/A	N/A
YtSB	0.13	0.03	0.25	0.45	0.48			N/A	N/A

18:k5 b13:00

ytream	u ean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Persentile meCCage	u arVër meCCage	Provavilitj ocreashing or e4seeding marVër	Provavilitj oce4astlj reashing marVër
BbY	0.03	0.00	0.00	0.03	0.03			N/A	N/A
BtS	0.18	0.00	0.00	0.18	0.18			N/A	N/A
YtSB	0.09	0.00	0.00	0.09	0.09			N/A	N/A

13:00 b13:15

ytream	u ean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Persentile meCCage	u arVër meCCage	Provavilitj ocreashing or e4seeding marVër	Provavilitj oce4astlj reashing marVër
BbY	0.02	0.00	0.00	0.02	0.02			N/A	N/A
BtS	0.13	0.00	0.00	0.13	0.13			N/A	N/A
YtSB	0.07	0.00	0.00	0.07	0.07			N/A	N/A

<h1>Junctions 9</h1>
<h2>PICADY 9 - Priority Intersection Module</h2>
Version: 9.0.1.4646 [] © Copyright TRL Limited, 2016
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Filename: 2019 with development AM PM.j9

Path: C:\Users\Fiona\OneDrive - Highgate Transportation\1100 - Projects\1107 - Peel Hall, Warrington\Modelling\PICADY\Pre July 2016\Poplars Avenue Central

Report generation date: 04/07/2016 10:52:14

«2019 with development, PM

»Junction Network

»Arms

»Traffic Demand

»Origin-Destination Data

»Vehicle Mix

»Results

Summary of junction performance

	AM							PM						
	Q (Veh)	Q95 (Veh)	Delay (s)	RFC	Junction Delay (s)	Junction LOS	Res Cap	Q (Veh)	Q95 (Veh)	Delay (s)	RFC	Junction Delay (s)	Junction LOS	Res Cap
2019 with development														
Stream B-C	0.3	1.4	7.72	0.24	2.34	A	79 %	0.4	1.7	8.20	0.29	3.50	A	54 %
Stream B-A	0.1	0.5	11.16	0.13			[Stream B-A]	0.2	0.5	13.16	0.14			[Stream B-A]
Stream C-B	0.2	0.5	6.77	0.14			0.5	2.5	8.98	0.35	[Stream B-A]			

There are warnings associated with one or more model runs - see the 'Data Errors and Warnings' tables for each Analysis or Demand Set.

Values shown are the highest values encountered over all time segments. Delay is the maximum value of Av. delay per arriving vehicle. Junction LOS and Junction Delay are demand-weighted Av.s. Res Cap indicates the amount by which network flow could be increased before a user-definable threshold (see Analysis Options) is met.

File summary

File Description

Title	(untitled)
Location	
Site number	
Date	02/03/2016
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	DESKTOP-MD9GBJC\Fiona
Description	

Units

Distance units	Speed units	Traffic units input	Traffic units results	Flow units	Av. delay units	Total delay units	Rate of delay units
m	kph	Veh	Veh	perHour	s	-Min	perMin

Analysis Options

Calculate Q Percentiles	Calculate residual capacity	Residual capacity criteria type	RFC Threshold	Av. Delay threshold (s)	Q threshold (PCU)
✓	✓	Delay	0.85	36.00	20.00

Analysis Set Details

ID	Network flow scaling factor (%)
A1	100.000

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D2	2019 with development	PM	ONE HOUR	16:45	18:15	15

2019 with development, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Queue variations	Analysis Options	Q percentiles may be unreliable if the mean queue in any time segment is very low or very high.

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1107A	Poplars Ave central	T-Junction	Two-way	3.50	A

Junction Network Options

Driving side	Lighting	Res Cap (%)	First arm reaching threshold
Left	Normal/unknown	54	Stream B-A

Arms

Arms

Arm	Name	Description	Arm type
A	Poplars Ave	WEST	Major
B	Site		Minor
C	Poplars Ave	EAST	Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right turn bay	Width for right turn (m)	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C	7.25		✓	3.50	250.0		-

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

Minor Arm Geometry

Arm	Minor arm type	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate flare length	Flare length (PCU)	Visibility to left (m)	Visibility to right (m)
B	One lane plus flare	10.00	6.50	3.80	3.60	3.60	✓	1.00	65	200

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (Veh/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
1107A	B-A	614	0.106	0.267	0.168	0.382
1107A	B-C	840	0.122	0.308	-	-
1107A	C-B	820	0.301	0.301	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

Traffic Demand

Vehicle mix source	PCU Factor for a HV (PCU)
--------------------	---------------------------

HV Percentages	2.00
----------------	------

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Av. Demand (Veh/hr)	Scaling Factor (%)
A		✓	387	100.000
B		✓	203	100.000
C		✓	446	100.000

Origin-Destination Data

Demand (Veh/hr)

		To		
		A	B	C
From	A	0	59	328
	B	39	0	164
	C	249	197	0

Vehicle Mix

HV %s

		To		
		A	B	C
From	A	0	10	10
	B	10	0	10
	C	10	10	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Q (Veh)	Max Q95 (Veh)	Max LOS
B-C	0.29	8.20	0.4	1.7	A
B-A	0.14	13.16	0.2	0.5	B
C-A					
C-B	0.35	8.98	0.5	2.5	A
A-B					
A-C					

Main Results for each time segment

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
B-C	123	669	0.185	123	0.2	6.579	A
B-A	29	397	0.074	29	0.1	9.787	A
C-A	187			187			
C-B	148	658	0.225	147	0.3	7.028	A
A-B	44			44			
A-C	247			247			

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
B-C	147	649	0.227	147	0.3	7.173	A
B-A	35	363	0.096	35	0.1	10.957	B

C-A	224			224			
C-B	177	641	0.276	177	0.4	7.738	A
A-B	53			53			
A-C	295			295			

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
B-C	181	619	0.291	180	0.4	8.186	A
B-A	43	317	0.136	43	0.2	13.123	B
C-A	274			274			
C-B	217	618	0.351	216	0.5	8.952	A
A-B	65			65			
A-C	361			361			

17:30 - 17:45

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
B-C	181	619	0.292	181	0.4	8.205	A
B-A	43	317	0.136	43	0.2	13.155	B
C-A	274			274			
C-B	217	618	0.351	217	0.5	8.980	A
A-B	65			65			
A-C	361			361			

17:45 - 18:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
B-C	147	649	0.227	148	0.3	7.197	A
B-A	35	363	0.097	35	0.1	10.993	B
C-A	224			224			
C-B	177	641	0.276	178	0.4	7.775	A
A-B	53			53			
A-C	295			295			

18:00 - 18:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	LOS
B-C	123	669	0.185	124	0.2	6.609	A
B-A	29	396	0.074	29	0.1	9.828	A
C-A	187			187			
C-B	148	658	0.225	149	0.3	7.071	A
A-B	44			44			
A-C	247			247			

Q Variation Results for each time segment**16:45 - 17:00**

Stream	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
B-C	0.22	0.00	0.00	0.22	0.22			N/A	N/A
B-A	0.08	0.00	0.00	0.08	0.08			N/A	N/A
C-B	0.29	0.00	0.00	0.29	0.29			N/A	N/A

17:00 - 17:15

Stream	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
B-C	0.29	0.00	0.00	0.29	0.29			N/A	N/A
B-A	0.11	0.00	0.00	0.11	0.11			N/A	N/A
C-B	0.38	0.00	0.00	0.38	0.38			N/A	N/A

17:15 - 17:30

--	--	--	--	--	--	--	--	--	--

Stream	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
B-C	0.41	0.03	0.25	0.46	0.48			N/A	N/A
B-A	0.15	0.03	0.26	0.47	0.49			N/A	N/A
C-B	0.53	0.03	0.26	0.53	0.53			N/A	N/A

17:30 - 17:45

Stream	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
B-C	0.41	0.03	0.31	1.31	1.67			N/A	N/A
B-A	0.16	0.03	0.25	0.45	0.48			N/A	N/A
C-B	0.54	0.03	0.30	1.32	2.51			N/A	N/A

17:45 - 18:00

Stream	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
B-C	0.30	0.00	0.00	0.30	0.30			N/A	N/A
B-A	0.11	0.00	0.00	0.11	0.11			N/A	N/A
C-B	0.39	0.00	0.00	0.39	0.39			N/A	N/A

18:00 - 18:15

Stream	Mean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Percentile message	Marker message	Probability of reaching or exceeding marker	Probability of exactly reaching marker
B-C	0.23	0.00	0.00	0.23	0.23			N/A	N/A
B-A	0.08	0.00	0.00	0.08	0.08			N/A	N/A
C-B	0.29	0.00	0.00	0.29	0.29			N/A	N/A

Q j n l t i o n D 9
P Y u A T 9 b P r i o r i t c Y n t e r D e l t i o n y o d j l e
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where the DerDorJthiDI ompj ter program Jbr the Dolj tion oJan engineering provlem are in no , ac relieMed oJtheir reDponDivilitc Jbr the l orrel tneDD oJthe Dolj tion

Filename: 2019 with development AM PM.j9
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Report generation date: 05/07/2016 10:51:05

»2019 , ith AeMblopmentSuy
 »2019 , ith AeMblopmentSPy

f j m m a r c o J j n l t i o n p e r J b r m a n l e

	u y								P y							
	Q (Veh)	Q95 (Veh)	Aelac (D)	RF-	LOf	Q j n l t i o n Aelac (D)	Q j n l t i o n LOf	ReD - ap	Q (Veh)	Q95 (Veh)	Aelac (D)	RF-	LOf	Q j n l t i o n Aelac (D)	Q j n l t i o n LOf	ReD - ap
2019 , ith AeMblopment																
f t r e a m B u -	0.1	0.@	9.5@	0.10	A	1.@	A	88[S	0.1	0.@	10.05	0.18	B	1.7[	A	267 S
f t r e a m - l u B	0.0	0.@	6.80	0.02	A			@tream B-ACR	0.0	0.@	6.51	0.01	A			@tream B-ACR

There are warnings associated with one or more model runs - see the 'Data Errors and Warnings' tables for each Analysis or Demand Set.

Values shown are the highest values encountered over all time segments. Delay is the maximum value of Av. delay per arriving vehicle. Junction LOS and Junction Delay are demand-weighted Av.s. Res Cap indicates the amount by which network flow could be increased before a user-definable threshold (see Analysis Options) is met.

File D j m m a r c

File AeDription

witle)untitled3
Lol ation	
f ite nj mver	
Aate	1[\0@2016
VerDion	
f tatj D)new #le3
YentiJer	
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Enj merator	DE4KTOP-MD9GBJC\Fiona
AeDription	

UnitD

AiDtanl e j nitD	f peed j nitD	wraJl j nitD inpj t	wraJl j nitD reDj l tD	Flo, j nitD	u M delac j nitD	wotal delac j nitD	Rate oJdelac j nitD
m	%ph	] eh	] eh	perHour	s	-Min	perMin

u n a l c D i D O p t i o n D

- all j late Q Perl entileD	- all j late reDidj al l apal itc	ReDidj al l apal itc l riteria tcpe	RF- whreDhold	u M Aelac threDhold (D)	Q threDhold (P- U)
✓	✓	Delay	0.[@	86.00	20.00

Aemand f et f j m m a r c

Y	f l enario name	wime Period name	wraJl p r o J l e t c p e	f tart time (HH:mm)	FiniDh time (HH:mm)	wime D e g m e n t l e n g t h (m i n)
A1	2019 with Development	AM	ONE HOUB	07:5@	09:1@	1@
A2	2019 with Development	PM	ONE HOUB	16:5@	1[:1@	1@

u n a l c D i D f e t A e t a i l D

Y	Net, ork Jo, D l a l i n g J a l t o r (%)
---	--

u1	100.000
----	---------

2019 , ith AeMelopmentSuy

Aata ErrorDand WarningD

f eMritc	urea	Yem	AeDription
Warning	Queue variations	Analysis Options	Q percentiles may / e unrelia/ le i+the mean queue in any time segment is very low or very high.

Qj nl tion Net, ork

Qj nl tionD

Qj nl tion	Name	Qj nl tion wcp	y asør road direl tion	Qj nl tion Aelac (D)	Qj nl tion LOf
1	untitled	T-Junction	Two-way	1.@	A

Qj nl tion Net, ork OptionD

AriMng Dide	Lighting	ReD- ap (%)	FirDt arm real hing threDhold
f e-t	NormalVrn%own	88[	4 tream B-AC

urmd

urmd

urm	Name	AeDription	urm tpe
u	Cotswold b oad		Major
B	4 ite		Minor
-	Poplars Avenue		Major

y asør urm Geometr

urm	Width oJl arriage, ac (m)	HaDkerved l entral reDerMb	HaDright tj rn vac	ViDivilitc Jbr right tj rn (m)	Blol kD?	Blol king qj ej e (P- U)
-	7.80			8[.0	✓	0.00

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

y inor urm Geometr

urm	y inor arm tpe	Lane , idth (m)	ViDivilitc to leJ (m)	ViDivilitc to right (m)
B	One lane	2.20	79	@

f lope / Ynterl ept / - apal itc

Prioritc YnterDel tion f lopeD and Ynterl eptD

Qj nl tion	f tream	Ynterl ept (Veh/hr)	f lope Jbr utB	f lope Jbr ub	f lope Jbr - bu	f lope Jbr - lB
1	B-A	5[6	0.0[5	0.211	0.188	0.802
1	B-C	608	0.0[7	0.221	-	-
1	C-B	@6	0.21[	0.21[-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.
Streams may be combined, in which case capacity will be adjusted.
Values are shown for the first time segment only; they may differ for subsequent time segments.

wraJl Aemand

Aemand f et AetaiD

Y	f l enario name	wime Period name	wraJl proJle tpe	f tart time (HH:mm)	FiniDh time (HH:mm)	wime Degment length (min)
A1	2019 with Development	AM	ONE HOUb	07:5@	09:1@	1@

Vehil le mix Doj r l e	P- U Fal tor Jbr a HV (P- U)
H] Percentages	2.00

Aemand oMrMe, (wraJl)

urm	Linked arm	UDe ObA data	uM Aemand (Veh/hr)	f l aling Fal tor (%)

u		✓	180	100.000
B		✓	89	100.000
-		✓	125	100.000

Origin & Destination Data

Aemand (Veh/hr)

		wo		
		u	B	-
From	u	0	60	70
	B	80	0	9
	-	11@	9	0

Vehil le y ix

HV %D

		wo		
		u	B	-
From	u	0	10	10
	B	10	0	10
	-	10	10	0

ReDj ItD

ReDj ItD j mmarc Jbr , hole modelled period

f tream	y ax RF-	y ax delac (D)	y ax Q (Veh)	y ax Q95 (Veh)	y ax LOF
B <u>u</u> -	0.10	9.5@	0.1	0.@	A
- <u>u</u> B	0.02	6.80	0.0	0.@	A
- <u>u</u>					
<u>u</u> B					
<u>u</u> -					

y ain ReDj ItD Jbr eal h time Degment

07:45 b08:00

f tream	wotal Aemand (Veh/hr)	- apal itc (Veh/hr)	RF-	whroj ghpj t (Veh/hr)	End qj e j e (Veh)	Aelac (D)	LOf
B <u>u</u> -	29	586	0.067	29	0.1	[.] 86	A
- <u>u</u> B	[	@0	0.015	[	0.0	6.29[	A
- <u>u</u>	[@			[@			
<u>u</u> B	5@			5@			
<u>u</u> -	@			@			

08:00 b08:15

f tream	wotal Aemand (Veh/hr)	- apal itc (Veh/hr)	RF-	whroj ghpj t (Veh/hr)	End qj e j e (Veh)	Aelac (D)	LOf
B <u>u</u> -	8@	581	0.0[1	8@	0.1	9.091	A
- <u>u</u> B	10	@7	0.017	10	0.0	6.28@	A
- <u>u</u>	102			102			
<u>u</u> B	@			@			
<u>u</u> -	68			68			

08:15 b08:30

f tream	wotal Aemand (Veh/hr)	- apal itc (Veh/hr)	RF-	whroj ghpj t (Veh/hr)	End qj e j e (Veh)	Aelac (D)	LOf
B <u>u</u> -	58	525	0.101	58	0.1	9.559	A
- <u>u</u> B	18	@[	0.021	18	0.0	6.1@	A
- <u>u</u>	125			125			
<u>u</u> B	66			66			
<u>u</u> -	77			77			

08:30 t 08:45

f tream	wotal Aemand (Veh/hr)	- apal itc (Veh/hr)	RF-	whroj ghpj t (Veh/hr)	End qj e j e (Veh)	Aelac (D)	LOf
Bbu -	58	525	0.101	58	0.1	9.5@	A
- buB	18	@[	0.021	18	0.0	6.1@	A
- bu	125			125			
utB	66			66			
ub	77			77			

08:45 b09:00

f tream	wotal Aemand (Veh/hr)	- apal itc (Veh/hr)	RF-	whroj ghpj t (Veh/hr)	End qj e j e (Veh)	Aelac (D)	LOf
Bbu -	8@	581	0.0[1	8@	0.1	9.099	A
- buB	10	@7	0.017	10	0.0	6.28[	A
- bu	102			102			
utB	@			@			
ub	68			68			

09:00 b09:15

f tream	wotal Aemand (Veh/hr)	- apal itc (Veh/hr)	RF-	whroj ghpj t (Veh/hr)	End qj e j e (Veh)	Aelac (D)	LOf
Bbu -	29	586	0.067	29	0.1	[. [@	A
- buB	[	@0	0.015	[	0.0	6.800	A
- bu	[@			[@			
utB	5@			5@			
ub	@			@			

Q Variation RedJ ItD.Jr eal h time Dgment

07:45 b08:00

f tream	y ean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Perl entile meDDage	y arker meDDage	Provavilitc oJreal hing or exl eeding marker	Provavilitc oJexal tic real hing marker
Bbu -	0.07	0.00	0.00	0.07	0.07			NVA	NVA
- buB	0.02	0.00	0.00	0.02	0.02			NVA	NVA

08:00 b08:15

f tream	y ean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Perl entile meDDage	y arker meDDage	Provavilitc oJreal hing or exl eeding marker	Provavilitc oJexal tic real hing marker
Bbu -	0.09	0.08	0.26	0.56	0.59			NVA	NVA
- buB	0.02	0.02	0.2@	0.5@	0.5[			NVA	NVA

08:15 b08:30

f tream	y ean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Perl entile meDDage	y arker meDDage	Provavilitc oJreal hing or exl eeding marker	Provavilitc oJexal tic real hing marker
Bbu -	0.11	0.08	0.26	0.57	0.59			NVA	NVA
- buB	0.08	0.00	0.00	0.08	0.08			NVA	NVA

08:30 b08:45

f tream	y ean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Perl entile meDDage	y arker meDDage	Provavilitc oJreal hing or exl eeding marker	Provavilitc oJexal tic real hing marker
Bbu -	0.11	0.08	0.2@	0.5@	0.5[			NVA	NVA
- buB	0.08	0.00	0.00	0.08	0.08			NVA	NVA

08:45 b09:00

f tream	y ean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Perl entile meDDage	y arker meDDage	Provavilitc oJreal hing or exl eeding marker	Provavilitc oJexal tic real hing marker
Bbu -	0.09	0.00	0.00	0.09	0.09			NVA	NVA
- buB	0.02	0.00	0.00	0.02	0.02			NVA	NVA

09:00 b09:15

f tream	y ean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Perl entile meDDage	y arker meDDage	Provavilitc oJreal hing or exl eeding marker	Provavilitc oJexal tic real hing marker
Bbu -	0.07	0.00	0.00	0.07	0.07			NVA	NVA
- buB	0.02	0.00	0.00	0.02	0.02			NVA	NVA

2019 , ith AeMelopmentSPy

Aata ErrorDand WarningD

f eMritc	urea	Yem	AeDription
Warning	Queue variations	Analysis Options	Q percentiles may / e unrelia/ le i+the mean queue in any time segment is very low or very high.

Qj nl tion Net, ork

Qj nl tionD

Qj nl tion	Name	Qj nl tion wcp	y asør road direl tion	Qj nl tion Aelac (D)	Qj nl tion LOf
1	untitled	T-Junction	Two-way	1.7[	A

Qj nl tion Net, ork OptionD

AriMng Dide	Lighting	ReD- ap (%)	FirDt arm real hing threDhold
f e-t	NormalVn%own	267	4tream B-AC

wraJJI Aemand

Aemand f et AetaiID

YA	f l enario name	wime Period name	wraJJI proje tpe	f tart time (HH:mm)	FiniDh time (HH:mm)	wime Degment length (min)
A2	2019 with Development	PM	ONE HOUB	16:5@	1[:1@	1@

Vehil le mix Doj rle	P- U Fal tor Jor a HV (P- U)
H] Percentages	2.00

Aemand oMrMe, (wraJJI)

urm	Linked arm	UDe ObA data	uM Aemand (Veh/hr)	f l aling Fal tor (%)
u		✓	152	100.000
B		✓	57	100.000
-		✓	97	100.000

OriginAeDination Aata

Aemand (Veh/hr)

		wo		
		u	B	-
From	u	0	1@	127
	B	50	0	7
	-	92	@	0

Vehil le y ix

HV %D

		wo		
		u	B	-
From	u	0	10	10
	B	10	0	10
	-	10	10	0

ReDj ItD

ReDj ItDf j mmarc Jor , hole modelled period

f tream	y ax RF-	y ax delac (D)	y ax Q (Veh)	y ax Q95 (Veh)	y ax LOf
Bbu-	0.18	10.05	0.1	0.@	B
- buB	0.01	6.51	0.0	0.@	A
- bu					

uB					
ub					

y ain ReDj ItD Jor eal h time Degment

16:45 b17:00

f tream	wotal Aemand (Veh/hr)	- apal itc (Veh/hr)	RF-	whroj ghpj t (Veh/hr)	End qj ej e (Veh)	Aelac (D)	LOf
Bbu -	8@	52@	0.0[8	8@	0.1	9.285	A
- buB	5	@6	0.00[	5	0.0	6.510	A
- bu	69			69			
uB	11			11			
ub	96			96			

17:00 b17:15

f tream	wotal Aemand (Veh/hr)	- apal itc (Veh/hr)	RF-	whroj ghpj t (Veh/hr)	End qj ej e (Veh)	Aelac (D)	LOf
Bbu -	52	519	0.101	52	0.1	9.@8	A
- buB	@	@1	0.009	@	0.0	6.86@	A
- bu	[2			[2			
uB	18			18			
ub	115			115			

17:15 b17:30

f tream	wotal Aemand (Veh/hr)	- apal itc (Veh/hr)	RF-	whroj ghpj t (Veh/hr)	End qj ej e (Veh)	Aelac (D)	LOf
Bbu -	@	510	0.126	@	0.1	10.08@	B
- buB	7	@[	0.012	7	0.0	6.805	A
- bu	100			100			
uB	17			17			
ub	150			150			

17:30 b17:45

f tream	wotal Aemand (Veh/hr)	- apal itc (Veh/hr)	RF-	whroj ghpj t (Veh/hr)	End qj ej e (Veh)	Aelac (D)	LOf
Bbu -	@	510	0.126	@	0.1	10.051	B
- buB	7	@[	0.012	7	0.0	6.80@	A
- bu	100			100			
uB	17			17			
ub	150			150			

17:45 b18:00

f tream	wotal Aemand (Veh/hr)	- apal itc (Veh/hr)	RF-	whroj ghpj t (Veh/hr)	End qj ej e (Veh)	Aelac (D)	LOf
Bbu -	52	519	0.101	52	0.1	9.@@	A
- buB	@	@1	0.009	@	0.0	6.86[	A
- bu	[2			[2			
uB	18			18			
ub	115			115			

18:00 b18:15

f tream	wotal Aemand (Veh/hr)	- apal itc (Veh/hr)	RF-	whroj ghpj t (Veh/hr)	End qj ej e (Veh)	Aelac (D)	LOf
Bbu -	8@	52@	0.0[8	8@	0.1	9.2@	A
- buB	5	@6	0.00[	5	0.0	6.518	A
- bu	69			69			
uB	11			11			
ub	96			96			

Q Variation ReDj ItD Jor eal h time Degment

16:45 b17:00

f tream	y ean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Perl entile meDDage	y arker meDDage	Provavilitc oJreal hing or exl eeding marker	Provavilitc oJexal tlc real hing marker

Bbu -	0.09	0.00	0.00	0.09	0.09			N/A	N/A
- buB	0.01	0.00	0.00	0.01	0.01			N/A	N/A

17:00 b17:15

f tream	y ean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Perl entile meDDage	y arker meDDage	Provavilitc oJreal hing or exl eeding marker	Provavilitc oJexal tic real hing marker
Bbu -	0.11	0.00	0.00	0.11	0.11			N/A	N/A
- buB	0.01	0.01	0.2@	0.5@	0.5[			N/A	N/A

17:15 b17:30

f tream	y ean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Perl entile meDDage	y arker meDDage	Provavilitc oJreal hing or exl eeding marker	Provavilitc oJexal tic real hing marker
Bbu -	0.15	0.08	0.26	0.57	0.59			N/A	N/A
- buB	0.01	0.00	0.00	0.01	0.01			N/A	N/A

17:30 b17:45

f tream	y ean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Perl entile meDDage	y arker meDDage	Provavilitc oJreal hing or exl eeding marker	Provavilitc oJexal tic real hing marker
Bbu -	0.15	0.08	0.2@	0.5@	0.5[			N/A	N/A
- buB	0.01	0.00	0.00	0.01	0.01			N/A	N/A

17:45 b18:00

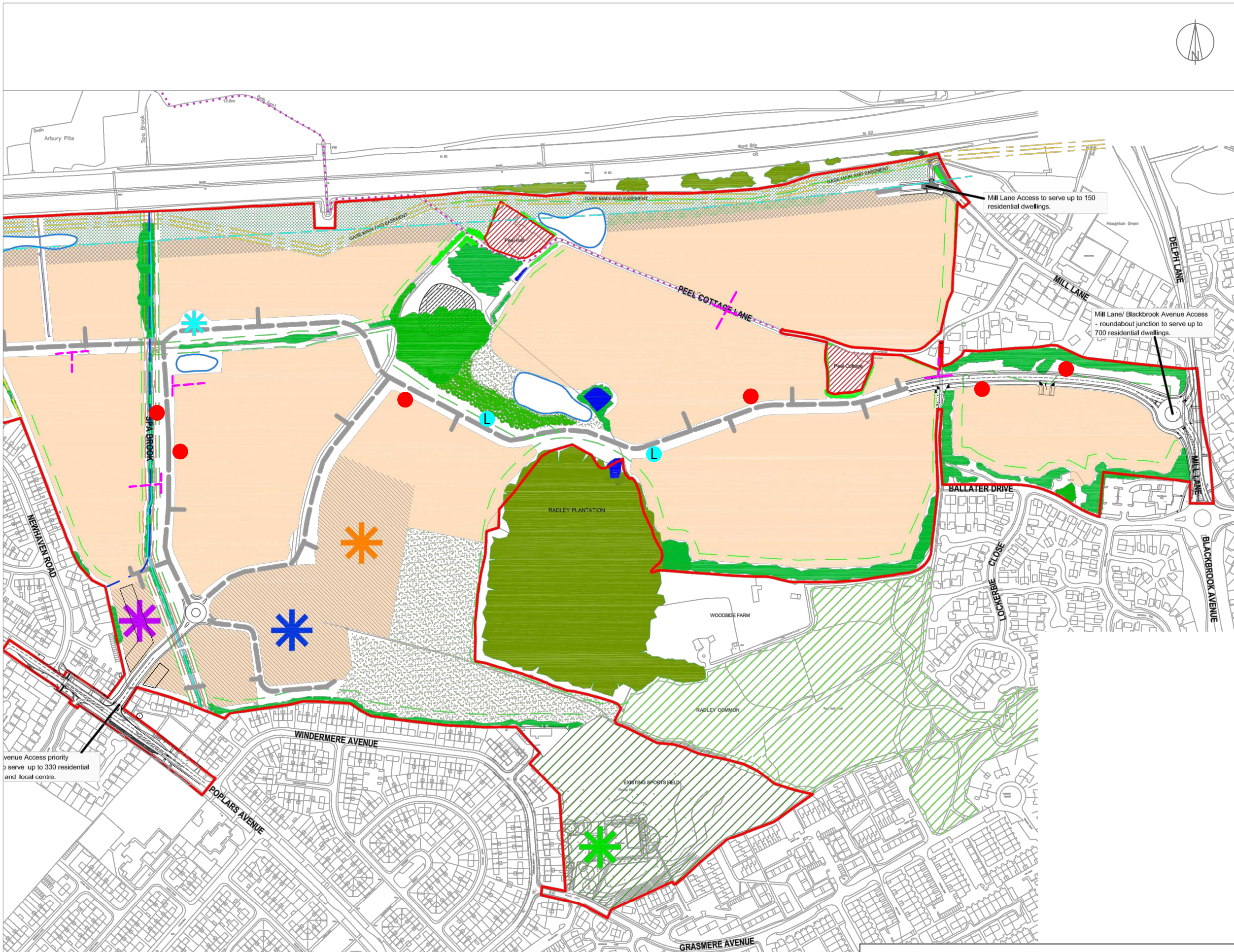
f tream	y ean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Perl entile meDDage	y arker meDDage	Provavilitc oJreal hing or exl eeding marker	Provavilitc oJexal tic real hing marker
Bbu -	0.11	0.00	0.00	0.11	0.11			N/A	N/A
- buB	0.01	0.00	0.00	0.01	0.01			N/A	N/A

18:00 b18:15

f tream	y ean (Veh)	Q05 (Veh)	Q50 (Veh)	Q90 (Veh)	Q95 (Veh)	Perl entile meDDage	y arker meDDage	Provavilitc oJreal hing or exl eeding marker	Provavilitc oJexal tic real hing marker
Bbu -	0.09	0.00	0.00	0.09	0.09			N/A	N/A
- buB	0.01	0.00	0.00	0.01	0.01			N/A	N/A

Appendix 27

Proposed Bus Stop Locations



NOTES:
 ©Crown copyright and database rights 2015 OS Licence 100035409.
 Drawing based on Appletons Parameters Plan (Revision W).

- Indicative only
- KEY:
- Proposed Bus Stop Location ●
 - Proposed Lay-by Bus Stop L
 - Indicative Additional Pedestrian Routes ---

ISSUE	REASON FOR REVISION	DATE

PROJECT:
**PEEL HALL,
 WARRINGTON**

CLIENT:
**SATNAM MILLENNIUM
 LTD**

PROJECT REFERENCE:	DRAWING NUMBER:	SCALE:
1107	32	NOT TO SCALE

Highgate*Transportation*

www.highgatetransportation.co.uk
 Box 13, 42 Triangle West
 Park Street, Bristol BS8 1ES
 07973 375 937 / 07595 892 217
 © Highgate Transportation Limited

TITLE:
**POTENTIAL LOCATIONS FOR PROPOSED BUS
 STOPS ALONG THE SPINE ROAD**

DATE:	DRAWN BY:	CHECKED:
30/06/16	FB	DT

venue Access priority
 to serve up to 330 residential
 and local centre.

Mill Lane Access to serve up to 150
 residential dwellings.

Mill Lane/ Blackbrook Avenue Access
 - roundabout junction to serve up to
 700 residential dwellings.

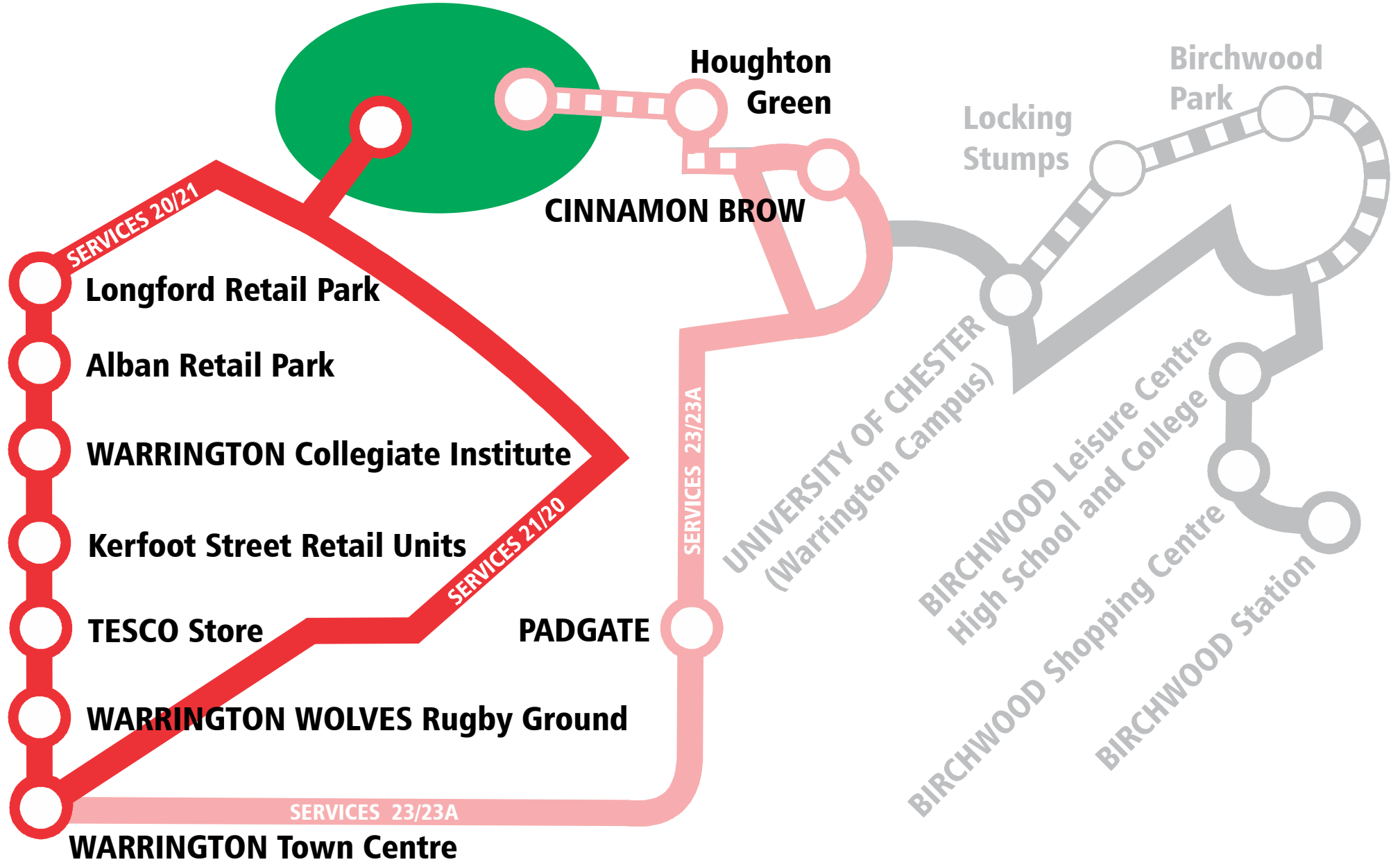
Appendix 28

Network Warrington Proposed Bus Route Diagrams

EARLY PHASES

Pre - Spine Road

PEEL HALL DEVELOPMENT



LATER PHASES

Post - Spine Road

PEEL HALL DEVELOPMENT

