TECHNICAL NOTE

Job Name: Sharpness Vale

Job No: 332210067

Note No: 332210067-701-TN002

Date: 5 August 2024

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Subject: **Sharpness Vale: Trip Generation, Distribution, Mode Share and Assignment Assumptions for M5 Junction 14 VISSIM Modelling**

1 Introduction

1.1 Stantec have been appointed by Sharpness Development LLP to provide transport support for the Sharpness Vale Development of 2,400 dwellings and 10ha of employment land, in the Stroud District of Gloucestershire.

1.1. This Technical Note is to be read in conjunction with *Stantec Technical Note 332211067-701-TN001 (M5 Junction 14 VISSIM Modelling)* which provides a detailed overview of the VISSIM modelling undertaken of M5 Junction 14 including the model background, results and the highway mitigation required to deliver 1,000 dwellings at Sharpness Vale without causing an unacceptable impact on highway safety on either the M5 Junction 14 or the A38/B4509 junction.

1.2. This Technical Note sets out the number of vehicle trips generated by the proposed development of 1,000 houses and 15,385m^2 of employment and how this has been derived, including:

- Person trip generation based on trip rates from TRICS and journey purpose data from TEMPro (**Section 2**)
- Internal and external trips by journey purpose (**Section 3**)
- Distribution of external person trips by journey purpose (**Section 4**)
- Mode share of external person trips by journey purpose and destination (**Section 5**), and
- Assignment of external vehicle trips including a summary of trips at M5 Junction 14 (**Section 6**).

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2 Person Trip Generation

2.1 The total person trip generation of Sharpness Vale has been calculated using person trip rates from the TRICS database for the morning (8am to 9am) and evening (5pm to 6pm) peak hours using the selection criteria set out in **Table 2.1**. This selection criteria was considered appropriate since, when completed, Sharpness Vale will be of a sufficient scale to reflect movement provision that will reflect that seen in the suburban / edge of town / neighbourhood centres located developments that have been captured in the TRICS database. (In using TRICS there is a need to balance gaining sufficient sample sites to offset any locations that may be outliers in terms of travel patterns, but not to select sites that are vastly different to the proposed location – hence, it would not have been appropriate to select Inner City locations for inclusion in an appraisal at Sharpness).

Table 2.1 – Person Trip Rate Parameters

TRICS Parameter	Residential	B1 Employment	B2 Employment
Land Use	03 – Residential	02 - Employment	02 - Employment
Category	A – Houses Privately Owned	B – Business Park	D – Industrial Estate
Area	England and Wales		
Locations	Suburban Area, Edge of Town, Neighbourhood Centre		

2.2 The person trip rates for residential and employment uses for the morning and evening peak hours are shown in **Table 2.2** and the full TRICS outputs are provided in **Appendix A**. The resultant person trip generation is shown in **Table 2.3**.

Table 2.2 – Person Trip Rates

	Morning Peak (8am to 9am)			Evening Peak (5pm to 6pm)		
	Arr.	**Dep.**	**Tot.**	**Arr.**	**Dep.**	**Tot.**
Residential	0.176	0.732	0.908	0.564	0.248	0.812
B1 Business Park	1.673	0.225	1.898	0.158	1.296	1.454
B2 Industrial Estate	0.502	0.232	0.734	0.100	0.444	0.544

Table 2.3 – Person Trip Generation

	Morning Peak (8am to 9am)			Evening Peak (5pm to 6pm)		
	Arr.	**Dep.**	**Tot.**	**Arr.**	**Dep.**	**Tot.**
Residential (1,000 dwellings)	176	732	908	564	248	812
B1 Business Park (7,692m^2)	129	17	146	12	100	112
B2 Industrial Estate (7,692m^2)	39	18	56	8	34	42
Total Person Trip Generation	**343**	**767**	**1,110**	**584**	**382**	**966**

2.2 Journey Purpose

2.1 TEMPro provides journey purpose data by mode based on results from the National Travel Survey. Data for the Stroud local authority area for the future year of 2050 has been extracted to determine the likely journey purpose for future residents of Sharpness Vale in the morning and evening peak hours. The Stroud local authority area was chosen over the Stroud 012 Middle Super Output Area (MSOA) as it is likely more representative of the development in terms of the future population of Sharpness Vale, which represents a change to the housing mix and demographic pattern of the area at present.

2.2 The home-based journey purpose data were aggregated into four categories:

- Work – TEMPro 'Work' and 'Employers Business' trips
- School – TEMPro 'Education' trips
- Shopping and Personal Business – TEMPro 'Shopping' and 'Personal Business' trips
- Leisure – TEMPro 'Recreation/Social', 'Visiting Friends and Relatives' and 'Holiday/Day Trip' trips

2.3 The proportion of residents making these trips based on TEMPro data is shown in **Table 2.4**.

Table 2.4 – Proportion of residential trips by journey purpose (1,000 homes + 15,385m^2 employment)

Journey Purpose	Morning Peak Hour (8am to 9am)				Evening Peak Hour (5pm to 6pm)			
	%	Arr.	Dep.	Tot	%	Arr.	Dep.	Tot
Work	**41%**	73	304	377	**35%**	196	86	282
School	**32%**	56	234	290	**9%**	49	21	70
Shopping and PB	**20%**	35	145	180	**27%**	150	66	217
Leisure	**7%**	12	49	61	**30%**	169	74	243
Total	**100%**	**176**	**732**	**908**	**100%**	**564**	**248**	**812**

3 Internal and External Trips

3.1 Introduction

3.1 In addition to the 1,000 houses proposed at Sharpness Vale, a range of community facilities will be provided including primary schools, a secondary school, shops and facilities in the mixed-use hub and employment opportunities to complement those at the Docks. The provision of such facilities will result in a number of internalised trips – those which will remain within the site and therefore not join the surrounding movement network.

3.2 In addition to the trips which will stay within the Sharpness Vale development, trips which will route to/from the areas immediately adjacent to the site (referred to as the Functional Transport Area) have been considered. These destinations are:

- The town of Berkeley and villages/ hamlets of Sharpness, Newtown, Brookend, Wanswell and Abwell
- Gloucestershire Science and Technology Park which includes South Gloucestershire and Stroud College, the University of Gloucestershire's Cyber Security Centre and a number of other businesses, and
- Existing employment at Sharpness Docks.

3.3 These **Internal Trips** have been quantified for the four journey purposes set out above.

3.4 **Figure 3.1** shows the Sharpness Vale red line boundary and the Functional Transport Area in blue; the **External Trips** are considered to be any trips travelling outside of this blue line.

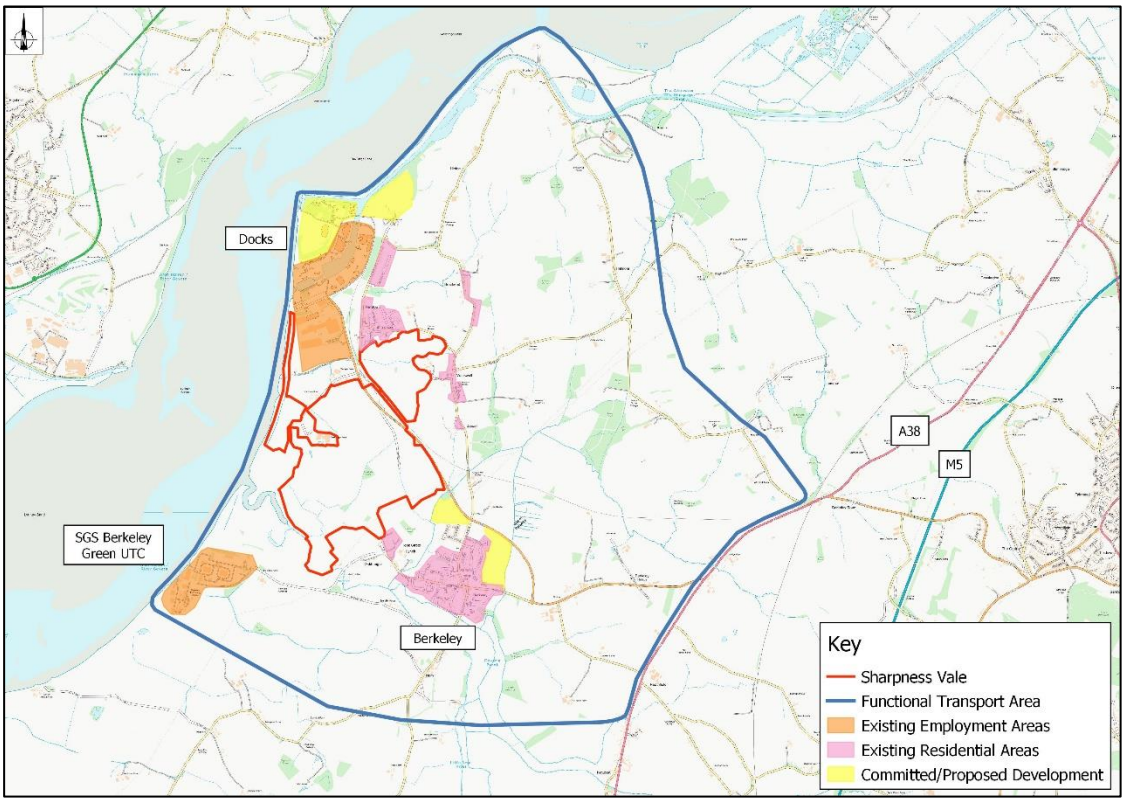

Figure 3.1 – Sharpness Vale Functional Transport Area

3.2 Trips by Journey Purpose

Work and Employment Trips into Sharpness

3.1 Sharpness Vale will provide employment opportunities on site in the form of a 10-hectare business park in the centre of the settlement, designed to complement the existing employment activities at the Docks, as well additional jobs in the mixed-use hub.

3.2 To understand the current proportion of residents who live and work in the same area, 2011 Census Journey to Work data has been examined for the 15 Stroud Middle Super Output Areas (MSOAs). The number of journeys which start and end in the same MSOA have been extracted and divided by the total number of journeys to work. **Table 3.1** shows this data.

Table 3.1 – Stroud MSOA Internal Journey to Work Trips

MSOA	Location	% of Internal Work Trips
Stroud 001	Hardwicke	4%
Stroud 002	Painswick	7%
Stroud 003	Frampton on Severn	12%
Stroud 004	Cashes Green	8%
Stroud 005	Stonehouse	25%
Stroud 006	Stroud	21%
Stroud 007	Rodborough	7%
Stroud 008	Bussage	6%
Stroud 009	Kings Stanley	6%
Stroud 010	Amberley	8%
Stroud 011	Cam	12%
Stroud 012	Berkeley	18%
Stroud 013	Nailsworth	15%
Stroud 014	Dursley	15%
Stroud 015	Wotton Under Edge	19%
Average		**12%**
Average (selected MSOAs)		**18%**

3.3 **Table 3.1** shows an average internalisation of 12% across the Stroud MSOAs. However, several of these MSOAs have limited employment opportunities which results in a low proportion of work trips staying within the MSOA. An average of the MSOAs most similar to Sharpness Vale in terms of their population and employment opportunities has also been calculated (highlighted in green) which shows an average work trip internalisation of 18%.

3.4 Therefore, the following percentages have been applied to derive the Internal, Local and External Work and Employment trips:

- 18% split Internal with the remaining 82% travelling externally

3.5 The internalised work trips are between the residential development and the employment development to be provided on-site. Therefore, it is assumed that internalisation only applies to the departing work journey purpose trips from the residential development in the morning peak hour (with the equivalent number internalised from the arriving trips to the employment development in the morning peak hour) and to the arriving work journey purpose trips from the residential development in the evening peak hour (with the equivalent number internalised from the departing trips to the employment development in the evening peak hour).

3.6 The number of Internal and External work and employment trips are shown in **Tables 3.2** and **3.3**.

Table 3.2 – Internal and External Work Trips

	%	Morning Peak (8am to 9am)			Evening Peak (5pm to 6pm)		
		Arr.	Dep.	Tot	Arr.	Dep.	Tot
Internal	18%	**0**	**39**	**39**	**25**	**0**	**25**
External	82%	73	249	322	161	86	247
Total	**100%**	**73**	**288**	**361**	**186**	**86**	**272**

Table 3.3 – Internal and External Employment Trips

	%	Morning Peak (8am to 9am)			Evening Peak (5pm to 6pm)		
		Arr.	Dep.	Tot	Arr.	Dep.	Tot
Internal	18%	10	0	10	0	7	7
External	82%	12	0	12	0	8	8
Total	**100%**	**22**	**0**	**22**	**0**	**14**	**14**

School Trips

3.7 As shown in **Table 2.4**, a significant proportion of morning peak hour trips will be journeys to school. Gloucestershire County Council's pupil yields from new housing developments show the following number of pupils will be generated from the 1,000 dwellings at Sharpness Vale:

- Primary: 42 pupils per 100 dwellings = 420 pupils
- Secondary: 21 pupils per 100 dwellings = 210 pupils

3.8 Sharpness Vale will provide on-site primary school provision through the expansion of existing schools and new schools, offering a good opportunity for many of these school trips to be within the site. Although sufficient primary school provision will be provided on-site, largely negating the need for pupils to travel off-site to other schools, it is accepted that there will be a small element of external education trips as a result of parental and student choice.

3.9 It has been assumed that all secondary school pupils will travel to existing off-site secondary schools and 25% of primary pupils will travel off-site, resulting in 50% of the total pupils generated by Sharpness Vale travelling off-site with the remaining 50% of education rips remaining on-site.

3.10 The number of Internal and External school trips are shown in **Table 3.4**.

Table 3.4 – Internal and External School Trips

	%	Morning Peak (8am to 9am)			Evening Peak (5pm to 6pm)		
		Arr.	Dep.	Tot	Arr.	Dep.	Tot
Internal	50%	28	117	145	24	11	35
External	50%	28	117	145	24	11	35
Total	**100%**	**56**	**234**	**290**	**49**	**21**	**70**

Shopping and Personal Business Trips

3.11 The National Travel Survey defines shopping trips as '*all trips to shops or from shops to home, even if there was no intention to buy'* whilst personal business trips are defined as '*visits to services, e.g. hairdressers, launderettes, dry-cleaners, betting shops, solicitors, banks, estate agents, libraries, churches; or for medical consultations or treatment*'. It should be noted that

NTS data splits all trips out by a single journey purpose, and hence as a single trip can only have one purpose, there is a possibility that linked trips are counted as two trips. This creates a robust framework, but in the context of peak hour trips the overlap is considered to be small.

3.12 The average trip length for a number of journey purposes can also be extracted from National Travel Survey data. This shows for the South West area in 2017/2018, the average trip lengths for shopping and personal business trips are 4.4 and 5.1 miles respectively.

3.13 Sharpness Vale will include a mixed-use local centre close to the rail station which would include small scale local shops and services such as a supermarket, bank, hairdresser and post office. Additionally, Berkeley provides a number of shops and services including two local food stores, four hairdressers, a beauty salon, a doctor's surgery, a pharmacy, an opticians, two cafes, a bakery, a church and a library. These existing facilities combined with those to be provided at Sharpness Vale will significantly reduce the need for residents to travel out of the local area.

3.14 It is also important to consider how the use of these services are changing and its impacts on travel. Some of the key trends in shopping and personal business journey trip purpose are listed below.

- **People are travelling less** – National Travel Survey data shows that, across England, the number of trips per person per year for shopping and personal business trips has reduced by 15% and 22% respectively.
- **Online food shopping** – online food delivery services are now offered by most supermarkets and are particularly popular amongst the younger generation: in 2019, 45% of 25-34 year olds had purchased food shopping online compared to 19% of 55-64 year olds and 13% of those aged 65+. Online groceries are expected to make up 10% of the sector by 2023, compared to 7% in 2018.
- **Online comparison goods shopping** – between 2008 and October 2019, the proportion of retail money spent online has increased from 4.9% to 19.2%. Next day delivery (e.g. Amazon Prime), collection services (e.g. Doddle and Amazon Lockers) and free returns offer consumers greater flexibility.
- **Online services** – many of the personal business serviced described in paragraph 5.4.13 can now be undertaken easily online including banking, betting, estate agents and even online medical consultations.

3.15 Based on the evidence above, it is expected that most shopping and personal business trips will be undertaken in the local area or will not comprise of a trip at all as the 'trip' will be undertaken online.

3.16 Therefore, the following percentages have been applied to derive the Internal and External Shopping and Personal Business trips:

- 30% Internal with the remaining 70% travelling externally

3.17 The number of Internal, Local and External shopping and personal business trips are shown in **Table 3.5**.

Table 3.5 – Internal and External Shopping and Personal Business Trips

	%	Morning Peak (8am to 9am)			Evening Peak (5pm to 6pm)		
		Arr.	Dep.	Tot	Arr.	Dep.	Tot
Internal	30%	13	52	65	54	24	78
External	70%	59	244	303	253	111	364
Total	**100%**	**84**	**349**	**433**	**361**	**159**	**520**

Leisure Trips

3.18 The Sharpness Vale proposals include significant areas of formal sports provision as well as a network of pedestrian and cycle priority routes through the site which will be suitable for leisure activities. A number of leisure facilities are located in the local area including several pubs, takeaways, Hamfields Leisure, Sharpness Village Hall and tennis courts on Oldminster Road. Additionally, the proposed Sharpness Dock development will create new leisure and amenity space including new marinas which could deliver a mix of commercial, retail, food and drink uses.

3.19 The NTS data utilised in this appraisal provides further details of the purposes that lie behind leisure trips, as least of the evening peak period when far more leisure trips occur than in the morning. This shows that around half of the trips are for recreation and social purpose, and half for visiting friends and family or holidays and day trips. NTS also provides information about the average distance travelled for such trips – 11 miles for visiting friends and relatives in their homes, 6.1 miles if meeting them somewhere public (a restaurant or pub) and 7.6 miles from sport, entertainment and recreational trips.

3.20 Therefore, the following percentages have been applied to derive the Internal and External Shopping and Personal Business trips:

- 25% split across Internal and Local with the remaining 75% travelling externally

3.21 The number of Internal, Local and External leisure trips are shown in **Table 3.6**.

Table 3.6 – Internal and External Leisure Trips

	%	Morning Peak (8am to 9am)			Evening Peak (5pm to 6pm)		
		Arr.	Dep.	Tot	Arr.	Dep.	Tot
Internal	25%	2	6	8	22	10	32
External	75%	9	37	46	127	56	182
Total	**100%**	**12**	**49**	**61**	**169**	**74**	**243**

Total Internal, Local and External Trips

3.22 The total number of Internal, Local and External person trips by each journey purpose is shown in **Table 3.7**.

Table 3.7 – Total Internal and External Person Trips by Journey Purpose

Journey Purpose		Morning Peak (8am to 9am)			Evening Peak (5pm to 6pm)		
		Arr.	Dep.	Tot.	Arr.	Dep.	Tot.
Internal Trips							
Residential	Work	**0**	**39**	39	**25**	**0**	25
	School	**28**	**117**	145	**24**	**11**	35
	Shopping and PB	**5**	**22**	27	**23**	**10**	33
	Leisure	**2**	**6**	8	**22**	**10**	32
Employment		10	0	10	0	7	7
Total		**45**	**184**	**230**	**94**	**37**	**131**
External Trips							
Residential	Work	73	264	337	170	86	257
	School	28	117	145	24	11	35
	Shopping and PB	30	124	153	128	56	184
	Leisure	10	43	53	147	65	211
Employment		157	35	192	20	127	147
Total		**298**	**583**	**881**	**489**	**345**	**834**

4 Person Trip Distribution

4.1 Internal and Local Trips

4.1 As shown in **Table 3.7**, 230 person trips will be Internal in the morning peak hour and 131 in the evening peak hour. Due to the short distance of most of these trips, it is expected that walk, cycle and personal micro-mobility modes will be the predominant travel mode with some undertaken by bus and only a small number undertaken by car, as a result of the layout of the development, and the reduction in status given to the car.

4.2 The destinations which these Internal and Local trips will travel to will be spread around the Sharpness Vale development and to existing facilities in Newtown, Sharpness and Berkeley; therefore, detailed distribution of trips has not been considered at this stage. It will be necessary to consider these, and give expression to them as part of a future planning application and detailed Transport Assessment to ensure the proposed pedestrian, cycle & micro-mobility infrastructure is in the correct location and the internal highway network is appropriate for the vehicles envisaged (bus routes, bus only roads and other streets).

4.2 External Trips

Home to Work Trips from Sharpness Vale

4.1 To provide a baseline for our work trip distribution, 2011 Census Journey to Work data has been extracted for the Stroud 012 Middle Super Output Area (MSOA) in which the Sharpness Vale development is located. The 2011 Census data in **Table 4.1** provides the proportions of the most common destinations which current residents in the Stroud 012 MSOA travel to – these are Bristol, South Gloucestershire, Gloucester and Stroud/ Stonehouse.

4.2 The 2011 Census data has been adjusted to reflect the public transport options available to Sharpness residents including the express bus/ coach services to key employment, shopping and leisure destinations such as Cam, Dursley, Stroud and north of Bristol. These public transport options will result in an increase in the number of residents choosing to travel to

destinations such as Gloucester and Bristol, subsequently reducing the number of trips to destinations which are not well served by public transport like Wotton Under Edge, Frampton on Severn and the Forest of Dean.

4.3 The percentage distribution used in the Business and Usual and Sharpness Transport Vision scenarios is shown in **Table 4.1** and the resultant trip generation is shown in **Table 4.2**.

Table 4.1 – 2011 Census and Proposed Work Trip Distribution

	Unadjusted 2011 Census Data	Adjustments	Proposed Distribution
Cam/ Dursley	8%		8%
Bristol	11%	**+4%**	15%
South Gloucestershire	35%	**-7%**	28%
Gloucester	13%	**+7%**	20%
Stroud/ Stonehouse	16%	**-4%**	12%
Cheltenham	3%		3%
Tewkesbury	4%		4%
Wotton Under Edge	5%		5%
Frampton on Severn	4%		4%
Total	**100%**		**100%**

Table 4.2 – Work Trip Distribution

	%	Two-Way Person Trips	
		Morning Peak (8am to 9am)	Evening Peak (5pm to 6pm)
Cam/ Dursley	8%	29	22
Bristol	15%	50	38
South Gloucestershire	28%	95	72
Gloucester	20%	67	51
Stroud/ Stonehouse	12%	40	30
Cheltenham	3%	11	9
Tewkesbury	4%	13	10
Wotton Under Edge	5%	18	14
Frampton on Severn	4%	14	11
Total	**100%**	**337**	**257**

Employment Trips to the Commercial Development at Sharpness Vale

4.4 To understand the destinations that people are currently travelling from in order to access existing employment opportunities in and around Sharpness (including the Docks, Howard Tenens and Berkeley town centre), 2011 Census Method of travel to work (workday population) data has been examined. **Table 4.3** shows that the majority of work trips originate in locations within 20km of Sharpness including Cam, Dursley, South Gloucestershire, Gloucester, Stroud, Stonehouse and Wotton Under Edge.

4.5 The employment offer at Sharpness Vale is planned to be different to the existing activity, and to complement it, with more office and light industrial jobs in the business park as well as retail and service industry jobs across the development. It is possible that the origins of employees

may differ from existing patterns, as a result of the different types of work being undertaken in the new employment area, but for the purposes of this appraisal we have applied the 2011 Census Methodology for Travel to Work (workday population) data as the most reasonable proxy.

Table 4.3 – Employment Trip Distribution

Destination	%	Two-Way Person Trips	
		Morning Peak (8am to 9am)	Evening Peak (5pm to 6pm)
Cam/ Dursley	29%	55	42
Bristol	6%	12	9
South Gloucestershire	21%	40	30
Gloucester	13%	25	19
Stroud/ Stonehouse	16%	31	23
Cheltenham	2%	4	3
Tewkesbury	3%	5	4
Wotton Under Edge	6%	12	10
Frampton on Severn	4%	8	6
Total	**100%**	**192**	**147**

School Trips

4.6 As described in **Section 3.2**, the on-site education will result in a significant amount of school trips staying on-site, at new and existing schools.

4.7 Sharpness Vale is within the catchment area for Rednock School in Dursley and Katharine Lady Berkeley's School in Wotton Under Edge and it has been assumed that 50% of the external school trips will travel to each facility, as shown in **Table 4.4**.

Table 4.4 – School Trip Distribution

Destination	%	Two-Way Person Trips	
		Morning Peak (8am to 9am)	Evening Peak (5pm to 6pm)
Cam/ Dursley (Rednock School)	50%	72	18
Wotton Under Edge (Katharine Lady Berkeley's School)	50%	72	18
Total	**100%**	**145**	**35**

Shopping and Personal Business Trips

4.8 The external shopping and personal business trips are likely to comprise of comparison shopping and trips to services which cannot be done within Sharpness Vale or the local area. These trips are expected to route to local town centres (Stroud, Stonehouse, Cam and Dursley), supermarkets or further afield to Bristol and Gloucester for city centre shops and facilities which are not available in the smaller settlements. Sharpness Vale is well located for access to these off-site facilities: Cam, Dursley, Stroud, Stonehouse and Thornbury are within 20km and Gloucester, Bristol and Cribbs Causeway are within 30km.

4.9 The proposed shopping and personal business trip distribution used is shown in **Table 4.5** and the resultant trip generation is shown in **Table 4.6**.

4.10 It has been assumed that Cam/ Dursley will be the most popular destination as it provides a range of facilities and is within 10km of Sharpness Vale. Supermarkets in Quedgeley (Gloucester) and Thornbury (South Gloucestershire) are also likely to be popular destinations as the next layer of provision beyond the most local facilities. Smaller proportions of people are likely to travel to Bristol, Stroud and Stonehouse, and most likely for more occasional comparison shopping and more significant personal business trips.

Table 4.5 – Shopping and Personal Business Destinations and Distribution Percentage

Destination	Approximate Distance from Sharpness Vale	Facilities	Proposed Distribution
Cam/ Dursley	10km	Supermarkets: Tesco, Sainsburys and Lidl Town centre shops and services	40%
Bristol	40km	City Centre Shops	10%
South Gloucestershire	28km	Supermarkets: Tesco, Morrisons, Asda Cribbs Causeway	20%
Gloucester	32km	Supermarkets: Asda, Tesco Extra City Centre shops and services	20%
Stroud/ Stonehouse	25km	Supermarkets: Sainsburys, Waitrose, Tesco Town centre shops	10%
Total			**100%**

Table 4.6 – Shopping and Personal Business Trip Distribution

Destination	%	Two-Way Person Trips	
		Morning Peak (8am to 9am)	Evening Peak (5pm to 6pm)
Cam/ Dursley	40%	61	74
Bristol	10%	15	18
South Gloucestershire	20%	31	37
Gloucester	20%	31	37
Stroud/ Stonehouse	10%	15	18
Total	**100%**	**153**	**184**

Leisure Trips

4.11 The leisure trip category covers a range of potential journey purposes including visiting friends and family (either at someone's home or elsewhere) and types of entertainment including sports clubs, cinema, voluntary work and going to a restaurant.

4.12 To provide an indication of where leisure trips may travel to, the following methodology has been undertaken:

1. 2011 Census population data and the distance from Sharpness Vale has been extracted for each destination – this provides a useful proxy for trips to visit friends and family (i.e. someone is likely to know more people in a place with a higher population and therefore more likely to travel there to visit them)
2. The distance between Sharpness Vale and the destination has been extracted from Google Earth

3. A population weighting has been assigned to each destination based on the following values
   - 1.0 = Less than 50,000
   - 1.2 = 50,000 – 99,999
   - 1.4 = 100,000 – 199,999
   - 1.6 = 200,000 – 399,999
   - 1.8 = 400,000+
4. A distance weighting has been calculated using 1 / distance
5. A review of the leisure facilities in each destination has been undertaken and each destination has been assigned a score of between 1 and 10 based on an objective assessment of the leisure offer
6. The population weighting, distance weighting and leisure facilities rank have been multiplied together to give an overall score
7. The score proportions have been calculated to determine the percentage distribution

4.13 The leisure trip distribution calculations are shown in **Table 4.7**. The resultant morning and evening peak hour leisure trips are shown in **Table 4.8** for each destination.

Table 4.7 – Leisure Trip Distribution Calculations

Destination	Population (1)	Distance from Sharpness Vale (km) (2)	Population Weighting (3)	Distance (4)	Leisure Facilities (5)	Score (6)	% Dist. (7)
Cam & Dursley	14,859	9	1.0	0.11	3	0.67	13%
Bristol	428,100	30	1.8	0.03	10	0.54	24%
South Gloucestershire	262,767	22	1.6	0.05	8	0.51	20%
Gloucester	136,362	25	1.4	0.04	8	0.45	15%
Stroud/ Stonehouse	69,072	19	1.2	0.05	5	0.25	11%
Cheltenham	116,447	35	1.4	0.03	5	0.20	8%
Tewkesbury	19,778	40	1.0	0.03	3	0.05	3%
Wotton Under Edge	8,606	12	1.0	0.08	1	0.25	4%
Frampton on Severn	6,554	11	1.0	0.09	1	0.09	3%

Table 4.8 – Leisure Trip Distribution

	%	Two-Way Person Trips	
		Morning Peak (8am to 9am)	Evening Peak (5pm to 6pm)
Cam/ Dursley	13%	7	27
Bristol	24%	13	50
South Gloucestershire	20%	11	43
Gloucester	15%	8	31
Stroud/ Stonehouse	11%	6	24
Cheltenham	8%	4	17
Tewkesbury	3%	2	6
Wotton Under Edge	4%	2	8
Frampton on Severn	3%	2	6
Total	100%	**53**	**211**

Person Trip Distribution Summary

4.14 The person trip distribution for each journey purpose for the morning and evening peak hours is shown in **Table 4.9**.

Table 4.9 – Person Trip Distribution Summary

Destination	Morning Peak (8am to 9am)						Evening Peak (5pm to 6pm)					
	Residential				Employment	Total	Residential				Employment	Total
	Work	School	Shopping and PB	Leisure			Work	School	Shopping and PB	Leisure		
Cam/ Dursley	27	72	50	6	55	211	21	18	61	23	42	165
Bristol	35	0	13	11	12	70	27	0	15	43	9	94
South Gloucestershire	113	0	25	9	39	187	87	0	30	37	30	184
Gloucester	42	0	25	7	25	99	32	0	30	27	19	108
Stroud/ Stonehouse	51	0	13	5	30	99	39	0	15	21	23	98
Cheltenham	11	0	0	4	4	18	8	0	0	15	3	26
Tewkesbury	12	0	0	1	5	19	9	0	0	5	4	18
Wotton Under Edge	17	72	0	2	12	104	13	18	0	7	9	47
Frampton on Severn	14	0	0	1	8	23	10	0	0	5	6	22
Total	**322**	**145**	**126**	**46**	**191**	**830**	**247**	**35**	**152**	**182**	**146**	**762**

5 Mode Share

5.1 To derive the mode share for each journey purpose, mode share data from the National Travel Survey has been extracted. This gives an accurate representation of how people currently travel across England whilst not making any allowance for mode shift caused by travel planning, on-site infrastructure provision or changing travel habits. This data has been aggregated into the four journey purposes, as shown in **Table 5.1** below. A comparison with mode share data from the TEMPro database for Stroud District is also provided which shows the National Travel Survey data is largely comparable with the TEMPro data.

Table 5.1 – National Travel Survey Travel Mode by Journey Purpose

Journey Purpose	Car Driver	Car Passenger	Bus/ Coach	Train
Work and Employment	75%	10%	6%	10%
School	42%	44%	11%	2%
Shopping and Personal Business	64%	29%	5%	1%
Leisure	50%	44%	3%	3%
Average	58%	32%	6%	4%
TEMPro Mode Share for Stroud District	63%	31%	5%	1%

5.2 The following sections provide the mode share by destination and journey purpose. An adjustment has been made to the percentage mode share for some destinations if the public transport option is not considered feasible; for example, it is highly unlikely anybody would get the bus to Cheltenham when the train would be much quicker. Therefore, the mode share for the unfeasible public transport mode has been added to the other public transport option (so in this case, the Cheltenham bus mode share has been added to the train mode share).

Work and Employment Trips

5.3 The work and employment trip mode share by destination is shown in **Table 5.2** with the resultant work and employment trips shown in **Tables 5.3** and **5.4** respectively.

Table 5.2 – Work and Employment Trip Mode Share by Destination

Destination	Mode				
	Car Driver	Car Passenger	Bus/ Coach	Train	Total
Cam/ Dursley	75%	10%	15%		**100%**
Bristol	75%	10%	15%		**100%**
South Gloucestershire	75%	10%	15%		**100%**
Gloucester	75%	10%	15%		**100%**
Stroud/ Stonehouse	75%	10%	15%		**100%**
Cheltenham	75%	10%	15%		**100%**
Tewkesbury	75%	10%	15%		**100%**
Wotton Under Edge	75%	10%	15%		**100%**
Frampton on Severn	75%	10%	15%		**100%**

Table 5.3 – Morning and Evening Peak Work Trips by Destination and Mode

Destination	% Distribution	Morning Peak (8am to 9am)					Evening Peak (5pm to 6pm)				
		Car Driver	Car Passenger	Bus/ Coach	Train	Total	Car Driver	Car Passenger	Bus/ Coach	Train	Total
Cam/ Dursley	8%	49	6	10		**65**	38	5	8		**50**
Bristol	11%	63	8	13		**83**	48	6	10		**64**
South Gloucestershire	35%	204	26	41		**271**	156	20	32		**208**
Gloucester	13%	76	10	15		**100**	58	7	12		**77**
Stroud/ Stonehouse	16%	92	12	19		**122**	71	9	14		**94**
Cheltenham	3%	19	2	4		**26**	15	2	3		**20**
Tewkesbury	4%	22	3	5		**30**	17	2	3		**23**
Wotton Under Edge	5%	32	4	6		**42**	24	3	5		**32**
Frampton on Severn	4%	25	3	5		**33**	19	2	4		**25**
Total	**100%**	**581**	**74**	**118**		**773**	**445**	**57**	**90**		**592**

Table 5.4 – Morning and Evening Peak Employment Trips by Destination and Mode

Destination	% Distribution	Morning Peak (8am to 9am)					Evening Peak (5pm to 6pm)				
		Car Driver	Car Passenger	Bus/ Coach	Train	Total	Car Driver	Car Passenger	Bus/ Coach	Train	Total
Cam/ Dursley	29%	108	14	22		**144**	83	11	17		**110**
Bristol	6%	23	3	5		**30**	17	2	4		**23**
South Gloucestershire	21%	78	10	16		**103**	59	8	12		**79**
Gloucester	13%	49	6	10		**65**	37	5	8		**50**
Stroud/ Stonehouse	16%	59	8	12		**79**	45	6	9		**61**
Cheltenham	2%	8	1	2		**10**	6	1	1		**8**
Tewkesbury	3%	10	1	2		**13**	7	1	2		**10**
Wotton Under Edge	6%	24	3	5		**32**	19	2	4		**25**
Frampton on Severn	4%	16	2	3		**22**	12	2	3		**16**
Total	**100%**	**374**	**48**	**76**		**498**	**287**	**37**	**58**		**381**

School Trips

5.4 The school trip mode share by destination is shown in **Table 5.5** with the resultant morning and evening peak trips shown in **Table 5.6**.

Table 5.5 – School Trip Mode Share by Destination

Destination	Mode				
	Car Driver	Car Passenger	Bus/ Coach	Train	Total
Cam/ Dursley	42%	44%	13%		100%
Wotton Under Edge	42%	44%	13%		100%

Table 5.6 – Morning and Evening Peak School Trips by Destination and Mode

Destination	% Distribution	Morning Peak (8am to 9am)					Evening Peak (5pm to 6pm)				
		Car Driver	Car Passenger	Bus/ Coach	Train	Total	Car Driver	Car Passenger	Bus/ Coach	Train	Total
Cam/ Dursley	50%	31	32	10		**72**	7	8	2		**18**
Wotton Under Edge	50%	31	32	10		**72**	7	8	2		**18**
Total	**100%**	**61**	**64**	**19**		**145**	**15**	**16**	**5**		**35**

Shopping and Personal Business Trips

5.5 The shopping and personal business trip mode share by destination is shown in **Table 5.7** with the resultant morning and evening peak trips shown in **Table 5.8**.

Table 5.7 – Shopping and Personal Business Trip Mode Share by Destination

Destination	Mode				
	Car Driver	Car Passenger	Bus/ Coach	Train	Total
Cam/ Dursley	64%	29%	7%		100%
Bristol	64%	29%	7%		100%
South Gloucestershire	64%	29%	7%		100%
Gloucester	64%	29%	7%		100%
Stroud/ Stonehouse	64%	29%	7%		100%

Table 5.8 – Morning and Evening Peak Shopping and Personal Business Trips by Destination and Mode

Destination	% Distribution	Morning Peak (8am to 9am)					Evening Peak (5pm to 6pm)				
		Car Driver	Car Passenger	Bus/ Coach	Train	Total	Car Driver	Car Passenger	Bus/ Coach	Train	Total
Cam/ Dursley	40%	33	15	3		**50**	39	18	4		**61**
Bristol	10%	8	4	1		**13**	10	4	1		**15**
South Gloucestershire	20%	16	7	2		**25**	20	9	2		**30**
Gloucester	20%	16	7	2		**25**	20	9	2		**30**
Stroud/ Stonehouse	10%	8	4	1		**13**	10	4	1		**15**
Total	**100%**	**81**	**37**	**8**		**126**	**98**	**44**	**10**		**152**

Leisure Trips

5.6 The leisure trip mode share by destination is shown in **Table 5.9** with the resultant morning and evening peak trips shown in **Table 5.10**.

Table 5.9 – Leisure Trip Mode Share by Destination

Destination	Mode				
	Car Driver	Car Passenger	Bus/ Coach	Train	Total
Cam/ Dursley	50%	44%	6%		100%
Bristol	50%	44%	6%		100%
South Gloucestershire	50%	44%	6%		100%
Gloucester	50%	44%	6%		100%
Stroud/ Stonehouse	50%	44%	6%		100%
Cheltenham	50%	44%	6%		100%
Tewkesbury	50%	44%	6%		100%
Wotton Under Edge	50%	44%	6%		100%
Frampton on Severn	50%	44%	6%		100%

Table 5.10 – Morning and Evening Peak Leisure Trips by Destination and Mode

Destination	% Distribution	Morning Peak (8am to 9am)					Evening Peak (5pm to 6pm)				
		Car Driver	Car Passenger	Bus/ Coach	Train	Total	Car Driver	Car Passenger	Bus/ Coach	Train	Total
Cam/ Dursley	13%	3	3	0		**6**	12	10	2		**23**
Bristol	24%	5	5	1		**11**	21	19	3		**43**
South Gloucestershire	20%	5	4	1		**9**	18	16	2		**37**
Gloucester	15%	3	3	0		**7**	13	12	2		**27**
Stroud/ Stonehouse	11%	3	2	0		**5**	10	9	1		**21**
Cheltenham	8%	2	2	0		**4**	7	6	1		**15**
Tewkesbury	3%	1	1	0		**1**	3	2	0		**5**
Wotton Under Edge	4%	1	1	0		**2**	3	3	0		**7**
Frampton on Severn	3%	1	1	0		**1**	3	2	0		**5**
Total	**100%**	**23**	**20**	**3**		**46**	**91**	**80**	**12**		**182**

Total Trips

5.7 The total Sharpness Vale two-way peak hour trip generation by destination and mode is shown in **Table 5.11**.

Table 5.11 – Morning and Evening Peak Total Trips by Destination and Mode

Destination	Average % Distribution	Morning Peak (8am to 9am)					Evening Peak (5pm to 6pm)				
		Car Driver	Car Passenger	Bus/ Coach	Train	Total	Car Driver	Car Passenger	Bus/ Coach	Train	Total
Cam/ Dursley	24%	128	57	26		**211**	106	42	17		**165**
Bristol	10%	48	13	9		**70**	58	27	9		**94**
South Gloucestershire	23%	135	26	25		**187**	126	36	22		**184**
Gloucester	13%	70	17	12		**99**	71	25	11		**108**
Stroud/ Stonehouse	12%	72	14	14		**99**	67	19	12		**98**
Cheltenham	3%	13	3	2		**18**	16	7	3		**26**
Tewkesbury	2%	14	2	3		**19**	13	4	2		**18**
Wotton Under Edge	9%	54	36	14		**104**	28	13	6		**47**
Frampton on Severn	3%	17	3	3		**23**	15	4	3		**22**
Total	**100%**	**551**	**170**	**109**		**830**	**499**	**177**	**86**		**762**
All Purpose Mode Share		**66%**	**21%**	**13%**			**65%**	**23%**	**11%**		

6 Vehicle Trip Assignment

6.1 The assignment of vehicle traffic has been based on an assessment of the likely routes which will be taken by development traffic to reach the destinations outlined in the previous sections. All external vehicle trips from Sharpness Vale will access the A38 by one of two routes:

- Via the A38/ B4066 Berkeley Road junction for destinations to/ from the north such as Gloucester, Cheltenham, Tewkesbury, Stroud, Stonehouse, Cam, Dursley and Frampton on Severn
- Via the A38/ Alkington Lane junction for destinations to/ from the south such as Bristol and South Gloucestershire

6.2 These directions have been further split into eight routes (five northbound and three southbound) which are summarised in **Table 6.1** and shown in **Figure 6.1** along with the

percentage of traffic using each route in both the Business as Usual and Sharpness Transport Vision scenarios.

Table 6.1 – Vehicle Assignment Routes

Direction from Site	Fig. 6.1 Ref.	Route	Destinations	% Traffic
North (via A38/ B4066 junction)	1	A38 N	Gloucester (50%)	7%
	2	M5 N	Gloucester (50%) Cheltenham Tewkesbury	12%
	3	A419 E	Stroud/ Stonehouse	13%
	4	Berkeley Road	Cam & Dursley	30%
	5	B4071	Frampton on Severn	3%
South (via A48/ Alkington Lane junction)	6	A38 S	South Gloucestershire (36%)	9%
	7	M5 S	Bristol South Gloucestershire (32%)	18%
	8	B4509 E	South Gloucestershire (32%)	8%

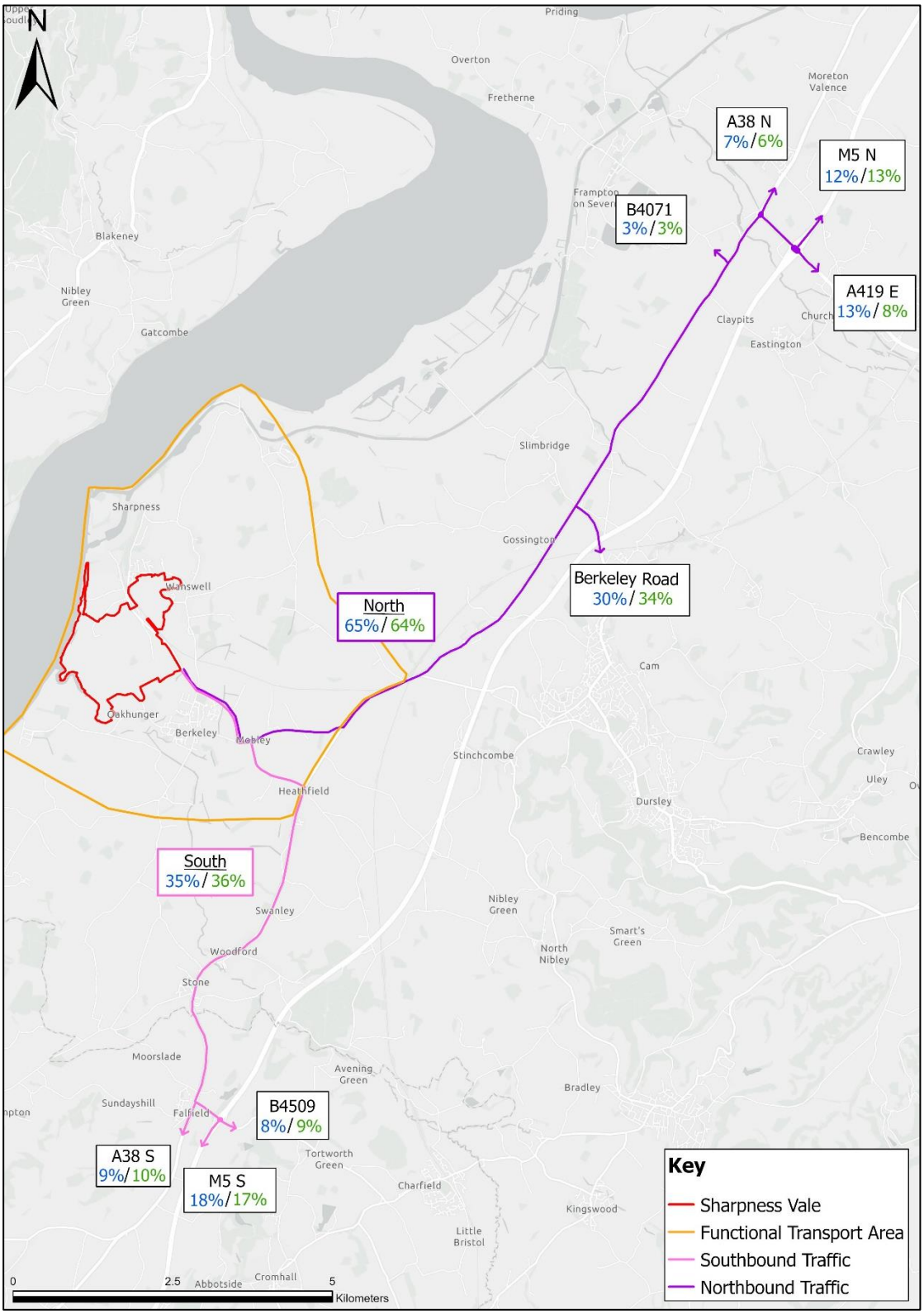

Figure 6.1 – Vehicle Assignment Routes

6.7 The resultant traffic flows using M5 Junction 14 – and therefore included in the VISSIM model – are shown in **Table 6.2** below.

Table 6.2 – M5 Junction 14 Development Flows

	Morning Peak (8am to 9am)			Evening Peak (5pm to 6pm)		
	In	**Out**	**Two-Way**	**In**	**Out**	**Two-Way**
A38 S	17	31	48	26	19	45
M5 S	31	61	92	59	40	98
B4509 E	15	28	44	23	17	41
Total	**63**	**121**	**184**	**107**	**76**	**183**

Appendix A TRICS Outputs

PETER BRETT ASSSOCIATES LLP VICTORIA SQUARE BIRMINGHAM Licence No: 706706

Filtering Summary

Land Use	03/A	RESIDENTIAL/HOUSES PRIVATELY OWNED
Selected Trip Rate Calculation Parameter Range	100-805 DWELLS	
Actual Trip Rate Calculation Parameter Range	110-805 DWELLS	
Date Range	Minimum: 01/01/11	Maximum: 10/07/18
Parking Spaces Range	All Surveys Included	
Percentage of dwellings privately owned:	All Surveys Included	
Days of the week selected	Monday	3
	Tuesday	3
	Wednesday	3
	Thursday	4
	Friday	4
Main Location Types selected	Suburban Area (PPS6 Out of Centre)	4
	Edge of Town	11
	Neighbourhood Centre (PPS6 Local Centre)	2
Population <1 Mile ranges selected	1,000 or Less	1
	1,001 to 5,000	4
	5,001 to 10,000	2
	10,001 to 15,000	7
	15,001 to 20,000	1
	20,001 to 25,000	2
Population <5 Mile ranges selected	5,001 to 25,000	4
	25,001 to 50,000	1
	50,001 to 75,000	3
	75,001 to 100,000	3
	125,001 to 250,000	6
Car Ownership <5 Mile ranges selected	0.6 to 1.0	4
	1.1 to 1.5	13
PTAL Rating	No PTAL Present	17

Calculation Reference: AUDIT-706706-190712-0756

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL
Category : A - HOUSES PRIVATELY OWNED
MULTI-MODAL VEHICLES

Selected regions and areas:

02	SOUTH EAST		
	ES	EAST SUSSEX	2 days
	KC	KENT	4 days
	WS	WEST SUSSEX	4 days
03	SOUTH WEST		
	DV	DEVON	1 days
05	EAST MIDLANDS		
	DS	DERBYSHIRE	1 days
06	WEST MIDLANDS		
	ST	STAFFORDSHIRE	1 days
	WO	WORCESTERSHIRE	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE		
	NE	NORTH EAST LINCOLNSHIRE	1 days
	NY	NORTH YORKSHIRE	1 days
09	NORTH		
	DH	DURHAM	1 days

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

Secondary Filtering selection:

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

Parameter: Number of dwellings
Actual Range: 110 to 805 (units:)
Range Selected by User: 100 to 805 (units:)

Parking Spaces Range: All Surveys Included

Percentage of dwellings privately owned: All Surveys Included

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/11 to 10/07/18

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	3 days
Tuesday	3 days
Wednesday	3 days
Thursday	4 days
Friday	4 days

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

Selected survey types:

Manual count	17 days
Directional ATC Count	0 days

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

Selected Locations:

Suburban Area (PPS6 Out of Centre)	4
Edge of Town	11
Neighbourhood Centre (PPS6 Local Centre)	2

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	15
Village	1
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,

Secondary Filtering selection:

Use Class:

C3	17 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:

1,000 or Less	1 days
1,001 to 5,000	4 days
5,001 to 10,000	2 days
10,001 to 15,000	7 days
15,001 to 20,000	1 days
20,001 to 25,000	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	4 days
25,001 to 50,000	1 days
50,001 to 75,000	3 days
75,001 to 100,000	3 days
125,001 to 250,000	6 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	4 days
1.1 to 1.5	13 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	4 days
No	13 days

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

PTAL Rating:

No PTAL Present	17 days

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

LIST OF SITES relevant to selection parameters

Site(1):	DH-03-A-02	Site area:	4.03 hect
Development Name:	MIXED HOUSES	Number of dwellings:	125
Location:	BISHOP AUCKLAND	Housing density:	38
Postcode:	DL14 9UG	Total Bedrooms:	423
Main Location Type:	Neighbourhood Centre (PPS6 Local Centre)	Survey Date:	27/03/17
Sub-Location Type:	Residential Zone	Survey Day:	Monday
PTAL:	n/a	Parking Spaces:	124
Site(2):	DS-03-A-02	Site area:	16.45 hect
Development Name:	MIXED HOUSES	Number of dwellings:	371
Location:	DERBY	Housing density:	36
Postcode:	DE22 4HH	Total Bedrooms:	1402
Main Location Type:	Edge of Town	Survey Date:	10/07/18
Sub-Location Type:	Residential Zone	Survey Day:	Tuesday
PTAL:	n/a	Parking Spaces:	1083
Site(3):	DV-03-A-02	Site area:	4.04 hect
Development Name:	HOUSES & BUNGALOWS	Number of dwellings:	116
Location:	HONITON	Housing density:	44
Postcode:	EX14 1JB	Total Bedrooms:	306
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	25/09/15
Sub-Location Type:	Residential Zone	Survey Day:	Friday
PTAL:	n/a	Parking Spaces:	261
Site(4):	ES-03-A-03	Site area:	9.91 hect
Development Name:	MIXED HOUSES & FLATS	Number of dwellings:	212
Location:	POLEGATE	Housing density:	63
Postcode:	BN26 6HR	Total Bedrooms:	649
Main Location Type:	Edge of Town	Survey Date:	11/07/16
Sub-Location Type:	Residential Zone	Survey Day:	Monday
PTAL:	n/a	Parking Spaces:	357
Site(5):	ES-03-A-04	Site area:	4.68 hect
Development Name:	MIXED HOUSES & FLATS	Number of dwellings:	134
Location:	CAMBER	Housing density:	59
Postcode:	TN31 7SN	Total Bedrooms:	386
Main Location Type:	Edge of Town	Survey Date:	15/07/16
Sub-Location Type:	Residential Zone	Survey Day:	Friday
PTAL:	n/a	Parking Spaces:	256
Site(6):	KC-03-A-04	Site area:	4.31 hect
Development Name:	SEMI-DETACHED & TERRACED	Number of dwellings:	110
Location:	AYLESFORD	Housing density:	32
Postcode:	ME20 6FN	Total Bedrooms:	330
Main Location Type:	Edge of Town	Survey Date:	22/09/17
Sub-Location Type:	Residential Zone	Survey Day:	Friday
PTAL:	n/a	Parking Spaces:	195
Site(7):	KC-03-A-06	Site area:	8.00 hect
Development Name:	MIXED HOUSES & FLATS	Number of dwellings:	363
Location:	HERNE BAY	Housing density:	73
Postcode:	CT6 6DF	Total Bedrooms:	1007
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	27/09/17
Sub-Location Type:	Residential Zone	Survey Day:	Wednesday
PTAL:	n/a	Parking Spaces:	789
Site(8):	KC-03-A-07	Site area:	9.46 hect
Development Name:	MIXED HOUSES	Number of dwellings:	288
Location:	HERNE BAY	Housing density:	40
Postcode:	CT6 6HZ	Total Bedrooms:	934
Main Location Type:	Edge of Town	Survey Date:	27/09/17
Sub-Location Type:	Residential Zone	Survey Day:	Wednesday
PTAL:	n/a	Parking Spaces:	891
Site(9):	KC-03-A-08	Site area:	0.86 hect
Development Name:	MIXED HOUSES	Number of dwellings:	159
Location:	CHARING	Housing density:	418
Postcode:	TN27 0GX	Total Bedrooms:	569
Main Location Type:	Neighbourhood Centre (PPS6 Local Centre)	Survey Date:	22/05/18
Sub-Location Type:	Village	Survey Day:	Tuesday
PTAL:	n/a	Parking Spaces:	480
Site(10):	NE-03-A-02	Site area:	12.00 hect
Development Name:	SEMI DETACHED & DETACHED	Number of dwellings:	432
Location:	SCUNTHORPE	Housing density:	133
Postcode:	DN15 8GS	Total Bedrooms:	1174
Main Location Type:	Edge of Town	Survey Date:	12/05/14
Sub-Location Type:	No Sub Category	Survey Day:	Monday
PTAL:	n/a	Parking Spaces:	432

LIST OF SITES relevant to selection parameters (Cont.)

Site(11):	NY-03-A-06	Site area:	5.23 hect
Development Name:	BUNGALOWS & SEMI DET.	Number of dwellings:	115
Location:	BOROUGHBRIDGE	Housing density:	28
Postcode:	YO51 9NF	Total Bedrooms:	220
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	14/10/11
Sub-Location Type:	Residential Zone	Survey Day:	Friday
PTAL:	n/a	Parking Spaces:	402

Site(12):	ST-03-A-07	Site area:	9.00 hect
Development Name:	DETACHED & SEMI-DETACHED	Number of dwellings:	248
Location:	STAFFORD	Housing density:	173
Postcode:	ST16 1GZ	Total Bedrooms:	821
Main Location Type:	Edge of Town	Survey Date:	22/11/17
Sub-Location Type:	Residential Zone	Survey Day:	Wednesday
PTAL:	n/a	Parking Spaces:	881

Site(13):	WO-03-A-07	Site area:	6.14 hect
Development Name:	MIXED HOUSES	Number of dwellings:	146
Location:	WORCESTER	Housing density:	27
Postcode:	WR3 7LE	Total Bedrooms:	550
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	26/06/18
Sub-Location Type:	Residential Zone	Survey Day:	Tuesday
PTAL:	n/a	Parking Spaces:	630

Site(14):	WS-03-A-04	Site area:	5.45 hect
Development Name:	MIXED HOUSES	Number of dwellings:	151
Location:	HORSHAM	Housing density:	46
Postcode:	RH12 1EP	Total Bedrooms:	465
Main Location Type:	Edge of Town	Survey Date:	11/12/14
Sub-Location Type:	Residential Zone	Survey Day:	Thursday
PTAL:	n/a	Parking Spaces:	345

Site(15):	WS-03-A-06	Site area:	33.15 hect
Development Name:	MIXED HOUSES	Number of dwellings:	805
Location:	WEST HORSHAM	Housing density:	43
Postcode:	RH12 3LN	Total Bedrooms:	2501
Main Location Type:	Edge of Town	Survey Date:	02/03/17
Sub-Location Type:	Residential Zone	Survey Day:	Thursday
PTAL:	n/a	Parking Spaces:	1726

Site(16):	WS-03-A-08	Site area:	8.86 hect
Development Name:	MIXED HOUSES	Number of dwellings:	180
Location:	ANGMERING	Housing density:	41
Postcode:	BN16 4PQ	Total Bedrooms:	586
Main Location Type:	Edge of Town	Survey Date:	19/04/18
Sub-Location Type:	Residential Zone	Survey Day:	Thursday
PTAL:	n/a	Parking Spaces:	527

Site(17):	WS-03-A-09	Site area:	5.36 hect
Development Name:	MIXED HOUSES & FLATS	Number of dwellings:	197
Location:	WORTHING	Housing density:	52
Postcode:	BN12 6FE	Total Bedrooms:	591
Main Location Type:	Edge of Town	Survey Date:	05/07/18
Sub-Location Type:	Residential Zone	Survey Day:	Thursday
PTAL:	n/a	Parking Spaces:	380

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

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	17	244	0.074	17	244	0.289	17	244	0.363
08:00 - 09:00	17	244	0.118	17	244	0.359	17	244	0.477
09:00 - 10:00	17	244	0.138	17	244	0.153	17	244	0.291
10:00 - 11:00	17	244	0.122	17	244	0.150	17	244	0.272
11:00 - 12:00	17	244	0.125	17	244	0.139	17	244	0.264
12:00 - 13:00	17	244	0.144	17	244	0.140	17	244	0.284
13:00 - 14:00	17	244	0.151	17	244	0.143	17	244	0.294
14:00 - 15:00	17	244	0.151	17	244	0.172	17	244	0.323
15:00 - 16:00	17	244	0.241	17	244	0.159	17	244	0.400
16:00 - 17:00	17	244	0.250	17	244	0.158	17	244	0.408
17:00 - 18:00	17	244	0.319	17	244	0.143	17	244	0.462
18:00 - 19:00	17	244	0.289	17	244	0.166	17	244	0.455
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.122			2.171			4.293

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	110 - 805 (units:)
Survey date date range:	01/01/11 - 10/07/18
Number of weekdays (Monday-Friday):	17
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

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

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

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	17	244	0.001	17	244	0.001	17	244	0.002
08:00 - 09:00	17	244	0.002	17	244	0.002	17	244	0.004
09:00 - 10:00	17	244	0.002	17	244	0.001	17	244	0.003
10:00 - 11:00	17	244	0.002	17	244	0.003	17	244	0.005
11:00 - 12:00	17	244	0.001	17	244	0.001	17	244	0.002
12:00 - 13:00	17	244	0.001	17	244	0.002	17	244	0.003
13:00 - 14:00	17	244	0.002	17	244	0.001	17	244	0.003
14:00 - 15:00	17	244	0.002	17	244	0.002	17	244	0.004
15:00 - 16:00	17	244	0.004	17	244	0.004	17	244	0.008
16:00 - 17:00	17	244	0.003	17	244	0.003	17	244	0.006
17:00 - 18:00	17	244	0.001	17	244	0.001	17	244	0.002
18:00 - 19:00	17	244	0.002	17	244	0.002	17	244	0.004
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.023			0.023			0.046

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.*

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

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	17	244	0.000	17	244	0.000	17	244	0.000
08:00 - 09:00	17	244	0.001	17	244	0.001	17	244	0.002
09:00 - 10:00	17	244	0.002	17	244	0.001	17	244	0.003
10:00 - 11:00	17	244	0.003	17	244	0.003	17	244	0.006
11:00 - 12:00	17	244	0.001	17	244	0.002	17	244	0.003
12:00 - 13:00	17	244	0.002	17	244	0.002	17	244	0.004
13:00 - 14:00	17	244	0.002	17	244	0.001	17	244	0.003
14:00 - 15:00	17	244	0.001	17	244	0.002	17	244	0.003
15:00 - 16:00	17	244	0.001	17	244	0.002	17	244	0.003
16:00 - 17:00	17	244	0.001	17	244	0.001	17	244	0.002
17:00 - 18:00	17	244	0.000	17	244	0.000	17	244	0.000
18:00 - 19:00	17	244	0.000	17	244	0.000	17	244	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.014			0.015			0.029

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
MULTI-MODAL PSVS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	17	244	0.000	17	244	0.000	17	244	0.000
08:00 - 09:00	17	244	0.000	17	244	0.000	17	244	0.000
09:00 - 10:00	17	244	0.000	17	244	0.000	17	244	0.000
10:00 - 11:00	17	244	0.000	17	244	0.000	17	244	0.000
11:00 - 12:00	17	244	0.000	17	244	0.000	17	244	0.000
12:00 - 13:00	17	244	0.000	17	244	0.000	17	244	0.000
13:00 - 14:00	17	244	0.000	17	244	0.000	17	244	0.000
14:00 - 15:00	17	244	0.000	17	244	0.000	17	244	0.000
15:00 - 16:00	17	244	0.000	17	244	0.000	17	244	0.000
16:00 - 17:00	17	244	0.000	17	244	0.000	17	244	0.000
17:00 - 18:00	17	244	0.000	17	244	0.000	17	244	0.000
18:00 - 19:00	17	244	0.000	17	244	0.000	17	244	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.*

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

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	17	244	0.004	17	244	0.007	17	244	0.011
08:00 - 09:00	17	244	0.004	17	244	0.007	17	244	0.011
09:00 - 10:00	17	244	0.000	17	244	0.002	17	244	0.002
10:00 - 11:00	17	244	0.001	17	244	0.002	17	244	0.003
11:00 - 12:00	17	244	0.002	17	244	0.003	17	244	0.005
12:00 - 13:00	17	244	0.003	17	244	0.003	17	244	0.006
13:00 - 14:00	17	244	0.002	17	244	0.002	17	244	0.004
14:00 - 15:00	17	244	0.002	17	244	0.002	17	244	0.004
15:00 - 16:00	17	244	0.004	17	244	0.004	17	244	0.008
16:00 - 17:00	17	244	0.007	17	244	0.007	17	244	0.014
17:00 - 18:00	17	244	0.011	17	244	0.008	17	244	0.019
18:00 - 19:00	17	244	0.007	17	244	0.006	17	244	0.013
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.047			0.053			0.100

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
MULTI-MODAL VEHICLE OCCUPANTS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	17	244	0.094	17	244	0.419	17	244	0.513
08:00 - 09:00	17	244	0.149	17	244	0.620	17	244	0.769
09:00 - 10:00	17	244	0.175	17	244	0.218	17	244	0.393
10:00 - 11:00	17	244	0.158	17	244	0.206	17	244	0.364
11:00 - 12:00	17	244	0.164	17	244	0.203	17	244	0.367
12:00 - 13:00	17	244	0.193	17	244	0.194	17	244	0.387
13:00 - 14:00	17	244	0.214	17	244	0.201	17	244	0.415
14:00 - 15:00	17	244	0.210	17	244	0.238	17	244	0.448
15:00 - 16:00	17	244	0.417	17	244	0.225	17	244	0.642
16:00 - 17:00	17	244	0.416	17	244	0.237	17	244	0.653
17:00 - 18:00	17	244	0.490	17	244	0.210	17	244	0.700
18:00 - 19:00	17	244	0.429	17	244	0.251	17	244	0.680
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			3.109			3.222			6.331

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
MULTI-MODAL PEDESTRIANS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	17	244	0.015	17	244	0.026	17	244	0.041
08:00 - 09:00	17	244	0.022	17	244	0.080	17	244	0.102
09:00 - 10:00	17	244	0.033	17	244	0.037	17	244	0.070
10:00 - 11:00	17	244	0.033	17	244	0.036	17	244	0.069
11:00 - 12:00	17	244	0.027	17	244	0.026	17	244	0.053
12:00 - 13:00	17	244	0.031	17	244	0.027	17	244	0.058
13:00 - 14:00	17	244	0.025	17	244	0.024	17	244	0.049
14:00 - 15:00	17	244	0.029	17	244	0.038	17	244	0.067
15:00 - 16:00	17	244	0.085	17	244	0.038	17	244	0.123
16:00 - 17:00	17	244	0.062	17	244	0.033	17	244	0.095
17:00 - 18:00	17	244	0.047	17	244	0.028	17	244	0.075
18:00 - 19:00	17	244	0.033	17	244	0.035	17	244	0.068
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.442			0.428			0.870

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
MULTI-MODAL BUS/TRAM PASSENGERS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	17	244	0.000	17	244	0.010	17	244	0.010
08:00 - 09:00	17	244	0.000	17	244	0.017	17	244	0.017
09:00 - 10:00	17	244	0.001	17	244	0.009	17	244	0.010
10:00 - 11:00	17	244	0.003	17	244	0.002	17	244	0.005
11:00 - 12:00	17	244	0.002	17	244	0.004	17	244	0.006
12:00 - 13:00	17	244	0.003	17	244	0.002	17	244	0.005
13:00 - 14:00	17	244	0.004	17	244	0.003	17	244	0.007
14:00 - 15:00	17	244	0.004	17	244	0.003	17	244	0.007
15:00 - 16:00	17	244	0.013	17	244	0.006	17	244	0.019
16:00 - 17:00	17	244	0.016	17	244	0.006	17	244	0.022
17:00 - 18:00	17	244	0.010	17	244	0.002	17	244	0.012
18:00 - 19:00	17	244	0.010	17	244	0.005	17	244	0.015
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.066			0.069			0.135

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
MULTI-MODAL TOTAL RAIL PASSENGERS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	17	244	0.001	17	244	0.004	17	244	0.005
08:00 - 09:00	17	244	0.000	17	244	0.007	17	244	0.007
09:00 - 10:00	17	244	0.000	17	244	0.003	17	244	0.003
10:00 - 11:00	17	244	0.000	17	244	0.001	17	244	0.001
11:00 - 12:00	17	244	0.000	17	244	0.001	17	244	0.001
12:00 - 13:00	17	244	0.000	17	244	0.001	17	244	0.001
13:00 - 14:00	17	244	0.001	17	244	0.000	17	244	0.001
14:00 - 15:00	17	244	0.000	17	244	0.000	17	244	0.000
15:00 - 16:00	17	244	0.003	17	244	0.001	17	244	0.004
16:00 - 17:00	17	244	0.003	17	244	0.000	17	244	0.003
17:00 - 18:00	17	244	0.005	17	244	0.001	17	244	0.006
18:00 - 19:00	17	244	0.004	17	244	0.000	17	244	0.004
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.017			0.019			0.036

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
MULTI-MODAL COACH PASSENGERS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	17	244	0.000	17	244	0.000	17	244	0.000
08:00 - 09:00	17	244	0.000	17	244	0.000	17	244	0.000
09:00 - 10:00	17	244	0.000	17	244	0.000	17	244	0.000
10:00 - 11:00	17	244	0.000	17	244	0.000	17	244	0.000
11:00 - 12:00	17	244	0.000	17	244	0.000	17	244	0.000
12:00 - 13:00	17	244	0.000	17	244	0.000	17	244	0.000
13:00 - 14:00	17	244	0.000	17	244	0.000	17	244	0.000
14:00 - 15:00	17	244	0.000	17	244	0.000	17	244	0.000
15:00 - 16:00	17	244	0.000	17	244	0.000	17	244	0.000
16:00 - 17:00	17	244	0.000	17	244	0.000	17	244	0.000
17:00 - 18:00	17	244	0.000	17	244	0.000	17	244	0.000
18:00 - 19:00	17	244	0.000	17	244	0.000	17	244	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.*

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

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	17	244	0.001	17	244	0.015	17	244	0.016
08:00 - 09:00	17	244	0.000	17	244	0.025	17	244	0.025
09:00 - 10:00	17	244	0.001	17	244	0.012	17	244	0.013
10:00 - 11:00	17	244	0.003	17	244	0.003	17	244	0.006
11:00 - 12:00	17	244	0.002	17	244	0.005	17	244	0.007
12:00 - 13:00	17	244	0.003	17	244	0.004	17	244	0.007
13:00 - 14:00	17	244	0.005	17	244	0.004	17	244	0.009
14:00 - 15:00	17	244	0.004	17	244	0.003	17	244	0.007
15:00 - 16:00	17	244	0.017	17	244	0.006	17	244	0.023
16:00 - 17:00	17	244	0.020	17	244	0.007	17	244	0.027
17:00 - 18:00	17	244	0.015	17	244	0.003	17	244	0.018
18:00 - 19:00	17	244	0.014	17	244	0.005	17	244	0.019
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.085			0.092			0.177

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
MULTI-MODAL TOTAL PEOPLE
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	17	244	0.114	17	244	0.466	17	244	0.580
08:00 - 09:00	17	244	0.176	17	244	0.732	17	244	0.908
09:00 - 10:00	17	244	0.209	17	244	0.269	17	244	0.478
10:00 - 11:00	17	244	0.197	17	244	0.247	17	244	0.444
11:00 - 12:00	17	244	0.196	17	244	0.237	17	244	0.433
12:00 - 13:00	17	244	0.230	17	244	0.229	17	244	0.459
13:00 - 14:00	17	244	0.246	17	244	0.231	17	244	0.477
14:00 - 15:00	17	244	0.245	17	244	0.282	17	244	0.527
15:00 - 16:00	17	244	0.523	17	244	0.273	17	244	0.796
16:00 - 17:00	17	244	0.503	17	244	0.284	17	244	0.787
17:00 - 18:00	17	244	0.564	17	244	0.248	17	244	0.812
18:00 - 19:00	17	244	0.484	17	244	0.297	17	244	0.781
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			3.687			3.795			7.482

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
MULTI-MODAL Servicing Vehicles
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	17	244	0.010	17	244	0.005	17	244	0.015
08:00 - 09:00	17	244	0.010	17	244	0.007	17	244	0.017
09:00 - 10:00	17	244	0.013	17	244	0.009	17	244	0.022
10:00 - 11:00	17	244	0.011	17	244	0.012	17	244	0.023
11:00 - 12:00	17	244	0.011	17	244	0.012	17	244	0.023
12:00 - 13:00	17	244	0.010	17	244	0.010	17	244	0.020
13:00 - 14:00	17	244	0.015	17	244	0.016	17	244	0.031
14:00 - 15:00	17	244	0.009	17	244	0.014	17	244	0.023
15:00 - 16:00	17	244	0.009	17	244	0.009	17	244	0.018
16:00 - 17:00	17	244	0.007	17	244	0.008	17	244	0.015
17:00 - 18:00	17	244	0.005	17	244	0.007	17	244	0.012
18:00 - 19:00	17	244	0.004	17	244	0.005	17	244	0.009
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.114			0.114			0.228

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

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

Calculation Reference: AUDIT-706706-190715-0743

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
Category : B - BUSINESS PARK
MULTI-MODAL VEHICLES

Selected regions and areas:

02	SOUTH EAST		
	EX	ESSEX	2 days
	HC	HAMPSHIRE	1 days
03	SOUTH WEST		
	DV	DEVON	1 days
04	EAST ANGLIA		
	CA	CAMBRIDGESHIRE	1 days
05	EAST MIDLANDS		
	LN	LINCOLNSHIRE	1 days
06	WEST MIDLANDS		
	ST	STAFFORDSHIRE	1 days
	WO	WORCESTERSHIRE	1 days
10	WALES		
	CF	CARDIFF	3 days

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

Secondary Filtering selection:

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

Parameter: Gross floor area
Actual Range: 1500 to 142687 (units: sqm)
Range Selected by User: 975 to 142687 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/11 to 26/06/18

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

Selected survey days:

Monday	1 days
Tuesday	2 days
Wednesday	2 days
Thursday	1 days
Friday	5 days

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

Selected survey types:

Manual count	11 days
Directional ATC Count	0 days

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

Selected Locations:

Suburban Area (PPS6 Out of Centre)	1
Edge of Town	9
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	4
Commercial Zone	2
Development Zone	1
Village	1
No Sub Category	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.

Secondary Filtering selection:

Use Class:

B1	11 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	5 days
15,001 to 20,000	3 days
20,001 to 25,000	1 days

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

Population within 5 miles:

50,001 to 75,000	2 days
125,001 to 250,000	5 days
250,001 to 500,000	4 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	6 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	10 days

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

PTAL Rating:

No PTAL Present	11 days

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

LIST OF SITES relevant to selection parameters

1 CA-02-B-03 SCIENCE PARK CAMBRIDGESHIRE
MILTON ROAD
CAMBRIDGE

Edge of Town
No Sub Category
Total Gross floor area: 142687 sqm
Survey date: FRIDAY *06/10/17* *Survey Type: MANUAL*

2 CF-02-B-04 BUSINESS PARK CARDIFF
RHYMNEY RIVER BRIDGE RD
CARDIFF

Edge of Town
Development Zone
Total Gross floor area: 5300 sqm
Survey date: FRIDAY *05/05/17* *Survey Type: MANUAL*

3 CF-02-B-06 BUSINESS PARK CARDIFF
MALTHOUSE AVENUE
CARDIFF
PONTPRENNAU
Edge of Town
No Sub Category
Total Gross floor area: 1642 sqm
Survey date: MONDAY *12/03/18* *Survey Type: MANUAL*

4 CF-02-B-07 BUSINESS PARK CARDIFF
MALTHOUSE AVENUE
CARDIFF
PONTPRENNAU
Edge of Town
Commercial Zone
Total Gross floor area: 15930 sqm
Survey date: TUESDAY *13/03/18* *Survey Type: MANUAL*

5 DV-02-B-01 BUSINESS PARK DEVON
MANATON CLOSE
EXETER
MATFORD BUSINESS PARK
Edge of Town
Commercial Zone
Total Gross floor area: 1500 sqm
Survey date: WEDNESDAY *05/07/17* *Survey Type: MANUAL*

6 EX-02-B-01 BUSINESS PARK ESSEX
BRUNEL COURT
COLCHESTER
SEVERALLS INDUSTRIAL PK
Edge of Town
Industrial Zone
Total Gross floor area: 2900 sqm
Survey date: FRIDAY *18/05/18* *Survey Type: MANUAL*

7 EX-02-B-02 BUSINESS PARK ESSEX
WYNCOLLS ROAD
COLCHESTER
SEVERALLS INDUSTRIAL PK
Edge of Town
Industrial Zone
Total Gross floor area: 4083 sqm
Survey date: FRIDAY *18/05/18* *Survey Type: MANUAL*

8 HC-02-B-02 BUSINESS PARK HAMPSHIRE
WESTERN ROAD
PORTSMOUTH

Suburban Area (PPS6 Out of Centre)
No Sub Category
Total Gross floor area: 55000 sqm
Survey date: FRIDAY *18/10/13* *Survey Type: MANUAL*

LIST OF SITES relevant to selection parameters (Cont.)

9	LN-02-B-02 CARDINAL CLOSE LINCOLN	BUSINESS PARK		LINCOLNSHIRE
	Edge of Town Industrial Zone Total Gross floor area:		5000 sqm	
	Survey date: THURSDAY		*25/06/15*	*Survey Type: MANUAL*
10	ST-02-B-04 STONE ROAD STAFFORD	BUSINESS PARK		STAFFORDSHIRE
	Edge of Town Industrial Zone Total Gross floor area:		20760 sqm	
	Survey date: WEDNESDAY		*22/11/17*	*Survey Type: MANUAL*
11	WO-02-B-02 BIRMINGHAM ROAD NEAR BROMSGROVE LICKEY END	BUSINESS PARK		WORCESTERSHIRE
	Neighbourhood Centre (PPS6 Local Centre) Village Total Gross floor area:		4187 sqm	
	Survey date: TUESDAY		*26/06/18*	*Survey Type: MANUAL*

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

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

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	11	23544	0.176	11	23544	0.032	11	23544	0.208
07:30 - 08:00	11	23544	0.394	11	23544	0.052	11	23544	0.446
08:00 - 08:30	11	23544	0.590	11	23544	0.064	11	23544	0.654
08:30 - 09:00	11	23544	0.561	11	23544	0.067	11	23544	0.628
09:00 - 09:30	11	23544	0.289	11	23544	0.070	11	23544	0.359
09:30 - 10:00	11	23544	0.112	11	23544	0.058	11	23544	0.170
10:00 - 10:30	11	23544	0.079	11	23544	0.047	11	23544	0.126
10:30 - 11:00	11	23544	0.063	11	23544	0.045	11	23544	0.108
11:00 - 11:30	11	23544	0.070	11	23544	0.065	11	23544	0.135
11:30 - 12:00	11	23544	0.073	11	23544	0.066	11	23544	0.139
12:00 - 12:30	11	23544	0.070	11	23544	0.117	11	23544	0.187
12:30 - 13:00	11	23544	0.087	11	23544	0.106	11	23544	0.193
13:00 - 13:30	11	23544	0.096	11	23544	0.075	11	23544	0.171
13:30 - 14:00	11	23544	0.089	11	23544	0.082	11	23544	0.171
14:00 - 14:30	11	23544	0.071	11	23544	0.074	11	23544	0.145
14:30 - 15:00	11	23544	0.059	11	23544	0.089	11	23544	0.148
15:00 - 15:30	11	23544	0.049	11	23544	0.114	11	23544	0.163
15:30 - 16:00	11	23544	0.049	11	23544	0.112	11	23544	0.161
16:00 - 16:30	11	23544	0.051	11	23544	0.176	11	23544	0.227
16:30 - 17:00	11	23544	0.053	11	23544	0.255	11	23544	0.308
17:00 - 17:30	11	23544	0.048	11	23544	0.435	11	23544	0.483
17:30 - 18:00	11	23544	0.034	11	23544	0.393	11	23544	0.427
18:00 - 18:30	11	23544	0.024	11	23544	0.319	11	23544	0.343
18:30 - 19:00	11	23544	0.020	11	23544	0.233	11	23544	0.253
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:			3.207			3.146			6.353

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	1500 - 142687 (units: sqm)
Survey date date range:	01/01/11 - 26/06/18
Number of weekdays (Monday-Friday):	11
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

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

TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK
MULTI-MODAL TAXIS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	11	23544	0.001	11	23544	0.001	11	23544	0.002
07:30 - 08:00	11	23544	0.002	11	23544	0.002	11	23544	0.004
08:00 - 08:30	11	23544	0.003	11	23544	0.002	11	23544	0.005
08:30 - 09:00	11	23544	0.007	11	23544	0.006	11	23544	0.013
09:00 - 09:30	11	23544	0.003	11	23544	0.003	11	23544	0.006
09:30 - 10:00	11	23544	0.002	11	23544	0.002	11	23544	0.004
10:00 - 10:30	11	23544	0.001	11	23544	0.002	11	23544	0.003
10:30 - 11:00	11	23544	0.003	11	23544	0.002	11	23544	0.005
11:00 - 11:30	11	23544	0.001	11	23544	0.002	11	23544	0.003
11:30 - 12:00	11	23544	0.002	11	23544	0.002	11	23544	0.004
12:00 - 12:30	11	23544	0.001	11	23544	0.001	11	23544	0.002
12:30 - 13:00	11	23544	0.002	11	23544	0.002	11	23544	0.004
13:00 - 13:30	11	23544	0.000	11	23544	0.001	11	23544	0.001
13:30 - 14:00	11	23544	0.000	11	23544	0.000	11	23544	0.000
14:00 - 14:30	11	23544	0.002	11	23544	0.002	11	23544	0.004
14:30 - 15:00	11	23544	0.001	11	23544	0.001	11	23544	0.002
15:00 - 15:30	11	23544	0.001	11	23544	0.001	11	23544	0.002
15:30 - 16:00	11	23544	0.001	11	23544	0.001	11	23544	0.002
16:00 - 16:30	11	23544	0.001	11	23544	0.001	11	23544	0.002
16:30 - 17:00	11	23544	0.001	11	23544	0.000	11	23544	0.001
17:00 - 17:30	11	23544	0.003	11	23544	0.003	11	23544	0.006
17:30 - 18:00	11	23544	0.002	11	23544	0.002	11	23544	0.004
18:00 - 18:30	11	23544	0.000	11	23544	0.000	11	23544	0.000
18:30 - 19:00	11	23544	0.001	11	23544	0.001	11	23544	0.002
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:			0.041			0.040			0.081

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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/B - BUSINESS PARK
MULTI-MODAL OGVS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	11	23544	0.003	11	23544	0.003	11	23544	0.006
07:30 - 08:00	11	23544	0.002	11	23544	0.002	11	23544	0.004
08:00 - 08:30	11	23544	0.000	11	23544	0.000	11	23544	0.000
08:30 - 09:00	11	23544	0.003	11	23544	0.003	11	23544	0.006
09:00 - 09:30	11	23544	0.003	11	23544	0.003	11	23544	0.006
09:30 - 10:00	11	23544	0.003	11	23544	0.002	11	23544	0.005
10:00 - 10:30	11	23544	0.002	11	23544	0.002	11	23544	0.004
10:30 - 11:00	11	23544	0.002	11	23544	0.002	11	23544	0.004
11:00 - 11:30	11	23544	0.002	11	23544	0.001	11	23544	0.003
11:30 - 12:00	11	23544	0.003	11	23544	0.002	11	23544	0.005
12:00 - 12:30	11	23544	0.002	11	23544	0.002	11	23544	0.004
12:30 - 13:00	11	23544	0.002	11	23544	0.002	11	23544	0.004
13:00 - 13:30	11	23544	0.001	11	23544	0.000	11	23544	0.001
13:30 - 14:00	11	23544	0.002	11	23544	0.002	11	23544	0.004
14:00 - 14:30	11	23544	0.000	11	23544	0.002	11	23544	0.002
14:30 - 15:00	11	23544	0.001	11	23544	0.001	11	23544	0.002
15:00 - 15:30	11	23544	0.004	11	23544	0.003	11	23544	0.007
15:30 - 16:00	11	23544	0.001	11	23544	0.002	11	23544	0.003
16:00 - 16:30	11	23544	0.002	11	23544	0.001	11	23544	0.003
16:30 - 17:00	11	23544	0.000	11	23544	0.001	11	23544	0.001
17:00 - 17:30	11	23544	0.000	11	23544	0.002	11	23544	0.002
17:30 - 18:00	11	23544	0.001	11	23544	0.002	11	23544	0.003
18:00 - 18:30	11	23544	0.000	11	23544	0.002	11	23544	0.002
18:30 - 19:00	11	23544	0.000	11	23544	0.001	11	23544	0.001
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:			0.039			0.043			0.082

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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/B - BUSINESS PARK
MULTI-MODAL PSVS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	11	23544	0.001	11	23544	0.000	11	23544	0.001
07:30 - 08:00	11	23544	0.002	11	23544	0.002	11	23544	0.004
08:00 - 08:30	11	23544	0.001	11	23544	0.002	11	23544	0.003
08:30 - 09:00	11	23544	0.002	11	23544	0.002	11	23544	0.004
09:00 - 09:30	11	23544	0.002	11	23544	0.001	11	23544	0.003
09:30 - 10:00	11	23544	0.000	11	23544	0.001	11	23544	0.001
10:00 - 10:30	11	23544	0.000	11	23544	0.000	11	23544	0.000
10:30 - 11:00	11	23544	0.000	11	23544	0.000	11	23544	0.000
11:00 - 11:30	11	23544	0.000	11	23544	0.000	11	23544	0.000
11:30 - 12:00	11	23544	0.000	11	23544	0.000	11	23544	0.000
12:00 - 12:30	11	23544	0.000	11	23544	0.000	11	23544	0.000
12:30 - 13:00	11	23544	0.000	11	23544	0.000	11	23544	0.000
13:00 - 13:30	11	23544	0.000	11	23544	0.000	11	23544	0.000
13:30 - 14:00	11	23544	0.000	11	23544	0.000	11	23544	0.000
14:00 - 14:30	11	23544	0.000	11	23544	0.000	11	23544	0.000
14:30 - 15:00	11	23544	0.000	11	23544	0.000	11	23544	0.000
15:00 - 15:30	11	23544	0.000	11	23544	0.000	11	23544	0.000
15:30 - 16:00	11	23544	0.001	11	23544	0.001	11	23544	0.002
16:00 - 16:30	11	23544	0.002	11	23544	0.002	11	23544	0.004
16:30 - 17:00	11	23544	0.001	11	23544	0.001	11	23544	0.002
17:00 - 17:30	11	23544	0.002	11	23544	0.002	11	23544	0.004
17:30 - 18:00	11	23544	0.002	11	23544	0.001	11	23544	0.003
18:00 - 18:30	11	23544	0.001	11	23544	0.002	11	23544	0.003
18:30 - 19:00	11	23544	0.000	11	23544	0.001	11	23544	0.001
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:			0.017			0.018			0.035

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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/B - BUSINESS PARK
MULTI-MODAL CYCLISTS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	11	23544	0.016	11	23544	0.002	11	23544	0.018
07:30 - 08:00	11	23544	0.032	11	23544	0.005	11	23544	0.037
08:00 - 08:30	11	23544	0.064	11	23544	0.008	11	23544	0.072
08:30 - 09:00	11	23544	0.064	11	23544	0.007	11	23544	0.071
09:00 - 09:30	11	23544	0.041	11	23544	0.006	11	23544	0.047
09:30 - 10:00	11	23544	0.033	11	23544	0.008	11	23544	0.041
10:00 - 10:30	11	23544	0.017	11	23544	0.008	11	23544	0.025
10:30 - 11:00	11	23544	0.017	11	23544	0.007	11	23544	0.024
11:00 - 11:30	11	23544	0.010	11	23544	0.005	11	23544	0.015
11:30 - 12:00	11	23544	0.011	11	23544	0.008	11	23544	0.019
12:00 - 12:30	11	23544	0.013	11	23544	0.012	11	23544	0.025
12:30 - 13:00	11	23544	0.011	11	23544	0.013	11	23544	0.024
13:00 - 13:30	11	23544	0.015	11	23544	0.013	11	23544	0.028
13:30 - 14:00	11	23544	0.010	11	23544	0.010	11	23544	0.020
14:00 - 14:30	11	23544	0.008	11	23544	0.010	11	23544	0.018
14:30 - 15:00	11	23544	0.007	11	23544	0.013	11	23544	0.020
15:00 - 15:30	11	23544	0.012	11	23544	0.020	11	23544	0.032
15:30 - 16:00	11	23544	0.008	11	23544	0.017	11	23544	0.025
16:00 - 16:30	11	23544	0.009	11	23544	0.027	11	23544	0.036
16:30 - 17:00	11	23544	0.012	11	23544	0.036	11	23544	0.048
17:00 - 17:30	11	23544	0.011	11	23544	0.051	11	23544	0.062
17:30 - 18:00	11	23544	0.009	11	23544	0.051	11	23544	0.060
18:00 - 18:30	11	23544	0.010	11	23544	0.035	11	23544	0.045
18:30 - 19:00	11	23544	0.005	11	23544	0.024	11	23544	0.029
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:			0.445			0.396			0.841

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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/B - BUSINESS PARK
MULTI-MODAL VEHICLE OCCUPANTS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	11	23544	0.207	11	23544	0.036	11	23544	0.243
07:30 - 08:00	11	23544	0.462	11	23544	0.056	11	23544	0.518
08:00 - 08:30	11	23544	0.659	11	23544	0.070	11	23544	0.729
08:30 - 09:00	11	23544	0.650	11	23544	0.079	11	23544	0.729
09:00 - 09:30	11	23544	0.356	11	23544	0.086	11	23544	0.442
09:30 - 10:00	11	23544	0.145	11	23544	0.070	11	23544	0.215
10:00 - 10:30	11	23544	0.107	11	23544	0.063	11	23544	0.170
10:30 - 11:00	11	23544	0.085	11	23544	0.056	11	23544	0.141
11:00 - 11:30	11	23544	0.101	11	23544	0.086	11	23544	0.187
11:30 - 12:00	11	23544	0.096	11	23544	0.088	11	23544	0.184
12:00 - 12:30	11	23544	0.095	11	23544	0.157	11	23544	0.252
12:30 - 13:00	11	23544	0.111	11	23544	0.138	11	23544	0.249
13:00 - 13:30	11	23544	0.133	11	23544	0.096	11	23544	0.229
13:30 - 14:00	11	23544	0.113	11	23544	0.108	11	23544	0.221
14:00 - 14:30	11	23544	0.090	11	23544	0.097	11	23544	0.187
14:30 - 15:00	11	23544	0.083	11	23544	0.116	11	23544	0.199
15:00 - 15:30	11	23544	0.068	11	23544	0.146	11	23544	0.214
15:30 - 16:00	11	23544	0.064	11	23544	0.146	11	23544	0.210
16:00 - 16:30	11	23544	0.065	11	23544	0.237	11	23544	0.302
16:30 - 17:00	11	23544	0.069	11	23544	0.333	11	23544	0.402
17:00 - 17:30	11	23544	0.061	11	23544	0.523	11	23544	0.584
17:30 - 18:00	11	23544	0.043	11	23544	0.458	11	23544	0.501
18:00 - 18:30	11	23544	0.033	11	23544	0.374	11	23544	0.407
18:30 - 19:00	11	23544	0.027	11	23544	0.276	11	23544	0.303
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:			3.923			3.895			7.818

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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/B - BUSINESS PARK
MULTI-MODAL PEDESTRIANS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	11	23544	0.011	11	23544	0.003	11	23544	0.014
07:30 - 08:00	11	23544	0.025	11	23544	0.004	11	23544	0.029
08:00 - 08:30	11	23544	0.061	11	23544	0.015	11	23544	0.076
08:30 - 09:00	11	23544	0.044	11	23544	0.011	11	23544	0.055
09:00 - 09:30	11	23544	0.028	11	23544	0.010	11	23544	0.038
09:30 - 10:00	11	23544	0.022	11	23544	0.011	11	23544	0.033
10:00 - 10:30	11	23544	0.016	11	23544	0.014	11	23544	0.030
10:30 - 11:00	11	23544	0.014	11	23544	0.014	11	23544	0.028
11:00 - 11:30	11	23544	0.014	11	23544	0.008	11	23544	0.022
11:30 - 12:00	11	23544	0.012	11	23544	0.014	11	23544	0.026
12:00 - 12:30	11	23544	0.025	11	23544	0.039	11	23544	0.064
12:30 - 13:00	11	23544	0.038	11	23544	0.039	11	23544	0.077
13:00 - 13:30	11	23544	0.041	11	23544	0.043	11	23544	0.084
13:30 - 14:00	11	23544	0.036	11	23544	0.019	11	23544	0.055
14:00 - 14:30	11	23544	0.020	11	23544	0.013	11	23544	0.033
14:30 - 15:00	11	23544	0.007	11	23544	0.010	11	23544	0.017
15:00 - 15:30	11	23544	0.012	11	23544	0.010	11	23544	0.022
15:30 - 16:00	11	23544	0.012	11	23544	0.015	11	23544	0.027
16:00 - 16:30	11	23544	0.015	11	23544	0.028	11	23544	0.043
16:30 - 17:00	11	23544	0.014	11	23544	0.029	11	23544	0.043
17:00 - 17:30	11	23544	0.017	11	23544	0.058	11	23544	0.075
17:30 - 18:00	11	23544	0.010	11	23544	0.050	11	23544	0.060
18:00 - 18:30	11	23544	0.008	11	23544	0.025	11	23544	0.033
18:30 - 19:00	11	23544	0.002	11	23544	0.016	11	23544	0.018
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:			0.504			0.498			1.002

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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/B - BUSINESS PARK
MULTI-MODAL BUS/TRAM PASSENGERS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	11	23544	0.011	11	23544	0.001	11	23544	0.012
07:30 - 08:00	11	23544	0.017	11	23544	0.001	11	23544	0.018
08:00 - 08:30	11	23544	0.045	11	23544	0.028	11	23544	0.073
08:30 - 09:00	11	23544	0.051	11	23544	0.007	11	23544	0.058
09:00 - 09:30	11	23544	0.026	11	23544	0.003	11	23544	0.029
09:30 - 10:00	11	23544	0.015	11	23544	0.002	11	23544	0.017
10:00 - 10:30	11	23544	0.006	11	23544	0.002	11	23544	0.008
10:30 - 11:00	11	23544	0.007	11	23544	0.002	11	23544	0.009
11:00 - 11:30	11	23544	0.006	11	23544	0.003	11	23544	0.009
11:30 - 12:00	11	23544	0.003	11	23544	0.010	11	23544	0.013
12:00 - 12:30	11	23544	0.005	11	23544	0.005	11	23544	0.010
12:30 - 13:00	11	23544	0.012	11	23544	0.005	11	23544	0.017
13:00 - 13:30	11	23544	0.008	11	23544	0.007	11	23544	0.015
13:30 - 14:00	11	23544	0.020	11	23544	0.005	11	23544	0.025
14:00 - 14:30	11	23544	0.003	11	23544	0.005	11	23544	0.008
14:30 - 15:00	11	23544	0.007	11	23544	0.007	11	23544	0.014
15:00 - 15:30	11	23544	0.001	11	23544	0.010	11	23544	0.011
15:30 - 16:00	11	23544	0.003	11	23544	0.007	11	23544	0.010
16:00 - 16:30	11	23544	0.003	11	23544	0.019	11	23544	0.022
16:30 - 17:00	11	23544	0.003	11	23544	0.021	11	23544	0.024
17:00 - 17:30	11	23544	0.004	11	23544	0.036	11	23544	0.040
17:30 - 18:00	11	23544	0.002	11	23544	0.041	11	23544	0.043
18:00 - 18:30	11	23544	0.002	11	23544	0.019	11	23544	0.021
18:30 - 19:00	11	23544	0.002	11	23544	0.012	11	23544	0.014
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:			0.262			0.258			0.520

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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/B - BUSINESS PARK
MULTI-MODAL TOTAL RAIL PASSENGERS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	11	23544	0.002	11	23544	0.000	11	23544	0.002
07:30 - 08:00	11	23544	0.008	11	23544	0.000	11	23544	0.008
08:00 - 08:30	11	23544	0.020	11	23544	0.000	11	23544	0.020
08:30 - 09:00	11	23544	0.017	11	23544	0.000	11	23544	0.017
09:00 - 09:30	11	23544	0.013	11	23544	0.000	11	23544	0.013
09:30 - 10:00	11	23544	0.007	11	23544	0.000	11	23544	0.007
10:00 - 10:30	11	23544	0.002	11	23544	0.000	11	23544	0.002
10:30 - 11:00	11	23544	0.002	11	23544	0.000	11	23544	0.002
11:00 - 11:30	11	23544	0.001	11	23544	0.000	11	23544	0.001
11:30 - 12:00	11	23544	0.000	11	23544	0.000	11	23544	0.000
12:00 - 12:30	11	23544	0.003	11	23544	0.001	11	23544	0.004
12:30 - 13:00	11	23544	0.002	11	23544	0.002	11	23544	0.004
13:00 - 13:30	11	23544	0.001	11	23544	0.003	11	23544	0.004
13:30 - 14:00	11	23544	0.000	11	23544	0.000	11	23544	0.000
14:00 - 14:30	11	23544	0.001	11	23544	0.002	11	23544	0.003
14:30 - 15:00	11	23544	0.001	11	23544	0.001	11	23544	0.002
15:00 - 15:30	11	23544	0.000	11	23544	0.003	11	23544	0.003
15:30 - 16:00	11	23544	0.000	11	23544	0.003	11	23544	0.003
16:00 - 16:30	11	23544	0.001	11	23544	0.007	11	23544	0.008
16:30 - 17:00	11	23544	0.000	11	23544	0.010	11	23544	0.010
17:00 - 17:30	11	23544	0.000	11	23544	0.017	11	23544	0.017
17:30 - 18:00	11	23544	0.000	11	23544	0.012	11	23544	0.012
18:00 - 18:30	11	23544	0.000	11	23544	0.004	11	23544	0.004
18:30 - 19:00	11	23544	0.000	11	23544	0.002	11	23544	0.002
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:			0.081			0.067			0.148

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

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

TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK
MULTI-MODAL PUBLIC TRANSPORT USERS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	11	23544	0.014	11	23544	0.001	11	23544	0.015
07:30 - 08:00	11	23544	0.025	11	23544	0.001	11	23544	0.026
08:00 - 08:30	11	23544	0.064	11	23544	0.028	11	23544	0.092
08:30 - 09:00	11	23544	0.068	11	23544	0.007	11	23544	0.075
09:00 - 09:30	11	23544	0.039	11	23544	0.004	11	23544	0.043
09:30 - 10:00	11	23544	0.022	11	23544	0.002	11	23544	0.024
10:00 - 10:30	11	23544	0.008	11	23544	0.003	11	23544	0.011
10:30 - 11:00	11	23544	0.009	11	23544	0.002	11	23544	0.011
11:00 - 11:30	11	23544	0.007	11	23544	0.003	11	23544	0.010
11:30 - 12:00	11	23544	0.003	11	23544	0.010	11	23544	0.013
12:00 - 12:30	11	23544	0.008	11	23544	0.006	11	23544	0.014
12:30 - 13:00	11	23544	0.013	11	23544	0.007	11	23544	0.020
13:00 - 13:30	11	23544	0.008	11	23544	0.010	11	23544	0.018
13:30 - 14:00	11	23544	0.020	11	23544	0.006	11	23544	0.026
14:00 - 14:30	11	23544	0.004	11	23544	0.007	11	23544	0.011
14:30 - 15:00	11	23544	0.008	11	23544	0.008	11	23544	0.016
15:00 - 15:30	11	23544	0.001	11	23544	0.014	11	23544	0.015
15:30 - 16:00	11	23544	0.004	11	23544	0.009	11	23544	0.013
16:00 - 16:30	11	23544	0.004	11	23544	0.025	11	23544	0.029
16:30 - 17:00	11	23544	0.003	11	23544	0.032	11	23544	0.035
17:00 - 17:30	11	23544	0.004	11	23544	0.053	11	23544	0.057
17:30 - 18:00	11	23544	0.002	11	23544	0.053	11	23544	0.055
18:00 - 18:30	11	23544	0.002	11	23544	0.023	11	23544	0.025
18:30 - 19:00	11	23544	0.002	11	23544	0.014	11	23544	0.016
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:			0.342			0.328			0.670

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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/B - BUSINESS PARK
MULTI-MODAL TOTAL PEOPLE
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	11	23544	0.248	11	23544	0.041	11	23544	0.289
07:30 - 08:00	11	23544	0.544	11	23544	0.067	11	23544	0.611
08:00 - 08:30	11	23544	0.848	11	23544	0.121	11	23544	0.969
08:30 - 09:00	11	23544	0.826	11	23544	0.104	11	23544	0.930
09:00 - 09:30	11	23544	0.463	11	23544	0.106	11	23544	0.569
09:30 - 10:00	11	23544	0.222	11	23544	0.091	11	23544	0.313
10:00 - 10:30	11	23544	0.149	11	23544	0.088	11	23544	0.237
10:30 - 11:00	11	23544	0.125	11	23544	0.079	11	23544	0.204
11:00 - 11:30	11	23544	0.131	11	23544	0.102	11	23544	0.233
11:30 - 12:00	11	23544	0.122	11	23544	0.120	11	23544	0.242
12:00 - 12:30	11	23544	0.142	11	23544	0.215	11	23544	0.357
12:30 - 13:00	11	23544	0.173	11	23544	0.197	11	23544	0.370
13:00 - 13:30	11	23544	0.198	11	23544	0.162	11	23544	0.360
13:30 - 14:00	11	23544	0.179	11	23544	0.143	11	23544	0.322
14:00 - 14:30	11	23544	0.122	11	23544	0.127	11	23544	0.249
14:30 - 15:00	11	23544	0.106	11	23544	0.146	11	23544	0.252
15:00 - 15:30	11	23544	0.093	11	23544	0.190	11	23544	0.283
15:30 - 16:00	11	23544	0.088	11	23544	0.188	11	23544	0.276
16:00 - 16:30	11	23544	0.093	11	23544	0.317	11	23544	0.410
16:30 - 17:00	11	23544	0.098	11	23544	0.429	11	23544	0.527
17:00 - 17:30	11	23544	0.094	11	23544	0.684	11	23544	0.778
17:30 - 18:00	11	23544	0.064	11	23544	0.612	11	23544	0.676
18:00 - 18:30	11	23544	0.053	11	23544	0.458	11	23544	0.511
18:30 - 19:00	11	23544	0.036	11	23544	0.331	11	23544	0.367
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:			5.217			5.118			10.335

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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/B - BUSINESS PARK
MULTI-MODAL CARS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	11	23544	0.133	11	23544	0.016	11	23544	0.149
07:30 - 08:00	11	23544	0.293	11	23544	0.033	11	23544	0.326
08:00 - 08:30	11	23544	0.417	11	23544	0.042	11	23544	0.459
08:30 - 09:00	11	23544	0.329	11	23544	0.031	11	23544	0.360
09:00 - 09:30	11	23544	0.174	11	23544	0.031	11	23544	0.205
09:30 - 10:00	11	23544	0.053	11	23544	0.028	11	23544	0.081
10:00 - 10:30	11	23544	0.040	11	23544	0.021	11	23544	0.061
10:30 - 11:00	11	23544	0.031	11	23544	0.021	11	23544	0.052
11:00 - 11:30	11	23544	0.031	11	23544	0.031	11	23544	0.062
11:30 - 12:00	11	23544	0.037	11	23544	0.027	11	23544	0.064
12:00 - 12:30	11	23544	0.037	11	23544	0.058	11	23544	0.095
12:30 - 13:00	11	23544	0.046	11	23544	0.056	11	23544	0.102
13:00 - 13:30	11	23544	0.058	11	23544	0.033	11	23544	0.091
13:30 - 14:00	11	23544	0.042	11	23544	0.034	11	23544	0.076
14:00 - 14:30	11	23544	0.031	11	23544	0.041	11	23544	0.072
14:30 - 15:00	11	23544	0.026	11	23544	0.049	11	23544	0.075
15:00 - 15:30	11	23544	0.026	11	23544	0.059	11	23544	0.085
15:30 - 16:00	11	23544	0.024	11	23544	0.068	11	23544	0.092
16:00 - 16:30	11	23544	0.025	11	23544	0.123	11	23544	0.148
16:30 - 17:00	11	23544	0.028	11	23544	0.165	11	23544	0.193
17:00 - 17:30	11	23544	0.030	11	23544	0.270	11	23544	0.300
17:30 - 18:00	11	23544	0.015	11	23544	0.266	11	23544	0.281
18:00 - 18:30	11	23544	0.018	11	23544	0.232	11	23544	0.250
18:30 - 19:00	11	23544	0.015	11	23544	0.202	11	23544	0.217
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:			1.959			1.937			3.896

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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/B - BUSINESS PARK
MULTI-MODAL LGVS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	11	23544	0.008	11	23544	0.004	11	23544	0.012
07:30 - 08:00	11	23544	0.010	11	23544	0.003	11	23544	0.013
08:00 - 08:30	11	23544	0.014	11	23544	0.007	11	23544	0.021
08:30 - 09:00	11	23544	0.018	11	23544	0.011	11	23544	0.029
09:00 - 09:30	11	23544	0.014	11	23544	0.012	11	23544	0.026
09:30 - 10:00	11	23544	0.014	11	23544	0.014	11	23544	0.028
10:00 - 10:30	11	23544	0.016	11	23544	0.015	11	23544	0.031
10:30 - 11:00	11	23544	0.015	11	23544	0.012	11	23544	0.027
11:00 - 11:30	11	23544	0.017	11	23544	0.017	11	23544	0.034
11:30 - 12:00	11	23544	0.015	11	23544	0.014	11	23544	0.029
12:00 - 12:30	11	23544	0.014	11	23544	0.012	11	23544	0.026
12:30 - 13:00	11	23544	0.014	11	23544	0.010	11	23544	0.024
13:00 - 13:30	11	23544	0.012	11	23544	0.008	11	23544	0.020
13:30 - 14:00	11	23544	0.012	11	23544	0.016	11	23544	0.028
14:00 - 14:30	11	23544	0.009	11	23544	0.007	11	23544	0.016
14:30 - 15:00	11	23544	0.012	11	23544	0.014	11	23544	0.026
15:00 - 15:30	11	23544	0.008	11	23544	0.010	11	23544	0.018
15:30 - 16:00	11	23544	0.009	11	23544	0.011	11	23544	0.020
16:00 - 16:30	11	23544	0.008	11	23544	0.014	11	23544	0.022
16:30 - 17:00	11	23544	0.007	11	23544	0.009	11	23544	0.016
17:00 - 17:30	11	23544	0.003	11	23544	0.010	11	23544	0.013
17:30 - 18:00	11	23544	0.003	11	23544	0.008	11	23544	0.011
18:00 - 18:30	11	23544	0.002	11	23544	0.007	11	23544	0.009
18:30 - 19:00	11	23544	0.000	11	23544	0.006	11	23544	0.006
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:			0.254			0.251			0.505

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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/B - BUSINESS PARK
MULTI-MODAL MOTOR CYCLES
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	11	23544	0.002	11	23544	0.000	11	23544	0.002
07:30 - 08:00	11	23544	0.003	11	23544	0.001	11	23544	0.004
08:00 - 08:30	11	23544	0.005	11	23544	0.001	11	23544	0.006
08:30 - 09:00	11	23544	0.002	11	23544	0.001	11	23544	0.003
09:00 - 09:30	11	23544	0.003	11	23544	0.001	11	23544	0.004
09:30 - 10:00	11	23544	0.000	11	23544	0.000	11	23544	0.000
10:00 - 10:30	11	23544	0.002	11	23544	0.000	11	23544	0.002
10:30 - 11:00	11	23544	0.001	11	23544	0.000	11	23544	0.001
11:00 - 11:30	11	23544	0.000	11	23544	0.001	11	23544	0.001
11:30 - 12:00	11	23544	0.001	11	23544	0.001	11	23544	0.002
12:00 - 12:30	11	23544	0.001	11	23544	0.000	11	23544	0.001
12:30 - 13:00	11	23544	0.001	11	23544	0.000	11	23544	0.001
13:00 - 13:30	11	23544	0.001	11	23544	0.001	11	23544	0.002
13:30 - 14:00	11	23544	0.000	11	23544	0.002	11	23544	0.002
14:00 - 14:30	11	23544	0.000	11	23544	0.000	11	23544	0.000
14:30 - 15:00	11	23544	0.001	11	23544	0.001	11	23544	0.002
15:00 - 15:30	11	23544	0.002	11	23544	0.002	11	23544	0.004
15:30 - 16:00	11	23544	0.001	11	23544	0.001	11	23544	0.002
16:00 - 16:30	11	23544	0.001	11	23544	0.001	11	23544	0.002
16:30 - 17:00	11	23544	0.000	11	23544	0.002	11	23544	0.002
17:00 - 17:30	11	23544	0.001	11	23544	0.004	11	23544	0.005
17:30 - 18:00	11	23544	0.000	11	23544	0.003	11	23544	0.003
18:00 - 18:30	11	23544	0.000	11	23544	0.001	11	23544	0.001
18:30 - 19:00	11	23544	0.000	11	23544	0.000	11	23544	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:			0.028			0.024			0.052

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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/B - BUSINESS PARK
MULTI-MODAL Servicing Vehicles
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	11	23544	0.001	11	23544	0.001	11	23544	0.002
07:30 - 08:00	11	23544	0.001	11	23544	0.000	11	23544	0.001
08:00 - 08:30	11	23544	0.002	11	23544	0.001	11	23544	0.003
08:30 - 09:00	11	23544	0.002	11	23544	0.003	11	23544	0.005
09:00 - 09:30	11	23544	0.002	11	23544	0.001	11	23544	0.003
09:30 - 10:00	11	23544	0.001	11	23544	0.001	11	23544	0.002
10:00 - 10:30	11	23544	0.000	11	23544	0.001	11	23544	0.001
10:30 - 11:00	11	23544	0.002	11	23544	0.002	11	23544	0.004
11:00 - 11:30	11	23544	0.000	11	23544	0.000	11	23544	0.000
11:30 - 12:00	11	23544	0.001	11	23544	0.000	11	23544	0.001
12:00 - 12:30	11	23544	0.002	11	23544	0.002	11	23544	0.004
12:30 - 13:00	11	23544	0.001	11	23544	0.001	11	23544	0.002
13:00 - 13:30	11	23544	0.000	11	23544	0.000	11	23544	0.000
13:30 - 14:00	11	23544	0.001	11	23544	0.001	11	23544	0.002
14:00 - 14:30	11	23544	0.000	11	23544	0.000	11	23544	0.000
14:30 - 15:00	11	23544	0.000	11	23544	0.001	11	23544	0.001
15:00 - 15:30	11	23544	0.000	11	23544	0.001	11	23544	0.001
15:30 - 16:00	11	23544	0.000	11	23544	0.000	11	23544	0.000
16:00 - 16:30	11	23544	0.001	11	23544	0.001	11	23544	0.002
16:30 - 17:00	11	23544	0.000	11	23544	0.000	11	23544	0.000
17:00 - 17:30	11	23544	0.000	11	23544	0.000	11	23544	0.000
17:30 - 18:00	11	23544	0.000	11	23544	0.000	11	23544	0.000
18:00 - 18:30	11	23544	0.000	11	23544	0.000	11	23544	0.000
18:30 - 19:00	11	23544	0.000	11	23544	0.000	11	23544	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:			0.017			0.017			0.034

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and 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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Calculation Reference: AUDIT-706706-190715-0738

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
	KC	KENT	1 days
03	SOUTH WEST		
	BR	BRISTOL CITY	2 days
	CW	CORNWALL	1 days
	DV	DEVON	1 days
06	WEST MIDLANDS		
	WM	WEST MIDLANDS	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE		
	WY	WEST YORKSHIRE	1 days
09	NORTH		
	TW	TYNE & WEAR	1 days

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

Secondary Filtering selection:

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

Parameter: Gross floor area
Actual Range: 3600 to 36500 (units: sqm)
Range Selected by User: 1138 to 974258 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/11 to 17/10/18

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	3 days
Tuesday	2 days
Wednesday	2 days
Friday	2 days

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

Selected survey types:

Manual count	9 days
Directional ATC Count	0 days

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

Selected Locations:

Suburban Area (PPS6 Out of Centre)	3
Edge of Town	5
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	4
Development Zone	1
Residential Zone	3
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.

Secondary Filtering selection:

Use Class:

B2	9 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:

1,000 or Less	1 days
1,001 to 5,000	1 days
5,001 to 10,000	1 days
10,001 to 15,000	1 days
15,001 to 20,000	1 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
125,001 to 250,000	5 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	6 days
1.1 to 1.5	3 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	9 days

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

PTAL Rating:

No PTAL Present	9 days

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

LIST OF SITES relevant to selection parameters

1 BR-02-D-04 INDUSTRIAL ESTATE BRISTOL CITY
CROFTS END ROAD
BRISTOL
SPEEDWELL
Suburban Area (PPS6 Out of Centre)
Industrial Zone
Total Gross floor area: 18018 sqm
Survey date: FRIDAY *29/11/13* *Survey Type: MANUAL*

2 BR-02-D-05 INDUSTRIAL ESTATE BRISTOL CITY
NOVERS HILL
BRISTOL
BEDMINSTER
Suburban Area (PPS6 Out of Centre)
Industrial Zone
Total Gross floor area: 18128 sqm
Survey date: FRIDAY *29/11/13* *Survey Type: MANUAL*

3 CW-02-D-03 IND. ESTATE CORNWALL
LONG ROCK ROAD
NEAR PENZANCE
LONG ROCK
Neighbourhood Centre (PPS6 Local Centre)
Village
Total Gross floor area: 36500 sqm
Survey date: MONDAY *03/10/11* *Survey Type: MANUAL*

4 DV-02-D-07 INDUSTRIAL ESTATE DEVON
BITTERN ROAD
EXETER
SOWTON IND. ESTATE
Edge of Town
Industrial Zone
Total Gross floor area: 3600 sqm
Survey date: MONDAY *03/07/17* *Survey Type: MANUAL*

5 ES-02-D-06 INDUSTRIAL ESTATE EAST SUSSEX
COURTLANDS ROAD
EASTBOURNE

Edge of Town
Residential Zone
Total Gross floor area: 7525 sqm
Survey date: MONDAY *21/10/13* *Survey Type: MANUAL*

6 KC-02-D-02 INDUSTRIAL ESTATE KENT
SOUTHWELL ROAD
DEAL

Edge of Town
Residential Zone
Total Gross floor area: 10715 sqm
Survey date: WEDNESDAY *28/11/12* *Survey Type: MANUAL*

7 TW-02-D-08 INDUSTRIAL ESTATE TYNE & WEAR
NORTH HYLTON ROAD
SUNDERLAND
SOUTHWICK
Suburban Area (PPS6 Out of Centre)
Development Zone
Total Gross floor area: 8310 sqm
Survey date: TUESDAY *04/04/17* *Survey Type: MANUAL*

8 WM-02-D-02 INDUSTRIAL ESTATE WEST MIDLANDS
DUNLOP WAY
BIRMINGHAM

Edge of Town
Residential Zone
Total Gross floor area: 23480 sqm
Survey date: WEDNESDAY *07/11/12* *Survey Type: MANUAL*

9 WY-02-D-06 INDUSTRIAL ESTATE (PART) WEST YORKSHIRE
PIONEER WAY
CASTLEFORD

Edge of Town
Industrial Zone
Total Gross floor area: 4328 sqm
Survey date: TUESDAY *23/05/17* *Survey Type: MANUAL*

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

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

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	9	14512	0.112	9	14512	0.030	9	14512	0.142
07:30 - 08:00	9	14512	0.202	9	14512	0.061	9	14512	0.263
08:00 - 08:30	9	14512	0.191	9	14512	0.096	9	14512	0.287
08:30 - 09:00	9	14512	0.194	9	14512	0.095	9	14512	0.289
09:00 - 09:30	9	14512	0.140	9	14512	0.099	9	14512	0.239
09:30 - 10:00	9	14512	0.130	9	14512	0.093	9	14512	0.223
10:00 - 10:30	9	14512	0.114	9	14512	0.096	9	14512	0.210
10:30 - 11:00	9	14512	0.093	9	14512	0.094	9	14512	0.187
11:00 - 11:30	9	14512	0.113	9	14512	0.109	9	14512	0.222
11:30 - 12:00	9	14512	0.127	9	14512	0.129	9	14512	0.256
12:00 - 12:30	9	14512	0.139	9	14512	0.122	9	14512	0.261
12:30 - 13:00	9	14512	0.103	9	14512	0.131	9	14512	0.234
13:00 - 13:30	9	14512	0.125	9	14512	0.133	9	14512	0.258
13:30 - 14:00	9	14512	0.123	9	14512	0.102	9	14512	0.225
14:00 - 14:30	9	14512	0.117	9	14512	0.126	9	14512	0.243
14:30 - 15:00	9	14512	0.100	9	14512	0.105	9	14512	0.205
15:00 - 15:30	9	14512	0.100	9	14512	0.115	9	14512	0.215
15:30 - 16:00	9	14512	0.094	9	14512	0.132	9	14512	0.226
16:00 - 16:30	9	14512	0.089	9	14512	0.140	9	14512	0.229
16:30 - 17:00	9	14512	0.089	9	14512	0.160	9	14512	0.249
17:00 - 17:30	9	14512	0.049	9	14512	0.196	9	14512	0.245
17:30 - 18:00	9	14512	0.032	9	14512	0.154	9	14512	0.186
18:00 - 18:30	9	14512	0.022	9	14512	0.063	9	14512	0.085
18:30 - 19:00	9	14512	0.025	9	14512	0.044	9	14512	0.069
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:			2.623			2.625			5.248

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	3600 - 36500 (units: sqm)
Survey date date range:	01/01/11 - 17/10/18
Number of weekdays (Monday-Friday):	9
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

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

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

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	9	14512	0.000	9	14512	0.000	9	14512	0.000
07:30 - 08:00	9	14512	0.001	9	14512	0.000	9	14512	0.001
08:00 - 08:30	9	14512	0.001	9	14512	0.001	9	14512	0.002
08:30 - 09:00	9	14512	0.002	9	14512	0.002	9	14512	0.004
09:00 - 09:30	9	14512	0.002	9	14512	0.002	9	14512	0.004
09:30 - 10:00	9	14512	0.002	9	14512	0.001	9	14512	0.003
10:00 - 10:30	9	14512	0.001	9	14512	0.001	9	14512	0.002
10:30 - 11:00	9	14512	0.001	9	14512	0.001	9	14512	0.002
11:00 - 11:30	9	14512	0.001	9	14512	0.001	9	14512	0.002
11:30 - 12:00	9	14512	0.002	9	14512	0.001	9	14512	0.003
12:00 - 12:30	9	14512	0.001	9	14512	0.001	9	14512	0.002
12:30 - 13:00	9	14512	0.000	9	14512	0.000	9	14512	0.000
13:00 - 13:30	9	14512	0.000	9	14512	0.001	9	14512	0.001
13:30 - 14:00	9	14512	0.002	9	14512	0.000	9	14512	0.002
14:00 - 14:30	9	14512	0.000	9	14512	0.001	9	14512	0.001
14:30 - 15:00	9	14512	0.001	9	14512	0.001	9	14512	0.002
15:00 - 15:30	9	14512	0.001	9	14512	0.001	9	14512	0.002
15:30 - 16:00	9	14512	0.000	9	14512	0.000	9	14512	0.000
16:00 - 16:30	9	14512	0.001	9	14512	0.000	9	14512	0.001
16:30 - 17:00	9	14512	0.001	9	14512	0.001	9	14512	0.002
17:00 - 17:30	9	14512	0.002	9	14512	0.002	9	14512	0.004
17:30 - 18:00	9	14512	0.002	9	14512	0.002	9	14512	0.004
18:00 - 18:30	9	14512	0.002	9	14512	0.001	9	14512	0.003
18:30 - 19:00	9	14512	0.000	9	14512	0.001	9	14512	0.001
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:			0.026			0.022			0.048

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	9	14512	0.008	9	14512	0.005	9	14512	0.013
07:30 - 08:00	9	14512	0.008	9	14512	0.013	9	14512	0.021
08:00 - 08:30	9	14512	0.008	9	14512	0.006	9	14512	0.014
08:30 - 09:00	9	14512	0.011	9	14512	0.007	9	14512	0.018
09:00 - 09:30	9	14512	0.010	9	14512	0.014	9	14512	0.024
09:30 - 10:00	9	14512	0.010	9	14512	0.008	9	14512	0.018
10:00 - 10:30	9	14512	0.007	9	14512	0.011	9	14512	0.018
10:30 - 11:00	9	14512	0.013	9	14512	0.009	9	14512	0.022
11:00 - 11:30	9	14512	0.009	9	14512	0.015	9	14512	0.024
11:30 - 12:00	9	14512	0.015	9	14512	0.011	9	14512	0.026
12:00 - 12:30	9	14512	0.015	9	14512	0.011	9	14512	0.026
12:30 - 13:00	9	14512	0.011	9	14512	0.015	9	14512	0.026
13:00 - 13:30	9	14512	0.008	9	14512	0.008	9	14512	0.016
13:30 - 14:00	9	14512	0.010	9	14512	0.011	9	14512	0.021
14:00 - 14:30	9	14512	0.006	9	14512	0.011	9	14512	0.017
14:30 - 15:00	9	14512	0.006	9	14512	0.006	9	14512	0.012
15:00 - 15:30	9	14512	0.011	9	14512	0.011	9	14512	0.022
15:30 - 16:00	9	14512	0.015	9	14512	0.013	9	14512	0.028
16:00 - 16:30	9	14512	0.009	9	14512	0.007	9	14512	0.016
16:30 - 17:00	9	14512	0.005	9	14512	0.006	9	14512	0.011
17:00 - 17:30	9	14512	0.002	9	14512	0.003	9	14512	0.005
17:30 - 18:00	9	14512	0.003	9	14512	0.003	9	14512	0.006
18:00 - 18:30	9	14512	0.000	9	14512	0.000	9	14512	0.000
18:30 - 19:00	9	14512	0.001	9	14512	0.000	9	14512	0.001
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:			0.201			0.204			0.405

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	9	14512	0.000	9	14512	0.000	9	14512	0.000
07:30 - 08:00	9	14512	0.000	9	14512	0.000	9	14512	0.000
08:00 - 08:30	9	14512	0.003	9	14512	0.000	9	14512	0.003
08:30 - 09:00	9	14512	0.000	9	14512	0.000	9	14512	0.000
09:00 - 09:30	9	14512	0.002	9	14512	0.001	9	14512	0.003
09:30 - 10:00	9	14512	0.002	9	14512	0.001	9	14512	0.003
10:00 - 10:30	9	14512	0.000	9	14512	0.001	9	14512	0.001
10:30 - 11:00	9	14512	0.000	9	14512	0.002	9	14512	0.002
11:00 - 11:30	9	14512	0.000	9	14512	0.001	9	14512	0.001
11:30 - 12:00	9	14512	0.000	9	14512	0.001	9	14512	0.001
12:00 - 12:30	9	14512	0.000	9	14512	0.000	9	14512	0.000
12:30 - 13:00	9	14512	0.000	9	14512	0.001	9	14512	0.001
13:00 - 13:30	9	14512	0.000	9	14512	0.000	9	14512	0.000
13:30 - 14:00	9	14512	0.000	9	14512	0.000	9	14512	0.000
14:00 - 14:30	9	14512	0.000	9	14512	0.001	9	14512	0.001
14:30 - 15:00	9	14512	0.000	9	14512	0.000	9	14512	0.000
15:00 - 15:30	9	14512	0.000	9	14512	0.002	9	14512	0.002
15:30 - 16:00	9	14512	0.000	9	14512	0.000	9	14512	0.000
16:00 - 16:30	9	14512	0.001	9	14512	0.000	9	14512	0.001
16:30 - 17:00	9	14512	0.002	9	14512	0.001	9	14512	0.003
17:00 - 17:30	9	14512	0.002	9	14512	0.000	9	14512	0.002
17:30 - 18:00	9	14512	0.002	9	14512	0.000	9	14512	0.002
18:00 - 18:30	9	14512	0.002	9	14512	0.000	9	14512	0.002
18:30 - 19:00	9	14512	0.002	9	14512	0.002	9	14512	0.004
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:			0.018			0.014			0.032

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.*

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

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	9	14512	0.002	9	14512	0.000	9	14512	0.002
07:30 - 08:00	9	14512	0.010	9	14512	0.000	9	14512	0.010
08:00 - 08:30	9	14512	0.008	9	14512	0.001	9	14512	0.009
08:30 - 09:00	9	14512	0.004	9	14512	0.000	9	14512	0.004
09:00 - 09:30	9	14512	0.002	9	14512	0.000	9	14512	0.002
09:30 - 10:00	9	14512	0.002	9	14512	0.000	9	14512	0.002
10:00 - 10:30	9	14512	0.002	9	14512	0.002	9	14512	0.004
10:30 - 11:00	9	14512	0.008	9	14512	0.007	9	14512	0.015
11:00 - 11:30	9	14512	0.000	9	14512	0.000	9	14512	0.000
11:30 - 12:00	9	14512	0.001	9	14512	0.001	9	14512	0.002
12:00 - 12:30	9	14512	0.000	9	14512	0.002	9	14512	0.002
12:30 - 13:00	9	14512	0.001	9	14512	0.002	9	14512	0.003
13:00 - 13:30	9	14512	0.002	9	14512	0.002	9	14512	0.004
13:30 - 14:00	9	14512	0.002	9	14512	0.000	9	14512	0.002
14:00 - 14:30	9	14512	0.002	9	14512	0.002	9	14512	0.004
14:30 - 15:00	9	14512	0.000	9	14512	0.001	9	14512	0.001
15:00 - 15:30	9	14512	0.001	9	14512	0.000	9	14512	0.001
15:30 - 16:00	9	14512	0.001	9	14512	0.006	9	14512	0.007
16:00 - 16:30	9	14512	0.000	9	14512	0.007	9	14512	0.007
16:30 - 17:00	9	14512	0.001	9	14512	0.005	9	14512	0.006
17:00 - 17:30	9	14512	0.001	9	14512	0.009	9	14512	0.010
17:30 - 18:00	9	14512	0.001	9	14512	0.006	9	14512	0.007
18:00 - 18:30	9	14512	0.001	9	14512	0.002	9	14512	0.003
18:30 - 19:00	9	14512	0.001	9	14512	0.002	9	14512	0.003
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:			0.053			0.057			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

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	9	14512	0.130	9	14512	0.030	9	14512	0.160
07:30 - 08:00	9	14512	0.243	9	14512	0.074	9	14512	0.317
08:00 - 08:30	9	14512	0.216	9	14512	0.113	9	14512	0.329
08:30 - 09:00	9	14512	0.226	9	14512	0.112	9	14512	0.338
09:00 - 09:30	9	14512	0.163	9	14512	0.108	9	14512	0.271
09:30 - 10:00	9	14512	0.146	9	14512	0.107	9	14512	0.253
10:00 - 10:30	9	14512	0.131	9	14512	0.111	9	14512	0.242
10:30 - 11:00	9	14512	0.110	9	14512	0.113	9	14512	0.223
11:00 - 11:30	9	14512	0.143	9	14512	0.129	9	14512	0.272
11:30 - 12:00	9	14512	0.149	9	14512	0.153	9	14512	0.302
12:00 - 12:30	9	14512	0.158	9	14512	0.143	9	14512	0.301
12:30 - 13:00	9	14512	0.110	9	14512	0.154	9	14512	0.264
13:00 - 13:30	9	14512	0.148	9	14512	0.162	9	14512	0.310
13:30 - 14:00	9	14512	0.148	9	14512	0.126	9	14512	0.274
14:00 - 14:30	9	14512	0.143	9	14512	0.149	9	14512	0.292
14:30 - 15:00	9	14512	0.129	9	14512	0.127	9	14512	0.256
15:00 - 15:30	9	14512	0.122	9	14512	0.142	9	14512	0.264
15:30 - 16:00	9	14512	0.109	9	14512	0.167	9	14512	0.276
16:00 - 16:30	9	14512	0.104	9	14512	0.164	9	14512	0.268
16:30 - 17:00	9	14512	0.108	9	14512	0.185	9	14512	0.293
17:00 - 17:30	9	14512	0.060	9	14512	0.223	9	14512	0.283
17:30 - 18:00	9	14512	0.031	9	14512	0.175	9	14512	0.206
18:00 - 18:30	9	14512	0.026	9	14512	0.069	9	14512	0.095
18:30 - 19:00	9	14512	0.025	9	14512	0.050	9	14512	0.075
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:			3.078			3.086			6.164

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	9	14512	0.009	9	14512	0.000	9	14512	0.009
07:30 - 08:00	9	14512	0.021	9	14512	0.004	9	14512	0.025
08:00 - 08:30	9	14512	0.015	9	14512	0.002	9	14512	0.017
08:30 - 09:00	9	14512	0.023	9	14512	0.005	9	14512	0.028
09:00 - 09:30	9	14512	0.009	9	14512	0.005	9	14512	0.014
09:30 - 10:00	9	14512	0.007	9	14512	0.005	9	14512	0.012
10:00 - 10:30	9	14512	0.009	9	14512	0.005	9	14512	0.014
10:30 - 11:00	9	14512	0.005	9	14512	0.010	9	14512	0.015
11:00 - 11:30	9	14512	0.011	9	14512	0.011	9	14512	0.022
11:30 - 12:00	9	14512	0.009	9	14512	0.008	9	14512	0.017
12:00 - 12:30	9	14512	0.007	9	14512	0.009	9	14512	0.016
12:30 - 13:00	9	14512	0.011	9	14512	0.016	9	14512	0.027
13:00 - 13:30	9	14512	0.011	9	14512	0.012	9	14512	0.023
13:30 - 14:00	9	14512	0.014	9	14512	0.012	9	14512	0.026
14:00 - 14:30	9	14512	0.008	9	14512	0.007	9	14512	0.015
14:30 - 15:00	9	14512	0.010	9	14512	0.004	9	14512	0.014
15:00 - 15:30	9	14512	0.008	9	14512	0.010	9	14512	0.018
15:30 - 16:00	9	14512	0.009	9	14512	0.019	9	14512	0.028
16:00 - 16:30	9	14512	0.005	9	14512	0.018	9	14512	0.023
16:30 - 17:00	9	14512	0.005	9	14512	0.014	9	14512	0.019
17:00 - 17:30	9	14512	0.004	9	14512	0.016	9	14512	0.020
17:30 - 18:00	9	14512	0.002	9	14512	0.010	9	14512	0.012
18:00 - 18:30	9	14512	0.003	9	14512	0.008	9	14512	0.011
18:30 - 19:00	9	14512	0.002	9	14512	0.003	9	14512	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:			0.217			0.213			0.430

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	9	14512	0.001	9	14512	0.000	9	14512	0.001
07:30 - 08:00	9	14512	0.002	9	14512	0.000	9	14512	0.002
08:00 - 08:30	9	14512	0.004	9	14512	0.000	9	14512	0.004
08:30 - 09:00	9	14512	0.006	9	14512	0.000	9	14512	0.006
09:00 - 09:30	9	14512	0.004	9	14512	0.000	9	14512	0.004
09:30 - 10:00	9	14512	0.005	9	14512	0.001	9	14512	0.006
10:00 - 10:30	9	14512	0.001	9	14512	0.001	9	14512	0.002
10:30 - 11:00	9	14512	0.002	9	14512	0.001	9	14512	0.003
11:00 - 11:30	9	14512	0.002	9	14512	0.002	9	14512	0.004
11:30 - 12:00	9	14512	0.001	9	14512	0.001	9	14512	0.002
12:00 - 12:30	9	14512	0.002	9	14512	0.000	9	14512	0.002
12:30 - 13:00	9	14512	0.000	9	14512	0.001	9	14512	0.001
13:00 - 13:30	9	14512	0.001	9	14512	0.001	9	14512	0.002
13:30 - 14:00	9	14512	0.002	9	14512	0.001	9	14512	0.003
14:00 - 14:30	9	14512	0.000	9	14512	0.002	9	14512	0.002
14:30 - 15:00	9	14512	0.002	9	14512	0.001	9	14512	0.003
15:00 - 15:30	9	14512	0.000	9	14512	0.002	9	14512	0.002
15:30 - 16:00	9	14512	0.001	9	14512	0.004	9	14512	0.005
16:00 - 16:30	9	14512	0.000	9	14512	0.004	9	14512	0.004
16:30 - 17:00	9	14512	0.000	9	14512	0.003	9	14512	0.003
17:00 - 17:30	9	14512	0.000	9	14512	0.002	9	14512	0.002
17:30 - 18:00	9	14512	0.000	9	14512	0.002	9	14512	0.002
18:00 - 18:30	9	14512	0.000	9	14512	0.000	9	14512	0.000
18:30 - 19:00	9	14512	0.000	9	14512	0.001	9	14512	0.001
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:			0.036			0.030			0.066

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.*

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

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	9	14512	0.000	9	14512	0.000	9	14512	0.000
07:30 - 08:00	9	14512	0.000	9	14512	0.000	9	14512	0.000
08:00 - 08:30	9	14512	0.000	9	14512	0.000	9	14512	0.000
08:30 - 09:00	9	14512	0.001	9	14512	0.000	9	14512	0.001
09:00 - 09:30	9	14512	0.002	9	14512	0.000	9	14512	0.002
09:30 - 10:00	9	14512	0.002	9	14512	0.000	9	14512	0.002
10:00 - 10:30	9	14512	0.001	9	14512	0.000	9	14512	0.001
10:30 - 11:00	9	14512	0.000	9	14512	0.000	9	14512	0.000
11:00 - 11:30	9	14512	0.000	9	14512	0.000	9	14512	0.000
11:30 - 12:00	9	14512	0.000	9	14512	0.000	9	14512	0.000
12:00 - 12:30	9	14512	0.000	9	14512	0.001	9	14512	0.001
12:30 - 13:00	9	14512	0.000	9	14512	0.000	9	14512	0.000
13:00 - 13:30	9	14512	0.000	9	14512	0.001	9	14512	0.001
13:30 - 14:00	9	14512	0.000	9	14512	0.002	9	14512	0.002
14:00 - 14:30	9	14512	0.000	9	14512	0.000	9	14512	0.000
14:30 - 15:00	9	14512	0.000	9	14512	0.002	9	14512	0.002
15:00 - 15:30	9	14512	0.000	9	14512	0.002	9	14512	0.002
15:30 - 16:00	9	14512	0.000	9	14512	0.000	9	14512	0.000
16:00 - 16:30	9	14512	0.000	9	14512	0.000	9	14512	0.000
16:30 - 17:00	9	14512	0.000	9	14512	0.000	9	14512	0.000
17:00 - 17:30	9	14512	0.000	9	14512	0.000	9	14512	0.000
17:30 - 18:00	9	14512	0.000	9	14512	0.000	9	14512	0.000
18:00 - 18:30	9	14512	0.000	9	14512	0.000	9	14512	0.000
18:30 - 19:00	9	14512	0.000	9	14512	0.000	9	14512	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:			0.006			0.008			0.014

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

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

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

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	9	14512	0.001	9	14512	0.000	9	14512	0.001
07:30 - 08:00	9	14512	0.002	9	14512	0.000	9	14512	0.002
08:00 - 08:30	9	14512	0.004	9	14512	0.000	9	14512	0.004
08:30 - 09:00	9	14512	0.007	9	14512	0.000	9	14512	0.007
09:00 - 09:30	9	14512	0.006	9	14512	0.000	9	14512	0.006
09:30 - 10:00	9	14512	0.007	9	14512	0.001	9	14512	0.008
10:00 - 10:30	9	14512	0.002	9	14512	0.001	9	14512	0.003
10:30 - 11:00	9	14512	0.002	9	14512	0.001	9	14512	0.003
11:00 - 11:30	9	14512	0.002	9	14512	0.002	9	14512	0.004
11:30 - 12:00	9	14512	0.001	9	14512	0.001	9	14512	0.002
12:00 - 12:30	9	14512	0.002	9	14512	0.001	9	14512	0.003
12:30 - 13:00	9	14512	0.000	9	14512	0.001	9	14512	0.001
13:00 - 13:30	9	14512	0.001	9	14512	0.002	9	14512	0.003
13:30 - 14:00	9	14512	0.002	9	14512	0.002	9	14512	0.004
14:00 - 14:30	9	14512	0.000	9	14512	0.002	9	14512	0.002
14:30 - 15:00	9	14512	0.002	9	14512	0.003	9	14512	0.005
15:00 - 15:30	9	14512	0.000	9	14512	0.003	9	14512	0.003
15:30 - 16:00	9	14512	0.001	9	14512	0.004	9	14512	0.005
16:00 - 16:30	9	14512	0.000	9	14512	0.004	9	14512	0.004
16:30 - 17:00	9	14512	0.000	9	14512	0.003	9	14512	0.003
17:00 - 17:30	9	14512	0.000	9	14512	0.002	9	14512	0.002
17:30 - 18:00	9	14512	0.000	9	14512	0.002	9	14512	0.002
18:00 - 18:30	9	14512	0.000	9	14512	0.000	9	14512	0.000
18:30 - 19:00	9	14512	0.000	9	14512	0.001	9	14512	0.001
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:			0.042			0.036			0.078

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

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

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

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	9	14512	0.142	9	14512	0.030	9	14512	0.172
07:30 - 08:00	9	14512	0.276	9	14512	0.078	9	14512	0.354
08:00 - 08:30	9	14512	0.243	9	14512	0.115	9	14512	0.358
08:30 - 09:00	9	14512	0.260	9	14512	0.117	9	14512	0.377
09:00 - 09:30	9	14512	0.180	9	14512	0.113	9	14512	0.293
09:30 - 10:00	9	14512	0.162	9	14512	0.113	9	14512	0.275
10:00 - 10:30	9	14512	0.144	9	14512	0.118	9	14512	0.262
10:30 - 11:00	9	14512	0.126	9	14512	0.130	9	14512	0.256
11:00 - 11:30	9	14512	0.156	9	14512	0.142	9	14512	0.298
11:30 - 12:00	9	14512	0.160	9	14512	0.163	9	14512	0.323
12:00 - 12:30	9	14512	0.168	9	14512	0.155	9	14512	0.323
12:30 - 13:00	9	14512	0.123	9	14512	0.173	9	14512	0.296
13:00 - 13:30	9	14512	0.162	9	14512	0.178	9	14512	0.340
13:30 - 14:00	9	14512	0.165	9	14512	0.140	9	14512	0.305
14:00 - 14:30	9	14512	0.153	9	14512	0.159	9	14512	0.312
14:30 - 15:00	9	14512	0.140	9	14512	0.135	9	14512	0.275
15:00 - 15:30	9	14512	0.130	9	14512	0.155	9	14512	0.285
15:30 - 16:00	9	14512	0.120	9	14512	0.196	9	14512	0.316
16:00 - 16:30	9	14512	0.109	9	14512	0.193	9	14512	0.302
16:30 - 17:00	9	14512	0.113	9	14512	0.207	9	14512	0.320
17:00 - 17:30	9	14512	0.065	9	14512	0.250	9	14512	0.315
17:30 - 18:00	9	14512	0.034	9	14512	0.194	9	14512	0.228
18:00 - 18:30	9	14512	0.030	9	14512	0.080	9	14512	0.110
18:30 - 19:00	9	14512	0.028	9	14512	0.055	9	14512	0.083
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:			3.389			3.389			6.778

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

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