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27-29 Ellesmere Street, Castlefield, Manchester

Transport Statement and Framework Travel Plan

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Transport Statement and Framework Travel Plan

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1.0 INTRODUCTION

1.1 Shepherd Gilmour Infrastructure Ltd. (SGi) have been commissioned by Glenbrook CHD Ltd. to provide highways and transport advice and prepare a Transport Assessment (TA) to support a planning application for 232 apartment dwellings on land at 27-29 Ellesmere Street, Manchester. The site benefits from an existing planning consent for commercial floor space with an existing office area of 836 sqm and a manufacturing unit of 575 sqm. The indicative site masterplan is included in **Appendix A**.

1.2 This TA has been prepared in accordance with the National Planning Policy Framework (NPPF) and The Guidance on Transport Assessments 2007, issued by DFT. Although this document has been withdrawn, the methodology and guidance are still relevant. This report considers the transport and highways implications associated with the proposals and is structured as follows:

Chapter 1: Introduction
Chapter 2: Existing Conditions
Chapter 3: Development Proposals
Chapter 4: Traffic Generation and Impact
Chapter 5: Travel Plan
Chapter 6: Conclusions

1.3 The National Planning Policy Framework (NPPF) (March 2012) confirms that:

"*developments should be located and designed where practical to;*

- *accommodate the efficient delivery of goods and supplies;*
- *give priority to pedestrian and cycle movements, and have access to high quality public transport facilities;*
- *create safe and secure layouts which minimise conflicts between traffic and cyclists or pedestrians, avoiding street clutter and where appropriate establishing home zones;*

- *incorporate facilities for charging plug-in and other ultra-low emission vehicles; and,*
- *consider the needs of people with disabilities by all modes of transport.*

1.4 It goes onto say;

All developments that generate significant amounts of movement should be supported by a Transport Statement or Transport Assessment. Plans and decisions should take account of whether:

- *the opportunities for sustainable transport modes have been taken up depending on the nature and location of the site, to reduce the need for major transport infrastructure;*
- *safe and suitable access to the site can be achieved for all people; and*
- *improvements can be undertaken within the transport network that cost effectively limit the significant impacts of the development. Development should only be prevented or refused on transport grounds where the residual cumulative impacts of development are severe.*

1.5 A review of personal injury accident data has been undertaken which confirms that there are no significant existing road safety issues that would be affected by traffic from the development proposals.

1.6 The site is in an accessible location and within easy walking distance of a range of local services including local stores, schools etc. It is located within close proximity to bus stops which provide services to, the local railway station, town services and more. The railway station provides services to Liverpool, Preston, Blackpool, and other local destinations.

1.7 It is proposed that the site be served from Ellesmere Street via a simple priority T-junction. A drop off area is also proposed at the site frontage.

1.8 Overall the proposed development provides suitable and safe access for all road users.

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2.0 EXISTING CONDITIONS

2.1 Site Location

2.1.1 The site is located between Ellesmere Street and the A56 Chester Road. The site is currently occupied by two commercial buildings including a three storey office unit and a two-storey manufacturing unit. The location of the proposed development is shown on **Figure 1**.

2.1.2 Access to the site is currently via Ellesmere Street via three separate priority T-junctions within close proximity. The access to the office building is gated and within the site there are 23 parking spaces. A separate access with a barrier is provided to a car parking area for 18 spaces. The manufacturing buildings have a separate gated access with an informal parking area for around 6 vehicles.

2.2 Local and Wider Road Network

2.2.1 Ellesmere Street is one-way within the vicinity of the site in the southbound direction. A designated on street cycle lane is provided on the western side of the road which is marked for cyclists travelling in the northbound direction. Footways and street lighting are provided on both sides. The road serves a number of commercial and residential units.

2.2.2 On street parking is provided on the eastern side of Ellesmere Street prior to the approach with marked bays for 5 cars. There are no restrictions at this location. Two car club permit holder parking spaces are provided on the western side of Ellesmere together with unrestricted parking provision for an additional 9 cars.

2.2.3 Ellesmere Street links with the A56 Chester Road to the south west of the site via a priority junction. Immediately to the west of the Ellesmere Street approach, a two-way priority junction of Trentham Street also links with the A56. Trentham Street is a minor access road serving a number of small scale commercial units.

2.2.4 To the north east of the site, Ellesmere Street links with Hulme Hall Road at a priority cross road junction. Hulme Hall Road runs north to south and provides access to a large number of residential flats adjacent to the Bridgewater Canal.

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2.2.5 Circa 330m to the east of the crossroads, Ellesmere Street provides access to the A57 (the 'Mancunian Way'), a primary east-west distributor road which links Liverpool and Sheffield/Worksop via Manchester city centre. 200m to the south west, Ellesmere Street provides access to the A56 Bridgewater Way, a primary north-south distributor Road through Manchester, linking Chester, south of the city to Bury, north of the city. Hulme Hall Road also connects directly to the A56 to the south of Ellesmere Road.

2.2.6 The nearest bus stops are located on the A56 Chester Road, 250m from the site immediately to the east of the Chester Road/Hulme Hall Road priority junction. There are continuous footways linking the site to the stop which operates the 84, 255 and X50 Services.

2.2.7 Cycle lanes are available on both Ellesmere Street and Chester Road. There are no National cycle routes within the immediate vicinity of the site, however National Cycle Route 6 (NCR6) connects through the city, its closest point to the site being the A34 bridge, 1.6km north of the site access. NCR6 passes through Watford, Luton, Milton Keynes, Northampton, Market Harborough, Leicester, Derby, Nottingham, Worksop, Sheffield, Manchester, Blackburn, Preston, Lancaster, Kendal and Windermere, and will connect London and Threlkeld (nr. Keswick) in Cumbria when complete. Some local cycle routes are within shorter cycling distance of the proposed development.

2.3 Traffic Count Data

2.3.1 A traffic count and speed survey has been undertaken on Ellesmere Street within the vicinity of the site access. The full data are included in **Appendix B.** A summary is provided in **Table 1.**

2.3.2 The overall traffic generation on Ellesmere Street is modest during peak periods. Traffic speeds are well within the posted speed limit of the road.

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Table 1 – Traffic Data for Ellesmere Street 5 Day Average

Direction	AM Peak (08:00-09:00)	PM Peak (17:00-18:00)	12 Hour (07:00-19:00)	85th Percentile Speed
Southbound (One-way)	70	57	515	26.0

2.4 Personal Injury Collision Data

2.4.1 Personal Injury Collision (PIC) data has been obtained from Transport for Greater Manchester for the most recent five year period from 01/02/2010 to 31/08/2015. The PIC output plan is attached as **Appendix C**, and shows the area which was investigated. In total, there have been 6 accidents on Chester Road, Westminster Street, Ellesmere Street and Trentham Street, including junctions with Hulme Hall Road, Thorncross Close, Manion Avenue and Cleworth Street. The accident total consists of 1 'serious', and 5 'slight' accidents. No 'fatal' Accidents have been recorded.

2.4.2 The serious accident occurred on A56 Chester Road at the junction with Hulme Hall Road. It was a result of one vehicle pulling over and colliding with another already on the carriageway.

2.4.3 The remaining accidents occurred in a number of different locations and there are no identified "blackspots".

2.4.4 It is not considered that any mitigation measures are required relating to road safety. There are no significant existing road safety concerns that would be affected as a result of the development proposals.

2.5 Walking and Cycling

2.5.1 The site benefits from good pedestrian and cycle links. The majority of local roads are well lit and have a maximum speed restriction of 30mph. Cycle lanes are available on both Ellesmere Street and Chester Road. The majority of pedestrian crossing points have dropped kerbs with tactile paving.

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2.5.2 The Bridgewater canal towpath runs to the north west of the proposed site providing access along the canal into the city centre to the east and towards Old Trafford, Stretford and Sale to the south west.

2.5.3 There are no national cycle routes within the immediate vicinity of the site, however National Cycle Route (NCR) 55 runs on Regent Street to the north of the site. This route connects Ironbridge to Preston via Stafford, Macclesfield, Stockport and Wigan or Bolton. NCR 6 connects through the city, its closes point to the site being along Liverpool Road and Water Street approximately 1.2km to the north east of the site. NCR6 passes through Watford, Luton, Milton Keynes, Northampton, Market Harborough, Leicester, Derby, Nottingham, Worksop, Sheffield, Manchester, Blackburn, Preston, Lancaster, Kendal and Windermere, and will connect London and Threlkeld (nr. Keswick) in Cumbria when complete. Some local cycle routes are much closer to the proposed development, with the closest at the site frontage, heading towards Chester Road.

2.6 Local Amenities

Essential Facilities

2.6.1 A large Sainsbury's is located 1.1km north of the site off Ordsall Lane. This equates to a 13 minute walk. There is also a Boots Pharmacy across the road from the Sainsbury's. The site is also very well located in terms of access to local public houses and eateries. A sandwich shop is located 270m from the site on Bentinck Street, and the Banyan Tree and Binary Bar are located 350m east of the site adjacent to Arundel Street. McColls local store is located on Ellesmere Street approximately 290m east from the site.

2.6.2 Cornbrook Medical Practice is located on City Road, 650m south of the site. White Heart dental practice is 1.4km south east on Royce Road.

2.6.3 Residents of the development can access the city centre via the established pedestrian/cycle path network that provides a link from the site, or from the bus stops located 230m to the south of the site on the A56, immediately east of the Hulme Hall Road Junction.

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2.6.4 New Hope Fellowship Church is located off Tatton Street, 250m to the south of the site. Hulme United Reformed Church is also located on this street around 100m further to the east.

2.6.5 Some of the local facilities in the vicinity of the site are shown in **Figure 1**.

Education

2.6.6 The nearest primary school to the site is Old Trafford Community School, located on Malvern Street approximately 700m from the site. St Wilfred's Primary School is situated 1.1km southeast.

2.6.7 The nearest secondary school is Oasis Academy located 2.0km northwest on King William Street. Alternative secondary schools include Loreto College 1.7km south of the site on Chichester Road South.

Employment

2.6.8 Being so close to the city centre, much employment can typically be sourced here in the form of retail, hospitality and various business centres among others. Trafford 9Park is Europe's largest industrial estate, and is located 4.4km west of the site.

Mode	Share
On Foot	35.6%
Driving a Car or Van	32.3%
Bus, Minibus or Coach	11.4%
Bicycle	5.3%
Underground, Metro, Light Rail, Tram	4.5%
Train	4.0%
Work Mainly at or From Home	3.4%
Passenger in a Car or Van	2.3%
Other Method of Travel to Work	0.9%

2.6.9 There are regular bus services to this park from the site on the X50 service.

2.6.10 The 2011 Census Journey to Work data has been interrogated to determine local travel patterns with regards to journey to work. The site falls within the within the 'Manchester 059' Middle Super Output Area (MSOA). The 2011 Census data

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suggests that of those who live in the 'Manchester 059' MSOA, 35.6% walk, 15.4% use public transport, 5.3% cycle, and 32.3% drive a car to work. **Table 1** summarises the mode share for the 'Manchester 059' MSOA.

Table 1 – Travel to Work Modal Share

2.7 Public Transport Provision

Bus

2.7.1 The site is excellently located in terms of links to public transport. The nearest bus stop is located on the A56 Chester Road, 250m south of the site, immediately east of the Chester Road/Hulme Hall Road priority junction. There are continuous footways linking the site to the stop which operates the 84, 255 and X50 Services. The next closest stop to the site with differing services is 500m north of the site on Oldfield Road, across the river Irwell. This stop provides access to the 33, 73 and 79 services. A summary of the bus frequencies is set out in **Table 2** and the bus stops are shown on **Figure 1**.

Table 2 – Bus Services and Frequencies

Service	Route	Frequency	
		Monday-Saturday	Sunday
33	Wigan - Atherton - Worsley - Eccles - Manchester	15 minutes	30 minutes
73	Clifton Junction — Swinton — Eccles — Pendleton — Ordsall — Manchester	1 hour	1 hour
79	Swinton — Swinton Park — Pendleton — Salford Quays — Stretford	1 hour	No Service
84	Reddish — Heaton Chapel — Didsbury — Rusholme — Manchester	30 mins - 1 hour	1 hour
255	Partington — Flixton — Urmston — Stretford — Hulme — Manchester	30 mins	30 mins
X50	intu Trafford Centre — Old Trafford — Manchester	15 minutes	15 minutes

Metro

2.7.2 Cornbrook Metrolink Station is the nearest station to the site located approximately 350m to the west of the site off Cornbrook Road. The Station connects every metro link in Manchester with the exception of the Blue Line (Bury to Etihad Campus).

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The metro is the fastest way in and out of the city centre, and provides links to local train stations. A summary of the service frequencies is set out in **Table 3**.

Table 3 – Metro Services and Frequencies

Route	Monday - Thursday	Friday	Saturday	Sunday & Bank Holidays
Altrincham to Piccadilly	12 minute frequency	12 minute frequency	12 minute frequency	12 minute frequency between 09:30 and 17:00 15 minutes at all other times
Altrincham to Castlefield	12 minute frequency between 07:15 and 19:30 only	12 minute frequency between 07:15 and 19:30 only	12 minute frequency between 09:30 and 18:30 only	No service
East Didsbury to Bury	12 minute frequency	12 minute frequency	12 minute frequency	12 minute frequency between 09:30 and 17:00 15 minutes at all other times
Bury to Piccadilly	12 minute frequency between 07:30 and 19:15 only	12 minute frequency between 07:30 and 19:15 only	12 minute frequency between 09:30 and 18:15 only	No service
Eccles to Piccadilly	12 minute frequency	12 minute frequency	12 minute frequency	12 minute frequency between 09:15 and 17:45 15 minutes at all other times
Manchester Airport to Cornbrook	12 minute frequency	12 minute frequency	12 minute frequency	12 minute frequency between 09:00 and 17:00 15 minutes at all other times
Rochdale Town Centre – Ashton under Lyne	12 minute frequency	12 minute frequency	12 minute frequency	12 minute frequency between 09:00 and 16:30 15 minutes at all other times

Rail

2.7.3 Deansgate Railway Station is the nearest station to the site located approximately 1.7km to the east of the site on Whitworth Street West. The Station provides services to Liverpool, Preston, Southport, and other local destinations. Some national routes are available through connections from local stations, namely Manchester Piccadilly.

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2.7.4 In accessibility terms, it is considered that the site is well placed to access the rail station by cycling, bus and metro. A summary of the service frequencies is set out in **Table 4**.

Table 4 – Train Services and Frequencies

Route	Frequency
Manchester Oxford Road	12-20 mins
Preston (Lancs)	45 mins
Hazel Grove	1 hour
Liverpool Lime Street	28 mins
Southport	1 hour
Manchester Airport	20-40 mins
Manchester Oxford Road	1-15 mins
Blackpool North	1 hour

2.8 Accessibility

2.8.1 The local area has good access to public transport (metro, bus and rail), foot and cycle links to adjacent communities and good road links to the principle road network. The need to travel however is significantly reduced by the facilities already available within the sites immediate vicinity.

2.8.2 The site is well located with respect to accessing education. Perhaps more than any other category, the journey to school shows a high degree of sensitivity between distance and mode share. The proximity of both primary and secondary schools to the site should afford residents and their children the flexibility and independence to travel to and from school with reduced reliance on the private car.

2.8.3 Retail, health and leisure accessibility has been considered. Accessibility by all modes is very good and a convenient supermarket, doctors and dentist surgeries within walking distance of the site.

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3.0 DEVELOPMENT PROPOSALS

3.1 The planning application seeks planning approval for 232 apartments on the site with 32% of the units to be one bedroom apartments. The proposals include 1, 2 and 3 bedrooms apartments. The site will also include a gym and a communal area (for co-working etc) on the ground floor. The use of these facilities will be exclusively for residents only. The indicative site masterplan is included in **Appendix A**.

3.2 The proposed site access will be from Ellesmere Street at the north western corner of the site. Parking provision will be for 75 spaces with 4 of these to be disabled spaces. The parking provision will be in a semi-basement together with a bin storage area and cycle storage.

3.3 A drop off area in the form of a lay-by will be provided on Ellesmere Street at the site frontage adjacent to the proposed pedestrian entrances.

3.4 Car parking and cycle parking provision is to be provided in accordance with Greater Manchester Car Parking Standards. There are no maximum standards for residential developments, however there is a recommendation to provide an average of 1.5 spaces per dwelling. This equates to 345 spaces. Given the development consists of flats, and is in close proximity to public transport services and local amenities and the city centre, it is unlikely that all residents will own a car. This is demonstrated in the relatively low car usage from the Census data highlighted in **Table 1**, which shows that approximately 32% of residents drive to work.

3.5 The Applicant has considered the existing car parking provision at a number of other residential schemes in the area including the Glenbrook development on Ellesmere Street. There are several large apartment developments within the immediate vicinity of the site with zero parking provision and this has been deemed acceptable in this location given the nature of the development.

3.6 A total of 75 rented parking spaces are proposed on the site. In addition, the scheme will also provide:

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- Access to existing City Car Club vehicles;
- A drop off / pick up point located on Ellesmere Street;
- Cycle hire facilities; and
- Cycle Storage.

3.7 Cycle parking standards are defined as minimum levels of 1 secure space per 5 dwellings, equating to 46 spaces as a minimum. As such, 116 bicycle spaces have been provided. In addition, 4 spaces are being provided for motorcycles.

3.8 As set out in section 2 of this report, the site is centrally located with access to a number of facilities on foot, including local bus stops, metro line and railway station. Ellesmere Street provides on road cycle facilities and car club vehicles are available from Ellesmere Street.

3.9 A Travel Plan Statement has been prepared for the proposed scheme in section 5 of this report. This sets out a number of measures which will be implemented to encourage residents to use sustainable transport modes.

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4.0 TRAFFIC GENERATION AND IMPACT

4.1 Existing Traffic Generation

4.1.1 The site is currently occupied by an office building with a floor area of 836sqm and manufacturing building with a floor space of 575sqm. Therefore, the site has an established use which can be used as a comparison to the proposed use in terms of assessing the overall 'net' trip generation for the site and impact on the local network.

4.1.2 To assess the potential traffic movements from the development the TRICS database was interrogated (TRICS 2015 v7.1.3 on line). This database contains surveys of the vehicle and multimodal trip generation of a wide variety of sites which are classified by land use and various other attributes.

4.1.3 The trip rates derived for the office development are shown in **Table 5** and the trip generation shown in **Table 6**. The site selection for the TRICS assessment is included in **Appendix D**.

Table 5 – Trip Rates for Offices (per 100sqm)

Time Range	Vehicle			Person		
	Arrivals	Departures	Totals	Arrivals	Departures	Totals
08:00-09:00	1.472	0.225	1.697	3.051	0.316	3.367
17:00-18:00	0.199	1.371	1.570	0.336	2.834	3.170
Daily	6.220	6.046	12.266	15.209	15.064	30.273

Table 6 – Trip Generation for 836sqm

Time Range	Vehicle			Person		
	Arrivals	Departures	Totals	Arrivals	Departures	Totals
08:00-09:00	12	2	14	26	3	28
17:00-18:00	2	11	13	3	24	27
Daily	52	51	103	127	126	253

4.1.4 Industrial unit sites have been used to forecast the traffic generation associated with the manufacturing unit. There are no town centre or edge of town centre sites available, therefore edge of town sites have been selected. The trip rates are shown in **Table 7** and the trip generation in **Table 8**. The TRICS data is included in **Appendix D**.

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Table 7 – Trip Rates for Industrial Unit (per 100sqm)

Time Range	Vehicle			Person		
	Arrivals	Departures	Totals	Arrivals	Departures	Totals
08:00-09:00	0.852	0.151	1.003	1.040	0.175	1.215
17:00-18:00	0.078	0.634	0.712	0.098	0.836	0.934
Daily	3.001	3.076	6.077	3.894	4.061	7.955

Table 8 – Trip Generation for 575sqm

Time Range	Vehicle			Person		
	Arrivals	Departures	Totals	Arrivals	Departures	Totals
08:00-09:00	5	1	6	6	1	7
17:00-18:00	0	4	4	1	5	5
Daily	17	18	35	22	23	46

4.1.5 Taking both units together the total existing forecast traffic generation associated with the site is set out in **Table 9**.

Table 9 – Total Existing Trip Generation

Time Range	Vehicle			Person		
	Arrivals	Departures	Totals	Arrivals	Departures	Totals
08:00-09:00	17	3	20	31	4	35
17:00-18:00	2	15	17	3	28	32
Daily	69	68	137	150	149	299

4.2 Proposed Traffic Generation

4.2.1 The database was interrogated for multi-modal surveys of private flats. The resulting TRICS printouts are attached at **Appendix D** for both total vehicle and person trips. The trip rates for the proposed development are summarised in **Table 10**.

Table 10 – TRICS assessment for 'Private Flats' (trip rate per flat)

Time Range	Vehicle			Person		
	Arrivals	Departures	Totals	Arrivals	Departures	Totals
08:00-09:00	0.057	0.176	0.233	0.096	0.442	0.538
17:00-18:00	0.139	0.071	0.21	0.451	0.185	0.636
Daily	0.924	0.988	1.912	2.465	2.612	5.077

4.2.2 A summary of the total development generated vehicle and person trips relating to the proposed use is given in **Table 11**.

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Table 11 – Trip Generation for 232 flats

Time Range	Vehicle			Person		
	Arrivals	Departures	Totals	Arrivals	Departures	Totals
08:00-09:00	13	41	54	22	103	125
17:00-18:00	32	16	49	105	43	148
Daily	214	229	444	572	606	1178

4.2.3 The trip rates assume a car driver rate of around 43% in the morning peak period and around 33% in the afternoon peak. This is slightly higher than the proportions in the Census data and the assessment is therefore robust.

4.2.4 The trip rates are based on privately owned flats. The majority of the flats will be rented to young professionals working in the City Centre. On this basis and given the highly accessible location of the site, the trip rates are considered to be a worst case scenario and in reality the trip generation is likely to be lower than estimated using TRICS.

4.3 Net Traffic Generation

4.3.1 The existing traffic generation has been taken into account in the terms of the overall net increase in trip generation associated with the site. The increase in trip generation is therefore set out in **Table 12**.

4.3.2 Given the differences in land use types between the existing and proposed use, the proposed trip generation results in an increase in departures in the AM peak and arrivals in the PM peak.

Table 12 – Net Trip Generation

Time Range	Vehicular Trip Generation		
	Arrivals	Departures	Totals
08:00-09:00	-4	38	34
17:00-18:00	30	1	31
Daily	145	161	307

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4.4 Traffic Distribution and Assignment

4.4.1 The proposed development's traffic generation has been distributed using Census Journey to Work data (2011) for the 'Manchester 059' MSOA. A breakdown of the distribution trips from this ward to employment destinations is summarised in **Table 13**.

Table 13 – Distribution of Trips

Workplace	Percentage
Manchester	32.5%
Trafford	15.5%
Salford	10.0%
Stockport	5.4%
Bury	3.6%
Cheshire East	3.3%
Warrington	3.0%
Bolton	2.9%
Oldham	2.5%
Tameside	2.4%
Other	18.9%

4.4.2 Based on the census data assuming the most direct route to the destinations, approximately 70.2% of traffic would route east onto A56 towards the A57. 29.8% of traffic is predicted to travel west onto the A56 from the site.

4.4.3 Taking the total arrivals and departures during peak periods, this would equate to an additional 24 trips routing to/from the east onto the A56 and directly onto the A57 on slip from Ellesmere Road. To the west of the site it is forecast there will be an additional 10 trips on the A56.

4.4.4 As Ellesmere Street is one-way traffic entering the site will do so via Hulme Hall Road or directly via the A56/A57 roundabout junction. Traffic exiting the site will do so via the southern stretch of Ellesmere Street linking directly with the A56. This will result in a greater increase in traffic over a short stretch of the A56 between Hulme Hall Road and Ellesmere Street.

4.5 Traffic Impact

4.5.1 At any single junction or link it is forecast there will be a maximum of an additional 24 trips during the peak period. This equates to an additional trip around every 2.5

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minutes on the local network.

4.5.2 The additional traffic is modest and does not warrant the need for detailed off site junction assessments. On this basis, it concluded that the redevelopment of the site would not have a material impact on the local road network.

5.0 TRAVEL PLAN

5.1 Introduction

5.1.1 A Residential Travel Plan (RTP) is designed to reduce car use originating from new housing developments by supporting alternative forms of transport reducing the need to travel in the first place. The Travel Plan will be an important tool to help deliver accessible and sustainable communities and involve meeting the access needs of residents in a sustainable way.

5.1.2 The RTP for this development will specify the measures to be implemented before development and occupation. It will include draft targets for the share of different transport modes and an implementation plan will be developed to assist the production of a Full RTP once the proposed site is occupied. A Travel Plan can bring a number of benefits, which includes the following:

- Residents can enjoy improved health, less stress, a better quality of life, cost and time savings and a greater travel choice;
- The development would see a reduced demand for car parking, with less congestion and better access for residents and visitors;
- The local community will welcome the reduced traffic congestion and shorter journey times; and
- The environment will benefit from improved air quality, less noise and dirt, and a reduced impact of wider environmental problems such as global warming.

5.1.3 The implementation of the measures contained within the RTP will be the responsibility of the developer and those eventually occupying the development. A Travel Plan Co-ordinator will undertake the monitoring of the effectiveness of the

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Travel Plan. A progress report will be undertaken on a regular basis and will look at the results of target setting, implementation, monitoring and review. The report will include details of performance measured against the targets set. Where it has been identified that the targets are not being achieved, measures will be identified in order to make an improvement.

5.2 Objectives

5.2.1 The overarching objective of the Framework Travel Plan is to provide a template for the development of future Travel Plans. There are 4 main objectives for this Framework Travel Plan as follows:

1. To facilitate at design stage, the accessibility of the site by sustainable modes of transport.
2. To ensure that all staff, residents, users and visitors to the site are aware of the travel choices available and are encouraged to use sustainable modes of transport when accessing the site.
3. To enable the development to protect and enhance the environment.
4. To address specific issues identified within the sites Transport Statement by influencing the design process and implementing mechanisms that ensures that the choices of sustainable modes are an attractive and easy option. Furthermore the Travel Plan to be developed will contribute to meeting the range of objectives contained within the transport policy reviewed earlier.

5.3 Proposed Measures

5.3.1 The emphasis within the detailed travel plan will be to maximise the opportunities that the physical development proposals and the excellent sustainable transport accessibility offer. It is essential that all tenants receive a travel pack detailing all the travel options not only within Manchester but also how they access the site from coach/rail stations, prior to their first visit, as this will set the tone. The travel pack will contain:

- Timetables , local and national plans showing locations of all local employment places, shopping areas, doctor's surgeries, hospitals and leisure facilities.

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- High quality walking and cycle maps to key destinations including universities, rail and tram station, bus and coach station etc; - How to get here guides from the rail, tram, bus and coach station;
- A Plan which shows appropriate footways/ cycle ways within the Manchester area;
- Information on cycle and walk buddie schemes (through www.letstravelwise.org);
- Information on discounts at local cycle and clothing stores
- Information on car share schemes and local car clubs. The primary purpose of the pack will be to encourage and educate residents to be more sustainable in their choice of transport and to reduce the reliance on the car for home based trips.
- Information on taxi services available which can be arranged by the Management Team.

5.3.2 A detailed table of other possible RTP measures to be considered as part of the development is provided in **Table 9** below.

Table 9 - Residential Travel Plan Measures

Reducing the Need to Travel	
Home working	Installation of facilities to promote home working – multi-purpose room with internet access, a number of power points, etc.
Home deliveries	Work in partnership with local supermarkets to promote and co-ordinate home deliveries.
Home deliveries	Provide information on local facilities such as doctors, dentists, grocery outlets, schools, parks include walk/cycle times to each, where appropriate sign.
Improving Travel Choice	
Travel Voucher	Provide a sum of money for each unit to be spent on sustainable travel options from a standard shopping list.
Cycling	Produce site specific cycle route maps to key destinations.
	Provide secure covered on site storage for residents.
	Provide information on the local cycle routes, local cycle shops, cycling organisations, cycle training both adult and child.

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	Produce site specific walking route maps to key destinations.
	Secure discount at cycle shops.
	Initiate Cycle buddy scheme.
Walking	Standard provision of umbrellas/personal attack alarms
	Provide Site Specific route maps showing PT stops and timetable information and update accordingly.
	Secure discount at outdoor wear retailers.
	Initiate walking buddy scheme
Public Transport	Provide initial free (weekly/monthly) ticket on occupation
Car Share	Set up/sign up to car share database and promote.
Selling the Message	
Marketing and Promotion	Implement ongoing promotion and marketing strategy
	Provide walking route maps to key destinations.
	Provide all relevant travel information at point of sale/within marketing suite; this will be branded in the same style as the travel plan.
Partnership working Promotion and marketing	Provide all relevant travel information within application pack, prior to the residence being occupied; include how to get here guides from transport interchanges (rail, tram stations, bus and coach stations). Annually and updated accordingly.
	Include relevant travel information within a welcome pack.

5.4 Targets and Monitoring

5.4.1 The Residential Travel Plan should include targets, monitoring and management arrangements to ensure that the objectives of the travel plan are achieved and that it remains sustainable over a long time.

- Car trips – Targets will be set to try and reduce the number of vehicles travelling to the site.
- Uptake of alternatives – targets for bus travel, cycling, walking and car sharing
- Travel plan awareness targets – a target can be established to ensure a significant percentage of residents are aware of the travel plan and its purpose.

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5.5 Marketing, Promotion and Awareness Raising

5.5.1 Promotion, marketing and raising awareness is necessary to ensure adequate take-up of these services and to communicate the travel plan to residents and visitors alike. The design of the site and provision of key facilities and services outlined above will make it feasible for all users and visitors to make more sustainable travel choices. However, it is also essential that these options are effectively marketed and promoted to those travelling to and from the site. This will be in the form of a Travel Plan Pack which will include information on local public transport, sustainable modes of travel and key services that are provided by Manchester City Council and Transport for Greater Manchester (TfGM). Once ownership of the unit has taken place, one Travel Plan pack will be issued to the new occupants of the apartment. A Travel Plan Co-ordinator will be nominated and contact details provided to TfGM once the individual/s have been identified. The Travel Plan Co-ordinator will establish and co-ordinate steering Groups and Work groups, whilst designing and implementing an effective marketing and awareness campaign for the residents of the development site.

5.6 Monitoring

5.6.1 Monitoring is central to ensuring the aims; objectives and targets of the travel plan are delivered. The Travel Plan will be monitored as a whole and on each individual initiative. The monitoring will be the responsibility of the Travel Plan Co-ordinator. It is envisaged that monitoring of the travel plan will take place annually to provide ongoing information on the impact of the plan.

5.7 Report Structure

5.7.1 The Final Residential Travel Plan will comprise of the following reporting structure:

Chapter 1 Introduction

Chapter 2 Site Description and Existing Conditions

Chapter 3 Accessibility by Sustainable Modes

Chapter 4 Travel Plan Objectives

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Chapter 5 Proposed Measures and Implementation

Chapter 6 Targets and Monitoring

Chapter 7 Conclusion

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6.0 CONCLUSIONS

6.1 This Transport Assessment has reviewed the highways and transport implications of providing 232 residential apartments on land at 27-29 Ellesmere Street, Castlefield, Manchester. The site is currently occupied by an office building and manufacturing building and associated parking provision. The existing buildings will be demolished as part of the proposals.

6.2 The proposed site is located in an accessible location close to amenities and facilities within Manchester and to the local bus stops, metro stops and railway station. The main roads running through the area have walking provision and access to bus services.

6.3 Vehicular site access will be provided via Ellesmere Street. A drop off area in the form of a lay-by will also be provided on Ellesmere Street at the site frontage.

6.4 Rented car parking provision will be for 75 spaces with 116 cycle parking spaces. This level of parking is considered adequate for the sustainable transport credentials of the surrounding area and is based on a review of similar residential schemes in the area.

6.5 The traffic generation has been estimated using sites within the TRICS database and distributed onto the local network. The forecast generation is around 31-34 trips during the peak period.

6.6 The impact of the proposals on the local road network will not be material and there are no off site highway works required.

6.7 Overall, suitable access to the site can be achieved and that the impact on the local roads will not be severe in accordance with NPPF paragraph 32.

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Figure 1

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Appendix A

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Appendix B

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Appendix C

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Appendix D

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Figure 1

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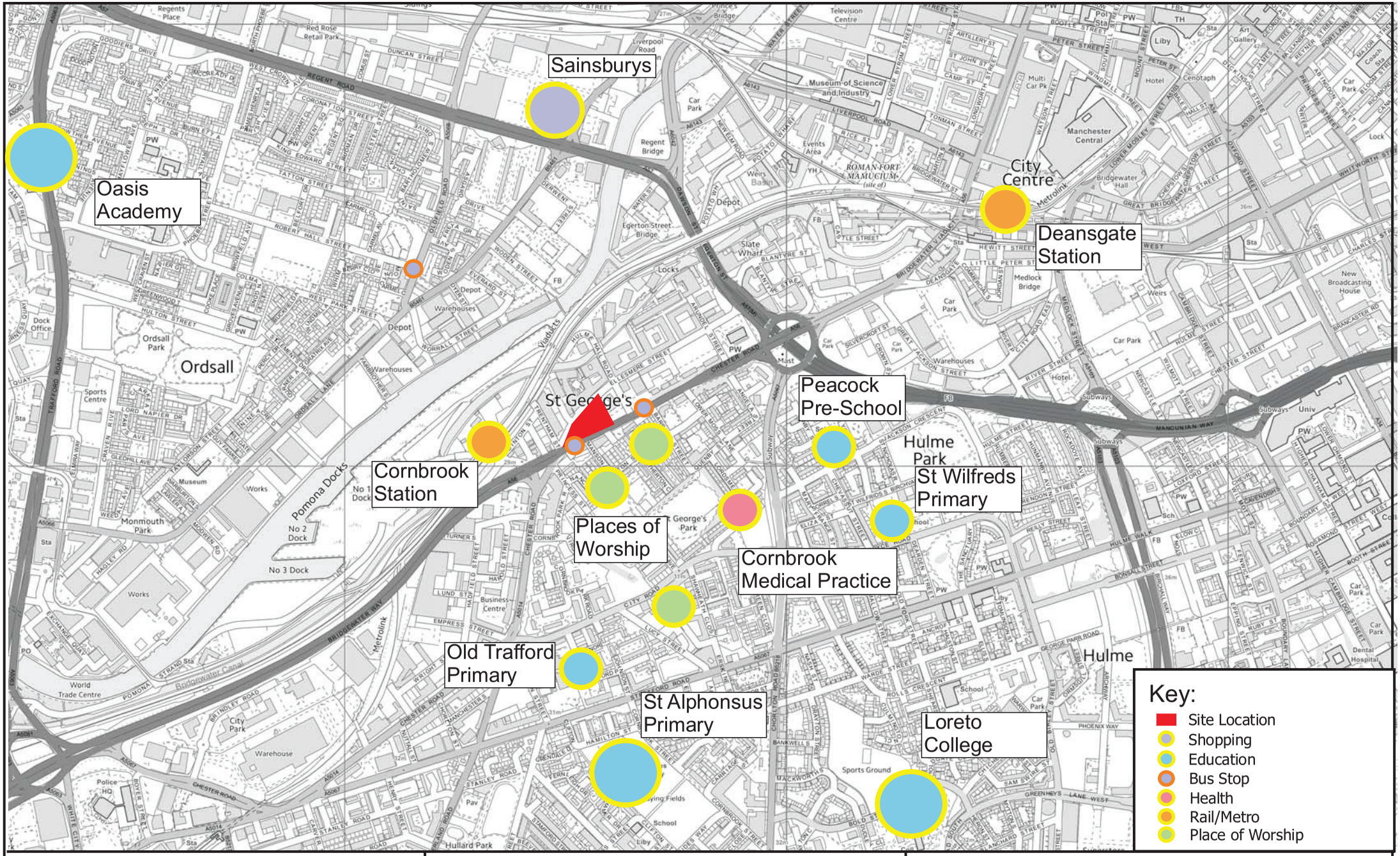

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Notes:

Figure 1
Drawing Title
Job Title
Client

Drawing No 17421-01
Site Location Plan
Pomona Wharf
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Scale : NTS

NORTH

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Appendix A

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Basement Car Park
Scale @ 1 : 100

NOTES

- All dimensions and levels are to be checked on site.
- Any discrepancies are to be reported to the architect before any work commences
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88413-AEW-AB-XX-M3-A [P2] [S2]

REV	Date	Drawn by: -	Checked by: -
P3	04/12/15	AKS	CK
Cycle Numbers increase to 116No.			
P2	30/11/15	TF	CK
Planning Issue			
P1	25/11/15	HC	CK
Draft Issue			

Status: S2 — Purpose of Issue: For Planning Approval

drawing stage: **Stage 3**

client: **Glenbrook CHD Limited**

project: **Ellesmere Street, Manchester**

drawing title: **Proposed Basement Floor Plan**

date: 25/11/15 drawn: HC

scale @ A0: 1 : 100 checked: CK

Rev: P3

Drg No: **B8413-AEW-XX-B1-DR-A-0510**

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Appendix B

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19585		MANCHESTER								
		NOVEMBER 2015								
Site	Location	Direction	Start Date	End Date	Posted Speed Limit (PSL)	Total Vehicles	5 Day Ave.	7 Day Ave.	Average 85%ile Speed	Average Mean Speed
Site No: 19585001	Ellesmere Street, Manchester (LC 03) SJ 82513 97094	Channel: Westbound	Fri 06-Nov-15	Thu 12-Nov-15	30	4495	671	642	26.0	20.5

19585	MANCHESTER	Site No: 19585001	Location	Ellesmere Street, Manchester (LC 03)
Fri 06-Nov-15 to Thu 12-Nov-15		Channel: Westbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Fri 06-Nov-15											
00:00	**11**	0	0.0	11	100.0	0	0.0	0	0.0	0	0.0
01:00	**4**	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0
02:00	**3**	0	0.0	2	66.7	1	33.3	0	0.0	0	0.0
03:00	**3**	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
04:00	**2**	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
05:00	**5**	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
06:00	**16**	0	0.0	14	87.5	2	12.5	0	0.0	0	0.0
07:00	**52**	0	0.0	52	100.0	0	0.0	0	0.0	0	0.0
08:00	**65**	1	1.5	61	93.9	2	3.1	1	1.5	0	0.0
09:00	**46**	1	2.2	39	84.8	6	13.0	0	0.0	0	0.0
10:00	**34**	0	0.0	27	79.4	7	20.6	0	0.0	0	0.0
11:00	**43**	0	0.0	31	72.1	10	23.3	1	2.3	1	2.3
12:00	**34**	0	0.0	29	85.3	4	11.8	1	2.9	0	0.0
13:00	**42**	2	4.8	35	83.3	4	9.5	1	2.4	0	0.0
14:00	**46**	1	2.2	40	87.0	2	4.4	3	6.5	0	0.0
15:00	**41**	0	0.0	37	90.2	4	9.8	0	0.0	0	0.0
16:00	**37**	1	2.7	33	89.2	3	8.1	0	0.0	0	0.0
17:00	**58**	6	10.3	49	84.5	3	5.2	0	0.0	0	0.0
18:00	**49**	1	2.0	47	95.9	1	2.0	0	0.0	0	0.0
19:00	**48**	3	6.3	45	93.8	0	0.0	0	0.0	0	0.0
20:00	**34**	0	0.0	33	97.1	1	2.9	0	0.0	0	0.0
21:00	**21**	1	4.8	20	95.2	0	0.0	0	0.0	0	0.0
22:00	**24**	1	4.2	23	95.8	0	0.0	0	0.0	0	0.0
23:00	**22**	0	0.0	22	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	**547**	**13**	**2.4**	**480**	**87.8**	**46**	**8.4**	**7**	**1.3**	**1**	**0.2**
16H,6-22	**666**	**17**	**2.6**	**592**	**88.9**	**49**	**7.4**	**7**	**1.1**	**1**	**0.2**
18H,6-24	**712**	**18**	**2.5**	**637**	**89.5**	**49**	**6.9**	**7**	**1.0**	**1**	**0.1**
24H,0-24	**740**	**18**	**2.4**	**664**	**89.7**	**50**	**6.8**	**7**	**1.0**	**1**	**0.1**

19585	MANCHESTER	Site No: 19585001	Location	Ellesmere Street, Manchester (LC 03)
Fri 06-Nov-15 to Thu 12-Nov-15		Channel: Westbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Sat 07-Nov-15											
00:00	17	0	0.0	17	100.0	0	0.0	0	0.0	0	0.0
01:00	13	0	0.0	13	100.0	0	0.0	0	0.0	0	0.0
02:00	12	0	0.0	11	91.7	1	8.3	0	0.0	0	0.0
03:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
04:00	7	0	0.0	7	100.0	0	0.0	0	0.0	0	0.0
05:00	6	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0
06:00	6	0	0.0	5	83.3	1	16.7	0	0.0	0	0.0
07:00	8	0	0.0	7	87.5	1	12.5	0	0.0	0	0.0
08:00	18	0	0.0	17	94.4	0	0.0	0	0.0	1	5.6
09:00	23	0	0.0	22	95.7	1	4.4	0	0.0	0	0.0
10:00	41	0	0.0	40	97.6	1	2.4	0	0.0	0	0.0
11:00	56	1	1.8	51	91.1	4	7.1	0	0.0	0	0.0
12:00	51	1	2.0	48	94.1	2	3.9	0	0.0	0	0.0
13:00	48	0	0.0	45	93.8	3	6.3	0	0.0	0	0.0
14:00	38	0	0.0	32	84.2	6	15.8	0	0.0	0	0.0
15:00	38	0	0.0	37	97.4	1	2.6	0	0.0	0	0.0
16:00	44	1	2.3	41	93.2	2	4.6	0	0.0	0	0.0
17:00	25	0	0.0	25	100.0	0	0.0	0	0.0	0	0.0
18:00	32	0	0.0	32	100.0	0	0.0	0	0.0	0	0.0
19:00	46	4	8.7	42	91.3	0	0.0	0	0.0	0	0.0
20:00	35	0	0.0	33	94.3	2	5.7	0	0.0	0	0.0
21:00	10	0	0.0	9	90.0	1	10.0	0	0.0	0	0.0
22:00	23	1	4.4	21	91.3	1	4.4	0	0.0	0	0.0
23:00	18	1	5.6	15	83.3	2	11.1	0	0.0	0	0.0
12H,7-19	422	3	0.7	397	94.1	21	5.0	0	0.0	1	0.2
16H,6-22	519	7	1.4	486	93.6	25	4.8	0	0.0	1	0.2
18H,6-24	560	9	1.6	522	93.2	28	5.0	0	0.0	1	0.2
24H,0-24	620	9	1.5	581	93.7	29	4.7	0	0.0	1	0.2

19585	MANCHESTER	Site No: 19585001	Location	Ellesmere Street, Manchester (LC 03)
Fri 06-Nov-15 to Thu 12-Nov-15		Channel: Westbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Sun 08-Nov-15											
00:00	**15**	0	0.0	15	100.0	0	0.0	0	0.0	0	0.0
01:00	**15**	0	0.0	15	100.0	0	0.0	0	0.0	0	0.0
02:00	**21**	0	0.0	19	90.5	2	9.5	0	0.0	0	0.0
03:00	**14**	0	0.0	14	100.0	0	0.0	0	0.0	0	0.0
04:00	**10**	0	0.0	10	100.0	0	0.0	0	0.0	0	0.0
05:00	**5**	0	0.0	4	80.0	1	20.0	0	0.0	0	0.0
06:00	**10**	0	0.0	10	100.0	0	0.0	0	0.0	0	0.0
07:00	**2**	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0
08:00	**9**	0	0.0	9	100.0	0	0.0	0	0.0	0	0.0
09:00	**17**	1	5.9	15	88.2	1	5.9	0	0.0	0	0.0
10:00	**32**	0	0.0	30	93.8	2	6.3	0	0.0	0	0.0
11:00	**24**	0	0.0	24	100.0	0	0.0	0	0.0	0	0.0
12:00	**34**	0	0.0	34	100.0	0	0.0	0	0.0	0	0.0
13:00	**51**	1	2.0	45	88.2	5	9.8	0	0.0	0	0.0
14:00	**35**	0	0.0	34	97.1	1	2.9	0	0.0	0	0.0
15:00	**35**	0	0.0	33	94.3	2	5.7	0	0.0	0	0.0
16:00	**30**	1	3.3	29	96.7	0	0.0	0	0.0	0	0.0
17:00	**35**	1	2.9	34	97.1	0	0.0	0	0.0	0	0.0
18:00	**25**	1	4.0	23	92.0	1	4.0	0	0.0	0	0.0
19:00	**31**	1	3.2	29	93.6	1	3.2	0	0.0	0	0.0
20:00	**24**	1	4.2	23	95.8	0	0.0	0	0.0	0	0.0
21:00	**22**	0	0.0	19	86.4	3	13.6	0	0.0	0	0.0
22:00	**14**	0	0.0	13	92.9	1	7.1	0	0.0	0	0.0
23:00	**11**	0	0.0	11	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	**329**	**5**	**1.5**	**311**	**94.5**	**13**	**4.0**	**0**	**0.0**	**0**	**0.0**
16H,6-22	**416**	**7**	**1.7**	**392**	**94.2**	**17**	**4.1**	**0**	**0.0**	**0**	**0.0**
18H,6-24	**441**	**7**	**1.6**	**416**	**94.3**	**18**	**4.1**	**0**	**0.0**	**0**	**0.0**
24H,0-24	**521**	**7**	**1.3**	**493**	**94.6**	**21**	**4.0**	**0**	**0.0**	**0**	**0.0**

19585	MANCHESTER	Site No: 19585001	Location	Ellesmere Street, Manchester (LC 03)
Fri 06-Nov-15 to Thu 12-Nov-15		Channel: Westbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Mon 09-Nov-15											
00:00	**8**	0	0.0	8	100.0	0	0.0	0	0.0	0	0.0
01:00	**1**	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
02:00	**0**	0	-	0	-	0	-	0	-	0	-
03:00	**3**	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
04:00	**2**	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
05:00	**4**	0	0.0	3	75.0	1	25.0	0	0.0	0	0.0
06:00	**18**	1	5.6	16	88.9	0	0.0	1	5.6	0	0.0
07:00	**50**	0	0.0	49	98.0	1	2.0	0	0.0	0	0.0
08:00	**66**	0	0.0	66	100.0	0	0.0	0	0.0	0	0.0
09:00	**50**	0	0.0	44	88.0	5	10.0	1	2.0	0	0.0
10:00	**18**	0	0.0	15	83.3	3	16.7	0	0.0	0	0.0
11:00	**25**	0	0.0	21	84.0	4	16.0	0	0.0	0	0.0
12:00	**30**	1	3.3	26	86.7	2	6.7	1	3.3	0	0.0
13:00	**29**	1	3.5	23	79.3	5	17.2	0	0.0	0	0.0
14:00	**34**	1	2.9	28	82.4	4	11.8	1	2.9	0	0.0
15:00	**42**	0	0.0	36	85.7	6	14.3	0	0.0	0	0.0
16:00	**49**	1	2.0	37	75.5	8	16.3	3	6.1	0	0.0
17:00	**58**	5	8.6	48	82.8	5	8.6	0	0.0	0	0.0
18:00	**67**	1	1.5	64	95.5	2	3.0	0	0.0	0	0.0
19:00	**48**	0	0.0	42	87.5	6	12.5	0	0.0	0	0.0
20:00	**22**	0	0.0	22	100.0	0	0.0	0	0.0	0	0.0
21:00	**19**	0	0.0	18	94.7	1	5.3	0	0.0	0	0.0
22:00	**11**	0	0.0	9	81.8	2	18.2	0	0.0	0	0.0
23:00	**6**	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	**518**	**10**	**1.9**	**457**	**88.2**	**45**	**8.7**	**6**	**1.2**	**0**	**0.0**
16H,6-22	**625**	**11**	**1.8**	**555**	**88.8**	**52**	**8.3**	**7**	**1.1**	**0**	**0.0**
18H,6-24	**642**	**11**	**1.7**	**570**	**88.8**	**54**	**8.4**	**7**	**1.1**	**0**	**0.0**
24H,0-24	**660**	**11**	**1.7**	**587**	**88.9**	**55**	**8.3**	**7**	**1.1**	**0**	**0.0**

19585	MANCHESTER	Site No: 19585001	Location	Ellesmere Street, Manchester (LC 03)
Fri 06-Nov-15 to Thu 12-Nov-15		Channel: Westbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Tue 10-Nov-15											
00:00	**4**	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0
01:00	**1**	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
02:00	**0**	0	-	0	-	0	-	0	-	0	-
03:00	**2**	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
04:00	**3**	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
05:00	**6**	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0
06:00	**20**	1	5.0	18	90.0	1	5.0	0	0.0	0	0.0
07:00	**53**	1	1.9	52	98.1	0	0.0	0	0.0	0	0.0
08:00	**69**	1	1.5	65	94.2	3	4.4	0	0.0	0	0.0
09:00	**46**	0	0.0	40	87.0	6	13.0	0	0.0	0	0.0
10:00	**28**	0	0.0	20	71.4	8	28.6	0	0.0	0	0.0
11:00	**29**	1	3.5	21	72.4	6	20.7	1	3.5	0	0.0
12:00	**23**	0	0.0	19	82.6	4	17.4	0	0.0	0	0.0
13:00	**37**	0	0.0	33	89.2	4	10.8	0	0.0	0	0.0
14:00	**26**	1	3.9	21	80.8	4	15.4	0	0.0	0	0.0
15:00	**30**	0	0.0	25	83.3	5	16.7	0	0.0	0	0.0
16:00	**38**	0	0.0	31	81.6	7	18.4	0	0.0	0	0.0
17:00	**55**	4	7.3	48	87.3	3	5.5	0	0.0	0	0.0
18:00	**45**	4	8.9	40	88.9	1	2.2	0	0.0	0	0.0
19:00	**37**	0	0.0	35	94.6	2	5.4	0	0.0	0	0.0
20:00	**34**	0	0.0	32	94.1	1	2.9	1	2.9	0	0.0
21:00	**24**	0	0.0	22	91.7	2	8.3	0	0.0	0	0.0
22:00	**9**	1	11.1	8	88.9	0	0.0	0	0.0	0	0.0
23:00	**11**	1	9.1	9	81.8	1	9.1	0	0.0	0	0.0
12H,7-19	**479**	**12**	**2.5**	**415**	**86.6**	**51**	**10.7**	**1**	**0.2**	**0**	**0.0**
16H,6-22	**594**	**13**	**2.2**	**522**	**87.9**	**57**	**9.6**	**2**	**0.3**	**0**	**0.0**
18H,6-24	**614**	**15**	**2.4**	**539**	**87.8**	**58**	**9.5**	**2**	**0.3**	**0**	**0.0**
24H,0-24	**630**	**15**	**2.4**	**555**	**88.1**	**58**	**9.2**	**2**	**0.3**	**0**	**0.0**

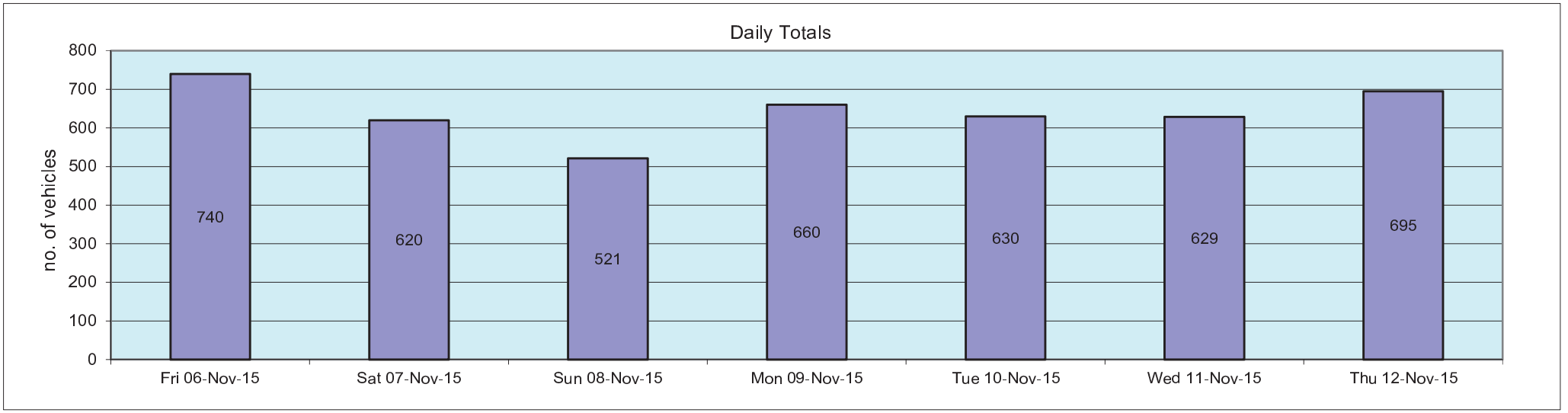
19585		MANCHESTER		Site No: 19585001		Location	Ellesmere Street, Manchester (LC 03)				
Fri 06-Nov-15 to Thu 12-Nov-15				Channel: Westbound							
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Wed 11-Nov-15											
00:00	**10**	0	0.0	9	90.0	0	0.0	1	10.0	0	0.0
01:00	**4**	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0
02:00	**3**	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
03:00	**1**	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0
04:00	**5**	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
05:00	**7**	0	0.0	4	57.1	3	42.9	0	0.0	0	0.0
06:00	**17**	1	5.9	14	82.4	2	11.8	0	0.0	0	0.0
07:00	**46**	1	2.2	43	93.5	2	4.4	0	0.0	0	0.0
08:00	**78**	3	3.9	71	91.0	3	3.9	1	1.3	0	0.0
09:00	**34**	1	2.9	25	73.5	8	23.5	0	0.0	0	0.0
10:00	**23**	0	0.0	17	73.9	2	8.7	3	13.0	1	4.4
11:00	**30**	0	0.0	25	83.3	4	13.3	1	3.3	0	0.0
12:00	**31**	1	3.2	26	83.9	2	6.5	2	6.5	0	0.0
13:00	**29**	0	0.0	24	82.8	5	17.2	0	0.0	0	0.0
14:00	**33**	2	6.1	25	75.8	6	18.2	0	0.0	0	0.0
15:00	**37**	0	0.0	28	75.7	9	24.3	0	0.0	0	0.0
16:00	**43**	1	2.3	35	81.4	6	14.0	1	2.3	0	0.0
17:00	**64**	4	6.3	60	93.8	0	0.0	0	0.0	0	0.0
18:00	**43**	2	4.7	40	93.0	1	2.3	0	0.0	0	0.0
19:00	**32**	0	0.0	32	100.0	0	0.0	0	0.0	0	0.0
20:00	**13**	0	0.0	13	100.0	0	0.0	0	0.0	0	0.0
21:00	**20**	0	0.0	19	95.0	1	5.0	0	0.0	0	0.0
22:00	**15**	0	0.0	15	100.0	0	0.0	0	0.0	0	0.0
23:00	**11**	0	0.0	11	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	**491**	**15**	**3.1**	**419**	**85.3**	**48**	**9.8**	**8**	**1.6**	**1**	**0.2**
16H,6-22	**573**	**16**	**2.8**	**497**	**86.7**	**51**	**8.9**	**8**	**1.4**	**1**	**0.2**
18H,6-24	**599**	**16**	**2.7**	**523**	**87.3**	**51**	**8.5**	**8**	**1.3**	**1**	**0.2**
24H,0-24	**629**	**16**	**2.5**	**548**	**87.1**	**55**	**8.7**	**9**	**1.4**	**1**	**0.2**

19585	MANCHESTER	Site No: 19585001	Location	Ellesmere Street, Manchester (LC 03)
Fri 06-Nov-15 to Thu 12-Nov-15		Channel: Westbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Thu 12-Nov-15											
00:00	**5**	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
01:00	**3**	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
02:00	**5**	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
03:00	**3**	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
04:00	**2**	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
05:00	**2**	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
06:00	**16**	0	0.0	15	93.8	1	6.3	0	0.0	0	0.0
07:00	**53**	1	1.9	51	96.2	1	1.9	0	0.0	0	0.0
08:00	**70**	0	0.0	67	95.7	3	4.3	0	0.0	0	0.0
09:00	**44**	0	0.0	41	93.2	3	6.8	0	0.0	0	0.0
10:00	**26**	0	0.0	23	88.5	2	7.7	1	3.9	0	0.0
11:00	**44**	0	0.0	35	79.6	8	18.2	1	2.3	0	0.0
12:00	**31**	1	3.2	25	80.7	4	12.9	1	3.2	0	0.0
13:00	**46**	1	2.2	40	87.0	4	8.7	1	2.2	0	0.0
14:00	**40**	1	2.5	30	75.0	8	20.0	1	2.5	0	0.0
15:00	**33**	0	0.0	28	84.9	5	15.2	0	0.0	0	0.0
16:00	**49**	2	4.1	40	81.6	7	14.3	0	0.0	0	0.0
17:00	**51**	2	3.9	47	92.2	2	3.9	0	0.0	0	0.0
18:00	**55**	6	10.9	48	87.3	1	1.8	0	0.0	0	0.0
19:00	**33**	0	0.0	32	97.0	1	3.0	0	0.0	0	0.0
20:00	**33**	0	0.0	31	93.9	2	6.1	0	0.0	0	0.0
21:00	**25**	1	4.0	24	96.0	0	0.0	0	0.0	0	0.0
22:00	**9**	0	0.0	9	100.0	0	0.0	0	0.0	0	0.0
23:00	**17**	0	0.0	16	94.1	1	5.9	0	0.0	0	0.0
12H,7-19	**542**	**14**	**2.6**	**475**	**87.6**	**48**	**8.9**	**5**	**0.9**	**0**	**0.0**
16H,6-22	**649**	**15**	**2.3**	**577**	**88.9**	**52**	**8.0**	**5**	**0.8**	**0**	**0.0**
18H,6-24	**675**	**15**	**2.2**	**602**	**89.2**	**53**	**7.9**	**5**	**0.7**	**0**	**0.0**
24H,0-24	**695**	**15**	**2.2**	**622**	**89.5**	**53**	**7.6**	**5**	**0.7**	**0**	**0.0**

19585	MANCHESTER	Site No: 19585001	Location	Ellesmere Street, Manchester (LC 03)
Fri 06-Nov-15 to Thu 12-Nov-15		Channel: Westbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Daily Totals											
Fri 06-Nov-15	**740**	18	2.4	664	89.7	50	6.8	7	1.0	1	0.1
Sat 07-Nov-15	**620**	9	1.5	581	93.7	29	4.7	0	0.0	1	0.2
Sun 08-Nov-15	**521**	7	1.3	493	94.6	21	4.0	0	0.0	0	0.0
Mon 09-Nov-15	**660**	11	1.7	587	88.9	55	8.3	7	1.1	0	0.0
Tue 10-Nov-15	**630**	15	2.4	555	88.1	58	9.2	2	0.3	0	0.0
Wed 11-Nov-15	**629**	16	2.5	548	87.1	55	8.7	9	1.4	1	0.2
Thu 12-Nov-15	**695**	15	2.2	622	89.5	53	7.6	5	0.7	0	0.0
Total Vehicles											
[--]	**4495**	91	2.0	4050	90.2	321	7.1	30	0.6	3	0.1



19585			MANCHESTER				Site No: 19585001				Location	Ellesmere Street, Manchester (LC 03)					
Fri 06-Nov-15 to Thu 12-Nov-15							Channel: Westbound										
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
Fri 06-Nov-15																
00:00	**11**	22.4	19	3.8	0	0	2	6	3	0	0	0	0	0	0	0
01:00	**4**	-	21	9.6	0	0	2	0	1	0	1	0	0	0	0	0
02:00	**3**	-	15.2	3.1	0	0	2	1	0	0	0	0	0	0	0	0
03:00	**3**	-	18.5	5	0	0	1	1	1	0	0	0	0	0	0	0
04:00	**2**	-	18.5	7.1	0	0	1	0	1	0	0	0	0	0	0	0
05:00	**5**	-	23.5	6.3	0	0	0	2	2	0	1	0	0	0	0	0
06:00	**16**	25.4	21	5	0	0	3	4	7	2	0	0	0	0	0	0
07:00	**52**	28.4	22.7	5.3	0	0	4	16	19	10	3	0	0	0	0	0
08:00	**65**	27.6	22	5.3	0	0	6	25	20	12	1	1	0	0	0	0
09:00	**46**	26.4	21.1	5.5	0	0	10	11	17	7	1	0	0	0	0	0
10:00	**34**	24.6	19.7	4.7	0	0	7	15	9	3	0	0	0	0	0	0
11:00	**43**	23.5	17.7	5.7	1	4	10	16	10	2	0	0	0	0	0	0
12:00	**34**	26.3	19.7	6	0	2	7	12	7	6	0	0	0	0	0	0
13:00	**42**	28.7	22.3	6.2	0	0	8	8	16	6	4	0	0	0	0	0
14:00	**46**	25.1	19.3	6.4	0	4	10	14	13	4	0	1	0	0	0	0
15:00	**41**	26.4	20.3	6.2	0	2	7	15	10	5	2	0	0	0	0	0
16:00	**37**	25.6	20.9	5	0	1	4	13	14	5	0	0	0	0	0	0
17:00	**58**	23.6	18.3	5.5	1	3	14	24	13	2	1	0	0	0	0	0
18:00	**49**	27.5	20.7	6.7	0	2	10	15	12	7	2	1	0	0	0	0
19:00	**48**	28.1	22.1	5.6	0	1	3	18	15	8	3	0	0	0	0	0
20:00	**34**	25	20.7	5	0	1	3	14	13	2	1	0	0	0	0	0
21:00	**21**	27.7	21.8	5.7	0	0	3	7	6	4	1	0	0	0	0	0
22:00	**24**	28.4	20.4	8.2	0	3	5	5	5	4	1	1	0	0	0	0
23:00	**22**	24.9	18.5	6.9	0	2	9	1	8	1	1	0	0	0	0	0
12H,7-19	**547**	**26.3**	**20.5**	**5.9**	**2**	**18**	**97**	**184**	**160**	**69**	**14**	**3**	**0**	**0**	**0**	**0**
16H,6-22	**666**	**26.4**	**20.6**	**5.8**	**2**	**20**	**109**	**227**	**201**	**85**	**19**	**3**	**0**	**0**	**0**	**0**
18H,6-24	**712**	**26.4**	**20.6**	**5.9**	**2**	**25**	**123**	**233**	**214**	**90**	**21**	**4**	**0**	**0**	**0**	**0**
24H,0-24	**740**	**26.3**	**20.5**	**5.9**	**2**	**25**	**131**	**243**	**222**	**90**	**23**	**4**	**0**	**0**	**0**	**0**

19585			MANCHESTER				Site No: 19585001				Location	Ellesmere Street, Manchester (LC 03)					
Fri 06-Nov-15 to Thu 12-Nov-15							Channel: Westbound										
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
Sat 07-Nov-15																
00:00	17	25	19.7	5.6	0	1	3	6	5	2	0	0	0	0	0	0
01:00	13	24.3	19.7	5.2	0	1	2	3	7	0	0	0	0	0	0	0
02:00	12	28.1	22.3	6.2	0	1	0	4	3	4	0	0	0	0	0	0
03:00	5	-	19.5	4.4	0	0	1	2	2	0	0	0	0	0	0	0
04:00	7	-	23.5	4.3	0	0	0	2	3	2	0	0	0	0	0	0
05:00	6	-	16	4.4	0	0	4	1	1	0	0	0	0	0	0	0
06:00	6	-	20.2	5.3	0	0	1	3	1	1	0	0	0	0	0	0
07:00	8	-	18.5	4.8	0	0	3	2	3	0	0	0	0	0	0	0
08:00	18	27.8	21.8	5.6	0	0	3	5	5	5	0	0	0	0	0	0
09:00	23	24.9	21.5	5.1	0	0	1	11	9	1	0	1	0	0	0	0
10:00	41	26.3	21.2	5.4	0	1	5	14	14	6	1	0	0	0	0	0
11:00	56	23.5	18.8	4.4	0	2	11	26	16	1	0	0	0	0	0	0
12:00	51	27.8	20.6	6.6	0	3	12	10	14	11	1	0	0	0	0	0
13:00	48	25.5	20.2	5.5	0	2	9	14	17	6	0	0	0	0	0	0
14:00	38	25.8	20.6	5.6	0	3	2	15	12	6	0	0	0	0	0	0
15:00	38	25.4	20.9	5.7	0	2	6	7	19	3	1	0	0	0	0	0
16:00	44	24.9	19.1	5.6	0	2	13	11	14	4	0	0	0	0	0	0
17:00	25	25.1	20.9	5.4	0	0	3	12	7	1	2	0	0	0	0	0
18:00	32	24.7	18.7	5.9	0	0	15	5	9	2	1	0	0	0	0	0
19:00	46	25.5	20.3	5.4	0	1	8	17	14	5	1	0	0	0	0	0
20:00	35	24.5	19.4	5.9	0	1	9	13	9	2	0	1	0	0	0	0
21:00	10	22.7	17	6	0	2	2	3	3	0	0	0	0	0	0	0
22:00	23	26.1	20.7	6.5	0	1	4	8	6	2	2	0	0	0	0	0
23:00	18	24.2	19.6	4.9	0	1	3	5	9	0	0	0	0	0	0	0
12H,7-19	422	25.6	20.2	5.6	0	15	83	132	139	46	6	1	0	0	0	0
16H,6-22	519	25.5	20.1	5.6	0	19	103	168	166	54	7	2	0	0	0	0
18H,6-24	560	25.5	20.1	5.6	0	21	110	181	181	56	9	2	0	0	0	0
24H,0-24	620	25.5	20.1	5.6	0	24	120	199	202	64	9	2	0	0	0	0

19585			MANCHESTER				Site No: 19585001				Location	Ellesmere Street, Manchester (LC 03)					
Fri 06-Nov-15 to Thu 12-Nov-15							Channel: Westbound										
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
Sun 08-Nov-15																
00:00	**15**	23.3	17.2	6.3	0	4	1	5	5	0	0	0	0	0	0	0
01:00	**15**	25.1	19.8	5.7	0	1	2	6	4	2	0	0	0	0	0	0
02:00	**21**	26.9	21.4	6.6	0	0	3	10	4	2	1	1	0	0	0	0
03:00	**14**	24.7	20.6	4.9	0	1	0	6	6	1	0	0	0	0	0	0
04:00	**10**	21	17	4.9	0	1	3	4	2	0	0	0	0	0	0	0
05:00	**5**	-	17.5	4.4	0	0	2	2	1	0	0	0	0	0	0	0
06:00	**10**	26	20.5	6	0	0	3	2	3	2	0	0	0	0	0	0
07:00	**2**	-	18.5	7.1	0	0	1	0	1	0	0	0	0	0	0	0
08:00	**9**	-	21.3	5.8	0	1	0	2	5	1	0	0	0	0	0	0
09:00	**17**	24.9	21.1	5.5	0	1	1	5	9	0	1	0	0	0	0	0
10:00	**32**	26.6	21.3	5	0	0	4	12	10	6	0	0	0	0	0	0
11:00	**24**	25.9	21.2	5.3	0	0	5	5	10	4	0	0	0	0	0	0
12:00	**34**	26.3	21.3	4.9	0	0	4	13	11	6	0	0	0	0	0	0
13:00	**51**	25.7	21.3	5.9	0	3	3	17	21	5	1	1	0	0	0	0
14:00	**35**	24.3	18.8	5.5	0	3	7	12	11	2	0	0	0	0	0	0
15:00	**35**	25.6	19.2	6.5	0	3	9	9	9	4	1	0	0	0	0	0
16:00	**30**	24.3	19.2	5.1	0	1	6	14	6	3	0	0	0	0	0	0
17:00	**35**	24.3	18.8	5.2	0	1	9	16	5	4	0	0	0	0	0	0
18:00	**25**	28.3	22.1	5.5	0	0	3	9	5	8	0	0	0	0	0	0
19:00	**31**	24	19.1	5	0	2	4	15	8	2	0	0	0	0	0	0
20:00	**24**	27.1	20.4	6	0	0	6	9	4	4	1	0	0	0	0	0
21:00	**22**	23.8	19.9	4.9	0	0	3	13	4	1	1	0	0	0	0	0
22:00	**14**	25.6	21.7	5.6	0	1	1	2	8	2	0	0	0	0	0	0
23:00	**11**	22.4	17.6	5.1	0	1	3	4	3	0	0	0	0	0	0	0
12H,7-19	**329**	**25.9**	**20.4**	**5.5**	**0**	**13**	**52**	**114**	**103**	**43**	**3**	**1**	**0**	**0**	**0**	**0**
16H,6-22	**416**	**25.8**	**20.3**	**5.5**	**0**	**15**	**68**	**153**	**122**	**52**	**5**	**1**	**0**	**0**	**0**	**0**
18H,6-24	**441**	**25.8**	**20.2**	**5.5**	**0**	**17**	**72**	**159**	**133**	**54**	**5**	**1**	**0**	**0**	**0**	**0**
24H,0-24	**521**	**25.6**	**20.1**	**5.6**	**0**	**24**	**83**	**192**	**155**	**59**	**6**	**2**	**0**	**0**	**0**	**0**

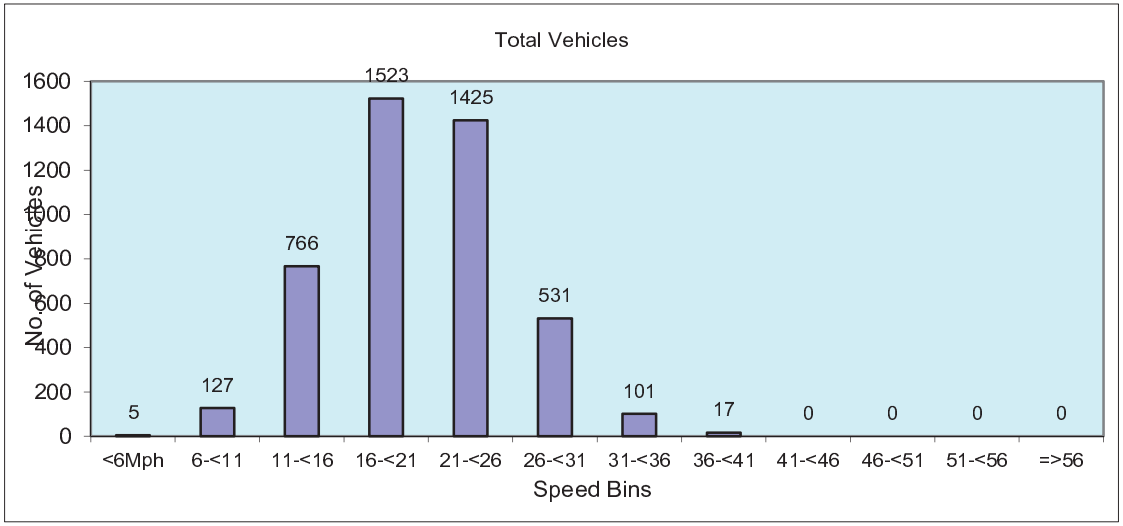
19585			MANCHESTER				Site No: 19585001				Location	Ellesmere Street, Manchester (LC 03)					
Fri 06-Nov-15 to Thu 12-Nov-15							Channel: Westbound										
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
Mon 09-Nov-15																
00:00	**8**	-	19.8	3.8	0	0	1	4	3	0	0	0	0	0	0	0
01:00	**1**	-	18.5	-	0	0	0	1	0	0	0	0	0	0	0	0
02:00	**0**	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	**3**	-	21.8	5.9	0	0	0	2	0	1	0	0	0	0	0	0
04:00	**2**	-	26	3.5	0	0	0	0	1	1	0	0	0	0	0	0
05:00	**4**	-	21	3.2	0	0	0	2	2	0	0	0	0	0	0	0
06:00	**18**	24.8	19.9	5	0	0	4	7	5	2	0	0	0	0	0	0
07:00	**50**	25.8	22.5	4	0	0	1	16	26	6	1	0	0	0	0	0
08:00	**66**	27.1	21.8	5.4	0	0	10	17	26	12	0	1	0	0	0	0
09:00	**50**	27.5	22.2	4.8	0	0	3	19	17	10	1	0	0	0	0	0
10:00	**18**	22	18.8	3.5	0	0	3	11	4	0	0	0	0	0	0	0
11:00	**25**	23.8	18.5	5.2	0	1	7	10	5	2	0	0	0	0	0	0
12:00	**30**	25.5	20.7	6.3	0	1	6	8	11	3	0	1	0	0	0	0
13:00	**29**	25.5	19.4	6.3	0	3	6	7	9	4	0	0	0	0	0	0
14:00	**34**	25.1	20	5.6	1	1	5	10	14	3	0	0	0	0	0	0
15:00	**42**	24.8	19.7	5.1	0	2	6	18	12	4	0	0	0	0	0	0
16:00	**49**	25.4	20.1	5.3	1	0	9	18	15	6	0	0	0	0	0	0
17:00	**58**	24.3	17.7	5.8	1	3	22	15	12	5	0	0	0	0	0	0
18:00	**67**	25.6	20.4	5	0	0	12	28	18	8	1	0	0	0	0	0
19:00	**48**	25.8	21.1	4.8	0	1	4	19	17	7	0	0	0	0	0	0
20:00	**22**	28.3	22.4	5.9	0	1	2	5	7	7	0	0	0	0	0	0
21:00	**19**	23.1	18.8	4.5	0	0	5	9	4	1	0	0	0	0	0	0
22:00	**11**	30.6	23	7.4	0	0	2	3	2	2	2	0	0	0	0	0
23:00	**6**	-	21	3.1	0	0	0	3	3	0	0	0	0	0	0	0
12H,7-19	**518**	**25.7**	**20.4**	**5.4**	**3**	**11**	**90**	**177**	**169**	**63**	**3**	**2**	**0**	**0**	**0**	**0**
16H,6-22	**625**	**25.8**	**20.4**	**5.4**	**3**	**13**	**105**	**217**	**202**	**80**	**3**	**2**	**0**	**0**	**0**	**0**
18H,6-24	**642**	**25.8**	**20.5**	**5.4**	**3**	**13**	**107**	**223**	**207**	**82**	**5**	**2**	**0**	**0**	**0**	**0**
24H,0-24	**660**	**25.8**	**20.5**	**5.4**	**3**	**13**	**108**	**232**	**213**	**84**	**5**	**2**	**0**	**0**	**0**	**0**

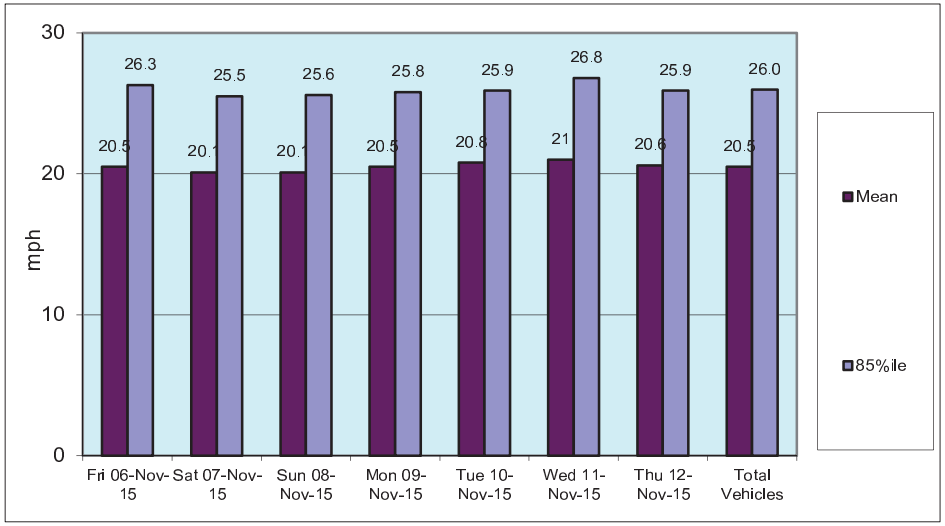
19585			MANCHESTER				Site No: 19585001				Location	Ellesmere Street, Manchester (LC 03)					
Fri 06-Nov-15 to Thu 12-Nov-15							Channel: Westbound										
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
Tue 10-Nov-15																
00:00	4	-	21	6.5	0	0	1	1	1	1	0	0	0	0	0	0
01:00	1	-	23.5	-	0	0	0	0	1	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	-	18.5	1.8	0	0	0	2	0	0	0	0	0	0	0	0
04:00	3	-	16.8	3.1	0	0	1	2	0	0	0	0	0	0	0	0
05:00	6	-	21.8	5.3	0	0	1	1	3	1	0	0	0	0	0	0
06:00	20	30.2	22.5	6.6	0	0	3	6	6	2	3	0	0	0	0	0
07:00	53	25.2	20.4	5.3	0	1	7	24	15	5	0	1	0	0	0	0
08:00	69	25.9	21.3	5	0	1	9	20	29	10	0	0	0	0	0	0
09:00	46	27.6	22.2	5.7	0	1	6	9	20	8	2	0	0	0	0	0
10:00	28	24.7	19.8	5	0	1	5	10	10	2	0	0	0	0	0	0
11:00	29	24.7	20.1	4.9	0	1	4	11	11	2	0	0	0	0	0	0
12:00	23	26.1	21.1	4.7	0	0	2	11	6	4	0	0	0	0	0	0
13:00	37	23.8	18.2	5.7	0	2	12	13	7	2	1	0	0	0	0	0
14:00	26	25	19.8	6.6	0	2	4	11	5	2	2	0	0	0	0	0
15:00	30	27.7	22.2	6.6	0	1	3	9	11	3	2	1	0	0	0	0
16:00	38	26.6	21.1	5	0	0	5	15	11	7	0	0	0	0	0	0
17:00	55	25.1	19.4	5.3	0	1	15	18	15	6	0	0	0	0	0	0
18:00	45	26.6	22.1	5.5	0	0	5	14	18	6	1	1	0	0	0	0
19:00	37	27.2	20.7	6.8	0	2	5	16	7	4	2	1	0	0	0	0
20:00	34	26.4	22.3	4.8	0	0	3	9	16	5	1	0	0	0	0	0
21:00	24	25.5	21.4	5.1	0	0	3	8	10	2	1	0	0	0	0	0
22:00	9	-	17.9	4.2	0	0	3	4	2	0	0	0	0	0	0	0
23:00	11	23.9	19.9	4.2	0	0	2	4	5	0	0	0	0	0	0	0
12H,7-19	479	25.9	20.7	5.5	0	11	77	165	158	57	8	3	0	0	0	0
16H,6-22	594	26	20.9	5.6	0	13	91	204	197	70	15	4	0	0	0	0
18H,6-24	614	25.9	20.8	5.5	0	13	96	212	204	70	15	4	0	0	0	0
24H,0-24	630	25.9	20.8	5.5	0	13	99	218	209	72	15	4	0	0	0	0

19585			MANCHESTER				Site No: 19585001				Location	Ellesmere Street, Manchester (LC 03)					
Fri 06-Nov-15 to Thu 12-Nov-15							Channel: Westbound										
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
Wed 11-Nov-15																
00:00	**10**	26	22	4.9	0	0	1	3	4	2	0	0	0	0	0	0
01:00	**4**	-	21	3.2	0	0	0	2	2	0	0	0	0	0	0	0
02:00	**3**	-	15.2	3.1	0	0	2	1	0	0	0	0	0	0	0	0
03:00	**1**	-	23.5	-	0	0	0	0	1	0	0	0	0	0	0	0
04:00	**5**	-	23.5	6.3	0	0	0	2	2	0	1	0	0	0	0	0
05:00	**7**	-	22.1	7.5	0	0	2	1	2	1	1	0	0	0	0	0
06:00	**17**	29.3	23.5	6.3	0	0	3	3	2	9	0	0	0	0	0	0
07:00	**46**	26.9	21.5	4.8	0	0	4	19	14	9	0	0	0	0	0	0
08:00	**78**	27.5	22.2	5.2	0	0	9	22	31	13	3	0	0	0	0	0
09:00	**34**	26.7	21.9	6	0	1	4	9	14	3	3	0	0	0	0	0
10:00	**23**	27.3	21.8	5.9	0	1	2	7	8	4	1	0	0	0	0	0
11:00	**30**	29	21.3	6.8	0	0	8	8	6	5	3	0	0	0	0	0
12:00	**31**	23	17.9	4.8	0	1	11	11	7	1	0	0	0	0	0	0
13:00	**29**	27	20.9	6.4	0	3	3	6	11	6	0	0	0	0	0	0
14:00	**33**	25	19.6	6	0	2	8	8	12	2	1	0	0	0	0	0
15:00	**37**	28.8	22.8	6.4	0	1	4	8	14	7	2	1	0	0	0	0
16:00	**43**	25.2	19.5	5.7	0	1	12	13	12	4	1	0	0	0	0	0
17:00	**64**	25.1	19.3	5.3	0	1	19	20	17	7	0	0	0	0	0	0
18:00	**43**	25.8	21.2	5	0	0	8	10	19	6	0	0	0	0	0	0
19:00	**32**	24.6	20.5	5.3	0	1	3	14	12	0	2	0	0	0	0	0
20:00	**13**	27.4	23.1	5	0	0	0	5	5	2	1	0	0	0	0	0
21:00	**20**	26.8	21.3	6.1	0	0	2	11	3	3	0	1	0	0	0	0
22:00	**15**	25.4	21.5	4.4	0	0	1	6	6	2	0	0	0	0	0	0
23:00	**11**	25.3	21.2	6.6	0	0	3	2	4	1	1	0	0	0	0	0
12H,7-19	**491**	**26.6**	**20.9**	**5.7**	**0**	**11**	**92**	**141**	**165**	**67**	**14**	**1**	**0**	**0**	**0**	**0**
16H,6-22	**573**	**26.8**	**21**	**5.7**	**0**	**12**	**100**	**174**	**187**	**81**	**17**	**2**	**0**	**0**	**0**	**0**
18H,6-24	**599**	**26.8**	**21**	**5.7**	**0**	**12**	**104**	**182**	**197**	**84**	**18**	**2**	**0**	**0**	**0**	**0**
24H,0-24	**629**	**26.8**	**21**	**5.7**	**0**	**12**	**109**	**191**	**208**	**87**	**20**	**2**	**0**	**0**	**0**	**0**

19585			MANCHESTER				Site No: 19585001				Location	Ellesmere Street, Manchester (LC 03)					
Fri 06-Nov-15 to Thu 12-Nov-15							Channel: Westbound										
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
Thu 12-Nov-15																
00:00	5	-	22.5	6.6	0	0	1	1	1	2	0	0	0	0	0	0
01:00	3	-	25.2	14.5	0	1	0	0	0	0	2	0	0	0	0	0
02:00	5	-	25.5	4.6	0	0	0	1	1	3	0	0	0	0	0	0
03:00	3	-	18.5	1.7	0	0	0	3	0	0	0	0	0	0	0	0
04:00	2	-	23.5	7.1	0	0	0	1	0	1	0	0	0	0	0	0
05:00	2	-	21	3.5	0	0	0	1	1	0	0	0	0	0	0	0
06:00	16	24.1	19.8	4.5	0	0	3	7	5	1	0	0	0	0	0	0
07:00	53	25.7	21.8	4.7	0	0	4	19	23	5	2	0	0	0	0	0
08:00	70	28.3	22.2	5.7	0	0	9	21	24	11	5	0	0	0	0	0
09:00	44	25.9	21.5	4.7	0	0	5	15	17	7	0	0	0	0	0	0
10:00	26	25.3	20.4	5.1	0	0	6	7	10	3	0	0	0	0	0	0
11:00	44	23.9	18.8	5.2	0	2	10	18	12	1	1	0	0	0	0	0
12:00	31	25.9	19.8	5.4	0	0	8	12	6	5	0	0	0	0	0	0
13:00	46	25.5	20.2	5.2	0	1	8	17	14	6	0	0	0	0	0	0
14:00	40	25.5	20.5	5.9	0	2	6	13	14	3	2	0	0	0	0	0
15:00	33	25.3	21.4	5.6	0	1	3	12	12	3	2	0	0	0	0	0
16:00	49	25.7	20.5	6	0	2	8	17	15	4	3	0	0	0	0	0
17:00	51	21.6	17.1	5	0	2	22	18	7	1	1	0	0	0	0	0
18:00	55	25.5	20.2	5.4	0	1	11	19	17	6	1	0	0	0	0	0
19:00	33	27.3	22.4	5	0	0	3	9	14	6	1	0	0	0	0	0
20:00	33	25.3	20	6	0	3	3	13	10	3	1	0	0	0	0	0
21:00	25	25.6	21.3	5	0	0	2	12	7	3	1	0	0	0	0	0
22:00	9	-	21.3	7.2	0	0	1	5	2	0	0	1	0	0	0	0
23:00	17	24.7	19.7	6.1	0	1	3	7	4	1	1	0	0	0	0	0
12H,7-19	542	25.7	20.4	5.5	0	11	100	188	171	55	17	0	0	0	0	0
16H,6-22	649	25.8	20.5	5.5	0	14	111	229	207	68	20	0	0	0	0	0
18H,6-24	675	25.7	20.5	5.5	0	15	115	241	213	69	21	1	0	0	0	0
24H,0-24	695	25.9	20.6	5.5	0	16	116	248	216	75	23	1	0	0	0	0

19585		MANCHESTER			Site No: 19585001			Location	Ellesmere Street, Manchester (LC 03)						
Fri 06-Nov-15 to Thu 12-Nov-15					Channel: Westbound										
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
Daily Totals																
Fri 06-Nov-15	**740**	26.3	20.5	5.9	2	25	131	243	222	90	23	4	0	0	0	0
Sat 07-Nov-15	**620**	25.5	20.1	5.6	0	24	120	199	202	64	9	2	0	0	0	0
Sun 08-Nov-15	**521**	25.6	20.1	5.6	0	24	83	192	155	59	6	2	0	0	0	0
Mon 09-Nov-15	**660**	25.8	20.5	5.4	3	13	108	232	213	84	5	2	0	0	0	0
Tue 10-Nov-15	**630**	25.9	20.8	5.5	0	13	99	218	209	72	15	4	0	0	0	0
Wed 11-Nov-15	**629**	26.8	21	5.7	0	12	109	191	208	87	20	2	0	0	0	0
Thu 12-Nov-15	**695**	25.9	20.6	5.5	0	16	116	248	216	75	23	1	0	0	0	0
Total Vehicles																
[--]	**4495**	26.0	20.5	5.6	5	127	766	1523	1425	531	101	17	0	0	0	0

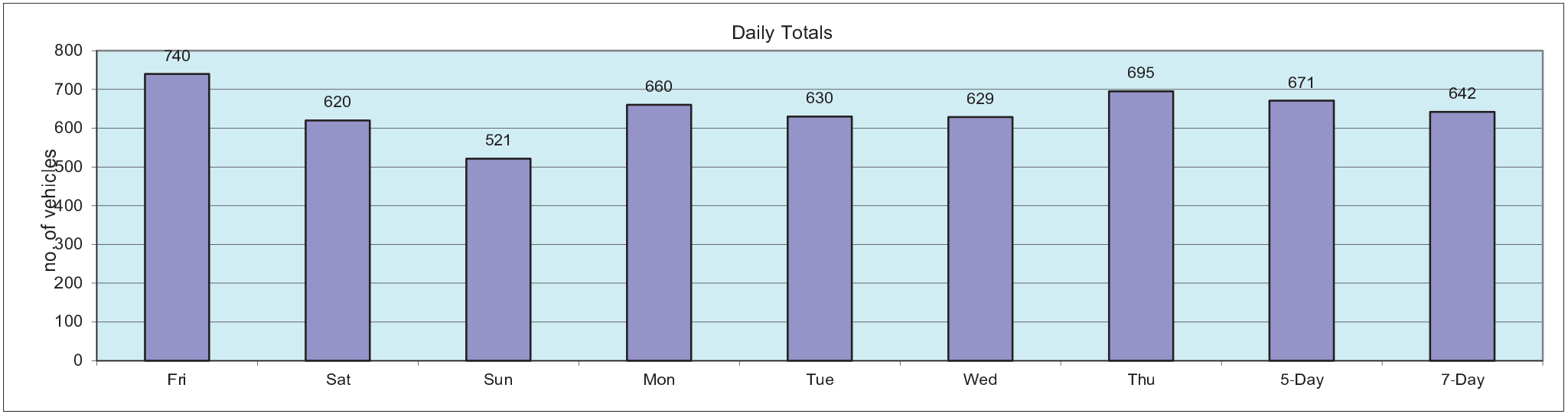




19585		MANCHESTER		Site No: 19585001 Channel: Westbound		Location	Ellesmere Street, Manchester (LC 03)		
TIME PERIOD	Fri 06/11/15	Sat 07/11/15	Sun 08/11/15	Mon 09/11/15	Tue 10/11/15	Wed 11/11/15	Thu 12/11/15	5-Day Av	7-Day Av
Week Begin: 06-Nov-15									
00:00	**11**	17	15	8	4	10	5	8	10
01:00	**4**	13	15	1	1	4	3	3	6
02:00	**3**	12	21	0	0	3	5	2	6
03:00	**3**	5	14	3	2	1	3	2	4
04:00	**2**	7	10	2	3	5	2	3	4
05:00	**5**	6	5	4	6	7	2	5	5
06:00	**16**	6	10	18	20	17	16	17	15
07:00	**52**	8	2	50	53	46	53	51	38
08:00	**65**	18	9	66	69	78	70	70	54
09:00	**46**	23	17	50	46	34	44	44	37
10:00	**34**	41	32	18	28	23	26	26	29
11:00	**43**	56	24	25	29	30	44	34	36
12:00	**34**	51	34	30	23	31	31	30	33
13:00	**42**	48	51	29	37	29	46	37	40
14:00	**46**	38	35	34	26	33	40	36	36
15:00	**41**	38	35	42	30	37	33	37	37
16:00	**37**	44	30	49	38	43	49	43	41
17:00	**58**	25	35	58	55	64	51	57	49
18:00	**49**	32	25	67	45	43	55	52	45
19:00	**48**	46	31	48	37	32	33	40	39
20:00	**34**	35	24	22	34	13	33	27	28
21:00	**21**	10	22	19	24	20	25	22	20
22:00	**24**	23	14	11	9	15	9	14	15
23:00	**22**	18	11	6	11	11	17	13	14
12H,7-19	**547**	**422**	**329**	**518**	**479**	**491**	**542**	**515**	**475**
16H,6-22	**666**	**519**	**416**	**625**	**594**	**573**	**649**	**621**	**577**
18H,6-24	**712**	**560**	**441**	**642**	**614**	**599**	**675**	**648**	**606**
24H,0-24	**740**	**620**	**521**	**660**	**630**	**629**	**695**	**671**	**642**
Am	**08:00**	**11:00**	**10:00**	**08:00**	**08:00**	**08:00**	**08:00**	**-**	**-**
Peak	**65**	**56**	**32**	**66**	**69**	**78**	**70**	**70**	**62**
Pm	**17:00**	**12:00**	**13:00**	**18:00**	**17:00**	**17:00**	**18:00**	**-**	**-**
Peak	**58**	**51**	**51**	**67**	**55**	**64**	**55**	**60**	**57**

19585	MANCHESTER	Site No: 19585001	Location	Ellesmere Street, Manchester (LC 03)
		Channel: Westbound		

TIME PERIOD	Fri 06/11/15	Sat 07/11/15	Sun 08/11/15	Mon 09/11/15	Tue 10/11/15	Wed 11/11/15	Thu 12/11/15	5-Day Av	7-Day Av



Classification Schemes

Scheme F Classification Scheme (Non-metric)

Scheme F is an attempt to implement the FWHA's visual classification scheme as an axle-based classification scheme. This is one of several interpretations.

Class	Vehicle Type	No. of Axles	Axle spacing in feet				
			Axle 1 to 2	Axle 2 to 3	Axle 3 to 4	Axle 4 to 5	Axle 5 to 6
1	motorcycle	2	<6.0				
2	passenger car	2	6.0 - 10.0				
	car + 1 axle trailer	3	<10.0	10.0 - 18.0			
	car + 2 axle trailer	4	<10.0		<3.5		
3	pickup	2	10.0 - 15.0				
	pickup + 1 axle trailer	3	10.0 - 15.0	10.0 - 18.0			
	pickup + 2 axle trailer	4	10.0 -15.0		<3.5		
	pickup + 3 axle trailer	5	9.9 - 15.0			<3.5	
4	Traditional bus/coach	2	>20.0				
	Traditional bus/coach	3	>19.0				
5	single unit truck/bus - dual rear axle	2	14.9 - 20.0			<3.5	
6	3 axle truck	3		<18.0			
7	4 axle truck	4					
8	2S1	3		>18.0			
	2S2	4		>5.0	>3.5		
	3S1	4		<5.0	>10.0		
9	3S2	5		<6.1		3.5 - 8.0	
	5 axle combination	5					
10	6 axle combination	6			3.5 - 5.0		
	3S3	6					
11	2S1-2	5		>6.0			
12	3S1-2	6					>10.0
13	truck	7 or more					

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Appendix C

Castlefield House, 29 Ellesmere Street, Manchester M15 4LZ
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TRANSPORT FOR GREATER MANCHESTER



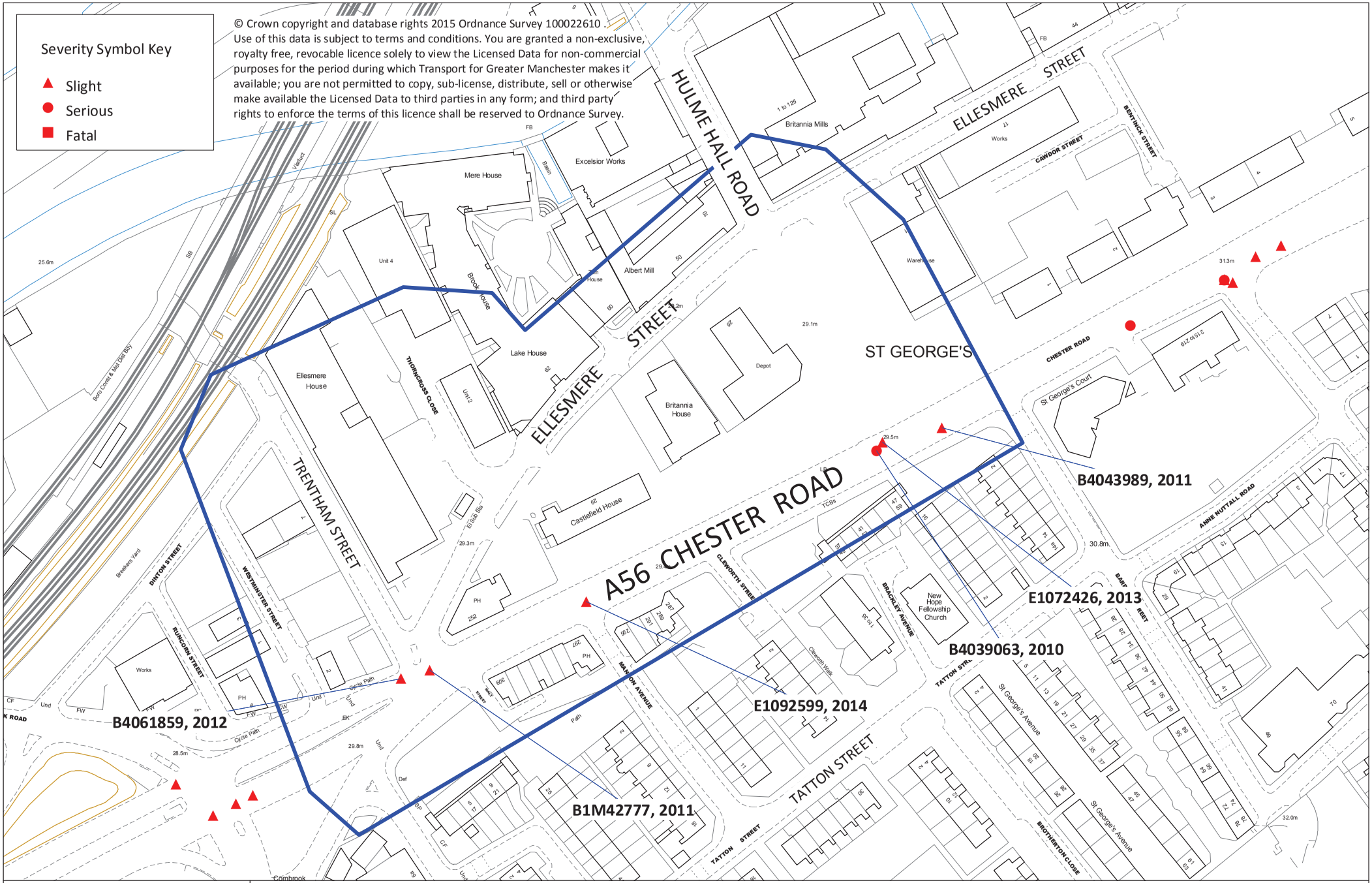
Traffic Accident Data for

David Tucker Associates

Jacqueline Samuel

Forester House,
Doctors Lane,
Henley in Arden
Warwickshire
B95 5AW

Reported Road Injury Accidents in the Specified Area of Chester Road, Ellesmere Street and Hulme Hall Road, St George's, Manchester: 01/09/2010 - 31/08/2015



Transport for Greater Manchester
2 Piccadilly Place,
Manchester,
M1 3BG

Reported Road Injury Accidents in the Specified Area of Chester Road, Ellesmere Street and Hulme Hall Road, St George's, Manchester: 01/09/2010 - 31/08/2015

Drawn By : R. Beesley

Note: A road accident which occurs at or within 20m of a junction, is coded as a junction accident

Date : 12/11/2015

TRANSPORT FOR GREATER MANCHESTER



Reported Road Injury Accidents in the Specified Area of
Chester Road, Ellesmere Street and Hulme Hall Road, St George's, Manchester:
01/09/2010 - 31/08/2015

Severity	Sept – Dec 2010	2011	2012	2013	2014	Jan - Aug 2015	Total
Fatal	0	0	0	0	0	0	**0**
Serious	1	0	0	0	0	0	**1**
Slight	0	2	1	1	1	0	**5**
Total	**1**	**2**	**1**	**1**	**1**	**0**	**6**

Standard Totals Report : Reported Road Injury Accidents in the Specified Area of Chester Road, Ellesmere Street and Hulme Hall Road, St George's, Manchester: 01/09/2010 - 31/08/2015

Accidents

Serious	1
Slight	5
Total Accidents	**6**

Casualties Broken Down By Type

Car (Driver)	**0-15**	**16+**	**Total**
Slight	0	3	3
Total	**0**	**3**	**3**
Pedestrian	**0-15**	**16+**	**Total**
Slight	0	1	1
Total	**0**	**1**	**1**
TWPV (Rider)	**0-15**	**16+**	**Total**
Serious	0	1	1
Slight	0	1	1
Total	**0**	**2**	**2**
Cyclist (Rider)	**0-15**	**16+**	**Total**
Slight	0	1	1
Total	**0**	**1**	**1**
Total	**0**	**7**	**7**

Casualties By Age and Sex

Severity	0 - 15	16 - 59	60 - 69	70 +	Total
Serious					
Male	0	1	0	0	1
Total	**0**	**1**	**0**	**0**	**1**
Slight					
Male	0	5	0	0	5
Female	0	1	0	0	1
Total	**0**	**6**	**0**	**0**	**6**
Total Casualties	**0**	**7**	**0**	**0**	**7**

Casualties By Age and Class

Severity	0 - 15	16 - 59	60 - 69	70 +	Total
Serious					
Driver or rider	0	1	0	0	1
Total	**0**	**1**	**0**	**0**	**1**
Slight					
Driver or rider	0	5	0	0	5
Pedestrian	0	1	0	0	1
Total	**0**	**6**	**0**	**0**	**6**
Total Casualties	**0**	**7**	**0**	**0**	**7**

Cyclist (Rider and Pillion) and Pedestrian Casualties By Age

Severity	0 - 15	16 - 59	60 - 69	70 +	Total
Slight	0	2	0	0	2
Total Casualties	**0**	**2**	**0**	**0**	**2**

Standard Report - Reported Road Injury Accidents in the Specified Area of Chester Road, Ellesmere Street and Hulme Hall Road, St George's, Manchester: 01/09/2010 - 31/08/2015

This printout has been generated from the Transport for Greater Manchester's database of road traffic accident records using the query system, GMAXI.

The road traffic accident database contains STATS19 data supplied by Greater Manchester Police and further validated by the Highways Forecasting and Analytical Services (HFAS) section of Transport for Greater Manchester. It is maintained by HFAS on behalf of the ten District Councils in Greater Manchester.

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Accident Reference Number: B4061859 **Day:** Monday **Date:** 25/06/2012 **Time** 00:59

Place Reported: Scene **District:** Manchester

Location: Bridgewater Way at junction with Ellesmere Street

Description: Ped Walks Onto Main C/w Into Path Of V And Collide

Locational Details

Road:	A56/U		Junction Details:	Tjun	
OSGR:	382482	397034	Junction Control:	GW	
Speed Limit:	30		Ped Crossing:	Ref	

Conditions

Road Surface:	Dry
Light Conditions:	Dark
Weather Conditions:	Fine

Accident Details

Severity:	Slight
No. of Vehicles:	1
No. of Casualties:	1

Contributory Factors

Factor	Conf	Ref
PDrugs	VLike	C1
PJudg	VLike	C1
DFast	Poss	V1
DFLoo	Poss	V1

Vehicle Details

Type	Move	From	To	Skid
Car	Ahea	SW	NE	

Casualty Details

Type	Sex	Age	Sev	Pupil
1 Ped	F	25	Slight	

Accident Reference Number: B1M42777 **Day:** Wednesday **Date:** 16/02/2011 **Time** 09:07

Place Reported: Scene **District:** Manchester

Location: Chester Road at junction with Ellesmere Street

Description: V1 Enters Chester Rd From Ellesmere St To T/r And Colls V2 Trav N/e On Chester Road

Locational Details

Road:	A56/U		Junction Details:	Mult	
OSGR:	382492	397037	Junction Control:	GW	
Speed Limit:	30		Ped Crossing:		

Conditions

Road Surface:	Wet
Light Conditions:	Light
Weather Conditions:	Fine

Accident Details

Severity:	Slight
No. of Vehicles:	2
No. of Casualties:	1

Contributory Factors

Factor	Conf	Ref
DTurn	Poss	V1
DFLoo	Poss	V1

Vehicle Details

Type	Move	From	To	Skid
m/cl	Start	NE	W	
othr	Waitg	W	E	

Casualty Details

Type	Sex	Age	Sev	Pupil
1 Rid	M	23	Slight	

Accident Reference Number: E1092599 **Day:** Friday **Date:** 17/10/2014 **Time** 12:25

Place Reported: Scene **District:** Manchester

Location: Chester Road at junction with Manson Avenue

Description: Both Vehicles Travel Sw On Chester Rd. V1 Slows To Perform U Turn And V2 Collides With V1 Mid Action.

Locational Details

Road:	A56/U	Junction Details:	Tjun	
OSGR:	382547	397061	Junction Control:	GW
Speed Limit:	30		Ped Crossing:	PelX

Conditions

Road Surface:	Dry
Light Conditions:	Light
Weather Conditions:	Fine

Accident Details

Severity:	Slight
No. of Vehicles:	2
No. of Casualties:	2

Contributory Factors

Factor	Conf	Ref
DTurn	VLike	V1
DJudg	VLike	V1

Vehicle Details

Type	Move	From	To	Skid
Car	Uturn	NE	NE	
Car	Ahea	NE	SW	

Casualty Details

Type	Sex	Age	Sev	Pupil
1 Drv	M	32	Slight	
2 Drv	M	33	Slight	

Accident Reference Number: B4039063 **Day:** Thursday **Date:** 18/11/2010 **Time** 10:08

Place Reported: Scene **District:** Manchester

Location: Chester Road at junction with Hulme Hall Road

Description: Veh1 Trav N Behind Veh2 Which Pulls Over And Collision Occurs

Locational Details

Road:	A56/U	Junction Details:	Tjun	
OSGR:	382649	397114	Junction Control:	GW
Speed Limit:	30		Ped Crossing:	

Conditions

Road Surface:	Dry
Light Conditions:	Light
Weather Conditions:	N/A

Accident Details

Severity:	Serious
No. of Vehicles:	2
No. of Casualties:	1

Contributory Factors

Factor	Conf	Ref
DLearn	VLike	V1
DFLoo	VLike	V1

Vehicle Details

Type	Move	From	To	Skid
m/s	Ahea	SW	NE	
Car	wtgTR	SW	NE	

Casualty Details

Type	Sex	Age	Sev	Pupil
1 Rid	M	20	Serious	

Accident Reference Number: E1072426 **Day:** Thursday **Date:** 18/04/2013 **Time** 14:50

Place Reported: Scene **District:** Manchester

Location: Chester Road at junction with Hulme Hall Road

Description: Veh1 Exits Hulme Hall Rd Turning Left Onto Chester Rd But Fails To See Veh2 App From His R And Pulls Out In Front Of It

Locational Details

Road:	A56/U	Junction Details:	Tjun	
OSGR:	382651	397117	Junction Control:	GW
Speed Limit:	30		Ped Crossing:	

Conditions

Road Surface:	Wet
Light Conditions:	Light
Weather Conditions:	Rain

Accident Details

Severity:	Slight
No. of Vehicles:	2
No. of Casualties:	1

Contributory Factors

Factor	Conf	Ref
DFLoo	VLike	V1

Vehicle Details

Type	Move	From	To	Skid
Car	TurnL	NW	NE	
p/c	Ahea	SW	NE	

Casualty Details

Type	Sex	Age	Sev	Pupil
1 Rid	M	44	Slight	

Accident Reference Number: B4043989 **Day:** Monday **Date:** 21/03/2011 **Time** 19:25

Place Reported: Scene **District:** Manchester

Location: Chester Road 20 metres E of Hulme Hall Rd

Description: V1 Staty Facing Sth/wst V2 Trav Sth/wst When V1 Pulls Away From Kerbside And Coll Occurs

Locational Details

Road:	A56/U	Junction Details:	Tjun	
OSGR:	382672	397122	Junction Control:	GW
Speed Limit:	30		Ped Crossing:	

Conditions

Road Surface:	Dry
Light Conditions:	Dark
Weather Conditions:	Fine

Accident Details

Severity:	Slight
No. of Vehicles:	2
No. of Casualties:	1

Contributory Factors

Factor	Conf	Ref
DTurn	Poss	V1
DFLoo	Poss	V1
DJudg	Poss	V1
DSpee	Poss	V2

Vehicle Details

Type	Move	From	To	Skid
Car	Start	NE	SW	
Car	Ahea	NE	SW	

Casualty Details

Type	Sex	Age	Sev	Pupil
1 Drv	M	51	Slight	

Abbreviations used in GMAXI Reports for New Contributory Factors - 2005/06

WARNING: Please note that -
Codes 101 to 999 only relate to accidents from 1 April 2005. - New National Factors introduced by DfT
Codes 1001 to 1154 relate to accidents from 1 April 1999 to 31 March 2005 only. - Local Factors introduced
Accidents before 1 April 1999 do not have contributory factors attached.

Code	ContribFactor1Name	ContribFactor1Abb
0	None	
101	Poor or defective road surface	Surf
102	Deposit on road (eg oil, mud, chippings)	Dposit
103	Slippery road (due to weather)	Slip
104	Inadequate/masked signs or road markings	Mark
105	Defective traffic signals	DefATS
106	Traffic calming (eg speed cushions, road humps, chicanes)	TCalm
107	Temporary road layout (eg contraflow)	TmpRd
108	Road layout (eg bend, hill, narrow carriageway)	RdLay
109	Animal or object in carriageway	ObjInC
201	Tyres illegal, defective or under inflated	VTyres
202	Defective lights or indicators	VLight
203	Defective brakes	VBrake
204	Defective steering or suspension	VSteer
205	Defective or missing mirrors	VMirr
206	Overloaded or poorly loaded vehicle or trailer	VLoad
301	Disobeyed automatic traffic signal	DATS
302	Disobeyed Give Way or Stop sign or markings	DGWorS
303	Disobeyed double white line	DWhite
304	Disobeyed pedestrian crossing facility	DPedX
305	Illegal turn or direction of travel	DITurn
306	Exceeding speed limit	DSpeed
307	Travelling too fast for conditions	DFast
308	Following too close	DTgate
309	Vehicle travelling along pavement	DPave
310	Cyclist entering road from pavement	DCPave
401	Junction overshoot	DJnOvr
402	Junction restart	DJnRst
403	Poor turn or manoeuvre	DTurn
404	Failed to signal/misleading signal	DSign
405	Failed to look properly	DFLook
406	Failed to judge other person's path or speed	DJudge
407	Passing too close to cyclist, horse rider or pedestrian	DClose
408	Sudden braking	DBrake
409	Swerved	DSwerv
410	Loss of control	DLossC
501	Impaired by alcohol	DAlcoh
502	Impaired by drugs (illicit or medicinal)	DDrugs
503	Fatigue	DTired
504	Uncorrected, defective eyesight	DEye
505	Illness or disability, mental or physical	DIlIns
506	Not displaying lights at night or in poor visibility	DNoLit
507	Cyclist wearing dark clothing at night	DCDark
508	Driver using mobile phone	DMobPh
509	Distraction in vehicle	DDisIn
510	Distraction outside vehicle	DDisOu
601	Aggressive driving	DAggre
602	Careless/reckless/in a hurry	DCare

603	Nervous/uncertain/panic	DPanic
604	Driving too slow or conditions or slow vehicle (eg tractor)	DSlow
605	Learner or inexperienced driver/rider	DLearn
606	Inexperience of driving on the left	DInDrL
607	Inexperience with type of vehicle	DInVeh
701	Stationary or parked vehicle(s)	DStat
702	Vegetation	DVeg
703	Road layout (eg bend, winding road, hill crest)	DRdLay
704	Buildings, road signs, street furniture	DBuild
705	Dazzling headlights	DHLigt
706	Dazzling sun	DSun
707	Rain, sleet, snow, or fog	DRain
708	Spray from other vehicles	DFog
709	Visor or windscreen dirty or scratched	DSpray
710	Vehicle blind spot	DWscrn
801	Crossed road masked by stationary or parked vehicle	PXMask
802	Failed to look properly	PFLook
803	Failed to judge vehicle's path or speed	PJudge
804	Wrong use of pedestrian crossing facility	PPedX
805	Dangerous action in carriageway (eg playing)	PDange
806	Impaired by alcohol	PAlcoh
807	Impaired by drugs (illicit or medicinal)	PDrugs
808	Careless/reckless/in a hurry	PCare
809	Pedestrian wearing dark clothing at night	PCloth
810	Disability or illness, mental or physical	PIlIns
901	Stolen vehicle	StoVeh
902	Vehicle in course of crime	VCrime
903	Emergency vehicle on call	EmVeh
904	Vehicle door opened or closed negligently	VDoor
999	Other	Other
1001	Failed to stop (mandatory sign)	Fstop
1002	Failed to give way	Fgive
1003	Failed to avoid pedestrian (pedestrian not to blame)	FAPed
1004	Failed to avoid vehicle or object in carriageway	FAObj
1005	Failure to signal/misleading signal	Fsig
1006	Loss of control of vehicle	Loss
1007	Pedestrian entered carriageway without due care	Ped
1008	Passenger fell in or near PSV	Pfell
1009	Swerved to avoid object in carriageway	Swerv
1010	Sudden braking	Brake
1011	Poor turn/manoeuvre	Turn
1012	Poor overtaking	Over
1013	Drove wrong way (e.g. 1-way street)	1Way
1014	Opening door carelessly	Door
1015	Other	Other
1101	Impairment alcohol	Alcoh
1102	Impairment drugs	Drugs
1103	Impairment fatigue	Tired
1104	Impairment illness	Ill
1105	Distraction stress/emotional state of mind	Stress
1106	Distraction physical in/on vehicle	DPhIn
1107	Distraction physical outside vehicle	DPhOut
1108	Behaviour panic	Panic
1109	Behaviour careless/thoughtless/reckless	Care
1110	Behaviour nervous/uncertain	Nerve
1111	Behaviour in a hurry	Hurry

1112	Failure to judge other person's path or speed	Fjudg
1113	Disability	Disab
1114	Failed to look	F2look
1115	Looked but did not see	Nsee
1116	Inattention	Inatt
1117	Person hit wore dark or inconspicuous clothing	Cloth
1118	Other (Personal details)	Pother
1119	Crossed from behind parked vehicle etc	Cross
1120	Ignored lights at crossing	Xlight
1121	Excessive Speed	Speed
1122	Following too close	Tgate
1123	Inexperience of driving	InDri
1124	Inexperience of vehicle	InVeh
1125	Interaction or competition with other road users	Users
1126	Aggressive driving	Aggr
1127	Lack of judgement of own path	Judge
1128	Tyres wrong pressure	Press
1129	Tyres deflation before impact	Deflat
1130	Tyres worn/insufficient tread	Tread
1131	Defective lights or signals	Signal
1132	Defective brakes	Brakes
1133	Other (Vehicle defects)	Vother
1134	Site details poor road surface	Surf
1135	Site details poor/no street lighting	Lightg
1136	Site details inadequate signing	Sign
1137	Site details steep hill	Hill
1138	Site details narrow road	Narr
1139	Site details bend/winding road	Rbend
1140	Site details roadworks	Works
1141	Slippery road	Slip
1142	High winds	Winds
1143	Earlier accident	Earli
1144	Other (Local conditions)	Lother
1145	View windows obscured	Obs
1146	View glare from sun	Glare
1147	View glare from headlights	Head
1148	Surroundings bend/winding road	Bend
1149	Surroundings stationary parked vehicle	Stat
1150	Surroundings moving vehicle	Move
1151	Surroundings buildings, fences, vegetation etc	Fence
1152	Weather (e.g. mist or sleet)	Weath
1153	Failed to see pedestrian or vehicle in blindspot	Blind
1154	Animal out of control	Animal
9999	GMP Out of Range	OoR

Shepherd Gilmour
Consulting Engineers

Appendix D

Castlefield House, 29 Ellesmere Street, Manchester M15 4LZ
(44)0161 837 1500
www.shepherd-gilmour.co.uk

Calculation Reference: AUDIT-623801-151113-1122

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
Category : A - OFFICE

MULTI-MODAL VEHICLES

Selected regions and areas:

02	**SOUTH EAST**		
	BD	BEDFORDSHIRE	1 days
	ES	EAST SUSSEX	1 days
	HF	HERTFORDSHIRE	2 days
	KC	KENT	2 days
	SO	SLOUGH	2 days
03	**SOUTH WEST**		
	BR	BRISTOL CITY	1 days
	CW	CORNWALL	1 days
	DC	DORSET	2 days
04	**EAST ANGLIA**		
	CA	CAMBRIDGESHIRE	1 days
	NF	NORFOLK	1 days
	SF	SUFFOLK	1 days
06	**WEST MIDLANDS**		
	WK	WARWICKSHIRE	1 days
	WM	WEST MIDLANDS	2 days
08	**NORTH WEST**		
	GM	GREATER MANCHESTER	1 days
	MS	MERSEYSIDE	1 days
09	**NORTH**		
	TV	TEES VALLEY	1 days

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

Filtering Stage 2 selection:

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

Parameter:	Gross floor area
Actual Range:	610 to 12200 (units: sqm)
Range Selected by User:	186 to 70291 (units: sqm)

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/07 to 02/10/14

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

Selected survey days:

Monday	2 days
Tuesday	3 days
Wednesday	4 days
Thursday	9 days
Friday	3 days

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

Selected survey types:

Manual count	21 days
Directional ATC Count	0 days

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

Selected Locations:

Town Centre	7
Edge of Town Centre	14

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

Selected Location Sub Categories:

Commercial Zone	5
Residential Zone	1
Built-Up Zone	12
High Street	1
No Sub Category	2

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

Filtering Stage 3 selection:

Use Class:

A1	1 days
B1	20 days

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

Filtering Stage 3 selection (Cont.):

Population within 1 mile:

5,001 to 10,000	2 days
10,001 to 15,000	3 days
15,001 to 20,000	6 days
25,001 to 50,000	10 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	5 days
50,001 to 75,000	2 days
125,001 to 250,000	9 days
250,001 to 500,000	1 days
500,001 or More	4 days

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

Car ownership within 5 miles:

0.5 or Less	1 days
0.6 to 1.0	8 days
1.1 to 1.5	10 days
1.6 to 2.0	2 days

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

Travel Plan:

Yes	9 days
No	12 days

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

LIST OF SITES relevant to selection parameters

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

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

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

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

3 **CA-02-A-03** **OFFICE** **CAMBRIDGESHIRE**
NEW ROAD

PETERBOROUGH
Edge of Town Centre
Built-Up Zone
Total Gross floor area: 5750 sqm
Survey date: THURSDAY *08/05/08* *Survey Type: MANUAL*

4 **CW-02-A-02** **INLAND REVENUE** **CORNWALL**
TRINITY STREET

ST AUSTELL
Edge of Town Centre
Built-Up Zone
Total Gross floor area: 4850 sqm
Survey date: FRIDAY *08/06/07* *Survey Type: MANUAL*

5 **DC-02-A-08** **OFFICE** **DORSET**
STATION APPROACH

DORCHESTER
Edge of Town Centre
No Sub Category
Total Gross floor area: 1550 sqm
Survey date: THURSDAY *03/07/08* *Survey Type: MANUAL*

6 **DC-02-A-09** **COUNCIL OFFICES** **DORSET**
THE GROVE

DORCHESTER
Edge of Town Centre
Built-Up Zone
Total Gross floor area: 11664 sqm
Survey date: MONDAY *28/11/11* *Survey Type: MANUAL*

LIST OF SITES relevant to selection parameters (Cont.)

7 **ES-02-A-10** **DISTRICT COUNCIL** **EAST SUSSEX**
VICARAGE LANE

HAILSHAM
Edge of Town Centre
Built-Up Zone
Total Gross floor area: 3640 sqm
Survey date: TUESDAY *24/09/13* *Survey Type: MANUAL*

8 **GM-02-A-07** **LAW OFFICES** **GREATER MANCHESTER**
MOSELEY STREET

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

9 **HF-02-A-03** **OFFICE** **HERTFORDSHIRE**
60 VICTORIA STREET

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

10 **HF-02-A-04** **OFFICES** **HERTFORDSHIRE**
STATION WAY

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

11 **KC-02-A-09** **COUNCIL OFFICES** **KENT**
SANDLING ROAD

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

12 **KC-02-A-10** **COUNCIL OFFICES** **KENT**
SANDLING ROAD

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

13 **MS-02-A-01** **OFFICES** **MERSEYSIDE**
CASTLE STREET

LIVERPOOL
Town Centre
Commercial Zone
Total Gross floor area: 9000 sqm
Survey date: TUESDAY *19/06/07* *Survey Type: MANUAL*

LIST OF SITES relevant to selection parameters (Cont.)

14 **NF-02-A-01** **COUNCIL OFFICE** **NORFOLK**
CHAPEL STREET

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

15 **SF-02-A-02** **OFFICES** **SUFFOLK**
BATH STREET

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

16 **SO-02-A-01** **COUNCIL OFFICES** **SLOUGH**
HIGH STREET

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

17 **SO-02-A-02** **COUNCIL OFFICES** **SLOUGH**
BATH ROAD

SLOUGH
Edge of Town Centre
Built-Up Zone
Total Gross floor area: 5050 sqm
Survey date: THURSDAY *27/02/14* *Survey Type: MANUAL*

18 **TV-02-A-04** **COUNCIL OFFICES** **TEES VALLEY**
CORPORATION ROAD

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

19 **WK-02-A-01** **OFFICES** **WARWICKSHIRE**
WARWICK ROAD

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

20 **WM-02-A-02** **BRITISH TELECOM** **WEST MIDLANDS**
BRINDLEY PLACE

BIRMINGHAM
Edge of Town Centre
Commercial Zone
Total Gross floor area: 12200 sqm
Survey date: THURSDAY *27/11/08* *Survey Type: MANUAL*

LIST OF SITES relevant to selection parameters (Cont.)

21 WM-02-A-03 BANK ADMIN WEST MIDLANDS
BRUNSWICK STREET
BRINDLEY PLACE
BIRMINGHAM
Town Centre
Commercial Zone
Total Gross floor area: 8200 sqm
Survey date: THURSDAY *27/11/08* *Survey Type: MANUAL*

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

MANUALLY DESELECTED SITES

Site Ref	Reason for Deselection
EX-02-A-03	Large site
KC-02-A-11	Large site

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

MULTI-MODAL VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	4859	0.594	21	4859	0.057	21	4859	0.651
08:00 - 09:00	**21**	**4859**	**1.472**	21	4859	0.225	**21**	**4859**	**1.697**
09:00 - 10:00	21	4859	1.151	21	4859	0.322	21	4859	1.473
10:00 - 11:00	21	4859	0.588	21	4859	0.375	21	4859	0.963
11:00 - 12:00	21	4859	0.415	21	4859	0.401	21	4859	0.816
12:00 - 13:00	21	4859	0.361	21	4859	0.395	21	4859	0.756
13:00 - 14:00	21	4859	0.457	21	4859	0.405	21	4859	0.862
14:00 - 15:00	21	4859	0.384	21	4859	0.367	21	4859	0.751
15:00 - 16:00	21	4859	0.293	21	4859	0.544	21	4859	0.837
16:00 - 17:00	21	4859	0.249	21	4859	1.169	21	4859	1.418
17:00 - 18:00	21	4859	0.199	**21**	**4859**	**1.371**	21	4859	1.570
18:00 - 19:00	21	4859	0.057	21	4859	0.415	21	4859	0.472
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			6.220			6.046			12.266

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	610 - 12200 (units: sqm)
Survey date date range:	01/01/07 - 02/10/14
Number of weekdays (Monday-Friday):	21
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	8

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

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

MULTI-MODAL TAXIS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	4859	0.001	21	4859	0.001	21	4859	0.002
08:00 - 09:00	21	4859	0.016	21	4859	0.016	21	4859	0.032
09:00 - 10:00	21	4859	0.011	21	4859	0.011	21	4859	0.022
10:00 - 11:00	**21**	**4859**	**0.021**	**21**	**4859**	**0.021**	**21**	**4859**	**0.042**
11:00 - 12:00	21	4859	0.014	21	4859	0.014	21	4859	0.028
12:00 - 13:00	21	4859	0.011	21	4859	0.011	21	4859	0.022
13:00 - 14:00	21	4859	0.016	21	4859	0.016	21	4859	0.032
14:00 - 15:00	21	4859	0.015	21	4859	0.016	21	4859	0.031
15:00 - 16:00	21	4859	0.006	21	4859	0.005	21	4859	0.011
16:00 - 17:00	21	4859	0.004	21	4859	0.004	21	4859	0.008
17:00 - 18:00	21	4859	0.008	21	4859	0.008	21	4859	0.016
18:00 - 19:00	21	4859	0.001	21	4859	0.001	21	4859	0.002
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.124			0.124			0.248

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:	610 - 12200 (units: sqm)
Survey date date range:	01/01/07 - 02/10/14
Number of weekdays (Monday-Friday):	21
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	8

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

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

MULTI-MODAL OGVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	4859	0.003	21	4859	0.001	21	4859	0.004
08:00 - 09:00	**21**	**4859**	**0.007**	21	4859	0.007	21	4859	0.014
09:00 - 10:00	21	4859	0.004	21	4859	0.006	21	4859	0.010
10:00 - 11:00	21	4859	0.007	**21**	**4859**	**0.008**	**21**	**4859**	**0.015**
11:00 - 12:00	21	4859	0.001	21	4859	0.001	21	4859	0.002
12:00 - 13:00	21	4859	0.001	21	4859	0.000	21	4859	0.001
13:00 - 14:00	21	4859	0.002	21	4859	0.002	21	4859	0.004
14:00 - 15:00	21	4859	0.004	21	4859	0.004	21	4859	0.008
15:00 - 16:00	21	4859	0.006	21	4859	0.004	21	4859	0.010
16:00 - 17:00	21	4859	0.000	21	4859	0.002	21	4859	0.002
17:00 - 18:00	21	4859	0.002	21	4859	0.002	21	4859	0.004
18:00 - 19:00	21	4859	0.000	21	4859	0.000	21	4859	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.037			0.037			0.074

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	610 - 12200 (units: sqm)
Survey date date range:	01/01/07 - 02/10/14
Number of weekdays (Monday-Friday):	21
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	8

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

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

MULTI-MODAL PSVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	4859	0.000	21	4859	0.000	21	4859	0.000
08:00 - 09:00	21	4859	0.000	21	4859	0.000	21	4859	0.000
09:00 - 10:00	21	4859	0.000	21	4859	0.000	21	4859	0.000
10:00 - 11:00	21	4859	0.000	21	4859	0.000	21	4859	0.000
11:00 - 12:00	21	4859	0.000	21	4859	0.000	21	4859	0.000
12:00 - 13:00	21	4859	0.000	21	4859	0.000	21	4859	0.000
13:00 - 14:00	21	4859	0.000	21	4859	0.000	21	4859	0.000
14:00 - 15:00	21	4859	0.000	21	4859	0.000	21	4859	0.000
15:00 - 16:00	21	4859	0.000	21	4859	0.000	21	4859	0.000
16:00 - 17:00	21	4859	0.000	21	4859	0.000	21	4859	0.000
17:00 - 18:00	**21**	**4859**	**0.001**	**21**	**4859**	**0.001**	**21**	**4859**	**0.002**
18:00 - 19:00	21	4859	0.000	21	4859	0.000	21	4859	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.001			0.001			0.002

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.*

Parameter summary

Trip rate parameter range selected:	610 - 12200 (units: sqm)
Survey date date range:	01/01/07 - 02/10/14
Number of weekdays (Monday-Friday):	21
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	8

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

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

MULTI-MODAL CYCLISTS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	4859	0.020	21	4859	0.000	21	4859	0.020
08:00 - 09:00	**21**	**4859**	**0.069**	21	4859	0.001	**21**	**4859**	**0.070**
09:00 - 10:00	21	4859	0.029	21	4859	0.001	21	4859	0.030
10:00 - 11:00	21	4859	0.017	21	4859	0.012	21	4859	0.029
11:00 - 12:00	21	4859	0.011	21	4859	0.010	21	4859	0.021
12:00 - 13:00	21	4859	0.010	21	4859	0.015	21	4859	0.025
13:00 - 14:00	21	4859	0.010	21	4859	0.011	21	4859	0.021
14:00 - 15:00	21	4859	0.006	21	4859	0.012	21	4859	0.018
15:00 - 16:00	21	4859	0.009	21	4859	0.014	21	4859	0.023
16:00 - 17:00	21	4859	0.007	21	4859	0.028	21	4859	0.035
17:00 - 18:00	21	4859	0.007	**21**	**4859**	**0.062**	21	4859	0.069
18:00 - 19:00	21	4859	0.002	21	4859	0.025	21	4859	0.027
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.197			0.191			0.388

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	610 - 12200 (units: sqm)
Survey date date range:	01/01/07 - 02/10/14
Number of weekdays (Monday-Friday):	21
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	8

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

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

MULTI-MODAL VEHICLE OCCUPANTS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	4859	0.653	21	4859	0.042	21	4859	0.695
08:00 - 09:00	**21**	**4859**	**1.608**	21	4859	0.164	**21**	**4859**	**1.772**
09:00 - 10:00	21	4859	1.245	21	4859	0.312	21	4859	1.557
10:00 - 11:00	21	4859	0.639	21	4859	0.365	21	4859	1.004
11:00 - 12:00	21	4859	0.471	21	4859	0.435	21	4859	0.906
12:00 - 13:00	21	4859	0.422	21	4859	0.435	21	4859	0.857
13:00 - 14:00	21	4859	0.507	21	4859	0.432	21	4859	0.939
14:00 - 15:00	21	4859	0.431	21	4859	0.444	21	4859	0.875
15:00 - 16:00	21	4859	0.333	21	4859	0.618	21	4859	0.951
16:00 - 17:00	21	4859	0.225	21	4859	1.315	21	4859	1.540
17:00 - 18:00	21	4859	0.189	**21**	**4859**	**1.522**	21	4859	1.711
18:00 - 19:00	21	4859	0.046	21	4859	0.451	21	4859	0.497
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			6.769			6.535			13.304

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	610 - 12200 (units: sqm)
Survey date date range:	01/01/07 - 02/10/14
Number of weekdays (Monday-Friday):	21
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	8

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

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

MULTI-MODAL PEDESTRIANS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	4859	0.113	21	4859	0.024	21	4859	0.137
08:00 - 09:00	21	4859	0.566	21	4859	0.128	21	4859	0.694
09:00 - 10:00	21	4859	0.465	21	4859	0.213	21	4859	0.678
10:00 - 11:00	21	4859	0.354	21	4859	0.370	21	4859	0.724
11:00 - 12:00	21	4859	0.345	21	4859	0.451	21	4859	0.796
12:00 - 13:00	21	4859	1.197	**21**	**4859**	**1.619**	21	4859	2.816
13:00 - 14:00	**21**	**4859**	**1.762**	21	4859	1.406	**21**	**4859**	**3.168**
14:00 - 15:00	21	4859	0.786	21	4859	0.590	21	4859	1.376
15:00 - 16:00	21	4859	0.360	21	4859	0.444	21	4859	0.804
16:00 - 17:00	21	4859	0.215	21	4859	0.464	21	4859	0.679
17:00 - 18:00	21	4859	0.109	21	4859	0.556	21	4859	0.665
18:00 - 19:00	21	4859	0.032	21	4859	0.138	21	4859	0.170
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			6.304			6.403			12.707

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	610 - 12200 (units: sqm)
Survey date date range:	01/01/07 - 02/10/14
Number of weekdays (Monday-Friday):	21
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	8

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

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

MULTI-MODAL BUS/TRAM PASSENGERS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	4859	0.129	21	4859	0.002	21	4859	0.131
08:00 - 09:00	**21**	**4859**	**0.474**	21	4859	0.012	**21**	**4859**	**0.486**
09:00 - 10:00	21	4859	0.204	21	4859	0.025	21	4859	0.229
10:00 - 11:00	21	4859	0.079	21	4859	0.040	21	4859	0.119
11:00 - 12:00	21	4859	0.092	21	4859	0.076	21	4859	0.168
12:00 - 13:00	21	4859	0.067	21	4859	0.069	21	4859	0.136
13:00 - 14:00	21	4859	0.055	21	4859	0.078	21	4859	0.133
14:00 - 15:00	21	4859	0.055	21	4859	0.100	21	4859	0.155
15:00 - 16:00	21	4859	0.034	21	4859	0.116	21	4859	0.150
16:00 - 17:00	21	4859	0.037	21	4859	0.251	21	4859	0.288
17:00 - 18:00	21	4859	0.025	**21**	**4859**	**0.424**	21	4859	0.449
18:00 - 19:00	21	4859	0.007	21	4859	0.037	21	4859	0.044
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.258			1.230			2.488

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	610 - 12200 (units: sqm)
Survey date date range:	01/01/07 - 02/10/14
Number of weekdays (Monday-Friday):	21
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	8

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

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

MULTI-MODAL TOTAL RAIL PASSENGERS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	4859	0.080	21	4859	0.003	21	4859	0.083
08:00 - 09:00	**21**	**4859**	**0.333**	21	4859	0.011	**21**	**4859**	**0.344**
09:00 - 10:00	21	4859	0.184	21	4859	0.019	21	4859	0.203
10:00 - 11:00	21	4859	0.027	21	4859	0.009	21	4859	0.036
11:00 - 12:00	21	4859	0.016	21	4859	0.005	21	4859	0.021
12:00 - 13:00	21	4859	0.011	21	4859	0.021	21	4859	0.032
13:00 - 14:00	21	4859	0.004	21	4859	0.005	21	4859	0.009
14:00 - 15:00	21	4859	0.017	21	4859	0.013	21	4859	0.030
15:00 - 16:00	21	4859	0.003	21	4859	0.109	21	4859	0.112
16:00 - 17:00	21	4859	0.000	21	4859	0.215	21	4859	0.215
17:00 - 18:00	21	4859	0.006	**21**	**4859**	**0.249**	21	4859	0.255
18:00 - 19:00	21	4859	0.001	21	4859	0.028	21	4859	0.029
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.682			0.687			1.369

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	610 - 12200 (units: sqm)
Survey date date range:	01/01/07 - 02/10/14
Number of weekdays (Monday-Friday):	21
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	8

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

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

MULTI-MODAL COACH PASSENGERS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	4859	0.000	21	4859	0.000	21	4859	0.000
08:00 - 09:00	21	4859	0.000	21	4859	0.000	21	4859	0.000
09:00 - 10:00	21	4859	0.000	21	4859	0.000	21	4859	0.000
10:00 - 11:00	21	4859	0.000	21	4859	0.000	21	4859	0.000
11:00 - 12:00	21	4859	0.000	21	4859	0.000	21	4859	0.000
12:00 - 13:00	21	4859	0.000	21	4859	0.000	21	4859	0.000
13:00 - 14:00	21	4859	0.000	21	4859	0.000	21	4859	0.000
14:00 - 15:00	21	4859	0.000	21	4859	0.000	21	4859	0.000
15:00 - 16:00	21	4859	0.000	21	4859	0.000	21	4859	0.000
16:00 - 17:00	21	4859	0.000	21	4859	0.000	21	4859	0.000
17:00 - 18:00	21	4859	0.000	**21**	**4859**	**0.022**	**21**	**4859**	**0.022**
18:00 - 19:00	21	4859	0.000	21	4859	0.000	21	4859	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			0.022			0.022

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	610 - 12200 (units: sqm)
Survey date date range:	01/01/07 - 02/10/14
Number of weekdays (Monday-Friday):	21
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	8

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

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

MULTI-MODAL PUBLIC TRANSPORT USERS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	4859	0.210	21	4859	0.005	21	4859	0.215
08:00 - 09:00	**21**	**4859**	**0.808**	21	4859	0.023	**21**	**4859**	**0.831**
09:00 - 10:00	21	4859	0.388	21	4859	0.043	21	4859	0.431
10:00 - 11:00	21	4859	0.107	21	4859	0.049	21	4859	0.156
11:00 - 12:00	21	4859	0.108	21	4859	0.081	21	4859	0.189
12:00 - 13:00	21	4859	0.077	21	4859	0.089	21	4859	0.166
13:00 - 14:00	21	4859	0.059	21	4859	0.083	21	4859	0.142
14:00 - 15:00	21	4859	0.072	21	4859	0.113	21	4859	0.185
15:00 - 16:00	21	4859	0.037	21	4859	0.224	21	4859	0.261
16:00 - 17:00	21	4859	0.037	21	4859	0.466	21	4859	0.503
17:00 - 18:00	21	4859	0.031	**21**	**4859**	**0.695**	21	4859	0.726
18:00 - 19:00	21	4859	0.008	21	4859	0.066	21	4859	0.074
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.942			1.937			3.879

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	610 - 12200 (units: sqm)
Survey date date range:	01/01/07 - 02/10/14
Number of weekdays (Monday-Friday):	21
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	8

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

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

MULTI-MODAL TOTAL PEOPLE

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	4859	0.995	21	4859	0.071	21	4859	1.066
08:00 - 09:00	**21**	**4859**	**3.051**	21	4859	0.316	21	4859	3.367
09:00 - 10:00	21	4859	2.127	21	4859	0.568	21	4859	2.695
10:00 - 11:00	21	4859	1.116	21	4859	0.796	21	4859	1.912
11:00 - 12:00	21	4859	0.935	21	4859	0.977	21	4859	1.912
12:00 - 13:00	21	4859	1.706	21	4859	2.158	21	4859	3.864
13:00 - 14:00	21	4859	2.337	21	4859	1.933	**21**	**4859**	**4.270**
14:00 - 15:00	21	4859	1.295	21	4859	1.158	21	4859	2.453
15:00 - 16:00	21	4859	0.739	21	4859	1.301	21	4859	2.040
16:00 - 17:00	21	4859	0.484	21	4859	2.273	21	4859	2.757
17:00 - 18:00	21	4859	0.336	**21**	**4859**	**2.834**	21	4859	3.170
18:00 - 19:00	21	4859	0.088	21	4859	0.679	21	4859	0.767
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			15.209			15.064			30.273

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	610 - 12200 (units: sqm)
Survey date date range:	01/01/07 - 02/10/14
Number of weekdays (Monday-Friday):	21
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	8

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 CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
Category : C - INDUSTRIAL UNIT

MULTI-MODAL VEHICLES

Selected regions and areas:

03	**SOUTH WEST**		
	CW	CORNWALL	1 days
	DC	DORSET	1 days
06	**WEST MIDLANDS**		
	HE	HEREFORDSHIRE	1 days
	WM	WEST MIDLANDS	1 days
08	**NORTH WEST**		
	CH	CHESHIRE	1 days

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

Filtering Stage 2 selection:

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

Parameter: Gross floor area
Actual Range: 1880 to 17675 (units: sqm)
Range Selected by User: 1100 to 43325 (units: sqm)

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/07 to 23/01/14

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

Selected survey days:

Monday	1 days
Tuesday	2 days
Wednesday	1 days
Thursday	1 days

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

Selected survey types:

Manual count	5 days
Directional ATC Count	0 days

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

Selected Locations:

Edge of Town	5

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	3
Commercial Zone	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, Out of Town, High Street and No Sub Category.

Filtering Stage 3 selection:

Use Class:

B1	3 days
B2	2 days

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

Population within 1 mile:

1,001 to 5,000	2 days
10,001 to 15,000	3 days

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

Population within 5 miles:

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

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

Car ownership within 5 miles:

0.6 to 1.0	1 days
1.1 to 1.5	4 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	5 days

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

LIST OF SITES relevant to selection parameters

1 **CH-02-C-01** **BAKERY** **CHESHIRE**
GADBROOK PARK
HIGH SHURLACH
NORTHWICH
Edge of Town
Industrial Zone
Total Gross floor area: 15000 sqm
Survey date: THURSDAY *21/06/07* *Survey Type: MANUAL*

2 **CW-02-C-02** **LIGHTING COMPANY** **CORNWALL**
NORMANDY WAY

BODMIN
Edge of Town
Industrial Zone
Total Gross floor area: 17675 sqm
Survey date: WEDNESDAY *06/06/07* *Survey Type: MANUAL*

3 **DC-02-C-07** **NEW LOOK** **DORSET**
MERCERY ROAD

WEYMOUTH
Edge of Town
No Sub Category
Total Gross floor area: 5467 sqm
Survey date: MONDAY *07/07/08* *Survey Type: MANUAL*

4 **HE-02-C-02** **THERMAL PROCESSING** **HEREFORDSHIRE**
COLLEGE ROAD
BURCOTT
HEREFORD
Edge of Town
Commercial Zone
Total Gross floor area: 1880 sqm
Survey date: TUESDAY *22/10/13* *Survey Type: MANUAL*

5 **WM-02-C-03** **INDUSTRIAL GLASS** **WEST MIDLANDS**
DOWNING STREET

SMETHWICK
Edge of Town
Industrial Zone
Total Gross floor area: 5070 sqm
Survey date: TUESDAY *06/11/12* *Survey Type: MANUAL*

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

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

MULTI-MODAL VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	5	9018	0.512	5	9018	0.180	5	9018	0.692
08:00 - 09:00	**5**	**9018**	**0.852**	5	9018	0.151	**5**	**9018**	**1.003**
09:00 - 10:00	5	9018	0.255	5	9018	0.153	5	9018	0.408
10:00 - 11:00	5	9018	0.164	5	9018	0.149	5	9018	0.313
11:00 - 12:00	5	9018	0.142	5	9018	0.126	5	9018	0.268
12:00 - 13:00	5	9018	0.153	5	9018	0.246	5	9018	0.399
13:00 - 14:00	5	9018	0.315	5	9018	0.226	5	9018	0.541
14:00 - 15:00	5	9018	0.169	5	9018	0.244	5	9018	0.413
15:00 - 16:00	5	9018	0.086	5	9018	0.135	5	9018	0.221
16:00 - 17:00	5	9018	0.135	5	9018	0.490	5	9018	0.625
17:00 - 18:00	5	9018	0.078	**5**	**9018**	**0.634**	5	9018	0.712
18:00 - 19:00	5	9018	0.140	5	9018	0.342	5	9018	0.482
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			3.001			3.076			6.077

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	1880 - 17675 (units: sqm)
Survey date date range:	01/01/07 - 23/01/14
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	1

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

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

MULTI-MODAL TAXIS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	**5**	**9018**	**0.024**	**5**	**9018**	**0.022**	**5**	**9018**	**0.046**
08:00 - 09:00	5	9018	0.002	5	9018	0.007	5	9018	0.009
09:00 - 10:00	5	9018	0.009	5	9018	0.009	5	9018	0.018
10:00 - 11:00	5	9018	0.009	5	9018	0.009	5	9018	0.018
11:00 - 12:00	5	9018	0.004	5	9018	0.004	5	9018	0.008
12:00 - 13:00	5	9018	0.007	5	9018	0.007	5	9018	0.014
13:00 - 14:00	5	9018	0.004	5	9018	0.004	5	9018	0.008
14:00 - 15:00	5	9018	0.007	5	9018	0.007	5	9018	0.014
15:00 - 16:00	5	9018	0.002	5	9018	0.004	5	9018	0.006
16:00 - 17:00	5	9018	0.016	5	9018	0.009	5	9018	0.025
17:00 - 18:00	5	9018	0.004	5	9018	0.013	5	9018	0.017
18:00 - 19:00	5	9018	0.004	5	9018	0.004	5	9018	0.008
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.092			0.099			0.191

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	1880 - 17675 (units: sqm)
Survey date date range:	01/01/07 - 23/01/14
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	1

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

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

MULTI-MODAL OGVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	5	9018	0.004	5	9018	0.020	5	9018	0.024
08:00 - 09:00	5	9018	0.038	**5**	**9018**	**0.033**	5	9018	0.071
09:00 - 10:00	**5**	**9018**	**0.062**	5	9018	0.022	**5**	**9018**	**0.084**
10:00 - 11:00	5	9018	0.049	5	9018	0.027	5	9018	0.076
11:00 - 12:00	5	9018	0.042	5	9018	0.024	5	9018	0.066
12:00 - 13:00	5	9018	0.029	5	9018	0.024	5	9018	0.053
13:00 - 14:00	5	9018	0.047	5	9018	0.031	5	9018	0.078
14:00 - 15:00	5	9018	0.035	5	9018	0.020	5	9018	0.055
15:00 - 16:00	5	9018	0.016	5	9018	0.004	5	9018	0.020
16:00 - 17:00	5	9018	0.022	5	9018	0.022	5	9018	0.044
17:00 - 18:00	5	9018	0.007	5	9018	0.007	5	9018	0.014
18:00 - 19:00	5	9018	0.013	5	9018	0.016	5	9018	0.029
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.364			0.250			0.614

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	1880 - 17675 (units: sqm)
Survey date date range:	01/01/07 - 23/01/14
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	1

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

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

MULTI-MODAL PSVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
08:00 - 09:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
09:00 - 10:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
10:00 - 11:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
11:00 - 12:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
12:00 - 13:00	**5**	**9018**	**0.002**	5	9018	0.000	**5**	**9018**	**0.002**
13:00 - 14:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
14:00 - 15:00	5	9018	0.002	5	9018	0.000	5	9018	0.002
15:00 - 16:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
16:00 - 17:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
17:00 - 18:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
18:00 - 19:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.004			0.000			0.004

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

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

Parameter summary

Trip rate parameter range selected:	1880 - 17675 (units: sqm)
Survey date date range:	01/01/07 - 23/01/14
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	1

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

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

MULTI-MODAL CYCLISTS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	**5**	**9018**	**0.024**	5	9018	0.007	**5**	**9018**	**0.031**
08:00 - 09:00	5	9018	0.013	5	9018	0.002	5	9018	0.015
09:00 - 10:00	5	9018	0.002	5	9018	0.000	5	9018	0.002
10:00 - 11:00	5	9018	0.000	5	9018	0.002	5	9018	0.002
11:00 - 12:00	5	9018	0.000	5	9018	0.002	5	9018	0.002
12:00 - 13:00	5	9018	0.000	5	9018	0.004	5	9018	0.004
13:00 - 14:00	5	9018	0.016	5	9018	0.009	5	9018	0.025
14:00 - 15:00	5	9018	0.007	5	9018	0.016	5	9018	0.023
15:00 - 16:00	5	9018	0.000	5	9018	0.004	5	9018	0.004
16:00 - 17:00	5	9018	0.002	**5**	**9018**	**0.022**	5	9018	0.024
17:00 - 18:00	5	9018	0.000	5	9018	0.004	5	9018	0.004
18:00 - 19:00	5	9018	0.007	5	9018	0.011	5	9018	0.018
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.071			0.083			0.154

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	1880 - 17675 (units: sqm)
Survey date date range:	01/01/07 - 23/01/14
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	1

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

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

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 - 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	5	9018	0.636	5	9018	0.169	5	9018	0.805
08:00 - 09:00	**5**	**9018**	**0.951**	5	9018	0.155	**5**	**9018**	**1.106**
09:00 - 10:00	5	9018	0.284	5	9018	0.151	5	9018	0.435
10:00 - 11:00	5	9018	0.191	5	9018	0.164	5	9018	0.355
11:00 - 12:00	5	9018	0.155	5	9018	0.133	5	9018	0.288
12:00 - 13:00	5	9018	0.169	5	9018	0.279	5	9018	0.448
13:00 - 14:00	5	9018	0.366	5	9018	0.253	5	9018	0.619
14:00 - 15:00	5	9018	0.177	5	9018	0.279	5	9018	0.456
15:00 - 16:00	5	9018	0.098	5	9018	0.142	5	9018	0.240
16:00 - 17:00	5	9018	0.140	5	9018	0.617	5	9018	0.757
17:00 - 18:00	5	9018	0.080	**5**	**9018**	**0.754**	5	9018	0.834
18:00 - 19:00	5	9018	0.146	5	9018	0.393	5	9018	0.539
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			3.393			3.489			6.882

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	1880 - 17675 (units: sqm)
Survey date date range:	01/01/07 - 23/01/14
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	1

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

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

MULTI-MODAL PEDESTRIANS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	5	9018	0.042	5	9018	0.024	5	9018	0.066
08:00 - 09:00	5	9018	0.071	5	9018	0.013	5	9018	0.084
09:00 - 10:00	**5**	**9018**	**0.078**	5	9018	0.051	**5**	**9018**	**0.129**
10:00 - 11:00	5	9018	0.038	5	9018	0.022	5	9018	0.060
11:00 - 12:00	5	9018	0.020	5	9018	0.029	5	9018	0.049
12:00 - 13:00	5	9018	0.027	**5**	**9018**	**0.084**	5	9018	0.111
13:00 - 14:00	5	9018	0.049	5	9018	0.040	5	9018	0.089
14:00 - 15:00	5	9018	0.018	5	9018	0.024	5	9018	0.042
15:00 - 16:00	5	9018	0.009	5	9018	0.040	5	9018	0.049
16:00 - 17:00	5	9018	0.038	5	9018	0.040	5	9018	0.078
17:00 - 18:00	5	9018	0.018	5	9018	0.075	5	9018	0.093
18:00 - 19:00	5	9018	0.016	5	9018	0.033	5	9018	0.049
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.424			0.475			0.899

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	1880 - 17675 (units: sqm)
Survey date date range:	01/01/07 - 23/01/14
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	1

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

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

MULTI-MODAL BUS/TRAM PASSENGERS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	5	9018	0.002	5	9018	0.002	5	9018	0.004
08:00 - 09:00	**5**	**9018**	**0.004**	**5**	**9018**	**0.004**	**5**	**9018**	**0.008**
09:00 - 10:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
10:00 - 11:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
11:00 - 12:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
12:00 - 13:00	5	9018	0.002	5	9018	0.002	5	9018	0.004
13:00 - 14:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
14:00 - 15:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
15:00 - 16:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
16:00 - 17:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
17:00 - 18:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
18:00 - 19:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.008			0.008			0.016

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	1880 - 17675 (units: sqm)
Survey date date range:	01/01/07 - 23/01/14
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	1

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

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

MULTI-MODAL TOTAL RAIL PASSENGERS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
08:00 - 09:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
09:00 - 10:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
10:00 - 11:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
11:00 - 12:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
12:00 - 13:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
13:00 - 14:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
14:00 - 15:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
15:00 - 16:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
16:00 - 17:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
17:00 - 18:00	5	9018	0.000	**5**	**9018**	**0.002**	**5**	**9018**	**0.002**
18:00 - 19:00	5	9018	0.000	5	9018	0.000	5	9018	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			0.002			0.002

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.*

Parameter summary

Trip rate parameter range selected:	1880 - 17675 (units: sqm)
Survey date date range:	01/01/07 - 23/01/14
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	1

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

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

MULTI-MODAL COACH PASSENGERS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
08:00 - 09:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
09:00 - 10:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
10:00 - 11:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
11:00 - 12:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
12:00 - 13:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
13:00 - 14:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
14:00 - 15:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
15:00 - 16:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
16:00 - 17:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
17:00 - 18:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
18:00 - 19:00	5	9018	0.000	5	9018	0.000	5	9018	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.

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Parameter summary

Trip rate parameter range selected:	1880 - 17675 (units: sqm)
Survey date date range:	01/01/07 - 23/01/14
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	1

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

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

MULTI-MODAL PUBLIC TRANSPORT USERS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	5	9018	0.002	5	9018	0.002	5	9018	0.004
08:00 - 09:00	**5**	**9018**	**0.004**	**5**	**9018**	**0.004**	**5**	**9018**	**0.008**
09:00 - 10:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
10:00 - 11:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
11:00 - 12:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
12:00 - 13:00	5	9018	0.002	5	9018	0.002	5	9018	0.004
13:00 - 14:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
14:00 - 15:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
15:00 - 16:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
16:00 - 17:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
17:00 - 18:00	5	9018	0.000	5	9018	0.002	5	9018	0.002
18:00 - 19:00	5	9018	0.000	5	9018	0.000	5	9018	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.008			0.010			0.018

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	1880 - 17675 (units: sqm)
Survey date date range:	01/01/07 - 23/01/14
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	1

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

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

MULTI-MODAL TOTAL PEOPLE

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 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	5	9018	0.705	5	9018	0.202	5	9018	0.907
08:00 - 09:00	**5**	**9018**	**1.040**	5	9018	0.175	**5**	**9018**	**1.215**
09:00 - 10:00	5	9018	0.364	5	9018	0.202	5	9018	0.566
10:00 - 11:00	5	9018	0.228	5	9018	0.189	5	9018	0.417
11:00 - 12:00	5	9018	0.175	5	9018	0.164	5	9018	0.339
12:00 - 13:00	5	9018	0.197	5	9018	0.370	5	9018	0.567
13:00 - 14:00	5	9018	0.430	5	9018	0.302	5	9018	0.732
14:00 - 15:00	5	9018	0.202	5	9018	0.319	5	9018	0.521
15:00 - 16:00	5	9018	0.106	5	9018	0.186	5	9018	0.292
16:00 - 17:00	5	9018	0.180	5	9018	0.679	5	9018	0.859
17:00 - 18:00	5	9018	0.098	**5**	**9018**	**0.836**	5	9018	0.934
18:00 - 19:00	5	9018	0.169	5	9018	0.437	5	9018	0.606
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			3.894			4.061			7.955

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	1880 - 17675 (units: sqm)
Survey date date range:	01/01/07 - 23/01/14
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	1

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

Calculation Reference: AUDIT-623801-150515-0555

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

MULTI-MODAL VEHICLES

Selected regions and areas:

02	**SOUTH EAST**		
	EX	ESSEX	2 days
	SC	SURREY	1 days
03	**SOUTH WEST**		
	DC	DORSET	1 days
06	**WEST MIDLANDS**		
	WM	WEST MIDLANDS	1 days
08	**NORTH WEST**		
	CH	CHESHIRE	1 days
	GM	GREATER MANCHESTER	2 days

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

Filtering Stage 2 selection:

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

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

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/07 to 13/05/14

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

Selected survey days:

Monday	1 days
Tuesday	3 days
Thursday	1 days
Friday	3 days

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

Selected survey types:

Manual count	8 days
Directional ATC Count	0 days

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

Selected Locations:

Town Centre	2
Edge of Town Centre	6

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

Selected Location Sub Categories:

Residential Zone	5
Built-Up Zone	2
No Sub Category	1

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

Filtering Stage 3 selection:

Use Class:

C3	8 days

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

Population within 1 mile:

10,001 to 15,000	2 days
15,001 to 20,000	1 days
20,001 to 25,000	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:

50,001 to 75,000	1 days
125,001 to 250,000	3 days
250,001 to 500,000	2 days
500,001 or More	2 days

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

Car ownership within 5 miles:

0.6 to 1.0	2 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:

No	8 days

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

LIST OF SITES relevant to selection parameters

1 **CH-03-C-01** **BLOCKS OF FLATS** **CHESHIRE**
NEW CRANE STREET

CHESTER
Edge of Town Centre
Residential Zone
Total Number of dwellings: 60
Survey date: FRIDAY *17/10/08* *Survey Type: MANUAL*

2 **DC-03-C-01** **BLOCKS OF FLATS** **DORSET**
ABBOTSBURY ROAD

WEYMOUTH
Edge of Town Centre
Residential Zone
Total Number of dwellings: 27
Survey date: TUESDAY *08/07/08* *Survey Type: MANUAL*

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

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

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

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

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

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

7 **SC-03-C-01** **FLATS** **SURREY**
HEATHCOTE ROAD

CAMBERLEY
Edge of Town Centre
Residential Zone
Total Number of dwellings: 140
Survey date: MONDAY *21/07/08* *Survey Type: MANUAL*

LIST OF SITES relevant to selection parameters (Cont.)

8 WM-03-C-03 FLATS WEST MIDLANDS
LODE LANE

SOLIHULL
Edge of Town Centre
No Sub Category
Total Number of dwellings: 60
Survey date: FRIDAY *21/09/07* *Survey Type: MANUAL*

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

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS 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	8	70	0.025	8	70	0.105	8	70	0.130
08:00 - 09:00	8	70	0.057	**8**	**70**	**0.176**	**8**	**70**	**0.233**
09:00 - 10:00	8	70	0.059	8	70	0.073	8	70	0.132
10:00 - 11:00	8	70	0.077	8	70	0.071	8	70	0.148
11:00 - 12:00	8	70	0.059	8	70	0.059	8	70	0.118
12:00 - 13:00	8	70	0.075	8	70	0.082	8	70	0.157
13:00 - 14:00	8	70	0.080	8	70	0.100	8	70	0.180
14:00 - 15:00	8	70	0.075	8	70	0.073	8	70	0.148
15:00 - 16:00	8	70	0.080	8	70	0.066	8	70	0.146
16:00 - 17:00	8	70	0.096	8	70	0.073	8	70	0.169
17:00 - 18:00	**8**	**70**	**0.139**	8	70	0.071	8	70	0.210
18:00 - 19:00	8	70	0.102	8	70	0.039	8	70	0.141
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.924			0.988			1.912

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

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

Parameter summary

Trip rate parameter range selected:	6 - 154 (units:)
Survey date date range:	01/01/07 - 13/05/14
Number of weekdays (Monday-Friday):	8
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

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

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL TAXIS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	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	8	70	0.002	8	70	0.002	8	70	0.004
08:00 - 09:00	8	70	0.000	8	70	0.000	8	70	0.000
09:00 - 10:00	8	70	0.000	8	70	0.000	8	70	0.000
10:00 - 11:00	8	70	0.002	8	70	0.002	8	70	0.004
11:00 - 12:00	**8**	**70**	**0.004**	**8**	**70**	**0.004**	**8**	**70**	**0.008**
12:00 - 13:00	8	70	0.002	8	70	0.002	8	70	0.004
13:00 - 14:00	8	70	0.004	8	70	0.004	8	70	0.008
14:00 - 15:00	8	70	0.004	8	70	0.002	8	70	0.006
15:00 - 16:00	8	70	0.002	8	70	0.004	8	70	0.006
16:00 - 17:00	8	70	0.002	8	70	0.002	8	70	0.004
17:00 - 18:00	8	70	0.002	8	70	0.002	8	70	0.004
18:00 - 19:00	8	70	0.000	8	70	0.000	8	70	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.024			0.024			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.*

Parameter summary

Trip rate parameter range selected:	6 - 154 (units:)
Survey date date range:	01/01/07 - 13/05/14
Number of weekdays (Monday-Friday):	8
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

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

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	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	8	70	0.000	8	70	0.000	8	70	0.000
08:00 - 09:00	8	70	0.000	8	70	0.000	8	70	0.000
09:00 - 10:00	8	70	0.000	8	70	0.000	8	70	0.000
10:00 - 11:00	**8**	**70**	**0.002**	**8**	**70**	**0.002**	**8**	**70**	**0.004**
11:00 - 12:00	8	70	0.002	8	70	0.000	8	70	0.002
12:00 - 13:00	8	70	0.000	8	70	0.002	8	70	0.002
13:00 - 14:00	8	70	0.000	8	70	0.000	8	70	0.000
14:00 - 15:00	8	70	0.000	8	70	0.000	8	70	0.000
15:00 - 16:00	8	70	0.000	8	70	0.000	8	70	0.000
16:00 - 17:00	8	70	0.002	8	70	0.002	8	70	0.004
17:00 - 18:00	8	70	0.000	8	70	0.000	8	70	0.000
18:00 - 19:00	8	70	0.000	8	70	0.000	8	70	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.006			0.006			0.012

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

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

Parameter summary

Trip rate parameter range selected:	6 - 154 (units:)
Survey date date range:	01/01/07 - 13/05/14
Number of weekdays (Monday-Friday):	8
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

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

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	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	8	70	0.000	8	70	0.000	8	70	0.000
08:00 - 09:00	8	70	0.000	8	70	0.000	8	70	0.000
09:00 - 10:00	8	70	0.000	8	70	0.000	8	70	0.000
10:00 - 11:00	8	70	0.000	8	70	0.000	8	70	0.000
11:00 - 12:00	8	70	0.000	8	70	0.000	8	70	0.000
12:00 - 13:00	8	70	0.000	8	70	0.000	8	70	0.000
13:00 - 14:00	8	70	0.000	8	70	0.000	8	70	0.000
14:00 - 15:00	8	70	0.000	8	70	0.000	8	70	0.000
15:00 - 16:00	8	70	0.000	8	70	0.000	8	70	0.000
16:00 - 17:00	8	70	0.000	8	70	0.000	8	70	0.000
17:00 - 18:00	8	70	0.000	8	70	0.000	8	70	0.000
18:00 - 19:00	8	70	0.000	8	70	0.000	8	70	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.000			0.000			0.000

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

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

Parameter summary

Trip rate parameter range selected:	6 - 154 (units:)
Survey date date range:	01/01/07 - 13/05/14
Number of weekdays (Monday-Friday):	8
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

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

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL CYCLISTS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	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	8	70	0.000	8	70	0.005	8	70	0.005
08:00 - 09:00	8	70	0.000	8	70	0.004	8	70	0.004
09:00 - 10:00	8	70	0.004	8	70	0.005	8	70	0.009
10:00 - 11:00	8	70	0.004	8	70	0.005	8	70	0.009
11:00 - 12:00	8	70	0.004	8	70	0.000	8	70	0.004
12:00 - 13:00	8	70	0.002	**8**	**70**	**0.009**	**8**	**70**	**0.011**
13:00 - 14:00	8	70	0.000	8	70	0.002	8	70	0.002
14:00 - 15:00	8	70	0.002	8	70	0.000	8	70	0.002
15:00 - 16:00	8	70	0.002	8	70	0.002	8	70	0.004
16:00 - 17:00	8	70	0.000	8	70	0.000	8	70	0.000
17:00 - 18:00	**8**	**70**	**0.009**	8	70	0.002	8	70	0.011
18:00 - 19:00	8	70	0.004	8	70	0.000	8	70	0.004
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.031			0.034			0.065

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

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

Parameter summary

Trip rate parameter range selected:	6 - 154 (units:)
Survey date date range:	01/01/07 - 13/05/14
Number of weekdays (Monday-Friday):	8
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

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

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL VEHICLE OCCUPANTS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	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	8	70	0.027	8	70	0.128	8	70	0.155
08:00 - 09:00	8	70	0.064	**8**	**70**	**0.214**	**8**	**70**	**0.278**
09:00 - 10:00	8	70	0.068	8	70	0.100	8	70	0.168
10:00 - 11:00	8	70	0.111	8	70	0.094	8	70	0.205
11:00 - 12:00	8	70	0.071	8	70	0.078	8	70	0.149
12:00 - 13:00	8	70	0.102	8	70	0.098	8	70	0.200
13:00 - 14:00	8	70	0.105	8	70	0.132	8	70	0.237
14:00 - 15:00	8	70	0.087	8	70	0.093	8	70	0.180
15:00 - 16:00	8	70	0.118	8	70	0.084	8	70	0.202
16:00 - 17:00	8	70	0.123	8	70	0.086	8	70	0.209
17:00 - 18:00	**8**	**70**	**0.173**	8	70	0.093	8	70	0.266
18:00 - 19:00	8	70	0.123	8	70	0.052	8	70	0.175
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.172			1.252			2.424

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

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

Parameter summary

Trip rate parameter range selected:	6 - 154 (units:)
Survey date date range:	01/01/07 - 13/05/14
Number of weekdays (Monday-Friday):	8
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

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

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL PEDESTRIANS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	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	8	70	0.018	8	70	0.071	8	70	0.089
08:00 - 09:00	8	70	0.030	**8**	**70**	**0.160**	8	70	0.190
09:00 - 10:00	8	70	0.039	8	70	0.127	8	70	0.166
10:00 - 11:00	8	70	0.053	8	70	0.068	8	70	0.121
11:00 - 12:00	8	70	0.062	8	70	0.111	8	70	0.173
12:00 - 13:00	8	70	0.096	8	70	0.118	8	70	0.214
13:00 - 14:00	8	70	0.107	8	70	0.077	8	70	0.184
14:00 - 15:00	8	70	0.094	8	70	0.077	8	70	0.171
15:00 - 16:00	8	70	0.103	8	70	0.070	8	70	0.173
16:00 - 17:00	8	70	0.157	8	70	0.119	8	70	0.276
17:00 - 18:00	**8**	**70**	**0.203**	8	70	0.086	**8**	**70**	**0.289**
18:00 - 19:00	8	70	0.116	8	70	0.030	8	70	0.146
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.078			1.114			2.192

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

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

Parameter summary

Trip rate parameter range selected:	6 - 154 (units:)
Survey date date range:	01/01/07 - 13/05/14
Number of weekdays (Monday-Friday):	8
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

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

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
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	8	70	0.000	8	70	0.009	8	70	0.009
08:00 - 09:00	8	70	0.000	**8**	**70**	**0.018**	8	70	0.018
09:00 - 10:00	8	70	0.002	8	70	0.014	8	70	0.016
10:00 - 11:00	8	70	0.002	8	70	0.007	8	70	0.009
11:00 - 12:00	8	70	0.004	8	70	0.005	8	70	0.009
12:00 - 13:00	8	70	0.009	8	70	0.014	8	70	0.023
13:00 - 14:00	8	70	0.007	8	70	0.004	8	70	0.011
14:00 - 15:00	8	70	0.009	8	70	0.002	8	70	0.011
15:00 - 16:00	**8**	**70**	**0.025**	8	70	0.007	**8**	**70**	**0.032**
16:00 - 17:00	8	70	0.021	8	70	0.007	8	70	0.028
17:00 - 18:00	8	70	0.014	8	70	0.002	8	70	0.016
18:00 - 19:00	8	70	0.002	8	70	0.000	8	70	0.002
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.095			0.089			0.184

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

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

Parameter summary

Trip rate parameter range selected:	6 - 154 (units:)
Survey date date range:	01/01/07 - 13/05/14
Number of weekdays (Monday-Friday):	8
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

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

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

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	8	70	0.000	8	70	0.025	8	70	0.025
08:00 - 09:00	8	70	0.002	**8**	**70**	**0.046**	8	70	0.048
09:00 - 10:00	8	70	0.000	8	70	0.012	8	70	0.012
10:00 - 11:00	8	70	0.002	8	70	0.002	8	70	0.004
11:00 - 12:00	8	70	0.002	8	70	0.007	8	70	0.009
12:00 - 13:00	8	70	0.000	8	70	0.011	8	70	0.011
13:00 - 14:00	8	70	0.000	8	70	0.009	8	70	0.009
14:00 - 15:00	8	70	0.004	8	70	0.000	8	70	0.004
15:00 - 16:00	8	70	0.005	8	70	0.000	8	70	0.005
16:00 - 17:00	8	70	0.002	8	70	0.009	8	70	0.011
17:00 - 18:00	**8**	**70**	**0.052**	8	70	0.004	**8**	**70**	**0.056**
18:00 - 19:00	8	70	0.023	8	70	0.002	8	70	0.025
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.092			0.127			0.219

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

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

Parameter summary

Trip rate parameter range selected:	6 - 154 (units:)
Survey date date range:	01/01/07 - 13/05/14
Number of weekdays (Monday-Friday):	8
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

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

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL COACH PASSENGERS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	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	8	70	0.000	8	70	0.000	8	70	0.000
08:00 - 09:00	8	70	0.000	8	70	0.000	8	70	0.000
09:00 - 10:00	8	70	0.000	8	70	0.000	8	70	0.000
10:00 - 11:00	8	70	0.000	8	70	0.000	8	70	0.000
11:00 - 12:00	8	70	0.000	8	70	0.000	8	70	0.000
12:00 - 13:00	8	70	0.000	8	70	0.000	8	70	0.000
13:00 - 14:00	8	70	0.000	8	70	0.000	8	70	0.000
14:00 - 15:00	8	70	0.000	8	70	0.000	8	70	0.000
15:00 - 16:00	8	70	0.000	8	70	0.000	8	70	0.000
16:00 - 17:00	8	70	0.000	8	70	0.000	8	70	0.000
17:00 - 18:00	8	70	0.000	8	70	0.000	8	70	0.000
18:00 - 19:00	8	70	0.000	8	70	0.000	8	70	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.000			0.000			0.000

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

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

Parameter summary

Trip rate parameter range selected:	6 - 154 (units:)
Survey date date range:	01/01/07 - 13/05/14
Number of weekdays (Monday-Friday):	8
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

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

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
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	8	70	0.000	8	70	0.034	8	70	0.034
08:00 - 09:00	8	70	0.002	**8**	**70**	**0.064**	8	70	0.066
09:00 - 10:00	8	70	0.002	8	70	0.027	8	70	0.029
10:00 - 11:00	8	70	0.004	8	70	0.009	8	70	0.013
11:00 - 12:00	8	70	0.005	8	70	0.012	8	70	0.017
12:00 - 13:00	8	70	0.009	8	70	0.025	8	70	0.034
13:00 - 14:00	8	70	0.007	8	70	0.012	8	70	0.019
14:00 - 15:00	8	70	0.012	8	70	0.002	8	70	0.014
15:00 - 16:00	8	70	0.030	8	70	0.007	8	70	0.037
16:00 - 17:00	8	70	0.023	8	70	0.016	8	70	0.039
17:00 - 18:00	**8**	**70**	**0.066**	8	70	0.005	**8**	**70**	**0.071**
18:00 - 19:00	8	70	0.025	8	70	0.002	8	70	0.027
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.185			0.215			0.400

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

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

Parameter summary

Trip rate parameter range selected:	6 - 154 (units:)
Survey date date range:	01/01/07 - 13/05/14
Number of weekdays (Monday-Friday):	8
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

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

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

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	8	70	0.045	8	70	0.239	8	70	0.284
08:00 - 09:00	8	70	0.096	**8**	**70**	**0.442**	8	70	0.538
09:00 - 10:00	8	70	0.112	8	70	0.258	8	70	0.370
10:00 - 11:00	8	70	0.171	8	70	0.176	8	70	0.347
11:00 - 12:00	8	70	0.143	8	70	0.201	8	70	0.344
12:00 - 13:00	8	70	0.209	8	70	0.250	8	70	0.459
13:00 - 14:00	8	70	0.219	8	70	0.223	8	70	0.442
14:00 - 15:00	8	70	0.196	8	70	0.171	8	70	0.367
15:00 - 16:00	8	70	0.253	8	70	0.162	8	70	0.415
16:00 - 17:00	8	70	0.303	8	70	0.221	8	70	0.524
17:00 - 18:00	**8**	**70**	**0.451**	8	70	0.185	**8**	**70**	**0.636**
18:00 - 19:00	8	70	0.267	8	70	0.084	8	70	0.351
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.465			2.612			5.077

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

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

Parameter summary

Trip rate parameter range selected:	6 - 154 (units:)
Survey date date range:	01/01/07 - 13/05/14
Number of weekdays (Monday-Friday):	8
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

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