

Broadway Gardens, Welwyn Garden City

Transport Assessment Scoping Report

Client: Welwyn Park Homes Ltd

i-Transport Ref: NM/MD/AT/ITL16195-001A

Date: 21 August 2020

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Contents

| SECTION 1 | Introduction | 1 |
|-----------|------------------------------------|----|
| SECTION 2 | Policy and Guidance Context Review | 3 |
| SECTION 3 | Baseline Conditions | 5 |
| SECTION 4 | Emerging Development Proposal | 17 |
| SECTION 5 | Traffic Impact | 20 |
| SECTION 6 | Planning Application Submission | 26 |
| SECTION 7 | Summary and Conclusion | 27 |

Appendices

| APPENDIX A. | Office Trip Rates |
|-------------|-------------------------------|
| APPENDIX B. | Residential Trip Rates |

SECTION 1 Introduction

1.1 **Overview**

1.1.1 Welwyn Park Homes Ltd has appointed i-Transport LLP to provide highways and transport advice in relation to the forthcoming planning application and redevelopment of the Bio-Park site in Welwyn Garden City for circa 300 dwellings. This Transport Assessment Scoping Report sets out the key parameters to be used in the Transport Assessment (TA) that will accompany the forthcoming planning application.

1.2 Site Location

- 1.2.1 The site is located within Welwyn and Hatfield Borough Council (WHBC) district and Hertfordshire County Council (HCC) is the local highway authority. The site is within the southern end of the Broadwater West Opportunity Area (BWOA) which is covered in a Supplementary Planning Document (SPD). The SPD did not propose the redevelopment of this application site.
- 1.2.2 The is bordered to the north and east by the BWOA, existing housing to the south and railway lines to the west. Access to the site is via BioPark Drive from the A100 Broadwater Road. A site location plan is provided at Image 1.1.



Image 1.1: Site Location Plan

Source: Alan Camp Architects



1.3 **Proposed Development**

- 1.3.1 The emerging proposal is for the redevelopment of the site for the construction of some 300 residential dwellings, accessed via BioPark Drive with an ancillary coffee shop and residents' gym on-site. The proposal includes a mix of townhouses and flats and will be supported by car and cycle parking spaces, including car club spaces.
- 1.3.2 The proposal will also encourage and promote sustainable travel through links to existing and future infrastructure in the local area. To the north of the site is the Wheat Quarter which obtained planning permission in 2018 for the redevelopment of the site to provide some 1,500 new homes, a wellness centre, employment spaces and community uses (planning ref: 6/2018/0171/MAJ). The proposal provides the opportunity to provide a pedestrian and cycle link towards this development for future residents to access new facilities and for more direct connections to the facilities and services within the city centre and the railway station.

1.4 **Structure**

- 1.4.1 This Transport Assessment Scoping Report has been prepared to seek agreement with HCC to the scope of the Transport Assessment (TA) which will be submitted in support of a forthcoming planning application at the site. In addition to the TA, a Travel Plan will be submitted in support of the planning application.
- 1.4.2 The remainder of this report is set out in the following sections:
 - Section 2 Policy Context Review;
 - Section 3 Baseline Conditions;
 - Section 4 Emerging Development Proposal;
 - Section 5 Traffic Impact;
 - Section 6 Planning Application Submission; and
 - Section 7 Summary and Conclusions.



SECTION 2 Policy and Guidance Context Review

2.1 **Overview**

- 2.1.1 The TA will include an overview of relevant transport related planning policy. This will include a summary of the appropriate sections of the following documents:
 - The National Planning Policy Framework (2019);
 - WHBC Draft Local Plan Proposed Submission (2016);
 - Welwyn Hatfield District Plan (2005);
 - Welwyn Hatfield District Plan Review Supplementary Planning Guidance Parking Standards (2004);
 - Broadwater Road West Supplementary Planning Document (2008);
 - Hertfordshire Local Transport Plan 4 (2018); and
 - Roads in Hertfordshire: A Design Guide (2011).
- 2.1.2 HCC is requested to confirm that the above list of policies is acceptable and to advise on any additional policies to be included.

2.2 **Parking Standards**

2.2.1 WHBC's parking standards are set out in the Welwyn Hatfield District Local Plan Review – Car Parking Standard (2004). The standards are subject to zonal areas whereby more accessible zones are able to provide a lower car parking provision. The residential car parking standards, which are to be used as guidelines rather than maximums¹, and cycle parking standards are summarised in Table 2.1.

¹ As set out in the WHBC's Interim Policy for Car Parking Standards and Garage Sizes (2014).

| | | Car Parking S | Standards | Cycle Parking |
|-------------|---------------------|-----------------------------|-----------------------------|--|
| | | Zones 1 and 2 | Elsewhere | Standards |
| | 1 bedroom dwellings | 0.75 spaces per dwelling | 1.25 spaces per dwelling | 1 long term space per unit if no garage |
| ential | 2 bedroom dwellings | 1 space per dwelling | 1.5 spaces per dwelling | or shed provided. |
| Residential | 3 bedroom dwellings | 1.5 spaces per dwelling | 2.25 spaces per dwelling | |
| | 4 bedroom dwellings | 2 spaces per dwelling | 3 spaces per dwelling | |

Table 2.1: Residential Car and Cycle Parking Standards – WHBC

Source: WHBC Car Parking Standards 2004

2.2.2 The site is located within Zone 2 which the standards state should only provide 25-50% of the maximum parking standard outlined above. This is the equivalent of between 0.2-0.4 spaces per dwelling for 1 beds, 0.25-0.5 spaces per dwellings for 2 beds, 0.4 - 0.75 spaces for 3 beds, and 0.5-1 space for 4 beds.

SECTION 3 Baseline Conditions

3.1 **Overview**

3.1.1 The TA will provide a full review of sustainable travel opportunities for future residents of the development. The key points are set out within this section to assist HCC in their considerations regarding the scope of the TA.

3.2 **Existing Use**

- 3.2.1 The site is currently occupied by a vacant employment site known as the BioPark a research and development (B1b land use) complex formerly owned and used by the University of Hertfordshire.
- 3.2.2 The existing floor area of the site is 13,872 sqm with some 160 associated car parking spaces. Access to the site is provided via BioPark Drive, a private road, forming a simple crossover to the A100 Broadwater Road to the east.

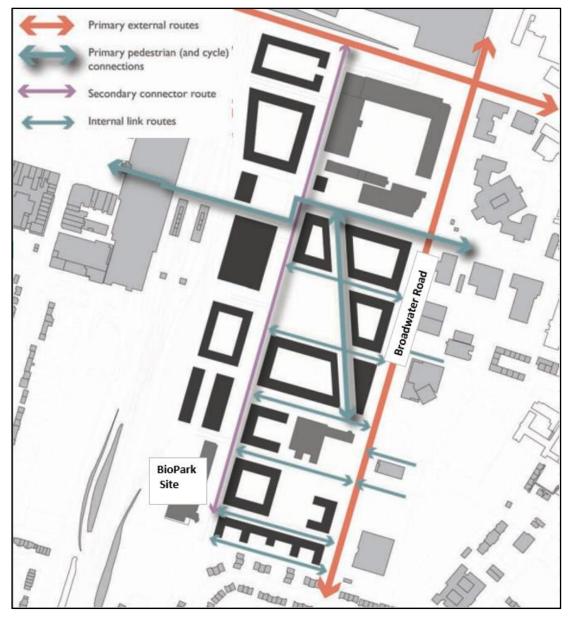
3.3 **Opportunities to Travel by Walking and Cycling**

<u>Walking</u>

- 3.3.1 There are wide footways located on both sides of Broadwater Road in the vicinity of the site. Dropped kerbs and tactile paving are provided along the majority of accesses, aiding pedestrian connectivity.
- 3.3.2 There is a footway along the northern side of BioPark Drive which connects with the existing provision along Broadwater Road. As part of the BWOA, a pedestrian route will be provided from the site north into the Wheat Quarter and towards the bridge of the railway. The SPD sets out the future access strategy and vision through the opportunity area which is extracted and provided at Image 3.1.



Image 3.1: Access Strategy – BWOA



Source: Broadwater Road West Supplementary Planning Document

3.3.3 A review of the permitted plans for the Wheat Quarter site (planning ref: 6/2018/0171/MAJ) suggest that the proposed pedestrian links outlined in the SPD towards the BioPark site and Otto Road will be not be provided, with the location of the substation for the Wheat Quarter located at the edge of the red line with no proposed links south or along Otto Road – see Image 3.2.





Image 3.2: Extract of Wheat Quarter Proposed Plans

Source: Collado Collins Architecture

- 3.3.4 HCC are requested to confirm whether the future Wheat Quarter layout will provide the north/ south pedestrian links as set out within the SPD.
- 3.3.5 A footbridge at Welwyn Garden City railway station, which links the station to the east of Welwyn Garden City, is currently undergoing a £1 million refurbishment. The works are anticipated to be completed later in Summer 2020. Further, additional phases of the works, including new lifts and improved stairs will be delivered by the Wheat Quarter.

Cycling

- 3.3.6 There are a number of cycle routes in the vicinity of the site. Route 12 can be joined on the A6129 which is 400m to the south. Route 12 runs in sections from Enfield Lock in north London to Spalding via Stevenage, St Neots and Peterborough.
- 3.3.7 Route 61 travels from Maidenhead to Hatfield, Welwyn Garden City and Hertford and terminates near Hoddesdon. Image 3.3 provides a capture from the Sustrans website.



Image 3.3: National Cycle Network Routes



Source: Sustrans

3.4 **Public Transport**

<u>Bus</u>

- 3.4.1 The Penn Way bus stops are located circa 160m walking distance from the site on Broadwater Road. Both stops are served by the 601 AlbanWay bus route. The 601 bus service routes between Welwyn Garden City and Borehamwood via Hatfield and St Albans, and there are two services per hour across the weekday.
- 3.4.2 Both of the bus stops provide a shelter, seating and timetable information. Passengers accessing the northbound bus stop will be required to cross Broadwater Road.

Rail

3.4.3 Welwyn Garden City railway station is located circa 1km walking distance, via BioPark Drive and Broadwater Road, from the site (equivalent to a 12-minute walk). A future link, through the Wheat Quarter development to the station and via the new footbridge, is anticipated to less than 600m from the site.



3.4.4 The station is served by Great Northern and Thameslink rail services. A summary of the principal rail services that operate from the station is provided in Table 3.1.

| Destination | Approximate Journey Time | Typical Off-Peak Frequency |
|--------------------|--------------------------|----------------------------|
| Moorgate | 48 mins | 4 per hour |
| London Kings Cross | 28 mins | 2 per hour |
| Cambridge | 58 mins | 1 per hour |
| Royston | 37 mins | 2 per hour |

Table 3.1: Summary of Rail Services – Welwyn Garden City Railway Station

Source: National Rail (Accessed August 2020)

3.4.5 It can be seen from Table 3.1 that a number of fast and frequent rail services operate from Welwyn Garden City to key destinations, with around six services per hour to London.

Future Bus

3.4.6 HCC's Local Transport Plan 4 includes the aspiration for a Bus Rapid Transport (BRT) network across Hertfordshire from Hemel Hempstead and Welwyn, via St Albans. The BRT seeks to promote bus travel through a range of bus priority measures to deliver improved journey times and enhance journey reliability. An extract of the proposed route is shown on green in Image 3.4.

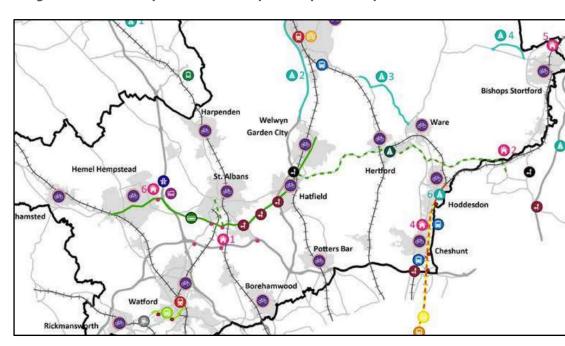


Image 3.4: Local Transport Plan – Transport Proposals Map Extract

Source: Hertfordshire County Council Local Transport Plan 5



3.4.7 The proposed routing illustrates the BRT routing to the east of the railway lines in Welwyn and therefore it may a potential routing along Broadwater Road. The BRT will therefore provide a key east to west link across Hertfordshire.

3.5 **Local Highway Network**

- 3.5.1 BioPark Drive, which is the site's only existing link to the wider highway network, is a private road and subject to a 15mph speed limit. The access forms a simple crossover to Broadwater Road.
- 3.5.2 Broadwater Road is a two-way single carriageway road subject to a 30mph speed limit. It is streetlit and there are footways on both sides of the road. Broadwater Road runs north towards Welwyn and access to the A1 (M) and south towards Hatfield and the A414. There are single yellow lines present on Broadwater Road, in the vicinity of the site which indicated that parking is prohibited between 0800-1800 Monday to Saturday. In addition, there are loading restrictions on Broadwater Road which prohibit loading between 0800-0900 and 1700-1800 Monday to Friday.

3.6 **Local Travel Characteristics**

3.6.1 The site is located within the 2011 Census Middle Super Output Area (MSOA) 'Welwyn and Hatfield 007. Future residents may demonstrate similar travel patterns to residents already contained with this MSOA. The MSOA boundary is shown at Image 3.5. It is noted that the site is located at the far western side of the MSOA, adjacent to the town centre and railway station, whilst much of the MSOA contains the low density residential areas of Peartree, some approaching 2km from the station. As such, the MSOA 006 (to the west of the railway line) has also been reviewed, with its boundary shown at Image 3.6.

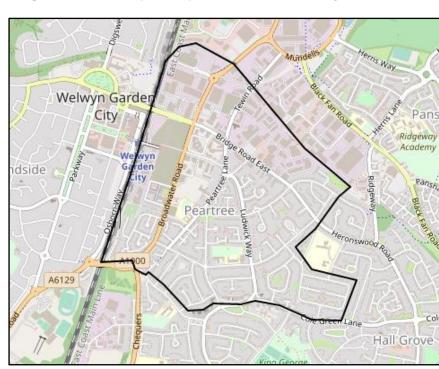


Image 3.5: Middle Super Output Area (MSOA) Welwyn and Hatfield 007

Source: Nomis

i-Transport



Image 3.6: Middle Super Output Area (MSOA) Welwyn and Hatfield 006

Source: Nomis

i-Transport

Method of Travel to Work - Mode Share

3.6.2 The method of travel to work data has been extracted from the 2011 Census for residents in the local area of both MSOAs. A summary of the modal split data for each of the MSOAs and the average across the two is summarised in Table 3.2.

| Mode | MSOA 007 | | MSOA 006 | | Average | |
|---------------------------|----------|-----|-----------------|-----|---------|-----|
| | Count | % | Count | % | Count | % |
| Driving a Car or Van | 1,941 | 57% | 1,650 | 57% | 3,591 | 57% |
| On Foot | 563 | 17% | 384 | 13% | 947 | 15% |
| Train | 329 | 10% | 523 | 18% | 852 | 14% |
| Bicycle | 175 | 5% | 77 | 3% | 252 | 4% |
| Passenger in a Car or Van | 170 | 5% | 103 | 4% | 273 | 4% |
| Bus, Minibus, Coach | 121 | 4% | 81 | 3% | 202 | 3% |
| Motorcycle, scooter | 37 | 1% | 17 | 1% | 54 | 1% |

Table 3.2: Method of Travel to Work – MSOAs Welwyn and Hatfield 006 and 007

| Mode | MSOA | 007 | MSOA | 006 | Aver | rage | |
|--------------------------------|-------|------|-------|------|-------|------|--|
| | Count | % | Count | % | Count | % | |
| Underground, metro, light rail | 33 | 1% | 32 | 1% | 65 | 1% | |
| Taxi | 24 | 1% | 12 | 0% | 36 | 1% | |
| Other | 12 | 0% | 16 | 1% | 28 | 0% | |
| Total | 3,405 | 100% | 2,895 | 100% | 6,300 | 100% | |

Source: 2011 Census and Consultant's Estimates.

Note: Excludes those who work from home and not in employment.

3.6.3 The data demonstrates that existing residents in the local area predominately travel to work by car (57%) with a further 19% walking or cycling and 17% by public transport.

Car Ownership

3.6.4 The level of local car ownership rates for the Welwyn and Hatfield MSOAs 007 and 006 has also been obtained from the 2011 census data. A summary of the car ownership data is outlined in Table 3.3.

| Car or Van Availability | MSOA Welwyn and Hatfield 007 | | MSOA Welwyn and Hatfield 007 | | |
|-------------------------------------|---------------------------------|----------|---------------------------------|---------|--|
| | Households | Cars | Households | Cars | |
| No cars or vans in household | 803 | 0 | 721 | 0 | |
| 1 car or van in household | 1,373 | 1,373 | 1,271 | 1,271 | |
| 2 cars or vans in household | 622 | 1,244 | 813 | 1,626 | |
| 3 cars or vans in household | 107 | 321 | 148 | 444 | |
| 4 or more cars or vans in household | 30 | 130 | 44 | 204 | |
| All households | 2,935 | - | 2,997 | - | |
| All cars or vans in area | - | 3,068 | - | 3,545 | |
| Car Ownership | 1.05 per h | ousehold | 1.18 per ho | usehold | |

Table 3.3: Local Car Ownership Data – MSOA Welwyn and Hatfield 006 and 007

Source: 2011 Census and Consultant's Estimates

3.6.5 The data demonstrates that the average car ownership level across the two MSOAs is 1.11 cars/vans per household. Table 3.3 also demonstrates that on average circa 26% of the total households in these areas live car free whilst on average 45% have access to one car.

Car Ownership for Flats

3.6.6 The 2011 Census data for the car ownership levels in the immediate area has been examined further to obtain the car ownership rates for flats/maisonettes within the MSOAs Welwyn and Hatfield 007 and 006. A summary of the number of cars or vans available to the flats/maisonettes within the MSOA and subsequent car ownership level for flats is provided in Table 3.4.

| Table 3.4: | Accommodation | Type by Car | r or Van Availability |
|------------|---------------|-------------|-----------------------|
|------------|---------------|-------------|-----------------------|

| Car or Van Availability | MSOA Wel Hatfield | | MSOA Welwyn and Hatfield 006 | | |
|-------------------------------------|--|-----|-----------------------------------|----------------|--|
| | No. of Flats or Maisonettes | | No. of Flats or Maisonettes | No. of Cars | |
| No cars or vans in household | 271 | 0 | 446 | 0 | |
| 1 car or van in household | 297 | 297 | 325 | 325 | |
| 2 or more cars or vans in household | 65 | 145 | 52 | 118 | |
| Total | 633 | 442 | 823 | 443 | |
| Car Ownership for flats/maisonettes | 0.70 per flat/maisonette 0.54 per flat/maiso | | | aisonette | |

Source: 2011 Census and Consultant's Estimates



Note: The car ownership for 2 or more cars is 2.23 for MSOA 007 and 2.26 for MSOA 006.

3.6.7 The data demonstrates that the average car ownership for flats/ maisonettes across the two MSOAs Welwyn and Hatfield 007 and 006 is 0.62 cars per unit per unit. This figure therefore illustrates that there is a demand for less than one car/van per flat/maisonette in the area. Further, the data demonstrates that, on average, nearly half (49%) of residents residing in a flat live car free.

3.7 Local Facilities

3.7.1 A review of the local facilities close to the site is presented in Table 3.5. Welwyn Garden City town centre is located less than 1km walking distance from the site which includes access to a range of local services and facilities. Further, in the future with the potential link through the Wheat Quarter, the walking distance to the town centre, and other destinations, from the site will be less than 600m.

| Destination | Approx. Distance from Site | Walking Time | Cycling Time | | |
|---|-------------------------------|--------------|--------------|--|--|
| | Retail | | | | |
| Little Orchards Green Grocers | 700m | 8 min | 3 mins | | |
| Welwyn Garden City town centre | 950m | 11 min | 4 mins | | |
| The Howard Shopping Centre Centre | 950m | 11 min | 4 mins | | |
| Waitrose & Partners Supermarket | 1.2km | 14 min | 5 mins | | |
| Education | | | | | |
| Peartree Primary School | 600m | 7 mins | 2 mins | | |
| Stanborough School | 1.8km | 21 mins | 7 mins | | |
| | Leisure | | | | |
| Anytime Fitness Welwyn Garden City | 1.1km | 13 mins | 4 mins | | |
| Gosling Sports Park | 1.3km | 15 mins | 5 mins | | |
| Campus West Cinema | 1.6km | 19 mins | 7 mins | | |
| | Health | | | | |
| Peartree Lane Surgery | 500 | 6 mins | 2 mins | | |
| Peartree Pharmacy | 500 | 6 mins | 2 mins | | |
| Church Road Dental Practice Source: Consultant's Estimates | 1.3km | 15 mins | 5 mins | | |

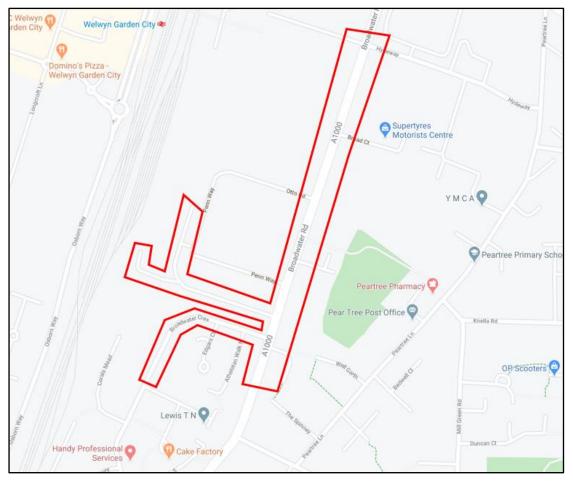
Table 3.5: Summary of Local Facilities

Source: Consultant's Estimates

Note: Distanced measured via BioPark Drive – distance reduced by circa 400m once access via Wheat Quarter site available.

3.8 Road Safety

3.8.1 Personal Injury Accident (PIA) data for the local highway network will be obtained and reviewed.This will cover the last five years for which data is available for the study area shown in Image 3.7.





Source: Google Maps

SECTION 4 Emerging Development Proposal

4.1 **Overview**

- 4.1.1 The emerging proposal is for the redevelopment of the site to provide circa 300 residential units with some ancillary commercial space.
- 4.1.2 The current emerging proposals are for a mix of 1-3 bedroom units (102 x 1 bed, 123 x 2 bed, 64 x 3 bed) and eight 4 bedroom town houses with less than 100 sqm of commercial use (anticipated to be occupied by a resident's gym and coffee shop).
- 4.1.3 The TA will set out in further details the development proposal including access arrangements, parking provision and servicing and delivery arrangements. This section sets out the emerging proposals with regard to these key points.

4.2 Access Arrangements

4.2.1 Access to the site will be via the existing BioPark Drive access. The access is shown in Image 4.1. The access will be for all modes including vehicular, pedestrian and cycle.



Image 4.1: BioPark Drive Access

Source: Google Maps



- 4.2.2 The access will be improved to provide a wider shared footway/ cycleway on the northern side of the access road. This footway will connect with the existing infrastructure on Broadwater Road and will route directly into the site. any alterations to the adopted highway network on Broadwater Road will be subject to a Stage 1 Road Safety Audit.
- 4.2.3 An access road through the site will provide access to a basement car park for the residential units as well as a delivery zone (for servicing and deliveries) and access to on-street car club spaces.
- 4.2.4 The proposal will also safeguard a potential pedestrian and cycle route to the north of the site to connect with the emerging Wheat Quarter development. This will provide future residents and visitors a more direct route towards Welwyn Garden City railway station and Welwyn town centre for access for additional services and facilities.

4.3 **Parking Provision**

Vehicles

- 4.3.1 As set out in Table 2.1, the site is located within Zone 2 of WHBC's parking standards which allows a reduction in car parking provision to take account of the site's good accessibility via non-car modes. Further, it is noted that the standards are to be used as a guideline for future development.
- 4.3.2 Based on the reduced parking permissible within this Zone 2 site, the maximum parking permissible would be:
 - 102 x 1 bed 20-41 spaces
 - 123 x 2 bed 31-62 spaces
 - 64 x 3 bed 26-48 spaces
 - 8 x 4 bed 4-8 spaces
 - Total 81-159 spaces
- 4.3.3 The emerging proposal includes some 156 car parking spaces across the site. This equates to a parking ratio of approximately 0.5 spaces per unit and is consistent with the policy requirements as residential development in this location. The spaces will be distributed across the site as follows:



- 126 parking spaces within the basement (including 28 disabled spaces);
- 4 garage parking spaces;
- 16 under croft parking spaces (for the houses); and
- 10 car club parking spaces.

<u>Cycle</u>

- 4.3.4 The proposal also includes cycle parking for both the residential and commercial uses. The cycle parking will be provided at a rate of one cycle parking space per home, in accordance with WHBC's standards.
- 4.3.5 In addition, some three cycle parking spaces will be provided for the gym and coffee shop, in line with WHBC's standards.

4.4 Servicing and Deliveries

- 4.4.1 The emerging proposal currently includes a servicing and delivery area for vehicles. The area will be used for the commercial units as well as any deliveries to the residential units. Refuse vehicles will also collect the bins from this location.
- 4.4.2 The TA will provide further information with regard to the design of this area and will include swept path analysis of a range of vehicles, including a refuse vehicle, using this area.

SECTION 5 Traffic Impact

5.1 **Overview**

- 5.1.1 This section of the Scoping Note sets out the proposed approach to assessing the transport impacts of the development.
- 5.1.2 The scope of the traffic impact section has been guided by the traffic principles set out within the Wheat Quarter TA.

5.2 **Existing Trip Attraction**

- 5.2.1 The site is currently occupied by a vacant employment site known as the BioPark, a research and development (B1b land use) complex formerly owned and used by the University of Hertfordshire. The existing floor area of the site is some 13,872 sqm.
- 5.2.2 The potential trip attraction of the site as a research and development centre has been estimated using the TRICS database. The site has been vacant since the beginning of 2020 and therefore existing multi-modal surveys of the site are unavailable.
- 5.2.3 The trip rates for the existing land using have been extracted from the TRICS database based on the following parameters:
 - Land use category: Employment (Office);
 - Size Range: up to 20,000 sqm;
 - Date range: January 2012 onwards; and
 - Location: Town Centre and Edge of Town Centre sites within England (excluding Greater London) were included.
- 5.2.4 The extracted trip rates and resultant trip attraction (based on the existing floor area of 13,872sqm) is summarised in Table 5.1. The full trip rate report is provided at Appendix A.

| | Morning Peak Hour (0800-0900) | | | ning F Hour '00-18 | | | 12 Hour 700-1900) | | |
|------------------------------|-------------------------------------|------|-------------|--------------------------|------|-------------|----------------------|-------|-------------|
| | Arr | Dep | Two- Way | Arr | Dep | Two- Way | Arr | Dep | Two- Way |
| | Total Persons | | | | | | | | |
| Trip Rates (per 100 sqm) | 1.61 | 0.13 | 1.74 | 0.13 | 1.51 | 1.64 | 8.84 | 8.72 | 17.56 |
| Trip Attraction (13,872 sqm) | 223 | 18 | 241 | 18 | 210 | 228 | 1,227 | 1,210 | 2,436 |
| Vehicles | | | | | | | | | |
| Trip Rates (per 100 sqm) | 0.87 | 0.11 | 0.98 | 0.09 | 0.76 | 0.85 | 3.36 | 3.28 | 6.64 |
| Trip Attraction (13,872 sqm) | 121 | 15 | 137 | 12 | 106 | 118 | 466 | 455 | 922 |

Table 5.1: Existing Office Trip Rates and Trip Attraction

Source: TRICS and Consultant's Estimates

Note: Numbers may not sum due to rounding.

- 5.2.5 Table 5.1 demonstrates the following:
 - Up to 241 two-way total person trips and up to 137 two-way vehicle trips during the morning peak hour;
 - Some 228 two-way total person trips and up to 118 two-way vehicle trips during the evening peak hour; and
 - Circa 2,436 two-way total person trips and some 922 two-way vehicle trips across the 12 hour (0700-1900) weekday.

5.3 **Proposed Trip Generation**

- 5.3.1 In order to derive the trip generation for the proposed residential development, trip rates have been obtained from the TRICS trip generation database for comparable residential sites with the following selection criteria:
 - Land use category: Residential (flats privately owned);
 - Size Range: 100-500 dwellings;
 - Date range: Only recent surveys since January 2012 were included; and
 - Location: Edge of Town Centre and Suburban sites within England (excluding Greater London) were included.

5.3.2 Table 5.2 summarises the residential trip rates for the morning and evening peak hour obtained from the TRICS trip generation database and the subsequent total person and vehicular trip generation of the proposed 300 residential dwellings. The full TRICS output is included as Appendix B.

| | Morning Peak Hour (0800-0900) | | Evening Peak Hour (1700-1800) | | | 12 Hour (0700-1900) | | | |
|-----------------------------|----------------------------------|------|----------------------------------|------|------|------------------------|------|------|-------------|
| | Arr | Dep | Two- Way | Arr | Dep | Two- Way | Arr | Dep | Two- Way |
| Total Persons | | | | | | | | | |
| Trip Rates (per dwelling) | 0.10 | 0.50 | 0.60 | 0.43 | 0.21 | 0.64 | 2.65 | 2.72 | 5.37 |
| Trip Generation (300 Units) | 30 | 150 | 180 | 130 | 62 | 191 | 795 | 817 | 1,612 |
| Vehicles | | | | | | | | | |
| Trip Rates (per dwelling) | 0.06 | 0.18 | 0.24 | 0.18 | 0.10 | 0.28 | 1.18 | 1.22 | 2.40 |
| Trip Generation (300 Units) | 17 | 54 | 71 | 54 | 29 | 83 | 355 | 365 | 721 |

| Table 5.2: Proposed | l Residential Trip | Rates and Trip | Generation – Priva | ate Flats |
|---------------------|--------------------|-----------------------|---------------------------|-----------|
|---------------------|--------------------|-----------------------|---------------------------|-----------|

Source: TRICS and Consultant's Estimates.

Note: Numbers may not sum due to rounding.

- 5.3.3 Table 5.2 demonstrates that the proposal is expected to generate the following:
 - Up to 180 two-way total person trips and up to 71 two-way vehicle trips during the morning peak hour;
 - Some 190 two-way total person trips and up to 83 two-way vehicle trips during the evening peak hour; and
 - Circa 1,612 two-way total person trips and some 721 two-way vehicle trips across the 12 hour (0700-1900) weekday.

Modal Split Trip Generation

5.3.4 The proposed multi-modal trip generation of the site has been estimated using the TRICS data. The resultant multi-modal trip generation of the proposed development is summarised in Table 5.3.

| | Multi-Modal Trip Generation | | | | | | | | |
|------------------|-----------------------------|-----|------------|-----------------------------|-----|------------|------------------------|-----|------------|
| | AM Peak Hour (0800-0900) | | | PM Peak Hour (1700-1800) | | | 12 Hour (0700-1900) | | |
| | Arr | Dep | Two Way | Arr | Dep | Two Way | Arr | Dep | Two Way |
| Vehicle | 17 | 54 | 71 | 54 | 29 | 83 | 355 | 365 | 721 |
| Public Transport | 3 | 34 | 37 | 22 | 3 | 25 | 102 | 103 | 205 |
| Walk | 6 | 21 | 28 | 20 | 18 | 38 | 165 | 182 | 347 |
| Cycle | 1 | 3 | 4 | 3 | 1 | 4 | 12 | 13 | 25 |
| Other | 3 | 38 | 40 | 31 | 11 | 41 | 161 | 154 | 314 |
| TOTAL | 30 | 150 | 180 | 130 | 62 | 191 | 795 | 817 | 1,612 |

Table 5.3: Residential Multi-Modal Trip Generation

Source: TRICS. Note: Numbers may not sum due to rounding. Other: Includes taxi, vehicle occupant and OGVs

- 5.3.5 The multi-modal trip generation of the site, using TRICs trip generation, reveals the site has the potential to generate the following:
 - Up to 42 (two-way) walking and cycling trips during the peak hours; and
 - Up to 37 (two-way) trips by public transport (including rail and bus) during the network peak hours.

5.4 **Net Impact**

5.4.1 The net impact of the development proposal at the site, with regard to total persons and vehicles, across the network peak hours and across the 12 hour day is demonstrated in Table 5.4.

Table 5.4: Net Impact

| | Morning Peak Hour (0800-0900) | | Evening Peak Hour (1700-1800) | | | 12 Hour (0700-1900) | | | |
|---------------|----------------------------------|------|----------------------------------|-------|------|------------------------|-------|-------|-------------|
| | Arr | Dep | Two- Way | Arr | Dep | Two- Way | Arr | Dep | Two- Way |
| Total Persons | | | | | | | | | |
| Existing | 223 | 18 | 241 | 18 | 210 | 228 | 1,227 | 1,210 | 2,436 |
| Proposed | 30 | 150 | 180 | 130 | 62 | 191 | 795 | 817 | 1,612 |
| Difference | -193 | +132 | -61 | +112 | -148 | -37 | -432 | -393 | -824 |
| | | | | Vehic | es | | | | |
| Existing | 121 | 15 | 137 | 12 | 106 | 118 | 466 | 455 | 922 |
| Proposed | 17 | 54 | 71 | 54 | 29 | 83 | 355 | 365 | 721 |
| Difference | -104 | +39 | -66 | +42 | -77 | -35 | -111 | -90 | -201 |

Source: Consultant's Estimates

- 5.4.2 It can be seen from Table 5.4 that the development proposal will result in the following:
 - An overall reduction in total two-way person trips across the day, including a reduction of up 60 two-way total person trips during the network peak hours;
 - An overall reduction in two-way vehicle trips across the day and during the network peak hours, including:
 - A reduction of up to 66 vehicles during the morning peak hour; and
 - Circa 35 fewer vehicles during the evening peak hour.

5.5 **Operational Assessments**

- 5.5.1 The TA will undertake operational assessments of the site access with Broadwater Road for a with and without development future scenario.
- 5.5.2 The proposal is anticipated to reduce both the number of vehicle and total person trips generated by the site during the network peak hours. As such, due to the overall reduction in vehicle trips as a result of the proposal, no detailed assessment of the impact of the proposal is considered on further links or junctions.



5.6 Travel Plan

5.6.1 The planning application will also be supported by a Travel Plan. The Travel Plan will include detailed information with regard to the sustainable transport options available to future residents, targets to reduce single occupancy car driver trips, and measures that will be implemented to encourage and support sustainable travel.



SECTION 6 Planning Application Submission

6.1.1 The following documents will be prepared by i-Transport and submitted with the planning application. A summary of the proposed contents of each report is provided below.

6.2 Transport Assessment

- 6.2.1 The Transport Assessment will include the following:
 - Site Assessment detailed review of the local walking and cycling routes, public transport services and road safety (for the latest five year period) on the local highway network within the immediate vicinity of the site.
 - Proposed Development detailed summary of the proposal, including:
 - Access arrangements;
 - Parking provision; and
 - Servicing and deliveries arrangements for both the commercial and residential elements.
 - Existing Trip Attraction a summary of the existing site's trip attraction;
 - Proposed Trip Generation a summary of the proposed development's trip generation.
 - Transport Impact a review of the likely impact of the proposal on the local network. This will include assessing the change in number of vehicles on the local highway network as well as the number of future residents/ visitors using public transport services and walking and cycling to the site. Operational assessments of the site access junction with Broadwater Road will also be undertaken.

6.3 Travel Plan

- 6.3.1 The Travel Plan will include the following:
 - Aims and Benefits the main aims and benefits of the Travel Plan.
 - Measures a summary of measures that will be implemented at the site to encourage and support sustainable travel modes.
 - Targets indicative targets to help support the main aims of the Travel Plan.

SECTION 7 Summary and Conclusion

7.1 **Summary**

- 7.1.1 Welwyn Park Homes Ltd has appointed i-Transport LLP to provide highways and transport advice in relation to the forthcoming planning application and redevelopment of the Bio-Park site in Welywn Garden City for circa 300 dwellings. This Transport Assessment Scoping Report sets out the key parameters to be used in the Transport Assessment (TA) that will accompany the forthcoming planning application.
- 7.1.2 The site is located within Welwyn and Hatfield Borough Council (WHBC) district and Hertfordshire County Council (HCC) is the local highway authority. The site is within the southern end of the Broadwater West Opportunity Area (BWOA) which is covered in a Supplementary Planning Document (SPD). The SPD did not propose the redevelopment of this application site.
- 7.1.3 The is bordered to the north and east by the BWOA, existing housing to the south and railway lines to the west. Access to the site is via BioPark Drive from the A100 Broadwater Road.
- 7.1.4 The emerging proposal is for the redevelopment of the site for the construction of some 300 residential dwellings, accessed via BioPark Drive with an ancillary coffee shop and residents gym on-site. The proposal includes a mix of townhouses and flats and will be supported by car and cycle parking spaces, including car club spaces.
- 7.1.5 The proposal will also encourage and promote sustainable travel through links to existing and future infrastructure in the local area. To the north of the site is the Wheat Quarter which obtained planning permission in 2018 for the redevelopment of the site to provide some 1,500 new homes, a wellness centre, employment spaces and community uses (planning ref: 6/2018/0171/MAJ). The proposal provides the opportunity to provide a pedestrian and cycle link towards this development for future residents to access new facilities and for more direct connections to the facilities and services within the city centre and the railway station.

7.2 **Conclusions**

7.2.1 Guidance is requested from HCC in relation to the acceptability of the following points for inclusion within an assessment to support the forthcoming planning application:



- The access and movement strategy put forward, including details of any safeguarded routes from the adjacent site secured as part of the consented application to be consistent with the BWOA SPD;
- The multi-modal trip assessment methodology
- The geographic extent of walking, cycling, and public transport infrastructure assessment;
- The quantum of car and cycle parking proposed;
- The extent of operational highway assessment being limited to the site access to Broadwater Road, due to the net reduction in vehicle trips associated with the proposal; and
- Any emerging policy or guidance documents to be considered that have not been identified.

APPENDIX A.Office Trip Rates

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Calculation Reference: AUDIT-236603-200811-0809

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT Category : A - OFFICE MULTI-MODAL VEHICLES

| Selected | regions | and | areas |
|----------|---------|-----|-------|
| | | | |

| JEIE | | |
|------|--------------------------------|--------|
| 02 | SOUTH EAST | |
| | BD BEDFORDSHIRE | 1 days |
| | ES EAST SUSSEX | 2 days |
| | EX ESSEX | 1 days |
| | HF HERTFORDSHIRE | 2 days |
| | SO SLOUGH | 1 days |
| 03 | SOUTH WEST | |
| | BR BRISTOL CITY | 1 days |
| 04 | EAST ANGLIA | |
| | CA CAMBRIDGESHIRE | 1 days |
| | NF NORFOLK | 2 days |
| | SF SUFFOLK | 1 days |
| 05 | EAST MIDLANDS | |
| | DS DERBYSHIRE | 1 days |
| 06 | WEST MIDLANDS | |
| | WK WARWICKSHIRE | 1 days |
| 07 | YORKSHIRE & NORTH LINCOLNSHIRE | |
| | NY NORTH YORKSHIRE | 2 days |
| 80 | NORTH WEST | |
| | GM GREATER MANCHESTER | 2 days |
| 09 | NORTH | |
| | CB CUMBRIA | 1 days |
| | TV TEES VALLEY | 1 days |
| | TW TYNE & WEAR | 1 days |
| | | |

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

Primary Filtering selection:

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

Include all surveys

| Parameter: | Gross floor area |
|-------------------------|---------------------------|
| Actual Range: | 178 to 45000 (units: sqm) |
| Range Selected by User: | 178 to 20000 (units: sqm) |

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by:

Date Range: 01/01/12 to 13/11/19

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

| <u>Selected survey days:</u> | |
|------------------------------|--------|
| Monday | 5 days |
| Tuesday | 3 days |
| Wednesday | 4 days |
| Thursday | 6 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.

| <u>Selected Locations:</u> | |
|----------------------------|----|
| Town Centre | 8 |
| Edge of Town Centre | 13 |

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.

Page 2 Licence No: 236603

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

Secondary Filtering selection:

<u>Use Class:</u>

B1

21 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®.

| days |
|----------------|
| days |
| days |
| days |
| days |
| da da da |

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

| Population within 5 miles: | |
|----------------------------|--------|
| 25,001 to 50,000 | 3 days |
| 75,001 to 100,000 | 2 days |
| 100,001 to 125,000 | 1 days |
| 125,001 to 250,000 | 7 days |
| 250,001 to 500,000 | 5 days |
| 500,001 or More | 3 days |

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

| Car ownership within 5 miles: | |
|-------------------------------|---------|
| 0.6 to 1.0 | 11 days |
| 1.1 to 1.5 | 9 days |
| 1.6 to 2.0 | 1 days |

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

| <u>Travel Plan:</u> | |
|---------------------|---------|
| Yes | 4 days |
| No | 17 days |

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

PTAL Rating: No PTAL Present

21 days

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

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LIST OF SITES relevant to selection parameters

| <u>LISI</u> | LIST OF STREST elevant to selection parameters | | | | |
|-------------|--|---|--|--|--|
| 1 | BD-02-A-03 OFFICES BROMHAM ROAD BEDFORD | | BEDFORDSHIRE | | |
| 2 | Edge of Town Centre No Sub Category Total Gross floor area: <i>Survey date: MONDAY</i> BR-02-A-02 PLANNING & ENGI ST THOMAS STREET BRISTOL | 1469 sqm <i>14/10/13</i> I NEERI NG | <i>Survey Type: MANUAL</i> BRI STOL CITY | | |
| 3 | Town Centre Built-Up Zone Total Gross floor area: <i>Survey date: FRIDAY</i> CA-02-A-05 OFFICES NEW ROAD PETERBOROUGH | 5736 sqm <i>29/11/13</i> | <i>Survey Type: MANUAL</i> CAMBRI DGESHI RE | | |
| 4 | Town Centre Built-Up Zone Total Gross floor area: <i>Survey date: TUESDAY</i> CB-02-A-02 OFFICE PORT ROAD CARLISLE | 8793 sqm <i>16/12/14</i> | <i>Survey Type: MANUAL</i> CUMBRIA | | |
| 5 | Edge of Town Centre Industrial Zone Total Gross floor area: <i>Survey date: FRIDAY</i> DS-02-A-01 PRIME PARK WAY DERBY | 925 sqm <i>24/06/16</i> ELOPERS | <i>Survey Type: MANUAL</i> DERBYSHIRE | | |
| 6 | Edge of Town Centre No Sub Category Total Gross floor area: <i>Survey date: WEDNESDAY</i> ES-02-A-12 VICARAGE LANE HAILSHAM | 594 sqm <i>25/09/19</i> | <i>Survey Type: MANUAL</i> EAST SUSSEX | | |
| 7 | Edge of Town Centre Built-Up Zone Total Gross floor area: <i>Survey date: THURSDAY</i> ES-02-A-13 OFFICES ROMAN ROAD HOVE | 3640 sqm <i>26/11/15</i> | <i>Survey Type: MANUAL</i> EAST SUSSEX | | |
| 8 | Edge of Town Centre Residential Zone Total Gross floor area: <i>Survey date: WEDNESDAY</i> EX-02-A-03 HMRC VICTORIA AVENUE SOUTHEND-ON-SEA | 280 sqm <i>04/07/18</i> | <i>Survey Type: MANUAL</i> ESSEX | | |
| | Town Centre Built-Up Zone Total Gross floor area: <i>Survey date: WEDNESDAY</i> | 45000 sqm <i>23/10/13</i> | Survey Type: MANUAL | | |

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|--------------|--|------------------------------------|---|----------------------------|
| -Transport L | LP 4 Lombard Street London | | | Licence No: 23660 |
| <u> 1157</u> | OF SITES relevant to selection parameters (| (<u>Cont.)</u> | | |
| 9 | GM-02-A-08 REGUS FOUNTAIN STREET MANCHESTER | | GREATER MANCHESTER | |
| | Town Centre Built-Up Zone Total Gross floor area: <i>Survey date: MONDAY</i> | 3960 sqm <i>26/09/16</i> | Survey Type: MANUAL | |
| 10 | GM-02-A-09 LEASED OFFICES NEW MOUNT STREET MANCHESTER | | GREATER MANCHESTER | |
| | Edge of Town Centre Built-Up Zone Total Gross floor area: <i>Survey date: MONDAY</i> | 2500 sqm <i>26/09/16</i> | Survey Type: MANUAL | |
| 11 | HF-02-A-03 OFFICE 60 VICTORIA STREET ST ALBANS | | HERTFORDSHI RE | |
| 12 | Edge of Town Centre Built-Up Zone Total Gross floor area: <i>Survey date: WEDNESDAY</i> HF-02-A-04 OFFICES STATION WAY ST ALBANS | 610 sqm <i>16/10/13</i> | <i>Survey Type: MANUAL</i> HERTFORDSHIRE | |
| 13 | Edge of Town Centre Residential Zone Total Gross floor area: <i>Survey date: THURSDAY</i> NF-02-A-02 FINANCIAL PLANNI NORTH QUAY GREAT YARMOUTH | 5000 sqm <i>02/10/14</i> ERS | <i>Survey Type: MANUAL</i> NORFOLK | |
| 14 | Edge of Town Centre Commercial Zone Total Gross floor area: <i>Survey date: MONDAY</i> NF-02-A-03 OFFICES NORTH QUAY | 894 sqm <i>11/09/17</i> | <i>Survey Type: MANUAL</i> NORFOLK | |

GREAT YARMOUTH Edge of Town Centre Commercial Zone Total Gross floor area: 5500 sqm Survey date: TUESDAY 12/09/17 NY-02-A-01 15 SOLICITORS NORTH PARK ROAD HARROGATE Edge of Town Centre Built-Up Zone Total Gross floor area: 178 sqm

16

Survey Type: MANUAL NORTH YORKSHI RE Survey date: THURSDAY 04/10/18 NY-02-A-02 DISTRICT COUNCIL OFFICES STATION ROAD RICHMOND Edge of Town Centre No Sub Category Total Gross floor area:

1930 sqm Survey date: THURSDAY 14/03/19

Survey Type: MANUAL

Survey Type: MANUAL NORTH YORKSHI RE

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|---------------------------|---|--|

Tuesday 11/08/20

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Page 5

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LIST OF SITES relevant to selection parameters (Cont.)

| 17 | SF-02-A-02 BATH STREET IPSWICH | OFFICES | | SUFFOLK |
|----|---|-----------------------------|-----------------------------|--|
| 18 | Edge of Town Centre Commercial Zone Total Gross floor are <i>Survey date:</i> SO-02-A-01 HIGH STREET SLOUGH | a: | 6505 sqm <i>19/07/13</i> | <i>Survey Type: MANUAL</i> SLOUGH |
| 19 | Town Centre High Street Total Gross floor are <i>Survey date:</i> TV-02-A-04 CORPORATION ROA MIDDLESBROUGH | THURSDAY COUNCIL OFFICES | 1800 sqm <i>27/02/14</i> | <i>Survey Type: MANUAL</i> TEES VALLEY |
| 20 | Town Centre Commercial Zone Total Gross floor are <i>Survey date:</i> TW-02-A-07 MULGRAVE TERRACI GATESHEAD | <i>TUESDAY</i> OFFICES | 3950 sqm <i>08/10/13</i> | <i>Survey Type: MANUAL</i> TYNE & WEAR |
| 21 | Town Centre Built-Up Zone Total Gross floor are <i>Survey date:</i> WK-02-A-01 WARWICK ROAD COVENTRY | | 2090 sqm <i>13/06/16</i> | <i>Survey Type: MANUAL</i> WARWICKSHIRE |
| | Town Centre Built-Up Zone Total Gross floor are <i>Survey date:</i> | | 960 sqm <i>17/10/13</i> | Survey Type: MANUAL |

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

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

| | | ARRIVALS | | Γ | DEPARTURES | | TOTALS | | |
|---------------|------|----------|-------|------|------------|-------|--------|------|---------|
| | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip |
| Time Range | Days | GFA | Rate | Days | GFA | Rate | Days | GFA | Rate |
| 00:00 - 00:30 | | | | 1 | | | | | |
| 00:30 - 01:00 | | | | | | | | | |
| 01:00 - 01:30 | | | | | | | | | |
| 01:30 - 02:00 | | | | | | | | | |
| 02:00 - 02:30 | | | | | | | | | |
| 02:30 - 03:00 | | | | | | | | | |
| 03:00 - 03:30 | | | | | | | | | |
| 03:30 - 04:00 | | | | | | | | | |
| 04:00 - 04:30 | | | | | | | | | |
| 04:30 - 05:00 | | | | | | | | | |
| 05:00 - 05:30 | | | | | | | | | |
| 05:30 - 06:00 | | | | | | | | | |
| 06:00 - 06:30 | | | | | | | | | |
| 06:30 - 07:00 | | | | | | | | | |
| 07:00 - 07:30 | 20 | 5107 | 0.155 | 20 | 5107 | 0.011 | 20 | 5107 | 0.166 |
| 07:30 - 08:00 | 20 | 5107 | 0.278 | 20 | 5107 | 0.023 | 20 | 5107 | 0.301 |
| 08:00 - 08:30 | 21 | 4872 | 0.414 | 21 | 4872 | 0.048 | 21 | 4872 | 0.462 |
| 08:30 - 09:00 | 21 | 4872 | 0.460 | 21 | 4872 | 0.062 | 21 | 4872 | 0.522 |
| 09:00 - 09:30 | 21 | 4872 | 0.363 | 21 | 4872 | 0.076 | 21 | 4872 | 0.439 |
| 09:30 - 10:00 | 21 | 4872 | 0.236 | 21 | 4872 | 0.082 | 21 | 4872 | 0.318 |
| 10:00 - 10:30 | 21 | 4872 | 0.148 | 21 | 4872 | 0.106 | 21 | 4872 | 0.254 |
| 10:30 - 11:00 | 21 | 4872 | 0.128 | 21 | 4872 | 0.086 | 21 | 4872 | 0.214 |
| 11:00 - 11:30 | 21 | 4872 | 0.079 | 21 | 4872 | 0.069 | 21 | 4872 | 0.148 |
| 11:30 - 12:00 | 21 | 4872 | 0.094 | 21 | 4872 | 0.089 | 21 | 4872 | 0.183 |
| 12:00 - 12:30 | 21 | 4872 | 0.095 | 21 | 4872 | 0.109 | 21 | 4872 | 0.204 |
| 12:30 - 13:00 | 21 | 4872 | 0.116 | 21 | 4872 | 0.129 | 21 | 4872 | 0.245 |
| 13:00 - 13:30 | 21 | 4872 | 0.119 | 21 | 4872 | 0.104 | 21 | 4872 | 0.223 |
| 13:30 - 14:00 | 21 | 4872 | 0.124 | 21 | 4872 | 0.098 | 21 | 4872 | 0.222 |
| 14:00 - 14:30 | 21 | 4872 | 0.077 | 21 | 4872 | 0.082 | 21 | 4872 | 0.159 |
| 14:30 - 15:00 | 21 | 4872 | 0.071 | 21 | 4872 | 0.129 | 21 | 4872 | 0.200 |
| 15:00 - 15:30 | 21 | 4872 | 0.068 | 21 | 4872 | 0.168 | 21 | 4872 | 0.236 |
| 15:30 - 16:00 | 21 | 4872 | 0.076 | 21 | 4872 | 0.220 | 21 | 4872 | 0.296 |
| 16:00 - 16:30 | 21 | 4872 | 0.074 | 21 | 4872 | 0.293 | 21 | 4872 | 0.367 |
| 16:30 - 17:00 | 21 | 4872 | 0.056 | 21 | 4872 | 0.292 | 21 | 4872 | 0.348 |
| 17:00 - 17:30 | 21 | 4872 | 0.054 | 21 | 4872 | 0.495 | 21 | 4872 | 0.549 |
| 17:30 - 18:00 | 21 | 4872 | 0.033 | 21 | 4872 | 0.268 | 21 | 4872 | 0.301 |
| 18:00 - 18:30 | 20 | 5107 | 0.017 | 20 | 5107 | 0.164 | 20 | 5107 | 0.181 |
| 18:30 - 19:00 | 20 | 5107 | 0.027 | 20 | 5107 | 0.078 | 20 | 5107 | 0.105 |
| 19:00 - 19:30 | | | | | | | | | |
| 19:30 - 20:00 | | | | | | | | | |
| 20:00 - 20:30 | | | | | | | | | |
| 20:30 - 21:00 | | | | | | | | | |
| 21:00 - 21:30 | | | | | | | | | |
| 21:30 - 22:00 | | | | | | | | | |
| 22:00 - 22:30 | | | | | | | | | |
| 22:30 - 23:00 | | | | | | | | | |
| 23:00 - 23:30 | | | | | | | | | |
| 23:30 - 24:00 | | | 2.240 | | | 2.001 | | | 1 1 4 2 |
| Total Rates: | | | 3.362 | | | 3.281 | | | 6.643 |

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and 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:178 - 45000 (units: sqm)Survey date date range:01/01/12 - 13/11/19Number of weekdays (Monday-Friday):21Number of Saturdays:0Number of Sundays:0Surveys automatically removed from selection:2Surveys 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.

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

i-Transport LLP

| | | ARRIVALS | |] | DEPARTURES | | | TOTALS | |
|---------------|------|----------|-------|------|------------|-------|----------|--------|---------|
| | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip |
| Time Range | Days | GFA | Rate | Days | GFA | Rate | Days | GFA | Rate |
| 00:00 - 00:30 | | | | | | | | | |
| 00:30 - 01:00 | | | | | | | | | |
| 01:00 - 01:30 | | | | | | | | | |
| 01:30 - 02:00 | | | | | | | | | |
| 02:00 - 02:30 | | | | | | | | | |
| 02:30 - 03:00 | | | | | | | | | - |
| 03:00 - 03:30 | | | | | | | | | |
| 03:30 - 04:00 | | | | | | | | | |
| 04:00 - 04:30 | | | | | | | | | |
| 04:30 - 05:00 | | | | | | | | | |
| 05:00 - 05:30 | | | | | | | | | |
| 05:30 - 06:00 | | | | | | | | | |
| 06:00 - 06:30 | | | | | | | | | |
| 06:30 - 07:00 | | | | | | | | | |
| 07:00 - 07:30 | 20 | 5107 | 0.000 | 20 | 5107 | 0.000 | 20 | 5107 | 0.000 |
| 07:30 - 08:00 | 20 | 5107 | 0.001 | 20 | 5107 | 0.001 | 20 | 5107 | 0.002 |
| 08:00 - 08:30 | 21 | 4872 | 0.009 | 21 | 4872 | 0.008 | 21 | 4872 | 0.017 |
| 08:30 - 09:00 | 21 | 4872 | 0.009 | 21 | 4872 | 0.008 | 21 | 4872 | 0.017 |
| 09:00 - 09:30 | 21 | 4872 | 0.006 | 21 | 4872 | 0.006 | 21 | 4872 | 0.012 |
| 09:30 - 10:00 | 21 | 4872 | 0.003 | 21 | 4872 | 0.005 | 21 | 4872 | 0.008 |
| 10:00 - 10:30 | 21 | 4872 | 0.008 | 21 | 4872 | 0.008 | 21 | 4872 | 0.016 |
| 10:30 - 11:00 | 21 | 4872 | 0.006 | 21 | 4872 | 0.006 | 21 | 4872 | 0.012 |
| 11:00 - 11:30 | 21 | 4872 | 0.004 | 21 | 4872 | 0.004 | 21 | 4872 | 0.008 |
| 11:30 - 12:00 | 21 | 4872 | 0.005 | 21 | 4872 | 0.005 | 21 | 4872 | 0.010 |
| 12:00 - 12:30 | 21 | 4872 | 0.007 | 21 | 4872 | 0.003 | 21 | 4872 | 0.014 |
| 12:30 - 13:00 | 21 | 4872 | 0.001 | 21 | 4872 | 0.001 | 21 | 4872 | 0.002 |
| 13:00 - 13:30 | 21 | 4872 | 0.005 | 21 | 4872 | 0.004 | 21 | 4872 | 0.009 |
| 13:30 - 14:00 | 21 | 4872 | 0.006 | 21 | 4872 | 0.004 | 21 | 4872 | 0.012 |
| 14:00 - 14:30 | 21 | 4872 | 0.002 | 21 | 4872 | 0.003 | 21 | 4872 | 0.005 |
| 14:30 - 15:00 | 21 | 4872 | 0.002 | 21 | 4872 | 0.005 | 21 | 4872 | 0.000 |
| 15:00 - 15:30 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 |
| 15:30 - 16:00 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 |
| 16:00 - 16:30 | 21 | 4872 | 0.002 | 21 | 4872 | 0.002 | 21 | 4872 | 0.004 |
| 16:30 - 17:00 | 21 | 4872 | 0.004 | 21 | 4872 | 0.003 | 21 | 4872 | 0.007 |
| 17:00 - 17:30 | 21 | 4872 | 0.001 | 21 | 4872 | 0.002 | 21 | 4872 | 0.003 |
| 17:30 - 17:30 | 21 | 4872 | 0.010 | 21 | 4872 | 0.008 | | 4872 | 0.018 |
| 18:00 - 18:00 | 21 | 5107 | 0.001 | 21 | 5107 | 0.003 | 21 20 | 5107 | 0.004 |
| | 20 | | | 20 | | | 20 | | |
| 18:30 - 19:00 | 20 | 5107 | 0.001 | 20 | 5107 | 0.001 | 20 | 5107 | 0.002 |
| 19:00 - 19:30 | | | | | | | | | |
| 19:30 - 20:00 | | | | | | | | | |
| 20:00 - 20:30 | | | | | | | | | |
| 20:30 - 21:00 | | | | | | | | | |
| 21:00 - 21:30 | | | | | | | | | |
| 21:30 - 22:00 | | | | | | | | | |
| 22:00 - 22:30 | | | | | | | | | |
| 22:30 - 23:00 | | | | | | | | | |
| 23:00 - 23:30 | | | | | | | | | |
| 23:30 - 24:00 | | | | | | C | | | C 1 C - |
| Total Rates: | | | 0.096 | | | 0.096 | | | 0.192 |

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.

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

| | | ARRIVALS | | [| DEPARTURES | | | TOTALS | |
|---------------|------|----------|-------|------|------------|-------|------|--------|-------|
| | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip |
| Time Range | Days | GFA | Rate | Days | GFA | Rate | Days | GFA | Rate |
| 00:00 - 00:30 | | | | | | | | | |
| 00:30 - 01:00 | | | | | | | | | |
| 01:00 - 01:30 | | | | | | | | | |
| 01:30 - 02:00 | | | | | | | | | |
| 02:00 - 02:30 | | | | | | | | | |
| 02:30 - 03:00 | | | | | | | | | |
| 03:00 - 03:30 | | | | | | | | | |
| 03:30 - 04:00 | | | | | | | | | |
| 04:00 - 04:30 | | | | | | | | | |
| 04:30 - 05:00 | | | | | | | | | |
| 05:00 - 05:30 | | | | | | | | | |
| 05:30 - 06:00 | | | | | | | | | |
| 06:00 - 06:30 | | | | | | | | | |
| 06:30 - 07:00 | | | | | | | | | |
| 07:00 - 07:30 | 20 | 5107 | 0.000 | 20 | 5107 | 0.000 | 20 | 5107 | 0.000 |
| 07:30 - 08:00 | 20 | 5107 | 0.001 | 20 | 5107 | 0.000 | 20 | 5107 | 0.001 |
| 08:00 - 08:30 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 |
| 08:30 - 09:00 | 21 | 4872 | 0.001 | 21 | 4872 | 0.002 | 21 | 4872 | 0.003 |
| 09:00 - 09:30 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 |
| 09:30 - 10:00 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 |
| 10:00 - 10:30 | 21 | 4872 | 0.001 | 21 | 4872 | 0.000 | 21 | 4872 | 0.001 |
| 10:30 - 11:00 | 21 | 4872 | 0.000 | 21 | 4872 | 0.001 | 21 | 4872 | 0.001 |
| 11:00 - 11:30 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 |
| 11:30 - 12:00 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 |
| 12:00 - 12:30 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 |
| 12:30 - 13:00 | 21 | 4872 | 0.001 | 21 | 4872 | 0.001 | 21 | 4872 | 0.002 |
| 13:00 - 13:30 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 |
| 13:30 - 14:00 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 |
| 14:00 - 14:30 | 21 | 4872 | 0.001 | 21 | 4872 | 0.001 | 21 | 4872 | 0.002 |
| 14:30 - 15:00 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 |
| 15:00 - 15:30 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 |
| 15:30 - 16:00 | 21 | 4872 | 0.003 | 21 | 4872 | 0.002 | 21 | 4872 | 0.005 |
| 16:00 - 16:30 | 21 | 4872 | 0.000 | 21 | 4872 | 0.001 | 21 | 4872 | 0.001 |
| 16:30 - 17:00 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 |
| 17:00 - 17:30 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 |
| 17:30 - 18:00 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 |
| 18:00 - 18:30 | 20 | 5107 | 0.000 | 20 | 5107 | 0.000 | 20 | 5107 | 0.000 |
| 18:30 - 19:00 | 20 | 5107 | 0.000 | 20 | 5107 | 0.000 | 20 | 5107 | 0.000 |
| 19:00 - 19:30 | | | | | | | | | |
| 19:30 - 20:00 | | | | | | | | | |
| 20:00 - 20:30 | | | | | | | | | |
| 20:30 - 21:00 | | | | | | | | | |
| 21:00 - 21:30 | | | | | | | | | |
| 21:30 - 22:00 | | | | | | | | | |
| 22:00 - 22:30 | | | | | | | | | |
| 22:30 - 23:00 | | | | | | | | | |
| 23:00 - 23:30 | | | | | | | | | |
| 23:30 - 24:00 | | | | | | | | | |
| Total Rates: | | | 0.008 | | | 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.

Licence No: 236603

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

| | | ARRIVALS | | Γ | DEPARTURES | | | TOTALS | |
|---------------|------|----------|-------|------|------------|-------|------|--------|-------|
| | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip |
| Time Range | Days | GFA | Rate | Days | GFA | Rate | Days | GFA | Rate |
| 00:00 - 00:30 | 4 | | | 4 | | | 4 | | |
| 00:30 - 01:00 | | | | | | | | | |
| 01:00 - 01:30 | | | | | | | | | |
| 01:30 - 02:00 | | | | | | | | | |
| 02:00 - 02:30 | | | | | | | | | |
| 02:30 - 03:00 | | | | | | | | | |
| 03:00 - 03:30 | | | | | | | | | |
| 03:30 - 04:00 | | | | | | | | | |
| 04:00 - 04:30 | | | | | | | | | |
| 04:30 - 05:00 | | | | | | | | | |
| 05:00 - 05:30 | | | | | | | | | |
| 05:30 - 06:00 | | | | | | | | | |
| 06:00 - 06:30 | | | | | | | | | |
| 06:30 - 07:00 | | | | | | | | | |
| 07:00 - 07:30 | 20 | 5107 | 0.005 | 20 | 5107 | 0.000 | 20 | 5107 | 0.005 |
| 07:30 - 08:00 | 20 | 5107 | 0.007 | 20 | 5107 | 0.000 | 20 | 5107 | 0.007 |
| 08:00 - 08:30 | 21 | 4872 | 0.028 | 21 | 4872 | 0.000 | 21 | 4872 | 0.028 |
| 08:30 - 09:00 | 21 | 4872 | 0.047 | 21 | 4872 | 0.000 | 21 | 4872 | 0.047 |
| 09:00 - 09:30 | 21 | 4872 | 0.025 | 21 | 4872 | 0.000 | 21 | 4872 | 0.025 |
| 09:30 - 10:00 | 21 | 4872 | 0.005 | 21 | 4872 | 0.000 | 21 | 4872 | 0.005 |
| 10:00 - 10:30 | 21 | 4872 | 0.011 | 21 | 4872 | 0.002 | 21 | 4872 | 0.013 |
| 10:30 - 11:00 | 21 | 4872 | 0.002 | 21 | 4872 | 0.003 | 21 | 4872 | 0.005 |
| 11:00 - 11:30 | 21 | 4872 | 0.000 | 21 | 4872 | 0.003 | 21 | 4872 | 0.003 |
| 11:30 - 12:00 | 21 | 4872 | 0.004 | 21 | 4872 | 0.001 | 21 | 4872 | 0.005 |
| 12:00 - 12:30 | 21 | 4872 | 0.005 | 21 | 4872 | 0.007 | 21 | 4872 | 0.012 |
| 12:30 - 13:00 | 21 | 4872 | 0.005 | 21 | 4872 | 0.006 | 21 | 4872 | 0.011 |
| 13:00 - 13:30 | 21 | 4872 | 0.007 | 21 | 4872 | 0.003 | 21 | 4872 | 0.010 |
| 13:30 - 14:00 | 21 | 4872 | 0.002 | 21 | 4872 | 0.004 | 21 | 4872 | 0.006 |
| 14:00 - 14:30 | 21 | 4872 | 0.000 | 21 | 4872 | 0.003 | 21 | 4872 | 0.003 |
| 14:30 - 15:00 | 21 | 4872 | 0.002 | 21 | 4872 | 0.004 | 21 | 4872 | 0.006 |
| 15:00 - 15:30 | 21 | 4872 | 0.005 | 21 | 4872 | 0.005 | 21 | 4872 | 0.010 |
| 15:30 - 16:00 | 21 | 4872 | 0.001 | 21 | 4872 | 0.012 | 21 | 4872 | 0.013 |
| 16:00 - 16:30 | 21 | 4872 | 0.001 | 21 | 4872 | 0.016 | 21 | 4872 | 0.017 |
| 16:30 - 17:00 | 21 | 4872 | 0.002 | 21 | 4872 | 0.005 | 21 | 4872 | 0.007 |
| 17:00 - 17:30 | 21 | 4872 | 0.001 | 21 | 4872 | 0.026 | 21 | 4872 | 0.027 |
| 17:30 - 18:00 | 21 | 4872 | 0.001 | 21 | 4872 | 0.038 | 21 | 4872 | 0.039 |
| 18:00 - 18:30 | 20 | 5107 | 0.002 | 20 | 5107 | 0.023 | 20 | 5107 | 0.025 |
| 18:30 - 19:00 | 20 | 5107 | 0.001 | 20 | 5107 | 0.003 | 20 | 5107 | 0.004 |
| 19:00 - 19:30 | | | | | | | | | |
| 19:30 - 20:00 | | | | | | | | | |
| 20:00 - 20:30 | | | | | | | | | |
| 20:30 - 21:00 | | | | | | | | | |
| 21:00 - 21:30 | | | | | | | | | |
| 21:30 - 22:00 | | | | | | | | | |
| 22:00 - 22:30 | | | | | | | | | |
| 22:30 - 23:00 | | | | | | | | | |
| 23:00 - 23:30 | | | | | | | | | |
| 23:30 - 24:00 | | | | | | | | | |
| Total Rates: | | | 0.169 | | | 0.164 | | | 0.333 |

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

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

| | | ARRIVALS | |] | DEPARTURES | | TOTALS | | | |
|---------------|------|----------|-------|------|------------|---------|--------|------|---------|--|
| | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip | |
| Time Range | Days | GFA | Rate | Days | GFA | Rate | Days | GFA | Rate | |
| 00:00 - 00:30 | 4 | | | 4 | | | | | | |
| 00:30 - 01:00 | | | | | | | | | | |
| 01:00 - 01:30 | | | | | | | | | | |
| 01:30 - 02:00 | | | | | | | | | | |
| 02:00 - 02:30 | | | | | | | | | | |
| 02:30 - 03:00 | | | | | | | | | | |
| 03:00 - 03:30 | | | | | | | | | | |
| 03:30 - 04:00 | | | | | | | | | | |
| 04:00 - 04:30 | | | | | | | | | | |
| 04:30 - 05:00 | | | | | | | | | | |
| 05:00 - 05:30 | | | | | | | | | | |
| 05:30 - 06:00 | | | | | | | | | | |
| 06:00 - 06:30 | | | | | | | | | | |
| 06:30 - 07:00 | | | | | | | | | | |
| 07:00 - 07:30 | 20 | 5107 | 0.162 | 20 | 5107 | 0.011 | 20 | 5107 | 0.173 | |
| 07:30 - 08:00 | 20 | 5107 | 0.306 | 20 | 5107 | 0.019 | 20 | 5107 | 0.325 | |
| 08:00 - 08:30 | 21 | 4872 | 0.468 | 21 | 4872 | 0.038 | 21 | 4872 | 0.506 | |
| 08:30 - 09:00 | 21 | 4872 | 0.497 | 21 | 4872 | 0.046 | 21 | 4872 | 0.543 | |
| 09:00 - 09:30 | 21 | 4872 | 0.411 | 21 | 4872 | 0.079 | 21 | 4872 | 0.490 | |
| 09:30 - 10:00 | 21 | 4872 | 0.262 | 21 | 4872 | 0.084 | 21 | 4872 | 0.346 | |
| 10:00 - 10:30 | 21 | 4872 | 0.167 | 21 | 4872 | 0.103 | 21 | 4872 | 0.270 | |
| 10:30 - 11:00 | 21 | 4872 | 0.137 | 21 | 4872 | 0.080 | 21 | 4872 | 0.217 | |
| 11:00 - 11:30 | 21 | 4872 | 0.090 | 21 | 4872 | 0.075 | 21 | 4872 | 0.165 | |
| 11:30 - 12:00 | 21 | 4872 | 0.108 | 21 | 4872 | 0.099 | 21 | 4872 | 0.207 | |
| 12:00 - 12:30 | 21 | 4872 | 0.102 | 21 | 4872 | 0.126 | 21 | 4872 | 0.228 | |
| 12:30 - 13:00 | 21 | 4872 | 0.138 | 21 | 4872 | 0.142 | 21 | 4872 | 0.280 | |
| 13:00 - 13:30 | 21 | 4872 | 0.143 | 21 | 4872 | 0.114 | 21 | 4872 | 0.257 | |
| 13:30 - 14:00 | 21 | 4872 | 0.143 | 21 | 4872 | 0.110 | 21 | 4872 | 0.254 | |
| 14:00 - 14:30 | 21 | 4872 | 0.092 | 21 | 4872 | 0.095 | 21 | 4872 | 0.187 | |
| 14:30 - 15:00 | 21 | 4872 | 0.072 | 21 | 4872 | 0.156 | 21 | 4872 | 0.233 | |
| 15:00 - 15:30 | 21 | 4872 | 0.077 | 21 | 4872 | 0.187 | 21 | 4872 | 0.264 | |
| 15:30 - 16:00 | 21 | 4872 | 0.085 | 21 | 4872 | 0.251 | 21 | 4872 | 0.336 | |
| 16:00 - 16:30 | 21 | 4872 | 0.005 | 21 | 4872 | 0.334 | 21 | 4872 | 0.409 | |
| 16:30 - 17:00 | 21 | 4872 | 0.058 | 21 | 4872 | 0.330 | 21 | 4872 | 0.388 | |
| 17:00 - 17:30 | 21 | 4872 | 0.052 | 21 | 4872 | 0.558 | 21 | 4872 | 0.610 | |
| 17:30 - 18:00 | 21 | 4872 | 0.032 | 21 | 4872 | 0.298 | 21 | 4872 | 0.324 | |
| 18:00 - 18:30 | 20 | 5107 | 0.020 | 20 | 5107 | 0.298 | 21 | 5107 | 0.324 | |
| 18:30 - 19:00 | 20 | 5107 | 0.014 | 20 | 5107 | 0.094 | 20 | 5107 | 0.208 | |
| 19:00 - 19:30 | 20 | 5107 | 0.027 | 20 | 5107 | 0.074 | 20 | 5107 | 0.121 | |
| 19:30 - 20:00 | | | | | | | | | | |
| 20:00 - 20:30 | | | | | | | | | | |
| 20:30 - 21:00 | | | | | | | | | | |
| 21:00 - 21:30 | | | | | | | | | | |
| 21:30 - 22:00 | | | | | | | | | | |
| 21:30 - 22:00 | | | | | | | | | | |
| 22:00 - 22:30 | | | | | | | | | | |
| | | | | | | | | | | |
| 23:00 - 23:30 | | | | | | | | | | |
| 23:30 - 24:00 | | | 3.718 | | | 2 (2 2 | | | 7 2 4 1 | |
| Total Rates: | | | 3.718 | | | 3.623 | | | 7.341 | |

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

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

| | | ARRIVALS | |] | DEPARTURES | | TOTALS | | |
|---------------|------|----------|-------|------|------------|-------|--------|------|---------|
| | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip |
| Time Range | Days | GFA | Rate | Days | GFA | Rate | Days | GFA | Rate |
| 00:00 - 00:30 | 4 | | | | | | | | |
| 00:30 - 01:00 | | | | | | | | | |
| 01:00 - 01:30 | | | | | | | | | |
| 01:30 - 02:00 | | | | | | | | | |
| 02:00 - 02:30 | | | | | | | | | |
| 02:30 - 03:00 | | | | | | | | | |
| 03:00 - 03:30 | | | | | | | | | |
| 03:30 - 04:00 | | | | | | | | | |
| 04:00 - 04:30 | | | | | | | | | |
| 04:30 - 05:00 | | | | | | | | | |
| 05:00 - 05:30 | | | | | | | | | |
| 05:30 - 06:00 | | | | | | | | | |
| 06:00 - 06:30 | | | | | | | | | |
| 06:30 - 07:00 | | | | | | | | | |
| 07:00 - 07:30 | 20 | 5107 | 0.066 | 20 | 5107 | 0.004 | 20 | 5107 | 0.070 |
| 07:30 - 08:00 | 20 | 5107 | 0.074 | 20 | 5107 | 0.003 | 20 | 5107 | 0.077 |
| 08:00 - 08:30 | 20 | 4872 | 0.116 | 20 | 4872 | 0.008 | 20 | 4872 | 0.124 |
| 08:30 - 09:00 | 21 | 4872 | 0.174 | 21 | 4872 | 0.022 | 21 | 4872 | 0.124 |
| 09:00 - 09:30 | 21 | 4872 | 0.153 | 21 | 4872 | 0.045 | 21 | 4872 | 0.198 |
| 09:30 - 10:00 | 21 | 4872 | 0.132 | 21 | 4872 | 0.058 | 21 | 4872 | 0.190 |
| 10:00 - 10:30 | 21 | 4872 | 0.126 | 21 | 4872 | 0.087 | 21 | 4872 | 0.213 |
| 10:30 - 11:00 | 21 | 4872 | 0.158 | 21 | 4872 | 0.108 | 21 | 4872 | 0.266 |
| 11:00 - 11:30 | 21 | 4872 | 0.132 | 21 | 4872 | 0.153 | 21 | 4872 | 0.285 |
| 11:30 - 12:00 | 21 | 4872 | 0.138 | 21 | 4872 | 0.207 | 21 | 4872 | 0.345 |
| 12:00 - 12:30 | 21 | 4872 | 0.375 | 21 | 4872 | 0.635 | 21 | 4872 | 1.010 |
| 12:30 - 13:00 | 21 | 4872 | 0.457 | 21 | 4872 | 0.508 | 21 | 4872 | 0.965 |
| 13:00 - 13:30 | 21 | 4872 | 0.488 | 21 | 4872 | 0.489 | 21 | 4872 | 0.977 |
| 13:30 - 14:00 | 21 | 4872 | 0.464 | 21 | 4872 | 0.227 | 21 | 4872 | 0.691 |
| 14:00 - 14:30 | 21 | 4872 | 0.296 | 21 | 4872 | 0.177 | 21 | 4872 | 0.473 |
| 14:30 - 15:00 | 21 | 4872 | 0.270 | 21 | 4872 | 0.151 | 21 | 4872 | 0.307 |
| 15:00 - 15:30 | 21 | 4872 | 0.099 | 21 | 4872 | 0.145 | 21 | 4872 | 0.244 |
| 15:30 - 16:00 | 21 | 4872 | 0.099 | 21 | 4872 | 0.143 | 21 | 4872 | 0.244 |
| 16:00 - 16:30 | 21 | 4872 | 0.058 | 21 | 4872 | 0.112 | 21 | 4872 | 0.194 |
| 16:30 - 17:00 | 21 | 4872 | 0.038 | 21 | 4872 | 0.137 | 21 | 4872 | 0.148 |
| 17:00 - 17:30 | 21 | 4872 | 0.029 | 21 | 4872 | 0.119 | 21 | 4872 | 0.148 |
| 17:30 - 18:00 | 21 | 4872 | 0.023 | 21 | 4872 | 0.164 | 21 | 4872 | 0.212 |
| 18:00 - 18:30 | 21 | 5107 | 0.018 | 21 | 5107 | 0.164 | 21 | 5107 | 0.180 |
| 18:30 - 19:00 | 20 | 5107 | 0.008 | 20 | 5107 | 0.085 | 20 | 5107 | 0.073 |
| 19:00 - 19:30 | 20 | 5107 | 0.005 | 20 | 5107 | 0.023 | 20 | 5107 | 0.028 |
| 19:30 - 20:00 | | | | | | | | | |
| | | | | | | | | | |
| 20:00 - 20:30 | | | | | | | | | |
| 20:30 - 21:00 | | | | | | | | | |
| 21:00 - 21:30 | | | | | | | | | |
| 21:30 - 22:00 | | | | | | | | | |
| 22:00 - 22:30 | | | | | | | | | |
| 22:30 - 23:00 | | | | | | | | | |
| 23:00 - 23:30 | | | | | | | | | |
| 23:30 - 24:00 | | | 2.005 | | | 2.02/ | | | 7 / / 4 |
| Total Rates: | | | 3.825 | | | 3.836 | | | 7.661 |

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

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

| | | ARRIVALS | | C | DEPARTURES | | | TOTALS | |
|---------------|------|----------|-------|------|------------|-------|------|--------|-------|
| | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip |
| Time Range | Days | GFA | Rate | Days | GFA | Rate | Days | GFA | Rate |
| 00:00 - 00:30 | | | | | | | | | |
| 00:30 - 01:00 | | | | | | | | | |
| 01:00 - 01:30 | | | | | | | | | |
| 01:30 - 02:00 | | | | | | | | | |
| 02:00 - 02:30 | | | | | | | | | |
| 02:30 - 03:00 | | | | | | | | | |
| 03:00 - 03:30 | | | | | | | | | |
| 03:30 - 04:00 | | | | | | | | | |
| 04:00 - 04:30 | | | | | | | | | |
| 04:30 - 05:00 | | | | | | | | | |
| 05:00 - 05:30 | | | | | | | | | |
| 05:30 - 06:00 | | | | | | | | | |
| 06:00 - 06:30 | | | | | | | | | |
| 06:30 - 07:00 | | | | | | | | | |
| 07:00 - 07:30 | 20 | 5107 | 0.044 | 20 | 5107 | 0.000 | 20 | 5107 | 0.044 |
| 07:30 - 08:00 | 20 | 5107 | 0.037 | 20 | 5107 | 0.000 | 20 | 5107 | 0.037 |
| 08:00 - 08:30 | 21 | 4872 | 0.064 | 21 | 4872 | 0.000 | 21 | 4872 | 0.064 |
| 08:30 - 09:00 | 21 | 4872 | 0.080 | 21 | 4872 | 0.006 | 21 | 4872 | 0.086 |
| 09:00 - 09:30 | 21 | 4872 | 0.078 | 21 | 4872 | 0.007 | 21 | 4872 | 0.085 |
| 09:30 - 10:00 | 21 | 4872 | 0.059 | 21 | 4872 | 0.008 | 21 | 4872 | 0.067 |
| 10:00 - 10:30 | 21 | 4872 | 0.042 | 21 | 4872 | 0.018 | 21 | 4872 | 0.060 |
| 10:30 - 11:00 | 21 | 4872 | 0.024 | 21 | 4872 | 0.015 | 21 | 4872 | 0.039 |
| 11:00 - 11:30 | 21 | 4872 | 0.040 | 21 | 4872 | 0.042 | 21 | 4872 | 0.082 |
| 11:30 - 12:00 | 21 | 4872 | 0.018 | 21 | 4872 | 0.027 | 21 | 4872 | 0.045 |
| 12:00 - 12:30 | 21 | 4872 | 0.030 | 21 | 4872 | 0.031 | 21 | 4872 | 0.061 |
| 12:30 - 13:00 | 21 | 4872 | 0.023 | 21 | 4872 | 0.054 | 21 | 4872 | 0.077 |
| 13:00 - 13:30 | 21 | 4872 | 0.024 | 21 | 4872 | 0.046 | 21 | 4872 | 0.070 |
| 13:30 - 14:00 | 21 | 4872 | 0.022 | 21 | 4872 | 0.025 | 21 | 4872 | 0.047 |
| 14:00 - 14:30 | 21 | 4872 | 0.018 | 21 | 4872 | 0.021 | 21 | 4872 | 0.039 |
| 14:30 - 15:00 | 21 | 4872 | 0.024 | 21 | 4872 | 0.039 | 21 | 4872 | 0.063 |
| 15:00 - 15:30 | 21 | 4872 | 0.007 | 21 | 4872 | 0.041 | 21 | 4872 | 0.048 |
| 15:30 - 16:00 | 21 | 4872 | 0.026 | 21 | 4872 | 0.044 | 21 | 4872 | 0.070 |
| 16:00 - 16:30 | 21 | 4872 | 0.010 | 21 | 4872 | 0.037 | 21 | 4872 | 0.047 |
| 16:30 - 17:00 | 21 | 4872 | 0.011 | 21 | 4872 | 0.049 | 21 | 4872 | 0.047 |
| 17:00 - 17:30 | 21 | 4872 | 0.001 | 21 | 4872 | 0.078 | 21 | 4872 | 0.079 |
| 17:30 - 18:00 | 21 | 4872 | 0.000 | 21 | 4872 | 0.036 | 21 | 4872 | 0.036 |
| 18:00 - 18:30 | 20 | 5107 | 0.000 | 20 | 5107 | 0.032 | 20 | 5107 | 0.033 |
| 18:30 - 19:00 | 20 | 5107 | 0.001 | 20 | 5107 | 0.013 | 20 | 5107 | 0.033 |
| 19:00 - 19:30 | 20 | 5107 | 0.001 | 20 | 5107 | 0.015 | 20 | 5107 | 0.014 |
| 19:30 - 20:00 | | | | | | | | | |
| 20:00 - 20:30 | | | | | | | | | |
| 20:30 - 21:00 | | | | | | | | | |
| 21:00 - 21:30 | | | | | | | | | |
| 21:30 - 22:00 | | | | | | | | | |
| 21:30 - 22:00 | | | | | | | | | |
| 22:30 - 22:30 | | | | | | | | | |
| 23:00 - 23:30 | | | | | | | | | |
| 23:30 - 23:30 | | | | | | | | | |
| Total Rates: | | | 0.684 | | | 0.669 | | | 1 252 |
| TUTAL RATES: | | | 0.084 | | | 0.009 | | | 1.353 |

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

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

| | | ARRIVALS | |] | DEPARTURES | | | TOTALS | |
|--------------------------------|------|----------|-------|------|------------|-------|------|--------|-------|
| - | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip |
| Time Range | Days | GFA | Rate | Days | GFA | Rate | Days | GFA | Rate |
| 00:00 - 00:30 | 1 | | | 4 | | | 4 | | |
| 00:30 - 01:00 | | | | | | | | | |
| 01:00 - 01:30 | | | | | | | | | |
| 01:30 - 02:00 | | | | | | | | | |
| 02:00 - 02:30 | | | | | | | | | |
| 02:30 - 03:00 | | | | | | | | | |
| 03:00 - 03:30 | | | | | | | | | |
| 03:30 - 04:00 | | | | | | | | | |
| 04:00 - 04:30 | | | | | | | | | |
| 04:30 - 05:00 | | | | | | | | | |
| 05:00 - 05:30 | | | | | | | | | |
| 05:30 - 06:00 | | | | | | | | | |
| 06:00 - 06:30 | | | | | | | | | |
| 06:30 - 07:00 | | | | | | | | | |
| 07:00 - 07:30 | 20 | 5107 | 0.028 | 20 | 5107 | 0.002 | 20 | 5107 | 0.030 |
| 07:30 - 08:00 | 20 | 5107 | 0.049 | 20 | 5107 | 0.001 | 20 | 5107 | 0.050 |
| 08:00 - 08:30 | 21 | 4872 | 0.049 | 21 | 4872 | 0.006 | 21 | 4872 | 0.055 |
| 08:30 - 09:00 | 21 | 4872 | 0.087 | 21 | 4872 | 0.001 | 21 | 4872 | 0.088 |
| 09:00 - 09:30 | 21 | 4872 | 0.077 | 21 | 4872 | 0.002 | 21 | 4872 | 0.079 |
| 09:30 - 10:00 | 21 | 4872 | 0.045 | 21 | 4872 | 0.005 | 21 | 4872 | 0.050 |
| 10:00 - 10:30 | 21 | 4872 | 0.012 | 21 | 4872 | 0.003 | 21 | 4872 | 0.015 |
| 10:30 - 11:00 | 21 | 4872 | 0.011 | 21 | 4872 | 0.003 | 21 | 4872 | 0.014 |
| 11:00 - 11:30 | 21 | 4872 | 0.009 | 21 | 4872 | 0.000 | 21 | 4872 | 0.009 |
| 11:30 - 12:00 | 21 | 4872 | 0.006 | 21 | 4872 | 0.004 | 21 | 4872 | 0.010 |
| 12:00 - 12:30 | 21 | 4872 | 0.005 | 21 | 4872 | 0.005 | 21 | 4872 | 0.010 |
| 12:30 - 13:00 | 21 | 4872 | 0.004 | 21 | 4872 | 0.010 | 21 | 4872 | 0.014 |
| 13:00 - 13:30 | 21 | 4872 | 0.005 | 21 | 4872 | 0.011 | 21 | 4872 | 0.016 |
| 13:30 - 14:00 | 21 | 4872 | 0.006 | 21 | 4872 | 0.010 | 21 | 4872 | 0.016 |
| 14:00 - 14:30 | 21 | 4872 | 0.000 | 21 | 4872 | 0.003 | 21 | 4872 | 0.010 |
| 14:30 - 15:00 | 21 | 4872 | 0.012 | 21 | 4872 | 0.037 | 21 | 4872 | 0.049 |
| 15:00 - 15:30 | 21 | 4872 | 0.002 | 21 | 4872 | 0.027 | 21 | 4872 | 0.047 |
| 15:30 - 16:00 | 21 | 4872 | 0.010 | 21 | 4872 | 0.038 | 21 | 4872 | 0.048 |
| 16:00 - 16:30 | 21 | 4872 | 0.005 | 21 | 4872 | 0.035 | 21 | 4872 | 0.040 |
| 16:30 - 17:00 | 21 | 4872 | 0.003 | 21 | 4872 | 0.048 | 21 | 4872 | 0.040 |
| 17:00 - 17:30 | 21 | 4872 | 0.001 | 21 | 4872 | 0.048 | 21 | 4872 | 0.049 |
| 17:30 - 18:00 | 21 | 4872 | 0.008 | 21 | 4872 | 0.082 | 21 | 4872 | 0.042 |
| 18:00 - 18:30 | 21 | 5107 | 0.001 | 20 | 5107 | 0.036 | 20 | 5107 | 0.042 |
| 18:30 - 19:00 | 20 | 5107 | 0.004 | 20 | 5107 | 0.030 | 20 | 5107 | 0.040 |
| 19:00 - 19:30 | 20 | 5107 | 0.001 | 20 | 5107 | 0.020 | 20 | 5107 | 0.021 |
| 19:30 - 20:00 | | | | | | | | | |
| 20:00 - 20:30 | | | | | | | | | |
| 20:30 - 21:00 | | | | | | | | | |
| 21:00 - 21:30 | | | | | | | | | |
| 21:30 - 22:00 | | | | | | | | | |
| 21:30 - 22:00 | | | | | | | | | |
| 22:30 - 22:30 | | | | | | | | | |
| | | | | | | | | | |
| 23:00 - 23:30 23:30 - 24:00 | | | | | | | | | |
| - | | | 0.448 | | | 0.430 | | | 0.070 |
| Total Rates: | | | 0.448 | | | 0.430 | | | 0.878 |

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

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

| | ARRIVALS | | | Γ | DEPARTURES | | | TOTALS | |
|--------------------------------|----------|------|---------|------|------------|-------|------|--------|---------|
| | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip |
| Time Range | Days | GFA | Rate | Days | GFA | Rate | Days | GFA | Rate |
| 00:00 - 00:30 | | | | | | | 1 | | |
| 00:30 - 01:00 | | | | | | | | | |
| 01:00 - 01:30 | | | | | | | | | |
| 01:30 - 02:00 | | | | | | | | | |
| 02:00 - 02:30 | | | | | | | | | |
| 02:30 - 03:00 | | | | | | | | | |
| 03:00 - 03:30 | | | | | | | | | |
| 03:30 - 04:00 | | | | | | | | | |
| 04:00 - 04:30 | | | | | | | | | |
| 04:30 - 05:00 | | | | | | | | | |
| 05:00 - 05:30 | | | | | | | | | |
| 05:30 - 06:00 | | | | | | | | | |
| 06:00 - 06:30 | | | | | | | | | |
| 06:30 - 07:00 | | | | | | | | | |
| 07:00 - 07:30 | 20 | 5107 | 0.072 | 20 | 5107 | 0.002 | 20 | 5107 | 0.074 |
| 07:30 - 08:00 | 20 | 5107 | 0.072 | 20 | 5107 | 0.002 | 20 | 5107 | 0.087 |
| 08:00 - 08:30 | 21 | 4872 | 0.112 | 21 | 4872 | 0.006 | 21 | 4872 | 0.118 |
| 08:30 - 09:00 | 21 | 4872 | 0.167 | 21 | 4872 | 0.007 | 21 | 4872 | 0.174 |
| 09:00 - 09:30 | 21 | 4872 | 0.155 | 21 | 4872 | 0.009 | 21 | 4872 | 0.164 |
| 09:30 - 10:00 | 21 | 4872 | 0.103 | 21 | 4872 | 0.013 | 21 | 4872 | 0.117 |
| 10:00 - 10:30 | 21 | 4872 | 0.054 | 21 | 4872 | 0.021 | 21 | 4872 | 0.075 |
| 10:30 - 11:00 | 21 | 4872 | 0.035 | 21 | 4872 | 0.018 | 21 | 4872 | 0.053 |
| 11:00 - 11:30 | 21 | 4872 | 0.049 | 21 | 4872 | 0.042 | 21 | 4872 | 0.091 |
| 11:30 - 12:00 | 21 | 4872 | 0.023 | 21 | 4872 | 0.031 | 21 | 4872 | 0.054 |
| 12:00 - 12:30 | 21 | 4872 | 0.025 | 21 | 4872 | 0.036 | 21 | 4872 | 0.071 |
| 12:30 - 13:00 | 21 | 4872 | 0.033 | 21 | 4872 | 0.064 | 21 | 4872 | 0.091 |
| 13:00 - 13:30 | 21 | 4872 | 0.027 | 21 | 4872 | 0.057 | 21 | 4872 | 0.086 |
| 13:30 - 14:00 | 21 | 4872 | 0.029 | 21 | 4872 | 0.035 | 21 | 4872 | 0.063 |
| 14:00 - 14:30 | 21 | 4872 | 0.028 | 21 | 4872 | 0.023 | 21 | 4872 | 0.0051 |
| 14:30 - 15:00 | 21 | 4872 | 0.026 | 21 | 4872 | 0.076 | 21 | 4872 | 0.031 |
| 15:00 - 15:30 | 21 | 4872 | 0.030 | 21 | 4872 | 0.078 | 21 | 4872 | 0.077 |
| 15:30 - 16:00 | 21 | 4872 | 0.009 | 21 | 4872 | 0.082 | 21 | 4872 | 0.118 |
| 16:00 - 16:30 | 21 | 4872 | 0.030 | 21 | 4872 | 0.082 | 21 | 4872 | 0.087 |
| 16:30 - 17:00 | 21 | 4872 | 0.013 | 21 | 4872 | 0.072 | 21 | 4872 | 0.087 |
| 17:00 - 17:30 | 21 | 4872 | 0.012 | 21 | 4872 | 0.160 | 21 | 4872 | 0.109 |
| 17:30 - 17:30 | 21 | 4872 | 0.009 | 21 | 4872 | 0.077 | 21 | 4872 | 0.169 |
| 18:00 - 18:30 | 21 | 5107 | 0.001 | 21 | 5107 | 0.069 | 21 | 5107 | 0.078 |
| 18:30 - 19:00 | 20 | 5107 | 0.005 | 20 | 5107 | 0.089 | 20 | 5107 | 0.074 |
| 19:00 - 19:30 | 20 | 5107 | 0.002 | 20 | 5107 | 0.032 | 20 | 5107 | 0.034 |
| 19:00 - 19:30 | | | | | | | | | |
| | | | | | | | | | |
| 20:00 - 20:30 20:30 - 21:00 | | | | | | | | | |
| 21:00 - 21:30 | | | | | | | | | |
| 21:30 - 22:00 | | | | | | | | | |
| 21:30 - 22:00 | | | | | | | | | |
| | | | | | | | | | |
| 22:30 - 23:00 | | | | | | | | | |
| 23:00 - 23:30 | | | | | | | | | |
| 23:30 - 24:00 | | | 1 1 2 0 | | | 1.000 | | | 2 2 2 7 |
| Total Rates: | | | 1.129 | | | 1.098 | | | 2.227 |

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

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

| | | ARRIVALS | |] | DEPARTURES | | | TOTALS | |
|---------------|------|----------|-------|------|------------|-------|------|--------|--------|
| | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip |
| Time Range | Days | GFA | Rate | Days | GFA | Rate | Days | GFA | Rate |
| 00:00 - 00:30 | | | | | | | | | |
| 00:30 - 01:00 | | | | | | | | | |
| 01:00 - 01:30 | | | | | | | | | |
| 01:30 - 02:00 | | | | | | | | | |
| 02:00 - 02:30 | | | | | | | | | |
| 02:30 - 03:00 | | | | | | | | | |
| 03:00 - 03:30 | | | | | | | | | |
| 03:30 - 04:00 | | | | | | | | | |
| 04:00 - 04:30 | | | | | | | | | |
| 04:30 - 05:00 | | | | | | | | | |
| 05:00 - 05:30 | | | | | | | | | |
| 05:30 - 06:00 | | | | | | | | | |
| 06:00 - 06:30 | | | | | | | | | |
| 06:30 - 07:00 | | | | | | | | | |
| 07:00 - 07:30 | 20 | 5107 | 0.304 | 20 | 5107 | 0.017 | 20 | 5107 | 0.321 |
| 07:30 - 08:00 | 20 | 5107 | 0.474 | 20 | 5107 | 0.023 | 20 | 5107 | 0.321 |
| 08:00 - 08:30 | 20 | 4872 | 0.725 | 20 | 4872 | 0.023 | 20 | 4872 | 0.777 |
| 08:30 - 09:00 | 21 | 4872 | 0.886 | 21 | 4872 | 0.075 | 21 | 4872 | 0.961 |
| 09:00 - 09:30 | 21 | 4872 | 0.745 | 21 | 4872 | 0.133 | 21 | 4872 | 0.878 |
| 09:30 - 10:00 | 21 | 4872 | 0.502 | 21 | 4872 | 0.154 | 21 | 4872 | 0.656 |
| 10:00 - 10:30 | 21 | 4872 | 0.358 | 21 | 4872 | 0.212 | 21 | 4872 | 0.570 |
| 10:30 - 11:00 | 21 | 4872 | 0.332 | 21 | 4872 | 0.209 | 21 | 4872 | 0.541 |
| 11:00 - 11:30 | 21 | 4872 | 0.271 | 21 | 4872 | 0.274 | 21 | 4872 | 0.545 |
| 11:30 - 12:00 | 21 | 4872 | 0.273 | 21 | 4872 | 0.338 | 21 | 4872 | 0.611 |
| 12:00 - 12:30 | 21 | 4872 | 0.517 | 21 | 4872 | 0.804 | 21 | 4872 | 1.321 |
| 12:30 - 13:00 | 21 | 4872 | 0.627 | 21 | 4872 | 0.719 | 21 | 4872 | 1.346 |
| 13:00 - 13:30 | 21 | 4872 | 0.667 | 21 | 4872 | 0.663 | 21 | 4872 | 1.330 |
| 13:30 - 14:00 | 21 | 4872 | 0.638 | 21 | 4872 | 0.376 | 21 | 4872 | 1.014 |
| 14:00 - 14:30 | 21 | 4872 | 0.416 | 21 | 4872 | 0.298 | 21 | 4872 | 0.714 |
| 14:30 - 15:00 | 21 | 4872 | 0.272 | 21 | 4872 | 0.387 | 21 | 4872 | 0.659 |
| 15:00 - 15:30 | 21 | 4872 | 0.190 | 21 | 4872 | 0.405 | 21 | 4872 | 0.595 |
| 15:30 - 16:00 | 21 | 4872 | 0.204 | 21 | 4872 | 0.457 | 21 | 4872 | 0.661 |
| 16:00 - 16:30 | 21 | 4872 | 0.149 | 21 | 4872 | 0.559 | 21 | 4872 | 0.708 |
| 16:30 - 17:00 | 21 | 4872 | 0.101 | 21 | 4872 | 0.551 | 21 | 4872 | 0.652 |
| 17:00 - 17:30 | 21 | 4872 | 0.085 | 21 | 4872 | 0.933 | 21 | 4872 | 1.018 |
| 17:30 - 18:00 | 21 | 4872 | 0.044 | 21 | 4872 | 0.578 | 21 | 4872 | 0.622 |
| 18:00 - 18:30 | 20 | 5107 | 0.028 | 20 | 5107 | 0.350 | 20 | 5107 | 0.378 |
| 18:30 - 19:00 | 20 | 5107 | 0.035 | 20 | 5107 | 0.153 | 20 | 5107 | 0.188 |
| 19:00 - 19:30 | | | | | 2.37 | | | 2.27 | |
| 19:30 - 20:00 | | | | | | | | | |
| 20:00 - 20:30 | | | | | | | | | |
| 20:30 - 21:00 | | | | | | | | | |
| 21:00 - 21:30 | | | | | | | | | |
| 21:30 - 22:00 | | | | | | | | | |
| 22:00 - 22:30 | | | | | | | | | |
| 22:30 - 23:00 | | | | | | | | | |
| 23:00 - 23:30 | | | | | | | | | |
| 23:30 - 24:00 | | | | | | | | | |
| Total Rates: | 1 | | 8.843 | | 1 | 8.720 | | | 17.563 |

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

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE MULTI-MODAL CARS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

| | | ARRIVALS | | C | EPARTURES | | | TOTALS | |
|---------------|------|----------|-------|------|-----------|-------|------|--------|-------|
| | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip |
| Time Range | Days | GFA | Rate | Days | GFA | Rate | Days | GFA | Rate |
| 00:00 - 00:30 | 4 | | | 4 | | | | | |
| 00:30 - 01:00 | | | | | | | | | |
| 01:00 - 01:30 | | | | | | | | | |
| 01:30 - 02:00 | | | | | | | | | |
| 02:00 - 02:30 | | | | | | | | | |
| 02:30 - 03:00 | | | | | | | | | |
| 03:00 - 03:30 | | | | | | | | | |
| 03:30 - 04:00 | | | | | | | | | |
| 04:00 - 04:30 | | | | | | | | | |
| 04:30 - 05:00 | | | | | | | | | |
| 05:00 - 05:30 | | | | | | | | | |
| 05:30 - 06:00 | | | | | | | | | |
| 06:00 - 06:30 | | | | | | | | | |
| 06:30 - 07:00 | | | | | | | | | |
| 07:00 - 07:30 | 20 | 5107 | 0.037 | 20 | 5107 | 0.003 | 20 | 5107 | 0.040 |
| 07:30 - 08:00 | 20 | 5107 | 0.117 | 20 | 5107 | 0.011 | 20 | 5107 | 0.128 |
| 08:00 - 08:30 | 21 | 4872 | 0.199 | 21 | 4872 | 0.008 | 21 | 4872 | 0.207 |
| 08:30 - 09:00 | 21 | 4872 | 0.245 | 21 | 4872 | 0.021 | 21 | 4872 | 0.266 |
| 09:00 - 09:30 | 21 | 4872 | 0.179 | 21 | 4872 | 0.040 | 21 | 4872 | 0.219 |
| 09:30 - 10:00 | 21 | 4872 | 0.118 | 21 | 4872 | 0.046 | 21 | 4872 | 0.164 |
| 10:00 - 10:30 | 21 | 4872 | 0.074 | 21 | 4872 | 0.065 | 21 | 4872 | 0.139 |
| 10:30 - 11:00 | 21 | 4872 | 0.073 | 21 | 4872 | 0.054 | 21 | 4872 | 0.127 |
| 11:00 - 11:30 | 21 | 4872 | 0.042 | 21 | 4872 | 0.034 | 21 | 4872 | 0.076 |
| 11:30 - 12:00 | 21 | 4872 | 0.056 | 21 | 4872 | 0.050 | 21 | 4872 | 0.106 |
| 12:00 - 12:30 | 21 | 4872 | 0.050 | 21 | 4872 | 0.066 | 21 | 4872 | 0.116 |
| 12:30 - 13:00 | 21 | 4872 | 0.063 | 21 | 4872 | 0.075 | 21 | 4872 | 0.138 |
| 13:00 - 13:30 | 21 | 4872 | 0.070 | 21 | 4872 | 0.060 | 21 | 4872 | 0.130 |
| 13:30 - 14:00 | 21 | 4872 | 0.079 | 21 | 4872 | 0.059 | 21 | 4872 | 0.138 |
| 14:00 - 14:30 | 21 | 4872 | 0.046 | 21 | 4872 | 0.055 | 21 | 4872 | 0.101 |
| 14:30 - 15:00 | 21 | 4872 | 0.038 | 21 | 4872 | 0.073 | 21 | 4872 | 0.111 |
| 15:00 - 15:30 | 21 | 4872 | 0.040 | 21 | 4872 | 0.072 | 21 | 4872 | 0.112 |
| 15:30 - 16:00 | 21 | 4872 | 0.036 | 21 | 4872 | 0.074 | 21 | 4872 | 0.110 |
| 16:00 - 16:30 | 21 | 4872 | 0.040 | 21 | 4872 | 0.123 | 21 | 4872 | 0.163 |
| 16:30 - 17:00 | 21 | 4872 | 0.031 | 21 | 4872 | 0.118 | 21 | 4872 | 0.149 |
| 17:00 - 17:30 | 21 | 4872 | 0.019 | 21 | 4872 | 0.248 | 21 | 4872 | 0.267 |
| 17:30 - 18:00 | 21 | 4872 | 0.017 | 21 | 4872 | 0.134 | 21 | 4872 | 0.151 |
| 18:00 - 18:30 | 20 | 5107 | 0.007 | 20 | 5107 | 0.112 | 20 | 5107 | 0.119 |
| 18:30 - 19:00 | 20 | 5107 | 0.006 | 20 | 5107 | 0.045 | 20 | 5107 | 0.051 |
| 19:00 - 19:30 | 25 | | 0.000 | 20 | 5107 | 0.010 | 20 | 3107 | 0.001 |
| 19:30 - 20:00 | | | | | | | | | |
| 20:00 - 20:30 | | | | | | | | | |
| 20:30 - 21:00 | | | | | | | | | |
| 21:00 - 21:30 | | | | | | | | | |
| 21:30 - 22:00 | | | | | | | | | |
| 22:00 - 22:30 | | | | | | | | | |
| 22:30 - 23:00 | | | | | | | | | |
| 23:00 - 23:30 | | | | | | | | | |
| 23:30 - 24:00 | | | | | | | | | |
| 20.00 27.00 | | | 1.682 | | | 1.646 | | | 3.328 |

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

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE MULTI-MODAL LGVS Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

| | | ARRIVALS | | C | DEPARTURES | | | TOTALS | |
|---------------|------|----------|-------|------|------------|-------|------|--------|-------|
| | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip |
| Time Range | Days | GFA | Rate | Days | GFA | Rate | Days | GFA | Rate |
| 00:00 - 00:30 | | | | | | | | | |
| 00:30 - 01:00 | | | | | | | | | |
| 01:00 - 01:30 | | | | | | | | | |
| 01:30 - 02:00 | | | | | | | | | |
| 02:00 - 02:30 | | | | | | | | | |
| 02:30 - 03:00 | | | | | | | | | |
| 03:00 - 03:30 | | | | | | | | | |
| 03:30 - 04:00 | | | | | | | | | |
| 04:00 - 04:30 | | | | | | | | | |
| 04:30 - 05:00 | | | | | | | | | |
| 05:00 - 05:30 | | | | | | | | | |
| 05:30 - 06:00 | | | | | | | | | |
| 06:00 - 06:30 | | | | | | | | | |
| 06:30 - 07:00 | | | | | | | | | |
| 07:00 - 07:30 | 20 | 5107 | 0.005 | 20 | 5107 | 0.004 | 20 | 5107 | 0.009 |
| 07:30 - 08:00 | 20 | 5107 | 0.012 | 20 | 5107 | 0.007 | 20 | 5107 | 0.019 |
| 08:00 - 08:30 | 21 | 4872 | 0.015 | 21 | 4872 | 0.022 | 21 | 4872 | 0.037 |
| 08:30 - 09:00 | 21 | 4872 | 0.018 | 21 | 4872 | 0.014 | 21 | 4872 | 0.032 |
| 09:00 - 09:30 | 21 | 4872 | 0.006 | 21 | 4872 | 0.015 | 21 | 4872 | 0.021 |
| 09:30 - 10:00 | 21 | 4872 | 0.011 | 21 | 4872 | 0.007 | 21 | 4872 | 0.018 |
| 10:00 - 10:30 | 21 | 4872 | 0.006 | 21 | 4872 | 0.009 | 21 | 4872 | 0.015 |
| 10:30 - 11:00 | 21 | 4872 | 0.011 | 21 | 4872 | 0.007 | 21 | 4872 | 0.018 |
| 11:00 - 11:30 | 21 | 4872 | 0.008 | 21 | 4872 | 0.010 | 21 | 4872 | 0.018 |
| 11:30 - 12:00 | 21 | 4872 | 0.007 | 21 | 4872 | 0.004 | 21 | 4872 | 0.011 |
| 12:00 - 12:30 | 21 | 4872 | 0.009 | 21 | 4872 | 0.008 | 21 | 4872 | 0.017 |
| 12:30 - 13:00 | 21 | 4872 | 0.011 | 21 | 4872 | 0.014 | 21 | 4872 | 0.025 |
| 13:00 - 13:30 | 21 | 4872 | 0.004 | 21 | 4872 | 0.004 | 21 | 4872 | 0.008 |
| 13:30 - 14:00 | 21 | 4872 | 0.008 | 21 | 4872 | 0.004 | 21 | 4872 | 0.012 |
| 14:00 - 14:30 | 21 | 4872 | 0.008 | 21 | 4872 | 0.003 | 21 | 4872 | 0.011 |
| 14:30 - 15:00 | 21 | 4872 | 0.007 | 21 | 4872 | 0.007 | 21 | 4872 | 0.014 |
| 15:00 - 15:30 | 21 | 4872 | 0.008 | 21 | 4872 | 0.011 | 21 | 4872 | 0.019 |
| 15:30 - 16:00 | 21 | 4872 | 0.011 | 21 | 4872 | 0.010 | 21 | 4872 | 0.021 |
| 16:00 - 16:30 | 21 | 4872 | 0.015 | 21 | 4872 | 0.019 | 21 | 4872 | 0.034 |
| 16:30 - 17:00 | 21 | 4872 | 0.012 | 21 | 4872 | 0.010 | 21 | 4872 | 0.022 |
| 17:00 - 17:30 | 21 | 4872 | 0.009 | 21 | 4872 | 0.007 | 21 | 4872 | 0.016 |
| 17:30 - 18:00 | 21 | 4872 | 0.008 | 21 | 4872 | 0.008 | 21 | 4872 | 0.016 |
| 18:00 - 18:30 | 20 | 5107 | 0.004 | 20 | 5107 | 0.006 | 20 | 5107 | 0.010 |
| 18:30 - 19:00 | 20 | 5107 | 0.002 | 20 | 5107 | 0.004 | 20 | 5107 | 0.006 |
| 19:00 - 19:30 | | | | | | | | | |
| 19:30 - 20:00 | | | | | | | | | |
| 20:00 - 20:30 | | | | | | | | | |
| 20:30 - 21:00 | | | | | | | | | |
| 21:00 - 21:30 | | | | | | | | | |
| 21:30 - 22:00 | | | | | | | | | |
| 22:00 - 22:30 | | | | | | | | | |
| 22:30 - 23:00 | | | | | | | | | |
| 23:00 - 23:30 | | | | | | | | | |
| 23:30 - 24:00 | | | | | | | | | |
| Total Rates: | | | 0.215 | | | 0.214 | | | 0.429 |
| . star natos. | | | 0.210 | | | 0.214 | | | 5.727 |

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

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

Licence No: 236603

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE MULTI-MODAL MOTOR CYCLES Calculation factor: 100 sqm BOLD print indicates peak (busiest) period

| | | ARRIVALS | |] | DEPARTURES | | | TOTALS | |
|---------------|------|----------|-------|------|------------|-------|------|--------|-------|
| | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip |
| Time Range | Days | GFA | Rate | Days | GFA | Rate | Days | GFA | Rate |
| 00:00 - 00:30 | | | | 4 | | | | | |
| 00:30 - 01:00 | | | | | | | | | |
| 01:00 - 01:30 | | | | | | | | | |
| 01:30 - 02:00 | | | | | | | | | |
| 02:00 - 02:30 | | | | | | | | | |
| 02:30 - 03:00 | | | | | | | | | |
| 03:00 - 03:30 | | | | | | | | | |
| 03:30 - 04:00 | | | | | | | | | |
| 04:00 - 04:30 | | | | | | | | | |
| 04:30 - 05:00 | | | | | | | | | |
| 05:00 - 05:30 | | | | | | | | | |
| 05:30 - 06:00 | | | | | | | | | |
| 06:00 - 06:30 | | | | | | | | | |
| 06:30 - 07:00 | | | | | | | | | |
| 07:00 - 07:30 | 20 | 5107 | 0.001 | 20 | 5107 | 0.000 | 20 | 5107 | 0.001 |
| 07:30 - 08:00 | 20 | 5107 | 0.002 | 20 | 5107 | 0.000 | 20 | 5107 | 0.002 |
| 08:00 - 08:30 | 21 | 4872 | 0.003 | 21 | 4872 | 0.001 | 21 | 4872 | 0.004 |
| 08:30 - 09:00 | 21 | 4872 | 0.006 | 21 | 4872 | 0.001 | 21 | 4872 | 0.007 |
| 09:00 - 09:30 | 21 | 4872 | 0.005 | 21 | 4872 | 0.001 | 21 | 4872 | 0.006 |
| 09:30 - 10:00 | 21 | 4872 | 0.001 | 21 | 4872 | 0.001 | 21 | 4872 | 0.002 |
| 10:00 - 10:30 | 21 | 4872 | 0.003 | 21 | 4872 | 0.000 | 21 | 4872 | 0.003 |
| 10:30 - 11:00 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 |
| 11:00 - 11:30 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 |
| 11:30 - 12:00 | 21 | 4872 | 0.000 | 21 | 4872 | 0.001 | 21 | 4872 | 0.001 |
| 12:00 - 12:30 | 21 | 4872 | 0.001 | 21 | 4872 | 0.000 | 21 | 4872 | 0.001 |
| 12:30 - 13:00 | 21 | 4872 | 0.000 | 21 | 4872 | 0.001 | 21 | 4872 | 0.001 |
| 13:00 - 13:30 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 |
| 13:30 - 14:00 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 |
| 14:00 - 14:30 | 21 | 4872 | 0.002 | 21 | 4872 | 0.001 | 21 | 4872 | 0.003 |
| 14:30 - 15:00 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 | 21 | 4872 | 0.000 |
| 15:00 - 15:30 | 21 | 4872 | 0.000 | 21 | 4872 | 0.002 | 21 | 4872 | 0.002 |
| 15:30 - 16:00 | 21 | 4872 | 0.000 | 21 | 4872 | 0.003 | 21 | 4872 | 0.003 |
| 16:00 - 16:30 | 21 | 4872 | 0.001 | 21 | 4872 | 0.001 | 21 | 4872 | 0.002 |
| 16:30 - 17:00 | 21 | 4872 | 0.001 | 21 | 4872 | 0.002 | 21 | 4872 | 0.003 |
| 17:00 - 17:30 | 21 | 4872 | 0.001 | 21 | 4872 | 0.006 | 21 | 4872 | 0.007 |
| 17:30 - 18:00 | 21 | 4872 | 0.000 | 21 | 4872 | 0.005 | 21 | 4872 | 0.005 |
| 18:00 - 18:30 | 20 | 5107 | 0.000 | 20 | 5107 | 0.001 | 20 | 5107 | 0.001 |
| 18:30 - 19:00 | 20 | 5107 | 0.000 | 20 | 5107 | 0.000 | 20 | 5107 | 0.000 |
| 19:00 - 19:30 | | | | | | | | | |
| 19:30 - 20:00 | | | | | | | | | |
| 20:00 - 20:30 | | | | | | | | | |
| 20:30 - 21:00 | | | | | | | | | |
| 21:00 - 21:30 | | | | | | | | | |
| 21:30 - 22:00 | | | | | | | | | |
| 22:00 - 22:30 | | | | | | | | | |
| 22:30 - 23:00 | | | | | | | | | |
| 23:00 - 23:30 | | | | | | | | | |
| 23:30 - 24:00 | | | | | | | | | |
| Total Rates: | | | 0.027 | | | 0.027 | | | 0.054 |

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

APPENDIX B. Residential Trip Rates

| | nt of TRICS Consortium Limited, 2020. All rig | Page 1 |
|---|---|-----------------------------------|
| i-Transport LLP 4 Lombard Street Londor | 1 | Licence No: 236603 |
| Filtering Summary | | |
| Land Use | 03/C | RESIDENTIAL/FLATS PRIVATELY OWNED |
| Selected Trip Rate Calculation Parameter Rang | e 100-500 DWELLS | |
| Actual Trip Rate Calculation Parameter Range | 6-175 DWELLS | |
| Date Range | Minimum: 01/01/12 | Maximum: 18/11/19 |
| Parking Spaces Range | All Surveys Included | |
| Parking Spaces Per Dwelling Range: | All Surveys Included | |
| Bedrooms Per Dwelling Range: | All Surveys Included | |
| Percentage of dwellings privately owned: | All Surveys Included | |
| Days of the week selected | Tuesday Wednesday Thursday | 7 1 3 |
| Main Location Types selected | Edge of Town Centre Edge of Town | 9 2 |
| Population <1 Mile ranges selected | 10,001 to 15,000 15,001 to 20,000 25,001 to 50,000 | 3 1 7 |
| Population <5 Mile ranges selected | 5,001 to 25,000 50,001 to 75,000 125,001 to 250,000 250,001 to 500,000 | 1 5 3 2 |
| Car Ownership <5 Mile ranges selected | 0.6 to 1.0 1.1 to 1.5 | 3 8 |
| PTAL Rating | No PTAL Present | 11 |

Licence No: 236603

Calculation Reference: AUDIT-236603-200806-0859

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL Category : C - FLATS PRIVATELY OWNED MULTI-MODAL VEHICLES

i-Transport LLP 4 Lombard Street

| Seled | cted regions and areas: | |
|-------|------------------------------|--------|
| 02 | SOUTH EAST | |
| | BD BEDFORDSHIRE | 3 days |
| | EX ESSEX | 2 days |
| | HC HAMPSHIRE | 1 days |
| | HF HERTFORDSHIRE | 1 days |
| 04 | EAST ANGLIA | |
| | NF NORFOLK | 1 days |
| | SF SUFFOLK | 1 days |
| 07 | YORKSHIRE & NORTH LINCOLNSHI | RE |
| | RI EAST RIDING OF YORKSHIRE | 1 days |
| 09 | NORTH | |
| | CB CUMBRIA | 1 days |

London

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

Primary Filtering selection:

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

| Parameter: | No of Dwellings |
|----------------------------|-------------------------------|
| Actual Range: | 6 to 175 (units:) |
| Range Selected by User: | 100 to 500 (units:) |
| Parking Spaces Range: | All Surveys Included |
| Parking Spaces per Dwellin | g Range: All Surveys Included |

Bedrooms per Dwelling Range: All Surveys Included

Percentage of dwellings privately owned: All Surveys Included

Public Transport Provision:

Selection by:

Date Range: 01/01/12 to 18/11/19

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

Include all surveys

| <u>Selected survey days:</u> | |
|------------------------------|--------|
| Tuesday | 7 days |
| Wednesday | 1 days |
| Thursday | 3 days |

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

| <u>Selected survey types:</u> | |
|-------------------------------|---------|
| Manual count | 11 days |
| Directional ATC Count | 0 days |

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

| Selected Locations: | |
|---------------------|---|
| Edge of Town Centre | 9 |
| Edge of Town | 2 |

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

| Selected Location Sub Categories: | |
|-----------------------------------|---|
| Residential Zone | 5 |
| Built-Up Zone | 4 |
| 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.

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|---|--|----------------------------|
| | | Page |
| port LLP 4 Lombard Street Lond | lon | Licence No: 23660 |
| Secondary Filtering selection: | | |
| Use Class: | | |
| C3 | 11 days | |
| This data displays the number of su | rveys per Use Class classification within the selected set. | The Use Classes Order 2005 |
| has been used for this purpose, whi | ich can be found within the Library module of TRICS®. | |
| Population within 1 mile: | | |
| 10,001 to 15,000 | 3 days | |
| 15,001 to 20,000 | 1 days | |
| 25,001 to 50,000 | 7 days | |
| This data displays the number of se | lected surveys within stated 1-mile radii of population. | |
| , 5 | | |
| Population within 5 miles: | | |
| 5,001 to 25,000 | 1 days | |
| 50,001 to 75,000 | E dave | |
| | 5 days | |
| 125,001 to 250,000 | 3 days | |
| 125,001 to 250,000 250,001 to 500,000 | | |
| 250,001 to 500,000 | 3 days 2 days | |
| 250,001 to 500,000 | 3 days | |
| 250,001 to 500,000 This data displays the number of se <u>Car ownership within 5 miles:</u> | 3 days 2 days Nected surveys within stated 5-mile radii of population. | |
| 250,001 to 500,000 This data displays the number of se | 3 days 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.

| <u>Travel Plan:</u> | |
|---------------------|--------|
| Yes | 2 days |
| No | 9 days |

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

<u>PTAL Rating:</u> No PTAL Present

11 days

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

LIST OF SITES relevant to selection parameters

| LISI | OF STIES relevant to selec | <u>ection parameters</u> | | |
|------|---|-------------------------------|------------------------|---|
| 1 | BD-03-C-01 BLC WING ROAD LEIGHTON BUZZARD LINSLADE Edge of Town Centre Residential Zone | OCKS OF FLATS | | BEDFORDSHI RE |
| 2 | Total No of Dwellings: <i>Survey date: TUE</i> | | 175 <i>15/05/18</i> | <i>Survey Type: MANUAL</i> BEDFORDSHIRE |
| 3 | Edge of Town Centre Residential Zone Total No of Dwellings: <i>Survey date: TUE</i> BD-03-C-03 BLC COURT DRIVE DUNSTABLE | <i>ESDAY</i> OCKS OF FLATS | 62 <i>15/05/18</i> | <i>Survey Type: MANUAL</i> BEDFORDSHIRE |
| 4 | Edge of Town Centre No Sub Category Total No of Dwellings: <i>Survey date: TUE</i> CB-03-C-02 BLO BRIDGE LANE PENRITH | | 146 <i>15/05/18</i> | <i>Survey Type: MANUAL</i> CUMBRIA |
| 5 | WESTCLIFF PARADE SOUTHEND-ON-SEA WESTCLIFF | <i>DNESDAY</i> ATS | 35 <i>11/06/14</i> | <i>Survey Type: MANUAL</i> ESSEX |
| 6 | Edge of Town Centre Residential Zone Total No of Dwellings: <i>Survey date: TUE</i> EX-03-C-02 BLO WESTCLIFF PARADE SOUTHEND-ON-SEA WESTCLIFF Edge of Town Centre | <i>ESDAY</i> OCK OF FLATS | 6 22/10/13 | <i>Survey Type: MANUAL</i> ESSEX |
| 7 | Residential Zone Total No of Dwellings: <i>Survey date: TUE</i> | <i>ESDAY</i> OCKS OF FLATS | 94 <i>22/10/13</i> | <i>Survey Type: MANUAL</i> HAMPSHI RE |
| 8 | Edge of Town Centre Built-Up Zone Total No of Dwellings: <i>Survey date: TUE</i> HF-03-C-03 BLC SHENLEY ROAD BOREHAMWOOD | <i>ESDAY</i> OCK OF FLATS | 90 <i>05/06/18</i> | <i>Survey Type: MANUAL</i> HERTFORDSHIRE |
| | Edge of Town Centre Built-Up Zone Total No of Dwellings: <i>Survey date: THU</i> | URSDAY | 91 <i>14/11/19</i> | Survey Type: MANUAL |

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|-------------|---|-------------------------|------------------------|---------|---|----------|----------------------|
| ransport L | LP 4 Lombard Stree | t London | | | | Licence | Page 5 No: 236603 |
| <u>LIST</u> | OF SITES relevant to . | selection parameters (C | <u>Cont.)</u> | | | | |
| 9 | NF-03-C-01 PAGE STAIR LANE KING'S LYNN | BLOCKS OF FLATS | | Ν | NORFOLK | | |
| 10 | Edge of Town Centre Built-Up Zone Total No of Dwellings <i>Survey date:</i> RI-03-C-01 465 PRIORY ROAD HULL | : | 51 <i>11/12/14</i> | E | <i>Survey Type: MANUAL</i> EAST RIDING OF YORKSH | H RE | |
| 11 | Edge of Town Residential Zone Total No of Dwellings <i>Survey date:</i> SF-03-C-01 STATION HILL BURY ST EDMUNDS | | 20 <i>13/05/14</i> | S | <i>Survey Type: MANUAL</i> SUFFOLK | | |
| | Edge of Town Centre Built-Up Zone Total No of Dwellings <i>Survey date:</i> | : | 85 1 <i>8/12/14</i> | | Survey Type: MANUAL | | |

TRI

i-Tr

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 | 5 | | TOTALS | |
|---------------|----------|--------|-------|------|------------|-------|------|--------|-------|
| | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip |
| Time Range | Days | DWELLS | Rate | Days | DWELLS | Rate | Days | DWELLS | Rate |
| 00:00 - 01:00 | | | | | | | | | |
| 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 | 11 | 78 | 0.044 | 11 | 78 | 0.160 | 11 | 78 | 0.204 |
| 08:00 - 09:00 | 11 | 78 | 0.056 | 11 | 78 | 0.180 | 11 | 78 | 0.236 |
| 09:00 - 10:00 | 11 | 78 | 0.073 | 11 | 78 | 0.084 | 11 | 78 | 0.157 |
| 10:00 - 11:00 | 11 | 78 | 0.073 | 11 | 78 | 0.091 | 11 | 78 | 0.164 |
| 11:00 - 12:00 | 11 | 78 | 0.075 | 11 | 78 | 0.085 | 11 | 78 | 0.160 |
| 12:00 - 13:00 | 11 | 78 | 0.113 | 11 | 78 | 0.105 | 11 | 78 | 0.218 |
| 13:00 - 14:00 | 11 | 78 | 0.090 | 11 | 78 | 0.096 | 11 | 78 | 0.186 |
| 14:00 - 15:00 | 11 | 78 | 0.071 | 11 | 78 | 0.076 | 11 | 78 | 0.147 |
| 15:00 - 16:00 | 11 | 78 | 0.089 | 11 | 78 | 0.071 | 11 | 78 | 0.160 |
| 16:00 - 17:00 | 11 | 78 | 0.126 | 11 | 78 | 0.068 | 11 | 78 | 0.194 |
| 17:00 - 18:00 | 11 | 78 | 0.181 | 11 | 78 | 0.096 | 11 | 78 | 0.277 |
| 18:00 - 19:00 | 11 | 78 | 0.193 | 11 | 78 | 0.106 | 11 | 78 | 0.299 |
| 19:00 - 20:00 | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | |
| Total Rates: | | | 1.184 | | | 1.218 | | | 2.402 |

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

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

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Parameter summary

| Trip rate parameter range selected: | 6 - 175 (units:) |
|---|---------------------|
| Survey date date range: | 01/01/12 - 18/11/19 |
| Number of weekdays (Monday-Friday): | 11 |
| Number of Saturdays: | 0 |
| Number of Sundays: | 0 |
| Surveys automatically removed from selection: | 0 |
| Surveys manually removed from selection: | 0 |

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

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

| | | ARRIVALS | | [| DEPARTURES | | | TOTALS | |
|---------------|------|----------|-------|------|------------|-------|------|--------|-------|
| | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip |
| Time Range | Days | DWELLS | Rate | Days | DWELLS | Rate | Days | DWELLS | Rate |
| 00:00 - 01:00 | | | | | | | | | |
| 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 | 11 | 78 | 0.001 | 11 | 78 | 0.002 | 11 | 78 | 0.003 |
| 08:00 - 09:00 | 11 | 78 | 0.004 | 11 | 78 | 0.002 | 11 | 78 | 0.006 |
| 09:00 - 10:00 | 11 | 78 | 0.002 | 11 | 78 | 0.004 | 11 | 78 | 0.006 |
| 10:00 - 11:00 | 11 | 78 | 0.002 | 11 | 78 | 0.002 | 11 | 78 | 0.004 |
| 11:00 - 12:00 | 11 | 78 | 0.006 | 11 | 78 | 0.006 | 11 | 78 | 0.012 |
| 12:00 - 13:00 | 11 | 78 | 0.007 | 11 | 78 | 0.007 | 11 | 78 | 0.014 |
| 13:00 - 14:00 | 11 | 78 | 0.001 | 11 | 78 | 0.001 | 11 | 78 | 0.002 |
| 14:00 - 15:00 | 11 | 78 | 0.000 | 11 | 78 | 0.000 | 11 | 78 | 0.000 |
| 15:00 - 16:00 | 11 | 78 | 0.001 | 11 | 78 | 0.001 | 11 | 78 | 0.002 |
| 16:00 - 17:00 | 11 | 78 | 0.005 | 11 | 78 | 0.005 | 11 | 78 | 0.010 |
| 17:00 - 18:00 | 11 | 78 | 0.004 | 11 | 78 | 0.004 | 11 | 78 | 0.008 |
| 18:00 - 19:00 | 11 | 78 | 0.002 | 11 | 78 | 0.001 | 11 | 78 | 0.003 |
| 19:00 - 20:00 | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | |
| Total Rates: | | | 0.035 | | | 0.035 | | | 0.070 |

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

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

| | ARRIVALS | | | [| DEPARTURES | • | | TOTALS | |
|---------------|----------|--------|-------|------|------------|-------|------|--------|-------|
| | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip |
| Time Range | Days | DWELLS | Rate | Days | DWELLS | Rate | Days | DWELLS | Rate |
| 00:00 - 01:00 | | | | | | | | | |
| 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 | 11 | 78 | 0.005 | 11 | 78 | 0.005 | 11 | 78 | 0.010 |
| 08:00 - 09:00 | 11 | 78 | 0.000 | 11 | 78 | 0.000 | 11 | 78 | 0.000 |
| 09:00 - 10:00 | 11 | 78 | 0.001 | 11 | 78 | 0.001 | 11 | 78 | 0.002 |
| 10:00 - 11:00 | 11 | 78 | 0.000 | 11 | 78 | 0.000 | 11 | 78 | 0.000 |
| 11:00 - 12:00 | 11 | 78 | 0.001 | 11 | 78 | 0.000 | 11 | 78 | 0.001 |
| 12:00 - 13:00 | 11 | 78 | 0.001 | 11 | 78 | 0.002 | 11 | 78 | 0.003 |
| 13:00 - 14:00 | 11 | 78 | 0.001 | 11 | 78 | 0.001 | 11 | 78 | 0.002 |
| 14:00 - 15:00 | 11 | 78 | 0.000 | 11 | 78 | 0.000 | 11 | 78 | 0.000 |
| 15:00 - 16:00 | 11 | 78 | 0.000 | 11 | 78 | 0.000 | 11 | 78 | 0.000 |
| 16:00 - 17:00 | 11 | 78 | 0.000 | 11 | 78 | 0.000 | 11 | 78 | 0.000 |
| 17:00 - 18:00 | 11 | 78 | 0.000 | 11 | 78 | 0.000 | 11 | 78 | 0.000 |
| 18:00 - 19:00 | 11 | 78 | 0.000 | 11 | 78 | 0.000 | 11 | 78 | 0.000 |
| 19:00 - 20:00 | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | |
| Total Rates: | | | 0.009 | | | 0.009 | | | 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.

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

| | ARRIVALS | | | | DEPARTURES | • | TOTALS | | | |
|---------------|----------|--------|-------|------|------------|-------|--------|--------|-------|--|
| | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip | |
| Time Range | Days | DWELLS | Rate | Days | DWELLS | Rate | Days | DWELLS | Rate | |
| 00:00 - 01:00 | | | | | | | | | | |
| 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 | 11 | 78 | 0.001 | 11 | 78 | 0.008 | 11 | 78 | 0.009 | |
| 08:00 - 09:00 | 11 | 78 | 0.002 | 11 | 78 | 0.011 | 11 | 78 | 0.013 | |
| 09:00 - 10:00 | 11 | 78 | 0.001 | 11 | 78 | 0.001 | 11 | 78 | 0.002 | |
| 10:00 - 11:00 | 11 | 78 | 0.002 | 11 | 78 | 0.004 | 11 | 78 | 0.006 | |
| 11:00 - 12:00 | 11 | 78 | 0.007 | 11 | 78 | 0.006 | 11 | 78 | 0.013 | |
| 12:00 - 13:00 | 11 | 78 | 0.002 | 11 | 78 | 0.004 | 11 | 78 | 0.006 | |
| 13:00 - 14:00 | 11 | 78 | 0.002 | 11 | 78 | 0.002 | 11 | 78 | 0.004 | |
| 14:00 - 15:00 | 11 | 78 | 0.004 | 11 | 78 | 0.001 | 11 | 78 | 0.005 | |
| 15:00 - 16:00 | 11 | 78 | 0.005 | 11 | 78 | 0.001 | 11 | 78 | 0.006 | |
| 16:00 - 17:00 | 11 | 78 | 0.002 | 11 | 78 | 0.001 | 11 | 78 | 0.003 | |
| 17:00 - 18:00 | 11 | 78 | 0.009 | 11 | 78 | 0.004 | 11 | 78 | 0.013 | |
| 18:00 - 19:00 | 11 | 78 | 0.004 | 11 | 78 | 0.000 | 11 | 78 | 0.004 | |
| 19:00 - 20:00 | | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | | |
| Total Rates: | | | 0.041 | | | 0.043 | | | 0.084 | |

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

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

| | ARRIVALS | | | I | DEPARTURES | 5 | | TOTALS | |
|---------------|----------|--------|-------|------|------------|-------|------|--------|-------|
| | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip |
| Time Range | Days | DWELLS | Rate | Days | DWELLS | Rate | Days | DWELLS | Rate |
| 00:00 - 01:00 | | | | | | | | | |
| 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 | 11 | 78 | 0.056 | 11 | 78 | 0.234 | 11 | 78 | 0.290 |
| 08:00 - 09:00 | 11 | 78 | 0.067 | 11 | 78 | 0.304 | 11 | 78 | 0.371 |
| 09:00 - 10:00 | 11 | 78 | 0.101 | 11 | 78 | 0.112 | 11 | 78 | 0.213 |
| 10:00 - 11:00 | 11 | 78 | 0.094 | 11 | 78 | 0.127 | 11 | 78 | 0.221 |
| 11:00 - 12:00 | 11 | 78 | 0.095 | 11 | 78 | 0.113 | 11 | 78 | 0.208 |
| 12:00 - 13:00 | 11 | 78 | 0.151 | 11 | 78 | 0.156 | 11 | 78 | 0.307 |
| 13:00 - 14:00 | 11 | 78 | 0.129 | 11 | 78 | 0.117 | 11 | 78 | 0.246 |
| 14:00 - 15:00 | 11 | 78 | 0.087 | 11 | 78 | 0.103 | 11 | 78 | 0.190 |
| 15:00 - 16:00 | 11 | 78 | 0.136 | 11 | 78 | 0.099 | 11 | 78 | 0.235 |
| 16:00 - 17:00 | 11 | 78 | 0.199 | 11 | 78 | 0.087 | 11 | 78 | 0.286 |
| 17:00 - 18:00 | 11 | 78 | 0.283 | 11 | 78 | 0.131 | 11 | 78 | 0.414 |
| 18:00 - 19:00 | 11 | 78 | 0.322 | 11 | 78 | 0.146 | 11 | 78 | 0.468 |
| 19:00 - 20:00 | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | |
| Total Rates: | | | 1.720 | | | 1.729 | | | 3.449 |

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

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

| | | ARRIVALS | | I | DEPARTURES | 5 | | TOTALS | |
|---------------|------|----------|-------|------|------------|-------|------|--------|-------|
| | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip |
| Time Range | Days | DWELLS | Rate | Days | DWELLS | Rate | Days | DWELLS | Rate |
| 00:00 - 01:00 | | | | | | | | | |
| 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 | 11 | 78 | 0.020 | 11 | 78 | 0.064 | 11 | 78 | 0.084 |
| 08:00 - 09:00 | 11 | 78 | 0.021 | 11 | 78 | 0.071 | 11 | 78 | 0.092 |
| 09:00 - 10:00 | 11 | 78 | 0.040 | 11 | 78 | 0.049 | 11 | 78 | 0.089 |
| 10:00 - 11:00 | 11 | 78 | 0.053 | 11 | 78 | 0.040 | 11 | 78 | 0.093 |
| 11:00 - 12:00 | 11 | 78 | 0.033 | 11 | 78 | 0.036 | 11 | 78 | 0.069 |
| 12:00 - 13:00 | 11 | 78 | 0.050 | 11 | 78 | 0.044 | 11 | 78 | 0.094 |
| 13:00 - 14:00 | 11 | 78 | 0.044 | 11 | 78 | 0.036 | 11 | 78 | 0.080 |
| 14:00 - 15:00 | 11 | 78 | 0.041 | 11 | 78 | 0.042 | 11 | 78 | 0.083 |
| 15:00 - 16:00 | 11 | 78 | 0.054 | 11 | 78 | 0.046 | 11 | 78 | 0.100 |
| 16:00 - 17:00 | 11 | 78 | 0.057 | 11 | 78 | 0.055 | 11 | 78 | 0.112 |
| 17:00 - 18:00 | 11 | 78 | 0.067 | 11 | 78 | 0.061 | 11 | 78 | 0.128 |
| 18:00 - 19:00 | 11 | 78 | 0.071 | 11 | 78 | 0.062 | 11 | 78 | 0.133 |
| 19:00 - 20:00 | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | |
| Total Rates: | | | 0.551 | | | 0.606 | | | 1.157 |

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

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 | 5 | | TOTALS | |
|---------------|----------|--------|-------|------|------------|-------|------|--------|-------|
| | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip |
| Time Range | Days | DWELLS | Rate | Days | DWELLS | Rate | Days | DWELLS | Rate |
| 00:00 - 01:00 | | | | | | | | | |
| 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 | 11 | 78 | 0.001 | 11 | 78 | 0.042 | 11 | 78 | 0.043 |
| 08:00 - 09:00 | 11 | 78 | 0.009 | 11 | 78 | 0.090 | 11 | 78 | 0.099 |
| 09:00 - 10:00 | 11 | 78 | 0.002 | 11 | 78 | 0.026 | 11 | 78 | 0.028 |
| 10:00 - 11:00 | 11 | 78 | 0.006 | 11 | 78 | 0.006 | 11 | 78 | 0.012 |
| 11:00 - 12:00 | 11 | 78 | 0.009 | 11 | 78 | 0.007 | 11 | 78 | 0.016 |
| 12:00 - 13:00 | 11 | 78 | 0.019 | 11 | 78 | 0.020 | 11 | 78 | 0.039 |
| 13:00 - 14:00 | 11 | 78 | 0.012 | 11 | 78 | 0.025 | 11 | 78 | 0.037 |
| 14:00 - 15:00 | 11 | 78 | 0.019 | 11 | 78 | 0.011 | 11 | 78 | 0.030 |
| 15:00 - 16:00 | 11 | 78 | 0.060 | 11 | 78 | 0.015 | 11 | 78 | 0.075 |
| 16:00 - 17:00 | 11 | 78 | 0.027 | 11 | 78 | 0.009 | 11 | 78 | 0.036 |
| 17:00 - 18:00 | 11 | 78 | 0.051 | 11 | 78 | 0.009 | 11 | 78 | 0.060 |
| 18:00 - 19:00 | 11 | 78 | 0.046 | 11 | 78 | 0.011 | 11 | 78 | 0.057 |
| 19:00 - 20:00 | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | |
| Total Rates: | | | 0.261 | | | 0.271 | | | 0.532 |

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

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

| | | ARRIVALS | | I | DEPARTURES | | | TOTALS | |
|---------------|------|----------|-------|------|------------|-------|------|--------|-------|
| | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip |
| Time Range | Days | DWELLS | Rate | Days | DWELLS | Rate | Days | DWELLS | Rate |
| 00:00 - 01:00 | | | | | | | | | |
| 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 | 11 | 78 | 0.000 | 11 | 78 | 0.026 | 11 | 78 | 0.026 |
| 08:00 - 09:00 | 11 | 78 | 0.001 | 11 | 78 | 0.023 | 11 | 78 | 0.024 |
| 09:00 - 10:00 | 11 | 78 | 0.000 | 11 | 78 | 0.009 | 11 | 78 | 0.009 |
| 10:00 - 11:00 | 11 | 78 | 0.006 | 11 | 78 | 0.004 | 11 | 78 | 0.010 |
| 11:00 - 12:00 | 11 | 78 | 0.002 | 11 | 78 | 0.001 | 11 | 78 | 0.003 |
| 12:00 - 13:00 | 11 | 78 | 0.005 | 11 | 78 | 0.004 | 11 | 78 | 0.009 |
| 13:00 - 14:00 | 11 | 78 | 0.002 | 11 | 78 | 0.004 | 11 | 78 | 0.006 |
| 14:00 - 15:00 | 11 | 78 | 0.002 | 11 | 78 | 0.001 | 11 | 78 | 0.003 |
| 15:00 - 16:00 | 11 | 78 | 0.006 | 11 | 78 | 0.000 | 11 | 78 | 0.006 |
| 16:00 - 17:00 | 11 | 78 | 0.020 | 11 | 78 | 0.000 | 11 | 78 | 0.020 |
| 17:00 - 18:00 | 11 | 78 | 0.022 | 11 | 78 | 0.000 | 11 | 78 | 0.022 |
| 18:00 - 19:00 | 11 | 78 | 0.013 | 11 | 78 | 0.002 | 11 | 78 | 0.015 |
| 19:00 - 20:00 | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | |
| Total Rates: | | | 0.079 | | | 0.074 | | | 0.153 |

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

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

| | ARRIVALS | | | I | DEPARTURES | | | TOTALS | | |
|---------------|----------|--------|-------|------|------------|-------|------|--------|-------|--|
| | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip | |
| Time Range | Days | DWELLS | Rate | Days | DWELLS | Rate | Days | DWELLS | Rate | |
| 00:00 - 01:00 | | | | | | | | | | |
| 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 | 11 | 78 | 0.001 | 11 | 78 | 0.068 | 11 | 78 | 0.069 | |
| 08:00 - 09:00 | 11 | 78 | 0.011 | 11 | 78 | 0.113 | 11 | 78 | 0.124 | |
| 09:00 - 10:00 | 11 | 78 | 0.002 | 11 | 78 | 0.035 | 11 | 78 | 0.037 | |
| 10:00 - 11:00 | 11 | 78 | 0.011 | 11 | 78 | 0.009 | 11 | 78 | 0.020 | |
| 11:00 - 12:00 | 11 | 78 | 0.009 | 11 | 78 | 0.008 | 11 | 78 | 0.017 | |
| 12:00 - 13:00 | 11 | 78 | 0.023 | 11 | 78 | 0.023 | 11 | 78 | 0.046 | |
| 13:00 - 14:00 | 11 | 78 | 0.015 | 11 | 78 | 0.028 | 11 | 78 | 0.043 | |
| 14:00 - 15:00 | 11 | 78 | 0.020 | 11 | 78 | 0.012 | 11 | 78 | 0.032 | |
| 15:00 - 16:00 | 11 | 78 | 0.067 | 11 | 78 | 0.015 | 11 | 78 | 0.082 | |
| 16:00 - 17:00 | 11 | 78 | 0.047 | 11 | 78 | 0.009 | 11 | 78 | 0.056 | |
| 17:00 - 18:00 | 11 | 78 | 0.074 | 11 | 78 | 0.009 | 11 | 78 | 0.083 | |
| 18:00 - 19:00 | 11 | 78 | 0.061 | 11 | 78 | 0.013 | 11 | 78 | 0.074 | |
| 19:00 - 20:00 | | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | | |
| Total Rates: | | | 0.341 | | | 0.342 | | | 0.683 | |

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

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

| | ARRIVALS | | | I | DEPARTURES | | | TOTALS | | |
|---------------|----------|--------|-------|------|------------|-------|------|--------|-------|--|
| | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip | |
| Time Range | Days | DWELLS | Rate | Days | DWELLS | Rate | Days | DWELLS | Rate | |
| 00:00 - 01:00 | | | | | | | | | | |
| 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 | 11 | 78 | 0.078 | 11 | 78 | 0.374 | 11 | 78 | 0.452 | |
| 08:00 - 09:00 | 11 | 78 | 0.101 | 11 | 78 | 0.499 | 11 | 78 | 0.600 | |
| 09:00 - 10:00 | 11 | 78 | 0.144 | 11 | 78 | 0.198 | 11 | 78 | 0.342 | |
| 10:00 - 11:00 | 11 | 78 | 0.159 | 11 | 78 | 0.180 | 11 | 78 | 0.339 | |
| 11:00 - 12:00 | 11 | 78 | 0.144 | 11 | 78 | 0.164 | 11 | 78 | 0.308 | |
| 12:00 - 13:00 | 11 | 78 | 0.227 | 11 | 78 | 0.227 | 11 | 78 | 0.454 | |
| 13:00 - 14:00 | 11 | 78 | 0.191 | 11 | 78 | 0.184 | 11 | 78 | 0.375 | |
| 14:00 - 15:00 | 11 | 78 | 0.151 | 11 | 78 | 0.158 | 11 | 78 | 0.309 | |
| 15:00 - 16:00 | 11 | 78 | 0.261 | 11 | 78 | 0.161 | 11 | 78 | 0.422 | |
| 16:00 - 17:00 | 11 | 78 | 0.305 | 11 | 78 | 0.152 | 11 | 78 | 0.457 | |
| 17:00 - 18:00 | 11 | 78 | 0.433 | 11 | 78 | 0.205 | 11 | 78 | 0.638 | |
| 18:00 - 19:00 | 11 | 78 | 0.457 | 11 | 78 | 0.221 | 11 | 78 | 0.678 | |
| 19:00 - 20:00 | | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | | |
| Total Rates: | | | 2.651 | | | 2.723 | | | 5.374 | |

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

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

| | ARRIVALS | | | | DEPARTURES | | TOTALS | | | |
|---------------|----------|--------|-------|------|------------|-------|--------|--------|-------|--|
| | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip | |
| Time Range | Days | DWELLS | Rate | Days | DWELLS | Rate | Days | DWELLS | Rate | |
| 00:00 - 01:00 | | | | | | | | | | |
| 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 | 11 | 78 | 0.026 | 11 | 78 | 0.127 | 11 | 78 | 0.153 | |
| 08:00 - 09:00 | 11 | 78 | 0.032 | 11 | 78 | 0.146 | 11 | 78 | 0.178 | |
| 09:00 - 10:00 | 11 | 78 | 0.039 | 11 | 78 | 0.048 | 11 | 78 | 0.087 | |
| 10:00 - 11:00 | 11 | 78 | 0.042 | 11 | 78 | 0.050 | 11 | 78 | 0.092 | |
| 11:00 - 12:00 | 11 | 78 | 0.036 | 11 | 78 | 0.049 | 11 | 78 | 0.085 | |
| 12:00 - 13:00 | 11 | 78 | 0.062 | 11 | 78 | 0.058 | 11 | 78 | 0.120 | |
| 13:00 - 14:00 | 11 | 78 | 0.047 | 11 | 78 | 0.049 | 11 | 78 | 0.096 | |
| 14:00 - 15:00 | 11 | 78 | 0.042 | 11 | 78 | 0.044 | 11 | 78 | 0.086 | |
| 15:00 - 16:00 | 11 | 78 | 0.055 | 11 | 78 | 0.039 | 11 | 78 | 0.094 | |
| 16:00 - 17:00 | 11 | 78 | 0.084 | 11 | 78 | 0.035 | 11 | 78 | 0.119 | |
| 17:00 - 18:00 | 11 | 78 | 0.135 | 11 | 78 | 0.070 | 11 | 78 | 0.205 | |
| 18:00 - 19:00 | 11 | 78 | 0.163 | 11 | 78 | 0.084 | 11 | 78 | 0.247 | |
| 19:00 - 20:00 | | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | | |
| Total Rates: | | | 0.763 | | | 0.799 | | | 1.562 | |

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

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

| | ARRIVALS | | | | DEPARTURES | | | TOTALS | | |
|---------------|----------|--------|-------|------|------------|-------|------|--------|-------|--|
| | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip | |
| Time Range | Days | DWELLS | Rate | Days | DWELLS | Rate | Days | DWELLS | Rate | |
| 00:00 - 01:00 | | | | | | | | | | |
| 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 | 11 | 78 | 0.006 | 11 | 78 | 0.013 | 11 | 78 | 0.019 | |
| 08:00 - 09:00 | 11 | 78 | 0.009 | 11 | 78 | 0.012 | 11 | 78 | 0.021 | |
| 09:00 - 10:00 | 11 | 78 | 0.012 | 11 | 78 | 0.009 | 11 | 78 | 0.021 | |
| 10:00 - 11:00 | 11 | 78 | 0.009 | 11 | 78 | 0.013 | 11 | 78 | 0.022 | |
| 11:00 - 12:00 | 11 | 78 | 0.016 | 11 | 78 | 0.016 | 11 | 78 | 0.032 | |
| 12:00 - 13:00 | 11 | 78 | 0.021 | 11 | 78 | 0.018 | 11 | 78 | 0.039 | |
| 13:00 - 14:00 | 11 | 78 | 0.011 | 11 | 78 | 0.014 | 11 | 78 | 0.025 | |
| 14:00 - 15:00 | 11 | 78 | 0.009 | 11 | 78 | 0.009 | 11 | 78 | 0.018 | |
| 15:00 - 16:00 | 11 | 78 | 0.015 | 11 | 78 | 0.013 | 11 | 78 | 0.028 | |
| 16:00 - 17:00 | 11 | 78 | 0.012 | 11 | 78 | 0.014 | 11 | 78 | 0.026 | |
| 17:00 - 18:00 | 11 | 78 | 0.013 | 11 | 78 | 0.004 | 11 | 78 | 0.017 | |
| 18:00 - 19:00 | 11 | 78 | 0.007 | 11 | 78 | 0.006 | 11 | 78 | 0.013 | |
| 19:00 - 20:00 | | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | | |
| Total Rates: | | | 0.140 | | | 0.141 | | | 0.281 | |

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

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

| | ARRIVALS | | | [| DEPARTURES | ; | TOTALS | | | |
|---------------|----------|--------|-------|------|------------|-------|--------|--------|-------|--|
| | No. | Ave. | Trip | No. | Ave. | Trip | No. | Ave. | Trip | |
| Time Range | Days | DWELLS | Rate | Days | DWELLS | Rate | Days | DWELLS | Rate | |
| 00:00 - 01:00 | | | | | | | | | | |
| 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 | 11 | 78 | 0.001 | 11 | 78 | 0.000 | 11 | 78 | 0.001 | |
| 08:00 - 09:00 | 11 | 78 | 0.000 | 11 | 78 | 0.000 | 11 | 78 | 0.000 | |
| 09:00 - 10:00 | 11 | 78 | 0.000 | 11 | 78 | 0.000 | 11 | 78 | 0.000 | |
| 10:00 - 11:00 | 11 | 78 | 0.000 | 11 | 78 | 0.000 | 11 | 78 | 0.000 | |
| 11:00 - 12:00 | 11 | 78 | 0.000 | 11 | 78 | 0.000 | 11 | 78 | 0.000 | |
| 12:00 - 13:00 | 11 | 78 | 0.001 | 11 | 78 | 0.001 | 11 | 78 | 0.002 | |
| 13:00 - 14:00 | 11 | 78 | 0.001 | 11 | 78 | 0.002 | 11 | 78 | 0.003 | |
| 14:00 - 15:00 | 11 | 78 | 0.000 | 11 | 78 | 0.000 | 11 | 78 | 0.000 | |
| 15:00 - 16:00 | 11 | 78 | 0.000 | 11 | 78 | 0.000 | 11 | 78 | 0.000 | |
| 16:00 - 17:00 | 11 | 78 | 0.000 | 11 | 78 | 0.000 | 11 | 78 | 0.000 | |
| 17:00 - 18:00 | 11 | 78 | 0.002 | 11 | 78 | 0.001 | 11 | 78 | 0.003 | |
| 18:00 - 19:00 | 11 | 78 | 0.001 | 11 | 78 | 0.001 | 11 | 78 | 0.002 | |
| 19:00 - 20:00 | | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | | |
| Total Rates: | | | 0.006 | | | 0.005 | | | 0.011 | |

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



