

Technical Note

Project No: ITB19404
Project Title: Unit 1 Strategic Park, Hedge End
Title: Trip Generation Assessment
Ref: SJ/GT/ITB19404-001B
Date: 20 October 2023

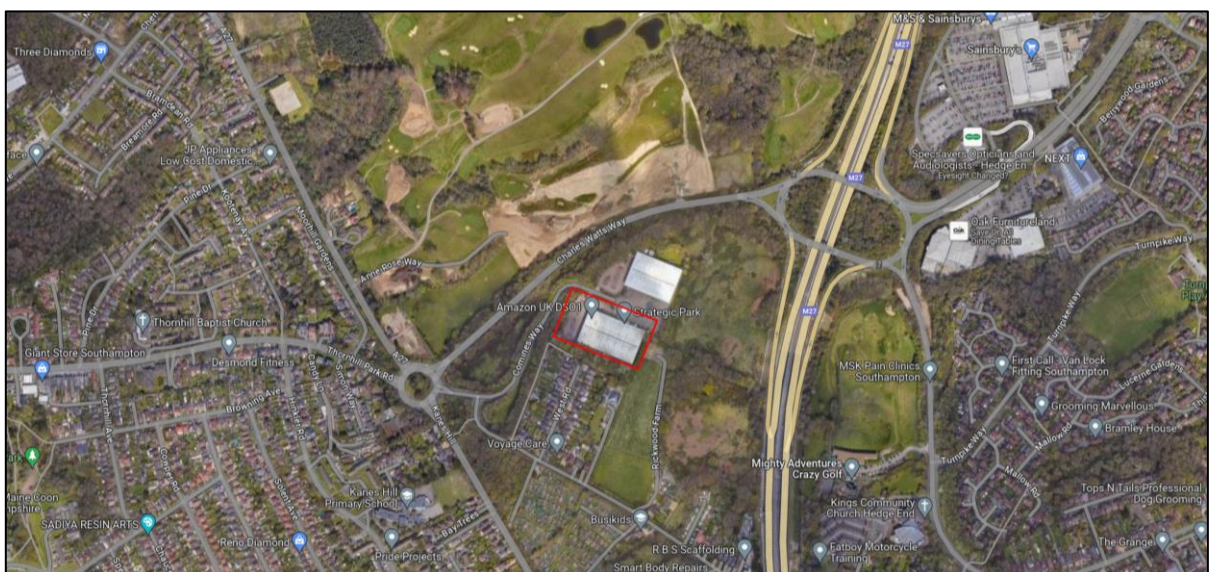
SECTION 1 Overview

1.1.1 i-Transport LLP have been appointed by F&C Commercial Property Holdings Limited to provide highways and transport advice in relation to the change of use of Unit 1 at Strategic Park, Hedge End. The application consists of:

“Proposed change of use of Unit One to a flexible and broader set of uses falling within Class E (g) (i) Offices, Class E (g) (ii) Research and Development, Class E (g) (iii) Light Industrial, Class B2 General Industrial, or B8 Storage and Distribution Use classes. Includes removal of two loading bay dock extensions and replacement with sectional shutter doors, widening of an existing sectional door, creation of external storage compound within existing yard areas (only required during certain times of the year by new occupier), other external works and alterations, new plant and landscaping.”

1.1.2 The site location is presented in **Image 1.1**.

Image 1.1: Site Location



Source: Google Maps

- 1.1.3 The purpose of this technical note is to summarise the traffic movements associated with the change of use application and this is presented in Section 2. It also provides some background on how the site has been used in the past.

Background and Intended Occupier

- 1.1.4 Unit 1 is one of two commercial buildings located within an existing industrial estate known as Strategic Park, originally built in the late 1990s. It was granted planning permission for the two premises to be used as commercial storage and distribution (use class B8) and light industrial uses (B1 use class, now falling within a broader Commercial, Business and Service Use Class E). Prior to this, the site was known as Commonfields, and had different industrial uses that had been established for over 10 years prior to this in an uncontrolled manner. The purpose built, fully landscaped storage, logistics and light industrial park was welcomed at the time.
- 1.1.5 The site is within a well-established employment area, and conveniently placed near to the strategic road network, with Junction 7 on the M27 a short distance to the east, with Charles Watts Way (A334) to the northwest.
- 1.1.6 Both premises became vacant in August last year. Unit 2 had been developed inside, to respond to a particular occupier's requirement, which included extensive mezzanine floors which was used as office accommodation to support the Research and Development and industrial functions of the business Media Kind. This included a warehouse and storage area and other light industrial processes to support the media business.
- 1.1.7 Unit 1 was used as a distribution facility by the logistics company Amazon. This use falls within a B8 use class that had a 24-hour operation which included deliveries by light goods vehicles and HGVs. The space also included the provision of ancillary office and welfare facilities for staff.
- 1.1.8 After a review of the site with the support of local agents, it became clear that employment accommodation was outdated inside and no longer fit for modern day business purposes.
- 1.1.9 The landowner decided to refurbish both premises to ensure they were attractive to a variety of new occupiers in the longer-term. Improvements have been made to the energy efficiency of the building through its EPC and BREEAM sustainability ratings, improved layout of the associated office and meeting rooms which overlook the warehouse, and the provision of other communal facilities. This includes making the existing outdoor amenity areas more attractive for staff, the installation of new showers to promote cycling to work and EV car charging provision. Prior Approval was also granted for the installation of solar panels on the roof on both premises and this is in the final stages of being installed.

1.1.10 Given Unit 2 had been reconfigured by the previous occupier, it was clear that some changes would be required to make it more reflective of current commercial needs and broaden its appeal to a variety of other new businesses. This resulted in a planning application coming forward to broaden its uses to include B2 General Industrial given it is clear that this industrial site could cater for this unmet need locally.

1.1.11 An application was submitted under planning reference F/22/93417 for:

"Change of use of B1(a) office space, B1(b) research and development and B8 storage space into class E(g) and B2/ B8 general industrial / storage or distribution space. Installation of new sectional shutter and pedestrian doors on the south elevation and photovoltaic panels on the roof. Associated external alterations to include relocation of external plant, erection of an acoustic fence, and landscaping. (amended description)"

1.1.12 This application was subsequently approved to include B2 general industrial use classes on the 6th February 2023.

1.1.13 Hampshire County Council (HCC) were consulted on the planning application and in HCC's response dated 4th August 2022 it was confirmed that:

"There is no objection to the proposals from a highways perspective."

1.1.14 There was a standard Construction Management Plan requirement and a noise management plan condition applicable for the B2 use only. The site could continue to be used as a 24-hour operation.

1.1.15 Unit 2 is in advanced discussions with a potential occupier that seeks to occupy the premises as a B8 Storage facility, associated with the marine industry.

1.1.16 Unit 1 is now seeking to apply for the same flexible set of uses as Unit 2, which includes B2 General Industrial use class. This is alongside other external works that the intended occupier has requested.

1.1.17 A Transport Statement was not required for the adjacent premises Unit 2 when the same change of use was applied for, only traffic data for a 24-hour period to see how this might differ when a B2 General Industrial User occupied the site. This was requested from the EHO to assess residential amenity impacts rather than highway matters. This same approach has been followed for this planning application.

1.1.18 The new application is to ensure the premises remains flexible and can respond to the long-term requirements for a variety of business. This time however, there is an occupier that is interested in locating their operations in Unit 1, so their specific requirements have been included in the submission too.

- 1.1.19 F50 League GB Ltd is seeking to relocate its manufacturing, research and development premises to Hedge End, Southampton. F50 League GB Ltd are innovators in building and maintaining the cutting-edge F50 catamarans used in Sail GP's global racing league – one of the world's fastest growing sport leagues. This will bring its operations closer to its head office in London. The other benefit of the South Coast location is its proximity to the Port of Southampton.
- 1.1.20 Previously operations were based overseas but a decision was made to develop a new facility in the UK given the majority of racing events are now being held in the northern hemisphere. There is lots of excitement around their relocation, as this builds on the innovative marine sector based in the Solent Region.
- 1.1.21 The premises are intending on using Unit 1 from April 2024 onwards following an internal fit-out process later this year. They hope to employ between 35-50 members of staff approximately. The car park and covered cycle parking provision has sufficient space to accommodate the number of staff envisaged and visitors to the premises.
- 1.1.22 The application includes a storage compound which will only be there during their shut-down period when some of the racing hydrofoiling F50 catamarans will come into the depot in various storage containers. The containers are generally stored for up to 4 months from July - October to carry out any servicing and maintenance to the fleet. The facility will not generate much traffic, generally it is envisaged only one HGV a day, with a low number of deliveries once up and running from smaller vehicles, and trips generated by staff based at the premises. There will be more traffic movements during the shutdown period when servicing is carried out and the premises will include areas to store equipment associated with events.
- 1.1.23 To help give some further background in the types of movements, the racing league has 11 catamarans in their racing fleet currently, which again helps demonstrate low traffic movements compared to the previous distribution use or other B2 General industrial uses described below. Generally, operations will be during the daytime periods, but there may be times when longer working hours are required due to a deadline of an event or similar, but this will be very infrequent.
- 1.1.24 The remainder of the statement is to summarise the traffic movements associated with the change of use application which is broader than the intended specific occupier.

SECTION 2 Vehicular Trip Generation

2.1 Existing Use Trip Generation (Daily)

- 2.1.1 The existing site consists of 6,333sqm B1(a) office (ancillary), B1(c) light industrial and B8 storage and distribution space. Given the changes in the Use Class Order, this can also be broadened out to other Class E (g) uses. To calculate the existing use trip generation, the TRICS database has been interrogated using the parameters set out in **Table 2.1** and the TRICS output reports are presented in **Appendix A**.

Table 2.1: Trip Rate Parameters

Parameters	E(g) Light Industrial	B8 Storage or Distribution
Regions	All of England (except Greater London)	
Range	1,500sqm to 15,000sqm	1,000sqm to 15,000sqm
Time Period	Last 8 years	
Location	Suburban Area, Edge of Town	
Date Relevance	Surveys undertaken during a weekday	

Source: TRICS

- 2.1.2 Based on the parameters set out in **Table 2.1**, the TRICS database only has trip rates which provide a consistent number of sites between 07:00-19:00 (i.e. 12-hours). A summary of the 12-hour trip rates is presented in **Table 2.2** and the full TRICS outputs are presented in **Appendix A**.

Table 2.2: 12-hour Trip Generation (Existing)

Land Use		12-hours (07:00-19:00)		
		In	Out	Two-Way
<u>Light Vehicles (Cars, LGV, Taxi, Motorcycle)</u>				
Trip Rates	E(g) Light Industrial	1.282	1.435	2.717
	B8 Storage or Distribution	1.332	1.567	2.899
Trip Generation	E(g) Light Industrial (6,333sqm)	110	92	202
	B8 Storage or Distribution (6,333sqm)	84	99	183
<u>HGV</u>				
Trip Rates	E(g) Light Industrial	0.285	0.264	0.549
	B8 Storage or Distribution	0.797	0.723	1.52
Trip Generation	E(g) Light Industrial (6,333sqm)	18	17	35
	B8 Storage or Distribution (6,333sqm)	50	46	96
<u>Total Vehicles</u>				
Trip Generation	E(g) Light Industrial	128	109	237
	B8 Storage or Distribution	134	145	279

Source: TRICS

2.1.3 The previous occupier of the site operated as a B8 storage and distribution land use across a 24-hour period. No existing traffic survey data is available along Comines Way to determine the previous occupier traffic generation across a 24-hour period. On this basis, and given the occupier could change in the future, the TRICS database has been interrogated to derive a 24-hour trip rate for a B8 Warehouse (consistent with the original permitted use). The 12-hour and 24-hour B8 warehouse trip rates are presented in **Table 2.3** and the full TRICS output report is at **Appendix B**.

Table 2.3: B8 Warehouse 12hr-24hr Trip Rates

	B8 Warehouse (6,333sqm)		
	In	Out	Two-Way
HGV			
12-Hour (07:00-19:00) Trip Rate	0.786	0.716	1.502
24-Hour (00:00-24:00) Trip Rate	1.813	1.828	3.641
12-Hour (07:00-19:00) Trip Generation	50	45	95
24-Hour (00:00-24:00) Trip Generation	115	116	231
Proportion of 12-hr to 24-hr Flows	43%	39%	-

Source: TRICS

Note: Proportions are based on HGV only as the TRICS database does not provide 24-hour data for light vehicles.

Note: Date range for the 24-hour B8 Warehouse trip rate has been extended to year 2002 to get a sufficient number of sites. 12-hr and 24-hr trip rates are derived from the same TRICS output report to derive the conversion factor, so is different to the B8 trip rate presented in **Table 2.3**.

2.1.4 **Table 2.3** shows 12-hour HGV trips associated with a B8 warehouse are circa 40% of the total 24-hour trip generation. On this basis, the 12-hour traffic flows presented in **Table 2.3** have been uplifted based on these proportions. It should be noted the TRICS database does not provide 24-hour flows for Light vehicles, so an associated 24-hour flow factor has not been derived and on this basis the HGV 24-hour factor has also been used for light vehicles.

2.1.5 **Table 2.4** provides a summary of the 24-hour traffic flows for the following development scenarios allowing for the flexible nature of the existing permitted use. The full calculations are presented in **Appendix C**, and it should be noted for the purpose of this exercise, it has been assumed B8 Warehouse forms 50% of Scenarios 3 to provide a robust assessment as the highest HGV trip generator:

- Scenario 1: 100% B8 Warehouse
- Scenario 2: 100% E(g) Light Industrial
- Scenario 3: 50% B8 Warehouse, 50% E(g) Light Industrial

Table 2.4: Permitted Development 24-Hour Vehicle Flows (Existing)

Scenario	Traffic Flows		
	In	Out	Two-Way
Light Vehicles			
Scenario 1: 100% B8 Warehouse	195	253	448
Scenario 2: 100% E(g) Light Industrial	187	232	419
Scenario 3: 50% B8 Warehouse, 50% E(g) Light Industrial	191	243	434
HGV			
Scenario 1: 100% B8 Warehouse	116	117	233
Scenario 2: 100% E(g) Light Industrial	42	43	85
Scenario 3: 50% B8 Warehouse, 50% E(g) Light Industrial	79	80	159
Total Vehicle Flows			
Scenario 1: 100% B8 Warehouse	311	370	681
Scenario 2: 100% E(g) Light Industrial	229	275	504
Scenario 3: 50% B8 Warehouse, 50% E(g) Light Industrial	270	323	593

Source: TRICS

- 2.1.6 **Table 2.4** shows the permitted use could generate between 504 light total movements per day (circa 21 per hour on average) and 681 total vehicle movement per day (around 28 per hour on average).

2.2 Proposed Use Trip Generation (Daily)

- 2.2.1 The proposed site consists of 6,333sqm Class E (g) (i, ii, iii), B2 general industrial and B8 storage or distribution space. To calculate the proposed use trip generation, the trip rates for Class E (g) (i, ii, iii) and B8 storage or distribution space (presented in **Table 2.2**) have been used and the TRICS database has been interrogated to obtain a B2 general industrial trip rate using the parameters set out in **Table 2.5**. The TRICS output reports are presented in **Appendix A**.

Table 2.5: Trip Rate Parameters

Parameters	B2 General Industrial
Regions	All of England (except Greater London)
Range	1,500sqm to 15,000sqm
Time Period	Last 8 years
Location	Suburban Area, Edge of Town
Date Relevance	Surveys undertaken during a weekday

Source: TRICS

2.2.2 Based on the parameters set out in **Table 2.5**, the TRICS database only has trip rates which provide a consistent number of sites between 07:00-19:00 (i.e. 12-hours). A summary of the 12-hour trip rates is presented in **Table 2.6**.

Table 2.6: 12-hour Trip Generation (Proposed)

Land Use		12-hours (07:00-19:00)		
		In	Out	Two-Way
<u>Light Vehicles (Cars, LGV, Taxi, Motorcycle)</u>				
Trip Rates	E(g) Light Industrial	1.282	1.435	2.717
	B2 General Industrial	4.330	4.397	8.727
	B8 Storage or Distribution	1.332	1.567	2.899
Trip Generation	E(g) Light Industrial (6,333sqm)	110	92	202
	B2 General Industrial (6,333sqm)	274	278	552
	B8 Storage or Distribution (6,333sqm)	84	99	184
<u>HGV</u>				
Trip Rates	E(g) Light Industrial	0.285	0.264	0.549
	B2 General Industrial	0.326	0.325	0.651
	B8 Storage or Distribution	0.797	0.723	1.52
Trip Generation	E(g) Light Industrial (6,333sqm)	18	17	35
	B2 General Industrial (6,333sqm)	21	21	42
	B8 Storage or Distribution (6,333sqm)	50	46	96
<u>Total Vehicles</u>				
Trip Generation	E(g) Light Industrial (6,333sqm)	128	109	237
	B2 General Industrial (6,333sqm)	295	299	594
	B8 Storage or Distribution (6,333sqm)	134	145	280

Source: TRICS

2.2.3 **Tables 2.6** provides a summary of the 12-hour traffic flows for the land uses which makes up the potential future site. As with the previous occupier, a future occupier could operate across a 24-hour period. On this basis, the proportions set out in **Table 2.3** have been applied to the 12-hour flows summarised in **Table 2.6** to calculate 24-hour flows for the following development scenarios allowing for the flexible nature of the potential site:

- Scenario 1: 100% B8 Warehouse
- Scenario 2: 100% B2 General Industrial
- Scenario 3: 100% E(g) Light Industrial
- Scenario 4: 50% B8 Warehouse, 50% B2 General Industrial
- Scenario 5: 50% B8 Warehouse, 50% E(g) Light Industrial

2.2.4 It should be noted for the purpose of this exercise, it has been assumed B8 Warehouse will form 50% of Scenarios 4 and 5 to provide a robust assessment as the highest HGV trip generator. The associated 24-hour traffic flows are presented in **Table 2.7** and the calculations are presented in **Appendix C**.

Table 2.7: Potential Development 24-Hour Vehicle Flows

Scenario	Traffic Flows		
	In	Out	Two-Way
<u>Light Vehicles</u>			
Scenario 1: 100% B8 Warehouse	195	253	448
Scenario 2: 100% B2 General Industrial	633	711	1343
Scenario 3: 100% E(g) Light Industrial	187	232	419
Scenario 4: 50% B8 Warehouse, 50% B2 General Industrial	414	482	896
Scenario 5: 50% B8 Warehouse, 50% E(g) Light Industrial	191	243	434
<u>HGV</u>			
Scenario 1: 100% B8 Warehouse	116	117	233
Scenario 2: 100% B2 General Industrial	48	53	101
Scenario 3: 100% E(g) Light Industrial	42	43	85
Scenario 4: 50% B8 Warehouse, 50% B2 General Industrial	82	85	167
Scenario 5: 50% B8 Warehouse, 50% E(g) Light Industrial	79	80	159
<u>Total Vehicle Flows</u>			
Scenario 1: 100% B8 Warehouse	311	370	681
Scenario 2: 100% B2 General Industrial	681	764	1444
Scenario 3: 100% E(g) Light Industrial	229	275	504
Scenario 4: 50% B8 Warehouse, 50% B2 General Industrial	496	567	1063
Scenario 5: 50% B8 Warehouse, 50% E(g) Light Industrial	270	323	593

Source: TRICS

2.2.5 **Table 2.7** shows the proposed use could generate between 504 light total movements per day (circa 21 per hour on average) and 1,444 total vehicle movement per day (around 60 per hour on average).

2.2.6 This section has demonstrated 100% B8 warehouse is the highest total trip generator at the permitted site whilst 100% B2 general industrial would be the highest potential trip generator. A net impact assessment has been undertaken between the two highest trip generators to quantify the difference between the permitted and potential uses. The 24-hour assessment is presented in **Table 2.8**.

Table 2.8: Net Impact Assessment (24-Hour Flows)

Scenario	Traffic Flows		
	In	Out	Two-Way
<u>Total Vehicles</u>			
Permitted - 100% B8 Warehouse	311	370	681
Potential - 100% B2 General Industrial	681	764	1444
Potential - 50% B2 General Industrial and 50% B8 Warehouse	496	567	1063

Scenario	Traffic Flows		
	In	Out	Two-Way
Net Difference – 100% B2 General Industrial	+370	+394	+763
Net Difference – 50% B2 General Industrial and 50% B8 Warehouse	+185	+197	+382

2.2.7 Table 2.8 shows with the change of use application at Unit 1 at Strategic Park Hedge End could generate an additional 763 total vehicle movements across a 24-hour period. Whilst this seems a large increase, this equates to around 31 additional vehicles per hour on average (an additional vehicle every two minutes compared to the permitted use highest trip generator). On this basis, the change of use application to include B2 general industrial uses would not have an unacceptable highways impact.

2.2.8 When the highways team at Hampshire County Council assessed the change of use application at Unit 2, they made the assumption that the premises would only accommodate 50% of the building as a B2 General Industrial use, with the remaining for storage purposes. When this same calculation is used to assess vehicle movements, the change of use could generate an additional 382 total vehicle movements across a 24-hour period. This equates to around 16 additional vehicles per hour (an additional vehicle every four minutes compared to the permitted use highest trip generator). Again, on this basis, the change of use proposed would not have an unacceptable highways impact.

2.2.9 It is also clear that the intended occupier will generate far less vehicle trips than the above scenarios or the former distribution use, given the estimated staff numbers and low number of deliveries required during most of the year. The low number of deliveries is also evident by their request to remove the extended loading dock bays the previous occupier installed. The shut-down period will be the busiest time of year, set aside from storage and innovation that will take place here much like the former New Zealand premises. The likely traffic movements proposed at the site are similar to a light industrial use and this was found to be the case for a similar international yacht racing facility for Ben Ainslie Racing (BAR) in Portsmouth, under planning reference 14/00489/FUL.

2.3 Peak Period Trip Generation

2.3.1 Across a 24-hour period the Unit 1 site could potentially generate 763 additional vehicle movements compared to the existing use which equates to one additional vehicle every two minute on average. To determine the highway network peak hours impact, a trip generation assessment has been prepared using the following typical peak hours:

- Morning peak hour = 08:00-09:00
- Evening peak hour = 17:00-18:00

2.3.2 A summary of the peak hour trip rates and trip generation for the proposed use is summarised in **Table 2.9** which still assumes the highest trip generator (B2 general industrial) will occupy the site.

Table 2.9: Proposed Use Peak Hour Trip Generation

B2 General Industrial	Morning Peak			Evening Peak		
	In	Out	Total	In	Out	Total
Light Vehicles Trip Rate	0.537	0.293	0.830	0.198	0.444	0.642
HGV Trip Rate	0.032	0.038	0.070	0.009	0.009	0.018
<i>Light Vehicles Trip Generation</i>	<i>34</i>	<i>19</i>	<i>53</i>	<i>13</i>	<i>28</i>	<i>41</i>
<i>HGV Trip Generation</i>	<i>2</i>	<i>2</i>	<i>4</i>	<i>1</i>	<i>1</i>	<i>2</i>
Total Trip Generation	36	21	57	14	29	43

Source: TRICS

2.3.3 The proposed development will generate a maximum of between 41 and 53 two-way vehicle movements in the peak hours which equates to less than one vehicle movement per minute.

2.3.4 To understand the net difference between the proposed and existing peak hour trip generation, **Table 2.10** summarises the existing B8 storage and distribution trip generation along with the net traffic impact.

Table 2.10: Proposed Peak Hour Net Impact Assessment

B8 Storage and Distribution	Morning Peak			Evening Peak		
	In	Out	Total	In	Out	Total
Light Vehicles Trip Rate	0.199	0.084	0.283	0.062	0.221	0.283
HGV Trip Rate	0.047	0.082	0.129	0.086	0.054	0.14
<i>Light Vehicles Trip Generation</i>	<i>13</i>	<i>5</i>	<i>18</i>	<i>4</i>	<i>14</i>	<i>18</i>
<i>HGV Trip Generation</i>	<i>3</i>	<i>5</i>	<i>8</i>	<i>5</i>	<i>3</i>	<i>8</i>
Total Permitted B8 Storage and Distribution Trip Generation	16	10	26	9	17	26
<i>Total Proposed B2 General Industrial Trip Generation</i>	<i>36</i>	<i>21</i>	<i>57</i>	<i>14</i>	<i>29</i>	<i>43</i>
Net Impact	+20	+11	+31	+5	+12	+17

Source: TRICS

2.3.5 If the site was occupied by 100% B2 general industrial land use, the site would generate an additional 17 to 31 two-way vehicle movements in the peak periods compares to the permitted B8 land use. This equates to one vehicle movement every two to four minutes.

2.3.6 It should be noted that the adjacent Unit 2 site was permitted for a change of use from B1a office, B1b research and development and B8 storage into class E(g) and B2 general industrial / B8 storage and distribution (application ref: F/22/93417). To determine the headroom in peak period movements created by the Unit 2 change of use application, a further net impact assessment has been prepared. The previously permitted land use of Unit 2 comprised:

- 3,741 sqm of B1a office
- 4,125.2 sqm of B1b research and development (R&D)
- 487.1 sqm of B8 storage and distribution

2.3.7 The TRICS database was interrogated to obtain appropriate trip rates for the B1a office and B1b R&D land uses. The trip rates were derived using the same parameters set out in **Table 2.5** for consistency and associated outputs are provided in **Appendix A**.

Table 2.11: Unit 2 Trip Generation (Previous Unit 2 Use)

	Unit 2	Morning Peak			Evening Peak		
		In	Out	Total	In	Out	Total
SQM	B1a Office Trip Rate (Lights)	1.001	0.092	1.093	0.09	0.86	0.95
	B1a Office Trip Rate (HGV)	0.005	0.003	0.008	0	0	0
	B1b R&D Trip Rate (Lights)	0.35	0.026	0.376	0.022	0.247	0.269
	B1b R&D Trip Rate (HGV)	0.035	0.018	0.053	0.002	0.002	0.004
	B8 Storage & Dist Trip Rate (Lights)	0.199	0.084	0.283	0.062	0.221	0.283
	B8 Storage & Dist Trip Rate (HGV)	0.047	0.082	0.129	0.086	0.054	0.14
3,741	B1a Office Trip Gen (Lights)	37	3	40	3	32	35
	B1a Office Trip Gen (HGV)	0	0	0	0	0	0
4,125.2	B1b R&D Trip Gen (Lights)	14	1	15	1	10	11
	B1b R&D Trip Gen (HGV)	1	1	2	0	0	0
487.1	B8 Storage & Dist Trip Gen (Lights)	1	0	1	0	1	1
	B8 Storage & Dist Trip Gen (HGV)	0	0	0	0	0	0
Light Vehicle Trip Generation		52	4	56	4	43	47
HGV Trip Generation		1	1	2	0	0	0
Total Trip Generation		53	5	58	4	43	47

Source: TRICS

2.3.8 The previous use of Unit 2 generated between 47 and 58 two-way vehicle movements. **Table 2.12** summarises the expected use of Unit 2 along with the net difference to the previous use. As the expected use is for B8 storage and distribution with ancillary offices, the Unit 1 trip rates have been used for consistency.

Table 2.12: Unit 2 Peak Hour Net Impact Assessment (Expected Use)

B8	Morning Peak			Evening Peak		
	In	Out	Total	In	Out	Total
Light Vehicles Trip Rate	0.199	0.084	0.283	0.062	0.221	0.283
HGV Trip Rate	0.047	0.082	0.129	0.086	0.054	0.14
Light Vehicles Trip Generation	11	5	16	3	12	15
HGV Trip Generation	3	4	7	5	3	8
Total Expected Use Trip Generation	14	9	23	8	15	23
<i>Total Previous Use Trip Generation (Table 2.13)</i>	53	5	58	4	43	47
Net Impact	-39	+4	-35	+4	-28	-24

Source: TRICS

2.3.9 **Table 2.12** shows the expected use of Unit 2 will generate between 24 and 35 less vehicle movements in the peak hours when compared to the previous Unit 2 use. This headroom in the network peak hour movements is greater than the net increase in vehicle movements generated by the highest potential trip generator of the Unit 1 site (B2 general industrial) as set out in **Table 2.10**. Overall, when both Unit 1 and Unit 2 premises are occupied, the combined peak trip generation will be between four and seven vehicles less during the peak hours when compared to the previous land uses at the industrial site.

2.3.10 It should be noted that the trip generation assessment for Unit 1 is robust as the highest trip generator has been used. In reality, it is unlikely that both premises would be occupied solely for a B2 general industrial use at any one time and even then, only 50% of the warehouse would be used for manufacturing, with the remaining typically used for storage purposes. It is clear that the changes sought are likely to lead to less traffic movements than the previous two occupiers at the site when reviewed together.

2.4 Unit 1 Parking Demand

2.4.1 As 100% B2 general industrial uses would be the highest trip generator, a parking accumulation assessment has been undertaken to ensure that sufficient car parking capacity is available to accommodate the demand. The change of use application is not proposing to amend the existing car parking provision which provides 117 spaces.

2.4.2 A summary of the B2 general industrial parking accumulation assessment is presented in **Table 2.13** and is based on Total Vehicle Movements.

Table 2.13: B2 General Industrial Car Parking Accumulation

Time	In	Out	Accumulation	% Occupied
05:00-06:00	18	1	18	15%
06:00-07:00	3	2	20	17%
07:00-08:00	29	8	41	35%
08:00-09:00	36	21	56	48%
09:00-10:00	31	25	62	53%
10:00-11:00	28	27	62	53%
11:00-12:00	28	30	61	52%
12:00-13:00	28	31	58	50%
13:00-14:00	28	29	57	49%
14:00-15:00	25	28	55	47%
15:00-16:00	22	28	48	41%
16:00-17:00	23	34	36	31%
17:00-18:00	13	29	21	18%
18:00-19:00	5	11	15	13%
19:00-20:00	1	4	12	11%
20:00-21:00	0	0	12	10%

Source: TRICS / Consultant's Calculations

- 2.4.3** It is evident from **Table 2.13** that the car parking provision will be able to accommodate the associated car parking demand at the site. This is also sufficient for the intended occupier.
- 2.4.4** The site also includes cycle parking provision and showers to help promote sustainable travel, helping to reduce single occupancy car trips.
- 2.4.5** The existing on site use demonstrates that there is adequate space for the parking and turning of HGV's within the existing / proposed yard area, and access to this area is easily achievable.
- 2.4.6** Access into the site from the highway remains unchanged, coming in via Comines Way. This has an existing use for standard vehicles and HGV's, and as such requires no amendments as part of the proposals, which was found to be acceptable in the same change of use application for Unit 2.

SECTION 3 Summary

- 3.1.1 i-Transport LLP have been appointed by F&C Commercial Property Holdings Limited to provide highways and transport advice in relation to the change of use of Unit 1 at Strategic Park, Hedge End.

The application consists of:

“Proposed change of use of Unit One to a flexible and broader set of uses falling within Class E (g) (i) Offices, Class E (g) (ii) Research and Development, Class E (g) (iii) Light Industrial, Class B2 General Industrial, or B8 Storage and Distribution Use classes. Includes removal of two loading bay dock extensions and replacement with sectional shutter doors, widening of an existing sectional door, creation of external storage compound within existing yard areas (only required during certain times of the year by new occupier), other external works and alterations, new plant and landscaping.”

- 3.1.2 The TRICS database has been interrogated to derive suitable trip rates to represent the potential future development site. The 12-hour trip rates have been factored to a 24-hour traffic flow and it has been demonstrated the highest trip generator at the potential site could generate an additional vehicle movement every two minutes per hour on average compared to the current permitted highest trip generator.
- 3.1.3 During the peak hours, the additional vehicle movements generated by the potential B2 general industrial use can be accommodated within the headroom in vehicle movements created by the expected future occupier of the adjacent Unit 2. Overall, the development proposal would not generate an adverse impact on the local highway network during the network peak hours.
- 3.1.4 It has also been shown in this Technical Note that the parking provision for Unit 1 will be able to accommodate the highest trip generating land use at the site. On this basis, this Technical Note has demonstrated that the change of use application will not have an unacceptable highways impact.

APPENDIX A. TRICS OUTPUT REPORTS

Calculation Reference: AUDIT-236601-221117-1147

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	SOUTH EAST	
	HC HAMPSHIRE	1 days
03	SOUTH WEST	
	DV DEVON	1 days
05	EAST MIDLANDS	
	DY DERBY	1 days
06	WEST MIDLANDS	
	WK WARWICKSHIRE	1 days
	WM WEST MIDLANDS	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	WY WEST YORKSHIRE	1 days
08	NORTH WEST	
	AC CHESHIRE WEST & CHESTER	1 days
	EC CHESHIRE EAST	1 days
09	NORTH	
	CB CUMBRIA	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.

Parameter: Gross floor area
 Actual Range: 1976 to 13350 (units: sqm)
 Range Selected by User: 1500 to 15000 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/14 to 10/11/21

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

Selected survey days:

Monday	2 days
Tuesday	2 days
Wednesday	2 days
Thursday	3 days

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

Selected survey types:

Manual count	9 days
Directional ATC Count	0 days

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

Selected Locations:

Suburban Area (PPS6 Out of Centre)	4
Edge of Town	5

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

Selected Location Sub Categories:

Industrial Zone	8
Development Zone	1

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village,

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Licence No: 236601

Secondary Filtering selection:

Use Class:

Not Known 9 days

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

Filter by Site Operations Breakdown:

All Surveys Included

Population within 500m Range:

All Surveys Included

Population within 1 mile:

5,001 to 10,000	3 days
10,001 to 15,000	1 days
15,001 to 20,000	1 days
20,001 to 25,000	1 days
25,001 to 50,000	3 days

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

Population within 5 miles:

5,001 to 25,000	1 days
50,001 to 75,000	1 days
75,001 to 100,000	1 days
100,001 to 125,000	1 days
125,001 to 250,000	2 days
250,001 to 500,000	2 days
500,001 or More	1 days

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

Car ownership within 5 miles:

0.6 to 1.0	2 days
1.1 to 1.5	7 days

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

Travel Plan:

No 9 days

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

PTAL Rating:

No PTAL Present 9 days

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

LIST OF SITES relevant to selection parameters

1	AC-02-C-02	INDUSTRIAL MATERIALS	CHESHIRE WEST & CHESTER
	JUPITER DRIVE		
	CHESTER		
	CHESTER W. EMP. PARK		
	Edge of Town		
	Industrial Zone		
	Total Gross floor area:	8100 sqm	
	Survey date: WEDNESDAY	19/11/14	Survey Type: MANUAL
2	CB-02-C-01	DOMINO'S PIZZA	CUMBRIA
	COWPER ROAD		
	PENRITH		
	GILWILLY IND. ESTATE		
	Edge of Town		
	Industrial Zone		
	Total Gross floor area:	2950 sqm	
	Survey date: TUESDAY	10/06/14	Survey Type: MANUAL
3	DV-02-C-02	ENERGY RECOVERY FACILITY	DEVON
	GRACE ROAD SOUTH		
	EXETER		
	MARSH BARTON TRAD. EST.		
	Suburban Area (PPS6 Out of Centre)		
	Industrial Zone		
	Total Gross floor area:	3513 sqm	
	Survey date: THURSDAY	06/07/17	Survey Type: MANUAL
4	DY-02-C-01	ENGINEERED PRODUCTS	DERBY
	PONTEFRACT STREET		
	DERBY		
	Suburban Area (PPS6 Out of Centre)		
	Industrial Zone		
	Total Gross floor area:	2600 sqm	
	Survey date: THURSDAY	25/06/15	Survey Type: MANUAL
5	EC-02-C-01	OFFICE FURNITURE	CHESHIRE EAST
	BRUNEL ROAD		
	MACCLESFIELD		
	LYME GREEN BUS. PARK		
	Edge of Town		
	Development Zone		
	Total Gross floor area:	6658 sqm	
	Survey date: MONDAY	19/09/16	Survey Type: MANUAL
6	HC-02-C-01	ENGINEERING COMPANY	HAMPSHIRE
	JAYS CLOSE		
	BASINGSTOKE		
	Edge of Town		
	Industrial Zone		
	Total Gross floor area:	3000 sqm	
	Survey date: THURSDAY	16/06/16	Survey Type: MANUAL
7	WK-02-C-01	MACHINE ENGINEERING	WARWICKSHIRE
	CASTLE MOUND WAY		
	RUGBY		
	Edge of Town		
	Industrial Zone		
	Total Gross floor area:	9216 sqm	
	Survey date: WEDNESDAY	10/11/21	Survey Type: MANUAL
8	WM-02-C-04	FOUNDRY	WEST MIDLANDS
	STOURVALE ROAD		
	STOURBRIDGE		
	LYE		
	Suburban Area (PPS6 Out of Centre)		
	Industrial Zone		
	Total Gross floor area:	4324 sqm	
	Survey date: TUESDAY	21/11/17	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

9

WY-02-C-02
BROWN LANE WEST
LEEDS
HOLBECK
Suburban Area (PPS6 Out of Centre)
Industrial Zone
Total Gross floor area: 13350 sqm
Survey date: MONDAY 19/10/15

FLUID SYSTEMS

Survey Type: MANUAL

WEST YORKSHIRE

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

MANUALLY DESELECTED SITES

Site Ref	Reason for Deselection
EC-02-C-02	COVID
GS-02-C-02	COVID

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Licence No: 236601

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

TOTAL VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	2	5596	0.107	2	5596	0.000	2	5596	0.107
06:00 - 07:00	3	8181	0.269	3	8181	0.004	3	8181	0.273
07:00 - 08:00	9	5860	0.353	9	5860	0.049	9	5860	0.402
08:00 - 09:00	9	5860	0.349	9	5860	0.042	9	5860	0.391
09:00 - 10:00	9	5860	0.171	9	5860	0.116	9	5860	0.287
10:00 - 11:00	9	5860	0.116	9	5860	0.089	9	5860	0.205
11:00 - 12:00	9	5860	0.078	9	5860	0.097	9	5860	0.175
12:00 - 13:00	9	5860	0.146	9	5860	0.167	9	5860	0.313
13:00 - 14:00	9	5860	0.133	9	5860	0.163	9	5860	0.296
14:00 - 15:00	9	5860	0.082	9	5860	0.099	9	5860	0.181
15:00 - 16:00	9	5860	0.064	9	5860	0.173	9	5860	0.237
16:00 - 17:00	9	5860	0.038	9	5860	0.385	9	5860	0.423
17:00 - 18:00	9	5860	0.025	9	5860	0.210	9	5860	0.235
18:00 - 19:00	9	5860	0.019	9	5860	0.116	9	5860	0.135
19:00 - 20:00	2	5596	0.054	2	5596	0.054	2	5596	0.108
20:00 - 21:00	2	5596	0.027	2	5596	0.036	2	5596	0.063
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.031			1.800			3.831

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

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	1976 - 13350 (units: sqm)
Survey date range:	01/01/14 - 10/11/21
Number of weekdays (Monday-Friday):	9
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	2

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

i-Transport Grove House Basingstoke

Licence No: 236601

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

TAXIS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
06:00 - 07:00	3	8181	0.000	3	8181	0.000	3	8181	0.000
07:00 - 08:00	9	5860	0.000	9	5860	0.000	9	5860	0.000
08:00 - 09:00	9	5860	0.000	9	5860	0.000	9	5860	0.000
09:00 - 10:00	9	5860	0.002	9	5860	0.002	9	5860	0.004
10:00 - 11:00	9	5860	0.004	9	5860	0.004	9	5860	0.008
11:00 - 12:00	9	5860	0.004	9	5860	0.004	9	5860	0.008
12:00 - 13:00	9	5860	0.000	9	5860	0.000	9	5860	0.000
13:00 - 14:00	9	5860	0.000	9	5860	0.000	9	5860	0.000
14:00 - 15:00	9	5860	0.002	9	5860	0.002	9	5860	0.004
15:00 - 16:00	9	5860	0.000	9	5860	0.000	9	5860	0.000
16:00 - 17:00	9	5860	0.000	9	5860	0.000	9	5860	0.000
17:00 - 18:00	9	5860	0.000	9	5860	0.000	9	5860	0.000
18:00 - 19:00	9	5860	0.002	9	5860	0.002	9	5860	0.004
19:00 - 20:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
20:00 - 21:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.014			0.014			0.028

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

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

i-Transport Grove House Basingstoke

Licence No: 236601

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

OGVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
06:00 - 07:00	3	8181	0.008	3	8181	0.000	3	8181	0.008
07:00 - 08:00	9	5860	0.028	9	5860	0.021	9	5860	0.049
08:00 - 09:00	9	5860	0.038	9	5860	0.019	9	5860	0.057
09:00 - 10:00	9	5860	0.038	9	5860	0.038	9	5860	0.076
10:00 - 11:00	9	5860	0.028	9	5860	0.021	9	5860	0.049
11:00 - 12:00	9	5860	0.028	9	5860	0.034	9	5860	0.062
12:00 - 13:00	9	5860	0.040	9	5860	0.049	9	5860	0.089
13:00 - 14:00	9	5860	0.040	9	5860	0.027	9	5860	0.067
14:00 - 15:00	9	5860	0.015	9	5860	0.013	9	5860	0.028
15:00 - 16:00	9	5860	0.019	9	5860	0.019	9	5860	0.038
16:00 - 17:00	9	5860	0.009	9	5860	0.019	9	5860	0.028
17:00 - 18:00	9	5860	0.002	9	5860	0.002	9	5860	0.004
18:00 - 19:00	9	5860	0.000	9	5860	0.002	9	5860	0.002
19:00 - 20:00	2	5596	0.000	2	5596	0.054	2	5596	0.054
20:00 - 21:00	2	5596	0.000	2	5596	0.027	2	5596	0.027
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.293			0.345			0.638

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

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

i-Transport Grove House Basingstoke

Licence No: 236601

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

PSVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
06:00 - 07:00	3	8181	0.000	3	8181	0.000	3	8181	0.000
07:00 - 08:00	9	5860	0.000	9	5860	0.000	9	5860	0.000
08:00 - 09:00	9	5860	0.000	9	5860	0.000	9	5860	0.000
09:00 - 10:00	9	5860	0.002	9	5860	0.002	9	5860	0.004
10:00 - 11:00	9	5860	0.002	9	5860	0.000	9	5860	0.002
11:00 - 12:00	9	5860	0.000	9	5860	0.002	9	5860	0.002
12:00 - 13:00	9	5860	0.002	9	5860	0.002	9	5860	0.004
13:00 - 14:00	9	5860	0.000	9	5860	0.000	9	5860	0.000
14:00 - 15:00	9	5860	0.000	9	5860	0.000	9	5860	0.000
15:00 - 16:00	9	5860	0.000	9	5860	0.000	9	5860	0.000
16:00 - 17:00	9	5860	0.000	9	5860	0.000	9	5860	0.000
17:00 - 18:00	9	5860	0.000	9	5860	0.000	9	5860	0.000
18:00 - 19:00	9	5860	0.000	9	5860	0.000	9	5860	0.000
19:00 - 20:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
20:00 - 21:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.006			0.006			0.012

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

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

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

CYCLISTS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
06:00 - 07:00	3	8181	0.016	3	8181	0.000	3	8181	0.016
07:00 - 08:00	9	5860	0.017	9	5860	0.000	9	5860	0.017
08:00 - 09:00	9	5860	0.006	9	5860	0.000	9	5860	0.006
09:00 - 10:00	9	5860	0.000	9	5860	0.000	9	5860	0.000
10:00 - 11:00	9	5860	0.000	9	5860	0.000	9	5860	0.000
11:00 - 12:00	9	5860	0.000	9	5860	0.000	9	5860	0.000
12:00 - 13:00	9	5860	0.000	9	5860	0.002	9	5860	0.002
13:00 - 14:00	9	5860	0.004	9	5860	0.004	9	5860	0.008
14:00 - 15:00	9	5860	0.000	9	5860	0.006	9	5860	0.006
15:00 - 16:00	9	5860	0.000	9	5860	0.006	9	5860	0.006
16:00 - 17:00	9	5860	0.000	9	5860	0.015	9	5860	0.015
17:00 - 18:00	9	5860	0.000	9	5860	0.013	9	5860	0.013
18:00 - 19:00	9	5860	0.000	9	5860	0.004	9	5860	0.004
19:00 - 20:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
20:00 - 21:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.043			0.050			0.093

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

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

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

CARS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	2	5596	0.098	2	5596	0.000	2	5596	0.098
06:00 - 07:00	3	8181	0.208	3	8181	0.004	3	8181	0.212
07:00 - 08:00	9	5860	0.292	9	5860	0.019	9	5860	0.311
08:00 - 09:00	9	5860	0.283	9	5860	0.011	9	5860	0.294
09:00 - 10:00	9	5860	0.097	9	5860	0.049	9	5860	0.146
10:00 - 11:00	9	5860	0.038	9	5860	0.025	9	5860	0.063
11:00 - 12:00	9	5860	0.025	9	5860	0.036	9	5860	0.061
12:00 - 13:00	9	5860	0.064	9	5860	0.085	9	5860	0.149
13:00 - 14:00	9	5860	0.076	9	5860	0.100	9	5860	0.176
14:00 - 15:00	9	5860	0.030	9	5860	0.051	9	5860	0.081
15:00 - 16:00	9	5860	0.019	9	5860	0.114	9	5860	0.133
16:00 - 17:00	9	5860	0.019	9	5860	0.324	9	5860	0.343
17:00 - 18:00	9	5860	0.019	9	5860	0.195	9	5860	0.214
18:00 - 19:00	9	5860	0.017	9	5860	0.112	9	5860	0.129
19:00 - 20:00	2	5596	0.054	2	5596	0.000	2	5596	0.054
20:00 - 21:00	2	5596	0.027	2	5596	0.000	2	5596	0.027
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.366			1.125			2.491

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

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

i-Transport Grove House Basingstoke

Licence No: 236601

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

LGVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
06:00 - 07:00	3	8181	0.049	3	8181	0.000	3	8181	0.049
07:00 - 08:00	9	5860	0.030	9	5860	0.009	9	5860	0.039
08:00 - 09:00	9	5860	0.025	9	5860	0.011	9	5860	0.036
09:00 - 10:00	9	5860	0.030	9	5860	0.023	9	5860	0.053
10:00 - 11:00	9	5860	0.044	9	5860	0.040	9	5860	0.084
11:00 - 12:00	9	5860	0.021	9	5860	0.021	9	5860	0.042
12:00 - 13:00	9	5860	0.038	9	5860	0.028	9	5860	0.066
13:00 - 14:00	9	5860	0.015	9	5860	0.034	9	5860	0.049
14:00 - 15:00	9	5860	0.034	9	5860	0.032	9	5860	0.066
15:00 - 16:00	9	5860	0.025	9	5860	0.034	9	5860	0.059
16:00 - 17:00	9	5860	0.009	9	5860	0.038	9	5860	0.047
17:00 - 18:00	9	5860	0.004	9	5860	0.008	9	5860	0.012
18:00 - 19:00	9	5860	0.000	9	5860	0.000	9	5860	0.000
19:00 - 20:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
20:00 - 21:00	2	5596	0.000	2	5596	0.009	2	5596	0.009
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.324			0.287			0.611

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

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

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

MOTOR CYCLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	2	5596	0.009	2	5596	0.000	2	5596	0.009
06:00 - 07:00	3	8181	0.004	3	8181	0.000	3	8181	0.004
07:00 - 08:00	9	5860	0.002	9	5860	0.000	9	5860	0.002
08:00 - 09:00	9	5860	0.004	9	5860	0.000	9	5860	0.004
09:00 - 10:00	9	5860	0.002	9	5860	0.002	9	5860	0.004
10:00 - 11:00	9	5860	0.000	9	5860	0.000	9	5860	0.000
11:00 - 12:00	9	5860	0.000	9	5860	0.000	9	5860	0.000
12:00 - 13:00	9	5860	0.002	9	5860	0.002	9	5860	0.004
13:00 - 14:00	9	5860	0.002	9	5860	0.002	9	5860	0.004
14:00 - 15:00	9	5860	0.000	9	5860	0.000	9	5860	0.000
15:00 - 16:00	9	5860	0.002	9	5860	0.006	9	5860	0.008
16:00 - 17:00	9	5860	0.000	9	5860	0.004	9	5860	0.004
17:00 - 18:00	9	5860	0.000	9	5860	0.006	9	5860	0.006
18:00 - 19:00	9	5860	0.000	9	5860	0.000	9	5860	0.000
19:00 - 20:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
20:00 - 21:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.027			0.022			0.049

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

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

Calculation Reference: AUDIT-236601-221117-1146

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
 Category : D - INDUSTRIAL ESTATE
 TOTAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	BH BRIGHTON & HOVE	1 days
	EX ESSEX	2 days
03	SOUTH WEST	
	DV DEVON	1 days
	SD SWINDON	1 days
04	EAST ANGLIA	
	PB PETERBOROUGH	1 days
05	EAST MIDLANDS	
	DY DERBY	1 days
	LN LINCOLNSHIRE	1 days
	NN NORTH NORTHAMPTONSHIRE	1 days
06	WEST MIDLANDS	
	WO WORCESTERSHIRE	2 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	SY SOUTH YORKSHIRE	1 days
	WY WEST YORKSHIRE	4 days
08	NORTH WEST	
	GM GREATER MANCHESTER	1 days
	LC LANCASHIRE	3 days
09	NORTH	
	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.

Parameter: Gross floor area
 Actual Range: 1776 to 12900 (units: sqm)
 Range Selected by User: 1500 to 15000 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/14 to 21/09/21

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

Selected survey days:

Monday	4 days
Tuesday	6 days
Wednesday	2 days
Thursday	4 days
Friday	5 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 undertaken using machines.

Selected Locations:

Suburban Area (PPS6 Out of Centre)	8
Edge of Town	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.

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

Secondary Filtering selection:

Use Class:

Not Known 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®.

Filter by Site Operations Breakdown:

All Surveys Included

Population within 500m Range:

All Surveys Included

Population within 1 mile:

1,001 to 5,000	1 days
5,001 to 10,000	2 days
10,001 to 15,000	3 days
15,001 to 20,000	4 days
20,001 to 25,000	2 days
25,001 to 50,000	8 days
50,001 to 100,000	1 days

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

Population within 5 miles:

75,001 to 100,000	1 days
100,001 to 125,000	1 days
125,001 to 250,000	15 days
250,001 to 500,000	4 days

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

Car ownership within 5 miles:

0.6 to 1.0	9 days
1.1 to 1.5	10 days
1.6 to 2.0	2 days

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

Travel Plan:

No 21 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.

i-Transport Grove House Basingstoke

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LIST OF SITES relevant to selection parameters

1	BH-02-D-03 HUGHES ROAD BRIGHTON	INDUSTRIAL ESTATE	BRIGHTON & HOVE
	Suburban Area (PPS6 Out of Centre) Industrial Zone Total Gross floor area: 6625 sqm Survey date: THURSDAY 16/10/14 Survey Type: MANUAL		
2	DV-02-D-07 BITTERN ROAD EXETER SOWTON IND. ESTATE Edge of Town Industrial Zone	INDUSTRIAL ESTATE	DEVON
	Total Gross floor area: 3600 sqm Survey date: MONDAY 03/07/17 Survey Type: MANUAL		
3	DY-02-D-01 SHAFTESBURY STREET DERBY ROSE HILL Suburban Area (PPS6 Out of Centre) No Sub Category	INDUSTRIAL ESTATE	DERBY
	Total Gross floor area: 5686 sqm Survey date: WEDNESDAY 25/09/19 Survey Type: MANUAL		
4	EX-02-D-03 WYNCOLLS ROAD COLCHESTER SEVERALLS INDUSTRIAL PK Edge of Town Industrial Zone	INDUSTRIAL ESTATE	ESSEX
	Total Gross floor area: 4876 sqm Survey date: FRIDAY 18/05/18 Survey Type: MANUAL		
5	EX-02-D-05 HECKWORTH CLOSE COLCHESTER SEVERALLS INDUSTRIAL PK Edge of Town Industrial Zone	INDUSTRIAL ESTATE	ESSEX
	Total Gross floor area: 7280 sqm Survey date: FRIDAY 18/05/18 Survey Type: MANUAL		
6	GM-02-D-07 VULCAN STREET OLDHAM	BUSINESS PARK	GREATER MANCHESTER
	Suburban Area (PPS6 Out of Centre) Residential Zone Total Gross floor area: 4400 sqm Survey date: THURSDAY 22/10/15 Survey Type: MANUAL		
7	LC-02-D-06 SMALLSHAW LANE BURNLEY	INDUSTRIAL ESTATE	LANCASHIRE
	Suburban Area (PPS6 Out of Centre) Industrial Zone Total Gross floor area: 7383 sqm Survey date: THURSDAY 29/09/16 Survey Type: MANUAL		
8	LC-02-D-07 CHAIN CAUL WAY PRESTON ASHTON-ON-RIBBLE Edge of Town Industrial Zone	INDUSTRIAL ESTATE	LANCASHIRE
	Total Gross floor area: 4700 sqm Survey date: FRIDAY 17/11/17 Survey Type: MANUAL		

i-Transport Grove House Basingstoke

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LIST OF SITES relevant to selection parameters (Cont.)

9	LC-02-D-08 NOOK LANE BAMBER BRIDGE	INDUSTRIAL ESTATE	LANCASHIRE
	Edge of Town Industrial Zone Total Gross floor area:	4000 sqm	
	Survey date: TUESDAY	06/11/18	Survey Type: MANUAL
10	LN-02-D-03 DEACON ROAD LINCOLN	INDUSTRIAL ESTATE	LINCOLNSHIRE
	Edge of Town Industrial Zone Total Gross floor area:	11265 sqm	
	Survey date: FRIDAY	28/06/19	Survey Type: MANUAL
11	NN-02-D-01 ROBINSON WAY KETTERING	INDUSTRIAL ESTATE	NORTH NORTHAMPTONSHIRE
	Edge of Town Industrial Zone Total Gross floor area:	12900 sqm	
	Survey date: THURSDAY	23/10/14	Survey Type: MANUAL
12	PB-02-D-03 LINCOLN ROAD PETERBOROUGH	INDUSTRIAL ESTATE	PETERBOROUGH
	Suburban Area (PPS6 Out of Centre) No Sub Category Total Gross floor area:	4133 sqm	
	Survey date: TUESDAY	02/12/14	Survey Type: MANUAL
13	SD-02-D-01 HEADLANDS GROVE SWINDON	INDUSTRIAL ESTATE	SWINDON
	Suburban Area (PPS6 Out of Centre) Residential Zone Total Gross floor area:	10000 sqm	
	Survey date: TUESDAY	20/09/16	Survey Type: MANUAL
14	SY-02-D-04 MIDDLE BANK DONCASTER	INDUSTRIAL ESTATE	SOUTH YORKSHIRE
	Suburban Area (PPS6 Out of Centre) Industrial Zone Total Gross floor area:	6737 sqm	
	Survey date: TUESDAY	21/09/21	Survey Type: MANUAL
15	TW-02-D-08 NORTH HYLTON ROAD SUNDERLAND SOUTHWICK	INDUSTRIAL ESTATE	TYNE & WEAR
	Suburban Area (PPS6 Out of Centre) Development Zone Total Gross floor area:	8310 sqm	
	Survey date: TUESDAY	04/04/17	Survey Type: MANUAL
16	WO-02-D-01 SANDY LANE STOURPORT-ON-SEVERN	INDUSTRIAL ESTATE	WORCESTERSHIRE
	Edge of Town Commercial Zone Total Gross floor area:	2758 sqm	
	Survey date: FRIDAY	23/05/14	Survey Type: MANUAL

i-Transport Grove House Basingstoke

Licence No: 236601

LIST OF SITES relevant to selection parameters (Cont.)

17	WO-02-D-02	INDUSTRIAL ESTATE	WORCESTERSHIRE
	WEIR LANE		
	WORCESTER		
	Edge of Town		
	Residential Zone		
	Total Gross floor area:	9500 sqm	
	Survey date: MONDAY	14/11/16	Survey Type: MANUAL
18	WY-02-D-05	INDUSTRIAL ESTATE	WEST YORKSHIRE
	CARR WOOD ROAD		
	CASTLEFORD		
	Edge of Town		
	Development Zone		
	Total Gross floor area:	1776 sqm	
	Survey date: MONDAY	22/05/17	Survey Type: MANUAL
19	WY-02-D-06	INDUSTRIAL ESTATE (PART)	WEST YORKSHIRE
	PIONEER WAY		
	CASTLEFORD		
	Edge of Town		
	Industrial Zone		
	Total Gross floor area:	4328 sqm	
	Survey date: TUESDAY	23/05/17	Survey Type: MANUAL
20	WY-02-D-07	INDUSTRIAL ESTATE	WEST YORKSHIRE
	THUNDERHEAD RIDGE RD		
	CASTLEFORD		
	GLASSHOUGHTON		
	Edge of Town		
	No Sub Category		
	Total Gross floor area:	3191 sqm	
	Survey date: MONDAY	15/05/17	Survey Type: MANUAL
21	WY-02-D-08	INDUSTRIAL ESTATE	WEST YORKSHIRE
	MILL LANE		
	HALIFAX		
	Edge of Town		
	No Sub Category		
	Total Gross floor area:	11305 sqm	
	Survey date: WEDNESDAY	17/10/18	Survey Type: MANUAL

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

MANUALLY DESELECTED SITES

Site Ref	Reason for Deselection
NM-02-D-01	COVID
SF-02-D-03	COVID

i-Transport Grove House Basingstoke

Licence No: 236601

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

TOTAL VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	2	5817	0.292	2	5817	0.009	2	5817	0.301
06:00 - 07:00	3	7633	0.052	3	7633	0.026	3	7633	0.078
07:00 - 08:00	21	6141	0.457	21	6141	0.123	21	6141	0.580
08:00 - 09:00	21	6141	0.567	21	6141	0.332	21	6141	0.899
09:00 - 10:00	21	6141	0.495	21	6141	0.399	21	6141	0.894
10:00 - 11:00	21	6141	0.436	21	6141	0.426	21	6141	0.862
11:00 - 12:00	21	6141	0.438	21	6141	0.466	21	6141	0.904
12:00 - 13:00	21	6141	0.446	21	6141	0.483	21	6141	0.929
13:00 - 14:00	21	6141	0.440	21	6141	0.452	21	6141	0.892
14:00 - 15:00	21	6141	0.401	21	6141	0.445	21	6141	0.846
15:00 - 16:00	21	6141	0.340	21	6141	0.447	21	6141	0.787
16:00 - 17:00	21	6141	0.359	21	6141	0.539	21	6141	0.898
17:00 - 18:00	21	6141	0.207	21	6141	0.453	21	6141	0.660
18:00 - 19:00	21	6141	0.074	21	6141	0.166	21	6141	0.240
19:00 - 20:00	3	7633	0.013	3	7633	0.057	3	7633	0.070
20:00 - 21:00	3	7633	0.000	3	7633	0.004	3	7633	0.004
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			5.017			4.827			9.844

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

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	1776 - 12900 (units: sqm)
Survey date range:	01/01/14 - 21/09/21
Number of weekdays (Monday-Friday):	21
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	2

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

i-Transport Grove House Basingstoke

Licence No: 236601

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

TAXIS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	2	5817	0.009	2	5817	0.009	2	5817	0.018
06:00 - 07:00	3	7633	0.000	3	7633	0.000	3	7633	0.000
07:00 - 08:00	21	6141	0.000	21	6141	0.000	21	6141	0.000
08:00 - 09:00	21	6141	0.003	21	6141	0.003	21	6141	0.006
09:00 - 10:00	21	6141	0.002	21	6141	0.002	21	6141	0.004
10:00 - 11:00	21	6141	0.002	21	6141	0.002	21	6141	0.004
11:00 - 12:00	21	6141	0.000	21	6141	0.000	21	6141	0.000
12:00 - 13:00	21	6141	0.000	21	6141	0.000	21	6141	0.000
13:00 - 14:00	21	6141	0.001	21	6141	0.001	21	6141	0.002
14:00 - 15:00	21	6141	0.001	21	6141	0.001	21	6141	0.002
15:00 - 16:00	21	6141	0.003	21	6141	0.002	21	6141	0.005
16:00 - 17:00	21	6141	0.002	21	6141	0.002	21	6141	0.004
17:00 - 18:00	21	6141	0.002	21	6141	0.002	21	6141	0.004
18:00 - 19:00	21	6141	0.001	21	6141	0.001	21	6141	0.002
19:00 - 20:00	3	7633	0.004	3	7633	0.004	3	7633	0.008
20:00 - 21:00	3	7633	0.000	3	7633	0.000	3	7633	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.030			0.029			0.059

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

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

i-Transport Grove House Basingstoke

Licence No: 236601

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

OGVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	2	5817	0.000	2	5817	0.000	2	5817	0.000
06:00 - 07:00	3	7633	0.000	3	7633	0.000	3	7633	0.000
07:00 - 08:00	21	6141	0.019	21	6141	0.010	21	6141	0.029
08:00 - 09:00	21	6141	0.032	21	6141	0.038	21	6141	0.070
09:00 - 10:00	21	6141	0.045	21	6141	0.046	21	6141	0.091
10:00 - 11:00	21	6141	0.033	21	6141	0.040	21	6141	0.073
11:00 - 12:00	21	6141	0.035	21	6141	0.038	21	6141	0.073
12:00 - 13:00	21	6141	0.041	21	6141	0.033	21	6141	0.074
13:00 - 14:00	21	6141	0.036	21	6141	0.025	21	6141	0.061
14:00 - 15:00	21	6141	0.032	21	6141	0.038	21	6141	0.070
15:00 - 16:00	21	6141	0.029	21	6141	0.028	21	6141	0.057
16:00 - 17:00	21	6141	0.013	21	6141	0.016	21	6141	0.029
17:00 - 18:00	21	6141	0.009	21	6141	0.009	21	6141	0.018
18:00 - 19:00	21	6141	0.002	21	6141	0.004	21	6141	0.006
19:00 - 20:00	3	7633	0.000	3	7633	0.000	3	7633	0.000
20:00 - 21:00	3	7633	0.000	3	7633	0.000	3	7633	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.326			0.325			0.651

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

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

i-Transport Grove House Basingstoke

Licence No: 236601

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

PSVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	2	5817	0.000	2	5817	0.000	2	5817	0.000
06:00 - 07:00	3	7633	0.000	3	7633	0.000	3	7633	0.000
07:00 - 08:00	21	6141	0.000	21	6141	0.005	21	6141	0.005
08:00 - 09:00	21	6141	0.001	21	6141	0.001	21	6141	0.002
09:00 - 10:00	21	6141	0.004	21	6141	0.002	21	6141	0.006
10:00 - 11:00	21	6141	0.002	21	6141	0.001	21	6141	0.003
11:00 - 12:00	21	6141	0.001	21	6141	0.001	21	6141	0.002
12:00 - 13:00	21	6141	0.000	21	6141	0.000	21	6141	0.000
13:00 - 14:00	21	6141	0.000	21	6141	0.000	21	6141	0.000
14:00 - 15:00	21	6141	0.001	21	6141	0.004	21	6141	0.005
15:00 - 16:00	21	6141	0.002	21	6141	0.001	21	6141	0.003
16:00 - 17:00	21	6141	0.002	21	6141	0.000	21	6141	0.002
17:00 - 18:00	21	6141	0.000	21	6141	0.000	21	6141	0.000
18:00 - 19:00	21	6141	0.002	21	6141	0.000	21	6141	0.002
19:00 - 20:00	3	7633	0.000	3	7633	0.000	3	7633	0.000
20:00 - 21:00	3	7633	0.000	3	7633	0.000	3	7633	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.015			0.015			0.030

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

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

i-Transport Grove House Basingstoke

Licence No: 236601

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

CYCLISTS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	2	5817	0.000	2	5817	0.000	2	5817	0.000
06:00 - 07:00	3	7633	0.000	3	7633	0.000	3	7633	0.000
07:00 - 08:00	21	6141	0.009	21	6141	0.001	21	6141	0.010
08:00 - 09:00	21	6141	0.005	21	6141	0.003	21	6141	0.008
09:00 - 10:00	21	6141	0.004	21	6141	0.001	21	6141	0.005
10:00 - 11:00	21	6141	0.001	21	6141	0.002	21	6141	0.003
11:00 - 12:00	21	6141	0.001	21	6141	0.002	21	6141	0.003
12:00 - 13:00	21	6141	0.001	21	6141	0.001	21	6141	0.002
13:00 - 14:00	21	6141	0.005	21	6141	0.003	21	6141	0.008
14:00 - 15:00	21	6141	0.001	21	6141	0.004	21	6141	0.005
15:00 - 16:00	21	6141	0.003	21	6141	0.003	21	6141	0.006
16:00 - 17:00	21	6141	0.005	21	6141	0.007	21	6141	0.012
17:00 - 18:00	21	6141	0.005	21	6141	0.012	21	6141	0.017
18:00 - 19:00	21	6141	0.000	21	6141	0.002	21	6141	0.002
19:00 - 20:00	3	7633	0.000	3	7633	0.000	3	7633	0.000
20:00 - 21:00	3	7633	0.000	3	7633	0.000	3	7633	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.040			0.041			0.081

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

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

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

CARS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	2	5817	0.284	2	5817	0.000	2	5817	0.284
06:00 - 07:00	3	7633	0.044	3	7633	0.017	3	7633	0.061
07:00 - 08:00	21	6141	0.290	21	6141	0.033	21	6141	0.323
08:00 - 09:00	21	6141	0.343	21	6141	0.099	21	6141	0.442
09:00 - 10:00	21	6141	0.281	21	6141	0.169	21	6141	0.450
10:00 - 11:00	21	6141	0.232	21	6141	0.212	21	6141	0.444
11:00 - 12:00	21	6141	0.234	21	6141	0.249	21	6141	0.483
12:00 - 13:00	21	6141	0.249	21	6141	0.295	21	6141	0.544
13:00 - 14:00	21	6141	0.252	21	6141	0.284	21	6141	0.536
14:00 - 15:00	21	6141	0.215	21	6141	0.264	21	6141	0.479
15:00 - 16:00	21	6141	0.181	21	6141	0.298	21	6141	0.479
16:00 - 17:00	21	6141	0.234	21	6141	0.376	21	6141	0.610
17:00 - 18:00	21	6141	0.161	21	6141	0.385	21	6141	0.546
18:00 - 19:00	21	6141	0.059	21	6141	0.133	21	6141	0.192
19:00 - 20:00	3	7633	0.009	3	7633	0.052	3	7633	0.061
20:00 - 21:00	3	7633	0.000	3	7633	0.004	3	7633	0.004
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			3.068			2.870			5.938

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

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

i-Transport Grove House Basingstoke

Licence No: 236601

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

LGVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	2	5817	0.000	2	5817	0.000	2	5817	0.000
06:00 - 07:00	3	7633	0.009	3	7633	0.009	3	7633	0.018
07:00 - 08:00	21	6141	0.149	21	6141	0.074	21	6141	0.223
08:00 - 09:00	21	6141	0.188	21	6141	0.191	21	6141	0.379
09:00 - 10:00	21	6141	0.161	21	6141	0.180	21	6141	0.341
10:00 - 11:00	21	6141	0.167	21	6141	0.171	21	6141	0.338
11:00 - 12:00	21	6141	0.167	21	6141	0.176	21	6141	0.343
12:00 - 13:00	21	6141	0.154	21	6141	0.155	21	6141	0.309
13:00 - 14:00	21	6141	0.150	21	6141	0.142	21	6141	0.292
14:00 - 15:00	21	6141	0.153	21	6141	0.139	21	6141	0.292
15:00 - 16:00	21	6141	0.125	21	6141	0.116	21	6141	0.241
16:00 - 17:00	21	6141	0.108	21	6141	0.144	21	6141	0.252
17:00 - 18:00	21	6141	0.035	21	6141	0.054	21	6141	0.089
18:00 - 19:00	21	6141	0.010	21	6141	0.026	21	6141	0.036
19:00 - 20:00	3	7633	0.000	3	7633	0.000	3	7633	0.000
20:00 - 21:00	3	7633	0.000	3	7633	0.000	3	7633	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.576			1.577			3.153

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.

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

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

MOTOR CYCLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	2	5817	0.000	2	5817	0.000	2	5817	0.000
06:00 - 07:00	3	7633	0.000	3	7633	0.000	3	7633	0.000
07:00 - 08:00	21	6141	0.002	21	6141	0.001	21	6141	0.003
08:00 - 09:00	21	6141	0.003	21	6141	0.000	21	6141	0.003
09:00 - 10:00	21	6141	0.002	21	6141	0.001	21	6141	0.003
10:00 - 11:00	21	6141	0.002	21	6141	0.001	21	6141	0.003
11:00 - 12:00	21	6141	0.001	21	6141	0.002	21	6141	0.003
12:00 - 13:00	21	6141	0.002	21	6141	0.001	21	6141	0.003
13:00 - 14:00	21	6141	0.002	21	6141	0.001	21	6141	0.003
14:00 - 15:00	21	6141	0.000	21	6141	0.000	21	6141	0.000
15:00 - 16:00	21	6141	0.001	21	6141	0.002	21	6141	0.003
16:00 - 17:00	21	6141	0.000	21	6141	0.002	21	6141	0.002
17:00 - 18:00	21	6141	0.000	21	6141	0.003	21	6141	0.003
18:00 - 19:00	21	6141	0.000	21	6141	0.002	21	6141	0.002
19:00 - 20:00	3	7633	0.000	3	7633	0.000	3	7633	0.000
20:00 - 21:00	3	7633	0.000	3	7633	0.000	3	7633	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.015			0.016			0.031

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

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

Calculation Reference: AUDIT-236601-221117-1156

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
 Category : F - WAREHOUSING (COMMERCIAL)
 TOTAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	EX ESSEX	1 days
	HC HAMPSHIRE	2 days
	MW MEDWAY	1 days
04	EAST ANGLIA	
	SF SUFFOLK	1 days
06	WEST MIDLANDS	
	WM WEST MIDLANDS	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	WY WEST YORKSHIRE	1 days

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

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: Gross floor area
 Actual Range: 3625 to 13200 (units: sqm)
 Range Selected by User: 1000 to 15000 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/14 to 27/09/21

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

Selected survey days:

Monday	2 days
Thursday	2 days
Friday	3 days

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

Selected survey types:

Manual count	7 days
Directional ATC Count	0 days

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

Selected Locations:

Suburban Area (PPS6 Out of Centre)	1
Edge of Town	6

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

Selected Location Sub Categories:

Industrial Zone	5
Commercial Zone	2

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

i-Transport Grove House Basingstoke

Licence No: 236601

Secondary Filtering selection:

Use Class:

n/a	1 days
B8	6 days

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

Filter by Site Operations Breakdown:

All Surveys Included

Population within 500m Range:

All Surveys Included

Population within 1 mile:

5,001 to 10,000	1 days
10,001 to 15,000	2 days
15,001 to 20,000	2 days
20,001 to 25,000	1 days
25,001 to 50,000	1 days

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

Population within 5 miles:

5,001 to 25,000	1 days
125,001 to 250,000	4 days
250,001 to 500,000	1 days
500,001 or More	1 days

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

Car ownership within 5 miles:

0.6 to 1.0	2 days
1.1 to 1.5	5 days

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

Travel Plan:

No	7 days
----	--------

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

PTAL Rating:

No PTAL Present	7 days
-----------------	--------

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

LIST OF SITES relevant to selection parameters

1	EX-02-F-01 BRUNEL WAY COLCHESTER SEVERALLS INDUSTRIAL PK Edge of Town Industrial Zone Total Gross floor area: 6560 sqm Survey date: FRIDAY 18/05/18	SPORTS SUPPLEMENTS ESSEX	Survey Type: MANUAL
2	HC-02-F-02 RUTHERFORD ROAD BASINGSTOKE Suburban Area (PPS6 Out of Centre) Commercial Zone Total Gross floor area: 13200 sqm Survey date: THURSDAY 16/06/16	LOGISTICS HAMPSHIRE	Survey Type: MANUAL
3	HC-02-F-03 WARSASH ROAD PARK GATE Edge of Town Industrial Zone Total Gross floor area: 3665 sqm Survey date: MONDAY 27/09/21	PPE DISTRIBUTION HAMPSHIRE	Survey Type: MANUAL
4	MW-02-F-02 MILLS ROAD AYLESFORD QUARRY WOOD Edge of Town Industrial Zone Total Gross floor area: 11200 sqm Survey date: FRIDAY 22/09/17	COMMERCIAL WAREHOUSING MEDWAY	Survey Type: MANUAL
5	SF-02-F-03 CENTRAL AVENUE IPSWICH WARREN HEATH Edge of Town Industrial Zone Total Gross floor area: 4700 sqm Survey date: FRIDAY 18/09/15	ROAD HAULAGE SUFFOLK	Survey Type: MANUAL
6	WM-02-F-02 SOVEREIGN ROAD BIRMINGHAM KINGS NORTON Edge of Town Commercial Zone Total Gross floor area: 3625 sqm Survey date: MONDAY 09/11/15	LOGISTICS FIRM WEST MIDLANDS	Survey Type: MANUAL
7	WY-02-F-02 STAITHGATE LANE BRADFORD NEWHALL Edge of Town Industrial Zone Total Gross floor area: 10446 sqm Survey date: THURSDAY 14/03/19	DISTRIBUTION COMPANY WEST YORKSHIRE	Survey Type: MANUAL

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

MANUALLY DESELECTED SITES

Site Ref	Reason for Deselection
BO-02-F-01	COVID

i-Transport Grove House Basingstoke

Licence No: 236601

TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

TOTAL VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	1	10446	0.354	1	10446	0.172	1	10446	0.526
06:00 - 07:00	1	10446	0.565	1	10446	0.249	1	10446	0.814
07:00 - 08:00	7	7628	0.290	7	7628	0.159	7	7628	0.449
08:00 - 09:00	7	7628	0.245	7	7628	0.167	7	7628	0.412
09:00 - 10:00	7	7628	0.217	7	7628	0.118	7	7628	0.335
10:00 - 11:00	7	7628	0.180	7	7628	0.159	7	7628	0.339
11:00 - 12:00	7	7628	0.163	7	7628	0.178	7	7628	0.341
12:00 - 13:00	7	7628	0.176	7	7628	0.142	7	7628	0.318
13:00 - 14:00	7	7628	0.187	7	7628	0.208	7	7628	0.395
14:00 - 15:00	7	7628	0.161	7	7628	0.210	7	7628	0.371
15:00 - 16:00	7	7628	0.150	7	7628	0.243	7	7628	0.393
16:00 - 17:00	7	7628	0.139	7	7628	0.251	7	7628	0.390
17:00 - 18:00	7	7628	0.148	7	7628	0.275	7	7628	0.423
18:00 - 19:00	7	7628	0.069	7	7628	0.180	7	7628	0.249
19:00 - 20:00	1	10446	0.096	1	10446	0.249	1	10446	0.345
20:00 - 21:00	1	10446	0.105	1	10446	0.086	1	10446	0.191
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			3.245			3.046			6.291

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

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	3625 - 13200 (units: sqm)
Survey date range:	01/01/14 - 27/09/21
Number of weekdays (Monday-Friday):	7
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	1

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

i-Transport Grove House Basingstoke

Licence No: 236601

TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

TAXIS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	1	10446	0.000	1	10446	0.000	1	10446	0.000
06:00 - 07:00	1	10446	0.010	1	10446	0.010	1	10446	0.020
07:00 - 08:00	7	7628	0.007	7	7628	0.007	7	7628	0.014
08:00 - 09:00	7	7628	0.000	7	7628	0.000	7	7628	0.000
09:00 - 10:00	7	7628	0.000	7	7628	0.000	7	7628	0.000
10:00 - 11:00	7	7628	0.000	7	7628	0.000	7	7628	0.000
11:00 - 12:00	7	7628	0.000	7	7628	0.000	7	7628	0.000
12:00 - 13:00	7	7628	0.000	7	7628	0.000	7	7628	0.000
13:00 - 14:00	7	7628	0.000	7	7628	0.000	7	7628	0.000
14:00 - 15:00	7	7628	0.000	7	7628	0.000	7	7628	0.000
15:00 - 16:00	7	7628	0.000	7	7628	0.000	7	7628	0.000
16:00 - 17:00	7	7628	0.004	7	7628	0.004	7	7628	0.008
17:00 - 18:00	7	7628	0.004	7	7628	0.004	7	7628	0.008
18:00 - 19:00	7	7628	0.000	7	7628	0.000	7	7628	0.000
19:00 - 20:00	1	10446	0.000	1	10446	0.000	1	10446	0.000
20:00 - 21:00	1	10446	0.000	1	10446	0.000	1	10446	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.025			0.025			0.050

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

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

i-Transport Grove House Basingstoke

Licence No: 236601

TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

OGVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	1	10446	0.077	1	10446	0.115	1	10446	0.192
06:00 - 07:00	1	10446	0.086	1	10446	0.163	1	10446	0.249
07:00 - 08:00	7	7628	0.054	7	7628	0.086	7	7628	0.140
08:00 - 09:00	7	7628	0.047	7	7628	0.082	7	7628	0.129
09:00 - 10:00	7	7628	0.064	7	7628	0.036	7	7628	0.100
10:00 - 11:00	7	7628	0.088	7	7628	0.062	7	7628	0.150
11:00 - 12:00	7	7628	0.077	7	7628	0.073	7	7628	0.150
12:00 - 13:00	7	7628	0.077	7	7628	0.041	7	7628	0.118
13:00 - 14:00	7	7628	0.051	7	7628	0.073	7	7628	0.124
14:00 - 15:00	7	7628	0.062	7	7628	0.060	7	7628	0.122
15:00 - 16:00	7	7628	0.069	7	7628	0.062	7	7628	0.131
16:00 - 17:00	7	7628	0.075	7	7628	0.062	7	7628	0.137
17:00 - 18:00	7	7628	0.086	7	7628	0.054	7	7628	0.140
18:00 - 19:00	7	7628	0.047	7	7628	0.032	7	7628	0.079
19:00 - 20:00	1	10446	0.019	1	10446	0.057	1	10446	0.076
20:00 - 21:00	1	10446	0.029	1	10446	0.048	1	10446	0.077
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.008			1.106			2.114

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

Licence No: 236601

TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

CYCLISTS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	1	10446	0.000	1	10446	0.000	1	10446	0.000
06:00 - 07:00	1	10446	0.000	1	10446	0.000	1	10446	0.000
07:00 - 08:00	7	7628	0.002	7	7628	0.000	7	7628	0.002
08:00 - 09:00	7	7628	0.013	7	7628	0.000	7	7628	0.013
09:00 - 10:00	7	7628	0.000	7	7628	0.002	7	7628	0.002
10:00 - 11:00	7	7628	0.002	7	7628	0.000	7	7628	0.002
11:00 - 12:00	7	7628	0.002	7	7628	0.000	7	7628	0.002
12:00 - 13:00	7	7628	0.002	7	7628	0.000	7	7628	0.002
13:00 - 14:00	7	7628	0.000	7	7628	0.000	7	7628	0.000
14:00 - 15:00	7	7628	0.000	7	7628	0.004	7	7628	0.004
15:00 - 16:00	7	7628	0.000	7	7628	0.007	7	7628	0.007
16:00 - 17:00	7	7628	0.000	7	7628	0.002	7	7628	0.002
17:00 - 18:00	7	7628	0.000	7	7628	0.009	7	7628	0.009
18:00 - 19:00	7	7628	0.000	7	7628	0.002	7	7628	0.002
19:00 - 20:00	1	10446	0.000	1	10446	0.000	1	10446	0.000
20:00 - 21:00	1	10446	0.000	1	10446	0.000	1	10446	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.021			0.026			0.047

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

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

i-Transport Grove House Basingstoke

Licence No: 236601

TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

CARS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	1	10446	0.268	1	10446	0.048	1	10446	0.316
06:00 - 07:00	1	10446	0.440	1	10446	0.057	1	10446	0.497
07:00 - 08:00	7	7628	0.184	7	7628	0.034	7	7628	0.218
08:00 - 09:00	7	7628	0.161	7	7628	0.037	7	7628	0.198
09:00 - 10:00	7	7628	0.094	7	7628	0.037	7	7628	0.131
10:00 - 11:00	7	7628	0.043	7	7628	0.049	7	7628	0.092
11:00 - 12:00	7	7628	0.043	7	7628	0.067	7	7628	0.110
12:00 - 13:00	7	7628	0.052	7	7628	0.062	7	7628	0.114
13:00 - 14:00	7	7628	0.099	7	7628	0.096	7	7628	0.195
14:00 - 15:00	7	7628	0.069	7	7628	0.118	7	7628	0.187
15:00 - 16:00	7	7628	0.051	7	7628	0.144	7	7628	0.195
16:00 - 17:00	7	7628	0.037	7	7628	0.157	7	7628	0.194
17:00 - 18:00	7	7628	0.037	7	7628	0.187	7	7628	0.224
18:00 - 19:00	7	7628	0.019	7	7628	0.137	7	7628	0.156
19:00 - 20:00	1	10446	0.067	1	10446	0.182	1	10446	0.249
20:00 - 21:00	1	10446	0.057	1	10446	0.029	1	10446	0.086
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.721			1.441			3.162

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

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

i-Transport Grove House Basingstoke

Licence No: 236601

TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

LGVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	1	10446	0.000	1	10446	0.010	1	10446	0.010
06:00 - 07:00	1	10446	0.029	1	10446	0.019	1	10446	0.048
07:00 - 08:00	7	7628	0.043	7	7628	0.032	7	7628	0.075
08:00 - 09:00	7	7628	0.036	7	7628	0.047	7	7628	0.083
09:00 - 10:00	7	7628	0.060	7	7628	0.045	7	7628	0.105
10:00 - 11:00	7	7628	0.045	7	7628	0.049	7	7628	0.094
11:00 - 12:00	7	7628	0.043	7	7628	0.037	7	7628	0.080
12:00 - 13:00	7	7628	0.041	7	7628	0.039	7	7628	0.080
13:00 - 14:00	7	7628	0.036	7	7628	0.039	7	7628	0.075
14:00 - 15:00	7	7628	0.030	7	7628	0.026	7	7628	0.056
15:00 - 16:00	7	7628	0.030	7	7628	0.034	7	7628	0.064
16:00 - 17:00	7	7628	0.021	7	7628	0.028	7	7628	0.049
17:00 - 18:00	7	7628	0.021	7	7628	0.026	7	7628	0.047
18:00 - 19:00	7	7628	0.004	7	7628	0.011	7	7628	0.015
19:00 - 20:00	1	10446	0.010	1	10446	0.010	1	10446	0.020
20:00 - 21:00	1	10446	0.019	1	10446	0.010	1	10446	0.029
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.468			0.462			0.930

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

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

TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

MOTOR CYCLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	1	10446	0.010	1	10446	0.000	1	10446	0.010
06:00 - 07:00	1	10446	0.000	1	10446	0.000	1	10446	0.000
07:00 - 08:00	7	7628	0.002	7	7628	0.000	7	7628	0.002
08:00 - 09:00	7	7628	0.002	7	7628	0.000	7	7628	0.002
09:00 - 10:00	7	7628	0.000	7	7628	0.000	7	7628	0.000
10:00 - 11:00	7	7628	0.004	7	7628	0.000	7	7628	0.004
11:00 - 12:00	7	7628	0.000	7	7628	0.000	7	7628	0.000
12:00 - 13:00	7	7628	0.006	7	7628	0.000	7	7628	0.006
13:00 - 14:00	7	7628	0.002	7	7628	0.000	7	7628	0.002
14:00 - 15:00	7	7628	0.000	7	7628	0.006	7	7628	0.006
15:00 - 16:00	7	7628	0.000	7	7628	0.004	7	7628	0.004
16:00 - 17:00	7	7628	0.002	7	7628	0.000	7	7628	0.002
17:00 - 18:00	7	7628	0.000	7	7628	0.004	7	7628	0.004
18:00 - 19:00	7	7628	0.000	7	7628	0.000	7	7628	0.000
19:00 - 20:00	1	10446	0.000	1	10446	0.000	1	10446	0.000
20:00 - 21:00	1	10446	0.000	1	10446	0.000	1	10446	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.028			0.014			0.042

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

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

Calculation Reference: AUDIT-236601-231020-1045

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
Category : A - OFFICE
TOTAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	PO PORTSMOUTH	1 days
	SO SLOUGH	3 days
	WS WEST SUSSEX	1 days
03	SOUTH WEST	
	WL WILTSHIRE	1 days
04	EAST ANGLIA	
	NF NORFOLK	1 days
	PB PETERBOROUGH	1 days
06	WEST MIDLANDS	
	WM WEST MIDLANDS	1 days
09	NORTH	
	DA DARLINGTON	1 days
	TW TYNE & WEAR	1 days

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

i-Transport The Square Basingstoke

Licence No: 236601

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: Gross floor area
 Actual Range: 1800 to 11700 (units: sqm)
 Range Selected by User: 1500 to 15000 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/15 to 24/05/23

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

Selected survey days:

Monday	3 days
Tuesday	2 days
Wednesday	4 days
Thursday	1 days
Friday	1 days

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

Selected survey types:

Manual count	11 days
Directional ATC Count	0 days

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

Selected Locations:

Suburban Area (PPS6 Out of Centre)	6
Edge of Town	5

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

Selected Location Sub Categories:

Industrial Zone	3
Commercial Zone	1
Development Zone	1
Residential Zone	3
No Sub Category	3

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

Inclusion of Servicing Vehicles Counts:

Servicing vehicles Included	4 days - Selected
Servicing vehicles Excluded	11 days - Selected

Secondary Filtering selection:**Use Class:**

Not Known	11 days
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This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order (England) 2020 has been used for this purpose, which can be found within the Library module of TRICS®.

Filter by Site Operations Breakdown:

All Surveys Included

Population within 500m Range:

All Surveys Included

Secondary Filtering selection (Cont.):

Population within 1 mile:

1,001 to 5,000	2 days
10,001 to 15,000	1 days
15,001 to 20,000	1 days
20,001 to 25,000	1 days
25,001 to 50,000	6 days

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

Population within 5 miles:

25,001 to 50,000	1 days
100,001 to 125,000	1 days
125,001 to 250,000	3 days
250,001 to 500,000	4 days
500,001 or More	2 days

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

Car ownership within 5 miles:

0.6 to 1.0	6 days
1.1 to 1.5	4 days
1.6 to 2.0	1 days

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

Travel Plan:

No	11 days
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This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

PTAL Rating:

No PTAL Present	11 days
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This data displays the number of selected surveys with PTAL Ratings.

i-Transport The Square Basingstoke

Licence No: 236601

LIST OF SITES relevant to selection parameters

1	DA-02-A-02 ALDERMAN BEST WAY DARLINGTON	ENGINEERING COMPANY 	DARLINGTON
	Edge of Town No Sub Category Total Gross floor area:	3530 sqm	
	Survey date: THURSDAY	18/10/18	Survey Type: MANUAL
2	NF-02-A-05 YARMOUTH ROAD NORWICH	COUNCIL OFFICES 	NORFOLK
	Edge of Town Residential Zone Total Gross floor area:	3697 sqm	
	Survey date: MONDAY	12/09/22	Survey Type: MANUAL
3	PB-02-A-04 LYNCH WOOD PETERBOROUGH	OFFICES 	PETERBOROUGH
	Edge of Town Commercial Zone Total Gross floor area:	4040 sqm	
	Survey date: WEDNESDAY	19/10/16	Survey Type: MANUAL
4	PO-02-A-02 NORTHERN ROAD PORTSMOUTH COSHAM	HMRC 	PORTSMOUTH
	Suburban Area (PPS6 Out of Centre) No Sub Category Total Gross floor area:	10100 sqm	
	Survey date: MONDAY	23/11/15	Survey Type: MANUAL
5	SO-02-A-04 LIVERPOOL ROAD SLOUGH	DATA CENTRE 	SLOUGH
	Suburban Area (PPS6 Out of Centre) Industrial Zone Total Gross floor area:	5677 sqm	
	Survey date: WEDNESDAY	24/05/23	Survey Type: MANUAL
6	SO-02-A-05 LIVERPOOL ROAD SLOUGH	DATA CENTRE 	SLOUGH
	Suburban Area (PPS6 Out of Centre) Industrial Zone Total Gross floor area:	11700 sqm	
	Survey date: WEDNESDAY	24/05/23	Survey Type: MANUAL
7	SO-02-A-06 AJAX AVENUE SLOUGH	DATA CENTRE 	SLOUGH
	Suburban Area (PPS6 Out of Centre) Industrial Zone Total Gross floor area:	11402 sqm	
	Survey date: MONDAY	22/05/23	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

8	TW-02-A-08 HOUSING ASSOCIATION OFFICE TYNE & WEAR BENTON PARK ROAD NEWCASTLE UPON TYNE Longbenton Suburban Area (PPS6 Out of Centre) Residential Zone Total Gross floor area: 4800 sqm Survey date: FRIDAY 19/10/18 Survey Type: MANUAL
9	WL-02-A-01 PET INSURANCE COMPANY WILTSHIRE THE CRESCENT AMESBURY SUNRISE WAY Edge of Town Development Zone Total Gross floor area: 2500 sqm Survey date: TUESDAY 18/09/18 Survey Type: MANUAL
10	WM-02-A-04 OFFICE WEST MIDLANDS BOURNVILLE LANE BIRMINGHAM Suburban Area (PPS6 Out of Centre) Residential Zone Total Gross floor area: 1800 sqm Survey date: TUESDAY 10/11/15 Survey Type: MANUAL
11	WS-02-A-06 SOUTHERN WATER OFFICES WEST SUSSEX YEOMAN ROAD WORTHING Edge of Town No Sub Category Total Gross floor area: 5700 sqm Survey date: WEDNESDAY 18/05/22 Survey Type: MANUAL

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

MANUALLY DESELECTED SITES

Site Ref	Reason for Deselection
EC-02-A-04	COVID
NM-02-A-01	COVID
SF-02-A-03	COVID
WO-02-A-03	COVID

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
01:00 - 02:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
02:00 - 03:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
03:00 - 04:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
04:00 - 05:00	3	9593	0.007	3	9593	0.000	3	9593	0.007
05:00 - 06:00	3	9593	0.024	3	9593	0.007	3	9593	0.031
06:00 - 07:00	4	9720	0.376	4	9720	0.077	4	9720	0.453
07:00 - 08:00	11	5904	0.627	11	5904	0.074	11	5904	0.701
08:00 - 09:00	11	5904	1.005	11	5904	0.094	11	5904	1.099
09:00 - 10:00	11	5904	0.574	11	5904	0.112	11	5904	0.686
10:00 - 11:00	11	5904	0.159	11	5904	0.095	11	5904	0.254
11:00 - 12:00	11	5904	0.128	11	5904	0.114	11	5904	0.242
12:00 - 13:00	11	5904	0.168	11	5904	0.288	11	5904	0.456
13:00 - 14:00	11	5904	0.234	11	5904	0.249	11	5904	0.483
14:00 - 15:00	11	5904	0.151	11	5904	0.277	11	5904	0.428
15:00 - 16:00	11	5904	0.092	11	5904	0.451	11	5904	0.543
16:00 - 17:00	11	5904	0.100	11	5904	0.619	11	5904	0.719
17:00 - 18:00	11	5904	0.089	11	5904	0.859	11	5904	0.948
18:00 - 19:00	11	5904	0.051	11	5904	0.283	11	5904	0.334
19:00 - 20:00	3	9593	0.014	3	9593	0.031	3	9593	0.045
20:00 - 21:00	3	9593	0.003	3	9593	0.021	3	9593	0.024
21:00 - 22:00	3	9593	0.003	3	9593	0.014	3	9593	0.017
22:00 - 23:00	3	9593	0.010	3	9593	0.017	3	9593	0.027
23:00 - 24:00	3	9593	0.007	3	9593	0.003	3	9593	0.010
Total Rates:			3.822			3.685			7.507

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

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	1800 - 11700 (units: sqm)
Survey date range:	01/01/15 - 24/05/23
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:	4

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

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
01:00 - 02:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
02:00 - 03:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
03:00 - 04:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
04:00 - 05:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
05:00 - 06:00	3	9593	0.003	3	9593	0.003	3	9593	0.006
06:00 - 07:00	4	9720	0.003	4	9720	0.003	4	9720	0.006
07:00 - 08:00	11	5904	0.003	11	5904	0.003	11	5904	0.006
08:00 - 09:00	11	5904	0.005	11	5904	0.005	11	5904	0.010
09:00 - 10:00	11	5904	0.006	11	5904	0.005	11	5904	0.011
10:00 - 11:00	11	5904	0.003	11	5904	0.006	11	5904	0.009
11:00 - 12:00	11	5904	0.002	11	5904	0.000	11	5904	0.002
12:00 - 13:00	11	5904	0.005	11	5904	0.003	11	5904	0.008
13:00 - 14:00	11	5904	0.002	11	5904	0.003	11	5904	0.005
14:00 - 15:00	11	5904	0.005	11	5904	0.005	11	5904	0.010
15:00 - 16:00	11	5904	0.003	11	5904	0.003	11	5904	0.006
16:00 - 17:00	11	5904	0.005	11	5904	0.005	11	5904	0.010
17:00 - 18:00	11	5904	0.006	11	5904	0.006	11	5904	0.012
18:00 - 19:00	11	5904	0.000	11	5904	0.000	11	5904	0.000
19:00 - 20:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
20:00 - 21:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
21:00 - 22:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
22:00 - 23:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
23:00 - 24:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
Total Rates:			0.051			0.050			0.101

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

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

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
01:00 - 02:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
02:00 - 03:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
03:00 - 04:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
04:00 - 05:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
05:00 - 06:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
06:00 - 07:00	4	9720	0.003	4	9720	0.003	4	9720	0.006
07:00 - 08:00	11	5904	0.002	11	5904	0.002	11	5904	0.004
08:00 - 09:00	11	5904	0.005	11	5904	0.003	11	5904	0.008
09:00 - 10:00	11	5904	0.005	11	5904	0.006	11	5904	0.011
10:00 - 11:00	11	5904	0.000	11	5904	0.000	11	5904	0.000
11:00 - 12:00	11	5904	0.000	11	5904	0.000	11	5904	0.000
12:00 - 13:00	11	5904	0.000	11	5904	0.000	11	5904	0.000
13:00 - 14:00	11	5904	0.006	11	5904	0.005	11	5904	0.011
14:00 - 15:00	11	5904	0.008	11	5904	0.005	11	5904	0.013
15:00 - 16:00	11	5904	0.000	11	5904	0.003	11	5904	0.003
16:00 - 17:00	11	5904	0.000	11	5904	0.000	11	5904	0.000
17:00 - 18:00	11	5904	0.000	11	5904	0.000	11	5904	0.000
18:00 - 19:00	11	5904	0.000	11	5904	0.000	11	5904	0.000
19:00 - 20:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
20:00 - 21:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
21:00 - 22:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
22:00 - 23:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
23:00 - 24:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
Total Rates:			0.029			0.027			0.056

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

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

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
01:00 - 02:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
02:00 - 03:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
03:00 - 04:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
04:00 - 05:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
05:00 - 06:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
06:00 - 07:00	4	9720	0.023	4	9720	0.000	4	9720	0.023
07:00 - 08:00	11	5904	0.015	11	5904	0.002	11	5904	0.017
08:00 - 09:00	11	5904	0.020	11	5904	0.000	11	5904	0.020
09:00 - 10:00	11	5904	0.006	11	5904	0.000	11	5904	0.006
10:00 - 11:00	11	5904	0.000	11	5904	0.002	11	5904	0.002
11:00 - 12:00	11	5904	0.002	11	5904	0.000	11	5904	0.002
12:00 - 13:00	11	5904	0.002	11	5904	0.000	11	5904	0.002
13:00 - 14:00	11	5904	0.006	11	5904	0.003	11	5904	0.009
14:00 - 15:00	11	5904	0.000	11	5904	0.005	11	5904	0.005
15:00 - 16:00	11	5904	0.000	11	5904	0.009	11	5904	0.009
16:00 - 17:00	11	5904	0.000	11	5904	0.017	11	5904	0.017
17:00 - 18:00	11	5904	0.002	11	5904	0.020	11	5904	0.022
18:00 - 19:00	11	5904	0.000	11	5904	0.003	11	5904	0.003
19:00 - 20:00	3	9593	0.000	3	9593	0.003	3	9593	0.003
20:00 - 21:00	3	9593	0.000	3	9593	0.003	3	9593	0.003
21:00 - 22:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
22:00 - 23:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
23:00 - 24:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
Total Rates:			0.076			0.067			0.143

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

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

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
01:00 - 02:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
02:00 - 03:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
03:00 - 04:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
04:00 - 05:00	3	9593	0.007	3	9593	0.000	3	9593	0.007
05:00 - 06:00	3	9593	0.021	3	9593	0.003	3	9593	0.024
06:00 - 07:00	4	9720	0.360	4	9720	0.064	4	9720	0.424
07:00 - 08:00	11	5904	0.590	11	5904	0.062	11	5904	0.652
08:00 - 09:00	11	5904	0.950	11	5904	0.062	11	5904	1.012
09:00 - 10:00	11	5904	0.528	11	5904	0.075	11	5904	0.603
10:00 - 11:00	11	5904	0.126	11	5904	0.063	11	5904	0.189
11:00 - 12:00	11	5904	0.105	11	5904	0.092	11	5904	0.197
12:00 - 13:00	11	5904	0.140	11	5904	0.263	11	5904	0.403
13:00 - 14:00	11	5904	0.197	11	5904	0.214	11	5904	0.411
14:00 - 15:00	11	5904	0.112	11	5904	0.237	11	5904	0.349
15:00 - 16:00	11	5904	0.072	11	5904	0.383	11	5904	0.455
16:00 - 17:00	11	5904	0.079	11	5904	0.585	11	5904	0.664
17:00 - 18:00	11	5904	0.074	11	5904	0.838	11	5904	0.912
18:00 - 19:00	11	5904	0.046	11	5904	0.279	11	5904	0.325
19:00 - 20:00	3	9593	0.010	3	9593	0.024	3	9593	0.034
20:00 - 21:00	3	9593	0.003	3	9593	0.021	3	9593	0.024
21:00 - 22:00	3	9593	0.003	3	9593	0.014	3	9593	0.017
22:00 - 23:00	3	9593	0.010	3	9593	0.017	3	9593	0.027
23:00 - 24:00	3	9593	0.007	3	9593	0.003	3	9593	0.010
Total Rates:			3.440			3.299			6.739

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

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

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
01:00 - 02:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
02:00 - 03:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
03:00 - 04:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
04:00 - 05:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
05:00 - 06:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
06:00 - 07:00	4	9720	0.008	4	9720	0.008	4	9720	0.016
07:00 - 08:00	11	5904	0.029	11	5904	0.008	11	5904	0.037
08:00 - 09:00	11	5904	0.038	11	5904	0.025	11	5904	0.063
09:00 - 10:00	11	5904	0.035	11	5904	0.026	11	5904	0.061
10:00 - 11:00	11	5904	0.026	11	5904	0.025	11	5904	0.051
11:00 - 12:00	11	5904	0.020	11	5904	0.020	11	5904	0.040
12:00 - 13:00	11	5904	0.022	11	5904	0.022	11	5904	0.044
13:00 - 14:00	11	5904	0.028	11	5904	0.028	11	5904	0.056
14:00 - 15:00	11	5904	0.025	11	5904	0.025	11	5904	0.050
15:00 - 16:00	11	5904	0.017	11	5904	0.055	11	5904	0.072
16:00 - 17:00	11	5904	0.017	11	5904	0.028	11	5904	0.045
17:00 - 18:00	11	5904	0.008	11	5904	0.011	11	5904	0.019
18:00 - 19:00	11	5904	0.005	11	5904	0.003	11	5904	0.008
19:00 - 20:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
20:00 - 21:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
21:00 - 22:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
22:00 - 23:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
23:00 - 24:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
Total Rates:			0.278			0.284			0.562

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

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

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
01:00 - 02:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
02:00 - 03:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
03:00 - 04:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
04:00 - 05:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
05:00 - 06:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
06:00 - 07:00	4	9720	0.003	4	9720	0.000	4	9720	0.003
07:00 - 08:00	11	5904	0.003	11	5904	0.000	11	5904	0.003
08:00 - 09:00	11	5904	0.008	11	5904	0.000	11	5904	0.008
09:00 - 10:00	11	5904	0.000	11	5904	0.000	11	5904	0.000
10:00 - 11:00	11	5904	0.003	11	5904	0.002	11	5904	0.005
11:00 - 12:00	11	5904	0.002	11	5904	0.002	11	5904	0.004
12:00 - 13:00	11	5904	0.002	11	5904	0.000	11	5904	0.002
13:00 - 14:00	11	5904	0.002	11	5904	0.000	11	5904	0.002
14:00 - 15:00	11	5904	0.002	11	5904	0.005	11	5904	0.007
15:00 - 16:00	11	5904	0.000	11	5904	0.006	11	5904	0.006
16:00 - 17:00	11	5904	0.000	11	5904	0.002	11	5904	0.002
17:00 - 18:00	11	5904	0.002	11	5904	0.005	11	5904	0.007
18:00 - 19:00	11	5904	0.000	11	5904	0.002	11	5904	0.002
19:00 - 20:00	3	9593	0.003	3	9593	0.007	3	9593	0.010
20:00 - 21:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
21:00 - 22:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
22:00 - 23:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
23:00 - 24:00	3	9593	0.000	3	9593	0.000	3	9593	0.000
Total Rates:			0.030			0.031			0.061

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

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

Calculation Reference: AUDIT-236601-231020-1047

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	SOUTH EAST	
	HC HAMPSHIRE	1 days
03	SOUTH WEST	
	DV DEVON	1 days
	SM SOMERSET	1 days
04	EAST ANGLIA	
	PB PETERBOROUGH	1 days
05	EAST MIDLANDS	
	DY DERBY	1 days
06	WEST MIDLANDS	
	WK WARWICKSHIRE	1 days
	WM WEST MIDLANDS	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	LS LEEDS	1 days
08	NORTH WEST	
	AC CHESHIRE WEST & CHESTER	1 days
	EC CHESHIRE EAST	1 days
09	NORTH	
	FU WESTMORLAND & FURNESS	1 days

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

i-Transport The Square Basingstoke

Licence No: 236601

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: Gross floor area
 Actual Range: 1772 to 13350 (units: sqm)
 Range Selected by User: 1500 to 15000 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/14 to 29/09/22

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

Selected survey days:

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

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

Selected survey types:

Manual count	11 days
Directional ATC Count	0 days

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

Selected Locations:

Suburban Area (PPS6 Out of Centre)	5
Edge of Town	6

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

Selected Location Sub Categories:

Industrial Zone	9
Development Zone	1
No Sub Category	1

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

Inclusion of Servicing Vehicles Counts:

Servicing vehicles Included	1 days - Selected
Servicing vehicles Excluded	12 days - Selected

Secondary Filtering selection:**Use Class:**

Not Known	11 days
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This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order (England) 2020 has been used for this purpose, which can be found within the Library module of TRICS®.

Filter by Site Operations Breakdown:

All Surveys Included

Population within 500m Range:

All Surveys Included

Secondary Filtering selection (Cont.):

Population within 1 mile:

5,001 to 10,000	3 days
10,001 to 15,000	2 days
15,001 to 20,000	1 days
20,001 to 25,000	1 days
25,001 to 50,000	4 days

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

Population within 5 miles:

5,001 to 25,000	1 days
50,001 to 75,000	2 days
75,001 to 100,000	1 days
100,001 to 125,000	1 days
125,001 to 250,000	3 days
250,001 to 500,000	2 days
500,001 or More	1 days

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

Car ownership within 5 miles:

0.6 to 1.0	3 days
1.1 to 1.5	8 days

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

Travel Plan:

No	11 days
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This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

PTAL Rating:

No PTAL Present	11 days
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This data displays the number of selected surveys with PTAL Ratings.

i-Transport The Square Basingstoke

Licence No: 236601

LIST OF SITES relevant to selection parameters

1	AC-02-C-02	INDUSTRIAL MATERIALS	CHESHIRE WEST & CHESTER
	JUPITER DRIVE		
	CHESTER		
	CHESTER W. EMP. PARK		
	Edge of Town		
	Industrial Zone		
	Total Gross floor area:	8100 sqm	
	Survey date: WEDNESDAY	19/11/14	Survey Type: MANUAL
2	DV-02-C-02	ENERGY RECOVERY FACILITY	DEVON
	GRACE ROAD SOUTH		
	EXETER		
	MARSH BARTON TRAD. EST.		
	Suburban Area (PPS6 Out of Centre)		
	Industrial Zone		
	Total Gross floor area:	3513 sqm	
	Survey date: THURSDAY	06/07/17	Survey Type: MANUAL
3	DY-02-C-01	ENGINEERED PRODUCTS	DERBY
	PONTEFRACT STREET		
	DERBY		
	Suburban Area (PPS6 Out of Centre)		
	Industrial Zone		
	Total Gross floor area:	2600 sqm	
	Survey date: THURSDAY	25/06/15	Survey Type: MANUAL
4	EC-02-C-01	OFFICE FURNITURE	CHESHIRE EAST
	BRUNEL ROAD		
	MACCLESFIELD		
	LYME GREEN BUS. PARK		
	Edge of Town		
	Development Zone		
	Total Gross floor area:	6658 sqm	
	Survey date: MONDAY	19/09/16	Survey Type: MANUAL
5	FU-02-C-01	DOMINO'S PIZZA	WESTMORLAND & FURNESS
	COWPER ROAD		
	PENRITH		
	GILWILLY IND. ESTATE		
	Edge of Town		
	Industrial Zone		
	Total Gross floor area:	2950 sqm	
	Survey date: TUESDAY	10/06/14	Survey Type: MANUAL
6	HC-02-C-01	ENGINEERING COMPANY	HAMPSHIRE
	JAYS CLOSE		
	BASINGSTOKE		
	Edge of Town		
	Industrial Zone		
	Total Gross floor area:	3000 sqm	
	Survey date: THURSDAY	16/06/16	Survey Type: MANUAL
7	LS-02-C-01	FLUID SYSTEMS	LEEDS
	BROWN LANE WEST		
	LEEDS		
	HOLBECK		
	Suburban Area (PPS6 Out of Centre)		
	Industrial Zone		
	Total Gross floor area:	13350 sqm	
	Survey date: MONDAY	19/10/15	Survey Type: MANUAL
8	PB-02-C-01	STEEL FABRICATOR	PETERBOROUGH
	NEWARK ROAD		
	PETERBOROUGH		
	FENGATE		
	Edge of Town		
	Industrial Zone		
	Total Gross floor area:	1772 sqm	
	Survey date: THURSDAY	29/09/22	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

9	SM-02-C-01	WET BLASTING EQUIPMENT	SOMERSET
	ROBINS DRIVE		
	BRIDGWATER		
	Suburban Area (PPS6 Out of Centre)		
	No Sub Category		
	Total Gross floor area:	2300 sqm	
	Survey date: WEDNESDAY	14/09/22	Survey Type: MANUAL
10	WK-02-C-01	MACHINE ENGINEERING	WARWICKSHIRE
	CASTLE MOUND WAY		
	RUGBY		
	Edge of Town		
	Industrial Zone		
	Total Gross floor area:	9216 sqm	
	Survey date: WEDNESDAY	10/11/21	Survey Type: MANUAL
11	WM-02-C-04	FOUNDRY	WEST MIDLANDS
	STOURVALE ROAD		
	STOURBRIDGE		
	LYE		
	Suburban Area (PPS6 Out of Centre)		
	Industrial Zone		
	Total Gross floor area:	4324 sqm	
	Survey date: TUESDAY	21/11/17	Survey Type: MANUAL

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

MANUALLY DESELECTED SITES

Site Ref	Reason for Deselection
EC-02-C-02	COVID
GS-02-C-02	COVID

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	2	5596	0.107	2	5596	0.000	2	5596	0.107
06:00 - 07:00	3	8181	0.269	3	8181	0.004	3	8181	0.273
07:00 - 08:00	11	5164	0.343	11	5164	0.046	11	5164	0.389
08:00 - 09:00	11	5164	0.386	11	5164	0.044	11	5164	0.430
09:00 - 10:00	11	5164	0.183	11	5164	0.120	11	5164	0.303
10:00 - 11:00	11	5164	0.127	11	5164	0.099	11	5164	0.226
11:00 - 12:00	11	5164	0.095	11	5164	0.114	11	5164	0.209
12:00 - 13:00	11	5164	0.143	11	5164	0.178	11	5164	0.321
13:00 - 14:00	11	5164	0.150	11	5164	0.174	11	5164	0.324
14:00 - 15:00	11	5164	0.081	11	5164	0.100	11	5164	0.181
15:00 - 16:00	11	5164	0.069	11	5164	0.173	11	5164	0.242
16:00 - 17:00	11	5164	0.039	11	5164	0.378	11	5164	0.417
17:00 - 18:00	11	5164	0.023	11	5164	0.248	11	5164	0.271
18:00 - 19:00	11	5164	0.018	11	5164	0.107	11	5164	0.125
19:00 - 20:00	2	5596	0.054	2	5596	0.054	2	5596	0.108
20:00 - 21:00	2	5596	0.027	2	5596	0.036	2	5596	0.063
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.114			1.875			3.989

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

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	1772 - 13350 (units: sqm)
Survey date range:	01/01/14 - 29/09/22
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:	2

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

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
06:00 - 07:00	3	8181	0.000	3	8181	0.000	3	8181	0.000
07:00 - 08:00	11	5164	0.000	11	5164	0.000	11	5164	0.000
08:00 - 09:00	11	5164	0.000	11	5164	0.000	11	5164	0.000
09:00 - 10:00	11	5164	0.002	11	5164	0.002	11	5164	0.004
10:00 - 11:00	11	5164	0.004	11	5164	0.004	11	5164	0.008
11:00 - 12:00	11	5164	0.004	11	5164	0.004	11	5164	0.008
12:00 - 13:00	11	5164	0.000	11	5164	0.000	11	5164	0.000
13:00 - 14:00	11	5164	0.000	11	5164	0.000	11	5164	0.000
14:00 - 15:00	11	5164	0.004	11	5164	0.004	11	5164	0.008
15:00 - 16:00	11	5164	0.000	11	5164	0.000	11	5164	0.000
16:00 - 17:00	11	5164	0.000	11	5164	0.000	11	5164	0.000
17:00 - 18:00	11	5164	0.000	11	5164	0.000	11	5164	0.000
18:00 - 19:00	11	5164	0.002	11	5164	0.002	11	5164	0.004
19:00 - 20:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
20:00 - 21:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.016			0.016			0.032

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

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

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
06:00 - 07:00	3	8181	0.008	3	8181	0.000	3	8181	0.008
07:00 - 08:00	11	5164	0.026	11	5164	0.019	11	5164	0.045
08:00 - 09:00	11	5164	0.035	11	5164	0.018	11	5164	0.053
09:00 - 10:00	11	5164	0.039	11	5164	0.037	11	5164	0.076
10:00 - 11:00	11	5164	0.028	11	5164	0.021	11	5164	0.049
11:00 - 12:00	11	5164	0.028	11	5164	0.033	11	5164	0.061
12:00 - 13:00	11	5164	0.039	11	5164	0.048	11	5164	0.087
13:00 - 14:00	11	5164	0.037	11	5164	0.025	11	5164	0.062
14:00 - 15:00	11	5164	0.014	11	5164	0.014	11	5164	0.028
15:00 - 16:00	11	5164	0.018	11	5164	0.018	11	5164	0.036
16:00 - 17:00	11	5164	0.009	11	5164	0.018	11	5164	0.027
17:00 - 18:00	11	5164	0.002	11	5164	0.002	11	5164	0.004
18:00 - 19:00	11	5164	0.000	11	5164	0.002	11	5164	0.002
19:00 - 20:00	2	5596	0.000	2	5596	0.054	2	5596	0.054
20:00 - 21:00	2	5596	0.000	2	5596	0.027	2	5596	0.027
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.283			0.336			0.619

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

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

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
06:00 - 07:00	3	8181	0.000	3	8181	0.000	3	8181	0.000
07:00 - 08:00	11	5164	0.000	11	5164	0.000	11	5164	0.000
08:00 - 09:00	11	5164	0.000	11	5164	0.000	11	5164	0.000
09:00 - 10:00	11	5164	0.002	11	5164	0.002	11	5164	0.004
10:00 - 11:00	11	5164	0.002	11	5164	0.000	11	5164	0.002
11:00 - 12:00	11	5164	0.000	11	5164	0.002	11	5164	0.002
12:00 - 13:00	11	5164	0.002	11	5164	0.002	11	5164	0.004
13:00 - 14:00	11	5164	0.000	11	5164	0.000	11	5164	0.000
14:00 - 15:00	11	5164	0.000	11	5164	0.000	11	5164	0.000
15:00 - 16:00	11	5164	0.000	11	5164	0.000	11	5164	0.000
16:00 - 17:00	11	5164	0.000	11	5164	0.000	11	5164	0.000
17:00 - 18:00	11	5164	0.000	11	5164	0.000	11	5164	0.000
18:00 - 19:00	11	5164	0.000	11	5164	0.000	11	5164	0.000
19:00 - 20:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
20:00 - 21:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.006			0.006			0.012

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

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

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
06:00 - 07:00	3	8181	0.016	3	8181	0.000	3	8181	0.016
07:00 - 08:00	11	5164	0.016	11	5164	0.000	11	5164	0.016
08:00 - 09:00	11	5164	0.011	11	5164	0.000	11	5164	0.011
09:00 - 10:00	11	5164	0.000	11	5164	0.000	11	5164	0.000
10:00 - 11:00	11	5164	0.000	11	5164	0.000	11	5164	0.000
11:00 - 12:00	11	5164	0.000	11	5164	0.000	11	5164	0.000
12:00 - 13:00	11	5164	0.000	11	5164	0.002	11	5164	0.002
13:00 - 14:00	11	5164	0.004	11	5164	0.004	11	5164	0.008
14:00 - 15:00	11	5164	0.000	11	5164	0.005	11	5164	0.005
15:00 - 16:00	11	5164	0.000	11	5164	0.005	11	5164	0.005
16:00 - 17:00	11	5164	0.000	11	5164	0.014	11	5164	0.014
17:00 - 18:00	11	5164	0.000	11	5164	0.018	11	5164	0.018
18:00 - 19:00	11	5164	0.000	11	5164	0.004	11	5164	0.004
19:00 - 20:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
20:00 - 21:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.047			0.052			0.099

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

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

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	2	5596	0.098	2	5596	0.000	2	5596	0.098
06:00 - 07:00	3	8181	0.208	3	8181	0.004	3	8181	0.212
07:00 - 08:00	11	5164	0.285	11	5164	0.018	11	5164	0.303
08:00 - 09:00	11	5164	0.313	11	5164	0.012	11	5164	0.325
09:00 - 10:00	11	5164	0.106	11	5164	0.049	11	5164	0.155
10:00 - 11:00	11	5164	0.042	11	5164	0.030	11	5164	0.072
11:00 - 12:00	11	5164	0.033	11	5164	0.044	11	5164	0.077
12:00 - 13:00	11	5164	0.065	11	5164	0.097	11	5164	0.162
13:00 - 14:00	11	5164	0.093	11	5164	0.111	11	5164	0.204
14:00 - 15:00	11	5164	0.030	11	5164	0.053	11	5164	0.083
15:00 - 16:00	11	5164	0.019	11	5164	0.111	11	5164	0.130
16:00 - 17:00	11	5164	0.019	11	5164	0.319	11	5164	0.338
17:00 - 18:00	11	5164	0.018	11	5164	0.231	11	5164	0.249
18:00 - 19:00	11	5164	0.016	11	5164	0.104	11	5164	0.120
19:00 - 20:00	2	5596	0.054	2	5596	0.000	2	5596	0.054
20:00 - 21:00	2	5596	0.027	2	5596	0.000	2	5596	0.027
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.426			1.183			2.609

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

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

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
06:00 - 07:00	3	8181	0.049	3	8181	0.000	3	8181	0.049
07:00 - 08:00	11	5164	0.030	11	5164	0.009	11	5164	0.039
08:00 - 09:00	11	5164	0.032	11	5164	0.014	11	5164	0.046
09:00 - 10:00	11	5164	0.033	11	5164	0.028	11	5164	0.061
10:00 - 11:00	11	5164	0.051	11	5164	0.044	11	5164	0.095
11:00 - 12:00	11	5164	0.030	11	5164	0.032	11	5164	0.062
12:00 - 13:00	11	5164	0.035	11	5164	0.030	11	5164	0.065
13:00 - 14:00	11	5164	0.018	11	5164	0.037	11	5164	0.055
14:00 - 15:00	11	5164	0.033	11	5164	0.030	11	5164	0.063
15:00 - 16:00	11	5164	0.030	11	5164	0.039	11	5164	0.069
16:00 - 17:00	11	5164	0.011	11	5164	0.039	11	5164	0.050
17:00 - 18:00	11	5164	0.004	11	5164	0.009	11	5164	0.013
18:00 - 19:00	11	5164	0.000	11	5164	0.000	11	5164	0.000
19:00 - 20:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
20:00 - 21:00	2	5596	0.000	2	5596	0.009	2	5596	0.009
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.356			0.320			0.676

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

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

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

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00	2	5596	0.009	2	5596	0.000	2	5596	0.009
06:00 - 07:00	3	8181	0.004	3	8181	0.000	3	8181	0.004
07:00 - 08:00	11	5164	0.002	11	5164	0.000	11	5164	0.002
08:00 - 09:00	11	5164	0.005	11	5164	0.000	11	5164	0.005
09:00 - 10:00	11	5164	0.002	11	5164	0.002	11	5164	0.004
10:00 - 11:00	11	5164	0.000	11	5164	0.000	11	5164	0.000
11:00 - 12:00	11	5164	0.000	11	5164	0.000	11	5164	0.000
12:00 - 13:00	11	5164	0.002	11	5164	0.002	11	5164	0.004
13:00 - 14:00	11	5164	0.002	11	5164	0.002	11	5164	0.004
14:00 - 15:00	11	5164	0.000	11	5164	0.000	11	5164	0.000
15:00 - 16:00	11	5164	0.002	11	5164	0.005	11	5164	0.007
16:00 - 17:00	11	5164	0.000	11	5164	0.004	11	5164	0.004
17:00 - 18:00	11	5164	0.000	11	5164	0.007	11	5164	0.007
18:00 - 19:00	11	5164	0.000	11	5164	0.000	11	5164	0.000
19:00 - 20:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
20:00 - 21:00	2	5596	0.000	2	5596	0.000	2	5596	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.028			0.022			0.050

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

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

APPENDIX B. 24-HOUR FLOW TRIP RATE

Calculation Reference: AUDIT-236601-221123-1130

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
 Category : F - WAREHOUSING (COMMERCIAL)
 TOTAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	CT CENTRAL BEDFORDSHIRE	1 days
	EX ESSEX	1 days
	HC HAMPSHIRE	1 days
	MW MEDWAY	2 days
	SC SURREY	1 days
	SP SOUTHAMPTON	1 days
03	SOUTH WEST	
	CW CORNWALL	1 days
04	EAST ANGLIA	
	SF SUFFOLK	2 days
06	WEST MIDLANDS	
	WM WEST MIDLANDS	1 days
	WO WORCESTERSHIRE	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	WY WEST YORKSHIRE	1 days

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

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: Gross floor area
 Actual Range: 3625 to 11200 (units: sqm)
 Range Selected by User: 2000 to 12000 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/02 to 27/09/21

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

Selected survey days:

Monday	2 days
Tuesday	3 days
Wednesday	1 days
Thursday	3 days
Friday	4 days

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

Selected survey types:

Manual count	13 days
Directional ATC Count	0 days

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

Selected Locations:

Edge of Town	13
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This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and Not Known.

Selected Location Sub Categories:

Industrial Zone	9
Commercial Zone	1
No Sub Category	3

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

Secondary Filtering selection:

Use Class:

n/a	2 days
B8	11 days

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

Filter by Site Operations Breakdown:

All Surveys Included

Population within 500m Range:

All Surveys Included

Population within 1 mile:

1,001 to 5,000	4 days
5,001 to 10,000	1 days
10,001 to 15,000	5 days
15,001 to 20,000	2 days
25,001 to 50,000	1 days

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

Population within 5 miles:

5,001 to 25,000	1 days
25,001 to 50,000	1 days
50,001 to 75,000	1 days
100,001 to 125,000	2 days
125,001 to 250,000	5 days
250,001 to 500,000	2 days
500,001 or More	1 days

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

Car ownership within 5 miles:

0.6 to 1.0	4 days
1.1 to 1.5	9 days

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

Travel Plan:

Not Known	4 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.

PTAL Rating:

No PTAL Present	13 days
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This data displays the number of selected surveys with PTAL Ratings.

LIST OF SITES relevant to selection parameters

1	CT-02-F-01 FRENCH'S AVENUE DUNSTABLE	WAREHOUSING	CENTRAL BEDFORDSHIRE
	Edge of Town Industrial Zone Total Gross floor area:	6050 sqm	
	Survey date: THURSDAY	07/03/02	Survey Type: MANUAL
2	CW-02-F-01 A390 NEAR TRURO THREEMILESTONE	WAREHOUSING	CORNWALL
	Edge of Town No Sub Category Total Gross floor area:	5150 sqm	
	Survey date: TUESDAY	18/09/07	Survey Type: MANUAL
3	EX-02-F-01 BRUNEL WAY COLCHESTER SEVERALLS INDUSTRIAL PK	SPORTS SUPPLEMENTS	ESSEX
	Edge of Town Industrial Zone Total Gross floor area:	6560 sqm	
	Survey date: FRIDAY	18/05/18	Survey Type: MANUAL
4	HC-02-F-03 WARSASH ROAD PARK GATE	PPE DISTRIBUTION	HAMPSHIRE
	Edge of Town Industrial Zone Total Gross floor area:	3665 sqm	
	Survey date: MONDAY	27/09/21	Survey Type: MANUAL
5	MW-02-F-01 HOLBOROUGH ROAD SNODLAND	FOOD DISTRIB.	MEDWAY
	Edge of Town No Sub Category Total Gross floor area:	7500 sqm	
	Survey date: THURSDAY	20/06/02	Survey Type: MANUAL
6	MW-02-F-02 MILLS ROAD AYLESFORD QUARRY WOOD	COMMERCIAL WAREHOUSING	MEDWAY
	Edge of Town Industrial Zone Total Gross floor area:	11200 sqm	
	Survey date: FRIDAY	22/09/17	Survey Type: MANUAL
7	SC-02-F-04 PRETORIA ROAD CHERTSEY	WAREHOUSING	SURREY
	Edge of Town No Sub Category Total Gross floor area:	4460 sqm	
	Survey date: TUESDAY	27/11/07	Survey Type: MANUAL
8	SF-02-F-01 BURRELL WAY THETFORD BARROW HILL	PHARMACY DISTRIB.	SUFFOLK
	Edge of Town Industrial Zone Total Gross floor area:	4550 sqm	
	Survey date: FRIDAY	27/09/02	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

9	SF-02-F-03	ROAD HAULAGE	SUFFOLK
	CENTRAL AVENUE		
	IPSWICH		
	WARREN HEATH		
	Edge of Town		
	Industrial Zone		
	Total Gross floor area:	4700 sqm	
	Survey date: FRIDAY	18/09/15	Survey Type: MANUAL
10	SP-02-F-01	WAREHOUSING	SOUTHAMPTON
	MAURETANIA ROAD		
	SOUTHAMPTON		
	NURSLING INDUSTRIAL ESTATE		
	Edge of Town		
	Industrial Zone		
	Total Gross floor area:	4000 sqm	
	Survey date: WEDNESDAY	21/11/07	Survey Type: MANUAL
11	WM-02-F-02	LOGISTICS FIRM	WEST MIDLANDS
	SOVEREIGN ROAD		
	BIRMINGHAM		
	KINGS NORTON		
	Edge of Town		
	Commercial Zone		
	Total Gross floor area:	3625 sqm	
	Survey date: MONDAY	09/11/15	Survey Type: MANUAL
12	WO-02-F-02	DISTRIB. CENTRE	WORCESTERSHIRE
	COTSWOLD WAY		
	WORCESTER		
	Edge of Town		
	Industrial Zone		
	Total Gross floor area:	3824 sqm	
	Survey date: TUESDAY	10/09/02	Survey Type: MANUAL
13	WY-02-F-02	DISTRIBUTION COMPANY	WEST YORKSHIRE
	STAITHGATE LANE		
	BRADFORD		
	NEWHALL		
	Edge of Town		
	Industrial Zone		
	Total Gross floor area:	10446 sqm	
	Survey date: THURSDAY	14/03/19	Survey Type: MANUAL

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

MANUALLY DESELECTED SITES

Site Ref	Reason for Deselection
BO-02-F-01	COVID

TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)
TOTAL VEHICLES
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00	1	7500	0.147	1	7500	0.147	1	7500	0.294
01:00 - 02:00	1	7500	0.053	1	7500	0.093	1	7500	0.146
02:00 - 03:00	1	7500	0.080	1	7500	0.093	1	7500	0.173
03:00 - 04:00	1	7500	0.093	1	7500	0.067	1	7500	0.160
04:00 - 05:00	1	7500	0.120	1	7500	0.107	1	7500	0.227
05:00 - 06:00	2	8973	0.267	2	8973	0.150	2	8973	0.417
06:00 - 07:00	2	8973	0.440	2	8973	0.234	2	8973	0.674
07:00 - 08:00	13	5825	0.263	13	5825	0.149	13	5825	0.412
08:00 - 09:00	13	5825	0.285	13	5825	0.174	13	5825	0.459
09:00 - 10:00	13	5825	0.221	13	5825	0.151	13	5825	0.372
10:00 - 11:00	13	5825	0.160	13	5825	0.154	13	5825	0.314
11:00 - 12:00	13	5825	0.152	13	5825	0.156	13	5825	0.308
12:00 - 13:00	13	5825	0.172	13	5825	0.151	13	5825	0.323
13:00 - 14:00	13	5825	0.213	13	5825	0.218	13	5825	0.431
14:00 - 15:00	13	5825	0.177	13	5825	0.198	13	5825	0.375
15:00 - 16:00	13	5825	0.151	13	5825	0.227	13	5825	0.378
16:00 - 17:00	13	5825	0.145	13	5825	0.244	13	5825	0.389
17:00 - 18:00	13	5825	0.137	13	5825	0.314	13	5825	0.451
18:00 - 19:00	13	5825	0.066	13	5825	0.181	13	5825	0.247
19:00 - 20:00	3	7999	0.063	3	7999	0.146	3	7999	0.209
20:00 - 21:00	2	8973	0.100	2	8973	0.078	2	8973	0.178
21:00 - 22:00	1	7500	0.053	1	7500	0.080	1	7500	0.133
22:00 - 23:00	1	7500	0.133	1	7500	0.093	1	7500	0.226
23:00 - 24:00	1	7500	0.080	1	7500	0.080	1	7500	0.160
Total Rates:			3.771			3.685			7.456

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

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just 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:	3625 - 11200 (units: sqm)
Survey date range:	01/01/02 - 27/09/21
Number of weekdays (Monday-Friday):	13
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	1

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

TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)
OGVS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00	1	7500	0.147	1	7500	0.147	1	7500	0.294
01:00 - 02:00	1	7500	0.053	1	7500	0.093	1	7500	0.146
02:00 - 03:00	1	7500	0.080	1	7500	0.093	1	7500	0.173
03:00 - 04:00	1	7500	0.093	1	7500	0.067	1	7500	0.160
04:00 - 05:00	1	7500	0.120	1	7500	0.107	1	7500	0.227
05:00 - 06:00	2	8973	0.072	2	8973	0.111	2	8973	0.183
06:00 - 07:00	2	8973	0.111	2	8973	0.139	2	8973	0.250
07:00 - 08:00	13	5825	0.049	13	5825	0.082	13	5825	0.131
08:00 - 09:00	13	5825	0.066	13	5825	0.088	13	5825	0.154
09:00 - 10:00	13	5825	0.065	13	5825	0.062	13	5825	0.127
10:00 - 11:00	13	5825	0.070	13	5825	0.067	13	5825	0.137
11:00 - 12:00	13	5825	0.061	13	5825	0.067	13	5825	0.128
12:00 - 13:00	13	5825	0.070	13	5825	0.044	13	5825	0.114
13:00 - 14:00	13	5825	0.075	13	5825	0.066	13	5825	0.141
14:00 - 15:00	13	5825	0.070	13	5825	0.048	13	5825	0.118
15:00 - 16:00	13	5825	0.078	13	5825	0.050	13	5825	0.128
16:00 - 17:00	13	5825	0.071	13	5825	0.055	13	5825	0.126
17:00 - 18:00	13	5825	0.073	13	5825	0.051	13	5825	0.124
18:00 - 19:00	13	5825	0.038	13	5825	0.036	13	5825	0.074
19:00 - 20:00	3	7999	0.029	3	7999	0.046	3	7999	0.075
20:00 - 21:00	2	8973	0.056	2	8973	0.056	2	8973	0.112
21:00 - 22:00	1	7500	0.053	1	7500	0.080	1	7500	0.133
22:00 - 23:00	1	7500	0.133	1	7500	0.093	1	7500	0.226
23:00 - 24:00	1	7500	0.080	1	7500	0.080	1	7500	0.160
Total Rates:			1.813			1.828			3.641

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

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

TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)
 PSVS
 Calculation factor: 100 sqm
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00	1	7500	0.000	1	7500	0.000	1	7500	0.000
01:00 - 02:00	1	7500	0.000	1	7500	0.000	1	7500	0.000
02:00 - 03:00	1	7500	0.000	1	7500	0.000	1	7500	0.000
03:00 - 04:00	1	7500	0.000	1	7500	0.000	1	7500	0.000
04:00 - 05:00	1	7500	0.000	1	7500	0.000	1	7500	0.000
05:00 - 06:00	2	8973	0.000	2	8973	0.000	2	8973	0.000
06:00 - 07:00	2	8973	0.000	2	8973	0.000	2	8973	0.000
07:00 - 08:00	13	5825	0.000	13	5825	0.000	13	5825	0.000
08:00 - 09:00	13	5825	0.000	13	5825	0.000	13	5825	0.000
09:00 - 10:00	13	5825	0.000	13	5825	0.000	13	5825	0.000
10:00 - 11:00	13	5825	0.000	13	5825	0.000	13	5825	0.000
11:00 - 12:00	13	5825	0.000	13	5825	0.000	13	5825	0.000
12:00 - 13:00	13	5825	0.000	13	5825	0.000	13	5825	0.000
13:00 - 14:00	13	5825	0.000	13	5825	0.000	13	5825	0.000
14:00 - 15:00	13	5825	0.000	13	5825	0.000	13	5825	0.000
15:00 - 16:00	13	5825	0.000	13	5825	0.000	13	5825	0.000
16:00 - 17:00	13	5825	0.000	13	5825	0.000	13	5825	0.000
17:00 - 18:00	13	5825	0.001	13	5825	0.001	13	5825	0.002
18:00 - 19:00	13	5825	0.004	13	5825	0.004	13	5825	0.008
19:00 - 20:00	3	7999	0.000	3	7999	0.000	3	7999	0.000
20:00 - 21:00	2	8973	0.000	2	8973	0.000	2	8973	0.000
21:00 - 22:00	1	7500	0.000	1	7500	0.000	1	7500	0.000
22:00 - 23:00	1	7500	0.000	1	7500	0.000	1	7500	0.000
23:00 - 24:00	1	7500	0.000	1	7500	0.000	1	7500	0.000
Total Rates:			0.005			0.005			0.010

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

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

TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)
CYCLISTS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00	1	7500	0.000	1	7500	0.000	1	7500	0.000
01:00 - 02:00	1	7500	0.000	1	7500	0.000	1	7500	0.000
02:00 - 03:00	1	7500	0.000	1	7500	0.000	1	7500	0.000
03:00 - 04:00	1	7500	0.000	1	7500	0.000	1	7500	0.000
04:00 - 05:00	1	7500	0.013	1	7500	0.000	1	7500	0.013
05:00 - 06:00	2	8973	0.000	2	8973	0.000	2	8973	0.000
06:00 - 07:00	2	8973	0.000	2	8973	0.006	2	8973	0.006
07:00 - 08:00	13	5825	0.004	13	5825	0.000	13	5825	0.004
08:00 - 09:00	13	5825	0.013	13	5825	0.000	13	5825	0.013
09:00 - 10:00	13	5825	0.001	13	5825	0.001	13	5825	0.002
10:00 - 11:00	13	5825	0.003	13	5825	0.000	13	5825	0.003
11:00 - 12:00	13	5825	0.001	13	5825	0.001	13	5825	0.002
12:00 - 13:00	13	5825	0.003	13	5825	0.000	13	5825	0.003
13:00 - 14:00	13	5825	0.001	13	5825	0.001	13	5825	0.002
14:00 - 15:00	13	5825	0.001	13	5825	0.005	13	5825	0.006
15:00 - 16:00	13	5825	0.000	13	5825	0.011	13	5825	0.011
16:00 - 17:00	13	5825	0.000	13	5825	0.001	13	5825	0.001
17:00 - 18:00	13	5825	0.000	13	5825	0.012	13	5825	0.012
18:00 - 19:00	13	5825	0.000	13	5825	0.003	13	5825	0.003
19:00 - 20:00	3	7999	0.000	3	7999	0.004	3	7999	0.004
20:00 - 21:00	2	8973	0.000	2	8973	0.000	2	8973	0.000
21:00 - 22:00	1	7500	0.000	1	7500	0.000	1	7500	0.000
22:00 - 23:00	1	7500	0.000	1	7500	0.000	1	7500	0.000
23:00 - 24:00	1	7500	0.000	1	7500	0.000	1	7500	0.000
Total Rates:			0.040			0.045			0.085

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

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

APPENDIX C. TRAFFIC FLOW CALCULATIONS

SE WAREHOUSE

TRIP RATE for Land Use 02 - EMPLOYMENT(P) - WAREHOUSING (COMMERCIAL)
Calculation Factor: 300 sqm
Count Type: GDVS

ARRIVALS				DEPARTURES				TOTALS	
Time Range	No.	Ave.	Trips	No.	Ave.	Trips	No.	Ave.	Trips
Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate	
00:00-01:00									
01:00-02:00									
02:00-03:00									
03:00-04:00									
04:00-05:00									
05:00-06:00	1	10446	0.077	1	10446	0.115	1	10446	0.193
06:00-07:00	1	10446	0.086	1	10446	0.143	1	10446	0.249
07:00-08:00	7	7628	0.054	7	7628	0.086	7	7628	0.14
08:00-09:00	7	7628	0.047	7	7628	0.062	7	7628	0.129
09:00-10:00	7	7628	0.064	7	7628	0.036	7	7628	0.1
10:00-11:00	7	7628	0.088	7	7628	0.062	7	7628	0.15
11:00-12:00	7	7628	0.077	7	7628	0.073	7	7628	0.15
12:00-13:00	7	7628	0.077	7	7628	0.041	7	7628	0.138
13:00-14:00	7	7628	0.051	7	7628	0.073	7	7628	0.134
14:00-15:00	7	7628	0.062	7	7628	0.06	7	7628	0.122
15:00-16:00	7	7628	0.089	7	7628	0.062	7	7628	0.193
16:00-17:00	7	7628	0.075	7	7628	0.062	7	7628	0.137
17:00-18:00	7	7628	0.086	7	7628	0.054	7	7628	0.14
18:00-19:00	7	7628	0.047	7	7628	0.032	7	7628	0.079
19:00-20:00	1	10446	0.039	1	10446	0.037	1	10446	0.076
20:00-21:00	1	10446	0.029	1	10446	0.048	1	10446	0.077
21:00-22:00									
22:00-23:00									
23:00-24:00									
Daily Trip Rates:		1.058			1.106				2.114

	SE Warehouse	Actual	Dep.	Two-Way
SQM	1.2hr 24m 30m	0.197	0.223	0.32
0.025	60.33	39	46	60

SE Warehouse Proportion of All to 24 Hr 43% 39%

	Actual	Dep.	Two-Way
Warehouse (allied) Land Use	1.05	1.07	2.14

TRIP RATE for Land Use 02 - EMPLOYMENT(P) - WAREHOUSING (COMMERCIAL)
Calculation Factor: 300 sqm
Count Type: Cars

ARRIVALS				DEPARTURES				TOTALS	
Time Range	No.	Ave.	Trips	No.	Ave.	Trips	No.	Ave.	Trips
Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate	
00:00-01:00									
01:00-02:00									
02:00-03:00									
03:00-04:00									
04:00-05:00									
05:00-06:00		0.268			0.048			0.316	0%
06:00-07:00		0.44			0.057			0.497	9%
07:00-08:00		0.184			0.034			0.218	90%
08:00-09:00		0.140			0.037			0.186	9%
09:00-10:00		0.094			0.037			0.131	6%
10:00-11:00		0.043			0.049			0.092	4%
11:00-12:00		0.043			0.067			0.11	5%
12:00-13:00		0.052			0.062			0.114	5%
13:00-14:00		0.088			0.056			0.145	9%
14:00-15:00		0.069			0.118			0.187	9%
15:00-16:00		0.051			0.144			0.195	9%
16:00-17:00		0.037			0.137			0.164	9%
17:00-18:00		0.037			0.187			0.224	11%
18:00-19:00		0.029			0.137			0.166	7%
19:00-20:00		0.067			0.182			0.249	4%
20:00-21:00		0.057			0.029			0.086	4%
21:00-22:00									
22:00-23:00									
23:00-24:00									
Daily Trip Rates:		1.721			1.441				3.162
7 to 7		0.889			1.125				2.014

	SE Warehouse	Actual	Dep.	Two-Way
SQM	1.2hr 24m 30m	1.329	1.505	2.834
0.025	60.33	84	95	189

Proportion of 1.2hr to 24 Hr 49% 39%

	Actual	Dep.	Two-Way
Warehouse (allied) Land Use	1.05	1.07	2.14

TRIP RATE for Land Use 02 - EMPLOYMENT(P) - WAREHOUSING (COMMERCIAL)
Calculation Factor: 300 sqm
Count Type: GDV

ARRIVALS				DEPARTURES				TOTALS	
Time Range	No.	Ave.	Trips	No.	Ave.	Trips	No.	Ave.	Trips
Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate	
00:00-01:00									
01:00-02:00									
02:00-03:00									
03:00-04:00									
04:00-05:00									
05:00-06:00	0			0.01				0.01	0%
06:00-07:00	0.029			0.029				0.048	2%
07:00-08:00	0.043			0.032				0.075	4%
08:00-09:00	0.036			0.047				0.083	4%
09:00-10:00	0.06			0.045				0.105	1%
10:00-11:00	0.045			0.049				0.094	4%
11:00-12:00	0.043			0.037				0.08	4%
12:00-13:00	0.041			0.039				0.08	4%
13:00-14:00	0.038			0.039				0.075	4%
14:00-15:00	0.03			0.036				0.066	3%
15:00-16:00	0.03			0.034				0.064	3%
16:00-17:00	0.021			0.028				0.049	2%
17:00-18:00	0.021			0.036				0.047	2%
18:00-19:00	0.004			0.011				0.015	1%
19:00-20:00	0.01			0.01				0.02	1%
20:00-21:00	0.029			0.01				0.029	1%
21:00-22:00									
22:00-23:00									
23:00-24:00									
Daily Trip Rates:		0.468			0.462				0.93
7 to 7		0.42			0.413				0.823

TRIP RATE for Land Use 02 - EMPLOYMENT(P) - WAREHOUSING (COMMERCIAL)
Calculation Factor: 300 sqm
Count Type: Taxi

ARRIVALS				DEPARTURES				TOTALS	
Time Range	No.	Ave.	Trips	No.	Ave.	Trips	No.	Ave.	Trips
Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate	
00:00-01:00									
01:00-02:00									
02:00-03:00									
03:00-04:00									
04:00-05:00									
05:00-06:00	0			0				0	0%
06:00-07:00	0.01			0.01				0.02	1%
07:00-08:00	0.007			0.007				0.014	1%
08:00-09:00	0			0				0	0%
09:00-10:00	0			0				0	0%
10:00-11:00	0			0				0	0%
11:00-12:00	0			0				0	0%
12:00-13:00	0			0				0	0%
13:00-14:00	0			0				0	0%
14:00-15:00	0			0				0	0%
15:00-16:00	0			0				0	0%
16:00-17:00	0.004			0.004				0.008	0%
17:00-18:00	0.004			0.004				0.008	0%
18:00-19:00	0			0				0	0%
19:00-20:00	0			0				0	0%
20:00-21:00	0			0				0	0%
21:00-22:00									
22:00-23:00									
23:00-24:00									
Daily Trip Rates:		0.025			0.025				0.05
7 to 7		0.025			0.025				0.05

TRIP RATE for Land Use 02 - EMPLOYMENT(P) - WAREHOUSING (COMMERCIAL)
Calculation Factor: 300 sqm
Count Type: Motorcycle

ARRIVALS				DEPARTURES				TOTALS	
Time Range	No.	Ave.	Trips	No.	Ave.	Trips	No.	Ave.	Trips
Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate	
00:00-01:00									
01:00-02:00									
02:00-03:00									
03:00-04:00									
04:00-05:00									
05:00-06:00		0.01		0				0.01	0%
06:00-07:00	0			0				0	0%
07:00-08:00	0.002			0				0.002	0%
08:00-09:00	0.002			0				0.002	0%
09:00-10:00	0			0				0	0%
10:00-11:00	0.004			0				0.004	0%
11:00-12:00	0			0				0	0%
12:00-13:00	0.009			0				0.009	0%
13:00-14:00	0.002			0				0.002	0%
14:00-15:00	0			0.006				0.006	0%
15:00-16:00	0			0.004				0.004	0%
16:00-17:00	0.002			0				0.002	0%
17:00-18:00	0			0.004				0.004	0%
18:00-19:00	0			0				0	0%
19:00-20:00	0			0				0	0%
20:00-21:00	0			0				0	0%
21:00-22:00									
22:00-23:00									
23:00-24:00									
Daily Trip Rates:		0.028			0.014				0.042
7 to 7		0.028			0.014				0.042

TRIP RATE for Land Use 02 - EMPLOYMENT(P) - WAREHOUSING (COMMERCIAL)
Calculation Factor: 300 sqm
Count Type: Light Rail

ARRIVALS				DEPARTURES				TOTALS	
Time Range	No.	Ave.	Trips	No.	Ave.	Trips	No.	Ave.	Trips
Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate	
00:00-01:00									
01:00-02:00									
02:00-03:00									
03:00-04:00									
04:00-05:00									
05:00-06:00		0.276			0.058			0.336	56%
06:00-07:00		0.479			0.066			0.545	77%
07:00-08:00		0.236			0.073			0.309	23%
08:00-09:00		0.199			0.084			0.283	18%
09:00-10:00		0.154			0.064			0.218	11%

TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE
Calculation Factor: 100 sqm
Count Type: OGVS

	82 General Industrial	Arrival	Dep	Two-Way
SQM	12hr 7am-7pm	0.326	0.325	0.653
6333	63.33	21	21	42

SE Warehouse Proportion of 12hr to 24 hr	43%	39%
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Count Type: Cars

LIGHTS				
	82 General Industrial	Arrival	Dep	Two-Way
SQM	12hr 7am-7pm	4.33	4.997	8.727
6333	63.33	274	276	553

Proportion of 12hr to 24 hr	43%	39%
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Count Type: LGV

Calculation Factor: 100 sqm
Count Type: Taxi

Count Type: MotorcycleCount Type: Lights Total

Light Industrial

TRIP RATE for Land Use 02 - EMPLOYMENT/ - INDUSTRIAL UNIT
Calculation Factor: 300 sqm
Count Type: ODVS

ARRIVALS				DEPARTURES				TOTALS	
Time Range	No.	Ave.	Trips	No.	Ave.	Trips	No.	Ave.	Trips
Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate	
00:00-01:00									
01:00-02:00									
02:00-03:00									
03:00-04:00									
04:00-05:00									
05:00-06:00	2	5096	0	2	5096	0	2	5096	0
06:00-07:00	2	8181	0.008	2	8181	0	2	8181	0.008
07:00-08:00	9	5860	0.038	9	5860	0.031	9	5860	0.049
08:00-09:00	9	5860	0.038	9	5860	0.039	9	5860	0.077
09:00-10:00	9	5860	0.038	9	5860	0.038	9	5860	0.076
10:00-11:00	9	5860	0.038	9	5860	0.021	9	5860	0.049
11:00-12:00	9	5860	0.038	9	5860	0.024	9	5860	0.062
12:00-13:00	9	5860	0.04	9	5860	0.049	9	5860	0.089
13:00-14:00	9	5860	0.04	9	5860	0.027	9	5860	0.067
14:00-15:00	9	5860	0.025	9	5860	0.013	9	5860	0.028
15:00-16:00	9	5860	0.020	9	5860	0.029	9	5860	0.028
16:00-17:00	9	5860	0.009	9	5860	0.029	9	5860	0.028
17:00-18:00	9	5860	0.002	9	5860	0.002	9	5860	0.004
18:00-19:00	9	5860	0	9	5860	0.002	9	5860	0.002
19:00-20:00	2	5096	0	2	5096	0.004	2	5096	0.004
20:00-21:00	2	5096	0	2	5096	0.027	2	5096	0.027
21:00-22:00									
22:00-23:00									
23:00-24:00									
Daily Trip Rates:		0.265			0.345				0.608

	No Light Industrial	Annual	Stop	Two-Way
5096	1206 Ann-Trip	0.265	0.364	0.629
0.027	60.30	16	17	33

96 Warehouse Proportion of 2400 is 24%	45%	29%
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	Annual	Stop	Two-Way
Warehouse Lighted Entry Rate	46	56	106

TRIP RATE for Land Use 02 - EMPLOYMENT/ - WAREHOUSING (COMMERCIAL)
Calculation Factor: 300 sqm
Count Type: Cars

ARRIVALS				DEPARTURES				TOTALS	
Time Range	No.	Ave.	Trips	No.	Ave.	Trips	No.	Ave.	Trips
Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate	
00:00-01:00									
01:00-02:00									
02:00-03:00									
03:00-04:00									
04:00-05:00									
05:00-06:00	0		0			0	0.008	10%	
06:00-07:00	0.008		0.008			0.013	10%		
07:00-08:00	0.262		0.039			0.311	49%		
08:00-09:00	0.280		0.021			0.294	46%		
09:00-10:00	0.097		0.009			0.146	23%		
10:00-11:00	0.038		0.002			0.063	20%		
11:00-12:00	0.025		0.006			0.061	10%		
12:00-13:00	0.064		0.085			0.148	20%		
13:00-14:00	0.076		0.1			0.176	28%		
14:00-15:00	0.03		0.021			0.081	13%		
15:00-16:00	0.039		0.114			0.153	21%		
16:00-17:00	0.020		0.124			0.243	34%		
17:00-18:00	0.020		0.105			0.124	14%		
18:00-19:00	0.027		0.112			0.129	20%		
19:00-20:00	0.004		0			0.004	6%		
20:00-21:00	0		0.027			0.027	4%		
21:00-22:00									
22:00-23:00									
23:00-24:00									
Daily Trip Rates:		1.366			1.125				2.491
7 to 7		0.979			1.121				2.1

	No Light Industrial	Annual	Stop	Two-Way
5096	1206 Ann-Trip	0.265	0.406	0.672
0.027	60.30	16	21	37

Proportion of 2400 is 24%	45%	29%
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	Annual	Stop	Two-Way
Warehouse Lighted Light Rate	167	222	409

TRIP RATE for Land Use 02 - EMPLOYMENT/ - WAREHOUSING (COMMERCIAL)
Calculation Factor: 300 sqm
Count Type: ODV

ARRIVALS				DEPARTURES				TOTALS	
Time Range	No.	Ave.	Trips	No.	Ave.	Trips	No.	Ave.	Trips
Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate	
00:00-01:00									
01:00-02:00									
02:00-03:00									
03:00-04:00									
04:00-05:00									
05:00-06:00	0		0			0	0%		
06:00-07:00	0.049		0			0.049	8%		
07:00-08:00	0.03		0.009			0.039	6%		
08:00-09:00	0.020		0.011			0.036	6%		
09:00-10:00	0.03		0.023			0.053	8%		
10:00-11:00	0.044		0.04			0.084	12%		
11:00-12:00	0.021		0.021			0.042	7%		
12:00-13:00	0.038		0.028			0.066	10%		
13:00-14:00	0.033		0.034			0.068	9%		
14:00-15:00	0.034		0.022			0.056	10%		
15:00-16:00	0.023		0.034			0.059	9%		
16:00-17:00	0.009		0.038			0.047	7%		
17:00-18:00	0.004		0.008			0.012	2%		
18:00-19:00	0		0			0	0%		
19:00-20:00	0		0			0	0%		
20:00-21:00	0		0.009			0.009	1%		
21:00-22:00									
22:00-23:00									
23:00-24:00									
Daily Trip Rates:		0.324			0.287				0.611
7 to 7		0.275			0.278				0.553

TRIP RATE for Land Use 02 - EMPLOYMENT/ - WAREHOUSING (COMMERCIAL)
Calculation Factor: 300 sqm
Count Type: Taxi

ARRIVALS				DEPARTURES				TOTALS	
Time Range	No.	Ave.	Trips	No.	Ave.	Trips	No.	Ave.	Trips
Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate	
00:00-01:00									
01:00-02:00									
02:00-03:00									
03:00-04:00									
04:00-05:00									
05:00-06:00	0		0			0	0%		
06:00-07:00	0		0			0	0%		
07:00-08:00	0		0			0	0%		
08:00-09:00	0		0			0	0%		
09:00-10:00	0.002		0.002			0.004	1%		
10:00-11:00	0.004		0.004			0.008	1%		
11:00-12:00	0.004		0.004			0.008	1%		
12:00-13:00	0		0			0	0%		
13:00-14:00	0		0			0	0%		
14:00-15:00	0.002		0.002			0.004	1%		
15:00-16:00	0		0			0	0%		
16:00-17:00	0		0			0	0%		
17:00-18:00	0		0			0	0%		
18:00-19:00	0.002		0.002			0.004	1%		
19:00-20:00	0		0			0	0%		
20:00-21:00	0		0			0	0%		
21:00-22:00									
22:00-23:00									
23:00-24:00									
Daily Trip Rates:		0.014			0.014				0.028
7 to 7		0.014			0.014				0.028

TRIP RATE for Land Use 02 - EMPLOYMENT/ - WAREHOUSING (COMMERCIAL)
Calculation Factor: 300 sqm
Count Type: Motorcycle

ARRIVALS				DEPARTURES				TOTALS	
Time Range	No.	Ave.	Trips	No.	Ave.	Trips	No.	Ave.	Trips
Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate	
00:00-01:00									
01:00-02:00									
02:00-03:00									
03:00-04:00									
04:00-05:00									
05:00-06:00	0.009		0			0.009	1%		
06:00-07:00	0.004		0			0.004	1%		
07:00-08:00	0.002		0			0.002	0%		
08:00-09:00	0.004		0			0.004	1%		
09:00-10:00	0.002		0.002			0.004	1%		
10:00-11:00	0		0			0	0%		
11:00-12:00	0		0			0	0%		
12:00-13:00	0.002		0.002			0.004	1%		
13:00-14:00	0.002		0.002			0.004	1%		
14:00-15:00	0		0			0	0%		
15:00-16:00	0.002		0.006			0.008	1%		
16:00-17:00	0		0.004			0.004	1%		
17:00-18:00	0		0.006			0.006	1%		
18:00-19:00	0		0			0	0%		
19:00-20:00	0		0			0	0%		
20:00-21:00	0		0			0	0%		
21:00-22:00									
22:00-23:00									
23:00-24:00									
Daily Trip Rates:		0.027			0.022				0.049
7 to 7		0.014			0.022				0.036

TRIP RATE for Land Use 02 - EMPLOYMENT/ - WAREHOUSING (COMMERCIAL)
Calculation Factor: 300 sqm
Count Type: Light Vehicle

ARRIVALS				DEPARTURES				TOTALS	
Time Range	No.	Ave.	Trips	No.	Ave.	Trips	No.	Ave.	Trips
Days	GFA	Rate	Days	GFA	Rate	Days	GFA	Rate	
00:00-01:00									
01:00-02:00									
02:00-03:00									
03:00-04:00									
04:00-05:00									
05:00-06:00	0.107		0			0.107	17%		
06:00-07:00	0.261		0.004			0.265	43%		
07:00-08:00	0.124		0.028			0.152	25%		
08:00-09:00	0.111		0.022			0.134	22%		
09:00-10:00	0.112		0.017			0.129	21%		
10:00-11:00	0.086		0.009			0.095	16%		
11:00-12:00	0.25		0.061			0.311	51%		
12:00-13:00	0.036		0.113			0.149	24%		
13:00-14:00	0.006		0.006			0.012	2%		
14:00-15:00	0.006		0.085			0.091	15%		
15:00-16:00	0.006		0.114			0.12	20%		
16:00-17:00	0.028		0.366			0.394	64%		
17:00-18:00	0.011		0.213			0.224	37%		
18:00-19:00	0.019		0.114			0.133	22%		
19:00-20:00	0.006		0.004			0.01	1%		
20:00-21:00	0.027		0.009			0.035	6%		
21:00-22:00									
22:00-23:00									
23:00-24:00									
Total Trip Rates									
1.781						1.448			3.171
7.7						1.435			9.135

50% E(p) Light Industrial & 50% B2 General Industrial (LIGHT VEHICLES)

TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

Calculation Factor: 100 sqm

Count Type: Lights

Time Range	No. Days	ARRIVALS			DEPARTURES			TOTALS	
		Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00-01:00									
01:00-02:00									
02:00-03:00									
03:00-04:00									
04:00-05:00									
05:00-06:00			0.278			0.058			0.336
06:00-07:00			0.479			0.086			0.565
07:00-08:00			0.236			0.073			0.309
08:00-09:00			0.199			0.084			0.283
09:00-10:00			0.154			0.082			0.236
10:00-11:00			0.092			0.098			0.19
11:00-12:00			0.086			0.104			0.19
12:00-13:00			0.099			0.101			0.2
13:00-14:00			0.137			0.135			0.272
14:00-15:00			0.099			0.15			0.249
15:00-16:00			0.081			0.182			0.263
16:00-17:00			0.064			0.189			0.253
17:00-18:00			0.062			0.221			0.283
18:00-19:00			0.023			0.148			0.171
19:00-20:00			0.077			0.192			0.269
20:00-21:00			0.076			0.039			0.115
21:00-22:00									
22:00-23:00									
23:00-24:00									
Daily Trip Rates:			2.242			1.942			4.184
			1.332			1.567			2.899

	B8 Warehouse	Arrival	Dep	Two-Way
SQM	12hr 7am-7pm	1.332	1.567	2.899
3166.5	31.665	42	50	92

B8 Warehouse Proportion of 12hr to 24 hr	43%	39%
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B8 Warehouse	Arrival	Dep	Two-Way
24Hour Uplifted Light Flow	97	127	224

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

Calculation Factor: 100 sqm

Count Type: Lights

Time Range	No. Days	ARRIVALS			DEPARTURES			TOTALS	
		Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00-01:00									
01:00-02:00									
02:00-03:00									
03:00-04:00									
04:00-05:00									
05:00-06:00			0.293			0.009			0.302
06:00-07:00			0.053			0.026			0.079
07:00-08:00			0.441			0.108			0.549
08:00-09:00			0.537			0.293			0.83
09:00-10:00			0.446			0.352			0.798
10:00-11:00			0.403			0.386			0.789
11:00-12:00			0.402			0.427			0.829
12:00-13:00			0.405			0.451			0.856
13:00-14:00			0.405			0.428			0.833
14:00-15:00			0.369			0.404			0.773
15:00-16:00			0.31			0.418			0.728
16:00-17:00			0.344			0.524			0.868
17:00-18:00			0.198			0.444			0.642
18:00-19:00			0.07			0.162			0.232
19:00-20:00			0.013			0.056			0.069
20:00-21:00			0			0.004			0.004
21:00-22:00									
22:00-23:00									
23:00-24:00									
Daily Trip Rates:			4.689			4.492			9.181
			4.33			4.397			8.727

	B2 General Indsutrial	Arrival	Dep	Two-Way
SQM	12hr 7am-7pm	4.33	4.397	8.727
3166.5	31.665	137	139	276

B8 Warehouse Proportion of 12hr to 24 hr	43%	39%
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B2 General Indsutrial	Arrival	Dep	Two-Way
24Hour Uplifted Light Flow	316	355	672

TOTAL	Arrival	Dep	Two-Way
24Hour Uplifted HGV Flow	414	482	896

50% E(p) Light Industrial & 50% B2 General Industrial (HGV)

TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)
Calculation Factor: 100 sqm
Count Type: OGV5

Time Range	No. Days	ARRIVALS			DEPARTURES			TOTALS		
		Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	
00:00-01:00										
01:00-02:00										
02:00-03:00										
03:00-04:00										
04:00-05:00										
05:00-06:00		1	10446	0.077	1	10446	0.115	1	10446	0.192
06:00-07:00		1	10446	0.086	1	10446	0.163	1	10446	0.249
07:00-08:00		7	7628	0.054	7	7628	0.086	7	7628	0.14
08:00-09:00		7	7628	0.047	7	7628	0.082	7	7628	0.129
09:00-10:00		7	7628	0.064	7	7628	0.036	7	7628	0.1
10:00-11:00		7	7628	0.088	7	7628	0.062	7	7628	0.15
11:00-12:00		7	7628	0.077	7	7628	0.073	7	7628	0.15
12:00-13:00		7	7628	0.077	7	7628	0.041	7	7628	0.118
13:00-14:00		7	7628	0.051	7	7628	0.073	7	7628	0.124
14:00-15:00		7	7628	0.062	7	7628	0.06	7	7628	0.122
15:00-16:00		7	7628	0.069	7	7628	0.062	7	7628	0.131
16:00-17:00		7	7628	0.075	7	7628	0.062	7	7628	0.137
17:00-18:00		7	7628	0.086	7	7628	0.054	7	7628	0.14
18:00-19:00		7	7628	0.047	7	7628	0.032	7	7628	0.079
19:00-20:00		1	10446	0.019	1	10446	0.057	1	10446	0.076
20:00-21:00		1	10446	0.029	1	10446	0.048	1	10446	0.077
21:00-22:00										
22:00-23:00										
23:00-24:00										
Daily Trip Rates:				1.008			1.106			2.114

	B8 Warehouse	Arrival	Dep	Two-Way
SQM	12hr 7am-7pm	0.797	0.723	1.52
3166.5	31.665	25	23	48

B8 Warehouse Proportion of 12hr to 24 hr	43%	39%
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	B8 Warehouse	Arrival	Dep	Two-Way
	24Hour Uplifted HGV Flow	58	58	117

TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE
Calculation Factor: 100 sqm
Count Type: OGV5

Time Range	No. Days	ARRIVALS			DEPARTURES			TOTALS		
		Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	
00:00-01:00										
01:00-02:00										
02:00-03:00										
03:00-04:00										
04:00-05:00										
05:00-06:00		2	5817	0	2	5817	0	2	5817	0
06:00-07:00		3	7633	0	3	7633	0	3	7633	0
07:00-08:00		21	6141	0.019	21	6141	0.01	21	6141	0.029
08:00-09:00		21	6141	0.032	21	6141	0.038	21	6141	0.07
09:00-10:00		21	6141	0.045	21	6141	0.046	21	6141	0.091
10:00-11:00		21	6141	0.033	21	6141	0.04	21	6141	0.073
11:00-12:00		21	6141	0.035	21	6141	0.038	21	6141	0.073
12:00-13:00		21	6141	0.041	21	6141	0.033	21	6141	0.074
13:00-14:00		21	6141	0.036	21	6141	0.025	21	6141	0.061
14:00-15:00		21	6141	0.032	21	6141	0.038	21	6141	0.07
15:00-16:00		21	6141	0.029	21	6141	0.028	21	6141	0.057
16:00-17:00		21	6141	0.013	21	6141	0.016	21	6141	0.029
17:00-18:00		21	6141	0.009	21	6141	0.009	21	6141	0.018
18:00-19:00		21	6141	0.002	21	6141	0.004	21	6141	0.006
19:00-20:00		3	7633	0	3	7633	0	3	7633	0
20:00-21:00		3	7633	0	3	7633	0	3	7633	0
21:00-22:00										
22:00-23:00										
23:00-24:00										
Daily Trip Rates:				0.326			0.325			0.651

	B2 General Indsutrial	Arrival	Dep	Two-Way
SQM	12hr 7am-7pm	0.326	0.325	0.651
3166.5	31.665	10	10	21

B8 Warehouse Proportion of 12hr to 24 hr	43%	39%
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	B2 General Indsutrial	Arrival	Dep	Two-Way
	24Hour Uplifted HGV Flow	24	26	50

TOTAL	Arrival	Dep	Two-Way
24Hour Uplifted HGV Flow	82	85	167

50% E(p) Light Industrial & 50% B8 Warehouse (LIGHT VEHICLES)

TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

Calculation Factor: 100 sqm

Count Type: Lights

No. Time Rang Days	ARRIVALS		DEPARTURES		TOTALS
	Ave. Trip Rate	No. Days	Ave. Trip Rate	No. Days	
00:00-01:00					
01:00-02:00					
02:00-03:00					
03:00-04:00					
04:00-05:00					
05:00-06:00		0.278		0.058	0.336
06:00-07:00		0.479		0.086	0.565
07:00-08:00		0.236		0.073	0.309
08:00-09:00		0.199		0.084	0.283
09:00-10:00		0.154		0.082	0.236
10:00-11:00		0.092		0.098	0.19
11:00-12:00		0.086		0.104	0.19
12:00-13:00		0.099		0.101	0.2
13:00-14:00		0.137		0.135	0.272
14:00-15:00		0.099		0.15	0.249
15:00-16:00		0.081		0.182	0.263
16:00-17:00		0.064		0.189	0.253
17:00-18:00		0.062		0.221	0.283
18:00-19:00		0.023		0.148	0.171
19:00-20:00		0.077		0.192	0.269
20:00-21:00		0.076		0.039	0.115
21:00-22:00					
22:00-23:00					
23:00-24:00					
Daily Trip Rates:		2.242		1.942	4.184
		1.332		1.567	2.899

SQM	B8 Warehouse	Arrival	Dep	Two-Way
	12hr 7am-7pm	1.332	1.567	2.899
3166.5	31.665	42	50	92

B8 Warehouse Proportion of 12hr to 24 hr	43%	39%
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B8 Warehouse	Arrival	Dep	Two-Way
24Hour Uplifted HGV Flow	97	127	224

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

Calculation Factor: 100 sqm

Count Type: Lights

No. Time Rang Days	ARRIVALS		DEPARTURES		TOTALS
	Ave. Trip Rate	No. Days	Ave. Trip Rate	No. Days	
00:00-01:00					
01:00-02:00					
02:00-03:00					
03:00-04:00					
04:00-05:00					
05:00-06:00		0.107		0	0.107
06:00-07:00		0.261		0.004	0.265
07:00-08:00		0.324		0.028	0.352
08:00-09:00		0.312		0.022	0.334
09:00-10:00		0.131		0.076	0.207
10:00-11:00		0.086		0.069	0.155
11:00-12:00		0.05		0.061	0.111
12:00-13:00		0.104		0.115	0.219
13:00-14:00		0.093		0.136	0.229
14:00-15:00		0.066		0.085	0.151
15:00-16:00		0.046		0.154	0.2
16:00-17:00		0.028		0.366	0.394
17:00-18:00		0.023		0.209	0.232
18:00-19:00		0.019		0.114	0.133
19:00-20:00		0.054		0	0.054
20:00-21:00		0.027		0.009	0.036
21:00-22:00					
22:00-23:00					
23:00-24:00					
Daily Trip Rates:		1.731		1.448	3.179
		1.282		1.435	2.717

SQM	B1c Light Industrial	Arrival	Dep	Two-Way
	12hr 7am-7pm	1.282	1.435	2.717
3166.5	31.665	41	45	86

B8 Warehouse Proportion of 12hr to 24 hr	43%	39%
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B1c Light Industrial	Arrival	Dep	Two-Way
24Hour Uplifted HGV Flow	94	116	210

TOTAL	Arrival	Dep	Two-Way
24Hour Uplifted HGV Flow	191	243	434

50% E(p) Light Industrial & 50% B8 Warehouse (HGV)

TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

Calculation Factor: 100 sqm

Count Type: OGVS

Time Rang Days	ARRIVALS			DEPARTURES			TOTALS	
	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00-01:00								
01:00-02:00								
02:00-03:00								
03:00-04:00								
04:00-05:00								
05:00-06:0	1	10446	0.077	1	10446	0.115	1	10446
06:00-07:0	1	10446	0.086	1	10446	0.163	1	10446
07:00-08:0	7	7628	0.054	7	7628	0.086	7	7628
08:00-09:0	7	7628	0.047	7	7628	0.082	7	7628
09:00-10:0	7	7628	0.064	7	7628	0.036	7	7628
10:00-11:0	7	7628	0.088	7	7628	0.062	7	7628
11:00-12:0	7	7628	0.077	7	7628	0.073	7	7628
12:00-13:0	7	7628	0.077	7	7628	0.041	7	7628
13:00-14:0	7	7628	0.051	7	7628	0.073	7	7628
14:00-15:0	7	7628	0.062	7	7628	0.06	7	7628
15:00-16:0	7	7628	0.069	7	7628	0.062	7	7628
16:00-17:0	7	7628	0.075	7	7628	0.062	7	7628
17:00-18:0	7	7628	0.086	7	7628	0.054	7	7628
18:00-19:0	7	7628	0.047	7	7628	0.032	7	7628
19:00-20:0	1	10446	0.019	1	10446	0.057	1	10446
20:00-21:0	1	10446	0.029	1	10446	0.048	1	10446
21:00-22:00								
22:00-23:00								
23:00-24:00								
Daily Trip Rates:			1.008			1.106		2.114

	B8 Warehouse	Arrival	Dep	Two-Way
SQM	12hr 7am-7pm	0.797	0.723	1.52
3166.5	31.665	25	23	48

B8 Warehouse Proportion of 12hr to 24 hr	43%	39%
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B8 Warehouse	Arrival	Dep	Two-Way
24Hour Uplifted HGV Flow	58	58	117

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

Calculation Factor: 100 sqm

Count Type: OGVS

Time Rang Days	ARRIVALS			DEPARTURES			TOTALS	
	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00-01:00								
01:00-02:00								
02:00-03:00								
03:00-04:00								
04:00-05:00								
05:00-06:0	2	5596	0	2	5596	0	2	5596
06:00-07:0	3	8181	0.008	3	8181	0	3	8181
07:00-08:0	9	5860	0.028	9	5860	0.021	9	5860
08:00-09:0	9	5860	0.038	9	5860	0.019	9	5860
09:00-10:0	9	5860	0.038	9	5860	0.038	9	5860
10:00-11:0	9	5860	0.028	9	5860	0.021	9	5860
11:00-12:0	9	5860	0.028	9	5860	0.034	9	5860
12:00-13:0	9	5860	0.04	9	5860	0.049	9	5860
13:00-14:0	9	5860	0.04	9	5860	0.027	9	5860
14:00-15:0	9	5860	0.015	9	5860	0.013	9	5860
15:00-16:0	9	5860	0.019	9	5860	0.019	9	5860
16:00-17:0	9	5860	0.009	9	5860	0.019	9	5860
17:00-18:0	9	5860	0.002	9	5860	0.002	9	5860
18:00-19:0	9	5860	0	9	5860	0.002	9	5860
19:00-20:0	2	5596	0	2	5596	0.054	2	5596
20:00-21:0	2	5596	0	2	5596	0.027	2	5596
21:00-22:00								
22:00-23:00								
23:00-24:00								
Daily Trip Rates:			0.293			0.345		0.638

	B1c Light Industrial	Arrival	Dep	Two-Way
SQM	12hr 7am-7pm	0.285	0.264	0.549
3166.5	31.665	9	8	17

B8 Warehouse Proportion of 12hr to 24 hr	43%	39%
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B1c Light Industrial	Arrival	Dep	Two-Way
24Hour Uplifted HGV Flow	21	21	42

TOTAL	Arrival	Dep	Two-Way
24Hour Uplifted HGV Flow	79	80	159

24hr B8 Warehouse

TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

Calculation Factor: 100 sqm

Count Type: OGVS

Time Range	ARRIVALS			DEPARTURES			TOTALS			
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	
00:00-01:00	1	7500	0.147	1	7500	0.147	1	7500	0.294	8%
01:00-02:00	1	7500	0.053	1	7500	0.093	1	7500	0.146	4%
02:00-03:00	1	7500	0.08	1	7500	0.093	1	7500	0.173	5%
03:00-04:00	1	7500	0.093	1	7500	0.067	1	7500	0.16	4%
04:00-05:00	1	7500	0.12	1	7500	0.107	1	7500	0.227	6%
05:00-06:00	2	8973	0.072	2	8973	0.111	2	8973	0.183	5%
06:00-07:00	2	8973	0.111	2	8973	0.139	2	8973	0.25	7%
07:00-08:00	13	5825	0.049	13	5825	0.082	13	5825	0.131	4%
08:00-09:00	13	5825	0.066	13	5825	0.088	13	5825	0.154	4%
09:00-10:00	13	5825	0.065	13	5825	0.062	13	5825	0.127	3%
10:00-11:00	13	5825	0.07	13	5825	0.067	13	5825	0.137	4%
11:00-12:00	13	5825	0.061	13	5825	0.067	13	5825	0.128	4%
12:00-13:00	13	5825	0.07	13	5825	0.044	13	5825	0.114	3%
13:00-14:00	13	5825	0.075	13	5825	0.066	13	5825	0.141	4%
14:00-15:00	13	5825	0.07	13	5825	0.048	13	5825	0.118	3%
15:00-16:00	13	5825	0.078	13	5825	0.05	13	5825	0.128	4%
16:00-17:00	13	5825	0.071	13	5825	0.055	13	5825	0.126	3%
17:00-18:00	13	5825	0.073	13	5825	0.051	13	5825	0.124	3%
18:00-19:00	13	5825	0.038	13	5825	0.036	13	5825	0.074	2%
19:00-20:00	3	7999	0.029	3	7999	0.046	3	7999	0.075	2%
20:00-21:00	2	8973	0.056	2	8973	0.056	2	8973	0.112	3%
21:00-22:00	1	7500	0.053	1	7500	0.08	1	7500	0.133	4%
22:00-23:00	1	7500	0.133	1	7500	0.093	1	7500	0.226	6%
23:00-24:00	1	7500	0.08	1	7500	0.08	1	7500	0.16	4%
Daily Trip Rates:			1.813			1.828			3.641	

		Arrival	Dep	Two-Way
SQM	12hr 7am-7pm	0.786	0.716	1.502
6333	63.33	50	45	95
	24hr	1.813	1.828	3.641
6333	63.33	115	116	231

Proportion of 12hr to 24 hr	43%	39%
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