# Appendix A Trip Rates Technical Note

# TECHNICAL NOTE

**Job Name:** Chichester Area Transport Model (CATM)

**Job No:** 43682

**Note No:** 003

**Date:** July 2018

**Prepared By:** David Cope/Eleftherios Papathanasiadis

**Subject:** **Development of Scenarios 1,2 and 3 Trip Matrices**

| Item | Subject |
|---|---|
| 1. | **Introduction**<br><br>This note sets out further information on the TRICS trip rates to be used to determine the level of trips generated within the CATM Scenarios 1,2 and 3 models in respect of the strategic locations. |
| 2. | **Summary of Scenarios**<br><br>Three scenarios are to be modelled for the local plan assessment.<br><br>Each of the three scenarios, represent a different level of dwellings per annum (dpa) for the identified strategic developments, as follows:<br><br>▪ Scenario Test 1 – 600dpa<br>▪ Scenario Test 2 – 800dpa<br>▪ Scenario Test 3 – 1,000dpa |
| 3. | **TRICS**<br><br>Overview<br><br>For the 18 strategic development locations identified as part of the local plan, the trip rates were generated from the TRICS® 7.5.1 database. The methodology and assumptions used for the calculation of trip rates is summarised below. The identified trip rates were used to calculate the impact of each strategic development in terms of trip generation and hence inform the creation of the trip matrices for the three model scenarios.<br><br>The region filter selection excluded Greater London, Wales, Scotland, Ireland and Northern Ireland for both the residential and the employment trip rate estimation.<br><br>Only surveys conducted on a Tuesday, Wednesday or Thursday in order to replicate better a typical working day were used in site selection.<br><br>Residential Trip Rates<br><br>For the residential strategic developments trip rate estimation, the Main Land Use category used was "Residential" with Sub Land Use "Houses Privately Owned". The trip rates were calculated only for vehicles. The development locations were classed by location, such that two separate sets of trip rates were derived, one for "Edge of Town Centre" and the other for "Suburban Area".<br><br>The sites used in for each of the two selections are provided within **Appendix A**. |

| Item | Subject |
|---|---|

The trip rates used for the residential development sites are summarized below. (trip rate/1 dwell)

| HOUSES PRIVATELY OWNED | TRICS TRIP RATES | | | | | |
|---|---|---|---|---|---|---|
| | Edge of Town Centre | | | Suburban Area | | |
| | ARRIVALS | DEPARTURES | TOTAL | ARRIVALS | DEPARTURES | TOTAL |
| AM Peak (08:00 - 09:00) | 0.152 | 0.318 | 0.470 | 0.109 | 0.378 | 0.487 |
| Inter Peak (10:00 - 16:00) | 0.123 | 0.125 | 0.248 | 0.165 | 0.165 | 0.330 |
| PM Peak (17:00 - 18:00) | 0.220 | 0.195 | 0.390 | 0.379 | 0.183 | 0.562 |

### Employment Trip Rates

A similar approach has been used to derive the trip rates for the employment trips within developments. Trip rates were derived for business parks, located on suburban areas.

The trip rates used for the employment development sites are summarized below. (trip rate/100 sqm), with the sites used in the selection provided in **Appendix A**.

| Suburban Area | TRICS TRIP RATES | | |
|---|---|---|---|
| | BUSINESS PARK | | |
| | ARRIVALS | DEPARTURES | TOTAL |
| AM Peak (08:00 - 09:00) | 1.686 | 0.169 | 1.855 |
| Inter Peak (10:00 - 16:00) | 0.254 | 0.310 | 0.565 |
| PM Peak (17:00 - 18:00) | 0.124 | 1.273 | 1.397 |

A GIS drawing with the location of the development sites is included in **Appendix B**.

The TRICS outputs are attached in **Appendix C**.

**DOCUMENT ISSUE RECORD**

| Technical Note No | Rev | Date | Prepared | Checked | Reviewed (Discipline Lead) | Approved (Project Director) |
|---|---|---|---|---|---|---|
| 43682/TN003 | | July 2018 | E. Papathanasiadis | D. Cope/N. Moyo | | |
| | | | | | | |


Peter Brett Associates LLP Caversham Bridge House Waterman Place, Reading Berkshire RG1 8DN
T: +44 (0)118 950 0761 E: reading@peterbrett.com

# TECHNICAL NOTE

## Appendix A – TRICS Trip Rates for the Strategic Sites

Table 1: AM Peak (08:00 – 09:00) TRICS Trip Rates used for the Scenario Matrices

| AM Peak (08:00 - 09:00) | | | | |
|---|---|---|---|---|
| **Strategic sites** | **Development Type** | **TRICS Area Definition** | **ARRIVALS TRIP RATES** | **DEPARTURES TRIP RATES** |
| Chichester City (including Southern Gateway) | Residential | Edge of Town Centre | 0.152 | 0.318 |
| Tangmere | Residential | Suburban Area | 0.109 | 0.378 |
| Southbourne | Residential | Suburban Area | 0.109 | 0.378 |
| East Wittering | Residential | Suburban Area | 0.109 | 0.378 |
| South of Shopwyke | Residential | Suburban Area | 0.109 | 0.378 |
| Selsey | Residential | Suburban Area | 0.109 | 0.378 |
| Hambrook | Residential | Suburban Area | 0.109 | 0.378 |
| Fishbourne | Residential | Suburban Area | 0.109 | 0.378 |
| Broadbridge | Residential | Suburban Area | 0.109 | 0.378 |
| Hunston/North Mundham | Residential | Suburban Area | 0.109 | 0.378 |
| Donnington | Residential | Suburban Area | 0.109 | 0.378 |
| West Wittering | Residential | Suburban Area | 0.109 | 0.378 |
| Westhampnett | Residential | Suburban Area | 0.109 | 0.378 |
| Birdham | Residential | Suburban Area | 0.109 | 0.378 |
| Boxgrove | Residential | Suburban Area | 0.109 | 0.378 |
| Loxwood | Residential | Suburban Area | 0.109 | 0.378 |
| Wisborough Green | Residential | Suburban Area | 0.109 | 0.378 |
| Sullivan's Yard Employment | Employment | Suburban Area | 1.686 | 0.169 |

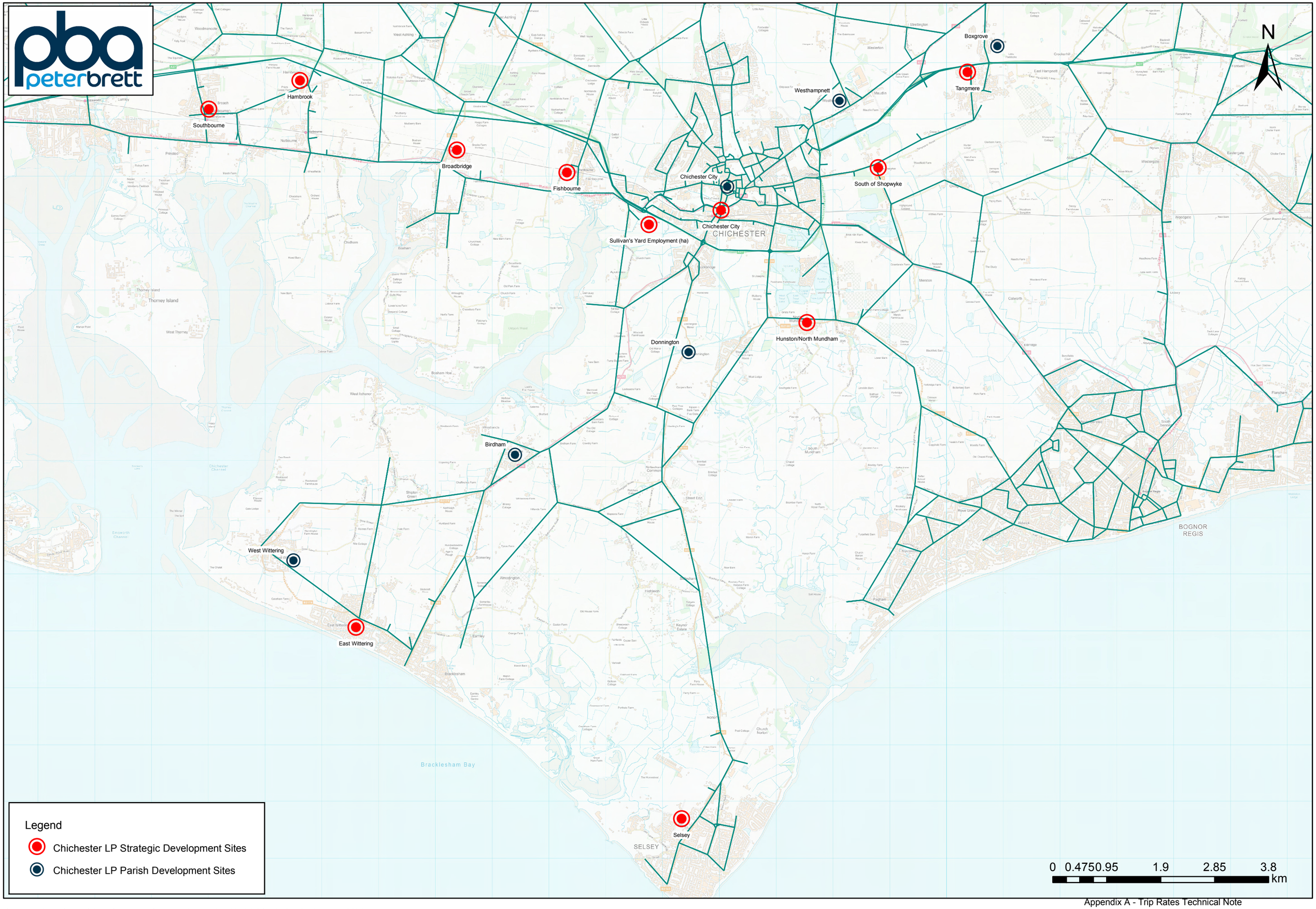
Table 2: Inter Peak (10:00 – 16:00) TRICS Trip Rates used for the Scenario Matrices

| Inter Peak (10:00 - 16:00) | | | | |
|---|---|---|---|---|
| **Strategic sites** | **Development Type** | **TRICS Area Definition** | **ARRIVALS TRIP RATES** | **DEPARTURES TRIP RATES** |
| Chichester City (including Southern Gateway) | Residential | Edge of Town Centre | 0.123 | 0.125 |
| Tangmere | Residential | Suburban Area | 0.165 | 0.165 |
| Southbourne | Residential | Suburban Area | 0.165 | 0.165 |
| East Wittering | Residential | Suburban Area | 0.165 | 0.165 |
| South of Shopwyke | Residential | Suburban Area | 0.165 | 0.165 |
| Selsey | Residential | Suburban Area | 0.165 | 0.165 |
| Hambrook | Residential | Suburban Area | 0.165 | 0.165 |
| Fishbourne | Residential | Suburban Area | 0.165 | 0.165 |
| Broadbridge | Residential | Suburban Area | 0.165 | 0.165 |
| Hunston/North Mundham | Residential | Suburban Area | 0.165 | 0.165 |
| Donnington | Residential | Suburban Area | 0.165 | 0.165 |
| West Wittering | Residential | Suburban Area | 0.165 | 0.165 |
| Westhampnett | Residential | Suburban Area | 0.165 | 0.165 |
| Birdham | Residential | Suburban Area | 0.165 | 0.165 |
| Boxgrove | Residential | Suburban Area | 0.165 | 0.165 |
| Loxwood | Residential | Suburban Area | 0.165 | 0.165 |
| Wisborough Green | Residential | Suburban Area | 0.165 | 0.165 |
| Sullivan's Yard Employment | Employment | Suburban Area | 0.254 | 0.310 |

Table 3: PM Peak (17:00 – 18:00) TRICS Trip Rates used for the Scenario Matrices

| PM Peak (17:00 - 18:00) | | | | |
|---|---|---|---|---|
| **Strategic sites** | **Development Type** | **TRICS Area Definition** | **ARRIVALS TRIP RATES** | **DEPARTURES TRIP RATES** |
| Chichester City (including Southern Gateway) | Residential | Edge of Town Centre | 0.220 | 0.195 |
| Tangmere | Residential | Suburban Area | 0.379 | 0.183 |
| Southbourne | Residential | Suburban Area | 0.379 | 0.183 |
| East Wittering | Residential | Suburban Area | 0.379 | 0.183 |
| South of Shopwyke | Residential | Suburban Area | 0.379 | 0.183 |
| Selsey | Residential | Suburban Area | 0.379 | 0.183 |
| Hambrook | Residential | Suburban Area | 0.379 | 0.183 |
| Fishbourne | Residential | Suburban Area | 0.379 | 0.183 |
| Broadbridge | Residential | Suburban Area | 0.379 | 0.183 |
| Hunston/North Mundham | Residential | Suburban Area | 0.379 | 0.183 |
| Donnington | Residential | Suburban Area | 0.379 | 0.183 |
| West Wittering | Residential | Suburban Area | 0.379 | 0.183 |
| Westhampnett | Residential | Suburban Area | 0.379 | 0.183 |
| Birdham | Residential | Suburban Area | 0.379 | 0.183 |
| Boxgrove | Residential | Suburban Area | 0.379 | 0.183 |
| Loxwood | Residential | Suburban Area | 0.379 | 0.183 |
| Wisborough Green | Residential | Suburban Area | 0.379 | 0.183 |
| Sullivan's Yard Employment | Employment | Suburban Area | 0.124 | 1.273 |

# TECHNICAL NOTE
# Appendix B – Developments Location



# TECHNICAL NOTE
# Appendix C – TRICS

Peter Brett Associates Caversham Bridge House Reading Licence No: 706701

Filtering Summary

| | | |
|---|---|---|
| Land Use | 03/A | RESIDENTIAL/HOUSES PRIVATELY OWNED |
| Selected Trip Rate Calculation Parameter Range | 6-1500 DWELLS | |
| Actual Trip Rate Calculation Parameter Range | 47-180 DWELLS | |
| Date Range | Minimum: 01/01/10 | Maximum: 27/11/17 |
| Days of the week selected | Tuesday | 3 |
| Main Location Types selected | Edge of Town Centre | 3 |
| Population <1 Mile ranges selected | 1,001 to 5,000<br>10,001 to 15,000 | 1<br>2 |
| Population <5 Mile ranges selected | 5,001 to 25,000 | 3 |
| Car Ownership <5 Mile ranges selected | 0.6 to 1.0<br>1.1 to 1.5 | 1<br>2 |
| PTAL Rating | No PTAL Present | 3 |

Calculation Reference: AUDIT-706701-180718-0708

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

*Selected regions and areas:*

| | | | |
|---|---|---|---|
| 07 | YORKSHIRE & NORTH LINCOLNSHIRE | | |
| | NE | NORTH EAST LINCOLNSHIRE | 1 days |
| | NY | NORTH YORKSHIRE | 1 days |
| 09 | NORTH | | |
| | CB | CUMBRIA | 1 days |

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

Secondary Filtering selection:

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

Parameter: Number of dwellings
Actual Range: 47 to 180 (units: )
Range Selected by User: 6 to 1500 (units: )

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/10 to 27/11/17

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

*Selected survey days:*
Tuesday 3 days

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

*Selected survey types:*
Manual count 3 days
Directional ATC Count 0 days

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

*Selected Locations:*
Edge of Town Centre 3

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

*Selected Location Sub Categories:*
Residential Zone 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:*
C3 3 days

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

Secondary Filtering selection (Cont.):

*Population within 1 mile:*

| | |
|---|---|
| 1,001 to 5,000 | 1 days |
| 10,001 to 15,000 | 2 days |

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

*Population within 5 miles:*

| | |
|---|---|
| 5,001 to 25,000 | 3 days |

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

*Car ownership within 5 miles:*

| | |
|---|---|
| 0.6 to 1.0 | 1 days |
| 1.1 to 1.5 | 2 days |

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

*Travel Plan:*

| | |
|---|---|
| No | 3 days |

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

*PTAL Rating:*

| | |
|---|---|
| No PTAL Present | 3 days |

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

*LIST OF SITES relevant to selection parameters*

| | | | |
|---|---|---|---|
| Site(1): | CB-03-A-05 | Site area: | 1.51 hect |
| Development Name: | DETACHED/TERRACED HOUSING | Number of dwellings: | 50 |
| Location: | PENRITH | Housing density: | 40 |
| Postcode: | CA11 9HS | Total Bedrooms: | 163 |
| Main Location Type: | Edge of Town Centre | Survey Date: | 21/06/16 |
| Sub-Location Type: | Residential Zone | Survey Day: | Tuesday |
| PTAL: | n/a | Parking Spaces: | 117 |

| | | | |
|---|---|---|---|
| Site(2): | NE-03-A-03 | Site area: | 8.00 hect |
| Development Name: | PRIVATE HOUSES | Number of dwellings: | 180 |
| Location: | SCUNTHORPE | Housing density: | |
| Postcode: | DN15 6BW | Total Bedrooms: | 432 |
| Main Location Type: | Edge of Town Centre | Survey Date: | 20/05/14 |
| Sub-Location Type: | Residential Zone | Survey Day: | Tuesday |
| PTAL: | n/a | Parking Spaces: | 482 |

| | | | |
|---|---|---|---|
| Site(3): | NY-03-A-12 | Site area: | 0.82 hect |
| Development Name: | TOWN HOUSES | Number of dwellings: | 47 |
| Location: | NORTHALLERTON | Housing density: | 68 |
| Postcode: | DL7 8EY | Total Bedrooms: | 122 |
| Main Location Type: | Edge of Town Centre | Survey Date: | 27/09/16 |
| Sub-Location Type: | Residential Zone | Survey Day: | Tuesday |
| PTAL: | n/a | Parking Spaces: | 78 |

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

| | ARRIVALS | | | DEPARTURES | | | TOTALS | | |
|---|---|---|---|---|---|---|---|---|---|
| Time Range | No. Days | Ave. DWELLS | Trip Rate | No. Days | Ave. DWELLS | Trip Rate | No. Days | Ave. DWELLS | Trip Rate |
| 00:00 - 01:00 | | | | | | | | | |
| 01:00 - 02:00 | | | | | | | | | |
| 02:00 - 03:00 | | | | | | | | | |
| 03:00 - 04:00 | | | | | | | | | |
| 04:00 - 05:00 | | | | | | | | | |
| 05:00 - 06:00 | | | | | | | | | |
| 06:00 - 07:00 | | | | | | | | | |
| 07:00 - 08:00 | 3 | 92 | 0.043 | 3 | 92 | 0.177 | 3 | 92 | 0.220 |
| 08:00 - 09:00 | 3 | 92 | 0.152 | 3 | 92 | 0.318 | 3 | 92 | 0.470 |
| 09:00 - 10:00 | 3 | 92 | 0.155 | 3 | 92 | 0.112 | 3 | 92 | 0.267 |
| 10:00 - 11:00 | 3 | 92 | 0.087 | 3 | 92 | 0.097 | 3 | 92 | 0.184 |
| 11:00 - 12:00 | 3 | 92 | 0.119 | 3 | 92 | 0.105 | 3 | 92 | 0.224 |
| 12:00 - 13:00 | 3 | 92 | 0.130 | 3 | 92 | 0.134 | 3 | 92 | 0.264 |
| 13:00 - 14:00 | 3 | 92 | 0.105 | 3 | 92 | 0.119 | 3 | 92 | 0.224 |
| 14:00 - 15:00 | 3 | 92 | 0.112 | 3 | 92 | 0.134 | 3 | 92 | 0.246 |
| 15:00 - 16:00 | 3 | 92 | 0.184 | 3 | 92 | 0.159 | 3 | 92 | 0.343 |
| 16:00 - 17:00 | 3 | 92 | 0.217 | 3 | 92 | 0.148 | 3 | 92 | 0.365 |
| 17:00 - 18:00 | 3 | 92 | 0.220 | 3 | 92 | 0.195 | 3 | 92 | 0.415 |
| 18:00 - 19:00 | 3 | 92 | 0.134 | 3 | 92 | 0.162 | 3 | 92 | 0.296 |
| 19:00 - 20:00 | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | |
| Total Rates: | | | 1.658 | | | 1.860 | | | 3.518 |

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

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

Parameter summary

| | |
|---|---|
| Trip rate parameter range selected: | 47 - 180 (units: ) |
| Survey date date range: | 01/01/10 - 27/11/17 |
| Number of weekdays (Monday-Friday): | 3 |
| Number of Saturdays: | 0 |
| Number of Sundays: | 0 |
| Surveys automatically removed from selection: | 0 |
| Surveys manually removed from selection: | 0 |

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

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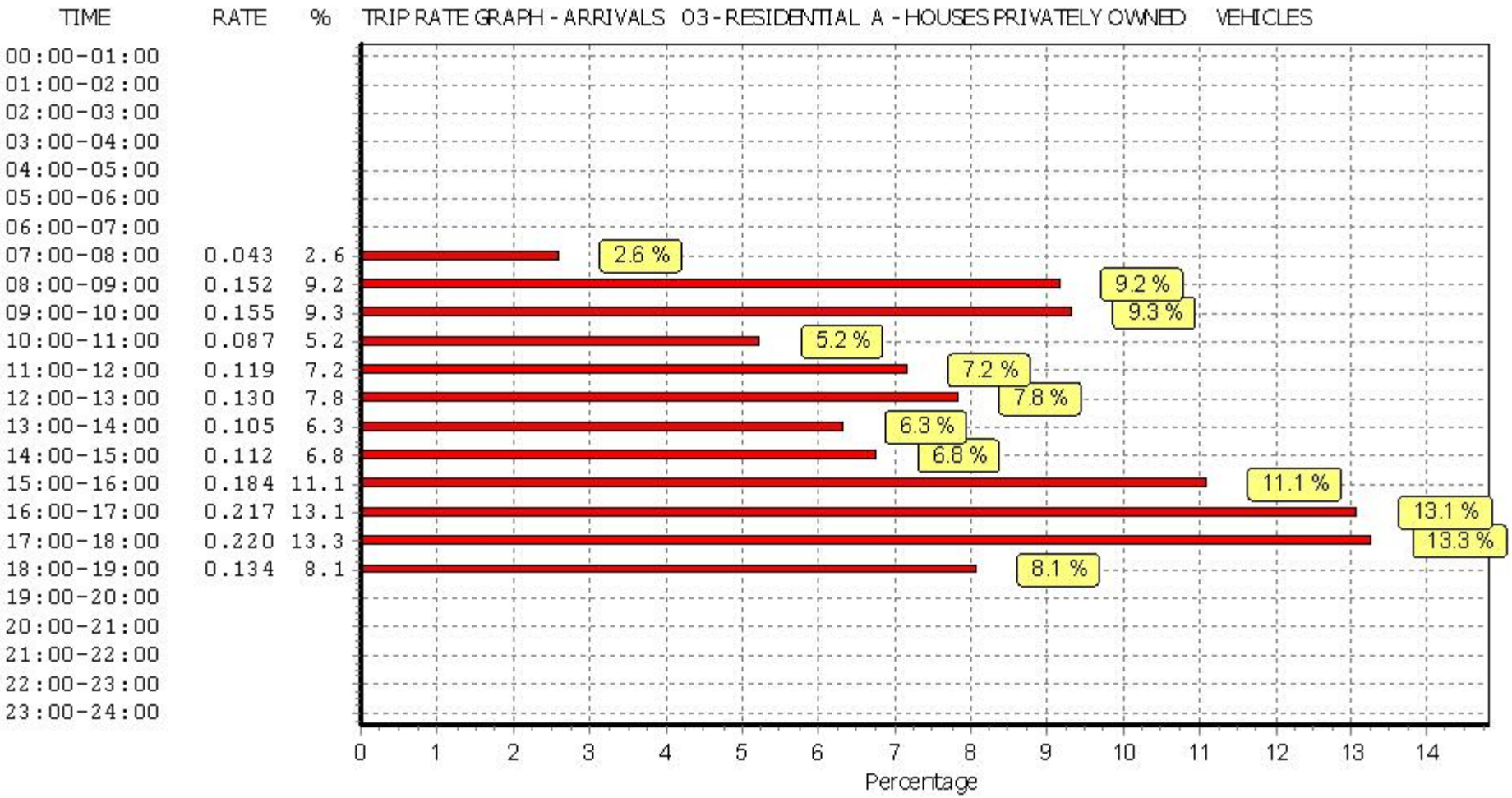


*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.*

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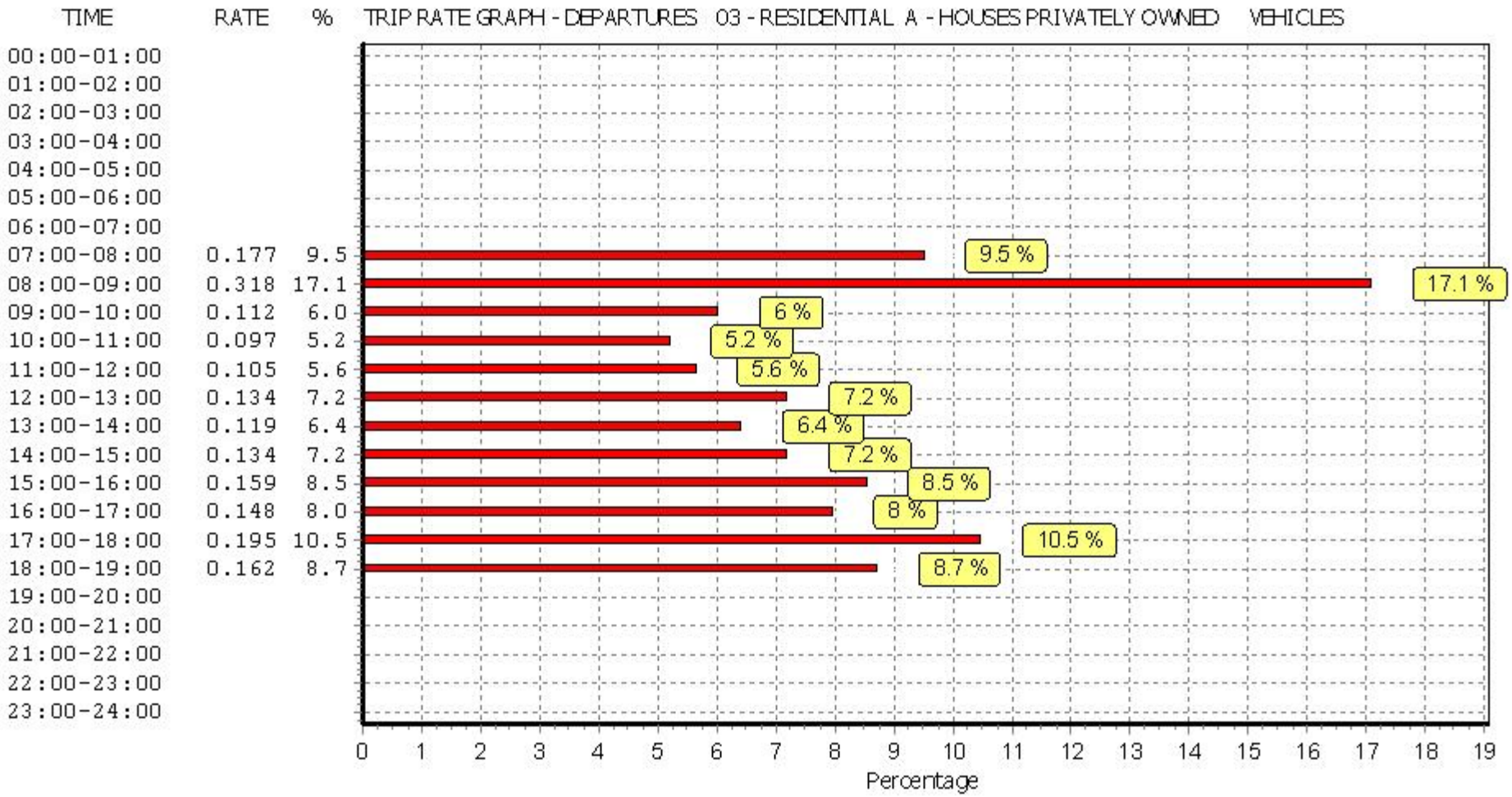


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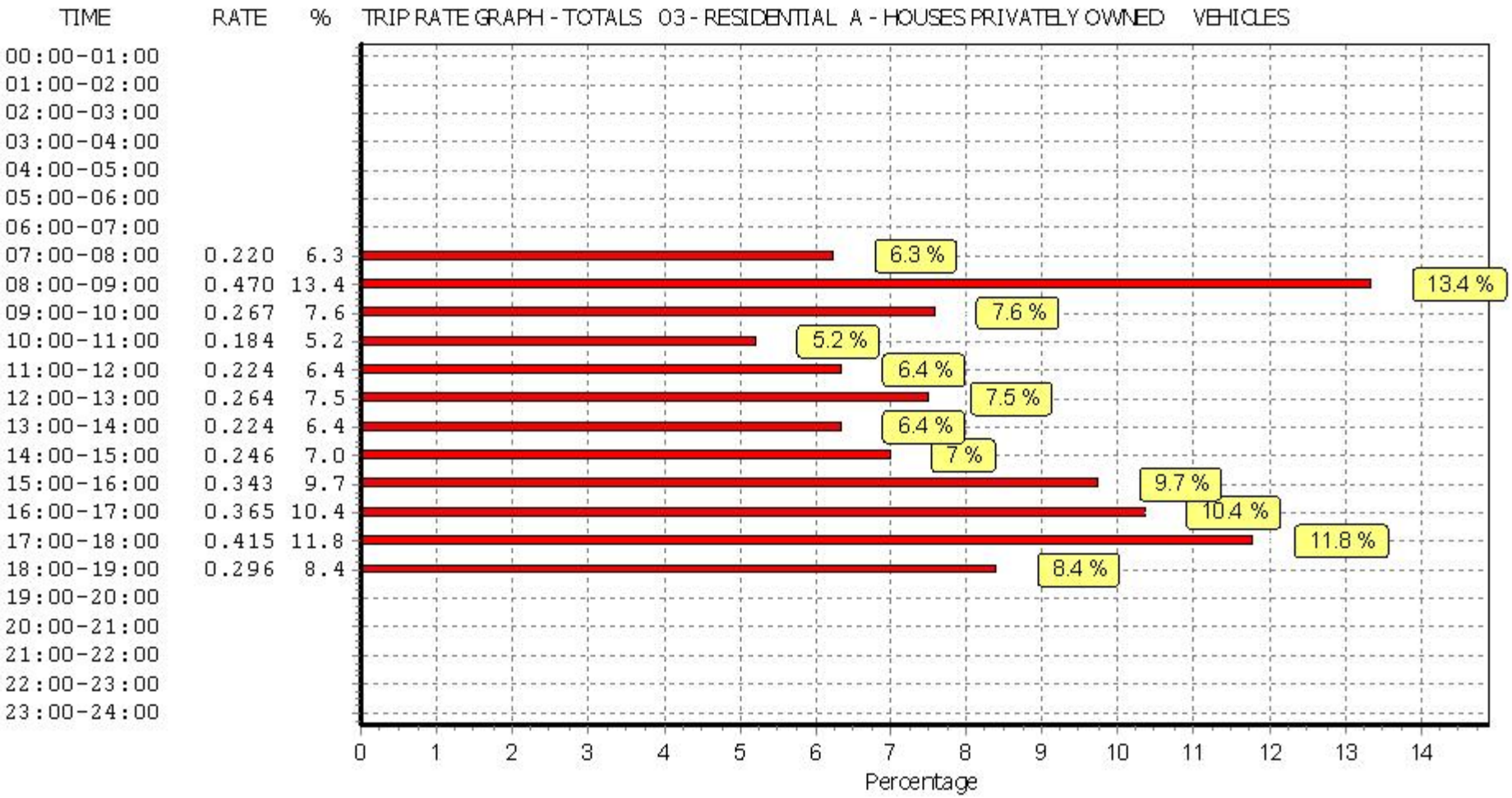


*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.*

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Filtering Summary

| | | |
|---|---|---|
| Land Use | 03/A | RESIDENTIAL/HOUSES PRIVATELY OWNED |
| Selected Trip Rate Calculation Parameter Range | 6-1500 DWELLS | |
| Actual Trip Rate Calculation Parameter Range | 7-363 DWELLS | |
| Date Range | Minimum: 01/01/10 | Maximum: 27/11/17 |
| Days of the week selected | Tuesday | 7 |
| | Wednesday | 5 |
| | Thursday | 2 |
| Main Location Types selected | Suburban Area (PPS6 Out of Centre) | 14 |
| Population <1 Mile ranges selected | 1,001 to 5,000 | 1 |
| | 5,001 to 10,000 | 4 |
| | 10,001 to 15,000 | 1 |
| | 15,001 to 20,000 | 3 |
| | 20,001 to 25,000 | 3 |
| | 25,001 to 50,000 | 2 |
| Population <5 Mile ranges selected | 25,001 to 50,000 | 1 |
| | 50,001 to 75,000 | 3 |
| | 75,001 to 100,000 | 4 |
| | 100,001 to 125,000 | 1 |
| | 125,001 to 250,000 | 4 |
| | 250,001 to 500,000 | 1 |
| Car Ownership <5 Mile ranges selected | 0.6 to 1.0 | 5 |
| | 1.1 to 1.5 | 9 |
| PTAL Rating | No PTAL Present | 14 |

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

*Selected regions and areas:*

| | | | |
|---|---|---|---|
| 02 | SOUTH EAST | | |
| | HC | HAMPSHIRE | 1 days |
| | KC | KENT | 2 days |
| | WS | WEST SUSSEX | 1 days |
| 03 | SOUTH WEST | | |
| | DV | DEVON | 1 days |
| | WL | WILTSHIRE | 1 days |
| 04 | EAST ANGLIA | | |
| | CA | CAMBRIDGESHIRE | 1 days |
| | NF | NORFOLK | 1 days |
| | SF | SUFFOLK | 1 days |
| 05 | EAST MIDLANDS | | |
| | LN | LINCOLNSHIRE | 1 days |
| 07 | YORKSHIRE & NORTH LINCOLNSHIRE | | |
| | NY | NORTH YORKSHIRE | 1 days |
| | SY | SOUTH YORKSHIRE | 1 days |
| 08 | NORTH WEST | | |
| | CH | CHESHIRE | 1 days |
| 09 | NORTH | | |
| | DH | DURHAM | 1 days |

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

Secondary Filtering selection:

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

Parameter: Number of dwellings
Actual Range: 7 to 363 (units: )
Range Selected by User: 6 to 1500 (units: )

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/10 to 27/11/17

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

*Selected survey days:*

| | |
|---|---|
| Tuesday | 7 days |
| Wednesday | 5 days |
| Thursday | 2 days |

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

*Selected survey types:*

| | |
|---|---|
| Manual count | 14 days |
| Directional ATC Count | 0 days |

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

*Selected Locations:*

| | |
|---|---|
| Suburban Area (PPS6 Out of Centre) | 14 |

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

*Selected Location Sub Categories:*

| | |
|---|---|
| Residential Zone | 14 |

*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:*

| | |
|---|---|
| C3 | 13 days |

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

*Population within 1 mile:*

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

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

*Population within 5 miles:*

| | |
|---|---|
| 25,001 to 50,000 | 1 days |
| 50,001 to 75,000 | 3 days |
| 75,001 to 100,000 | 4 days |
| 100,001 to 125,000 | 1 days |
| 125,001 to 250,000 | 4 days |
| 250,001 to 500,000 | 1 days |

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

*Car ownership within 5 miles:*

| | |
|---|---|
| 0.6 to 1.0 | 5 days |
| 1.1 to 1.5 | 9 days |

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

*Travel Plan:*

| | |
|---|---|
| Yes | 2 days |
| No | 12 days |

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

*PTAL Rating:*

| | |
|---|---|
| No PTAL Present | 14 days |

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

*LIST OF SITES relevant to selection parameters*

| | | | |
|---|---|---|---|
| Site(1): | CA-03-A-04 | Site area: | 0.48 hect |
| Development Name: | DETACHED | Number of dwellings: | 9 |
| Location: | PETERBOROUGH | Housing density: | 21 |
| Postcode: | PE3 6LQ | Total Bedrooms: | 35 |
| Main Location Type: | Suburban Area (PPS6 Out of Centre) | Survey Date: | 18/10/11 |
| Sub-Location Type: | Residential Zone | Survey Day: | Tuesday |
| PTAL: | n/a | Parking Spaces: | 22 |
| Site(2): | CH-03-A-08 | Site area: | 0.48 hect |
| Development Name: | DETACHED | Number of dwellings: | 11 |
| Location: | CHESTER | Housing density: | 37 |
| Postcode: | CH3 5JZ | Total Bedrooms: | 44 |
| Main Location Type: | Suburban Area (PPS6 Out of Centre) | Survey Date: | 22/05/12 |
| Sub-Location Type: | Residential Zone | Survey Day: | Tuesday |
| PTAL: | n/a | Parking Spaces: | 52 |
| Site(3): | DH-03-A-01 | Site area: | 0.90 hect |
| Development Name: | SEMI DETACHED | Number of dwellings: | 50 |
| Location: | BISHOP AUCKLAND | Housing density: | 94 |
| Postcode: | DL14 6RH | Total Bedrooms: | 150 |
| Main Location Type: | Suburban Area (PPS6 Out of Centre) | Survey Date: | 28/03/17 |
| Sub-Location Type: | Residential Zone | Survey Day: | Tuesday |
| PTAL: | n/a | Parking Spaces: | 87 |
| Site(4): | DV-03-A-01 | Site area: | 1.25 hect |
| Development Name: | TERRACED HOUSES | Number of dwellings: | 37 |
| Location: | TORQUAY | Housing density: | 53 |
| Postcode: | TQ1 3HR | Total Bedrooms: | 111 |
| Main Location Type: | Suburban Area (PPS6 Out of Centre) | Survey Date: | 30/09/15 |
| Sub-Location Type: | Residential Zone | Survey Day: | Wednesday |
| PTAL: | n/a | Parking Spaces: | 103 |
| Site(5): | HC-03-A-18 | Site area: | 1.40 hect |
| Development Name: | HOUSES & FLATS | Number of dwellings: | 62 |
| Location: | LIPHOOK | Housing density: | 46 |
| Postcode: | GU30 7TG | Total Bedrooms: | 205 |
| Main Location Type: | Suburban Area (PPS6 Out of Centre) | Survey Date: | 29/11/16 |
| Sub-Location Type: | Residential Zone | Survey Day: | Tuesday |
| PTAL: | n/a | Parking Spaces: | 136 |
| Site(6): | KC-03-A-03 | Site area: | 1.38 hect |
| Development Name: | MIXED HOUSES & FLATS | Number of dwellings: | 51 |
| Location: | ASHFORD | Housing density: | 66 |
| Postcode: | TN24 0FR | Total Bedrooms: | 157 |
| Main Location Type: | Suburban Area (PPS6 Out of Centre) | Survey Date: | 14/07/16 |
| Sub-Location Type: | Residential Zone | Survey Day: | Thursday |
| PTAL: | n/a | Parking Spaces: | 110 |
| Site(7): | KC-03-A-06 | Site area: | 8.00 hect |
| Development Name: | MIXED HOUSES & FLATS | Number of dwellings: | 363 |
| Location: | HERNE BAY | Housing density: | 73 |
| Postcode: | CT6 6DF | Total Bedrooms: | 1007 |
| Main Location Type: | Suburban Area (PPS6 Out of Centre) | Survey Date: | 27/09/17 |
| Sub-Location Type: | Residential Zone | Survey Day: | Wednesday |
| PTAL: | n/a | Parking Spaces: | 789 |
| Site(8): | LN-03-A-03 | Site area: | 0.77 hect |
| Development Name: | SEMI DETACHED | Number of dwellings: | 22 |
| Location: | LINCOLN | Housing density: | 29 |
| Postcode: | LN6 7PL | Total Bedrooms: | 58 |
| Main Location Type: | Suburban Area (PPS6 Out of Centre) | Survey Date: | 18/09/12 |
| Sub-Location Type: | Residential Zone | Survey Day: | Tuesday |
| PTAL: | n/a | Parking Spaces: | 24 |
| Site(9): | NF-03-A-01 | Site area: | 1.49 hect |
| Development Name: | SEMI DET. & BUNGALOWS | Number of dwellings: | 27 |
| Location: | CAISTER-ON-SEA | Housing density: | 19 |
| Postcode: | NR30 5BX | Total Bedrooms: | 66 |
| Main Location Type: | Suburban Area (PPS6 Out of Centre) | Survey Date: | 16/10/12 |
| Sub-Location Type: | Residential Zone | Survey Day: | Tuesday |
| PTAL: | n/a | Parking Spaces: | 64 |
| Site(10): | NY-03-A-13 | Site area: | 0.30 hect |
| Development Name: | TERRACED HOUSES | Number of dwellings: | 10 |
| Location: | CATTERICK GARRISON | Housing density: | 33 |
| Postcode: | DL9 4SB | Total Bedrooms: | 32 |
| Main Location Type: | Suburban Area (PPS6 Out of Centre) | Survey Date: | 10/05/17 |
| Sub-Location Type: | Residential Zone | Survey Day: | Wednesday |
| PTAL: | n/a | Parking Spaces: | 19 |

*LIST OF SITES relevant to selection parameters (Cont.)*

| | | | |
|---|---|---|---|
| Site(11): | SF-03-A-04 | Site area: | 0.59 hect |
| Development Name: | DETACHED & BUNGALOWS | Number of dwellings: | 7 |
| Location: | LOWESTOFT | Housing density: | 15 |
| Postcode: | NR32 2PQ | Total Bedrooms: | 7 |
| Main Location Type: | Suburban Area (PPS6 Out of Centre) | Survey Date: | 23/10/12 |
| Sub-Location Type: | Residential Zone | Survey Day: | Tuesday |
| PTAL: | n/a | Parking Spaces: | 31 |

| | | | |
|---|---|---|---|
| Site(12): | SY-03-A-01 | Site area: | 1.73 hect |
| Development Name: | SEMI DETACHED HOUSES | Number of dwellings: | 54 |
| Location: | DONCASTER | Housing density: | 34 |
| Postcode: | DN5 9TD | Total Bedrooms: | 162 |
| Main Location Type: | Suburban Area (PPS6 Out of Centre) | Survey Date: | 18/09/13 |
| Sub-Location Type: | Residential Zone | Survey Day: | Wednesday |
| PTAL: | n/a | Parking Spaces: | 61 |

| | | | |
|---|---|---|---|
| Site(13): | WL-03-A-02 | Site area: | 1.16 hect |
| Development Name: | SEMI DETACHED | Number of dwellings: | 27 |
| Location: | SWINDON | Housing density: | 25 |
| Postcode: | SN2 7HT | Total Bedrooms: | 91 |
| Main Location Type: | Suburban Area (PPS6 Out of Centre) | Survey Date: | 22/09/16 |
| Sub-Location Type: | Residential Zone | Survey Day: | Thursday |
| PTAL: | n/a | Parking Spaces: | 122 |

| | | | |
|---|---|---|---|
| Site(14): | WS-03-A-05 | Site area: | 1.61 hect |
| Development Name: | TERRACED & FLATS | Number of dwellings: | 48 |
| Location: | SHOREHAM BY SEA | Housing density: | 50 |
| Postcode: | BN43 6TQ | Total Bedrooms: | 129 |
| Main Location Type: | Suburban Area (PPS6 Out of Centre) | Survey Date: | 18/04/12 |
| Sub-Location Type: | Residential Zone | Survey Day: | Wednesday |
| PTAL: | n/a | Parking Spaces: | 132 |

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

| | ARRIVALS | | | DEPARTURES | | | TOTALS | | |
|---|---|---|---|---|---|---|---|---|---|
| Time Range | No. Days | Ave. DWELLS | Trip Rate | No. Days | Ave. DWELLS | Trip Rate | No. Days | Ave. DWELLS | Trip Rate |
| 00:00 - 01:00 | | | | | | | | | |
| 01:00 - 02:00 | | | | | | | | | |
| 02:00 - 03:00 | | | | | | | | | |
| 03:00 - 04:00 | | | | | | | | | |
| 04:00 - 05:00 | | | | | | | | | |
| 05:00 - 06:00 | | | | | | | | | |
| 06:00 - 07:00 | | | | | | | | | |
| 07:00 - 08:00 | 14 | 56 | 0.077 | 14 | 56 | 0.333 | 14 | 56 | 0.410 |
| 08:00 - 09:00 | 14 | 56 | 0.109 | 14 | 56 | 0.378 | 14 | 56 | 0.487 |
| 09:00 - 10:00 | 14 | 56 | 0.134 | 14 | 56 | 0.152 | 14 | 56 | 0.286 |
| 10:00 - 11:00 | 14 | 56 | 0.126 | 14 | 56 | 0.157 | 14 | 56 | 0.283 |
| 11:00 - 12:00 | 14 | 56 | 0.147 | 14 | 56 | 0.134 | 14 | 56 | 0.281 |
| 12:00 - 13:00 | 14 | 56 | 0.162 | 14 | 56 | 0.161 | 14 | 56 | 0.323 |
| 13:00 - 14:00 | 14 | 56 | 0.167 | 14 | 56 | 0.174 | 14 | 56 | 0.341 |
| 14:00 - 15:00 | 14 | 56 | 0.156 | 14 | 56 | 0.198 | 14 | 56 | 0.354 |
| 15:00 - 16:00 | 14 | 56 | 0.231 | 14 | 56 | 0.167 | 14 | 56 | 0.398 |
| 16:00 - 17:00 | 14 | 56 | 0.310 | 14 | 56 | 0.184 | 14 | 56 | 0.494 |
| 17:00 - 18:00 | 14 | 56 | 0.379 | 14 | 56 | 0.183 | 14 | 56 | 0.562 |
| 18:00 - 19:00 | 14 | 56 | 0.293 | 14 | 56 | 0.189 | 14 | 56 | 0.482 |
| 19:00 - 20:00 | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | |
| Total Rates: | | | 2.291 | | | 2.410 | | | 4.701 |

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

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

Parameter summary

| | |
|---|---|
| Trip rate parameter range selected: | 7 - 363 (units: ) |
| Survey date date range: | 01/01/10 - 27/11/17 |
| Number of weekdays (Monday-Friday): | 14 |
| Number of Saturdays: | 0 |
| Number of Sundays: | 0 |
| Surveys automatically removed from selection: | 1 |
| Surveys manually removed from selection: | 0 |

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

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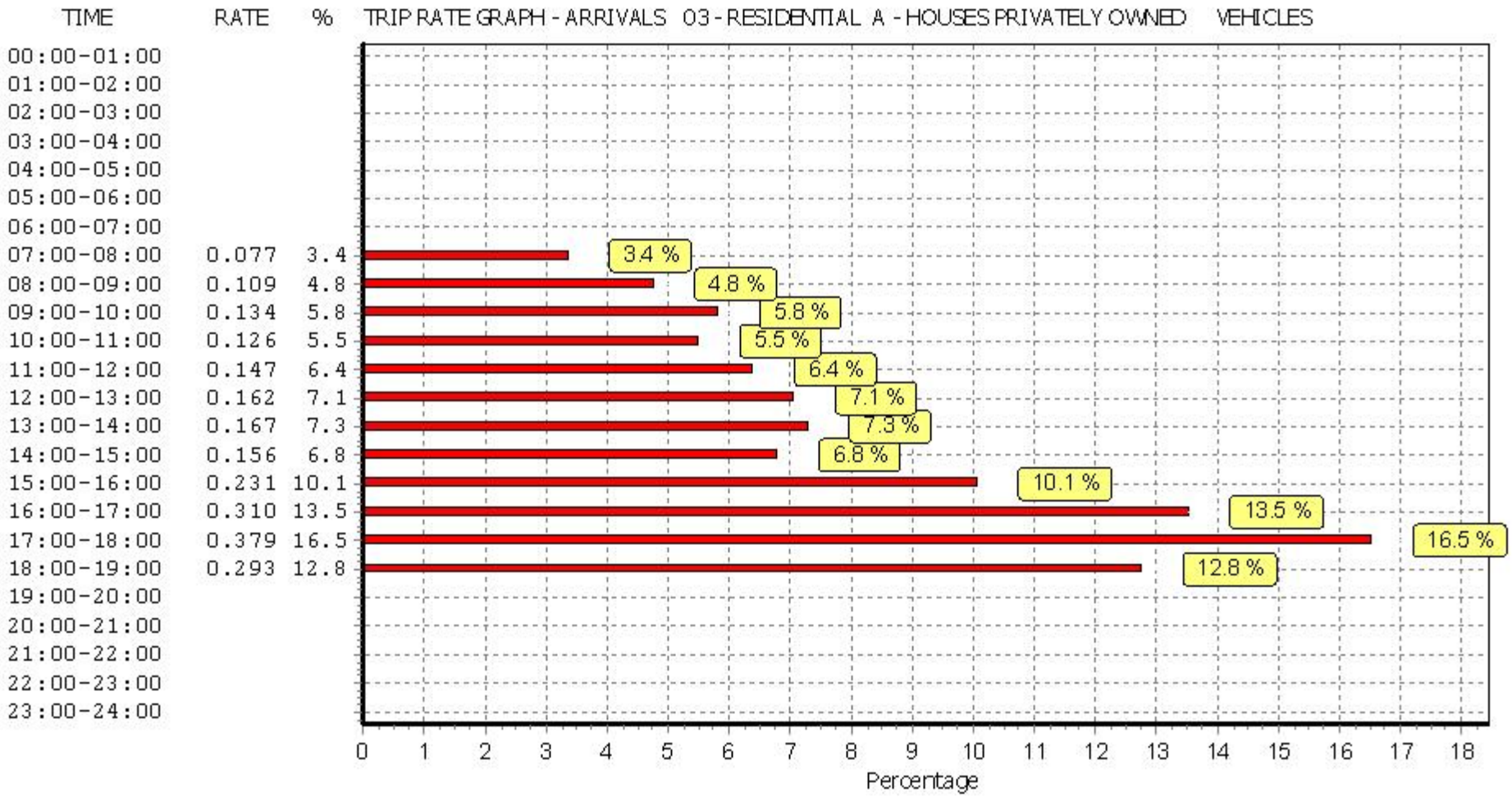
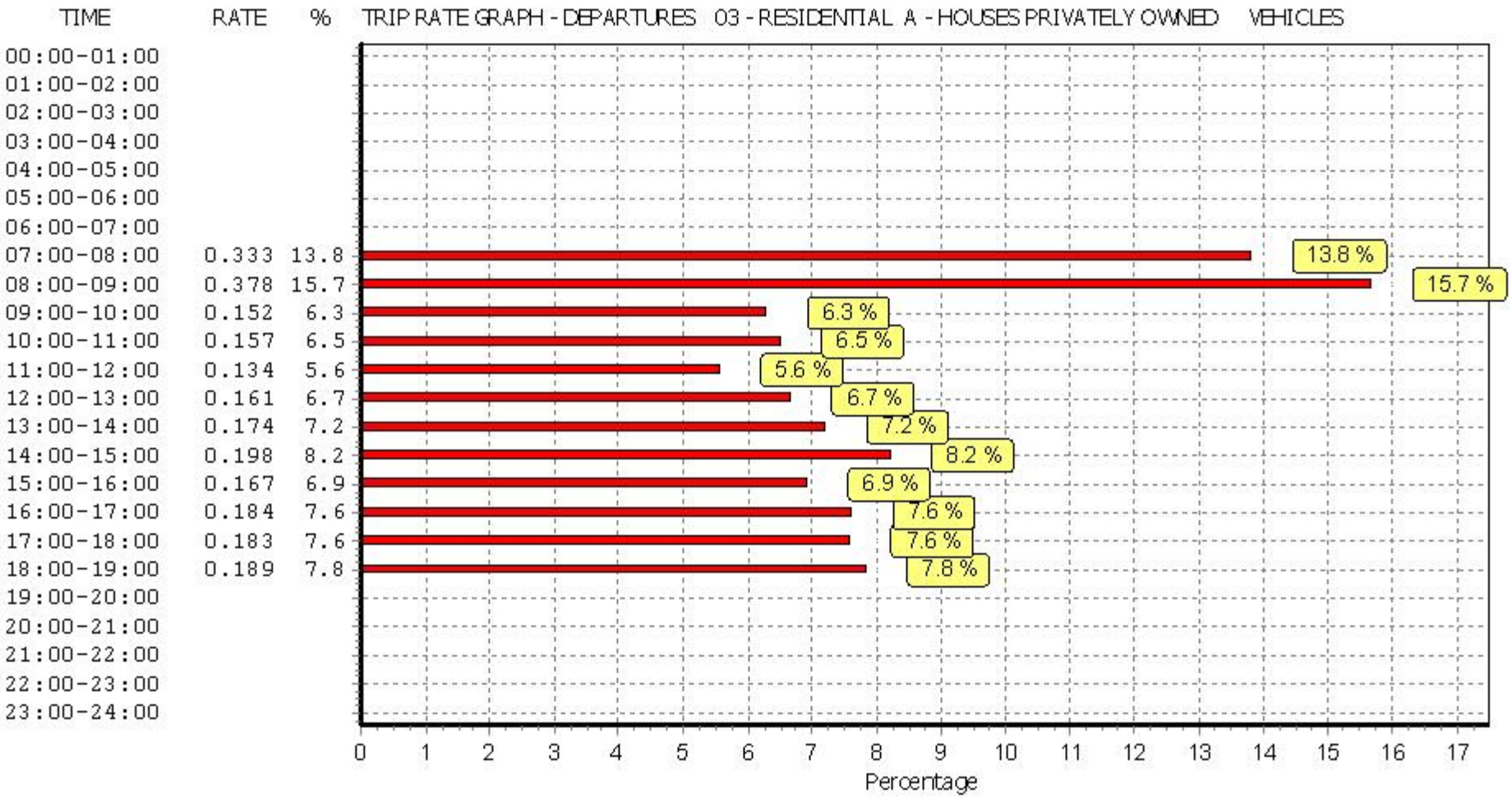



*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.*

Peter Brett Associates Caversham Bridge House Reading Licence No: 706701




*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.*

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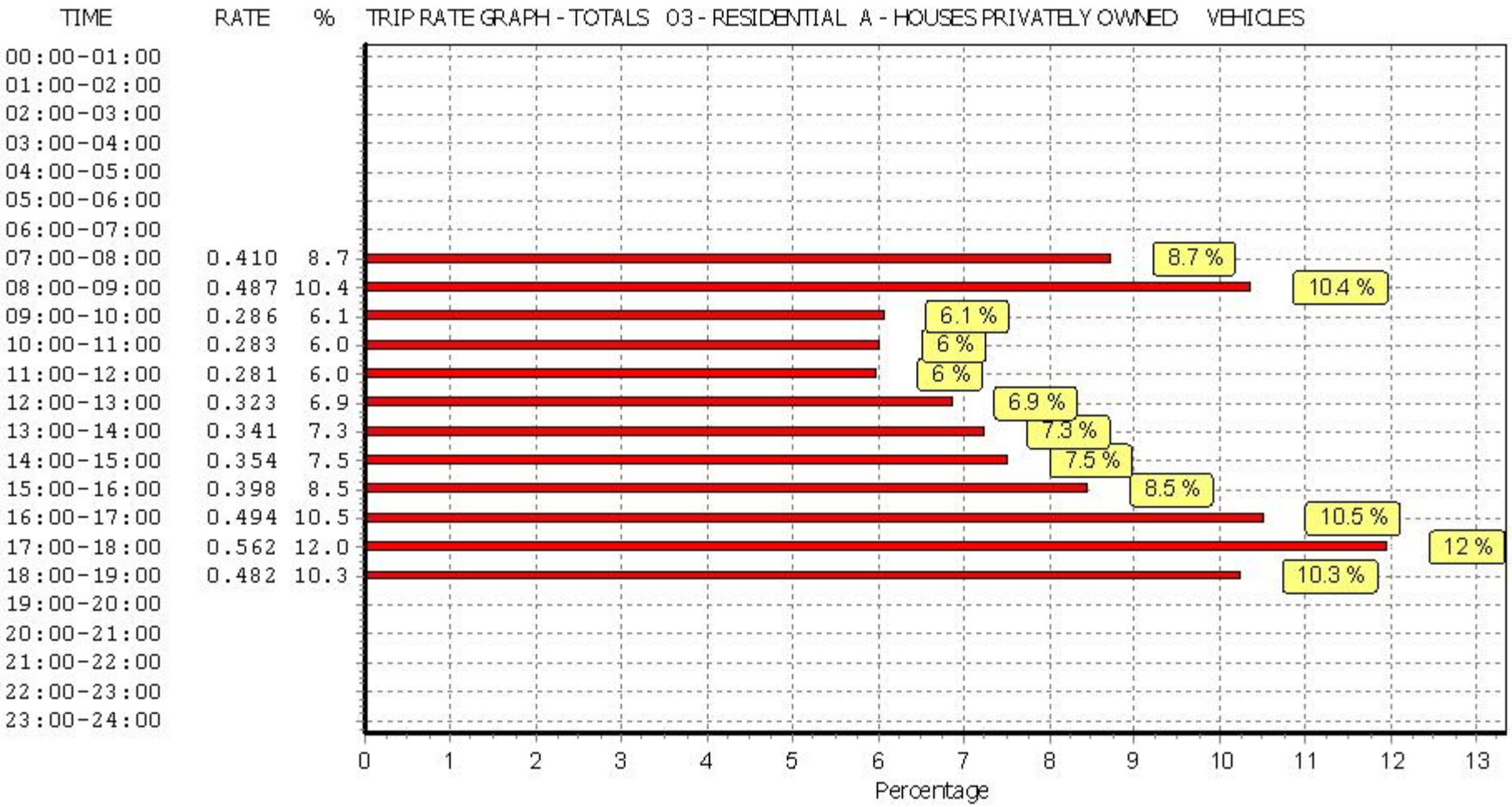


*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.*

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Filtering Summary

| | | |
|---|---|---|
| Land Use | 02/B | EMPLOYMENT/BUSINESS PARK |
| Selected Trip Rate Calculation Parameter Range | 975-132084 sqm GFA | |
| Actual Trip Rate Calculation Parameter Range | 3300-55000 sqm GFA | |
| Date Range | Minimum: 01/01/10 | Maximum: 22/11/17 |
| Days of the week selected | Thursday<br>Friday | 1<br>3 |
| Main Location Types selected | Suburban Area (PPS6 Out of Centre) | 4 |
| Population <1 Mile ranges selected | 20,001 to 25,000<br>25,001 to 50,000 | 1<br>3 |
| Population <5 Mile ranges selected | 250,001 to 500,000<br>500,001 or More | 3<br>1 |
| Car Ownership <5 Mile ranges selected | 0.6 to 1.0 | 4 |
| PTAL Rating | No PTAL Present | 4 |

Calculation Reference: AUDIT-706701-180726-0734

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

*Selected regions and areas:*

| | | | |
|---|---|---|---|
| 02 | SOUTH EAST | | |
| | HC | HAMPSHIRE | 1 days |
| 07 | YORKSHIRE & NORTH LINCOLNSHIRE | | |
| | WY | WEST YORKSHIRE | 1 days |
| 08 | NORTH WEST | | |
| | GM | GREATER MANCHESTER | 1 days |
| 09 | NORTH | | |
| | TW | TYNE & WEAR | 1 days |

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

Secondary Filtering selection:

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

Parameter: Gross floor area
Actual Range: 3300 to 55000 (units: sqm)
Range Selected by User: 975 to 132084 (units: sqm)

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/10 to 22/11/17

*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:*

| | |
|---|---|
| Thursday | 1 days |
| Friday | 3 days |

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

*Selected survey types:*

| | |
|---|---|
| Manual count | 4 days |
| Directional ATC Count | 0 days |

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

*Selected Locations:*

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

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

*Selected Location Sub Categories:*

| | |
|---|---|
| Industrial Zone | 2 |
| No Sub Category | 2 |

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

Secondary Filtering selection:

*Use Class:*

| | |
|---|---|
| B1 | 4 days |

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

Secondary Filtering selection (Cont.):

*Population within 1 mile:*

| | |
|---|---|
| 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:*

| | |
|---|---|
| 250,001 to 500,000 | 3 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 |

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

*Travel Plan:*

| | |
|---|---|
| No | 4 days |

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

*PTAL Rating:*

| | |
|---|---|
| No PTAL Present | 4 days |

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

*LIST OF SITES relevant to selection parameters*

| | | | |
|---|---|---|---|
| Site(1): | GM-02-B-04 | Gross floor area: | 3300 sqm |
| Development Name: | BUSINESS PARK | | |
| Location: | OLDHAM | Parking spaces: | 92 |
| Postcode: | OL2 6HT | Number of Employees: | 166 |
| Main Location Type: | Suburban Area (PPS6 Out of Centre) | Survey Date: | 22/10/15 |
| Sub-Location Type: | Industrial Zone | Survey Day: | Thursday |
| PTAL: | n/a | | |

| | | | |
|---|---|---|---|
| Site(2): | HC-02-B-02 | Gross floor area: | 55000 sqm |
| Development Name: | BUSINESS PARK | | |
| Location: | PORTSMOUTH | Parking spaces: | 2732 |
| Postcode: | PO6 3EZ | Number of Employees: | 2800 |
| Main Location Type: | Suburban Area (PPS6 Out of Centre) | Survey Date: | 18/10/13 |
| Sub-Location Type: | No Sub Category | Survey Day: | Friday |
| PTAL: | n/a | | |

| | | | |
|---|---|---|---|
| Site(3): | TW-02-B-05 | Gross floor area: | 7926 sqm |
| Development Name: | BUSINESS PARK | | |
| Location: | NEWCASTLE | Parking spaces: | 229 |
| Postcode: | NE4 7YB | Number of Employees: | 400 |
| Main Location Type: | Suburban Area (PPS6 Out of Centre) | Survey Date: | 13/11/15 |
| Sub-Location Type: | No Sub Category | Survey Day: | Friday |
| PTAL: | n/a | | |

| | | | |
|---|---|---|---|
| Site(4): | WY-02-B-01 | Gross floor area: | 4078 sqm |
| Development Name: | BUSINESS PARK | | |
| Location: | LEEDS | Parking spaces: | 75 |
| Postcode: | LS8 5DR | Number of Employees: | 120 |
| Main Location Type: | Suburban Area (PPS6 Out of Centre) | Survey Date: | 20/09/13 |
| Sub-Location Type: | Industrial Zone | Survey Day: | Friday |
| PTAL: | n/a | | |

| Trip Rates for Key Periods | | Trips per 100 sqm GFA | |
|---|---|---|---|
| Period | Inbound | Outbound | Total |
| 0800-0900 | 1.686 | 0.169 | 1.855 |
| 1700-1800 | 0.124 | 1.273 | 1.397 |

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

| | ARRIVALS | | | DEPARTURES | | | TOTALS | | |
|---|---|---|---|---|---|---|---|---|---|
| Time Range | No. Days | Ave. GFA | Trip Rate | No. Days | Ave. GFA | Trip Rate | No. Days | Ave. GFA | Trip Rate |
| 00:00 - 01:00 | | | | | | | | | |
| 01:00 - 02:00 | | | | | | | | | |
| 02:00 - 03:00 | | | | | | | | | |
| 03:00 - 04:00 | | | | | | | | | |
| 04:00 - 05:00 | | | | | | | | | |
| 05:00 - 06:00 | | | | | | | | | |
| 06:00 - 07:00 | | | | | | | | | |
| 07:00 - 08:00 | 4 | 17576 | 0.568 | 4 | 17576 | 0.084 | 4 | 17576 | 0.652 |
| 08:00 - 09:00 | 4 | 17576 | 1.686 | 4 | 17576 | 0.169 | 4 | 17576 | 1.855 |
| 09:00 - 10:00 | 4 | 17576 | 0.667 | 4 | 17576 | 0.233 | 4 | 17576 | 0.900 |
| 10:00 - 11:00 | 4 | 17576 | 0.216 | 4 | 17576 | 0.135 | 4 | 17576 | 0.351 |
| 11:00 - 12:00 | 4 | 17576 | 0.222 | 4 | 17576 | 0.236 | 4 | 17576 | 0.458 |
| 12:00 - 13:00 | 4 | 17576 | 0.283 | 4 | 17576 | 0.455 | 4 | 17576 | 0.738 |
| 13:00 - 14:00 | 4 | 17576 | 0.340 | 4 | 17576 | 0.350 | 4 | 17576 | 0.690 |
| 14:00 - 15:00 | 4 | 17576 | 0.290 | 4 | 17576 | 0.283 | 4 | 17576 | 0.573 |
| 15:00 - 16:00 | 4 | 17576 | 0.174 | 4 | 17576 | 0.403 | 4 | 17576 | 0.577 |
| 16:00 - 17:00 | 4 | 17576 | 0.189 | 4 | 17576 | 0.622 | 4 | 17576 | 0.811 |
| 17:00 - 18:00 | 4 | 17576 | 0.124 | 4 | 17576 | 1.273 | 4 | 17576 | 1.397 |
| 18:00 - 19:00 | 4 | 17576 | 0.040 | 4 | 17576 | 0.432 | 4 | 17576 | 0.472 |
| 19:00 - 20:00 | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | |
| Total Rates: | | | 4.799 | | | 4.675 | | | 9.474 |

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

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

Parameter summary

| | |
|---|---|
| Trip rate parameter range selected: | 3300 - 55000 (units: sqm) |
| Survey date date range: | 01/01/10 - 22/11/17 |
| Number of weekdays (Monday-Friday): | 4 |
| Number of Saturdays: | 0 |
| Number of Sundays: | 0 |
| Surveys automatically removed from selection: | 0 |
| Surveys manually removed from selection: | 0 |

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

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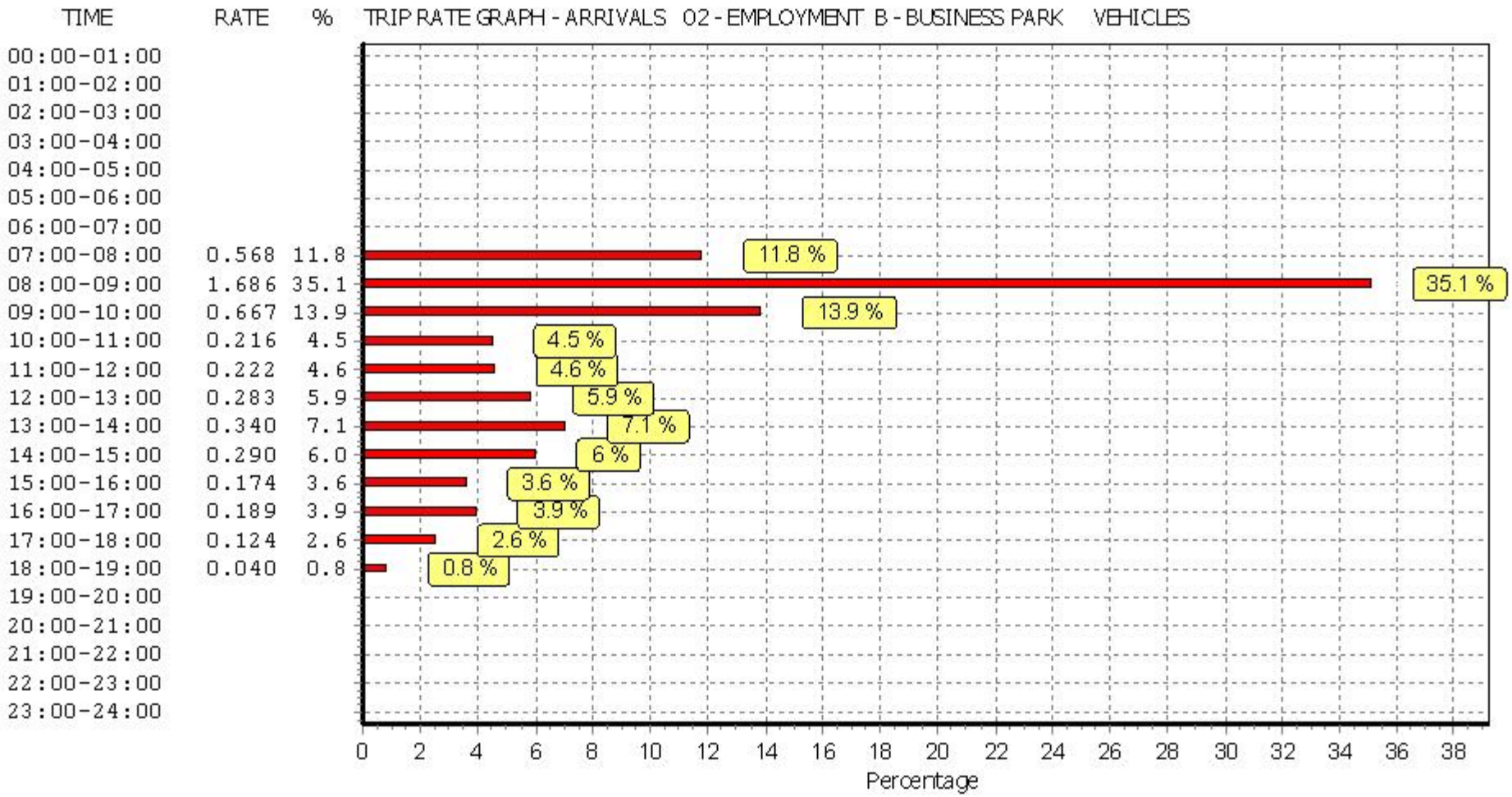


*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.*

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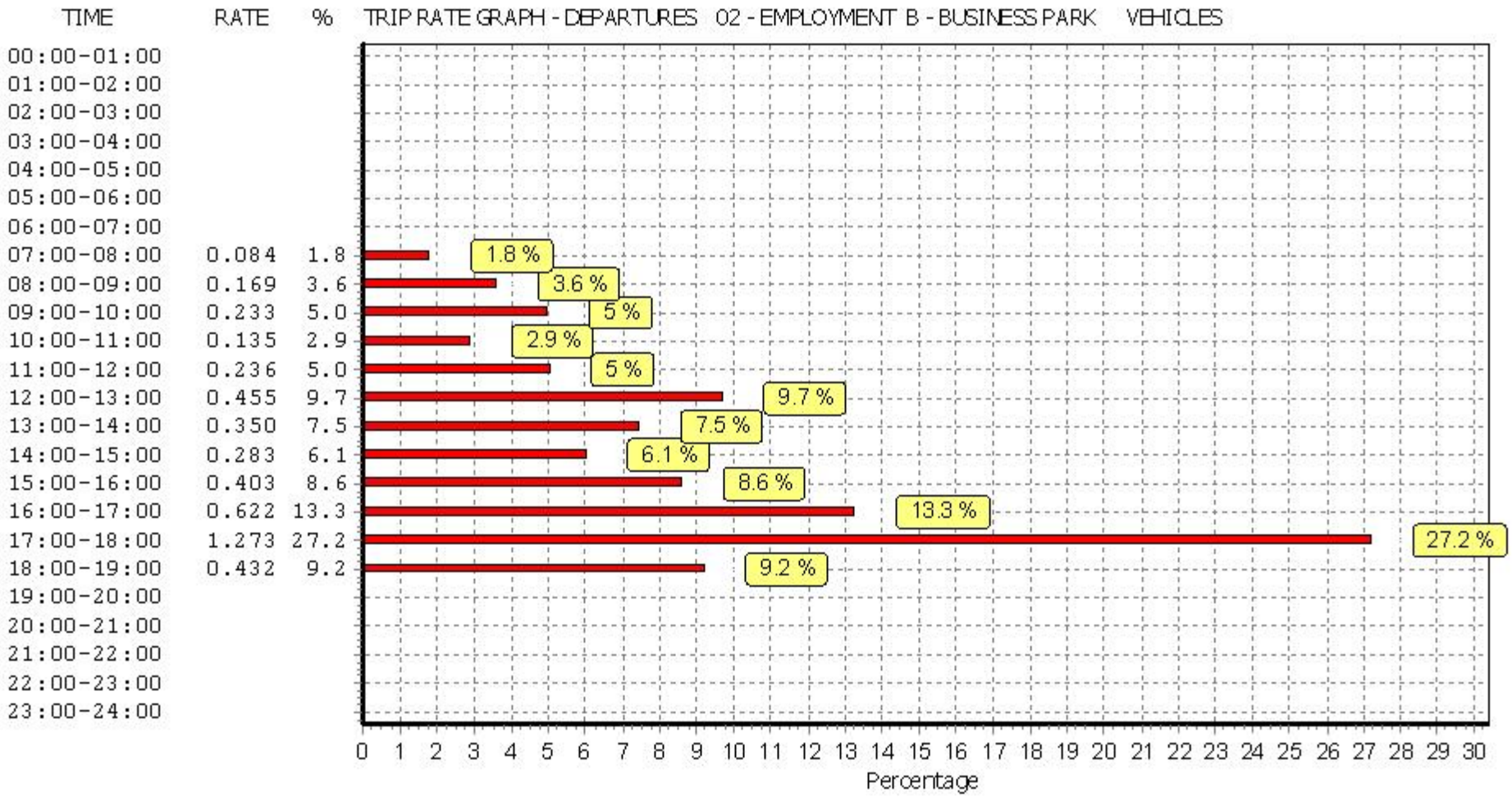
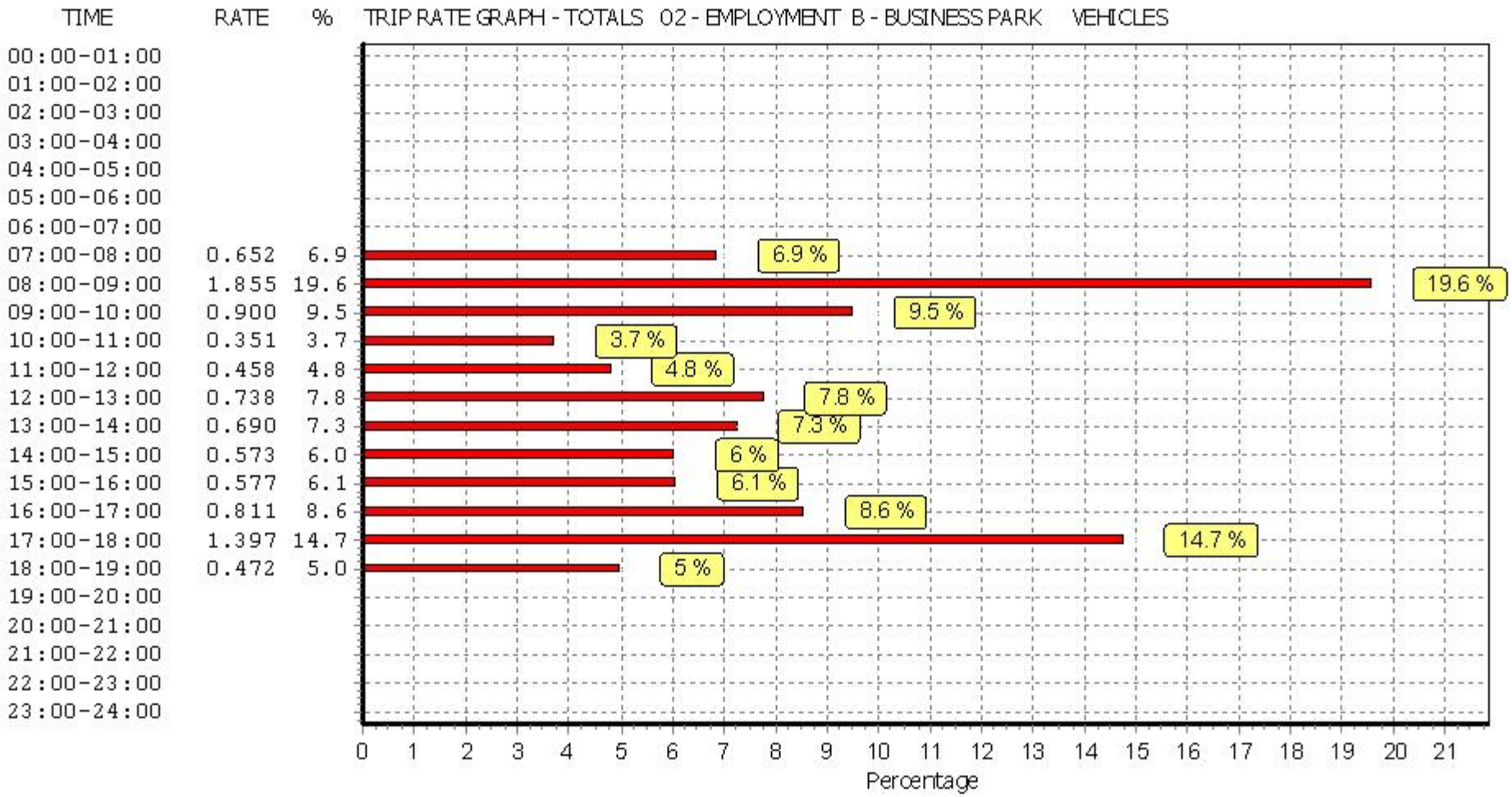



*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.*

Peter Brett Associates Caversham Bridge House Reading Licence No: 706701




*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.*

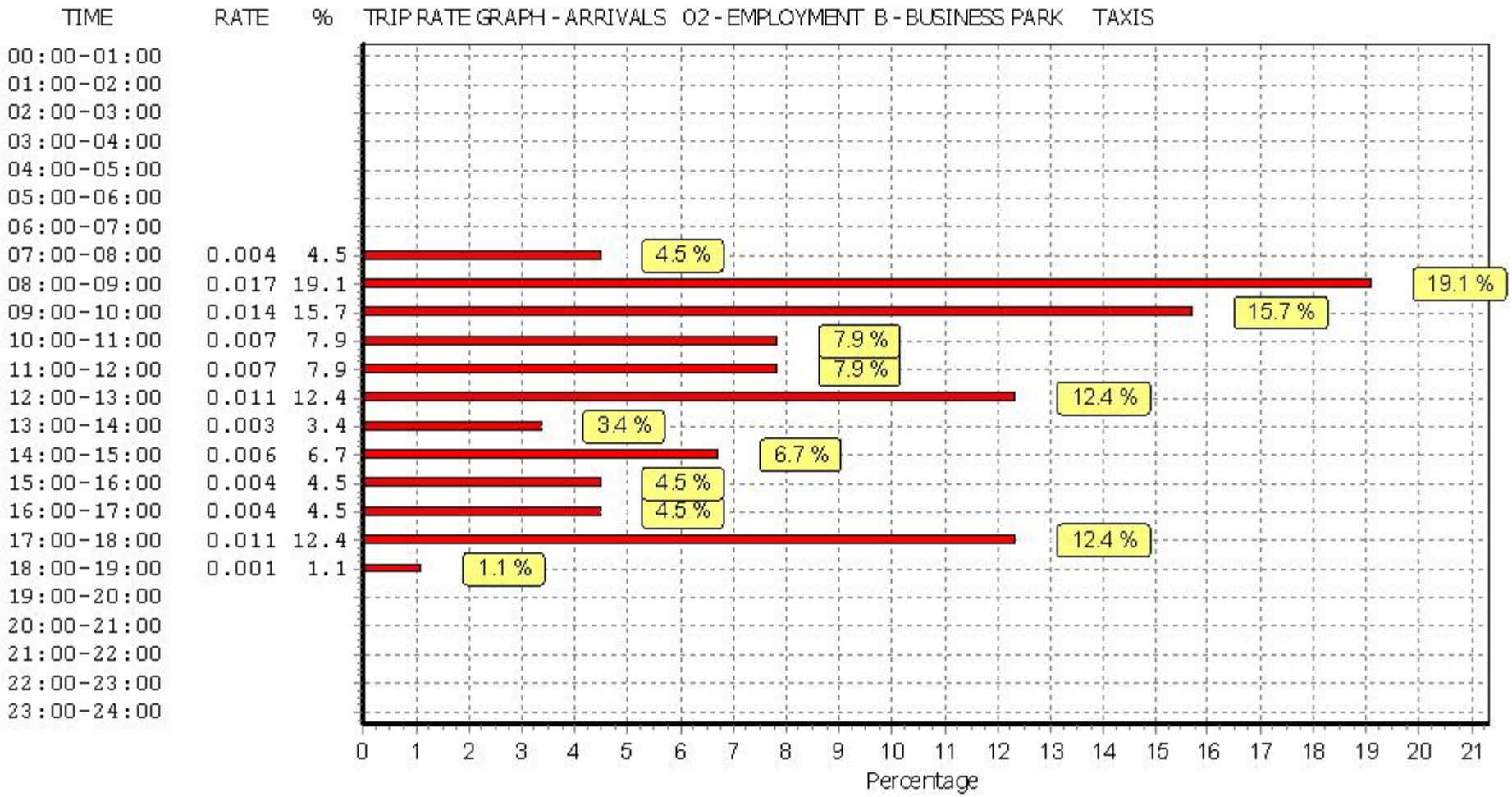
TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK
TAXIS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

| | ARRIVALS | | | DEPARTURES | | | TOTALS | | |
|---|---|---|---|---|---|---|---|---|---|
| Time Range | No. Days | Ave. GFA | Trip Rate | No. Days | Ave. GFA | Trip Rate | No. Days | Ave. GFA | Trip Rate |
| 00:00 - 01:00 | | | | | | | | | |
| 01:00 - 02:00 | | | | | | | | | |
| 02:00 - 03:00 | | | | | | | | | |
| 03:00 - 04:00 | | | | | | | | | |
| 04:00 - 05:00 | | | | | | | | | |
| 05:00 - 06:00 | | | | | | | | | |
| 06:00 - 07:00 | | | | | | | | | |
| 07:00 - 08:00 | 4 | 17576 | 0.004 | 4 | 17576 | 0.004 | 4 | 17576 | 0.008 |
| 08:00 - 09:00 | 4 | 17576 | 0.017 | 4 | 17576 | 0.017 | 4 | 17576 | 0.034 |
| 09:00 - 10:00 | 4 | 17576 | 0.014 | 4 | 17576 | 0.014 | 4 | 17576 | 0.028 |
| 10:00 - 11:00 | 4 | 17576 | 0.007 | 4 | 17576 | 0.006 | 4 | 17576 | 0.013 |
| 11:00 - 12:00 | 4 | 17576 | 0.007 | 4 | 17576 | 0.009 | 4 | 17576 | 0.016 |
| 12:00 - 13:00 | 4 | 17576 | 0.011 | 4 | 17576 | 0.010 | 4 | 17576 | 0.021 |
| 13:00 - 14:00 | 4 | 17576 | 0.003 | 4 | 17576 | 0.004 | 4 | 17576 | 0.007 |
| 14:00 - 15:00 | 4 | 17576 | 0.006 | 4 | 17576 | 0.006 | 4 | 17576 | 0.012 |
| 15:00 - 16:00 | 4 | 17576 | 0.004 | 4 | 17576 | 0.004 | 4 | 17576 | 0.008 |
| 16:00 - 17:00 | 4 | 17576 | 0.004 | 4 | 17576 | 0.003 | 4 | 17576 | 0.007 |
| 17:00 - 18:00 | 4 | 17576 | 0.011 | 4 | 17576 | 0.013 | 4 | 17576 | 0.024 |
| 18:00 - 19:00 | 4 | 17576 | 0.001 | 4 | 17576 | 0.001 | 4 | 17576 | 0.002 |
| 19:00 - 20:00 | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | |
| Total Rates: | | | 0.089 | | | 0.091 | | | 0.180 |

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

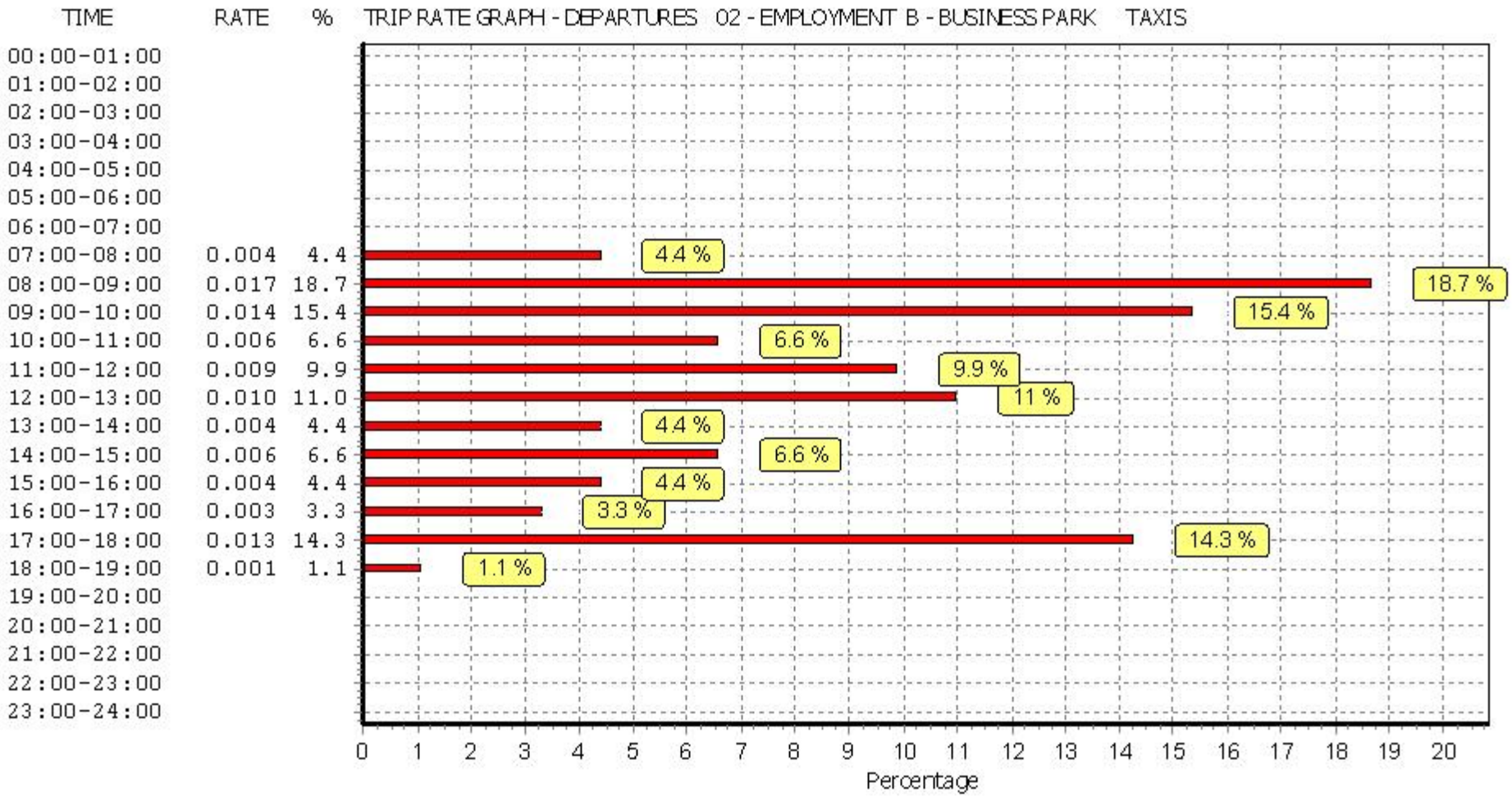
*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected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

Peter Brett Associates Caversham Bridge House Reading Licence No: 706701



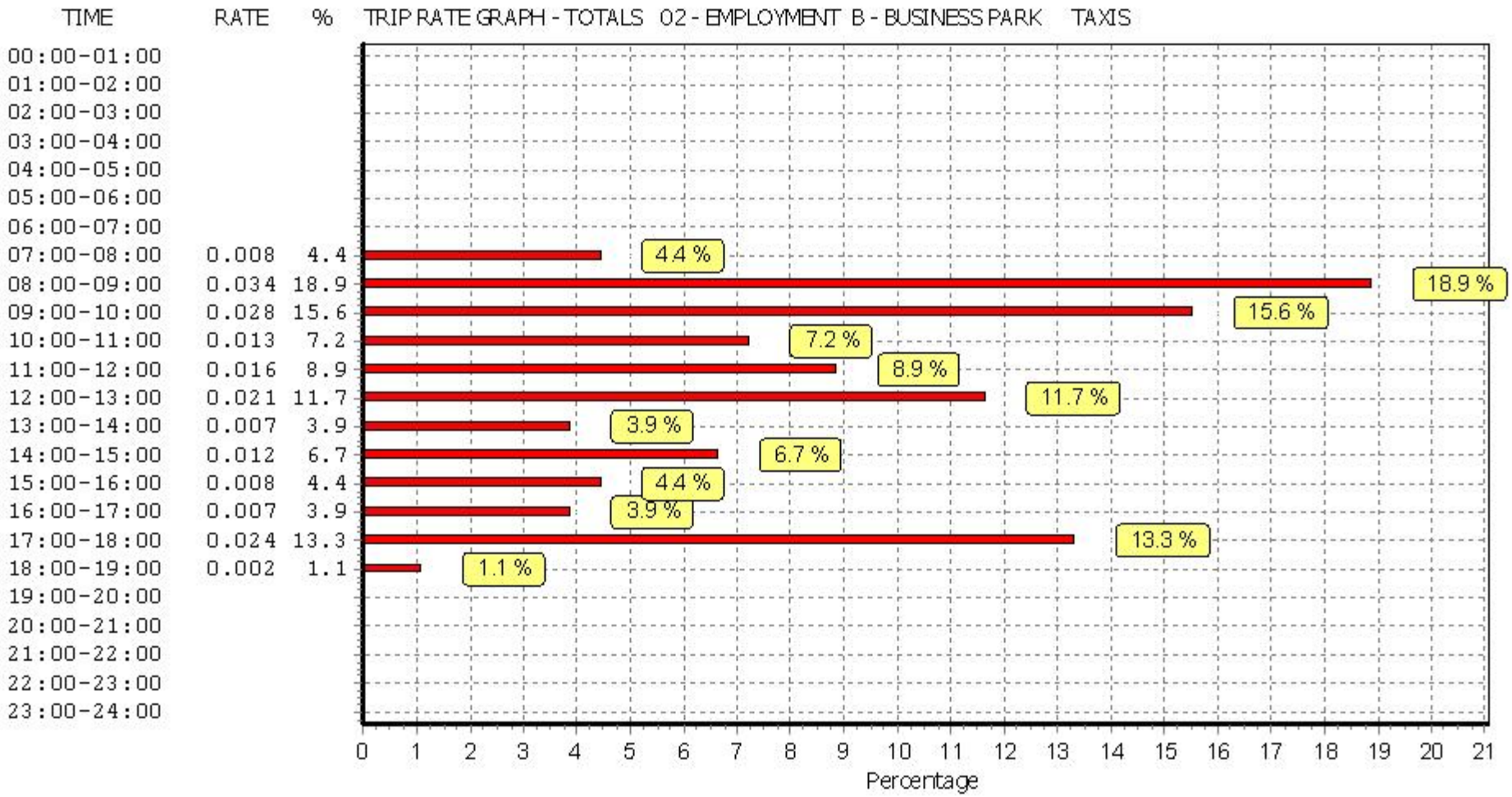

*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.*

Peter Brett Associates Caversham Bridge House Reading Licence No: 706701




*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.*

Peter Brett Associates Caversham Bridge House Reading Licence No: 706701




*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.*

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

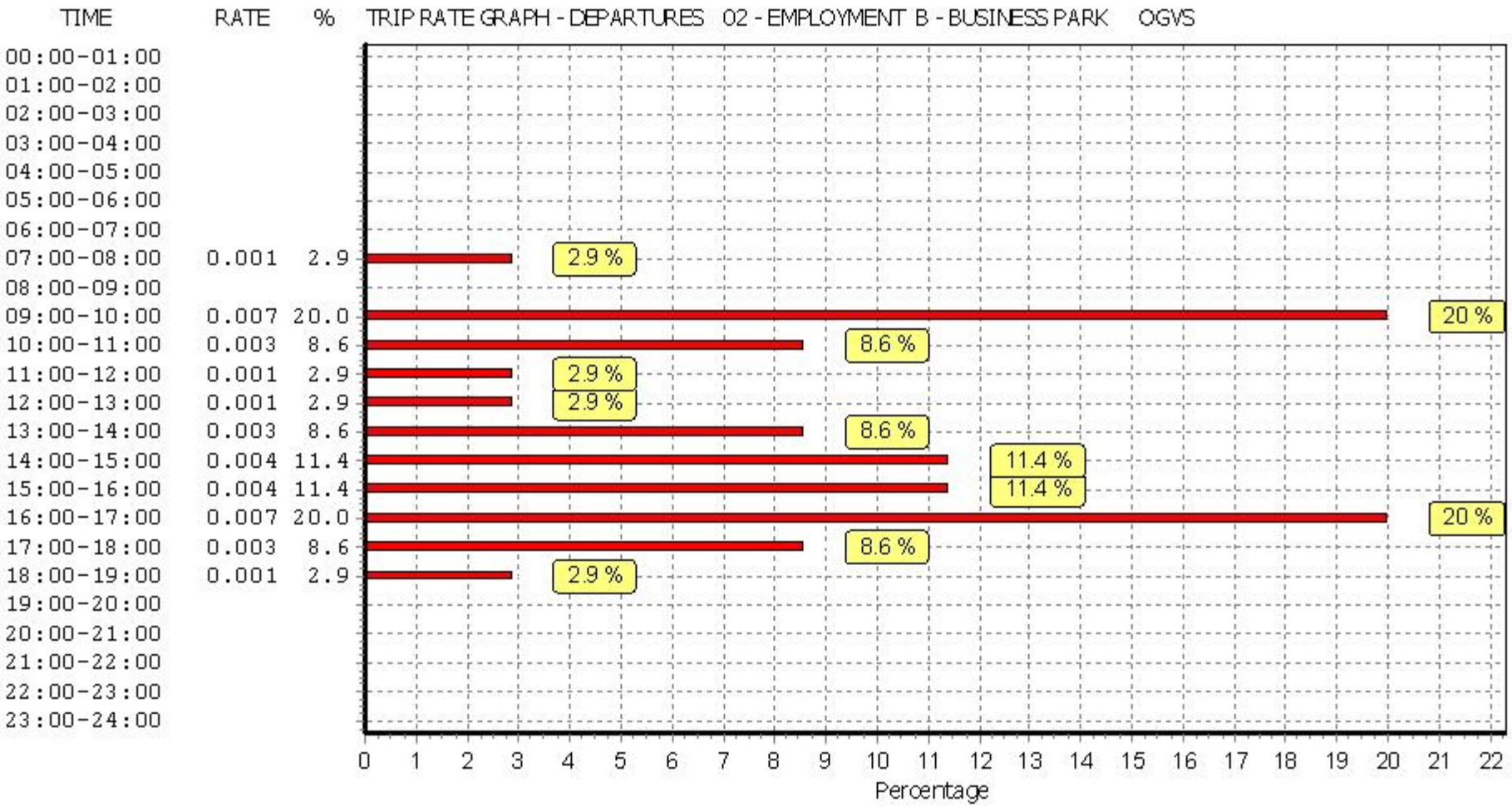
| | ARRIVALS | | | DEPARTURES | | | TOTALS | | |
|---|---|---|---|---|---|---|---|---|---|
| Time Range | No. Days | Ave. GFA | Trip Rate | No. Days | Ave. GFA | Trip Rate | No. Days | Ave. GFA | Trip Rate |
| 00:00 - 01:00 | | | | | | | | | |
| 01:00 - 02:00 | | | | | | | | | |
| 02:00 - 03:00 | | | | | | | | | |
| 03:00 - 04:00 | | | | | | | | | |
| 04:00 - 05:00 | | | | | | | | | |
| 05:00 - 06:00 | | | | | | | | | |
| 06:00 - 07:00 | | | | | | | | | |
| 07:00 - 08:00 | 4 | 17576 | 0.001 | 4 | 17576 | 0.001 | 4 | 17576 | 0.002 |
| 08:00 - 09:00 | 4 | 17576 | 0.006 | 4 | 17576 | 0.000 | 4 | 17576 | 0.006 |
| 09:00 - 10:00 | 4 | 17576 | 0.007 | 4 | 17576 | 0.007 | 4 | 17576 | 0.014 |
| 10:00 - 11:00 | 4 | 17576 | 0.001 | 4 | 17576 | 0.003 | 4 | 17576 | 0.004 |
| 11:00 - 12:00 | 4 | 17576 | 0.001 | 4 | 17576 | 0.001 | 4 | 17576 | 0.002 |
| 12:00 - 13:00 | 4 | 17576 | 0.000 | 4 | 17576 | 0.001 | 4 | 17576 | 0.001 |
| 13:00 - 14:00 | 4 | 17576 | 0.006 | 4 | 17576 | 0.003 | 4 | 17576 | 0.009 |
| 14:00 - 15:00 | 4 | 17576 | 0.003 | 4 | 17576 | 0.004 | 4 | 17576 | 0.007 |
| 15:00 - 16:00 | 4 | 17576 | 0.001 | 4 | 17576 | 0.004 | 4 | 17576 | 0.005 |
| 16:00 - 17:00 | 4 | 17576 | 0.009 | 4 | 17576 | 0.007 | 4 | 17576 | 0.016 |
| 17:00 - 18:00 | 4 | 17576 | 0.001 | 4 | 17576 | 0.003 | 4 | 17576 | 0.004 |
| 18:00 - 19:00 | 4 | 17576 | 0.000 | 4 | 17576 | 0.001 | 4 | 17576 | 0.001 |
| 19:00 - 20:00 | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | |
| Total Rates: | | | 0.036 | | | 0.035 | | | 0.071 |

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

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

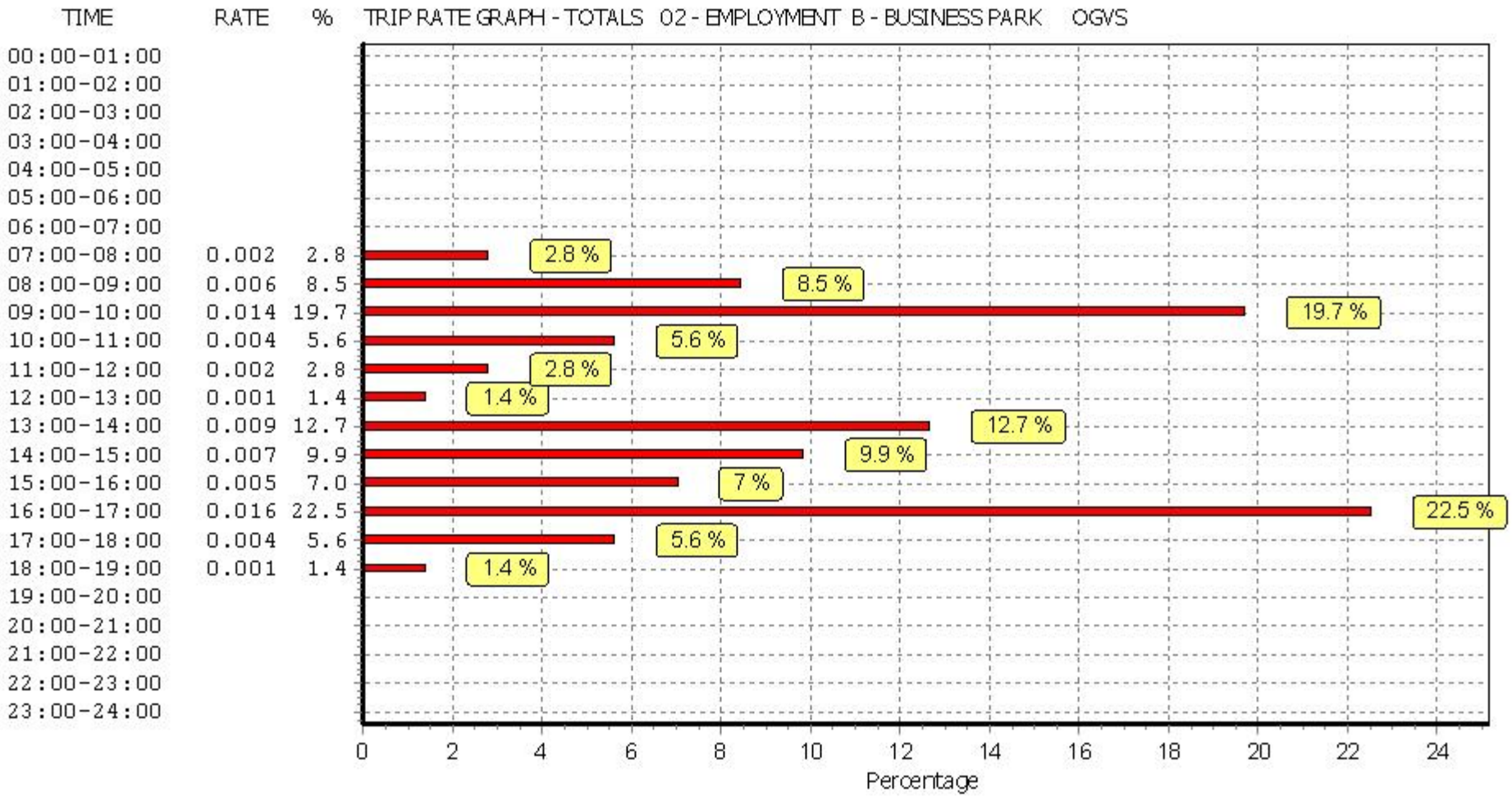

*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.*

Peter Brett Associates Caversham Bridge House Reading Licence No: 706701




*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.*

Peter Brett Associates Caversham Bridge House Reading Licence No: 706701



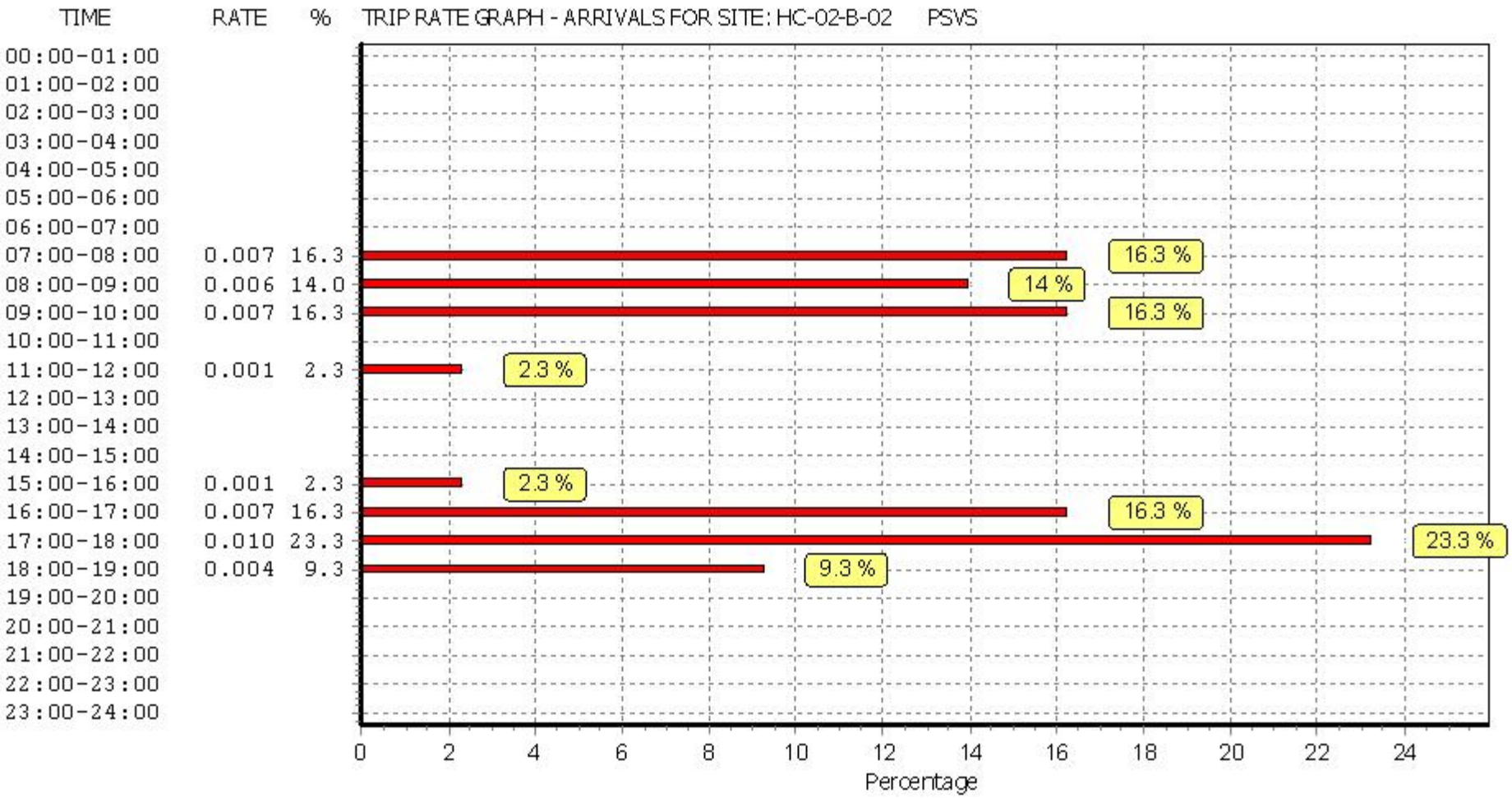

*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.*

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

| | ARRIVALS | | | DEPARTURES | | | TOTALS | | |
|---|---|---|---|---|---|---|---|---|---|
| Time Range | No. Days | Ave. GFA | Trip Rate | No. Days | Ave. GFA | Trip Rate | No. Days | Ave. GFA | Trip Rate |
| 00:00 - 01:00 | | | | | | | | | |
| 01:00 - 02:00 | | | | | | | | | |
| 02:00 - 03:00 | | | | | | | | | |
| 03:00 - 04:00 | | | | | | | | | |
| 04:00 - 05:00 | | | | | | | | | |
| 05:00 - 06:00 | | | | | | | | | |
| 06:00 - 07:00 | | | | | | | | | |
| 07:00 - 08:00 | 4 | 17576 | 0.007 | 4 | 17576 | 0.006 | 4 | 17576 | 0.013 |
| 08:00 - 09:00 | 4 | 17576 | 0.006 | 4 | 17576 | 0.007 | 4 | 17576 | 0.013 |
| 09:00 - 10:00 | 4 | 17576 | 0.007 | 4 | 17576 | 0.007 | 4 | 17576 | 0.014 |
| 10:00 - 11:00 | 4 | 17576 | 0.000 | 4 | 17576 | 0.000 | 4 | 17576 | 0.000 |
| 11:00 - 12:00 | 4 | 17576 | 0.001 | 4 | 17576 | 0.000 | 4 | 17576 | 0.001 |
| 12:00 - 13:00 | 4 | 17576 | 0.000 | 4 | 17576 | 0.001 | 4 | 17576 | 0.001 |
| 13:00 - 14:00 | 4 | 17576 | 0.000 | 4 | 17576 | 0.000 | 4 | 17576 | 0.000 |
| 14:00 - 15:00 | 4 | 17576 | 0.000 | 4 | 17576 | 0.000 | 4 | 17576 | 0.000 |
| 15:00 - 16:00 | 4 | 17576 | 0.001 | 4 | 17576 | 0.001 | 4 | 17576 | 0.002 |
| 16:00 - 17:00 | 4 | 17576 | 0.007 | 4 | 17576 | 0.007 | 4 | 17576 | 0.014 |
| 17:00 - 18:00 | 4 | 17576 | 0.010 | 4 | 17576 | 0.007 | 4 | 17576 | 0.017 |
| 18:00 - 19:00 | 4 | 17576 | 0.004 | 4 | 17576 | 0.007 | 4 | 17576 | 0.011 |
| 19:00 - 20:00 | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | |
| Total Rates: | | | 0.043 | | | 0.043 | | | 0.086 |

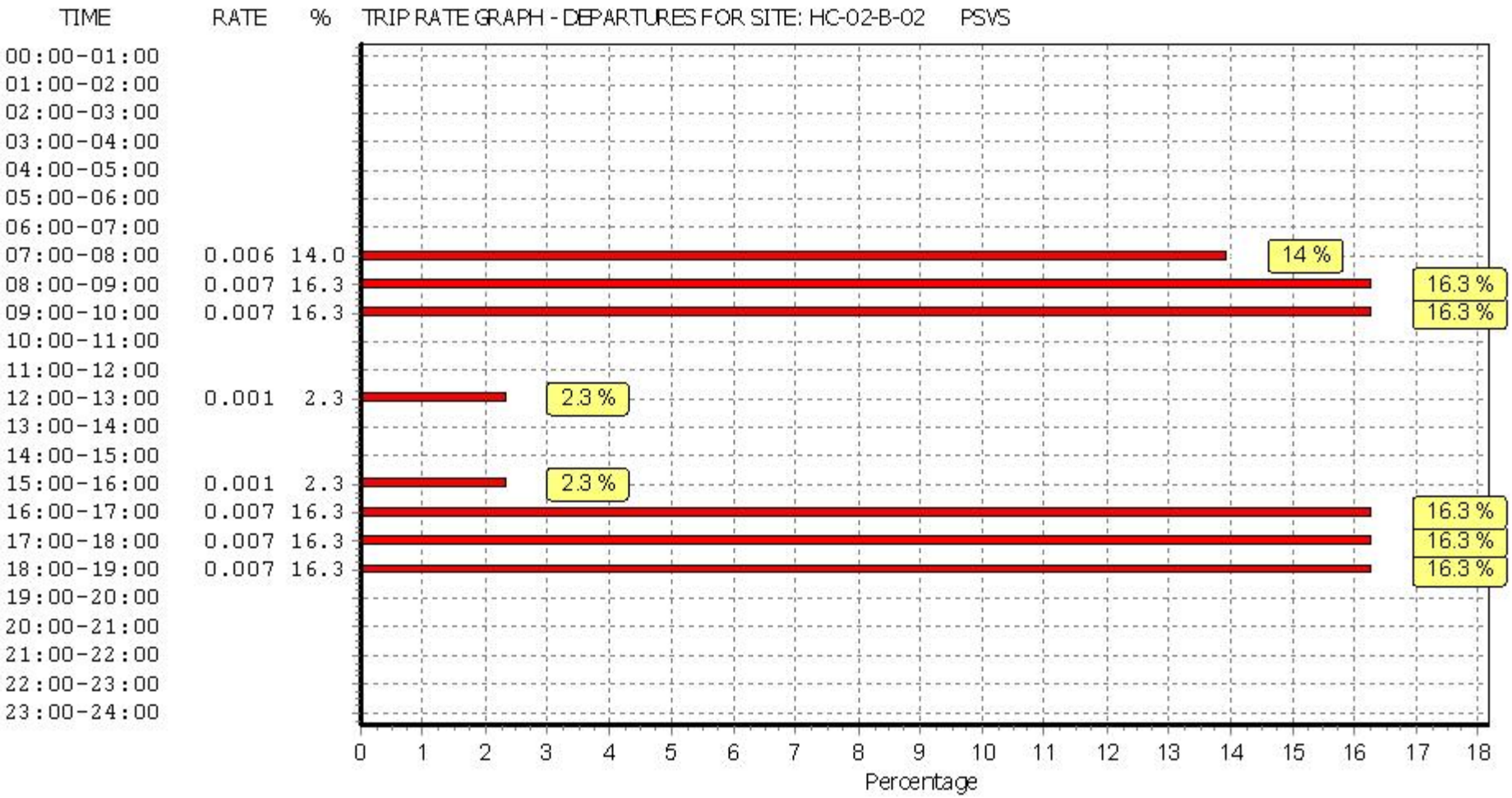
*This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are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

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

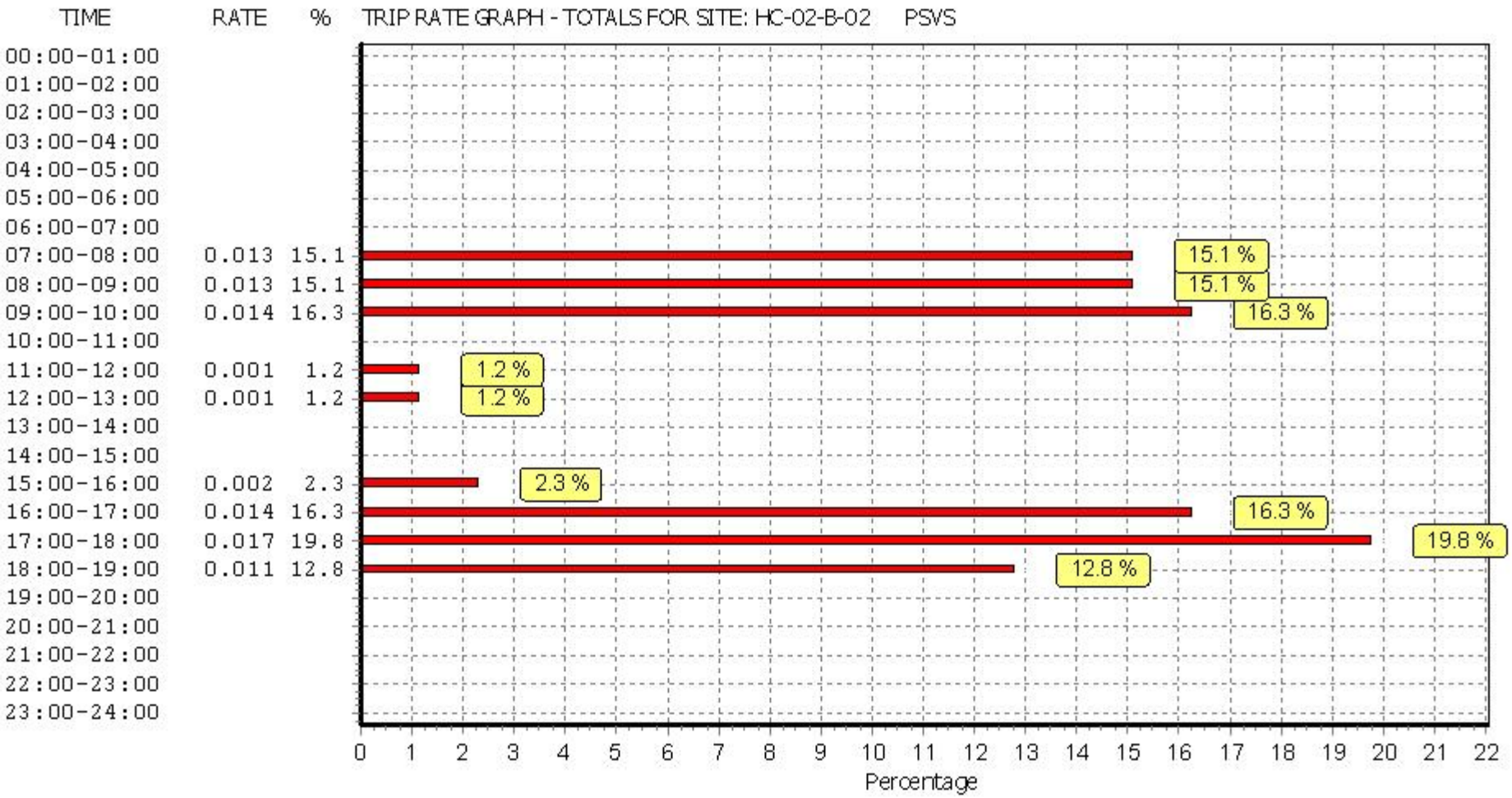



*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.*

Peter Brett Associates Caversham Bridge House Reading Licence No: 706701




*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.*



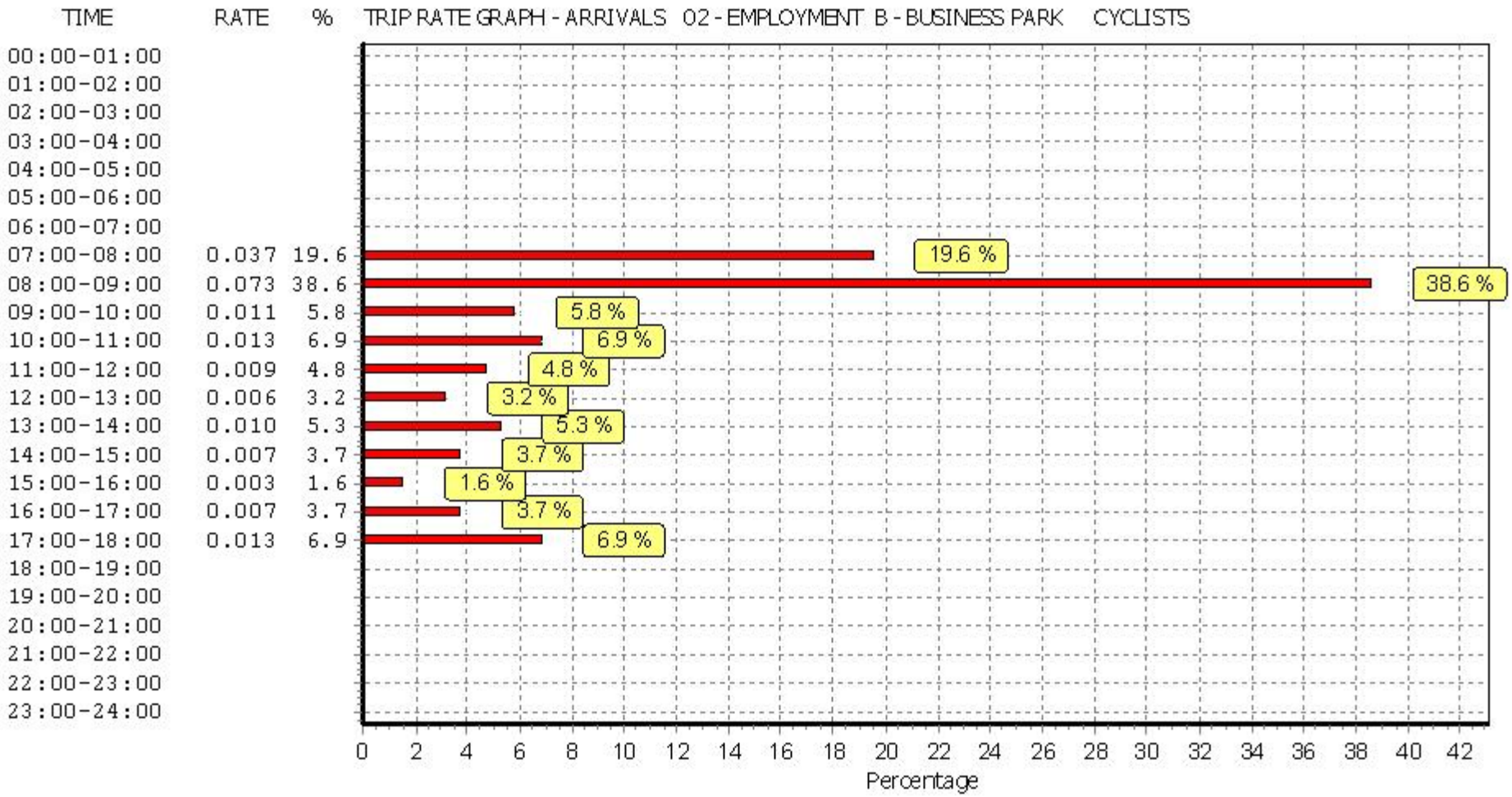

*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.*

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

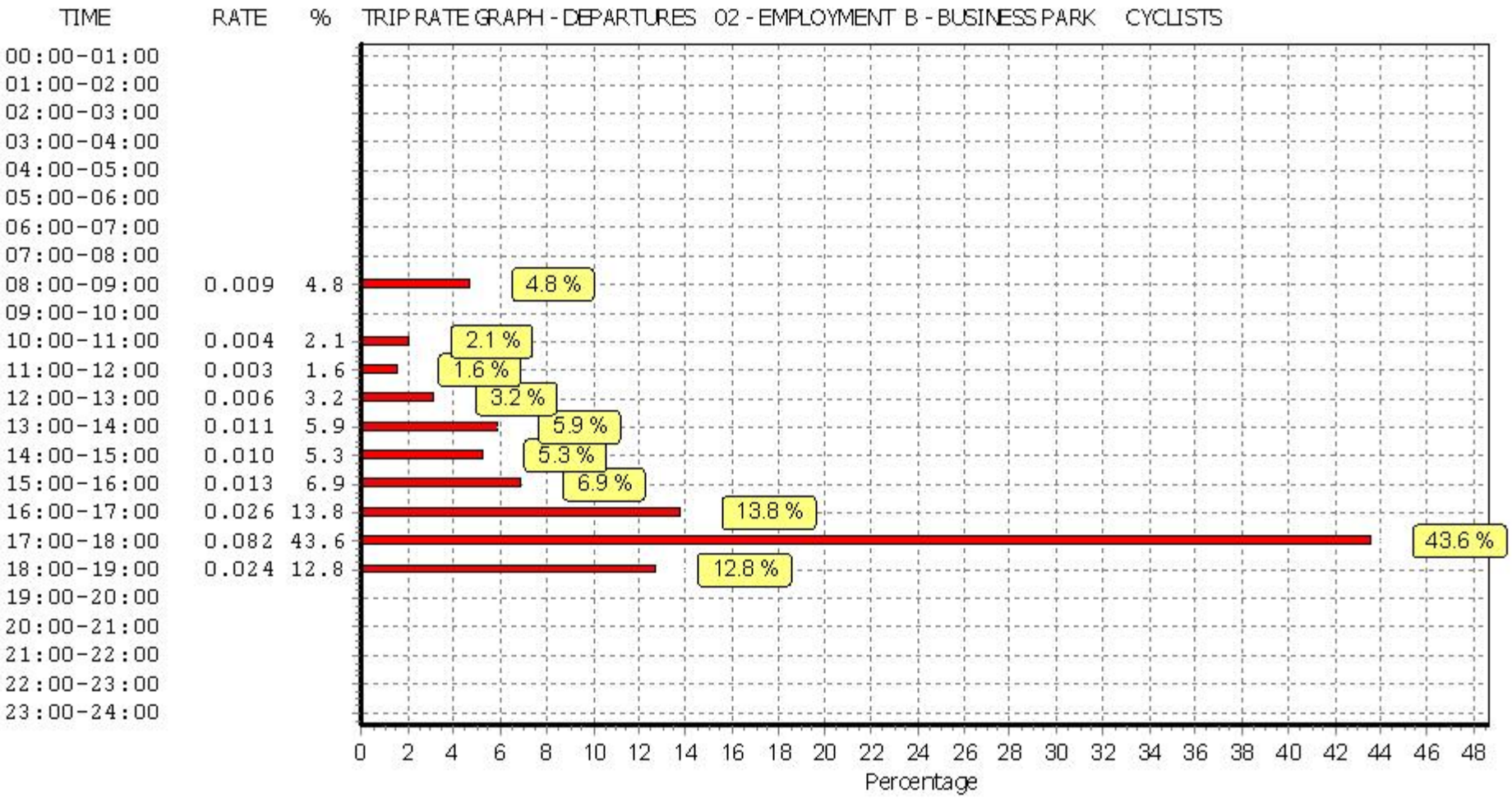
| | ARRIVALS | | | DEPARTURES | | | TOTALS | | |
|---|---|---|---|---|---|---|---|---|---|
| Time Range | No. Days | Ave. GFA | Trip Rate | No. Days | Ave. GFA | Trip Rate | No. Days | Ave. GFA | Trip Rate |
| 00:00 - 01:00 | | | | | | | | | |
| 01:00 - 02:00 | | | | | | | | | |
| 02:00 - 03:00 | | | | | | | | | |
| 03:00 - 04:00 | | | | | | | | | |
| 04:00 - 05:00 | | | | | | | | | |
| 05:00 - 06:00 | | | | | | | | | |
| 06:00 - 07:00 | | | | | | | | | |
| 07:00 - 08:00 | 4 | 17576 | 0.037 | 4 | 17576 | 0.000 | 4 | 17576 | 0.037 |
| 08:00 - 09:00 | 4 | 17576 | 0.073 | 4 | 17576 | 0.009 | 4 | 17576 | 0.082 |
| 09:00 - 10:00 | 4 | 17576 | 0.011 | 4 | 17576 | 0.000 | 4 | 17576 | 0.011 |
| 10:00 - 11:00 | 4 | 17576 | 0.013 | 4 | 17576 | 0.004 | 4 | 17576 | 0.017 |
| 11:00 - 12:00 | 4 | 17576 | 0.009 | 4 | 17576 | 0.003 | 4 | 17576 | 0.012 |
| 12:00 - 13:00 | 4 | 17576 | 0.006 | 4 | 17576 | 0.006 | 4 | 17576 | 0.012 |
| 13:00 - 14:00 | 4 | 17576 | 0.010 | 4 | 17576 | 0.011 | 4 | 17576 | 0.021 |
| 14:00 - 15:00 | 4 | 17576 | 0.007 | 4 | 17576 | 0.010 | 4 | 17576 | 0.017 |
| 15:00 - 16:00 | 4 | 17576 | 0.003 | 4 | 17576 | 0.013 | 4 | 17576 | 0.016 |
| 16:00 - 17:00 | 4 | 17576 | 0.007 | 4 | 17576 | 0.026 | 4 | 17576 | 0.033 |
| 17:00 - 18:00 | 4 | 17576 | 0.013 | 4 | 17576 | 0.082 | 4 | 17576 | 0.095 |
| 18:00 - 19:00 | 4 | 17576 | 0.000 | 4 | 17576 | 0.024 | 4 | 17576 | 0.024 |
| 19:00 - 20:00 | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | |
| Total Rates: | | | 0.189 | | | 0.188 | | | 0.377 |

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

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

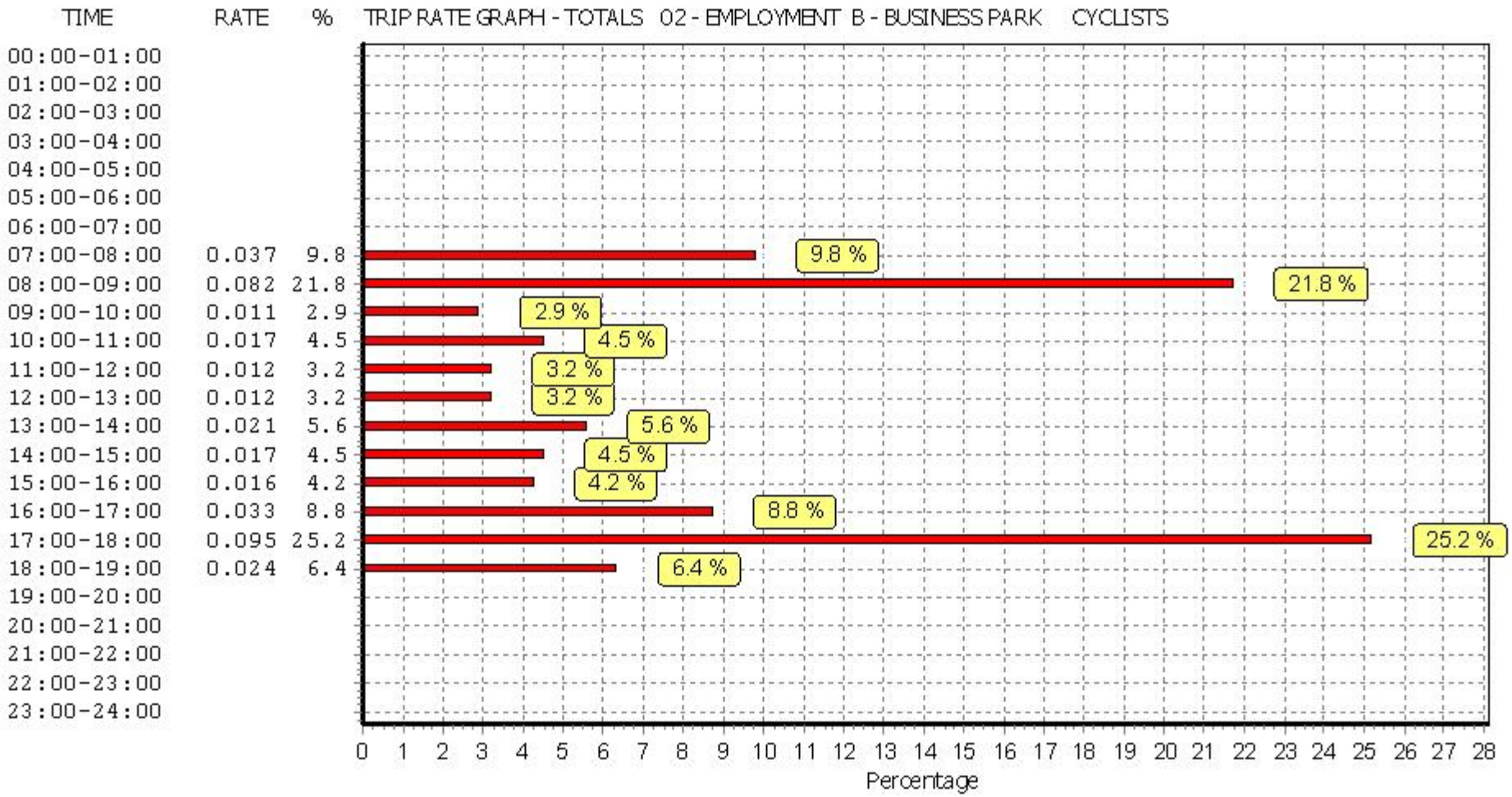



*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.*




*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.*

Peter Brett Associates Caversham Bridge House Reading Licence No: 706701




*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.*

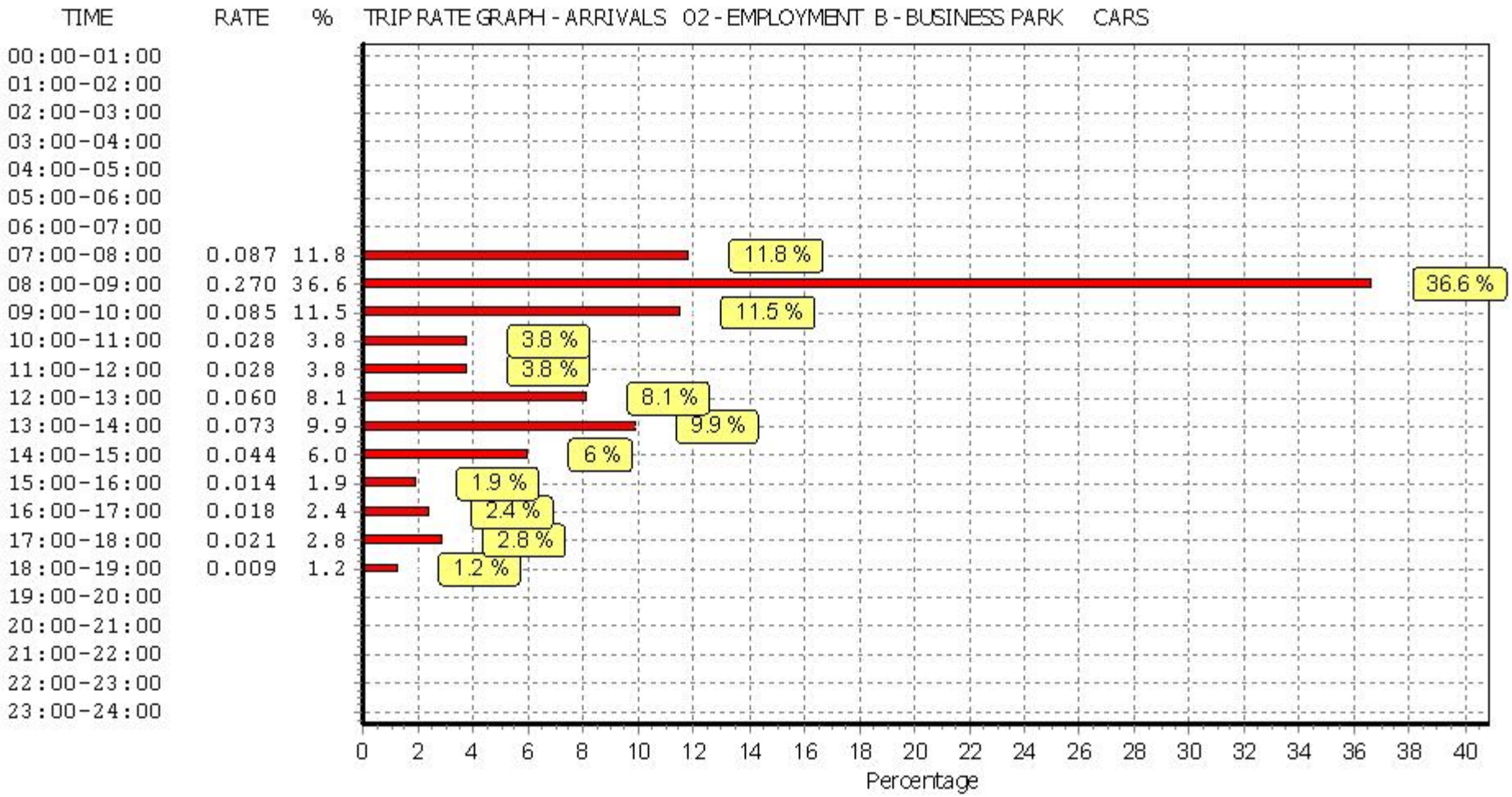
TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK
CARS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

| | ARRIVALS | | | DEPARTURES | | | TOTALS | | |
|---|---|---|---|---|---|---|---|---|---|
| Time Range | No. Days | Ave. GFA | Trip Rate | No. Days | Ave. GFA | Trip Rate | No. Days | Ave. GFA | Trip Rate |
| 00:00 - 01:00 | | | | | | | | | |
| 01:00 - 02:00 | | | | | | | | | |
| 02:00 - 03:00 | | | | | | | | | |
| 03:00 - 04:00 | | | | | | | | | |
| 04:00 - 05:00 | | | | | | | | | |
| 05:00 - 06:00 | | | | | | | | | |
| 06:00 - 07:00 | | | | | | | | | |
| 07:00 - 08:00 | 4 | 17576 | 0.087 | 4 | 17576 | 0.003 | 4 | 17576 | 0.090 |
| 08:00 - 09:00 | 4 | 17576 | 0.270 | 4 | 17576 | 0.024 | 4 | 17576 | 0.294 |
| 09:00 - 10:00 | 4 | 17576 | 0.085 | 4 | 17576 | 0.026 | 4 | 17576 | 0.111 |
| 10:00 - 11:00 | 4 | 17576 | 0.028 | 4 | 17576 | 0.026 | 4 | 17576 | 0.054 |
| 11:00 - 12:00 | 4 | 17576 | 0.028 | 4 | 17576 | 0.033 | 4 | 17576 | 0.061 |
| 12:00 - 13:00 | 4 | 17576 | 0.060 | 4 | 17576 | 0.098 | 4 | 17576 | 0.158 |
| 13:00 - 14:00 | 4 | 17576 | 0.073 | 4 | 17576 | 0.060 | 4 | 17576 | 0.133 |
| 14:00 - 15:00 | 4 | 17576 | 0.044 | 4 | 17576 | 0.041 | 4 | 17576 | 0.085 |
| 15:00 - 16:00 | 4 | 17576 | 0.014 | 4 | 17576 | 0.073 | 4 | 17576 | 0.087 |
| 16:00 - 17:00 | 4 | 17576 | 0.018 | 4 | 17576 | 0.108 | 4 | 17576 | 0.126 |
| 17:00 - 18:00 | 4 | 17576 | 0.021 | 4 | 17576 | 0.212 | 4 | 17576 | 0.233 |
| 18:00 - 19:00 | 4 | 17576 | 0.009 | 4 | 17576 | 0.031 | 4 | 17576 | 0.040 |
| 19:00 - 20:00 | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | |
| Total Rates: | | | 0.737 | | | 0.735 | | | 1.472 |

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

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

Peter Brett Associates Caversham Bridge House Reading Licence No: 706701




*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.*

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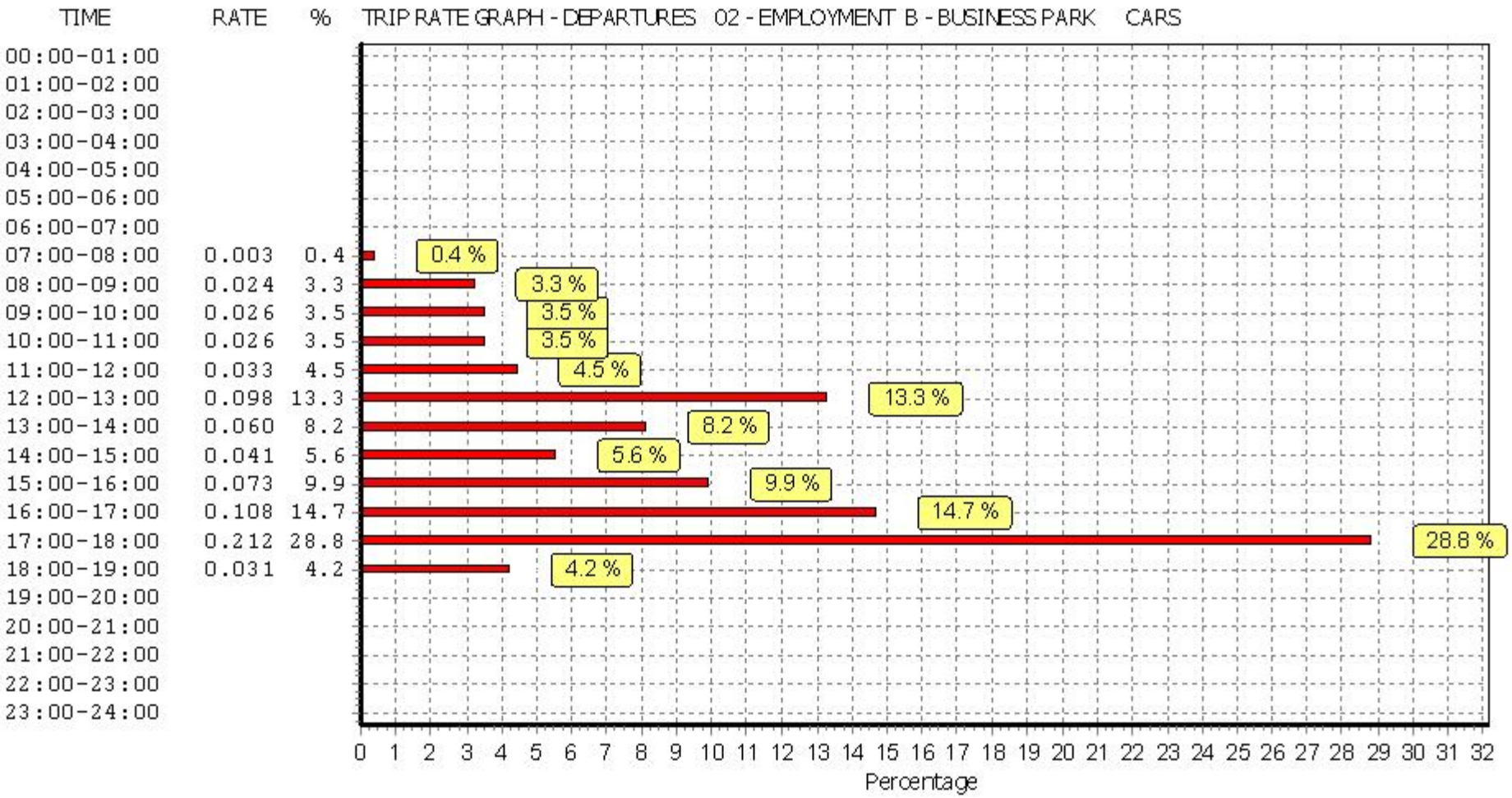


*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.*

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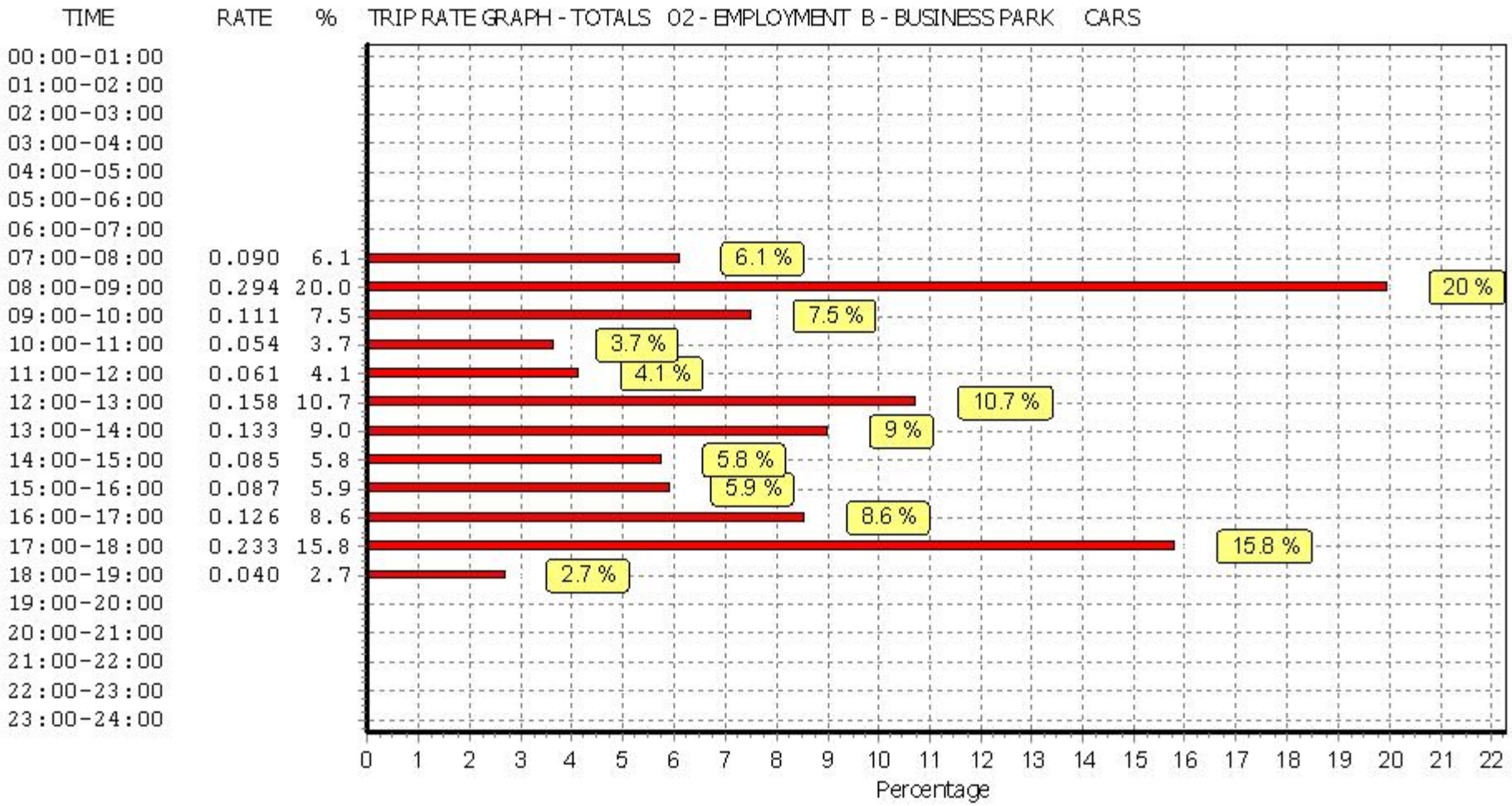


*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.*

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

| | ARRIVALS | | | DEPARTURES | | | TOTALS | | |
|---|---|---|---|---|---|---|---|---|---|
| Time Range | No. Days | Ave. GFA | Trip Rate | No. Days | Ave. GFA | Trip Rate | No. Days | Ave. GFA | Trip Rate |
| 00:00 - 01:00 | | | | | | | | | |
| 01:00 - 02:00 | | | | | | | | | |
| 02:00 - 03:00 | | | | | | | | | |
| 03:00 - 04:00 | | | | | | | | | |
| 04:00 - 05:00 | | | | | | | | | |
| 05:00 - 06:00 | | | | | | | | | |
| 06:00 - 07:00 | | | | | | | | | |
| 07:00 - 08:00 | 4 | 17576 | 0.043 | 4 | 17576 | 0.010 | 4 | 17576 | 0.053 |
| 08:00 - 09:00 | 4 | 17576 | 0.061 | 4 | 17576 | 0.030 | 4 | 17576 | 0.091 |
| 09:00 - 10:00 | 4 | 17576 | 0.050 | 4 | 17576 | 0.057 | 4 | 17576 | 0.107 |
| 10:00 - 11:00 | 4 | 17576 | 0.053 | 4 | 17576 | 0.033 | 4 | 17576 | 0.086 |
| 11:00 - 12:00 | 4 | 17576 | 0.047 | 4 | 17576 | 0.057 | 4 | 17576 | 0.104 |
| 12:00 - 13:00 | 4 | 17576 | 0.047 | 4 | 17576 | 0.031 | 4 | 17576 | 0.078 |
| 13:00 - 14:00 | 4 | 17576 | 0.023 | 4 | 17576 | 0.040 | 4 | 17576 | 0.063 |
| 14:00 - 15:00 | 4 | 17576 | 0.033 | 4 | 17576 | 0.033 | 4 | 17576 | 0.066 |
| 15:00 - 16:00 | 4 | 17576 | 0.034 | 4 | 17576 | 0.033 | 4 | 17576 | 0.067 |
| 16:00 - 17:00 | 4 | 17576 | 0.027 | 4 | 17576 | 0.043 | 4 | 17576 | 0.070 |
| 17:00 - 18:00 | 4 | 17576 | 0.007 | 4 | 17576 | 0.027 | 4 | 17576 | 0.034 |
| 18:00 - 19:00 | 4 | 17576 | 0.004 | 4 | 17576 | 0.028 | 4 | 17576 | 0.032 |
| 19:00 - 20:00 | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | |
| Total Rates: | | | 0.429 | | | 0.422 | | | 0.851 |

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

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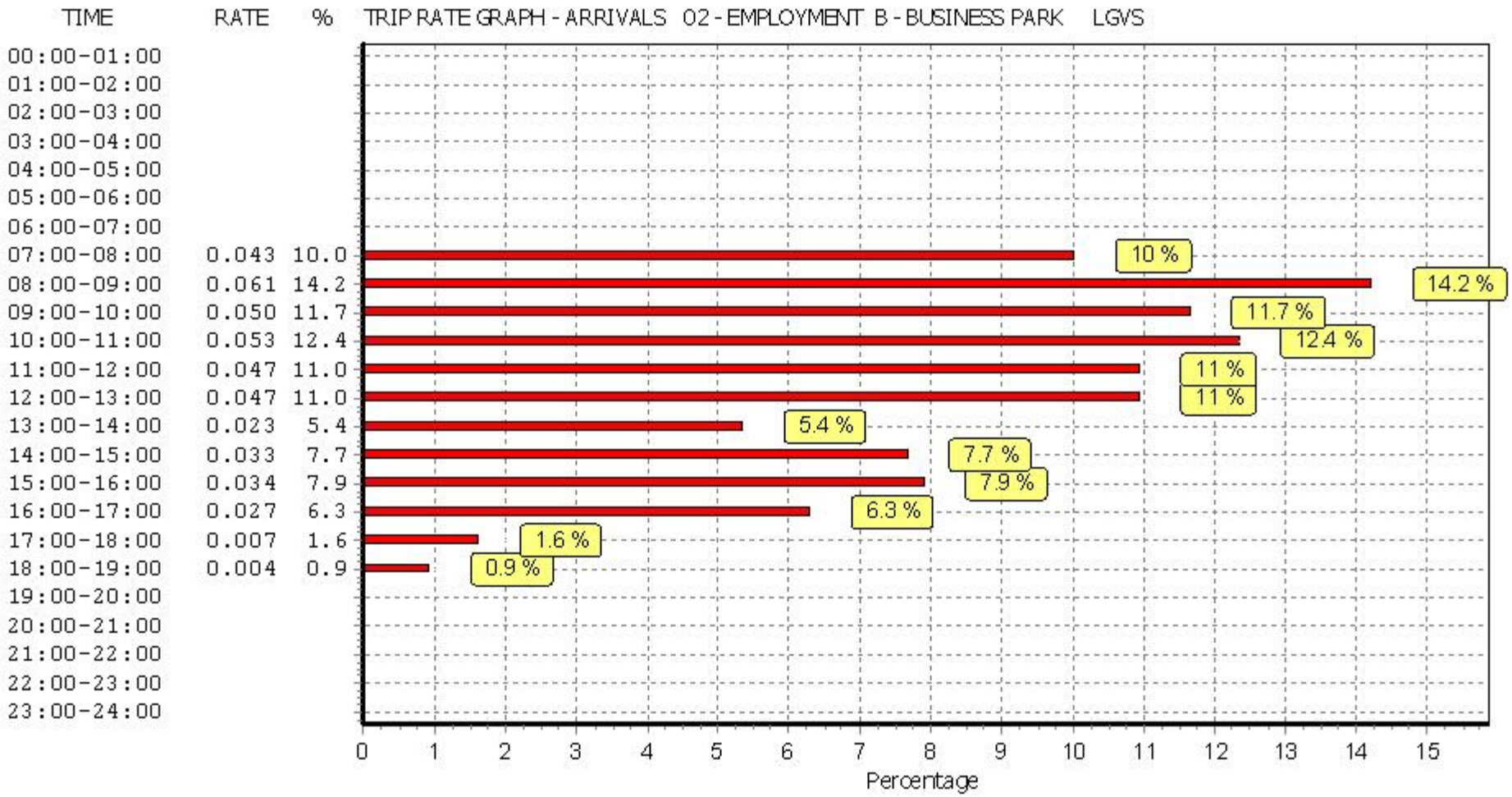
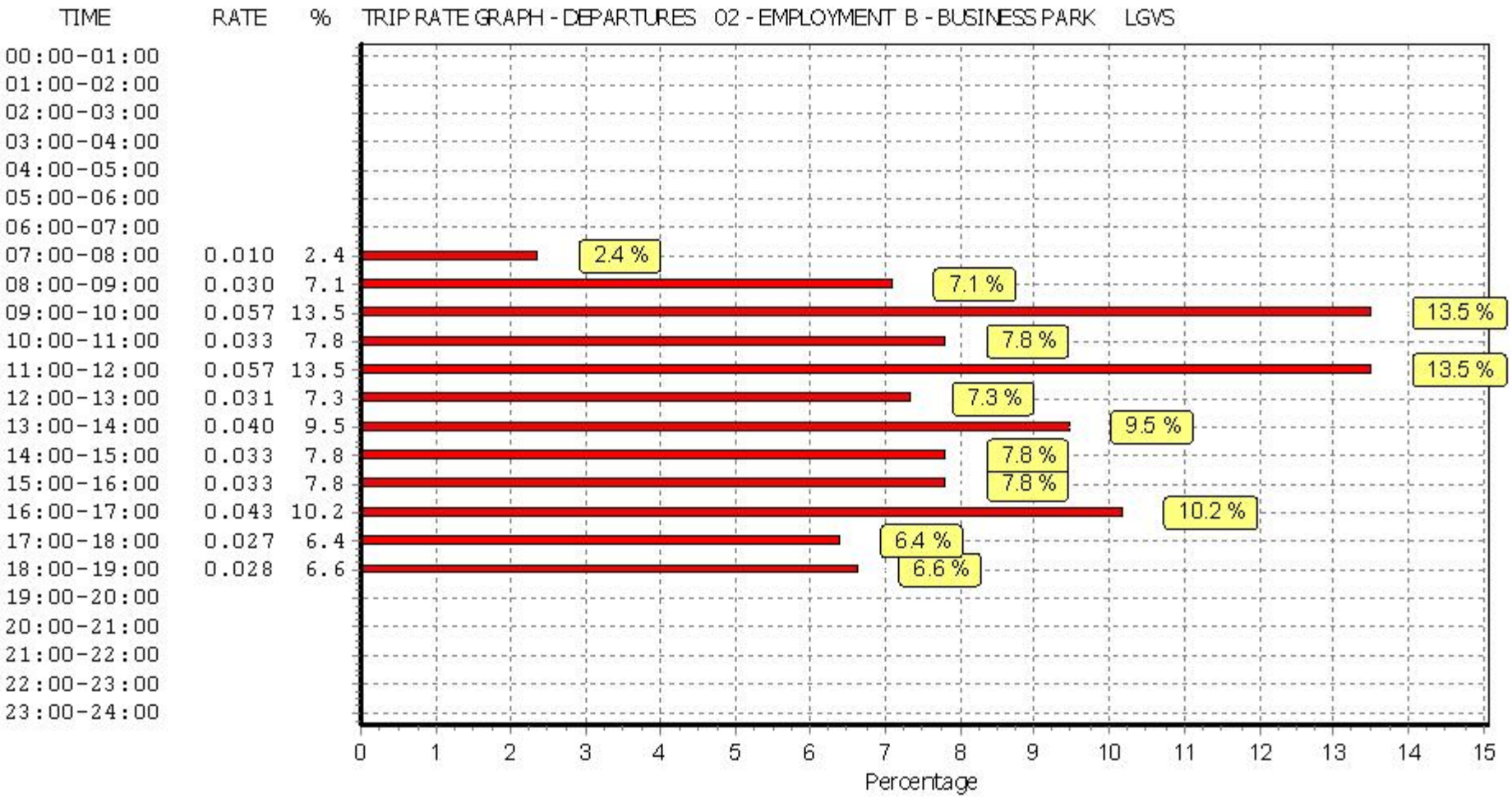



*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.*




*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.*

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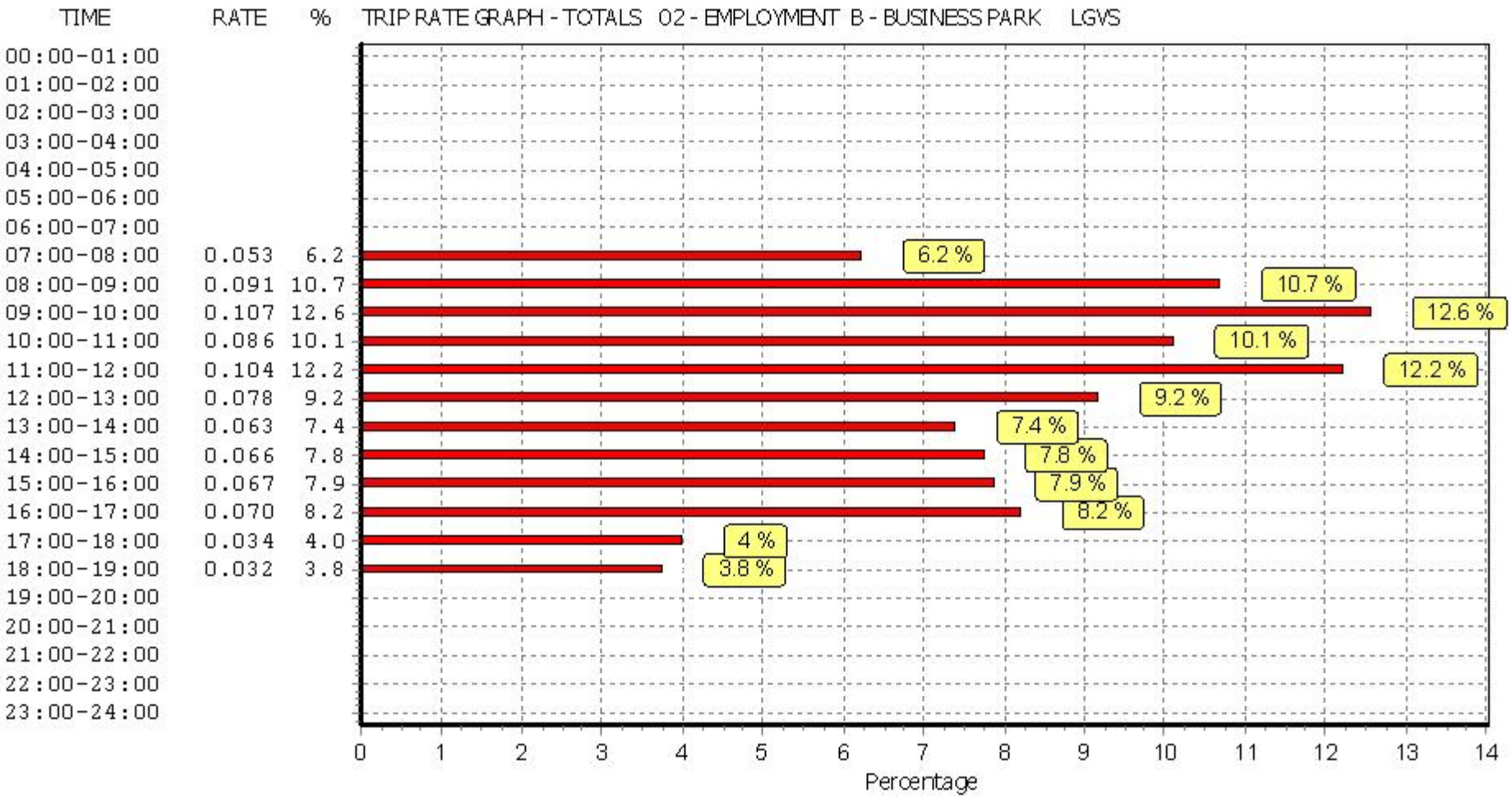


*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.*

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

| | ARRIVALS | | | DEPARTURES | | | TOTALS | | |
|---|---|---|---|---|---|---|---|---|---|
| Time Range | No. Days | Ave. GFA | Trip Rate | No. Days | Ave. GFA | Trip Rate | No. Days | Ave. GFA | Trip Rate |
| 00:00 - 01:00 | | | | | | | | | |
| 01:00 - 02:00 | | | | | | | | | |
| 02:00 - 03:00 | | | | | | | | | |
| 03:00 - 04:00 | | | | | | | | | |
| 04:00 - 05:00 | | | | | | | | | |
| 05:00 - 06:00 | | | | | | | | | |
| 06:00 - 07:00 | | | | | | | | | |
| 07:00 - 08:00 | 4 | 17576 | 0.001 | 4 | 17576 | 0.000 | 4 | 17576 | 0.001 |
| 08:00 - 09:00 | 4 | 17576 | 0.011 | 4 | 17576 | 0.001 | 4 | 17576 | 0.012 |
| 09:00 - 10:00 | 4 | 17576 | 0.007 | 4 | 17576 | 0.001 | 4 | 17576 | 0.008 |
| 10:00 - 11:00 | 4 | 17576 | 0.003 | 4 | 17576 | 0.001 | 4 | 17576 | 0.004 |
| 11:00 - 12:00 | 4 | 17576 | 0.000 | 4 | 17576 | 0.001 | 4 | 17576 | 0.001 |
| 12:00 - 13:00 | 4 | 17576 | 0.001 | 4 | 17576 | 0.000 | 4 | 17576 | 0.001 |
| 13:00 - 14:00 | 4 | 17576 | 0.000 | 4 | 17576 | 0.003 | 4 | 17576 | 0.003 |
| 14:00 - 15:00 | 4 | 17576 | 0.001 | 4 | 17576 | 0.000 | 4 | 17576 | 0.001 |
| 15:00 - 16:00 | 4 | 17576 | 0.000 | 4 | 17576 | 0.004 | 4 | 17576 | 0.004 |
| 16:00 - 17:00 | 4 | 17576 | 0.001 | 4 | 17576 | 0.001 | 4 | 17576 | 0.002 |
| 17:00 - 18:00 | 4 | 17576 | 0.000 | 4 | 17576 | 0.009 | 4 | 17576 | 0.009 |
| 18:00 - 19:00 | 4 | 17576 | 0.000 | 4 | 17576 | 0.004 | 4 | 17576 | 0.004 |
| 19:00 - 20:00 | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | |
| Total Rates: | | | 0.025 | | | 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.*

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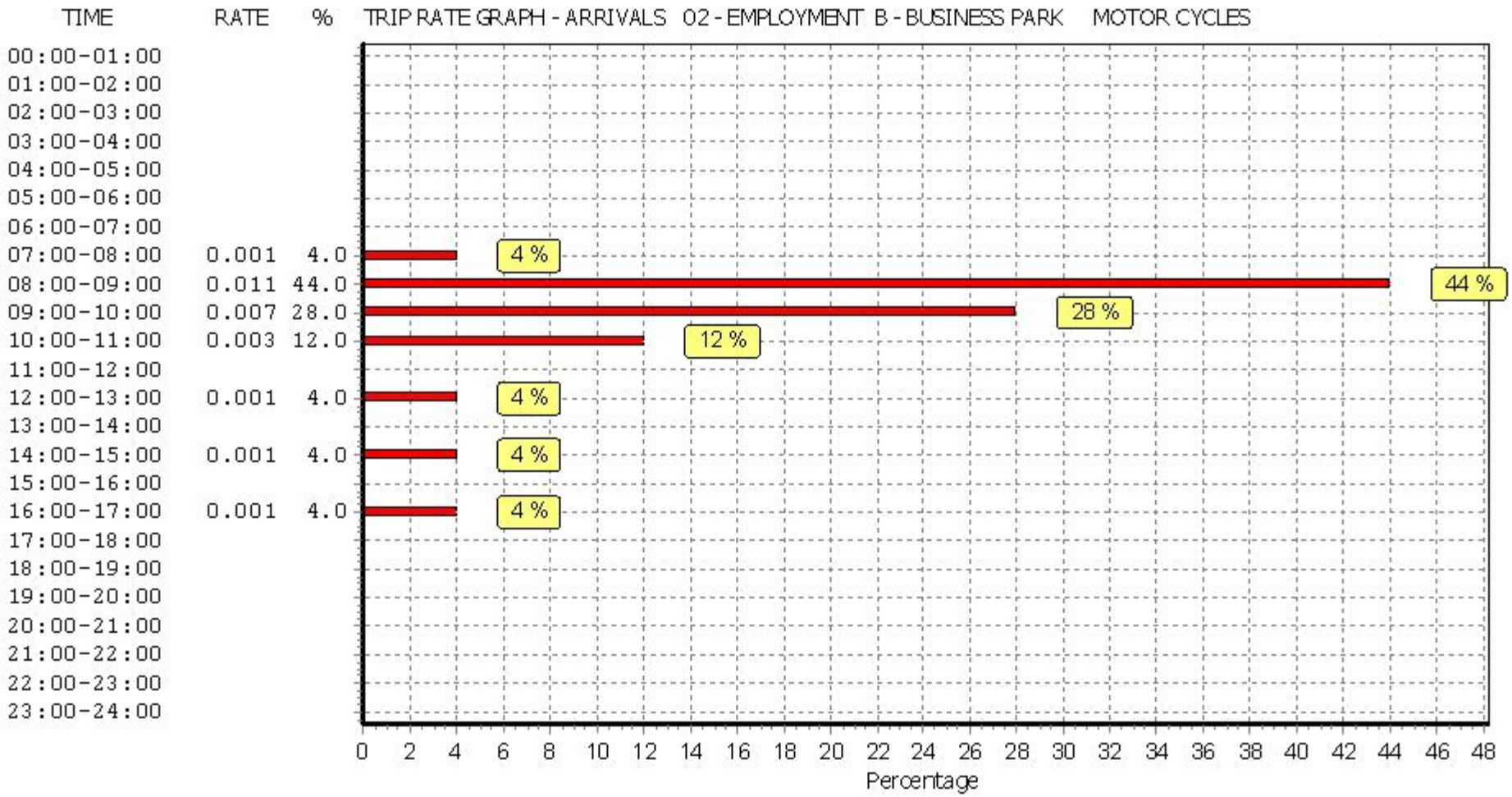


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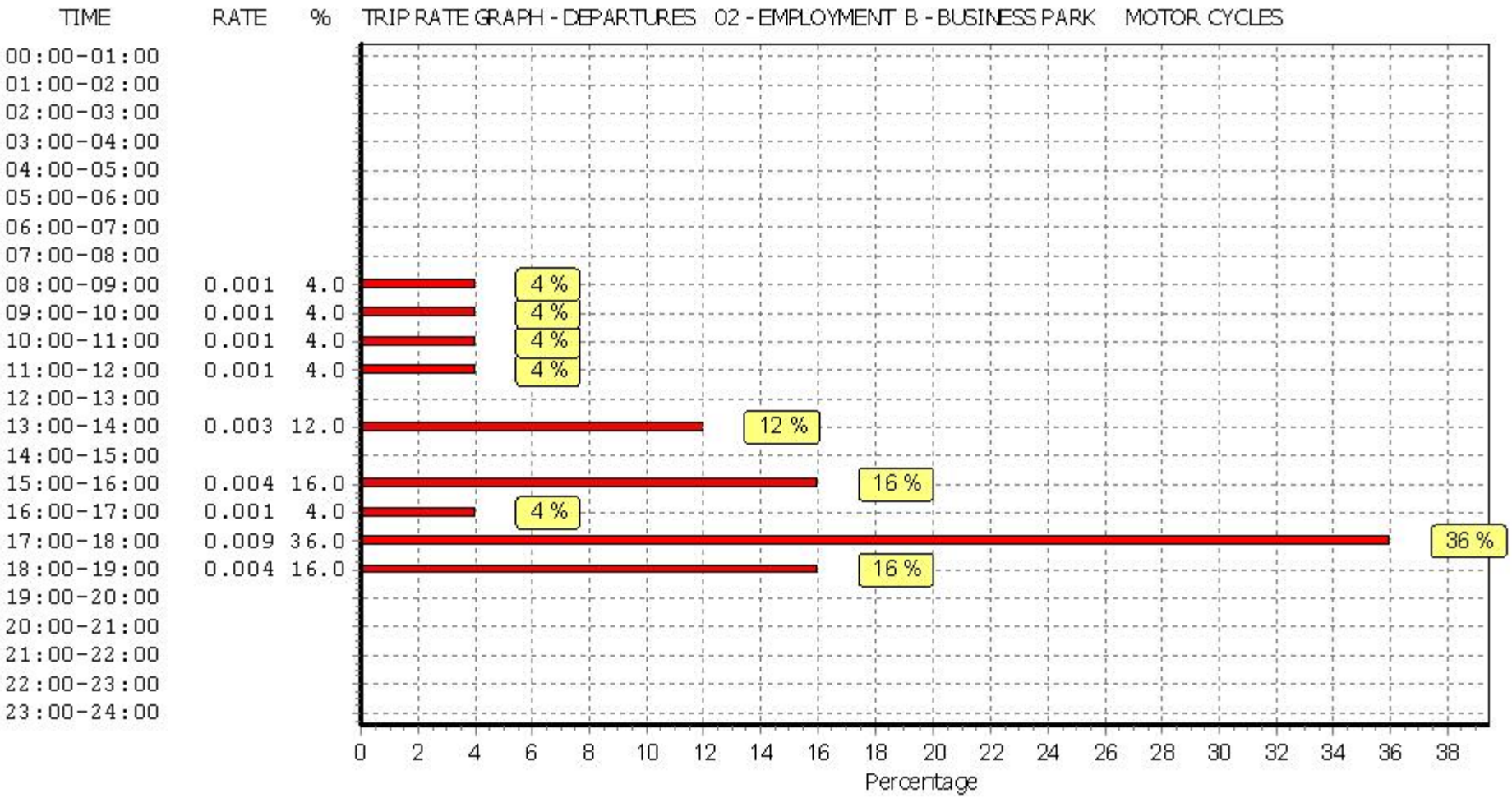


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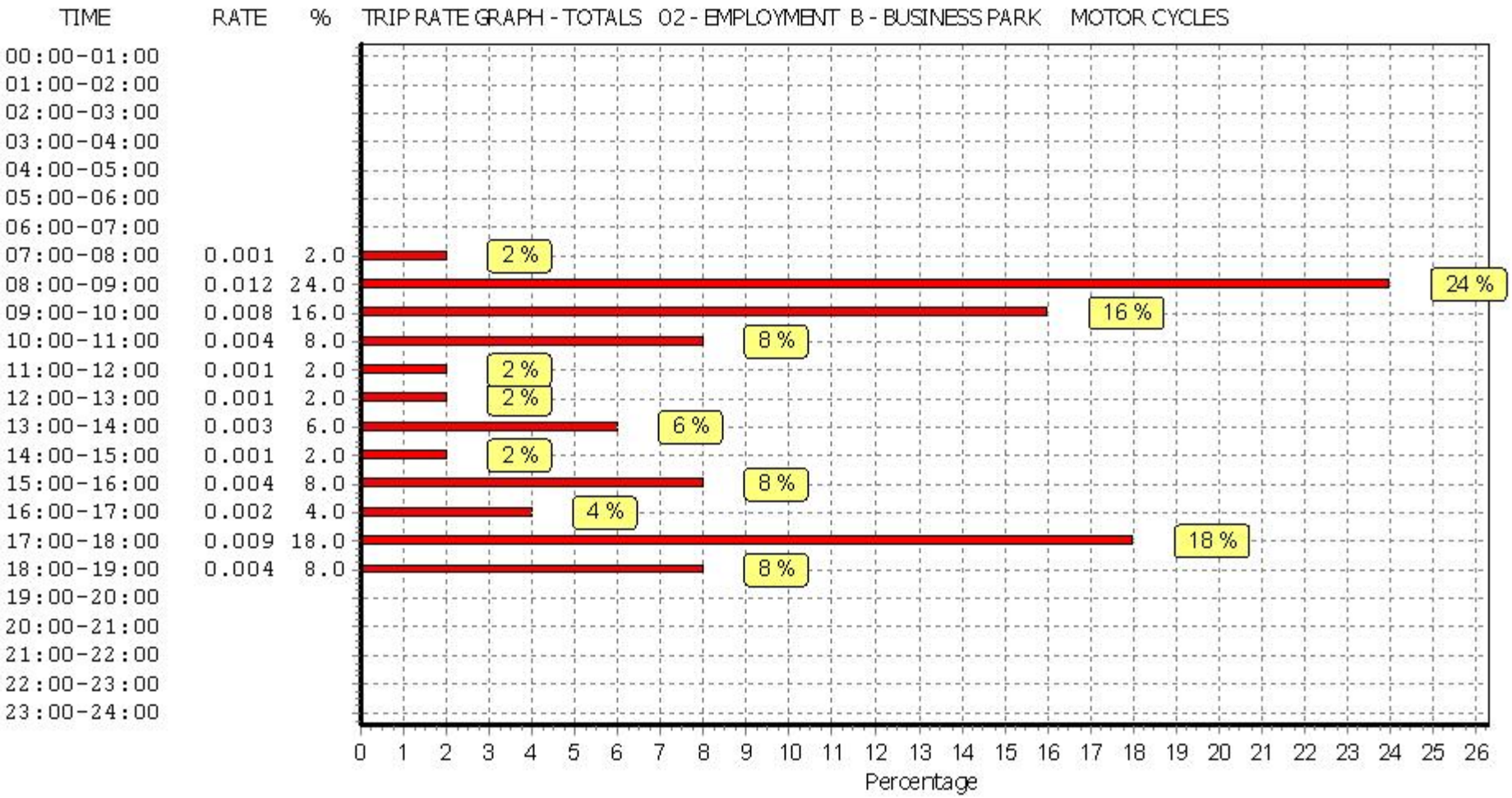


*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.*