Notes
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2. If received electronically it is the recipients responsibility to print to correct scale. Only written dimensions should be used.

N

Pen-onn
Pen-marc / Penmark
Maes Awyr Caerdydd-Cymru/Cardiff - Wales Airport
Rhoose Cardiff International Airport
Y Rhws / Rhoose
Ffont-y-Gari / Font-y-gary
Lower Porthkerry
Porthceri / Porthkerry
The Knap
Hood Road
Barry
Colcot

Legend

- Site centre
- Site boundary
- 5 minute walk
- 10 minute walk
- 15 minute walk
- 20 minute walk
- 25 minute walk
- 30 minute walk
- 35 minute walk
- 40 minute walk

Rev	Description	By	CB	Date

Figure Number: 1
Rev: -

rpsgroup.com

Client: Legal and General Capital
Project: Model Farm
Title: Central Walk Isochrone

0 265 530 m

Status: DRAFT
Drawn By: CR
PM/Checked By: CM
Project Number: JNY9624
Scale @ A3: 1:17,000
Date Created: MAR 2019

20 Western Avenue, Milton Park,
Abingdon, Oxfordshire, OX14 4SH
T: +44(0)1235 821 888
E: rpsox@rpsgroup.com

MAKING COMPLEX EASY

O:_TRANSPORT\JNY9624\Tech\Drawings\9624-0004-005.mxd

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N

Pen-onn
Pen-marc / Penmark
River Waycock
Maes Awyr Caerdydd-Cymru/Cardiff - Wales Airport
Rhoose Cardiff International Airport
Hood Road
Barry
Colcot
Lower Porthkerry
Porthceri / Porthkerry
The Knap
Ffont-y-Gari / Font-y-gary
Y Rhws / Rhoose
Woodhouse

Legend
- Site centre
- Site boundary
- 5 minutes
- 10 minutes
- 15 minutes
- 20 minutes
- 25 minutes
- 30 minutes
- 35 minutes
- 40 minutes

Rev	Description	By	CB	Date

Figure Number: 4 | Rev: -

rpsgroup.com

Client: Legal and General Capital

Project: Model Farm

Title: Eastern Walk Isochrone

0 250 500 m

Status	Drawn By	PM/Checked By
DRAFT	BG	CM
Project Number	**Scale @ A3**	**Date Created**
JNY9624	1:17,000	MAR 2019

20 Western Avenue, Milton Park,
Abingdon, Oxfordshire, OX14 4SH
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2. If received electronically it is the recipients responsibility to print to correct scale. Only written dimensions should be used.

N

Eastbrook
Dinas Powys
Cadoxton
Barry Docks
Hood Road
Barry
Barry Island
Rhoose Cardiff International Airport

Legend

- Site centre
- Site boundary
- 1 minute cycle
- 2 minute cycle
- 3 minute cycle
- 4 minute cycle
- 5 minute cycle
- 6 minute cycle
- 7 minute cycle
- 8 minute cycle
- 9 minute cycle
- 10 minute cycle
- 11 minute cycle
- 12 minute cycle
- 13 minute cycle
- 14 minute cycle
- 15 minute cycle
- 16 minute cycle
- 17 minute cycle
- 18 minute cycle
- 19 minute cycle
- 20 minute cycle
- 21 minute cycle
- 22 minute cycle
- 23 minute cycle
- 24 minute cycle
- 25 minute cycle

Rev	Description	By	CB	Date

Figure Number: 2
Rev: -

rpsgroup.com

Client: Legal and General Capital

Project: Model Farm

Title: Cycle Isochrone

0 500 1,000 m

Status	Drawn By	PM/Checked By
DRAFT	CR	CM
Project Number	**Scale @ A3**	**Date Created**
JNY9624	1:40,000	MAR 2019

20 Western Avenue, Milton Park,
Abingdon, Oxfordshire, OX14 4SH
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Appendix C – B1 Use TRICS Output Report

Calculation Reference: AUDIT-515501-190208-0224

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	SOUTH EAST		
	HF	HERTFORDSHIRE	1 days
04	EAST ANGLIA		
	CA	CAMBRIDGESHIRE	1 days
05	EAST MIDLANDS		
	LN	LINCOLNSHIRE	1 days
06	WEST MIDLANDS		
	HE	HEREFORDSHIRE	1 days
	WM	WEST MIDLANDS	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE		
	WY	WEST YORKSHIRE	1 days
09	NORTH		
	TW	TYNE & WEAR	1 days
10	WALES		
	CF	CARDIFF	1 days
	CP	CAERPHILLY	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: 5000 to 34616 (units: sqm)
Range Selected by User: 5000 to 132084 (units: sqm)

Parking Spaces Range: Selected: 7 to 4167 Actual: 7 to 4167

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/08 to 13/03/18

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

Selected survey days:

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

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

Selected survey types:

Manual count	9 days
Directional ATC Count	0 days

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

Selected Locations:

Edge of Town	8
Neighbourhood Centre (PPS6 Local Centre)	1

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

Selected Location Sub Categories:

Industrial Zone	2
Commercial Zone	4
Development Zone	1
Village	1
No Sub Category	1

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

Secondary Filtering selection:

Use Class:

B1	8 days

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

Population within 1 mile:

1,001 to 5,000	2 days
5,001 to 10,000	2 days
10,001 to 15,000	3 days
15,001 to 20,000	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	1 days
25,001 to 50,000	1 days
50,001 to 75,000	1 days
125,001 to 250,000	3 days
250,001 to 500,000	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	4 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	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 CA-02-B-02 BUSINESS PARK CAMBRIDGESHIRE
LYNCH WOOD
PETERBOROUGH

Edge of Town
Commercial Zone
Total Gross floor area: 12800 sqm
Survey date: WEDNESDAY *19/10/16* *Survey Type: MANUAL*

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

3 CP-02-B-01 BUSINESS PARK CAERPHILLY
VAN ROAD
CAERPHILLY

Edge of Town
Commercial Zone
Total Gross floor area: 14450 sqm
Survey date: TUESDAY *17/07/12* *Survey Type: MANUAL*

4 HE-02-B-01 BUSINESS PARK HEREFORDSHIRE
A4103
NEAR HEREFORD
WHITESTONE
Neighbourhood Centre (PPS6 Local Centre)
Village
Total Gross floor area: 18808 sqm
Survey date: TUESDAY *13/09/11* *Survey Type: MANUAL*

5 HF-02-B-01 BUSINESS PARK HERTFORDSHIRE
ST ALBANS ROAD WEST
HATFIELD

Edge of Town
Commercial Zone
Total Gross floor area: 26000 sqm
Survey date: MONDAY *07/07/08* *Survey Type: MANUAL*

6 LN-02-B-02 BUSINESS PARK LINCOLNSHIRE
CARDINAL CLOSE
LINCOLN

Edge of Town
Industrial Zone
Total Gross floor area: 5000 sqm
Survey date: THURSDAY *25/06/15* *Survey Type: MANUAL*

7 TW-02-B-04 BUSINESS PARK TYNE & WEAR
KINGFISHER BOULEVARD
NEWCASTLE UPON TYNE
LEMINGTON
Edge of Town
Industrial Zone
Total Gross floor area: 38853 sqm
Survey date: THURSDAY *11/12/08* *Survey Type: MANUAL*

8 WM-02-B-02 BUSINESS PARK WEST MIDLANDS
PARADISE WAY
COVENTRY

Edge of Town
Development Zone
Total Gross floor area: 12800 sqm
Survey date: FRIDAY *11/11/16* *Survey Type: MANUAL*

9 WY-02-B-02 BUSINESS PARK WEST YORKSHIRE
ARMITAGE BRIDGE
HUDDERSFIELD

Edge of Town
No Sub Category
Total Gross floor area: 9200 sqm
Survey date: WEDNESDAY *23/04/14* *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
CA-02-B-03	HIGH PT
CA-02-B-03	HIGH PT
CF-02-B-04	HIGH PT
FA-02-B-02	HIGH PT
FI-02-B-01	HIGH PT

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	9	15652	0.595	9	15652	0.089	9	15652	0.684
08:00 - 09:00	9	15652	1.313	9	15652	0.217	9	15652	1.530
09:00 - 10:00	9	15652	0.718	9	15652	0.258	9	15652	0.976
10:00 - 11:00	9	15652	0.276	9	15652	0.208	9	15652	0.484
11:00 - 12:00	9	15652	0.221	9	15652	0.236	9	15652	0.457
12:00 - 13:00	9	15652	0.327	9	15652	0.429	9	15652	0.756
13:00 - 14:00	9	15652	0.400	9	15652	0.354	9	15652	0.754
14:00 - 15:00	9	15652	0.248	9	15652	0.288	9	15652	0.536
15:00 - 16:00	9	15652	0.195	9	15652	0.405	9	15652	0.600
16:00 - 17:00	9	15652	0.175	9	15652	0.861	9	15652	1.036
17:00 - 18:00	9	15652	0.156	9	15652	0.995	9	15652	1.151
18:00 - 19:00	8	16659	0.073	8	16659	0.358	8	16659	0.431
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			4.697			4.698			9.395

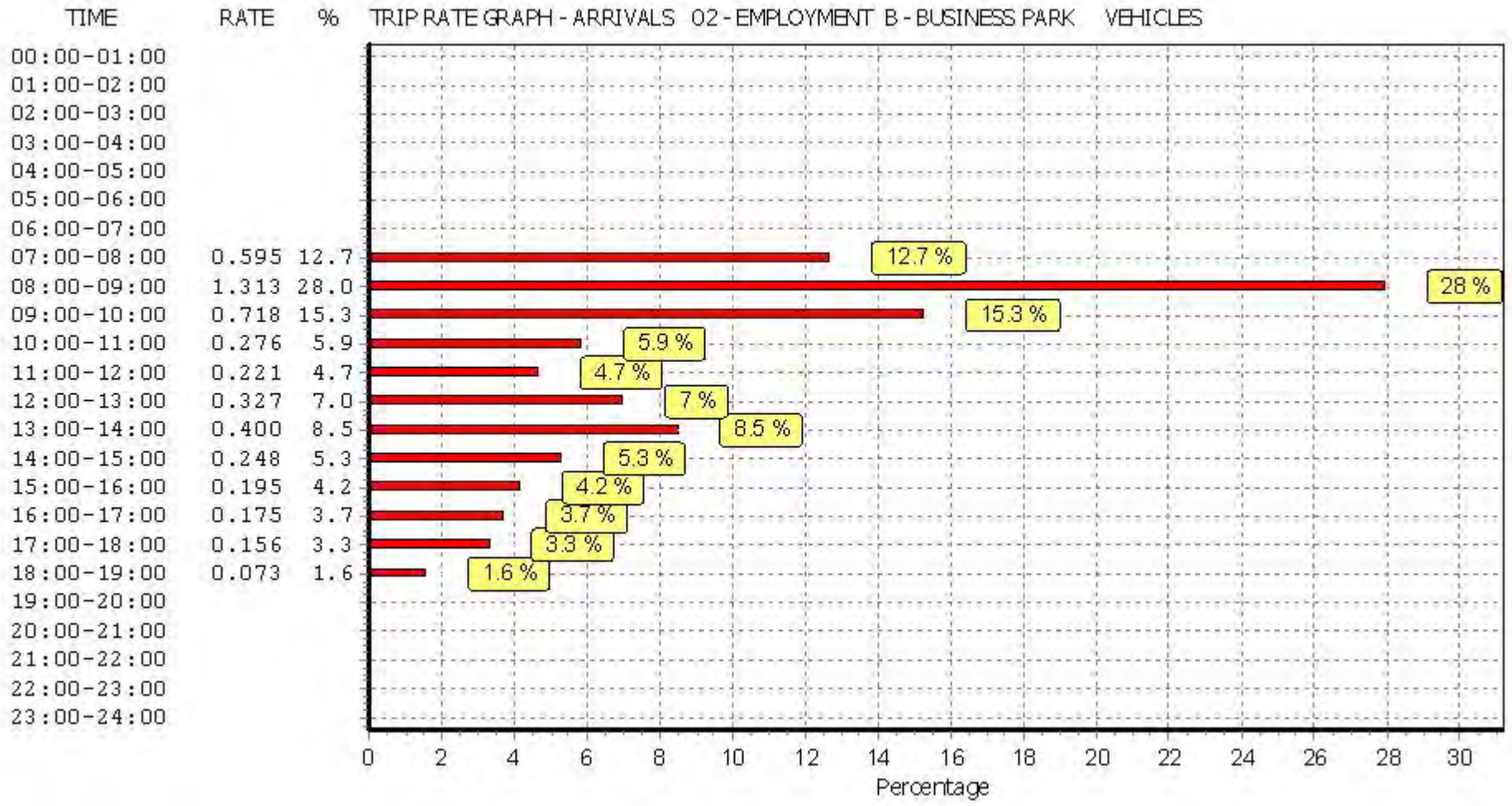
This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are 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

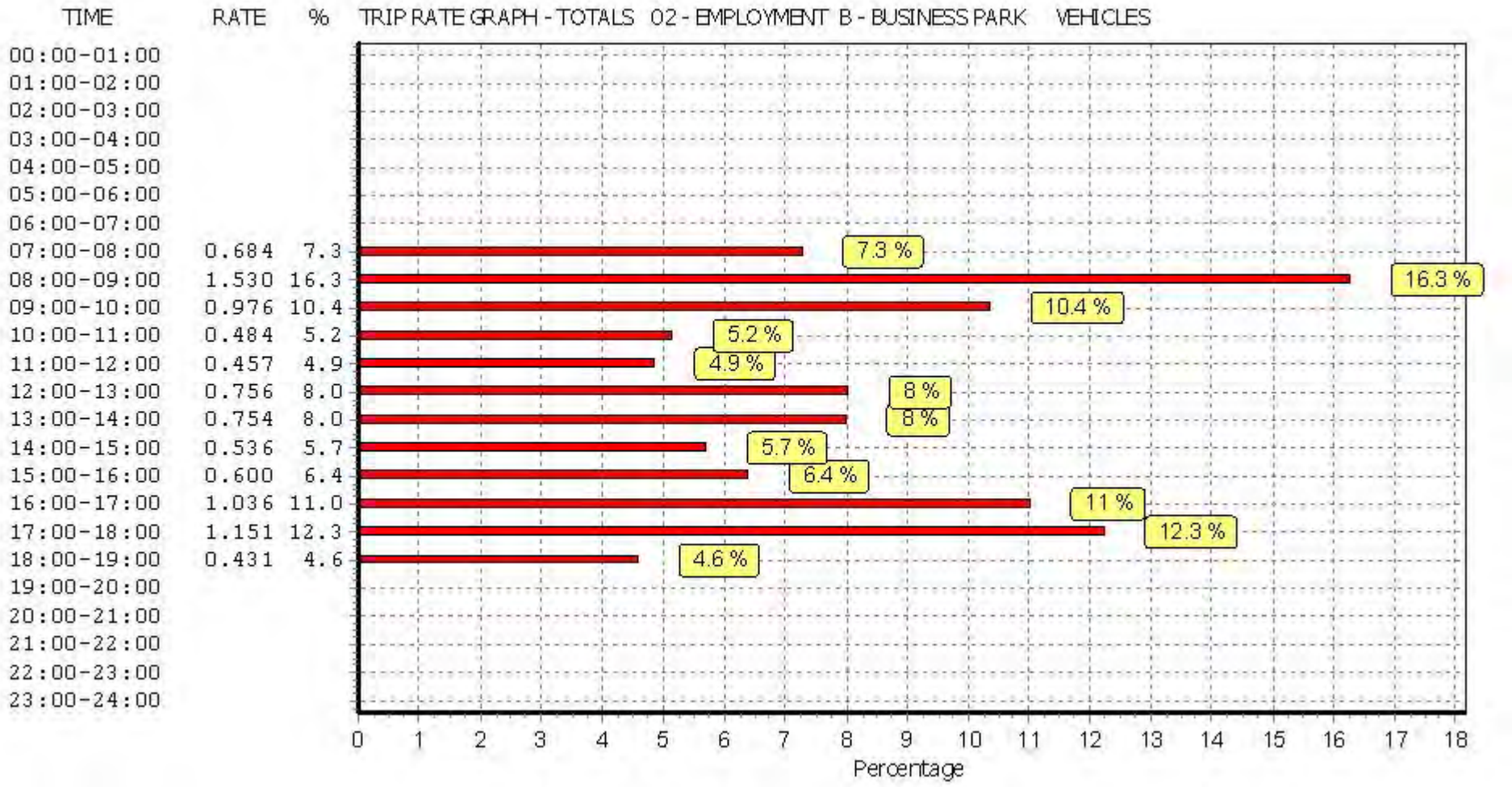
Trip rate parameter range selected:	5000 - 34616 (units: sqm)
Survey date date range:	01/01/08 - 13/03/18
Number of weekdays (Monday-Friday):	9
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	-1
Surveys manually removed from selection:	5

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.



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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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	8	16984	0.003	8	16984	0.003	8	16984	0.006
08:00 - 09:00	9	15652	0.013	9	15652	0.013	9	15652	0.026
09:00 - 10:00	9	15652	0.015	9	15652	0.014	9	15652	0.029
10:00 - 11:00	9	15652	0.003	9	15652	0.004	9	15652	0.007
11:00 - 12:00	9	15652	0.002	9	15652	0.002	9	15652	0.004
12:00 - 13:00	9	15652	0.006	9	15652	0.007	9	15652	0.013
13:00 - 14:00	9	15652	0.002	9	15652	0.002	9	15652	0.004
14:00 - 15:00	9	15652	0.009	9	15652	0.008	9	15652	0.017
15:00 - 16:00	9	15652	0.004	9	15652	0.003	9	15652	0.007
16:00 - 17:00	9	15652	0.006	9	15652	0.008	9	15652	0.014
17:00 - 18:00	9	15652	0.009	9	15652	0.009	9	15652	0.018
18:00 - 19:00	8	16659	0.004	8	16659	0.005	8	16659	0.009
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.076			0.078			0.154

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

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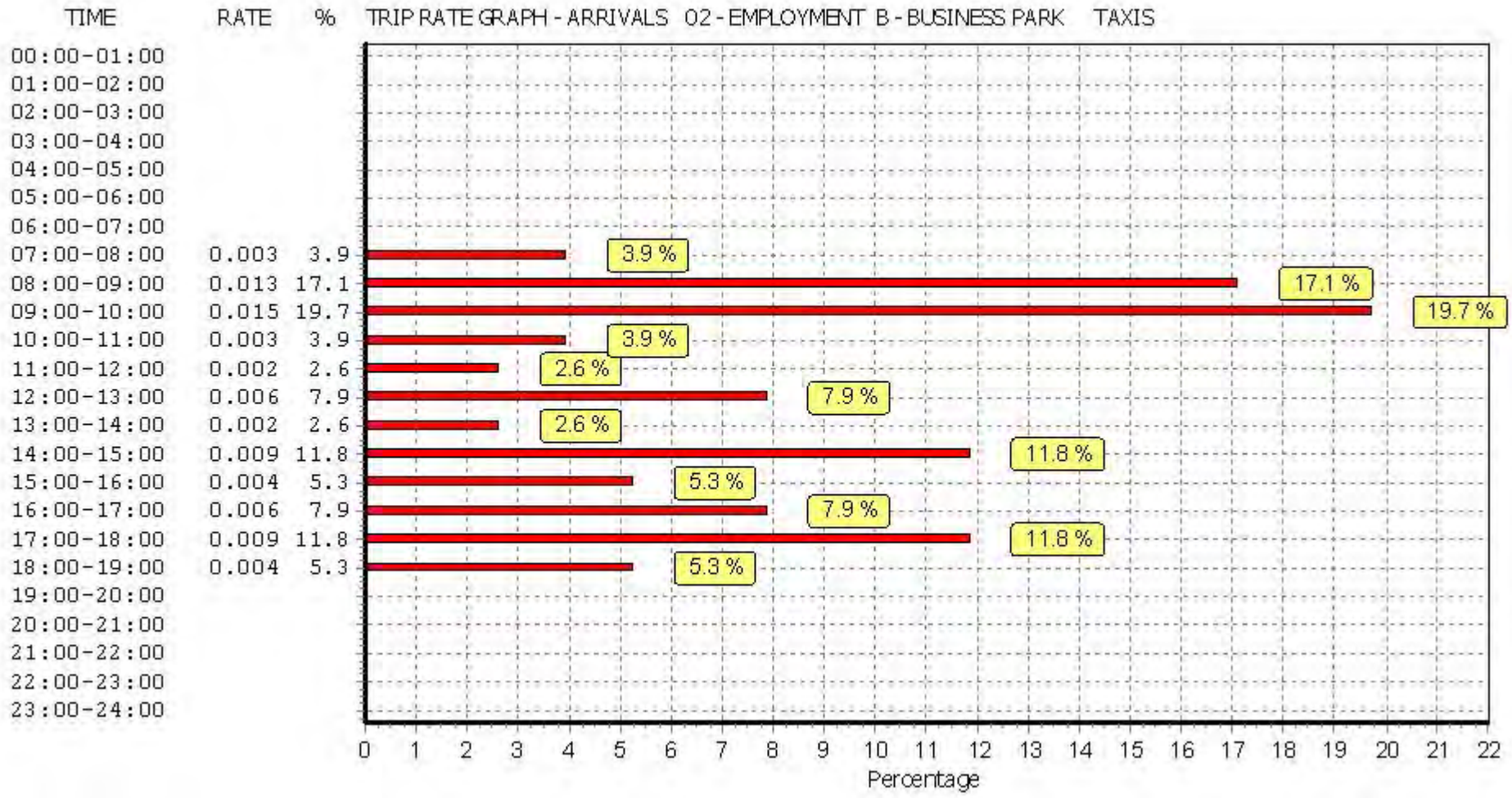
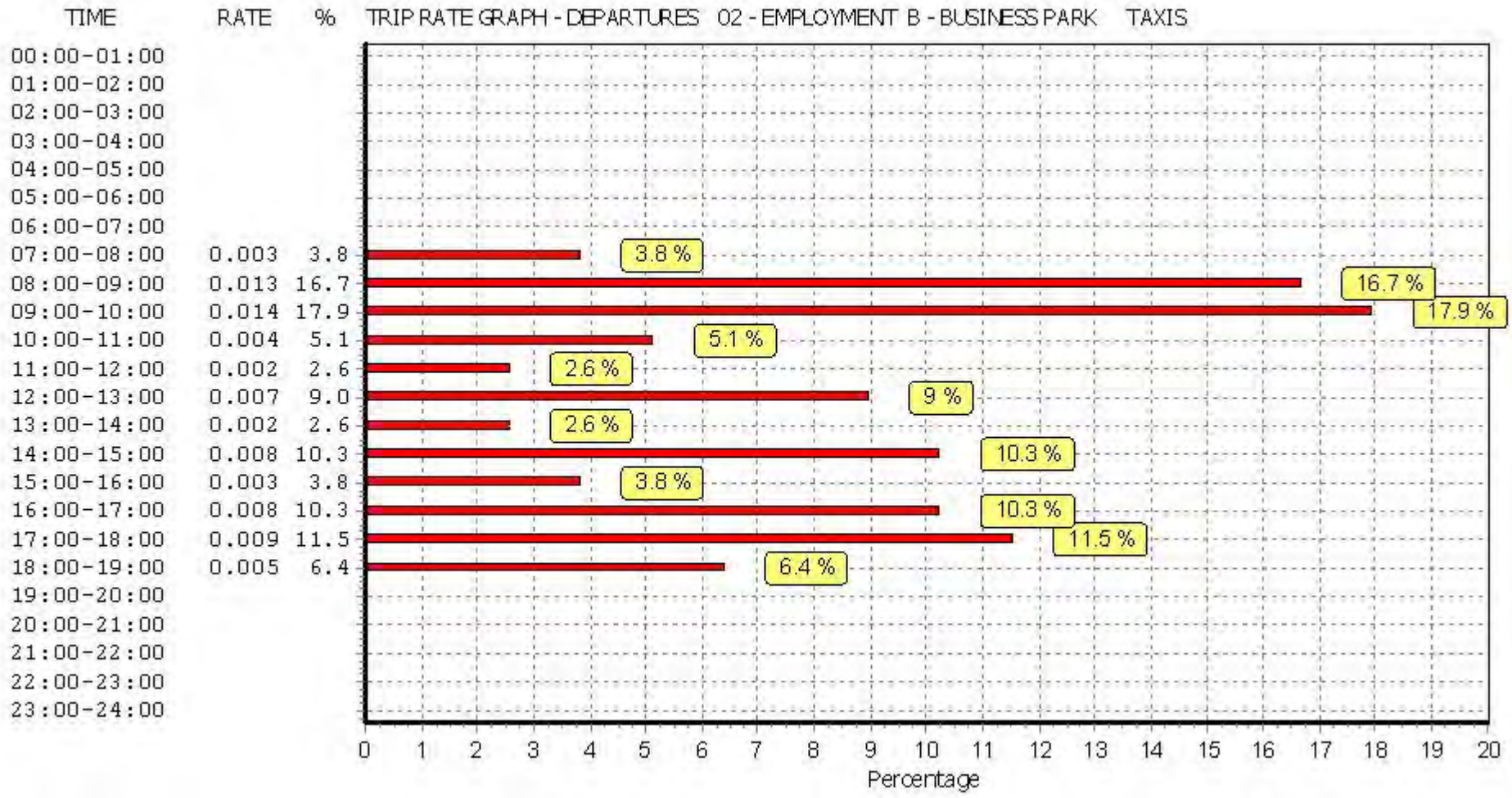


This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through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



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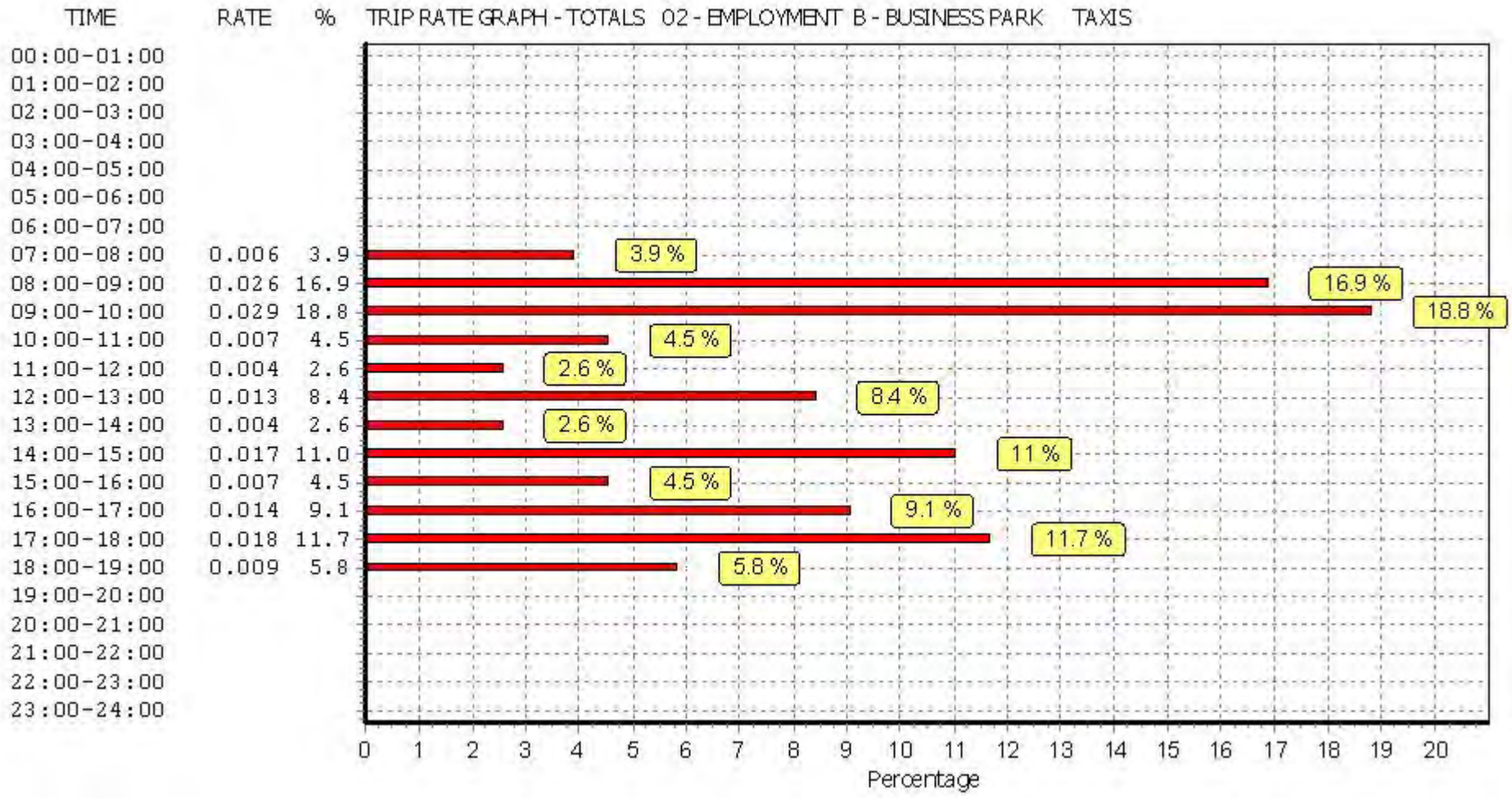

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TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK
OGVS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

	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	9	15652	0.010	9	15652	0.009	9	15652	0.019
08:00 - 09:00	9	15652	0.020	9	15652	0.014	9	15652	0.034
09:00 - 10:00	9	15652	0.023	9	15652	0.023	9	15652	0.046
10:00 - 11:00	9	15652	0.009	9	15652	0.016	9	15652	0.025
11:00 - 12:00	9	15652	0.016	9	15652	0.012	9	15652	0.028
12:00 - 13:00	9	15652	0.012	9	15652	0.013	9	15652	0.025
13:00 - 14:00	9	15652	0.011	9	15652	0.016	9	15652	0.027
14:00 - 15:00	9	15652	0.011	9	15652	0.008	9	15652	0.019
15:00 - 16:00	9	15652	0.011	9	15652	0.008	9	15652	0.019
16:00 - 17:00	9	15652	0.006	9	15652	0.010	9	15652	0.016
17:00 - 18:00	9	15652	0.001	9	15652	0.002	9	15652	0.003
18:00 - 19:00	7	17456	0.001	7	17456	0.000	7	17456	0.001
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.131			0.131			0.262

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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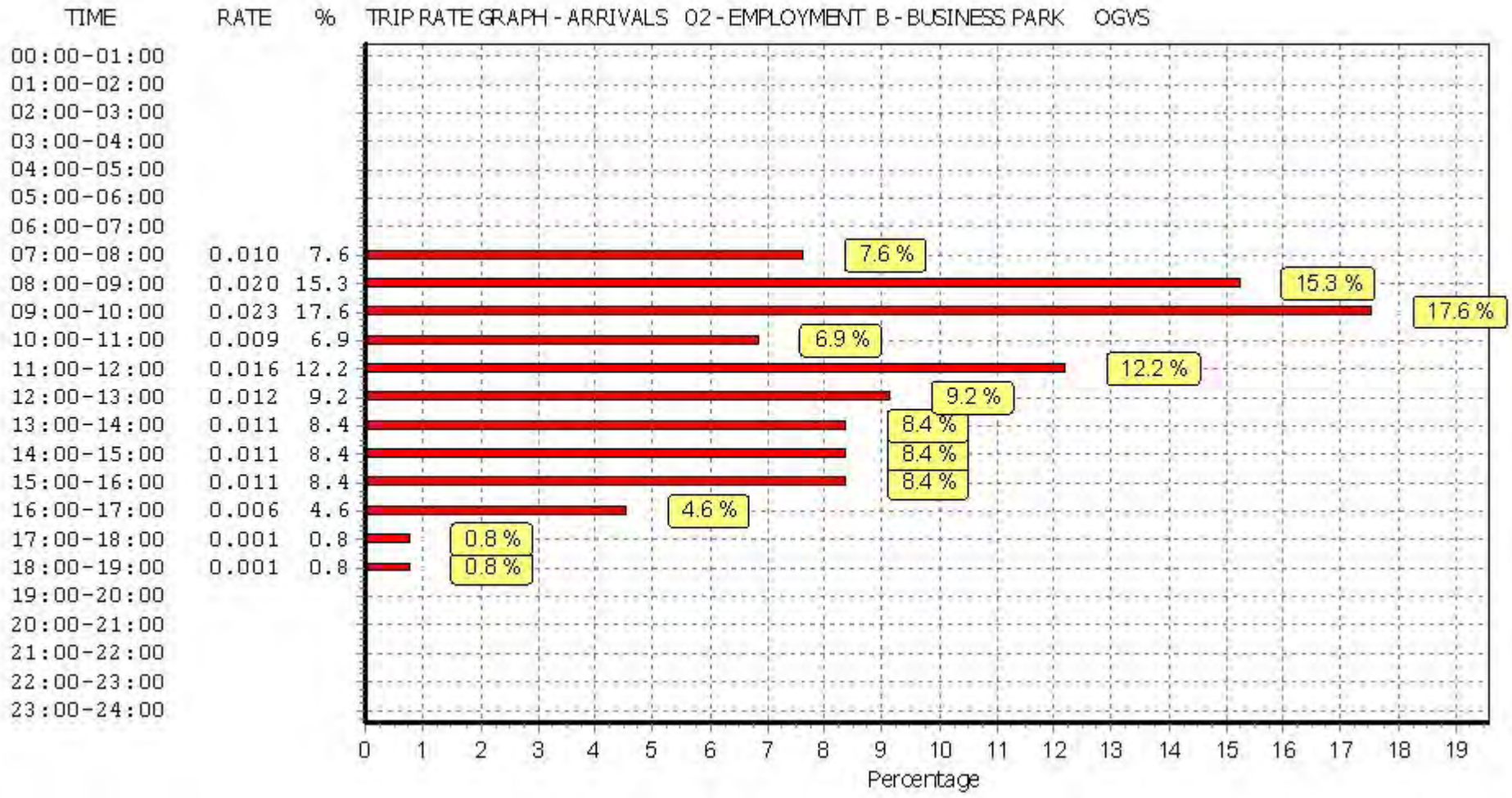
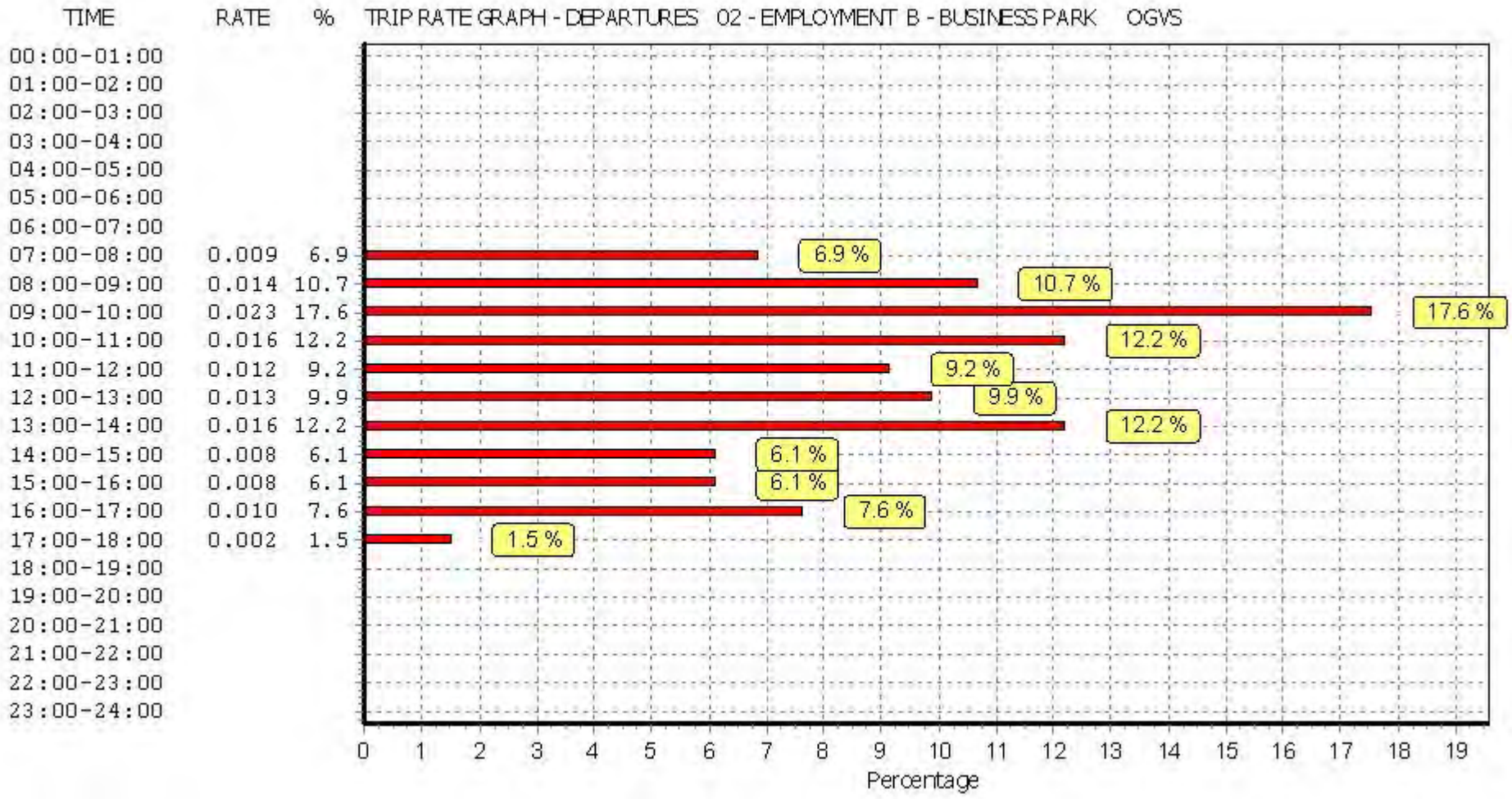


This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through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



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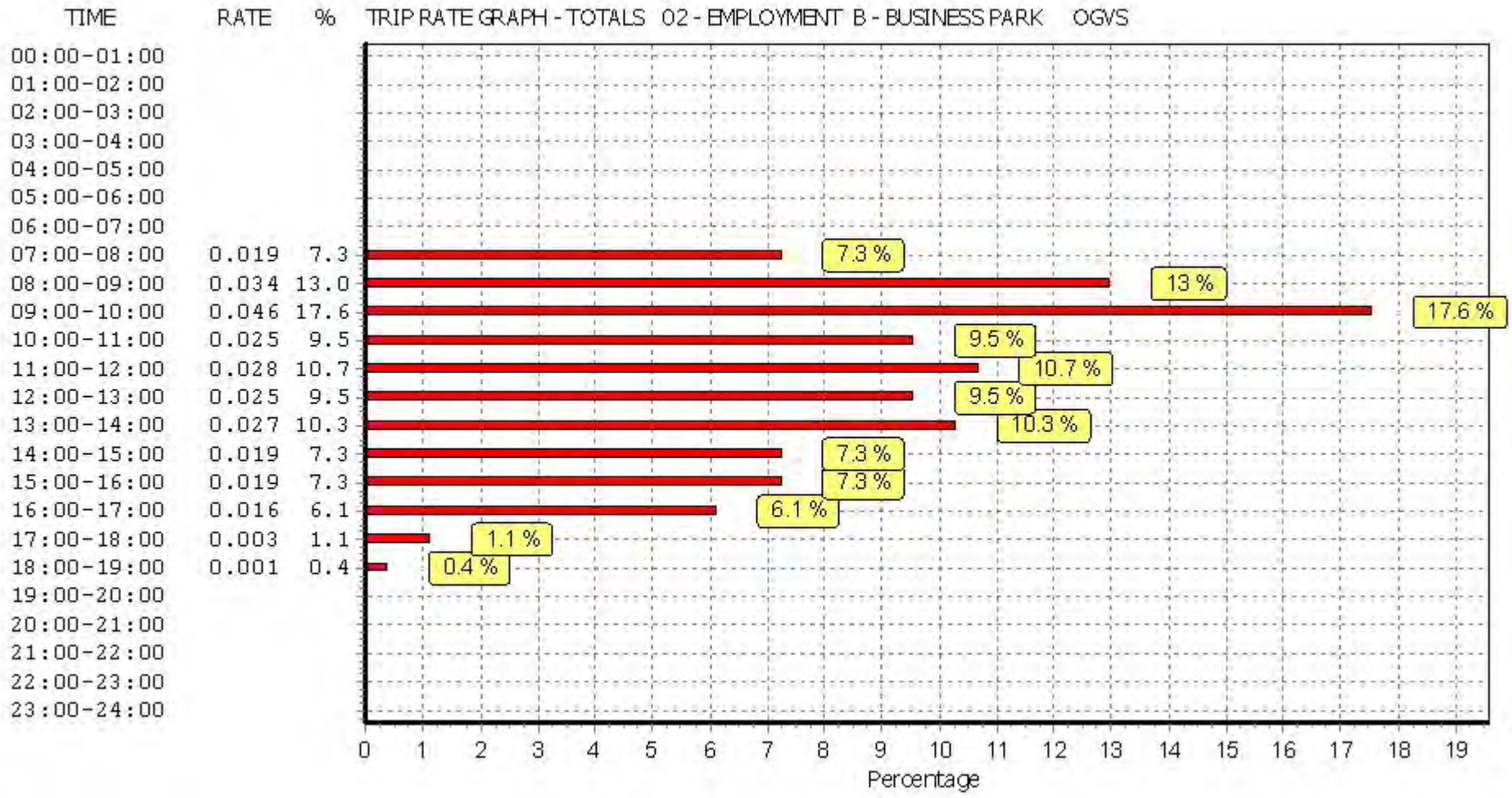

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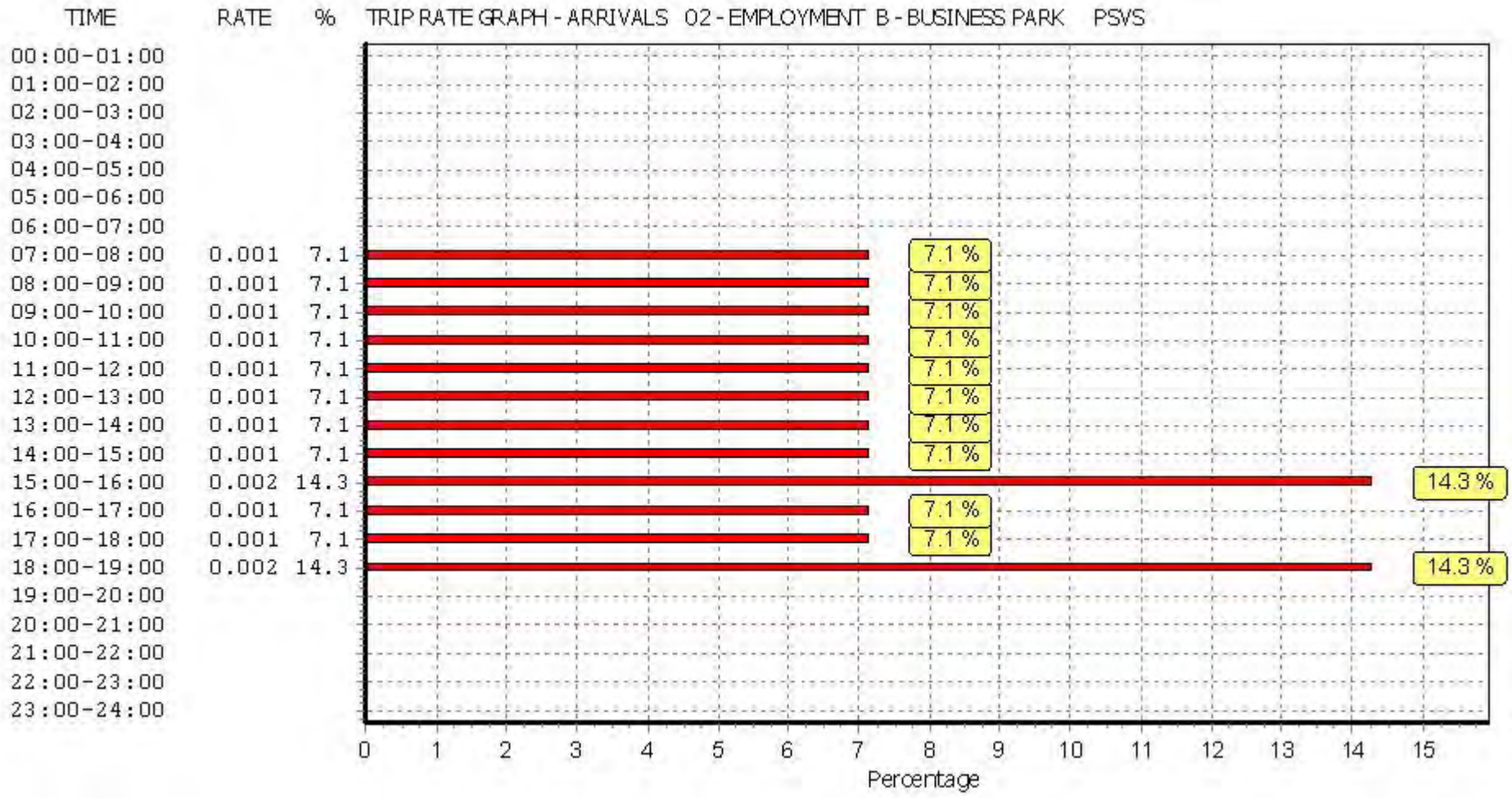
TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK
PSVS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

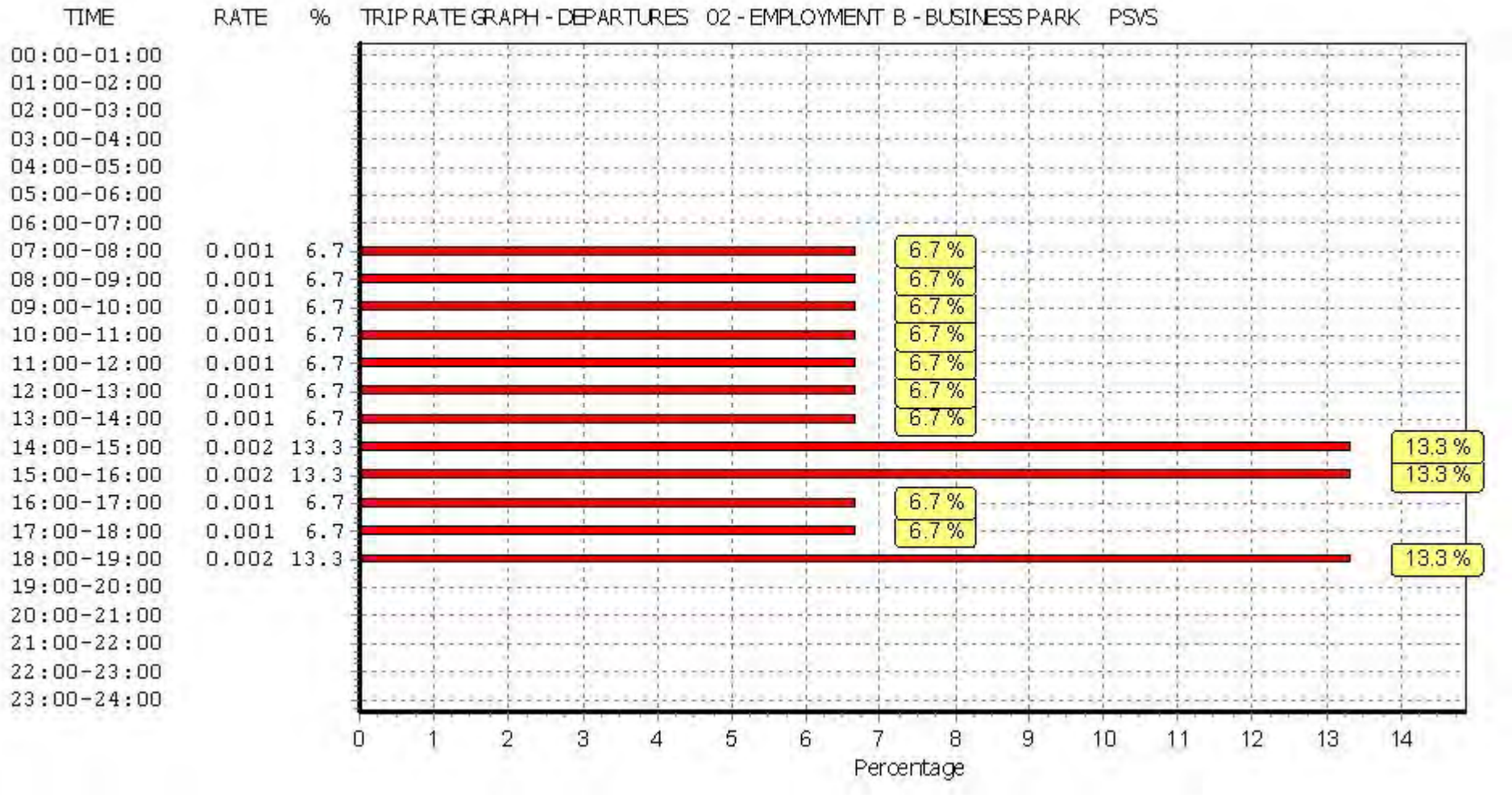
	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	9	15652	0.001	9	15652	0.001	9	15652	0.002
08:00 - 09:00	9	15652	0.001	9	15652	0.001	9	15652	0.002
09:00 - 10:00	9	15652	0.001	9	15652	0.001	9	15652	0.002
10:00 - 11:00	9	15652	0.001	9	15652	0.001	9	15652	0.002
11:00 - 12:00	9	15652	0.001	9	15652	0.001	9	15652	0.002
12:00 - 13:00	9	15652	0.001	9	15652	0.001	9	15652	0.002
13:00 - 14:00	9	15652	0.001	9	15652	0.001	9	15652	0.002
14:00 - 15:00	9	15652	0.001	9	15652	0.002	9	15652	0.003
15:00 - 16:00	9	15652	0.002	9	15652	0.002	9	15652	0.004
16:00 - 17:00	9	15652	0.001	9	15652	0.001	9	15652	0.002
17:00 - 18:00	9	15652	0.001	9	15652	0.001	9	15652	0.002
18:00 - 19:00	8	16659	0.002	8	16659	0.002	8	16659	0.004
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.014			0.015			0.029

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

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



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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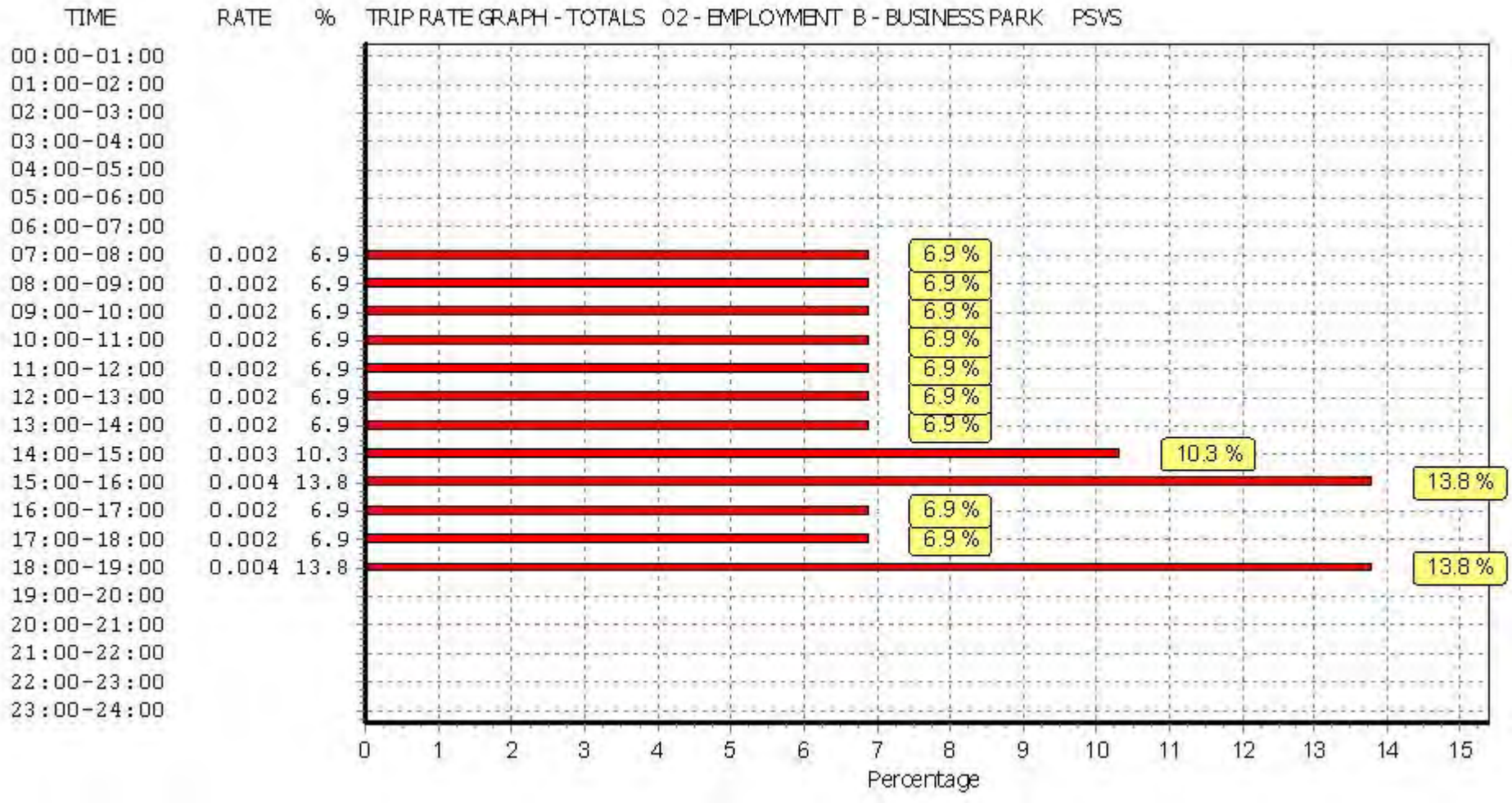

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TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK
CYCLISTS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

	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	9	15652	0.004	9	15652	0.000	9	15652	0.004
08:00 - 09:00	9	15652	0.018	9	15652	0.001	9	15652	0.019
09:00 - 10:00	9	15652	0.005	9	15652	0.001	9	15652	0.006
10:00 - 11:00	9	15652	0.001	9	15652	0.001	9	15652	0.002
11:00 - 12:00	9	15652	0.001	9	15652	0.001	9	15652	0.002
12:00 - 13:00	9	15652	0.003	9	15652	0.002	9	15652	0.005
13:00 - 14:00	9	15652	0.002	9	15652	0.001	9	15652	0.003
14:00 - 15:00	9	15652	0.001	9	15652	0.002	9	15652	0.003
15:00 - 16:00	9	15652	0.000	9	15652	0.009	9	15652	0.009
16:00 - 17:00	9	15652	0.000	9	15652	0.008	9	15652	0.008
17:00 - 18:00	9	15652	0.002	9	15652	0.010	9	15652	0.012
18:00 - 19:00	8	16659	0.000	8	16659	0.003	8	16659	0.003
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.037			0.039			0.076

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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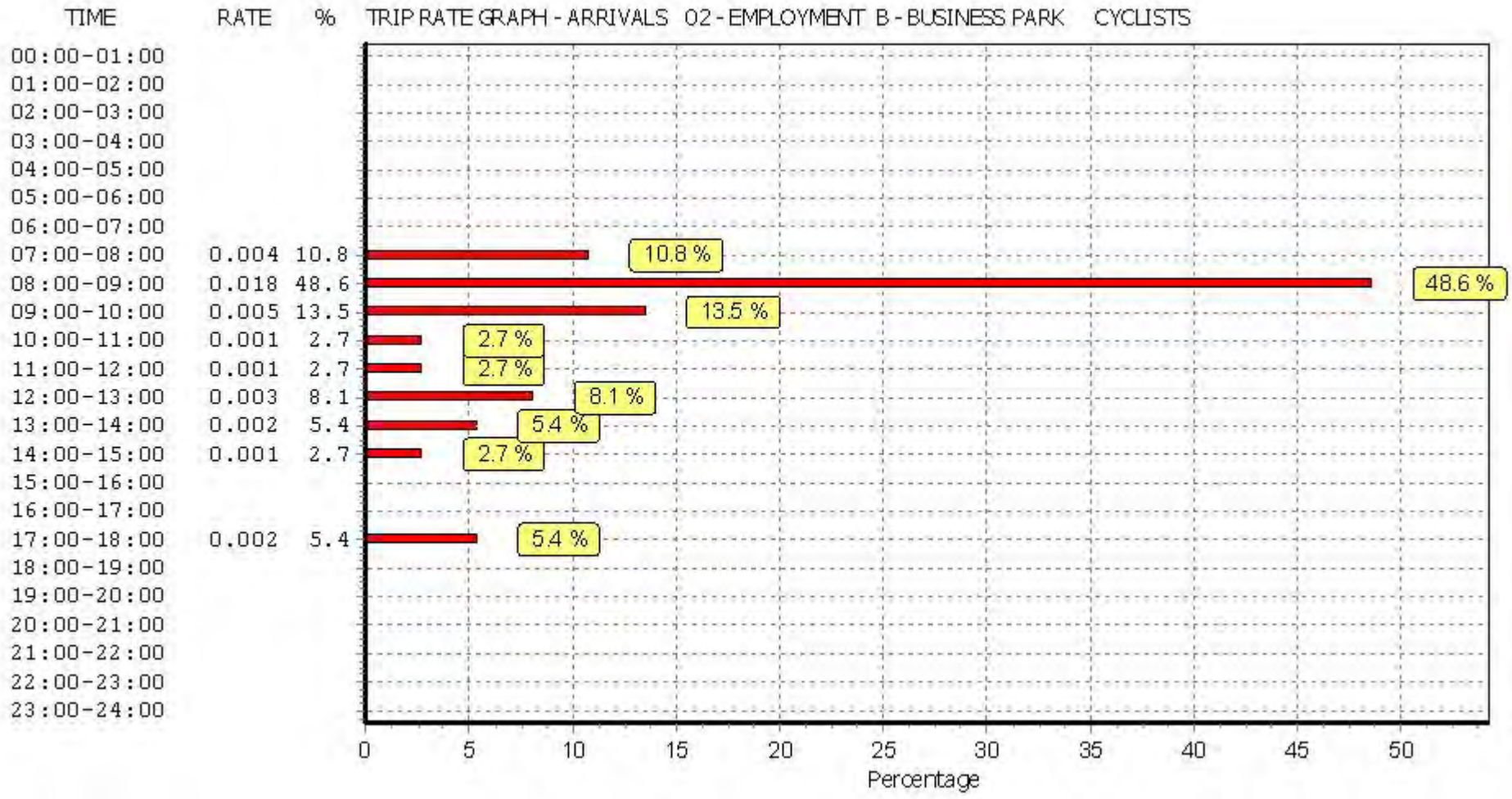

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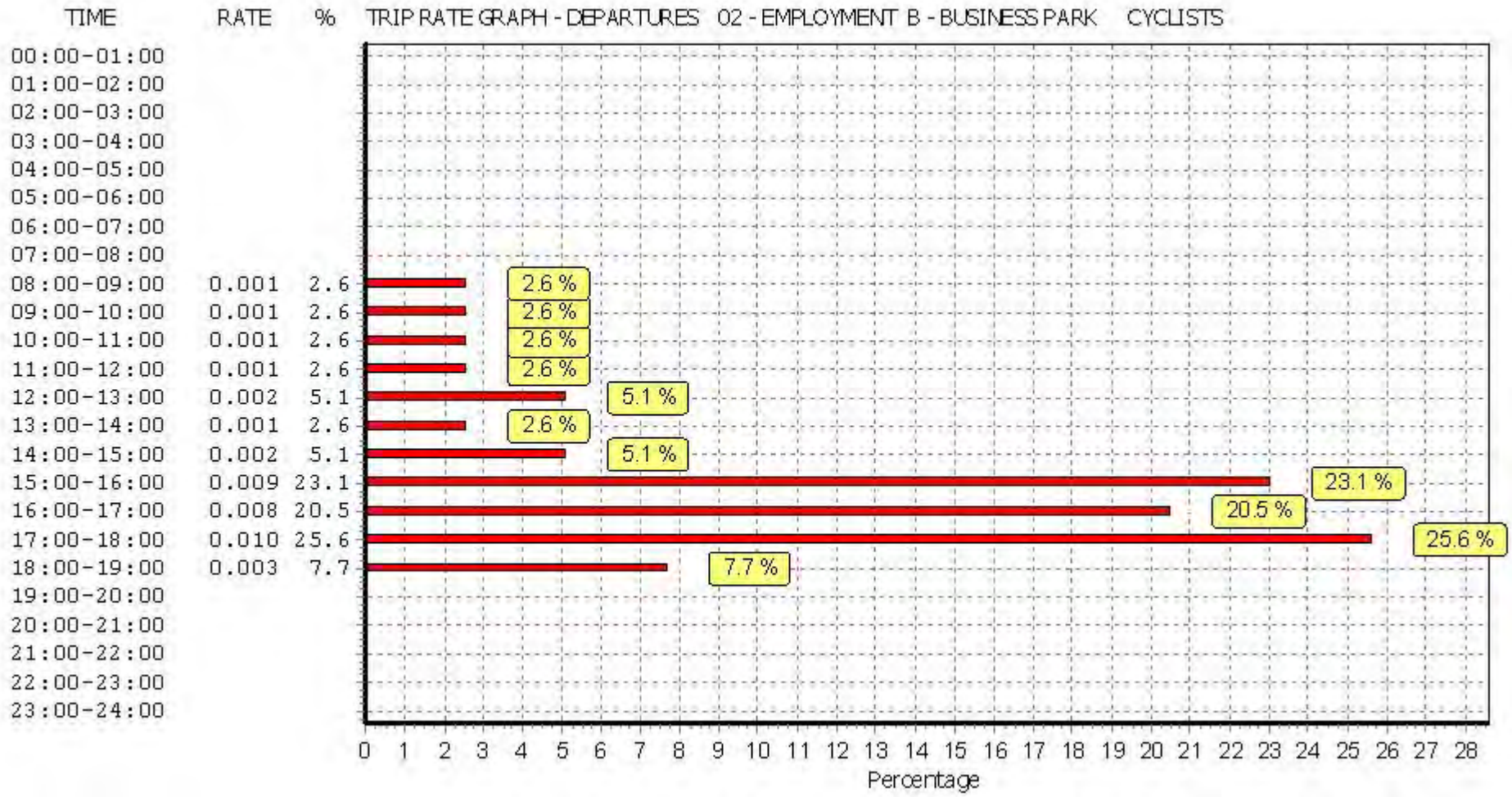

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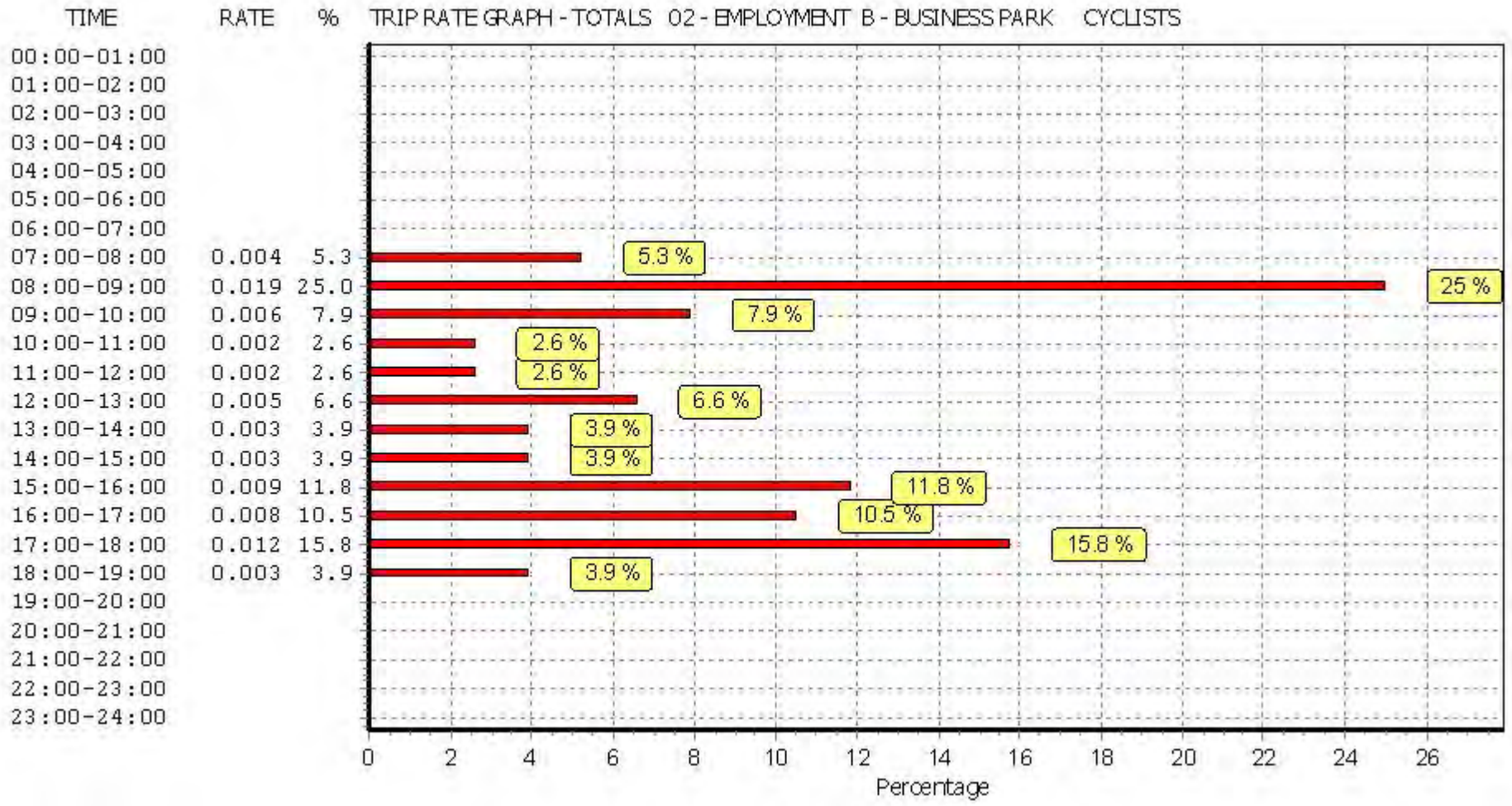

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Appendix D – B2 Use TRICS Output Report

Calculation Reference: AUDIT-515501-190213-0243

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	SOUTH EAST		
	KC	KENT	1 days
03	SOUTH WEST		
	DC	DORSET	1 days
11	SCOTLAND		
	AG	ANGUS	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: 7715 to 66725 (units: sqm)
Range Selected by User: 552 to 234115 (units: sqm)

Parking Spaces Range: Selected: 18 to 1800 Actual: 18 to 1800

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/08 to 28/11/17

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:

Monday	1 days
Tuesday	1 days
Wednesday	1 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	2
Free Standing (PPS6 Out of Town)	1

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

Selected Location Sub Categories:

Residential Zone	1
Out of Town	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.

Secondary Filtering selection:

Use Class:

Not Known	1 days
B2	2 days

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

Secondary Filtering selection (Cont.):

Population within 1 mile:

5,001 to 10,000	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:

25,001 to 50,000	2 days
50,001 to 75,000	1 days

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

Car ownership within 5 miles:

1.1 to 1.5	3 days

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

Travel Plan:

No	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

1 AG-02-D-02 INDUSTRIAL ESTATE ANGUS
A933 WESTWAY
ARBROATH
HOSPITALFIELD
Edge of Town
No Sub Category
Total Gross floor area: 78500 sqm
Survey date: TUESDAY 25/04/17 Survey Type: MANUAL

2 DC-02-D-20 INDUSTRIAL ESTATE DORSET
OLD BARN FARM ROAD
NEAR BOURNEMOUTH
THREE LEGGED CROSS
Free Standing (PPS6 Out of Town)
Out of Town
Total Gross floor area: 70000 sqm
Survey date: MONDAY 24/03/14 Survey Type: MANUAL

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

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

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
CA-02-D-02	Below 5000sqm
CB-02-D-04	High Public Transport
CM-02-D-03	Below 5000sqm
CW-02-D-03	High Public Transport
DV-02-D-06	Below 5000sqm
DV-02-D-07	Below 5000sqm
EA-02-D-02	Below 5000sqm
ES-02-D-06	High Public Transport
EX-02-D-02	High Public Transport
FA-02-D-03	Below 5000sqm
FI-02-D-01	High Public Transport
HI-02-D-03	High Public Transport
LC-02-D-05	High Public Transport
LC-02-D-07	Below 5000sqm
LN-02-D-02	Below 5000sqm
MS-02-D-06	Below 5000sqm
NB-02-D-02	High Public Transport
NF-02-D-03	High Public Transport
NR-02-D-01	High Public Transport
TW-02-D-07	High Public Transport
VG-02-D-01	High Public Transport
WM-02-D-02	High Public Transport
WO-02-D-01	Below 5000sqm
WO-02-D-02	High Public Transport
WY-02-D-04	High Public Transport
WY-02-D-05	Below 5000sqm
WY-02-D-06	Below 5000sqm
WY-02-D-07	Below 5000sqm

TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE
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	3	46980	0.253	3	46980	0.099	3	46980	0.352
08:00 - 09:00	3	46980	0.276	3	46980	0.118	3	46980	0.394
09:00 - 10:00	3	46980	0.131	3	46980	0.106	3	46980	0.237
10:00 - 11:00	3	46980	0.118	3	46980	0.112	3	46980	0.230
11:00 - 12:00	3	46980	0.124	3	46980	0.125	3	46980	0.249
12:00 - 13:00	3	46980	0.116	3	46980	0.127	3	46980	0.243
13:00 - 14:00	3	46980	0.160	3	46980	0.126	3	46980	0.286
14:00 - 15:00	3	46980	0.107	3	46980	0.144	3	46980	0.251
15:00 - 16:00	3	46980	0.111	3	46980	0.167	3	46980	0.278
16:00 - 17:00	3	46980	0.188	3	46980	0.245	3	46980	0.433
17:00 - 18:00	3	46980	0.053	3	46980	0.325	3	46980	0.378
18:00 - 19:00	3	46980	0.058	3	46980	0.107	3	46980	0.165
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.695			1.801			3.496

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.

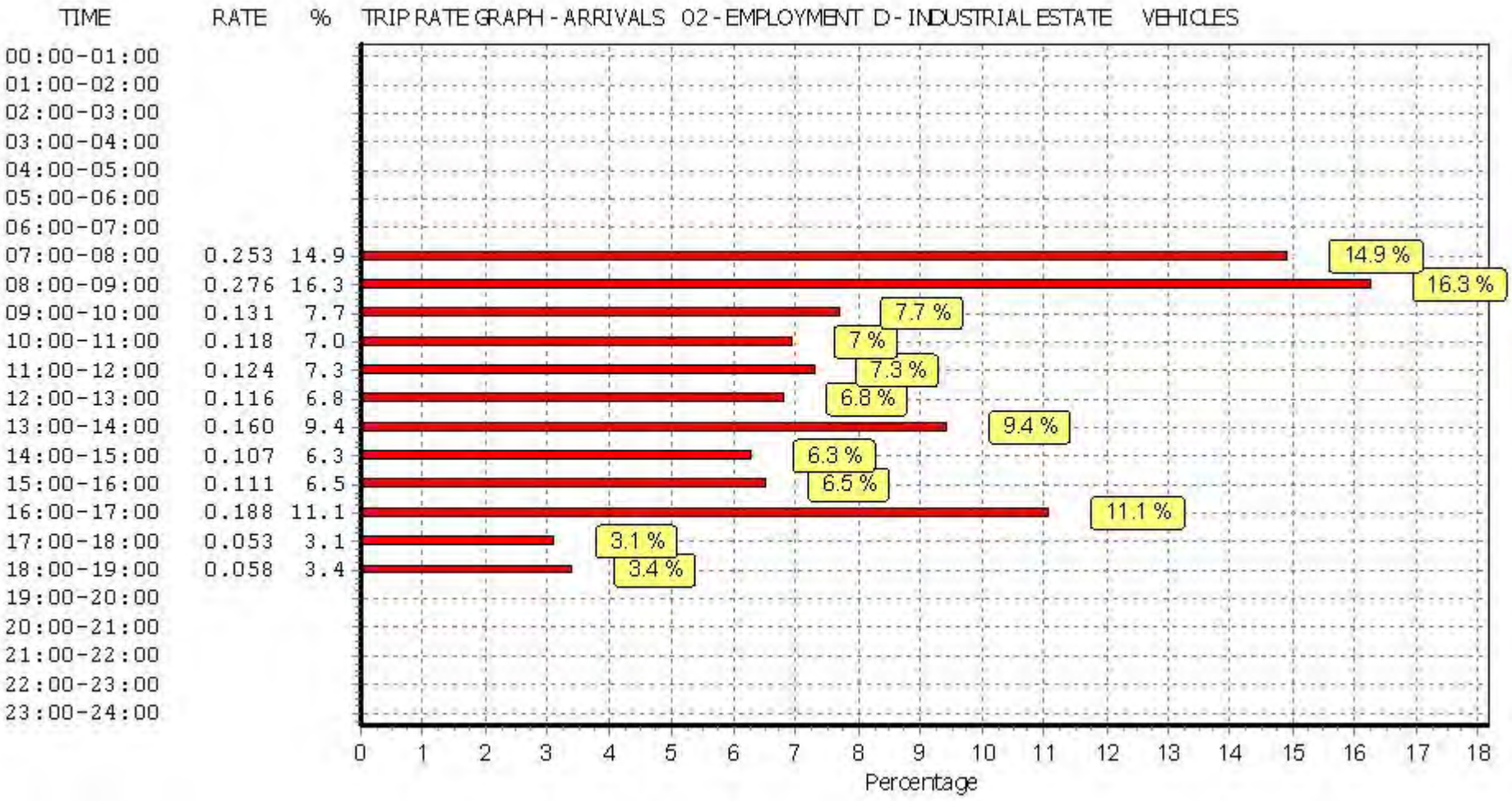
*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected 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:	7715 - 66725 (units: sqm)
Survey date date range:	01/01/08 - 28/11/17
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	2
Surveys manually removed from selection:	28

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.

RPS Group 20 Western Avenue, Milton Park Abingdon Licence No: 515501



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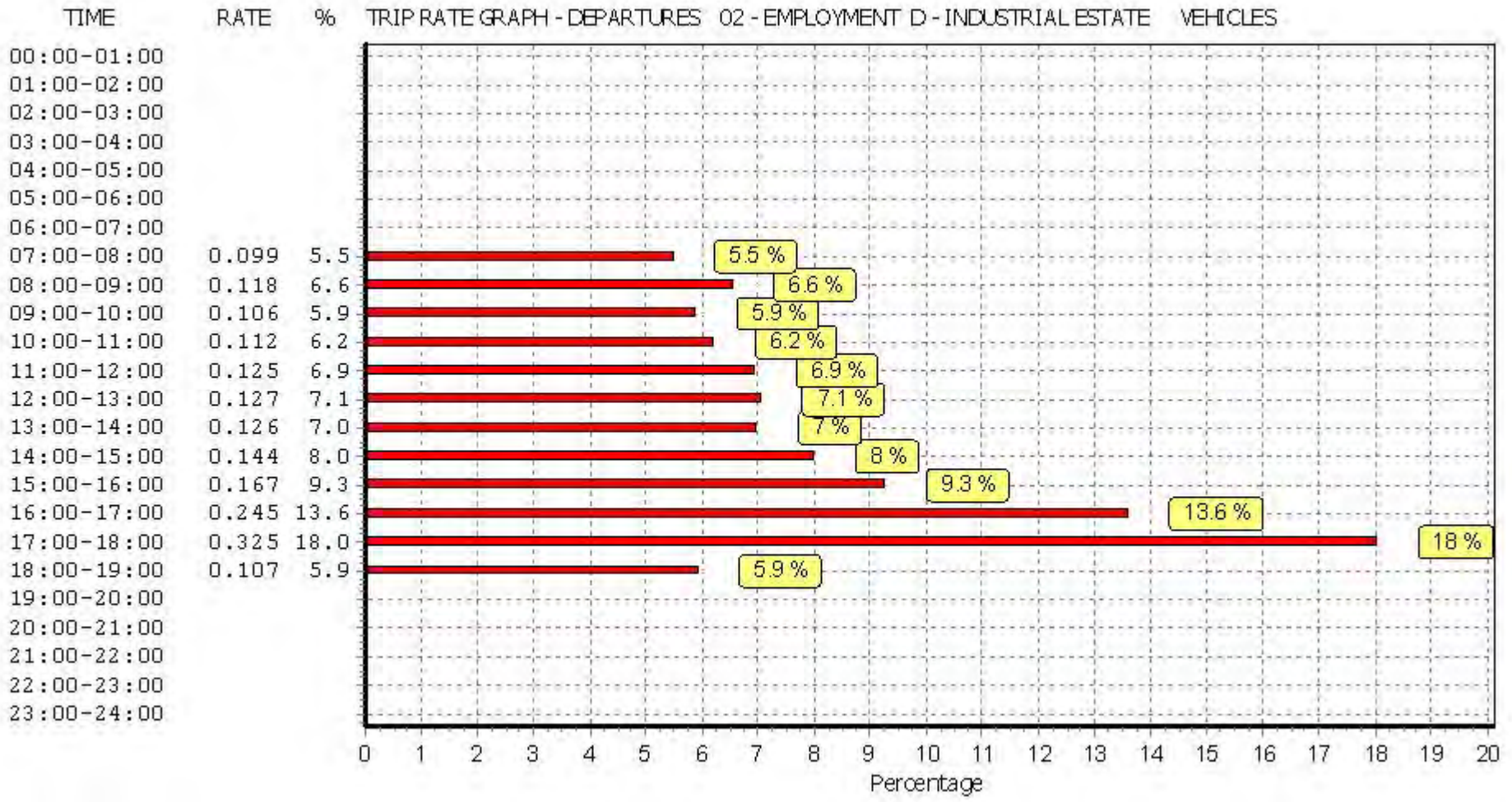

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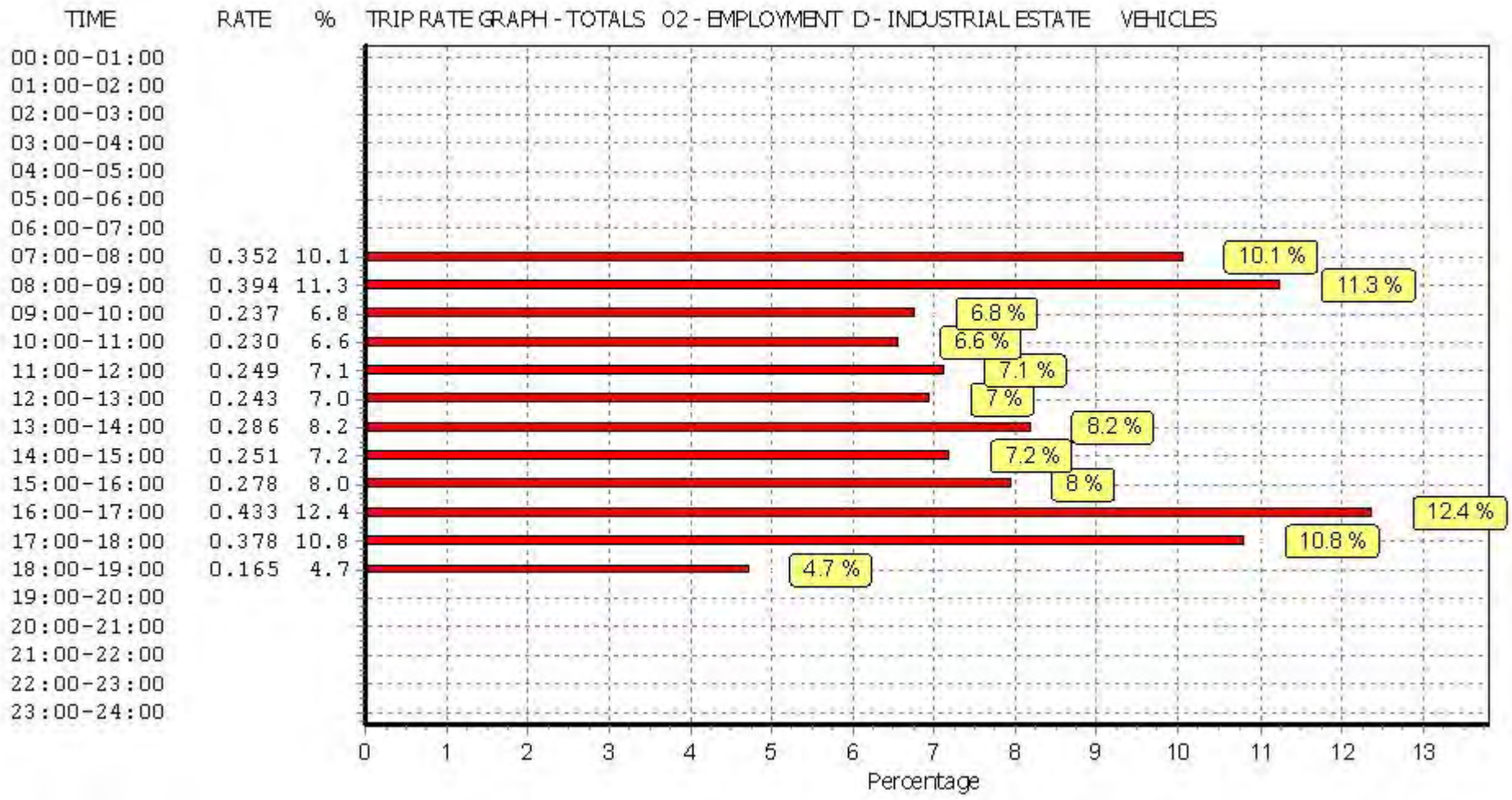

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TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE
TAXIS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

	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	3	46980	0.000	3	46980	0.000	3	46980	0.000
08:00 - 09:00	3	46980	0.001	3	46980	0.001	3	46980	0.002
09:00 - 10:00	3	46980	0.001	3	46980	0.001	3	46980	0.002
10:00 - 11:00	3	46980	0.001	3	46980	0.001	3	46980	0.002
11:00 - 12:00	3	46980	0.000	3	46980	0.000	3	46980	0.000
12:00 - 13:00	3	46980	0.000	3	46980	0.000	3	46980	0.000
13:00 - 14:00	3	46980	0.001	3	46980	0.001	3	46980	0.002
14:00 - 15:00	3	46980	0.001	3	46980	0.001	3	46980	0.002
15:00 - 16:00	3	46980	0.000	3	46980	0.000	3	46980	0.000
16:00 - 17:00	3	46980	0.000	3	46980	0.000	3	46980	0.000
17:00 - 18:00	3	46980	0.001	3	46980	0.001	3	46980	0.002
18:00 - 19:00	3	46980	0.001	3	46980	0.001	3	46980	0.002
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.007			0.007			0.014

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

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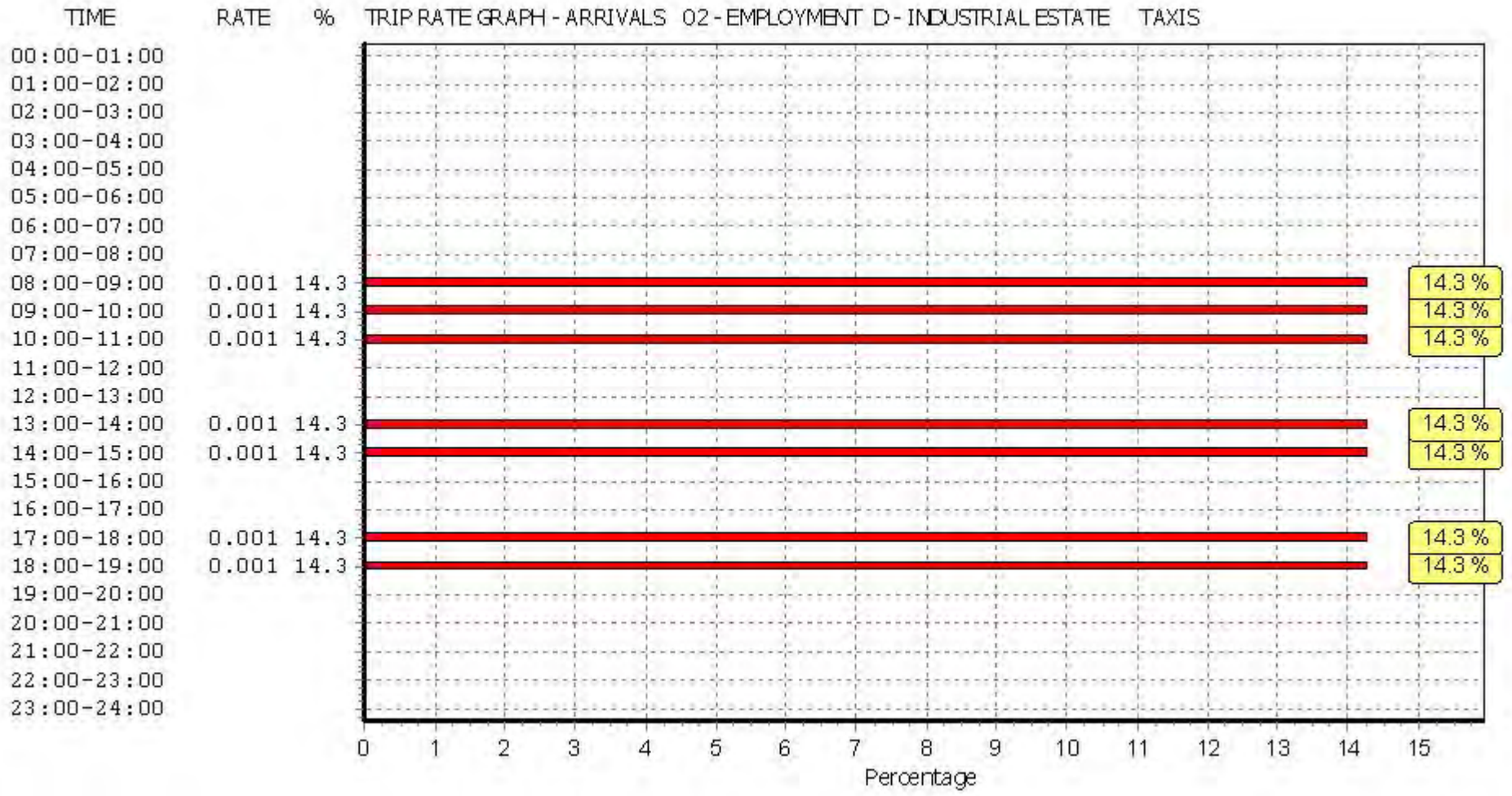
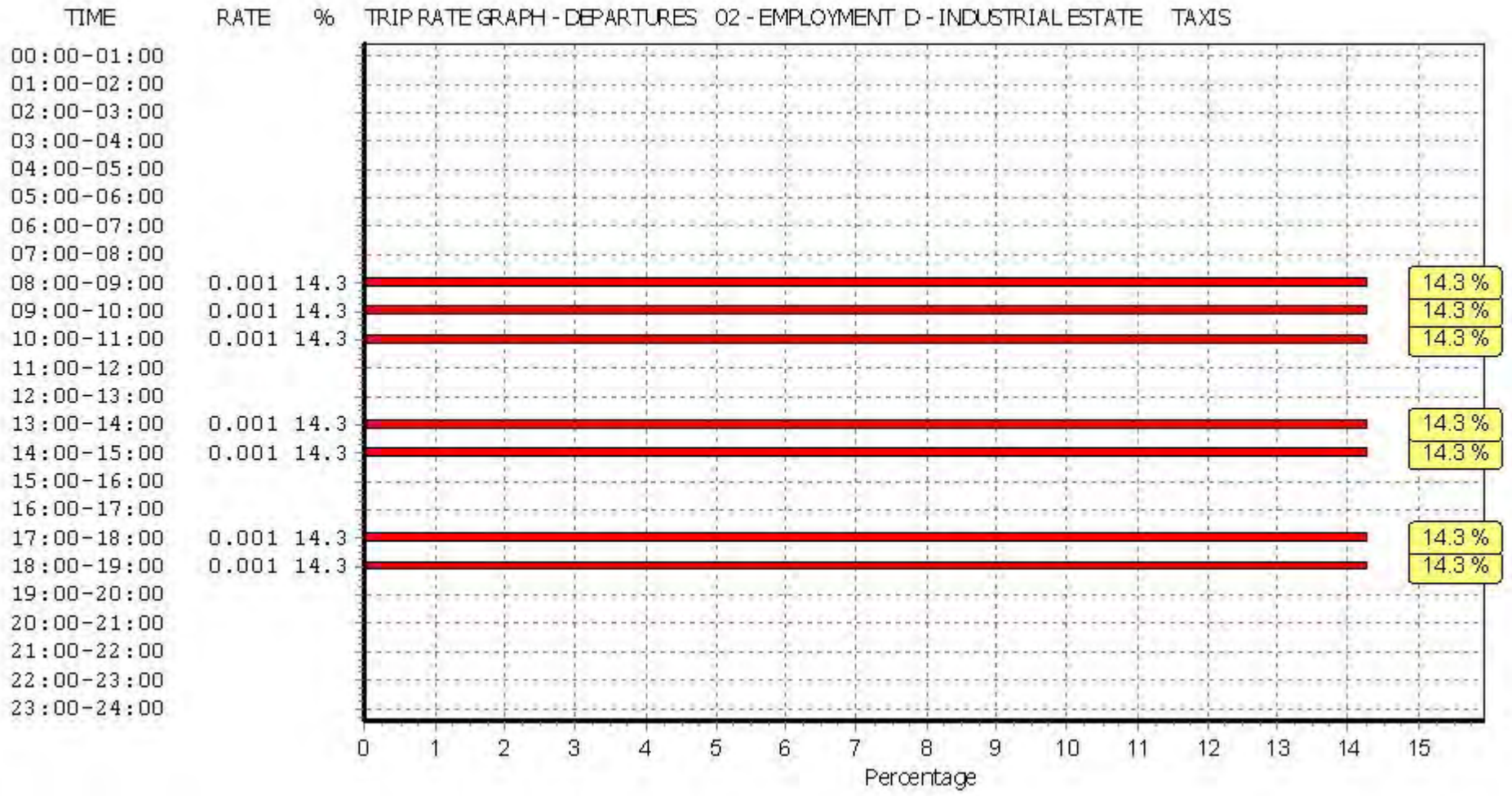
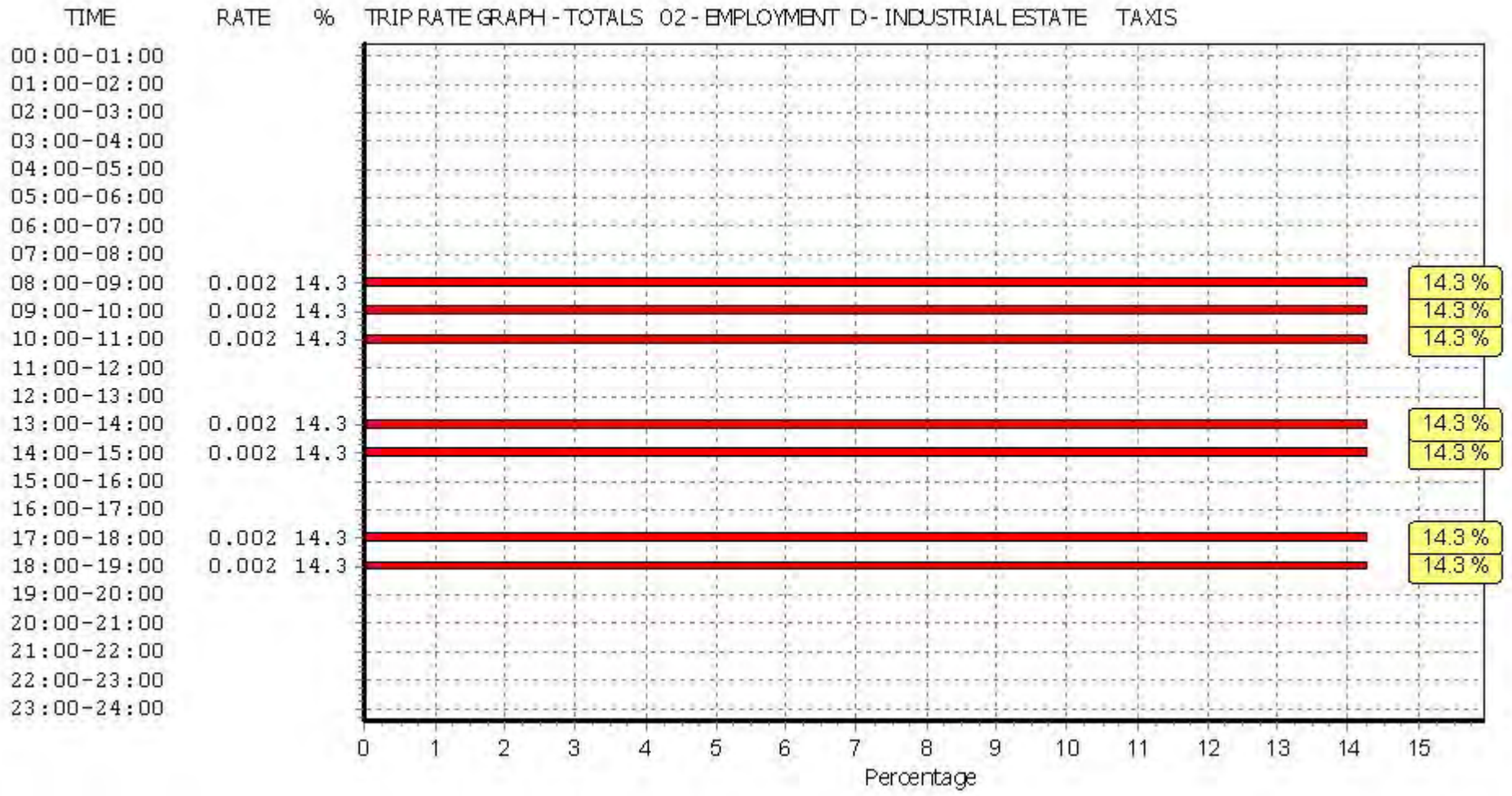


This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through 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.



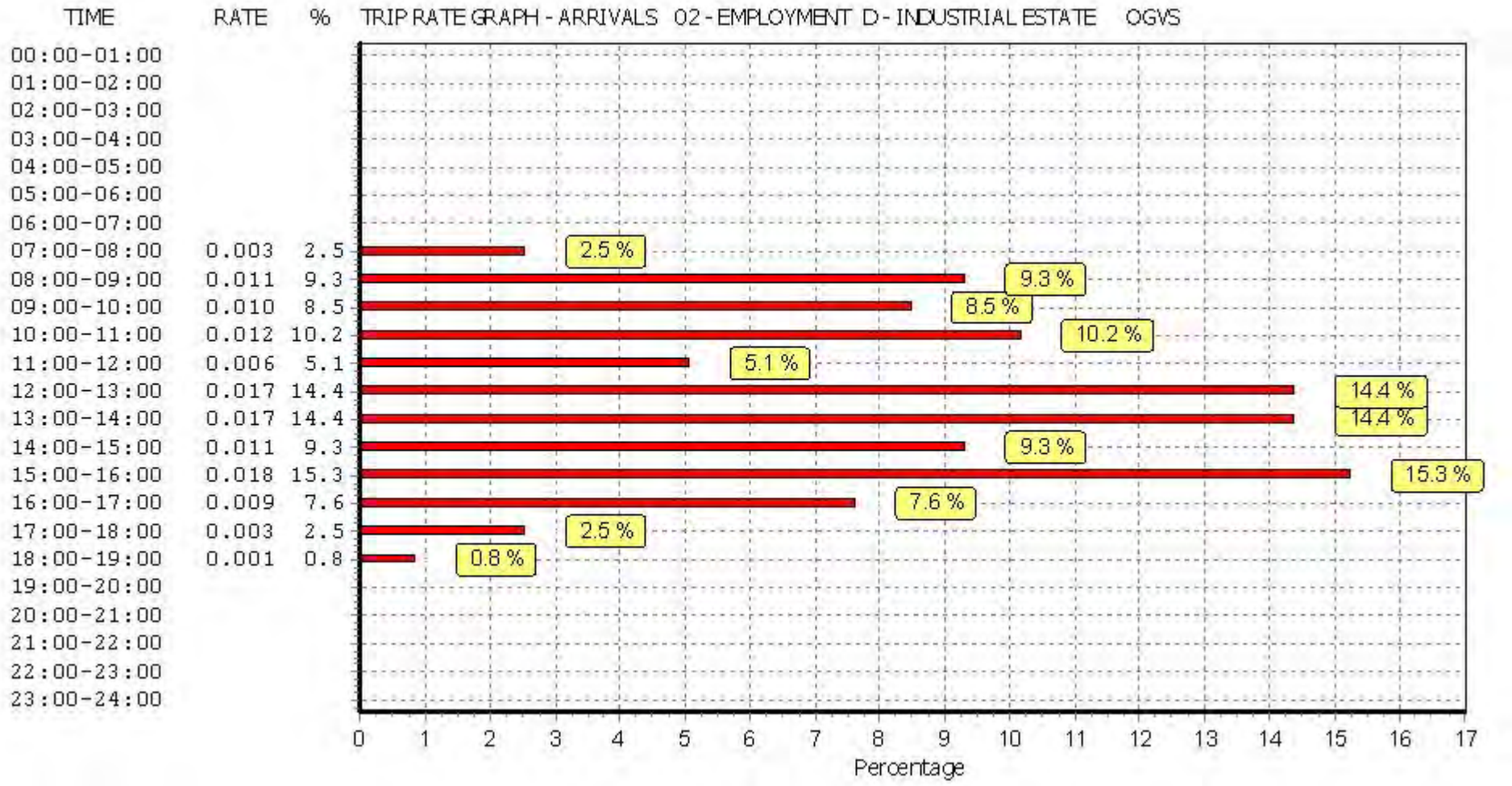
This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through 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/D - INDUSTRIAL ESTATE
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	3	46980	0.003	3	46980	0.003	3	46980	0.006
08:00 - 09:00	3	46980	0.011	3	46980	0.009	3	46980	0.020
09:00 - 10:00	3	46980	0.010	3	46980	0.007	3	46980	0.017
10:00 - 11:00	3	46980	0.012	3	46980	0.021	3	46980	0.033
11:00 - 12:00	3	46980	0.006	3	46980	0.016	3	46980	0.022
12:00 - 13:00	3	46980	0.017	3	46980	0.013	3	46980	0.030
13:00 - 14:00	3	46980	0.017	3	46980	0.018	3	46980	0.035
14:00 - 15:00	3	46980	0.011	3	46980	0.013	3	46980	0.024
15:00 - 16:00	3	46980	0.018	3	46980	0.016	3	46980	0.034
16:00 - 17:00	3	46980	0.009	3	46980	0.011	3	46980	0.020
17:00 - 18:00	3	46980	0.003	3	46980	0.004	3	46980	0.007
18:00 - 19:00	3	46980	0.001	3	46980	0.001	3	46980	0.002
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.118			0.132			0.250

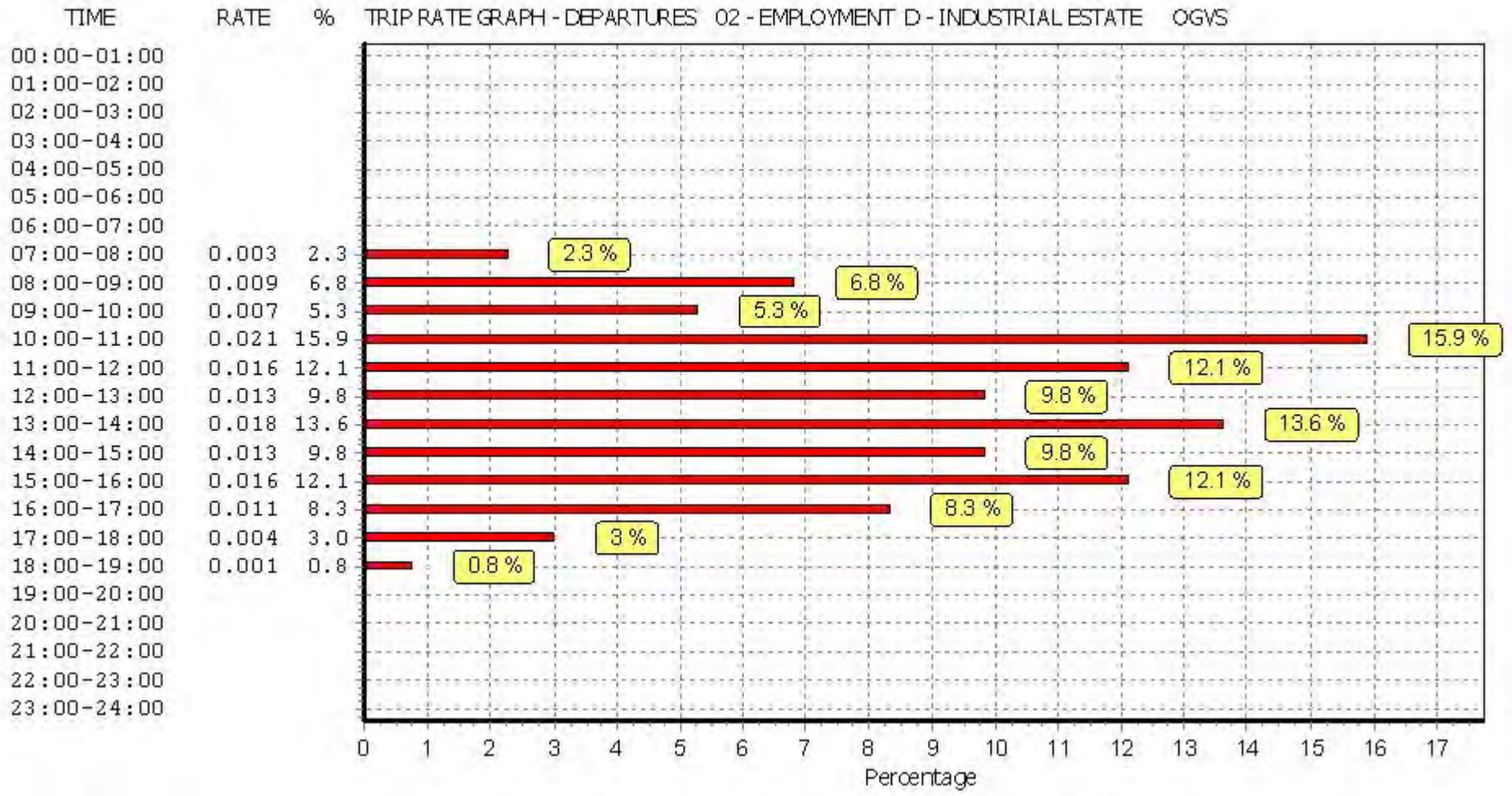
This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are 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.*

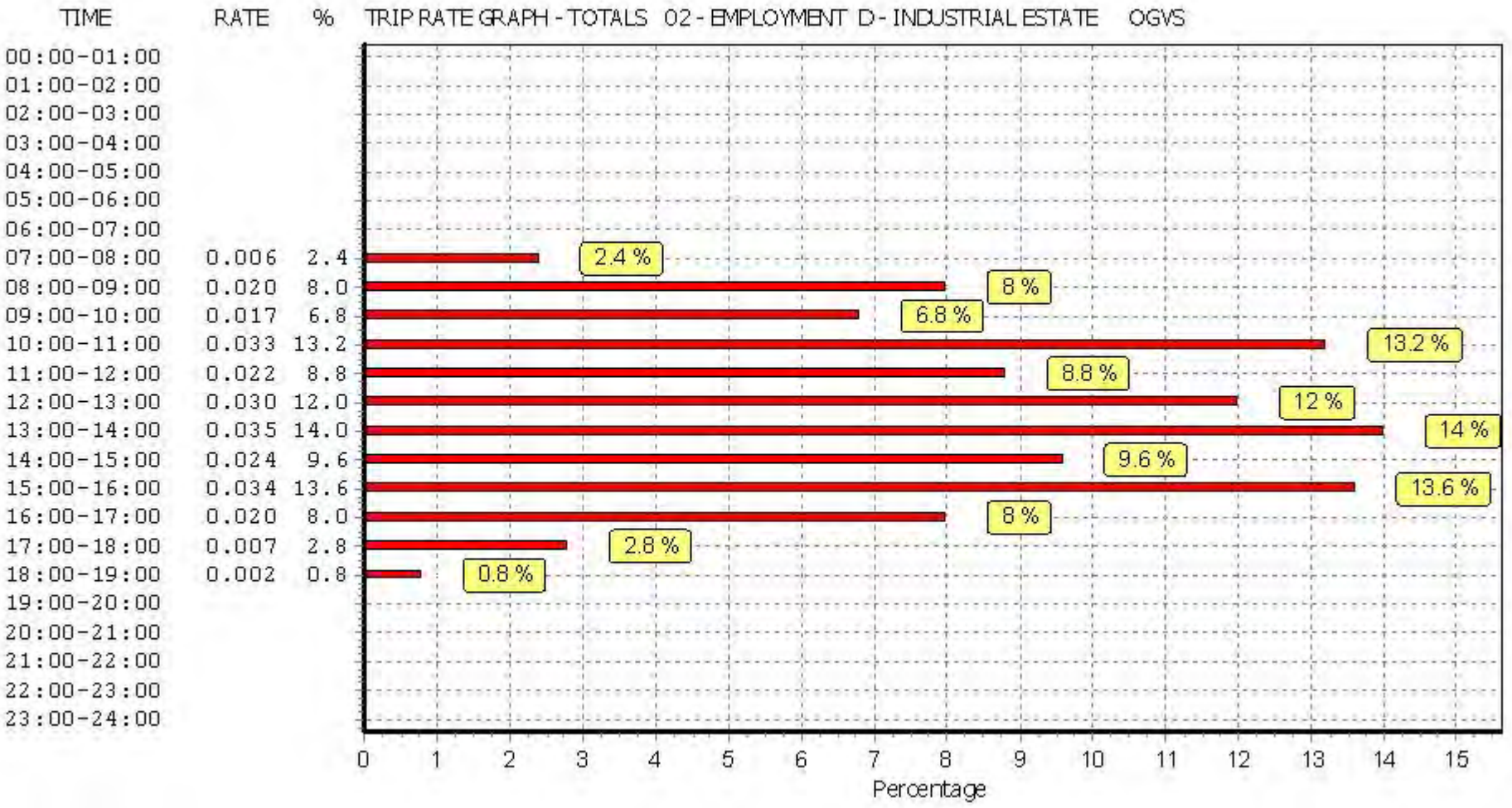


This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through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

RPS Group 20 Western Avenue, Milton Park Abingdon Licence No: 515501



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.



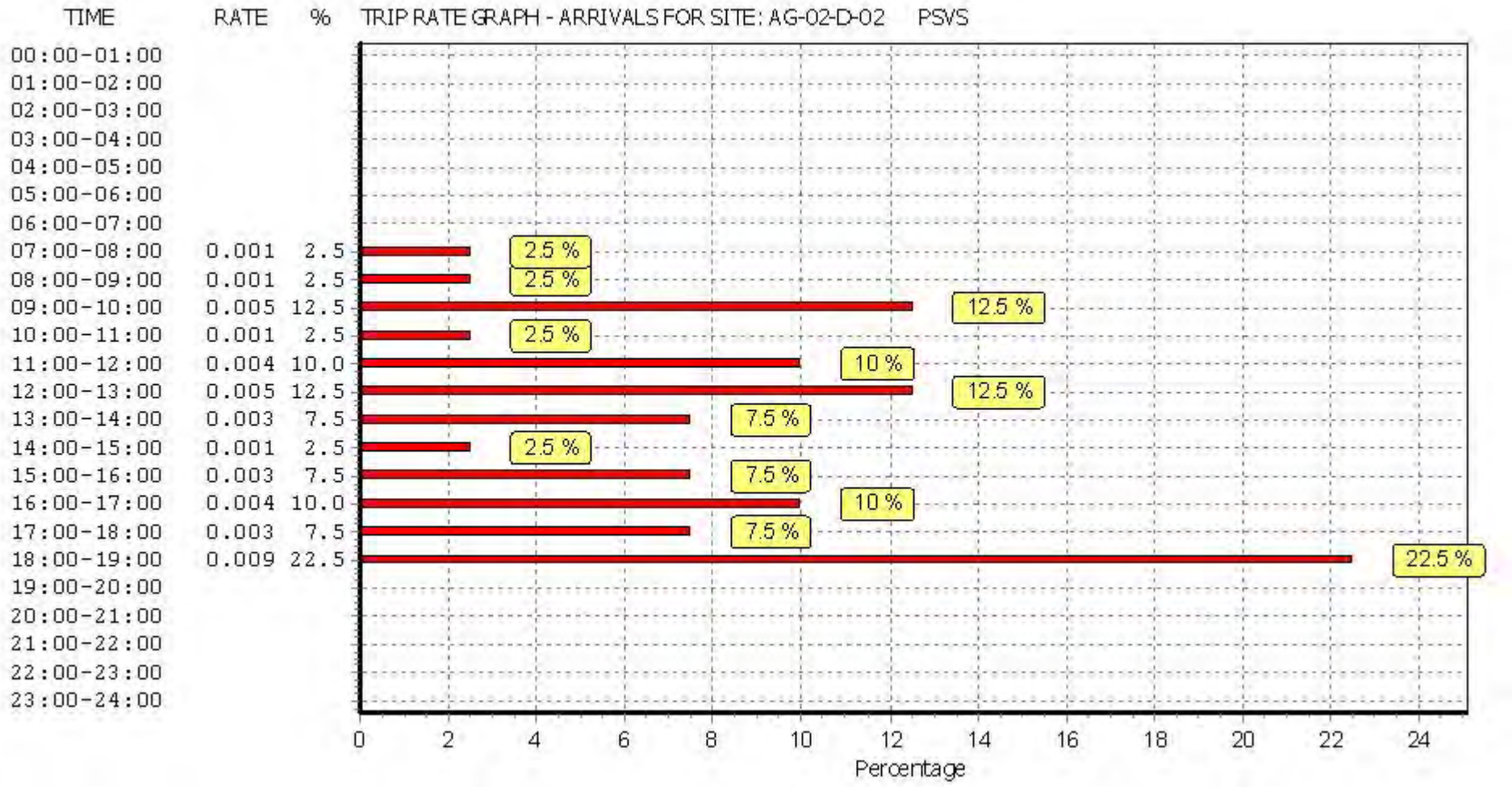
This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through 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/D - INDUSTRIAL ESTATE
PSVS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

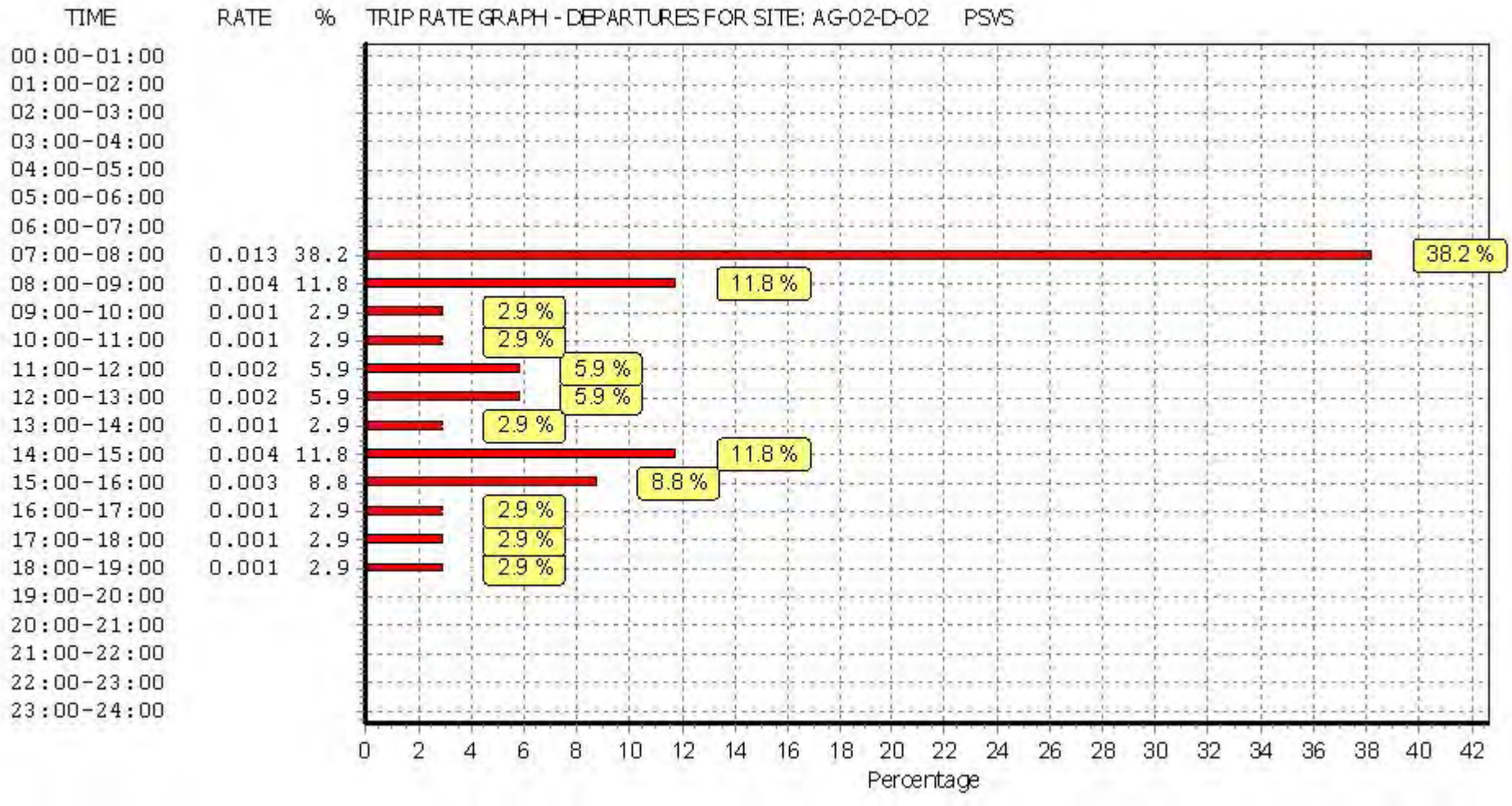
	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	46980	0.001	3	46980	0.013	3	46980	0.014
08:00 - 09:00	3	46980	0.001	3	46980	0.004	3	46980	0.005
09:00 - 10:00	3	46980	0.005	3	46980	0.001	3	46980	0.006
10:00 - 11:00	3	46980	0.001	3	46980	0.001	3	46980	0.002
11:00 - 12:00	3	46980	0.004	3	46980	0.002	3	46980	0.006
12:00 - 13:00	3	46980	0.005	3	46980	0.002	3	46980	0.007
13:00 - 14:00	3	46980	0.003	3	46980	0.001	3	46980	0.004
14:00 - 15:00	3	46980	0.001	3	46980	0.004	3	46980	0.005
15:00 - 16:00	3	46980	0.003	3	46980	0.003	3	46980	0.006
16:00 - 17:00	3	46980	0.004	3	46980	0.001	3	46980	0.005
17:00 - 18:00	3	46980	0.003	3	46980	0.001	3	46980	0.004
18:00 - 19:00	3	46980	0.009	3	46980	0.001	3	46980	0.010
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.040			0.034			0.074

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

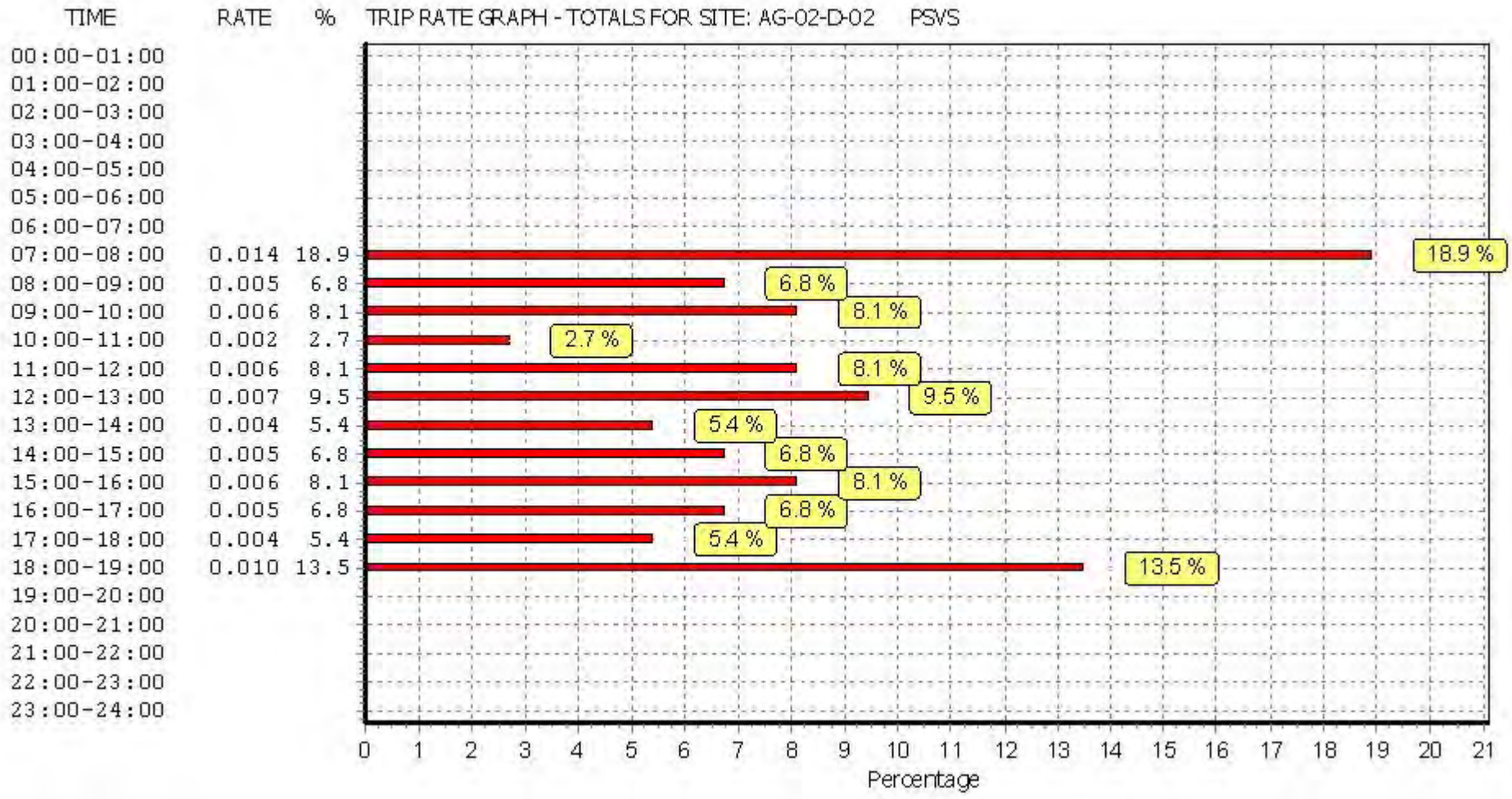
*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected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



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.



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.

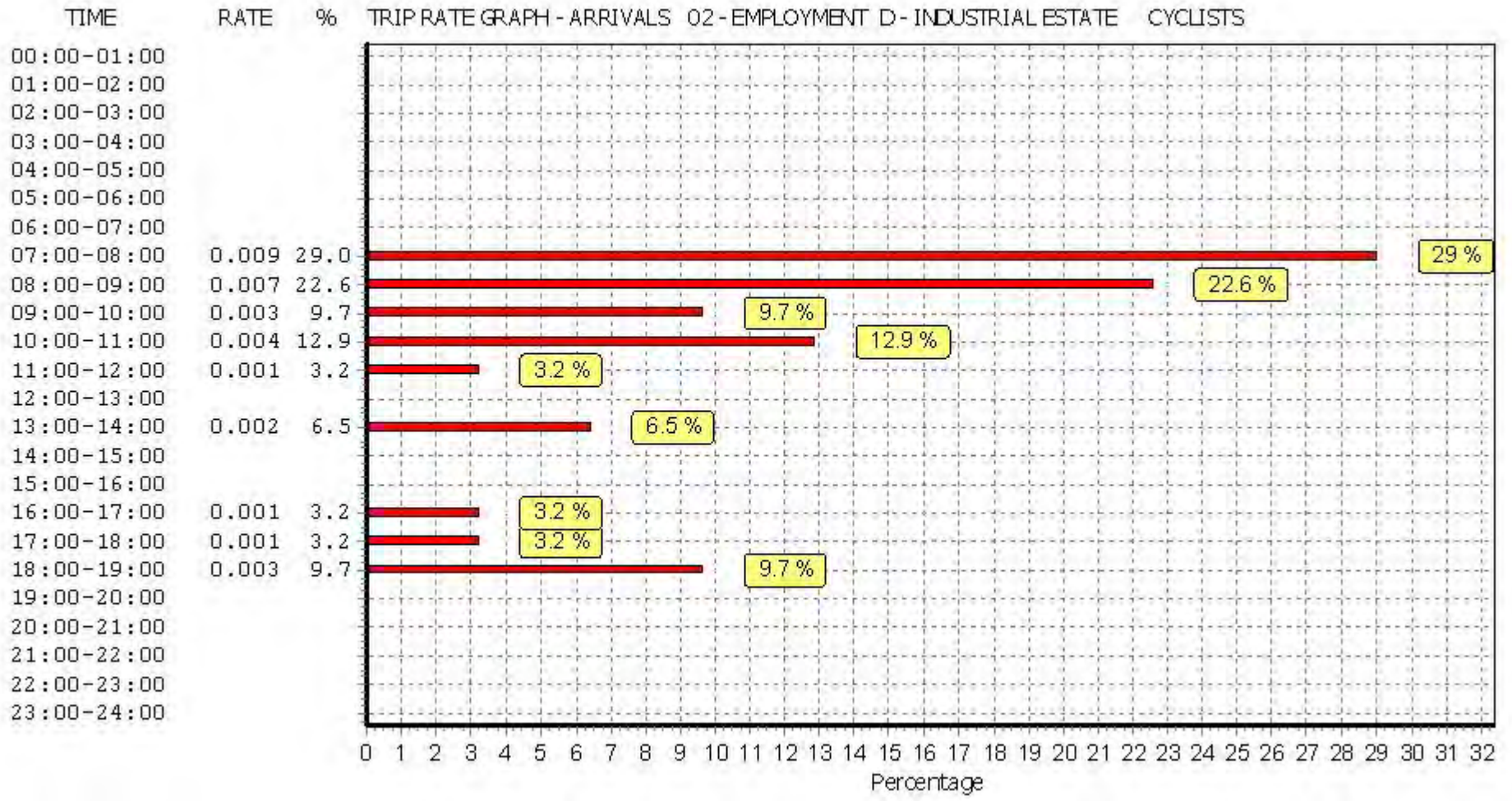
TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE
CYCLISTS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

	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	3	46980	0.009	3	46980	0.001	3	46980	0.010
08:00 - 09:00	3	46980	0.007	3	46980	0.000	3	46980	0.007
09:00 - 10:00	3	46980	0.003	3	46980	0.001	3	46980	0.004
10:00 - 11:00	3	46980	0.004	3	46980	0.001	3	46980	0.005
11:00 - 12:00	3	46980	0.001	3	46980	0.002	3	46980	0.003
12:00 - 13:00	3	46980	0.000	3	46980	0.001	3	46980	0.001
13:00 - 14:00	3	46980	0.002	3	46980	0.001	3	46980	0.003
14:00 - 15:00	3	46980	0.000	3	46980	0.001	3	46980	0.001
15:00 - 16:00	3	46980	0.000	3	46980	0.002	3	46980	0.002
16:00 - 17:00	3	46980	0.001	3	46980	0.008	3	46980	0.009
17:00 - 18:00	3	46980	0.001	3	46980	0.009	3	46980	0.010
18:00 - 19:00	3	46980	0.003	3	46980	0.005	3	46980	0.008
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.031			0.032			0.063

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.

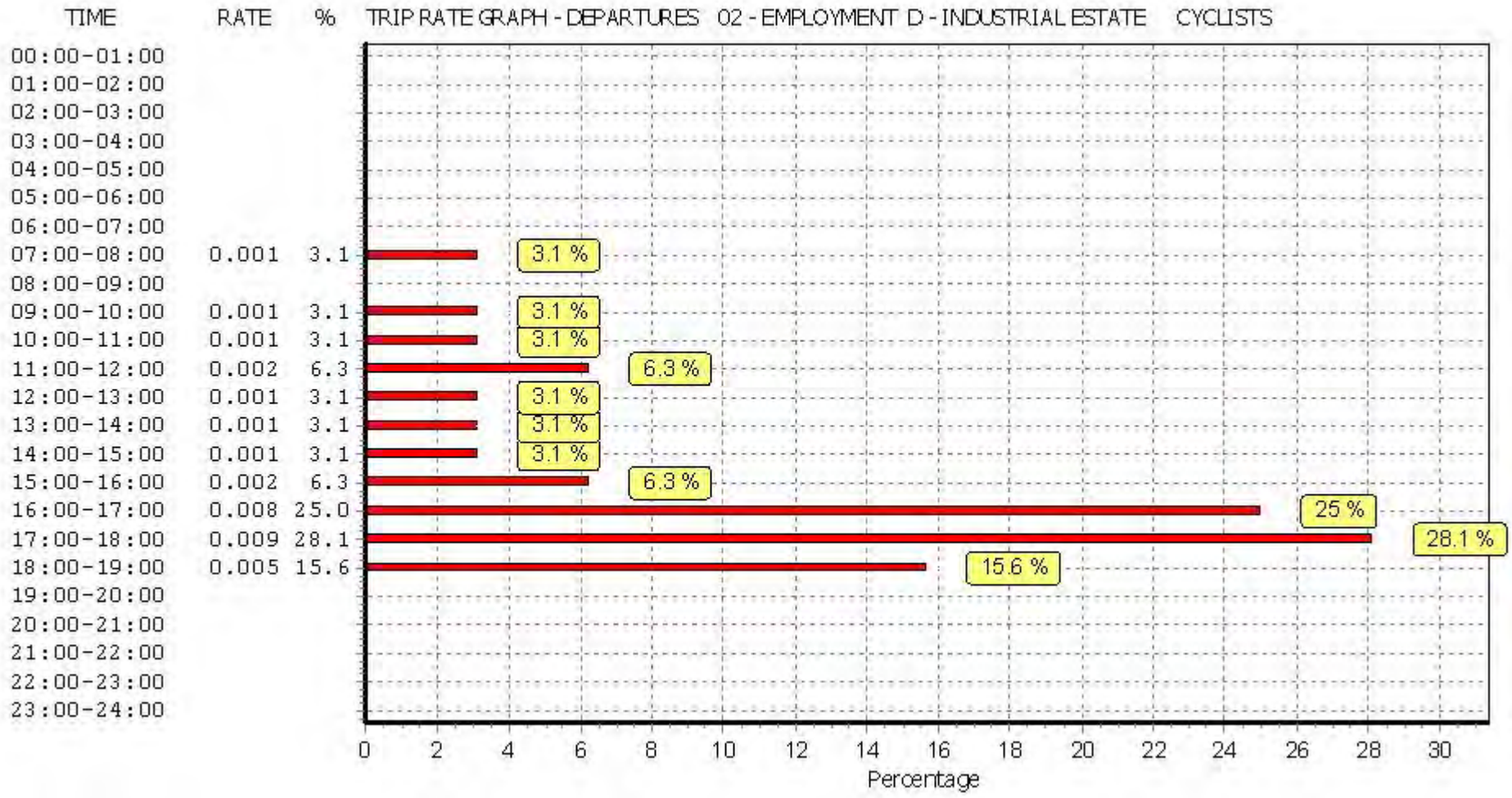
*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected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

RPS Group 20 Western Avenue, Milton Park Abingdon Licence No: 515501

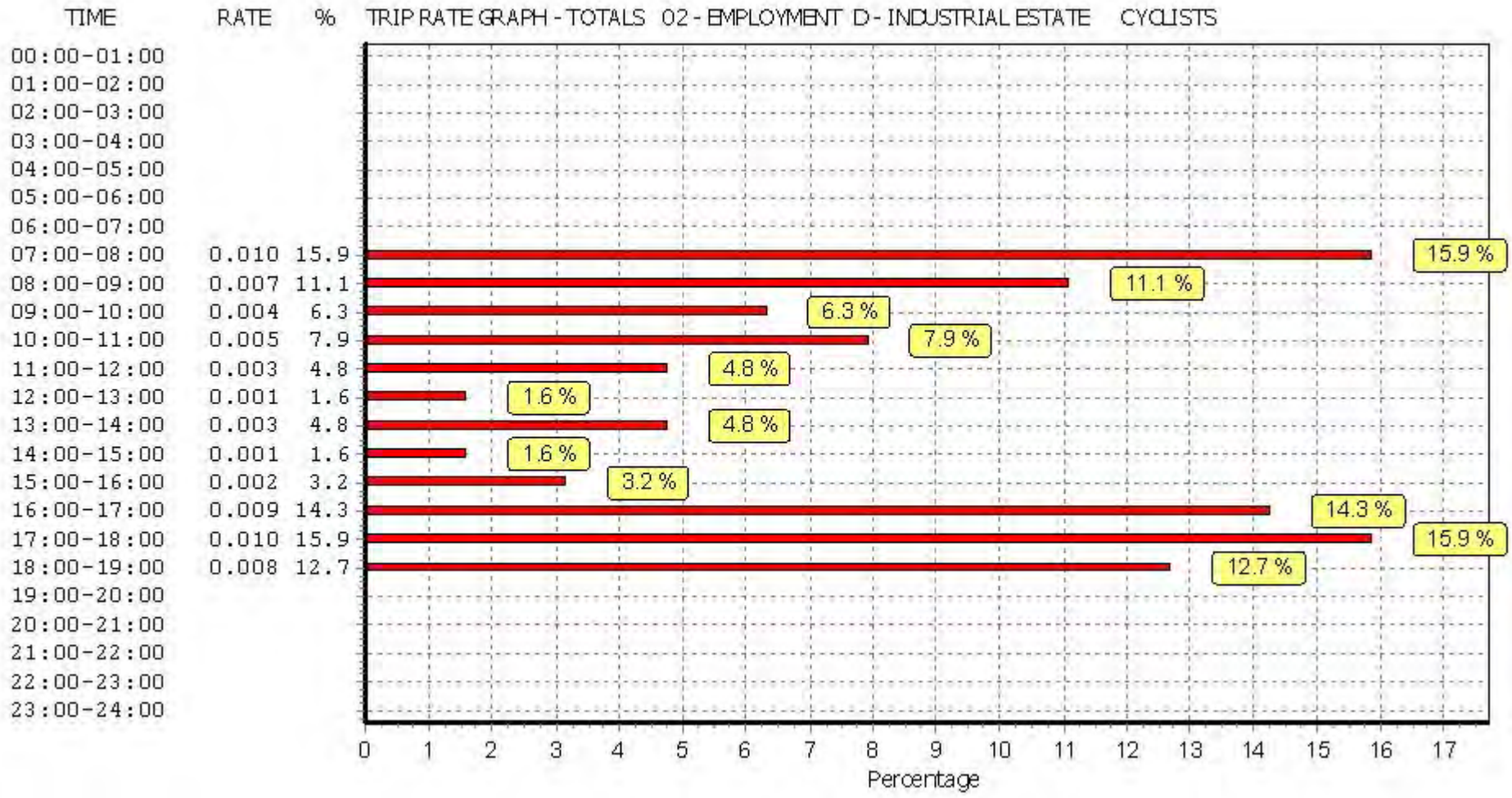


This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through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

RPS Group 20 Western Avenue, Milton Park Abingdon Licence No: 515501



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.



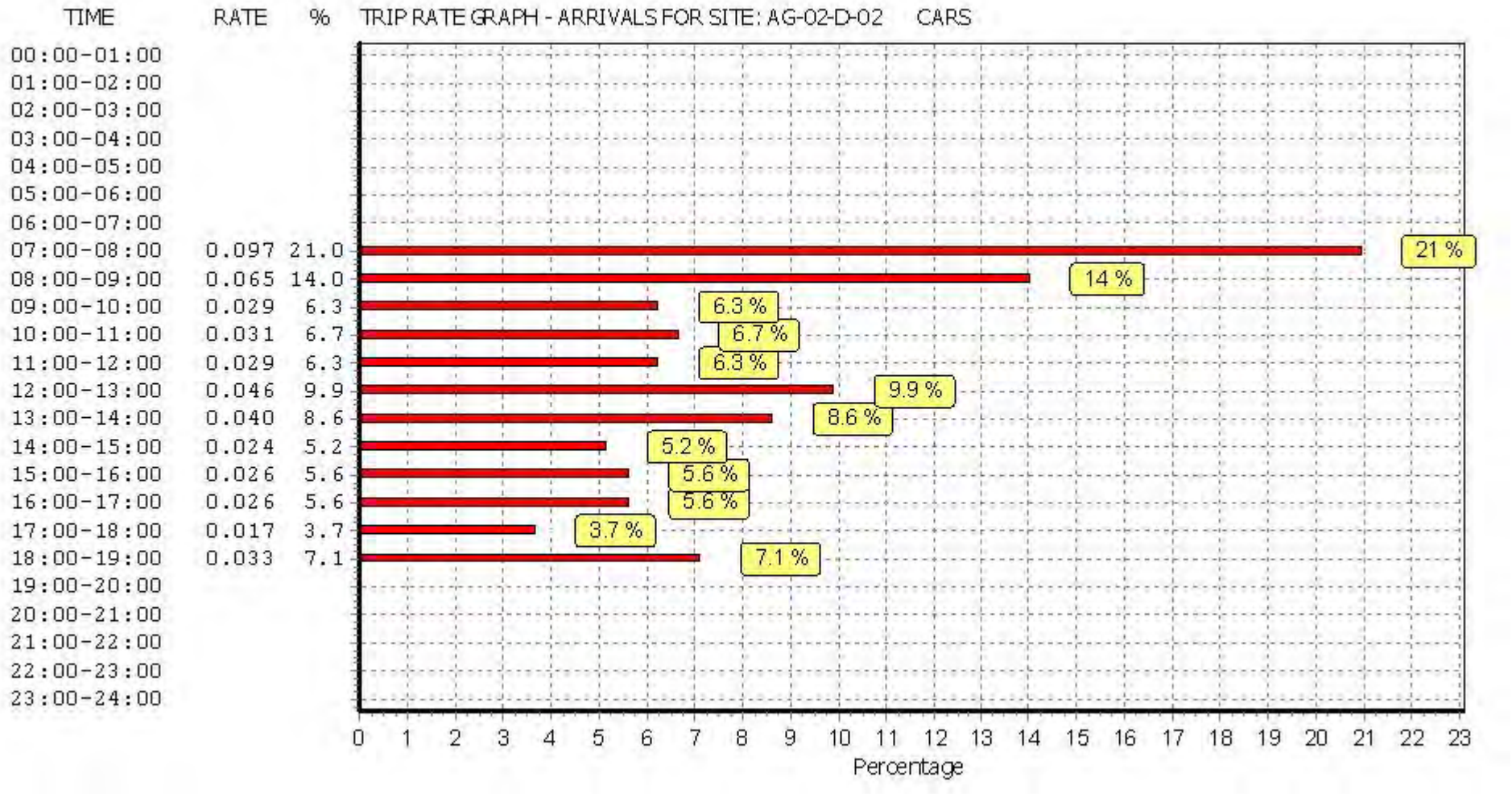
This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through 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/D - INDUSTRIAL ESTATE
CARS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

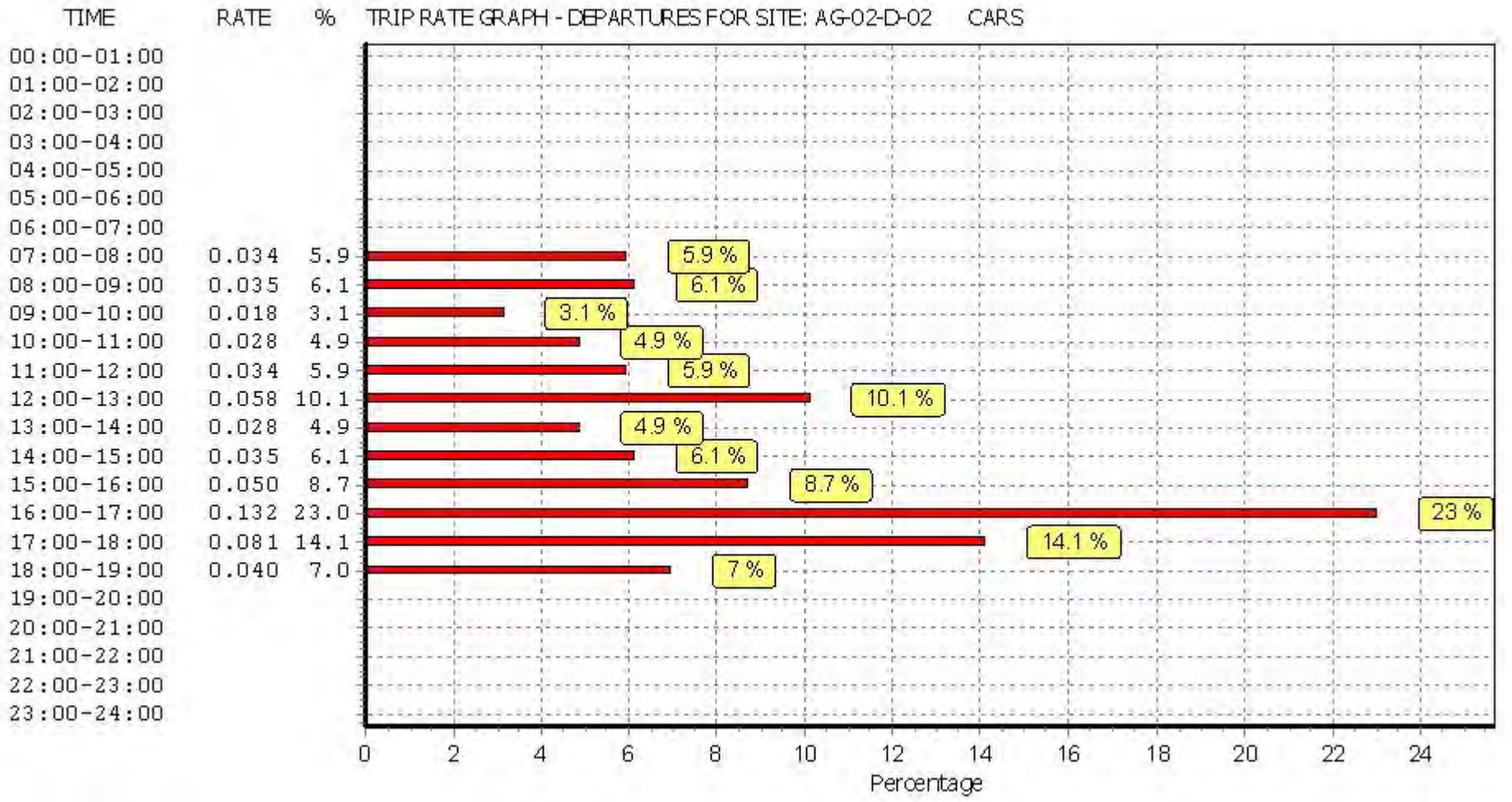
	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	3	46980	0.097	3	46980	0.034	3	46980	0.131
08:00 - 09:00	3	46980	0.065	3	46980	0.035	3	46980	0.100
09:00 - 10:00	3	46980	0.029	3	46980	0.018	3	46980	0.047
10:00 - 11:00	3	46980	0.031	3	46980	0.028	3	46980	0.059
11:00 - 12:00	3	46980	0.029	3	46980	0.034	3	46980	0.063
12:00 - 13:00	3	46980	0.046	3	46980	0.058	3	46980	0.104
13:00 - 14:00	3	46980	0.040	3	46980	0.028	3	46980	0.068
14:00 - 15:00	3	46980	0.024	3	46980	0.035	3	46980	0.059
15:00 - 16:00	3	46980	0.026	3	46980	0.050	3	46980	0.076
16:00 - 17:00	3	46980	0.026	3	46980	0.132	3	46980	0.158
17:00 - 18:00	3	46980	0.017	3	46980	0.081	3	46980	0.098
18:00 - 19:00	3	46980	0.033	3	46980	0.040	3	46980	0.073
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.463			0.573			1.036

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

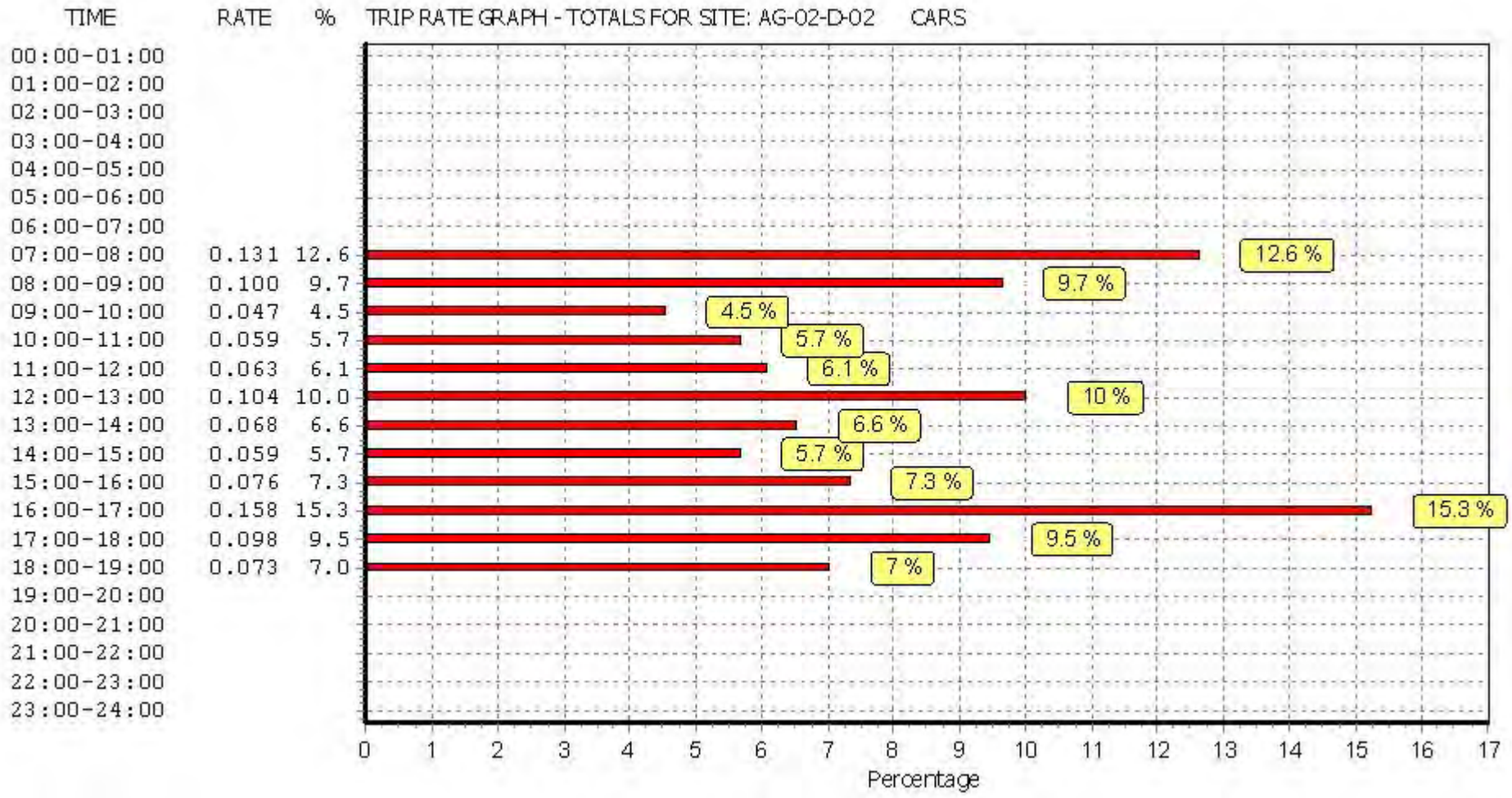
*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected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



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.



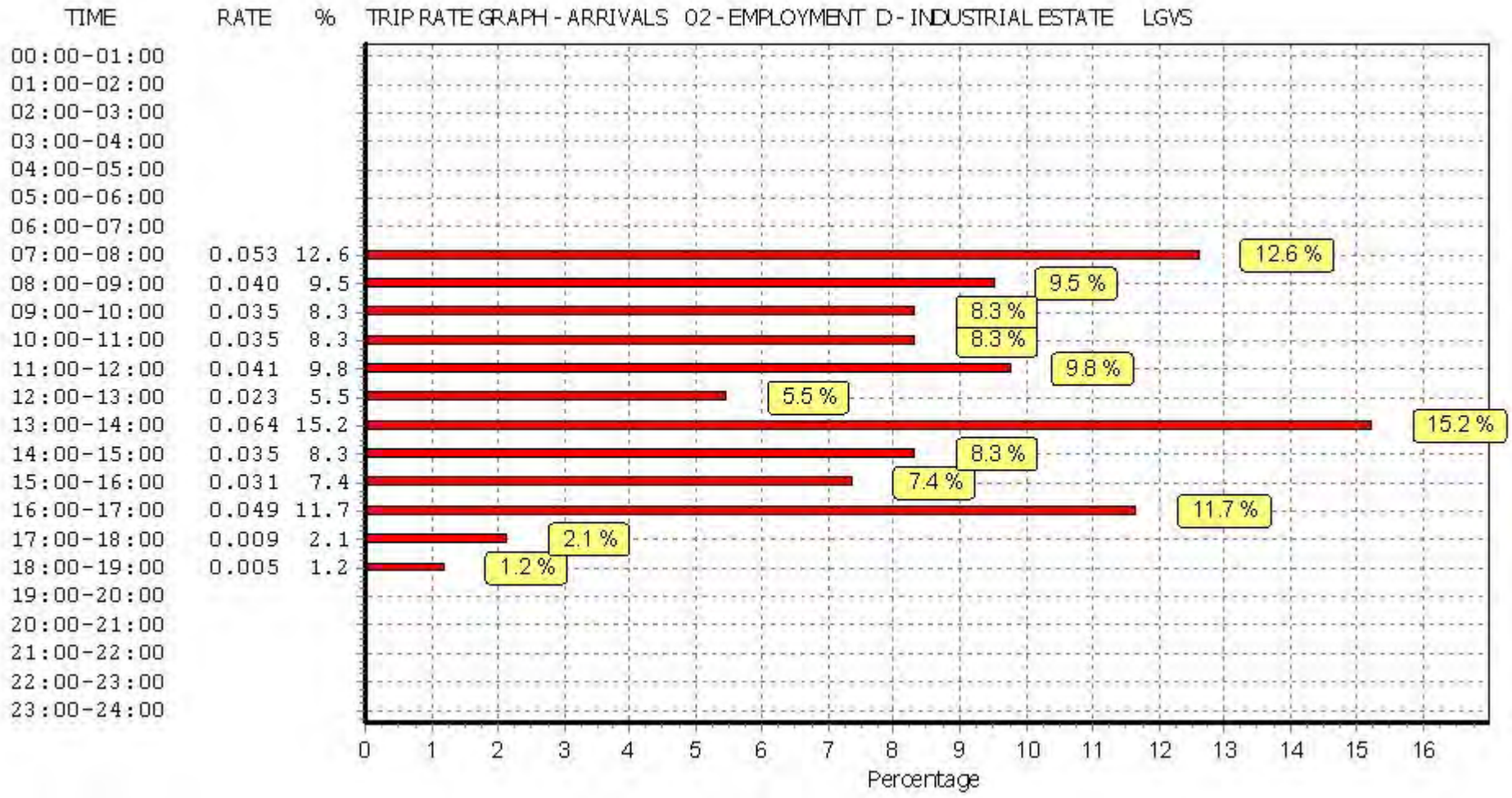
This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through 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/D - INDUSTRIAL ESTATE
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	3	46980	0.053	3	46980	0.031	3	46980	0.084
08:00 - 09:00	3	46980	0.040	3	46980	0.045	3	46980	0.085
09:00 - 10:00	3	46980	0.035	3	46980	0.053	3	46980	0.088
10:00 - 11:00	3	46980	0.035	3	46980	0.038	3	46980	0.073
11:00 - 12:00	3	46980	0.041	3	46980	0.038	3	46980	0.079
12:00 - 13:00	3	46980	0.023	3	46980	0.026	3	46980	0.049
13:00 - 14:00	3	46980	0.064	3	46980	0.048	3	46980	0.112
14:00 - 15:00	3	46980	0.035	3	46980	0.034	3	46980	0.069
15:00 - 16:00	3	46980	0.031	3	46980	0.043	3	46980	0.074
16:00 - 17:00	3	46980	0.049	3	46980	0.037	3	46980	0.086
17:00 - 18:00	3	46980	0.009	3	46980	0.024	3	46980	0.033
18:00 - 19:00	3	46980	0.005	3	46980	0.014	3	46980	0.019
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.420			0.431			0.851

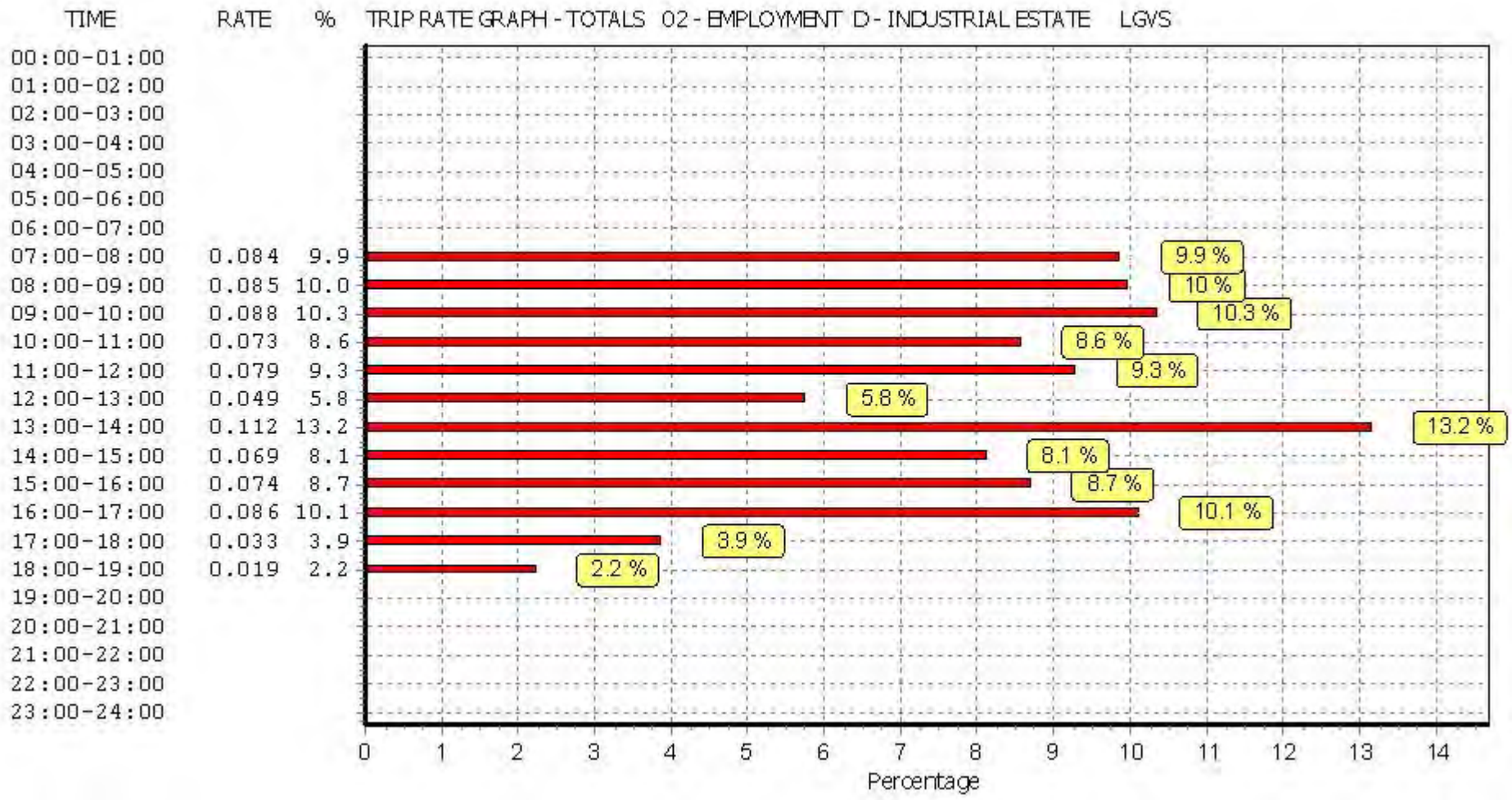
This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are 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.*



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.



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/D - INDUSTRIAL ESTATE
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	3	46980	0.002	3	46980	0.000	3	46980	0.002
08:00 - 09:00	3	46980	0.004	3	46980	0.000	3	46980	0.004
09:00 - 10:00	3	46980	0.001	3	46980	0.001	3	46980	0.002
10:00 - 11:00	3	46980	0.003	3	46980	0.000	3	46980	0.003
11:00 - 12:00	3	46980	0.002	3	46980	0.001	3	46980	0.003
12:00 - 13:00	3	46980	0.000	3	46980	0.000	3	46980	0.000
13:00 - 14:00	3	46980	0.001	3	46980	0.001	3	46980	0.002
14:00 - 15:00	3	46980	0.001	3	46980	0.000	3	46980	0.001
15:00 - 16:00	3	46980	0.003	3	46980	0.003	3	46980	0.006
16:00 - 17:00	3	46980	0.006	3	46980	0.004	3	46980	0.010
17:00 - 18:00	3	46980	0.001	3	46980	0.004	3	46980	0.005
18:00 - 19:00	3	46980	0.000	3	46980	0.001	3	46980	0.001
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.024			0.015			0.039

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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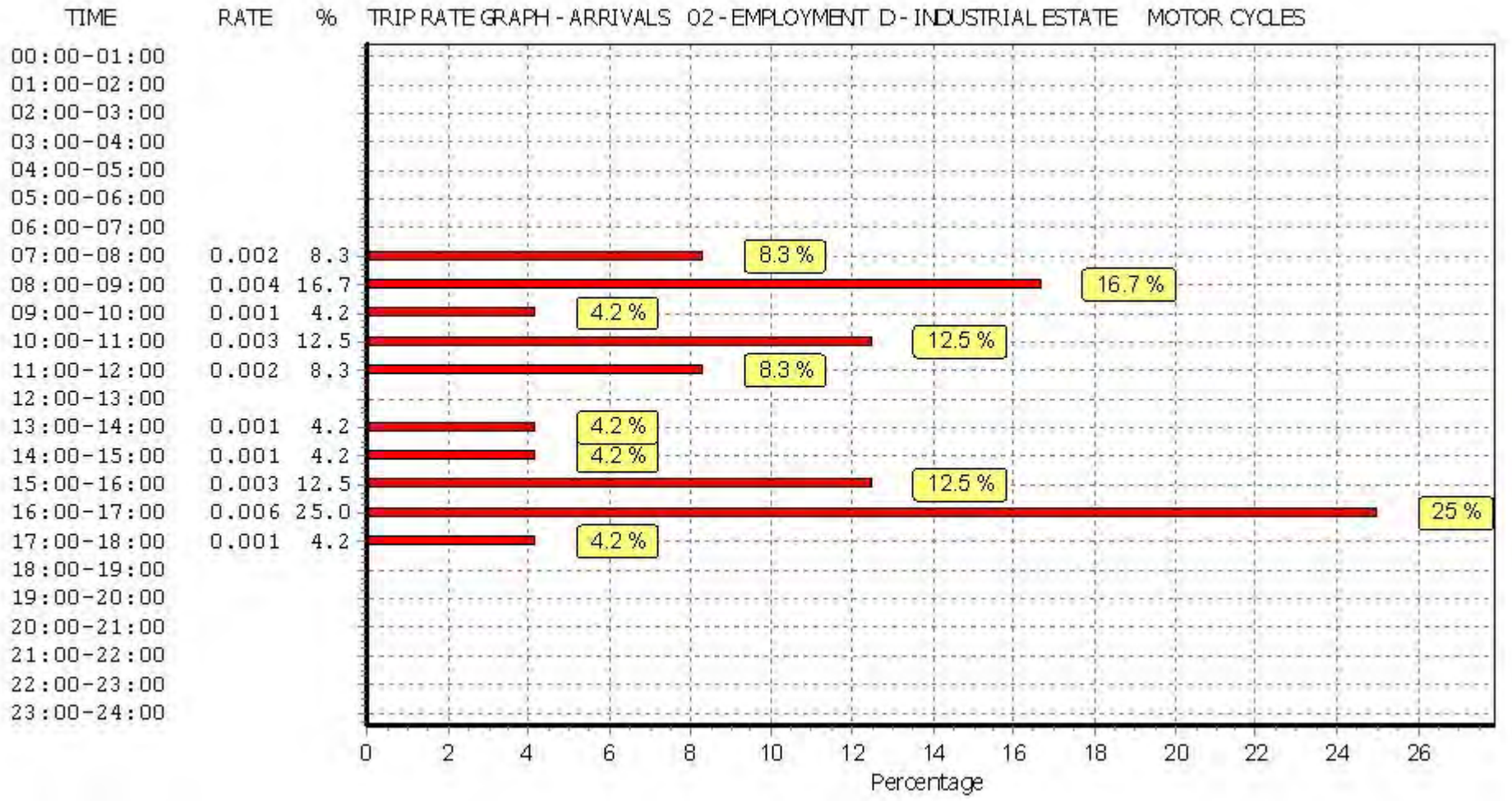

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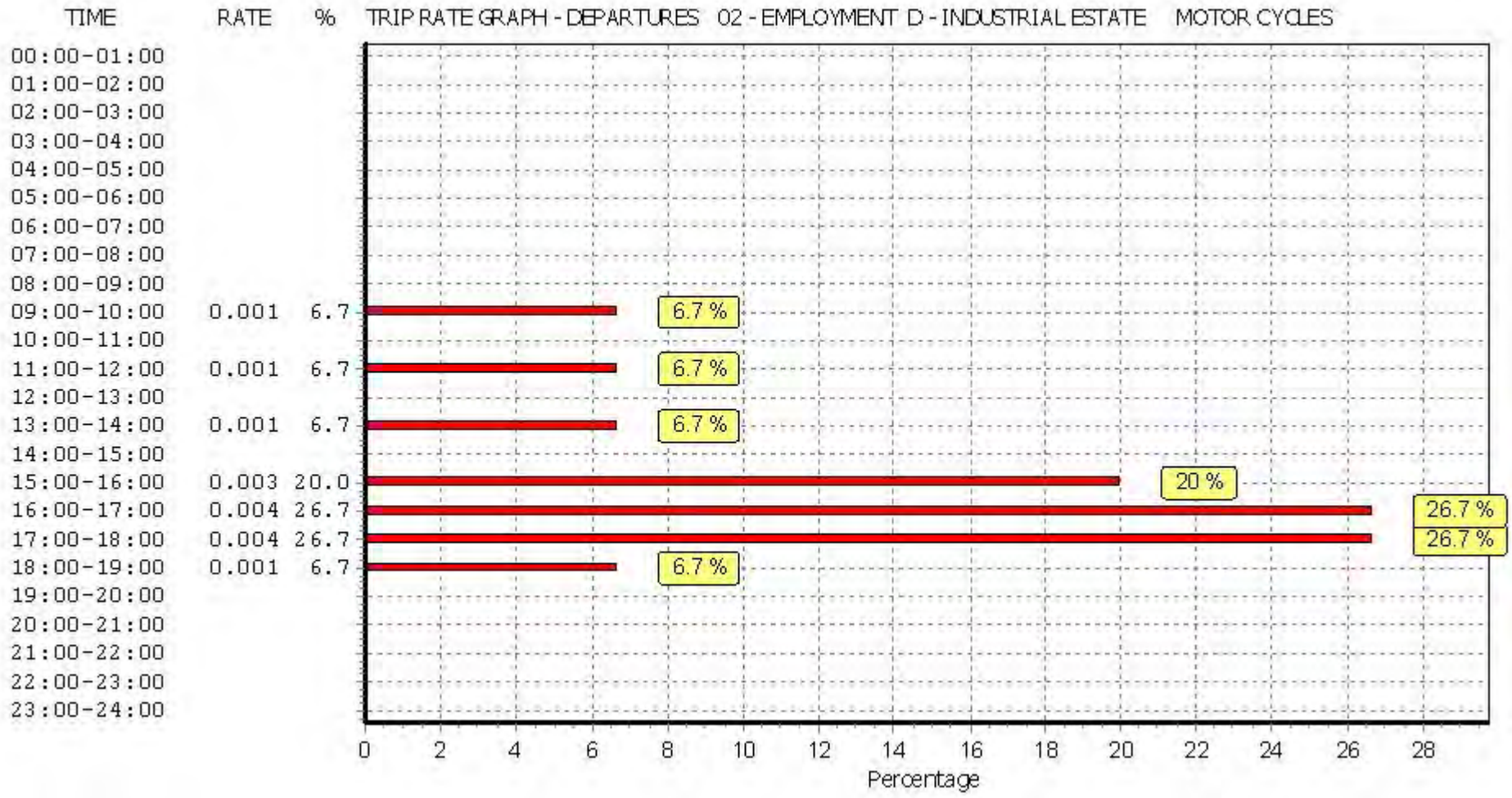

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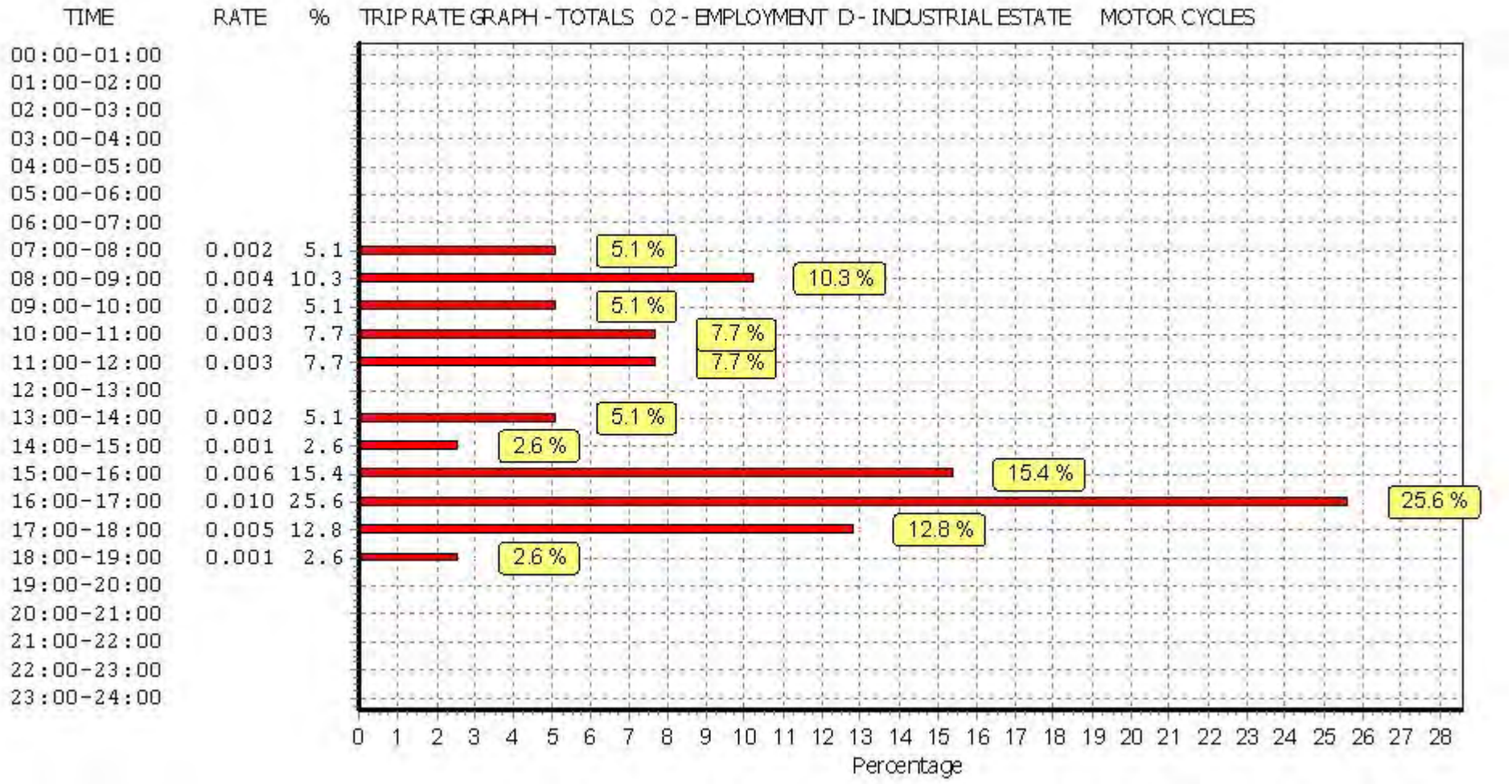

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Appendix E – B8 Use TRICS Output Report

Calculation Reference: AUDIT-515501-190213-0205

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	SOUTH EAST		
	HF	HERTFORDSHIRE	1 days
	KC	KENT	1 days
05	EAST MIDLANDS		
	LN	LINCOLNSHIRE	1 days
10	WALES		
	WR	WREXHAM	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: 9000 to 76000 (units: sqm)
Range Selected by User: 5000 to 80066 (units: sqm)

Parking Spaces Range: Selected: 4 to 832 Actual: 4 to 832

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/08 to 22/09/17

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:

Monday	1 days
Tuesday	1 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	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:

Edge of Town	3
Free Standing (PPS6 Out of Town)	1

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

Selected Location Sub Categories:

Industrial Zone	2
Commercial Zone	1
No Sub Category	1

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

Secondary Filtering selection:

Use Class:

B8	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®.

Population within 1 mile:

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

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

Travel Plan:

No	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

1 HF-02-F-03 DISTRIBUTION CEN. HERTFORDSHIRE
HATFIELD
HATFIELD BUSINESS CEN.
Edge of Town
Commercial Zone
Total Gross floor area: 80000 sqm
Survey date: THURSDAY 10/07/08 Survey Type: MANUAL

2 KC-02-F-02 COMMERCIAL WAREHOUSING KENT
MILLS ROAD
AYLESFORD
QUARRY WOOD
Edge of Town
Industrial Zone
Total Gross floor area: 11200 sqm
Survey date: FRIDAY 22/09/17 Survey Type: MANUAL

3 LN-02-F-01 BOOK SERVICE LINCOLNSHIRE
TRENT ROAD
GRANTHAM

Edge of Town
No Sub Category
Total Gross floor area: 32300 sqm
Survey date: MONDAY 29/11/10 Survey Type: MANUAL

4 WR-02-F-01 WAREHOUSE WREXHAM
UNIT 1-2 PACIFIC PARK
NEAR WREXHAM
WREXHAM IND. ESTATE
Free Standing (PPS6 Out of Town)
Industrial Zone
Total Gross floor area: 9000 sqm
Survey date: TUESDAY 18/10/11 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
TW-02-F-01	HIGH PT

TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)
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	31721	0.110	4	31721	0.080	4	31721	0.190
08:00 - 09:00	4	31721	0.091	4	31721	0.048	4	31721	0.139
09:00 - 10:00	4	31721	0.084	4	31721	0.066	4	31721	0.150
10:00 - 11:00	4	31721	0.065	4	31721	0.065	4	31721	0.130
11:00 - 12:00	4	31721	0.064	4	31721	0.069	4	31721	0.133
12:00 - 13:00	4	31721	0.068	4	31721	0.074	4	31721	0.142
13:00 - 14:00	4	31721	0.095	4	31721	0.085	4	31721	0.180
14:00 - 15:00	4	31721	0.106	4	31721	0.126	4	31721	0.232
15:00 - 16:00	4	31721	0.106	4	31721	0.128	4	31721	0.234
16:00 - 17:00	4	31721	0.080	4	31721	0.125	4	31721	0.205
17:00 - 18:00	4	31721	0.024	4	31721	0.086	4	31721	0.110
18:00 - 19:00	4	31721	0.013	4	31721	0.054	4	31721	0.067
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.906			1.006			1.912

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

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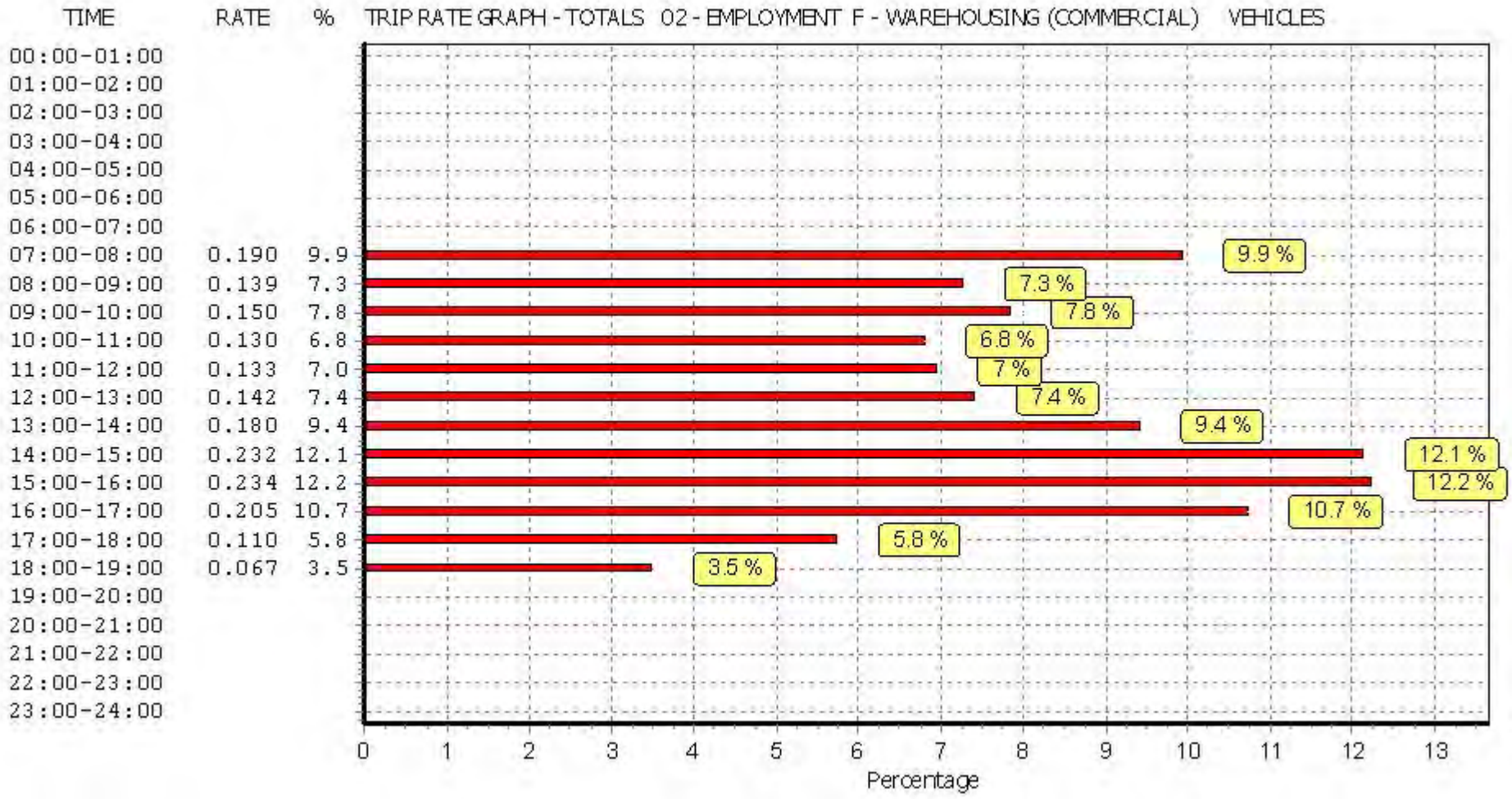
Parameter summary

Trip rate parameter range selected:	9000 - 76000 (units: sqm)
Survey date date range:	01/01/08 - 22/09/17
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:	1

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

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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TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)
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	31721	0.000	4	31721	0.000	4	31721	0.000
08:00 - 09:00	4	31721	0.000	4	31721	0.000	4	31721	0.000
09:00 - 10:00	4	31721	0.000	4	31721	0.000	4	31721	0.000
10:00 - 11:00	4	31721	0.000	4	31721	0.000	4	31721	0.000
11:00 - 12:00	4	31721	0.000	4	31721	0.000	4	31721	0.000
12:00 - 13:00	4	31721	0.000	4	31721	0.000	4	31721	0.000
13:00 - 14:00	4	31721	0.000	4	31721	0.000	4	31721	0.000
14:00 - 15:00	4	31721	0.000	4	31721	0.000	4	31721	0.000
15:00 - 16:00	4	31721	0.001	4	31721	0.001	4	31721	0.002
16:00 - 17:00	4	31721	0.002	4	31721	0.002	4	31721	0.004
17:00 - 18:00	4	31721	0.000	4	31721	0.000	4	31721	0.000
18:00 - 19:00	4	31721	0.000	4	31721	0.000	4	31721	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.003			0.003			0.006

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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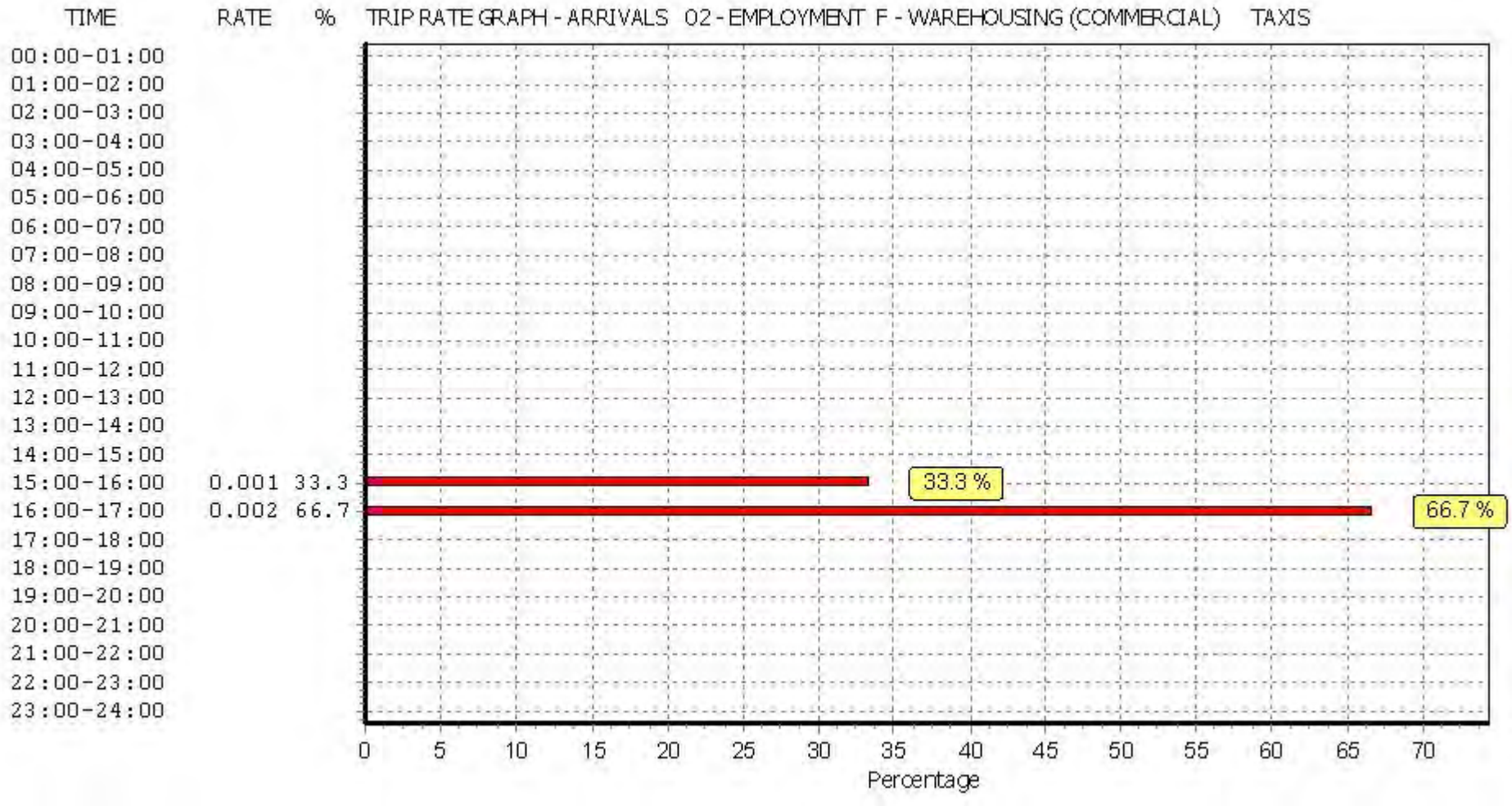

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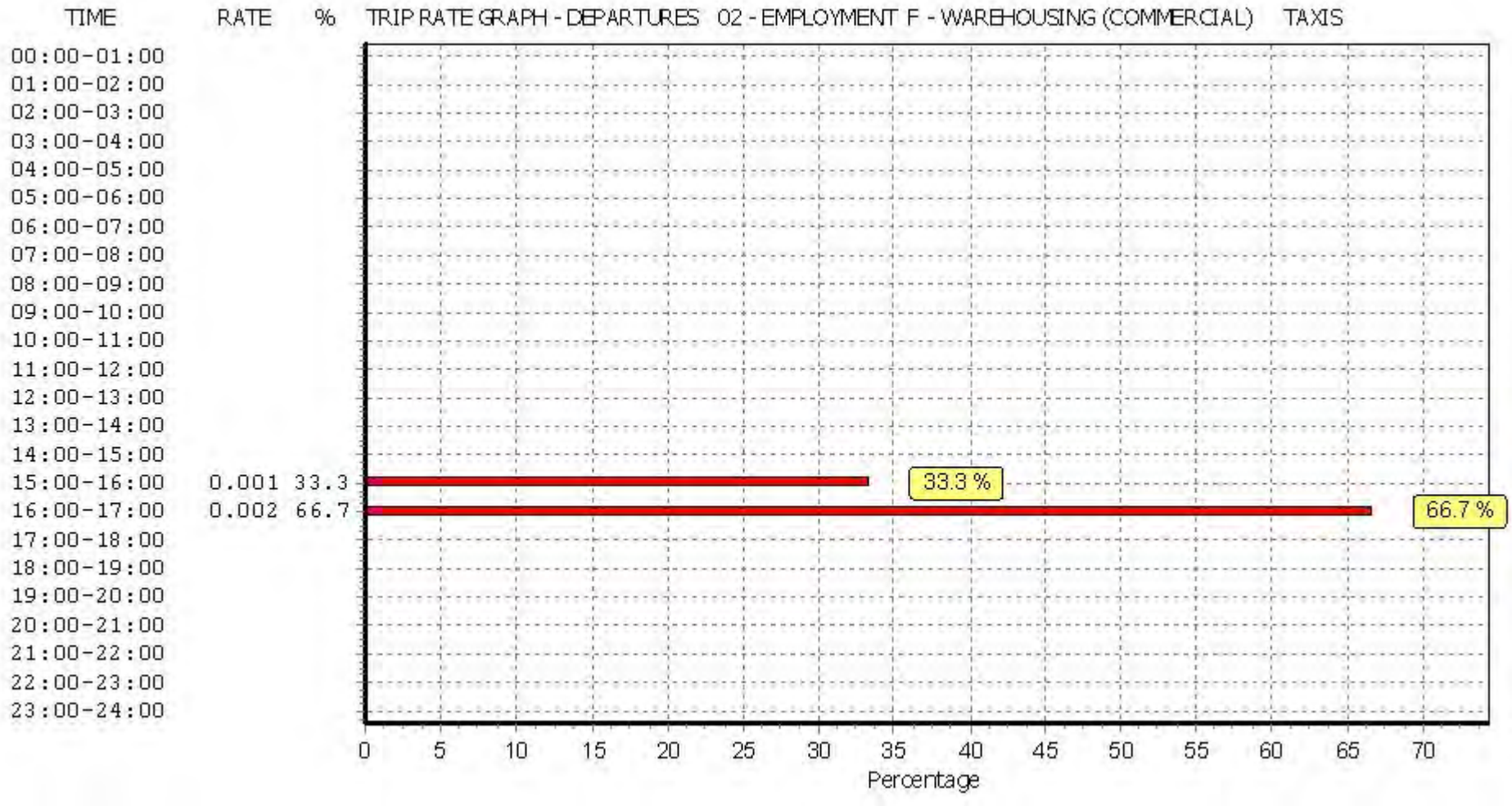

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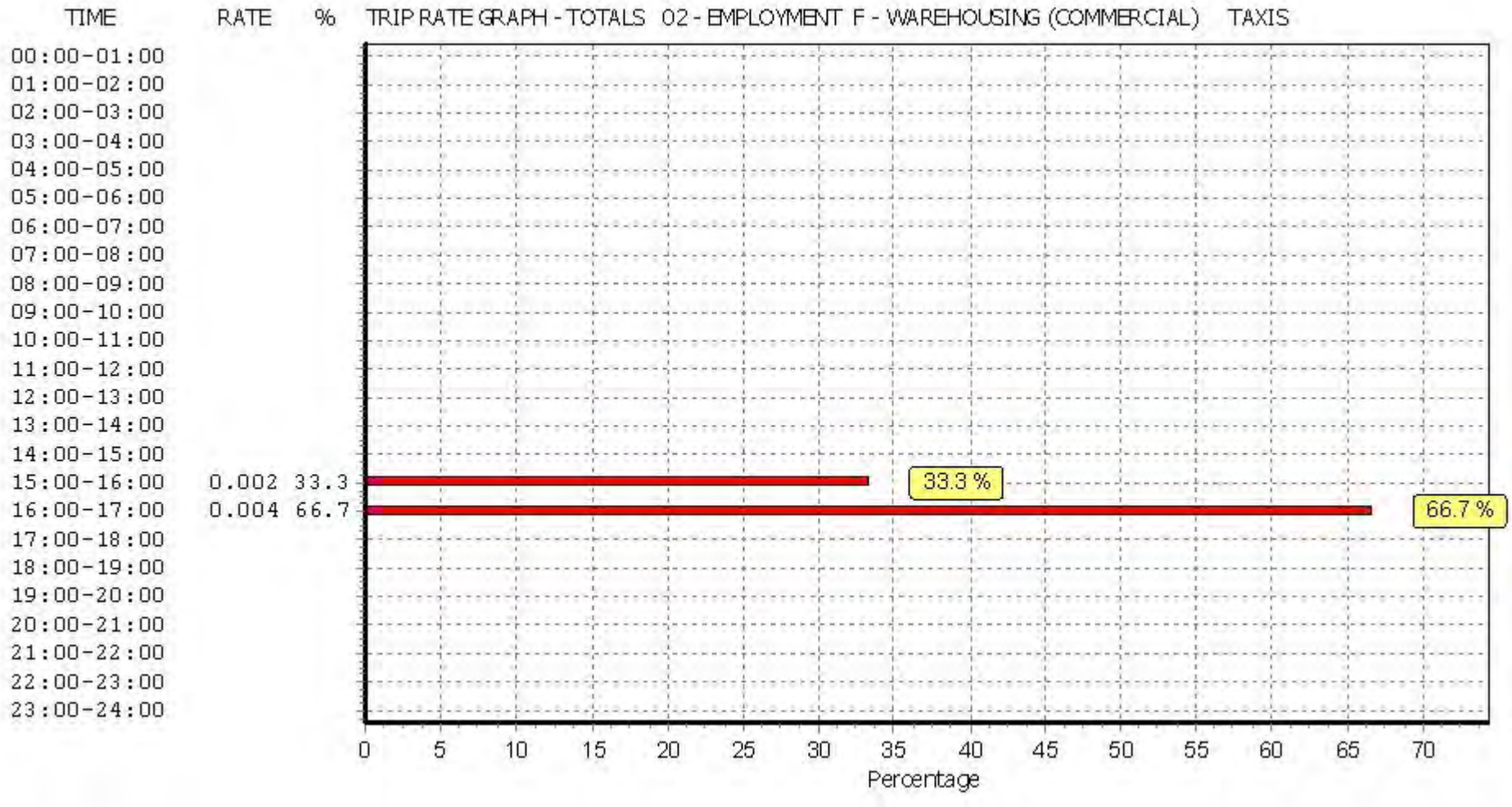

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TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)
OGVS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

	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	31721	0.009	4	31721	0.008	4	31721	0.017
08:00 - 09:00	4	31721	0.008	4	31721	0.004	4	31721	0.012
09:00 - 10:00	4	31721	0.014	4	31721	0.013	4	31721	0.027
10:00 - 11:00	4	31721	0.017	4	31721	0.018	4	31721	0.035
11:00 - 12:00	4	31721	0.011	4	31721	0.020	4	31721	0.031
12:00 - 13:00	4	31721	0.009	4	31721	0.017	4	31721	0.026
13:00 - 14:00	4	31721	0.013	4	31721	0.011	4	31721	0.024
14:00 - 15:00	4	31721	0.014	4	31721	0.009	4	31721	0.023
15:00 - 16:00	4	31721	0.010	4	31721	0.011	4	31721	0.021
16:00 - 17:00	4	31721	0.013	4	31721	0.002	4	31721	0.015
17:00 - 18:00	4	31721	0.004	4	31721	0.004	4	31721	0.008
18:00 - 19:00	4	31721	0.002	4	31721	0.002	4	31721	0.004
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.124			0.119			0.243

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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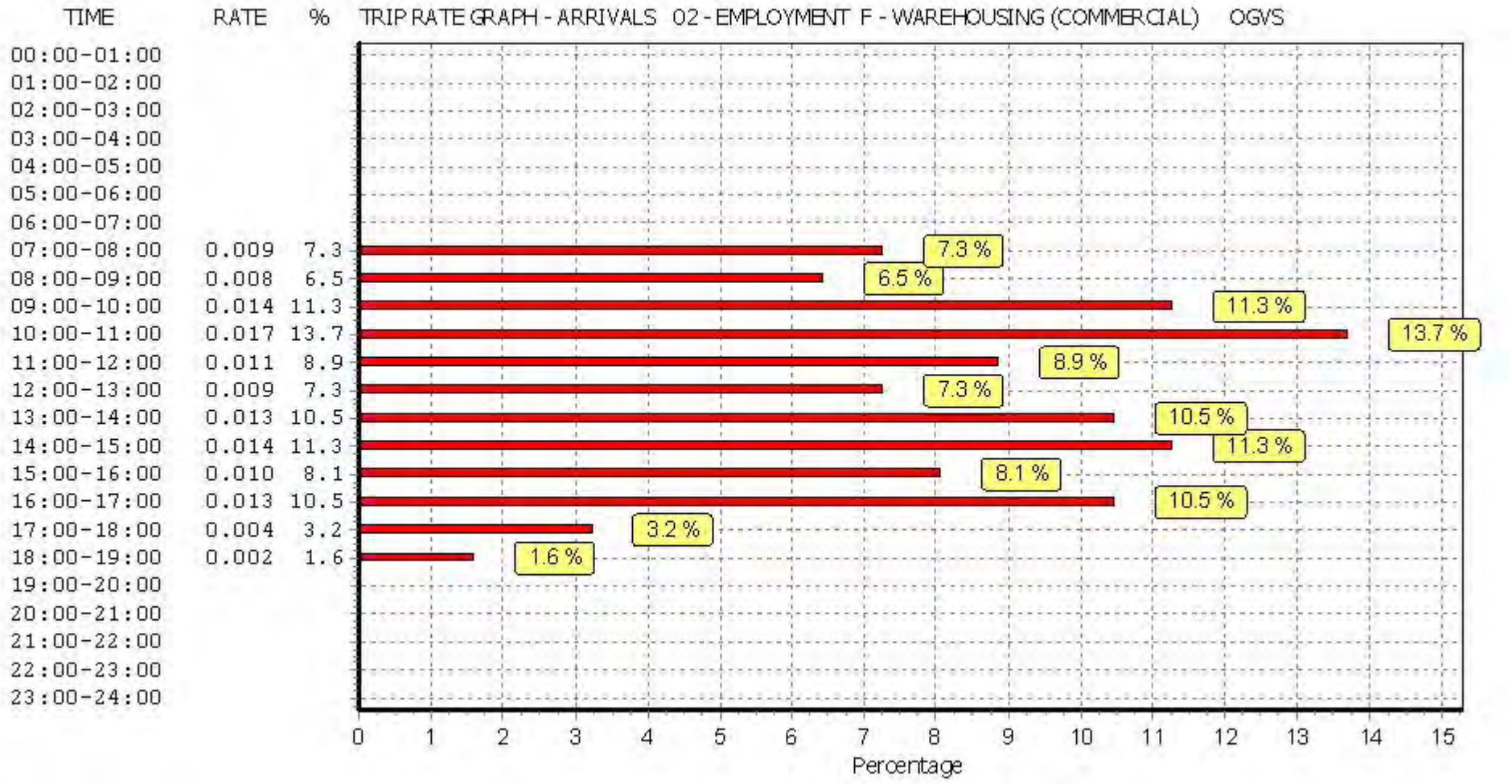

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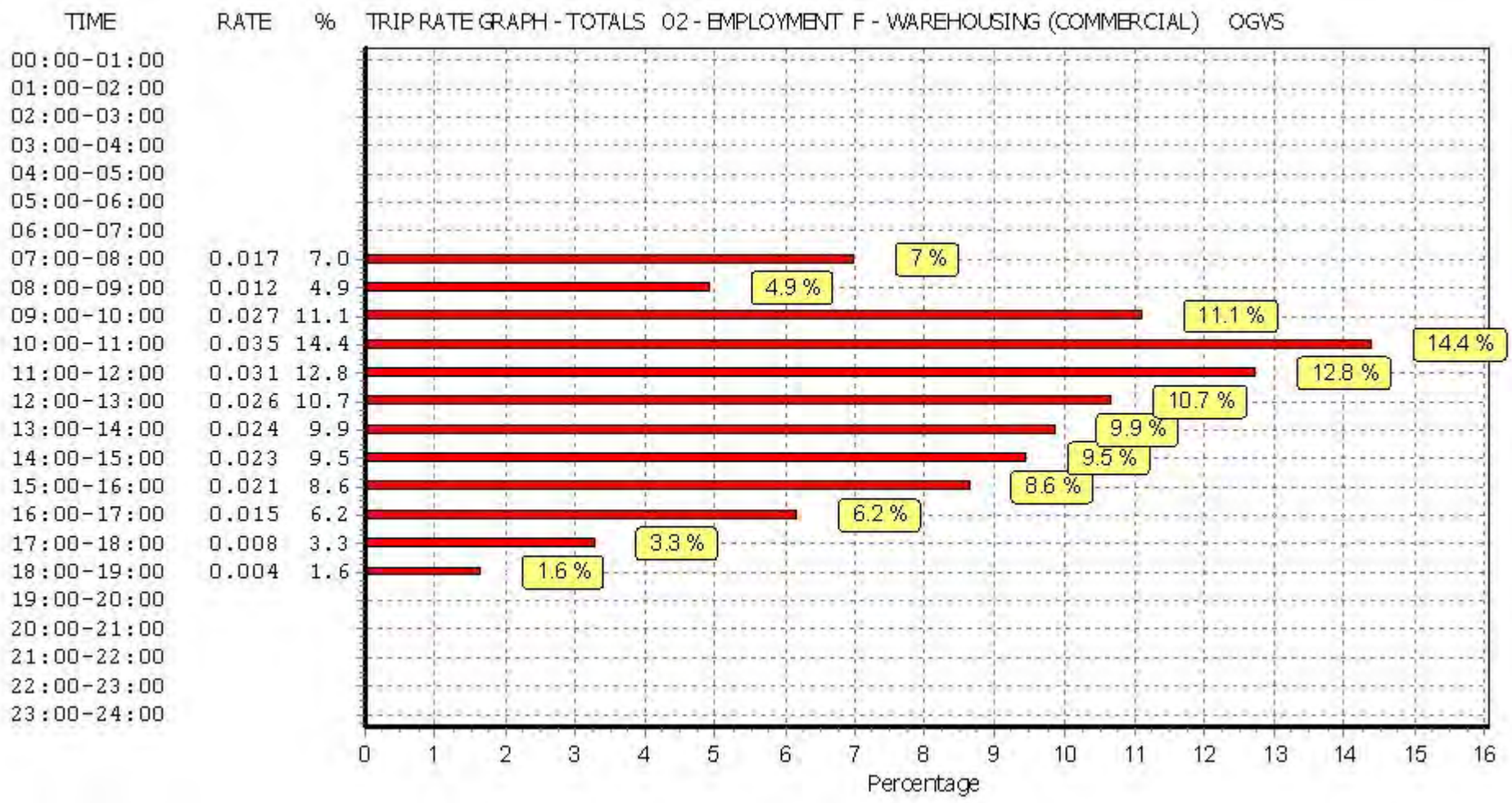

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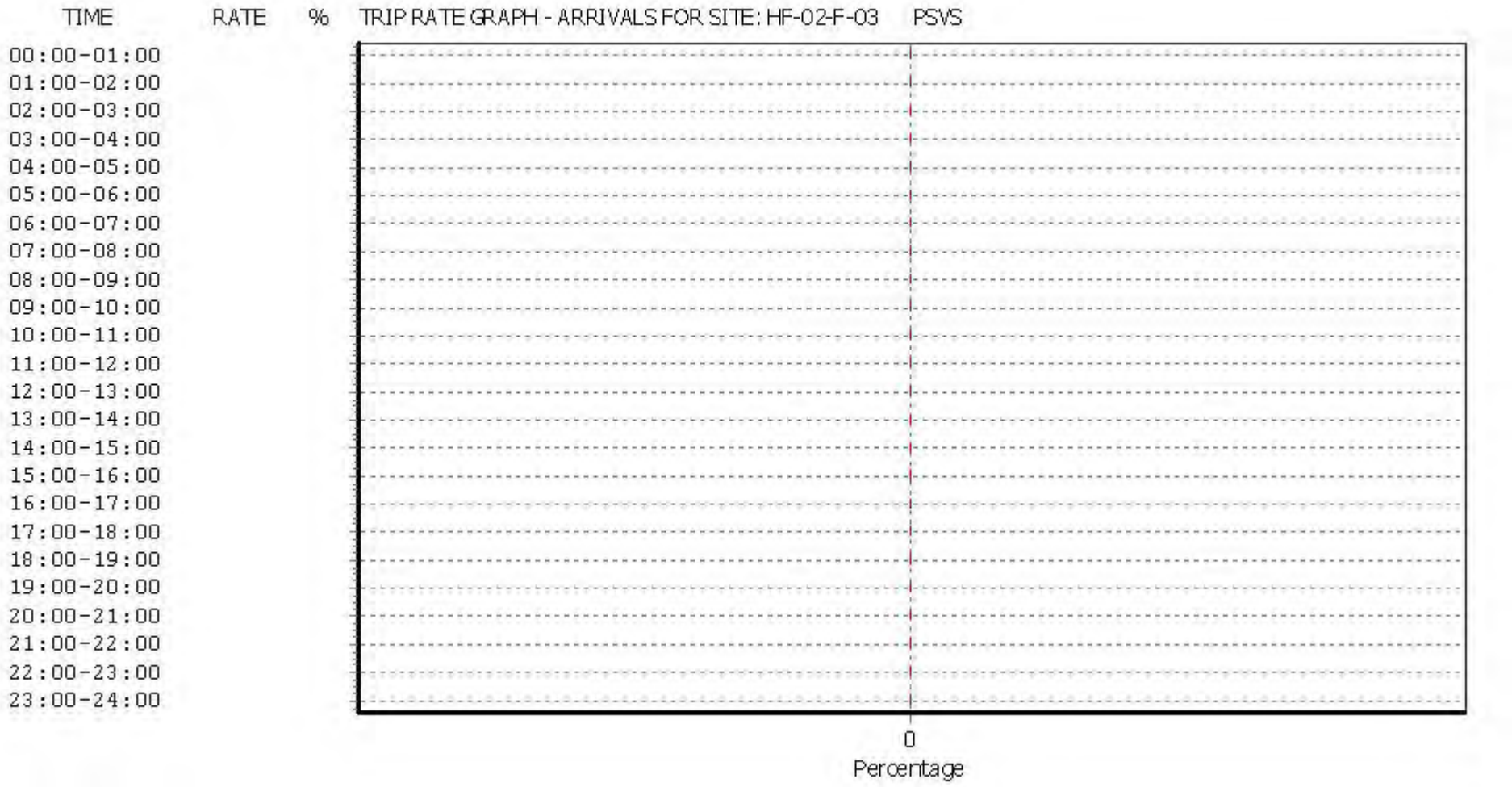
TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)
PSVS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

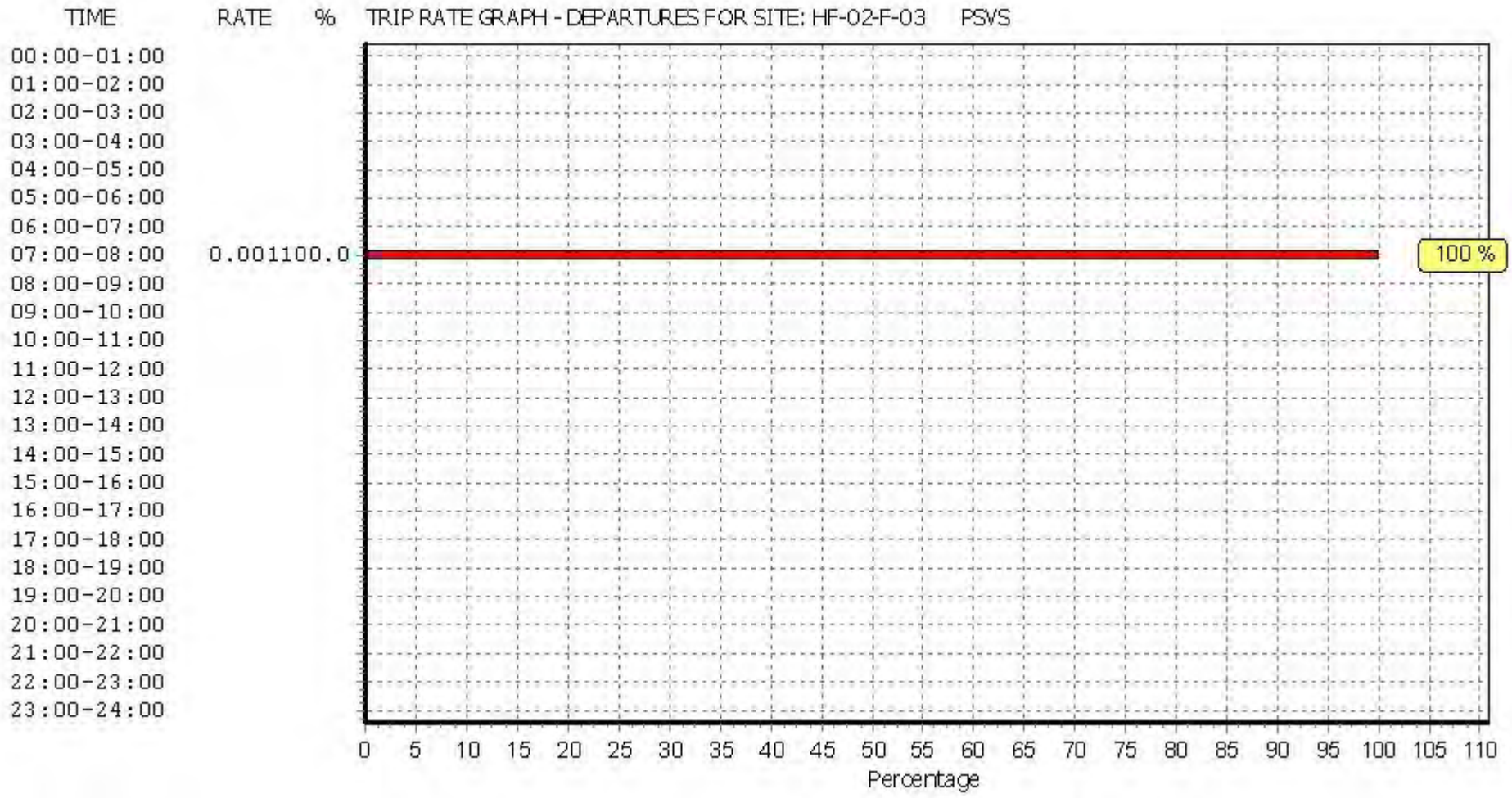
	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	4	31721	0.000	4	31721	0.001	4	31721	0.001
08:00 - 09:00	4	31721	0.000	4	31721	0.000	4	31721	0.000
09:00 - 10:00	4	31721	0.000	4	31721	0.000	4	31721	0.000
10:00 - 11:00	4	31721	0.000	4	31721	0.000	4	31721	0.000
11:00 - 12:00	4	31721	0.000	4	31721	0.000	4	31721	0.000
12:00 - 13:00	4	31721	0.000	4	31721	0.000	4	31721	0.000
13:00 - 14:00	4	31721	0.000	4	31721	0.000	4	31721	0.000
14:00 - 15:00	4	31721	0.000	4	31721	0.000	4	31721	0.000
15:00 - 16:00	4	31721	0.000	4	31721	0.000	4	31721	0.000
16:00 - 17:00	4	31721	0.000	4	31721	0.000	4	31721	0.000
17:00 - 18:00	4	31721	0.000	4	31721	0.000	4	31721	0.000
18:00 - 19:00	4	31721	0.000	4	31721	0.000	4	31721	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.000			0.001			0.001

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.

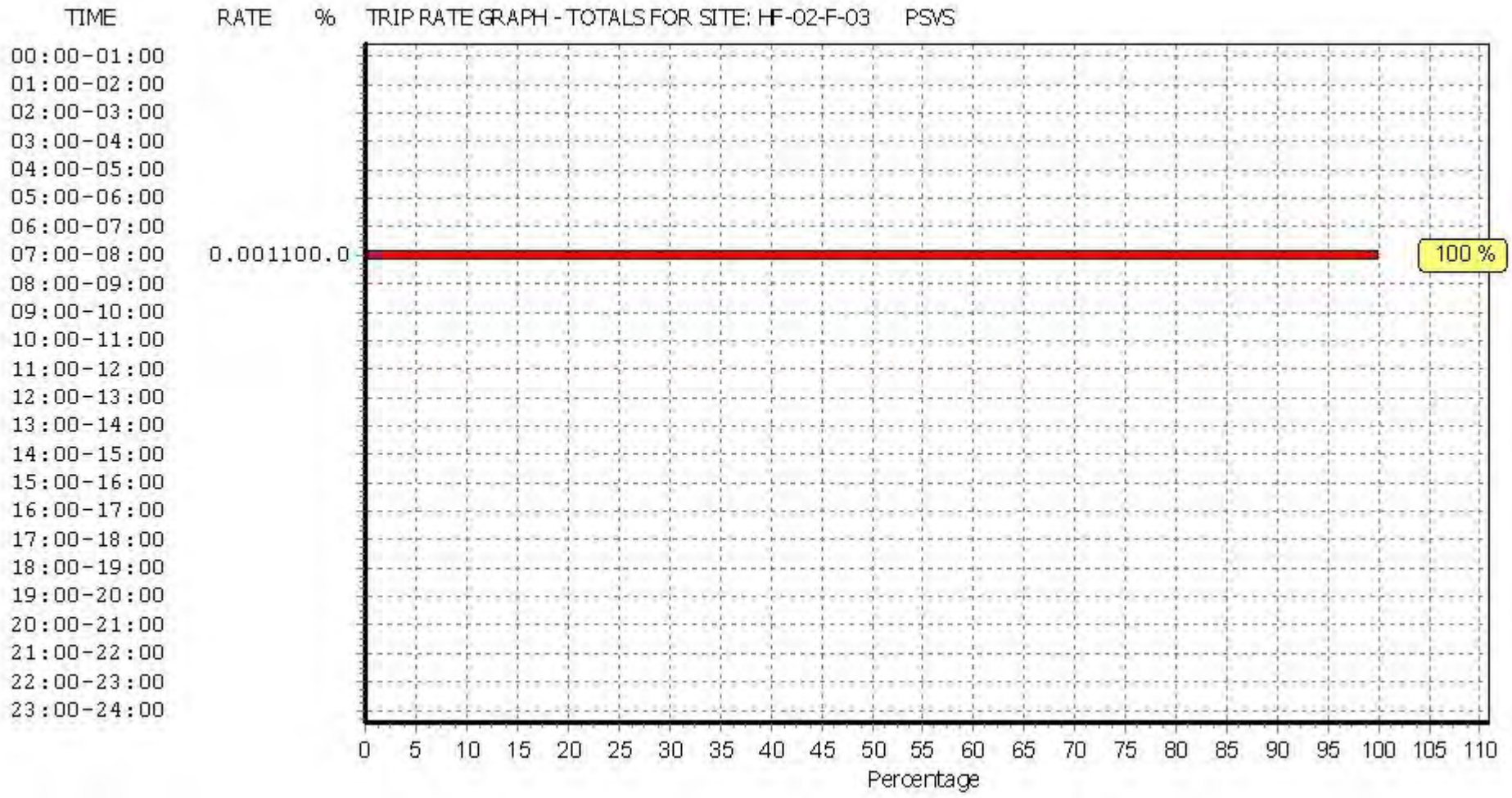
*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected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



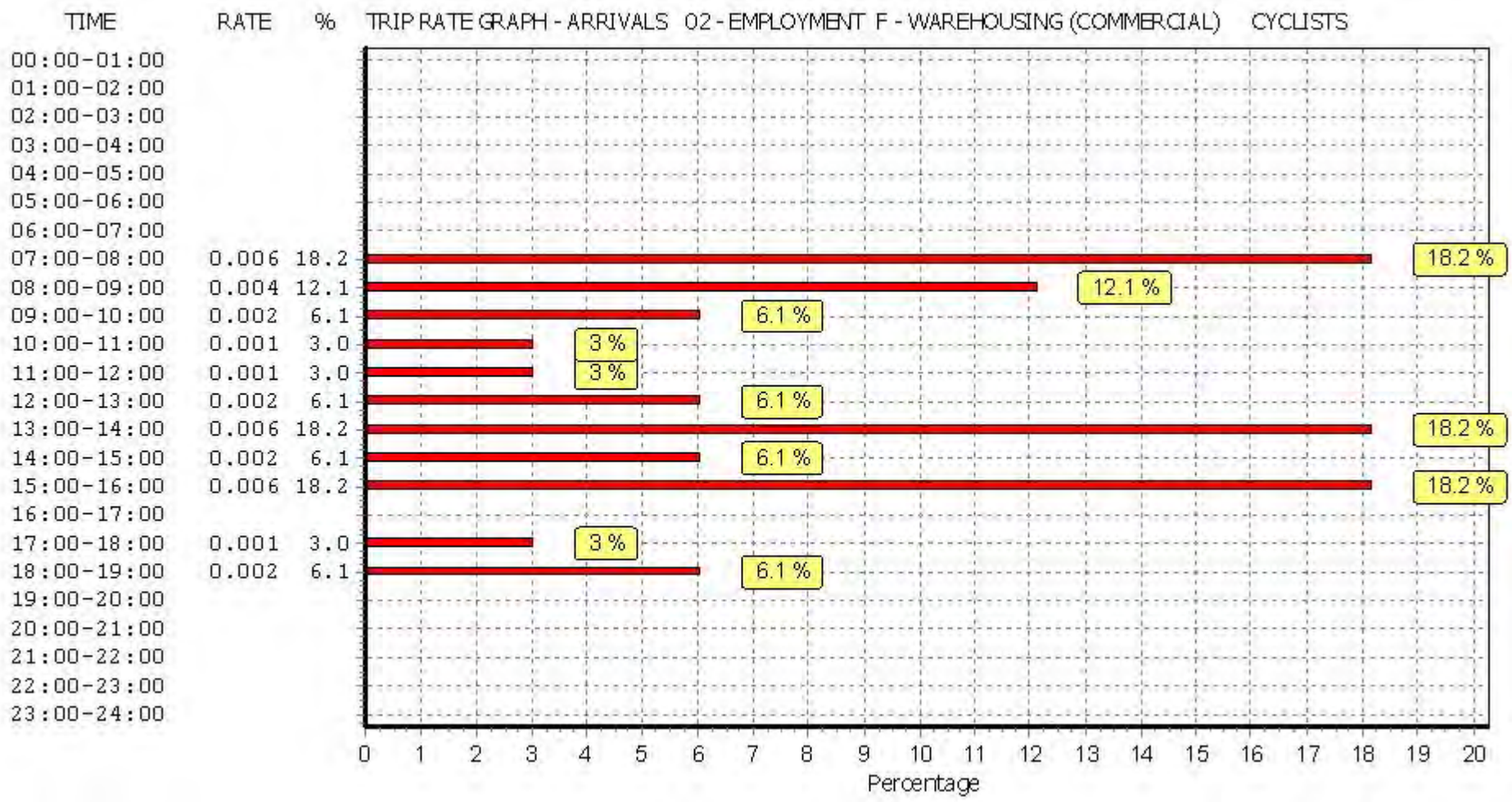
This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through 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/F - WAREHOUSING (COMMERCIAL)
CYCLISTS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

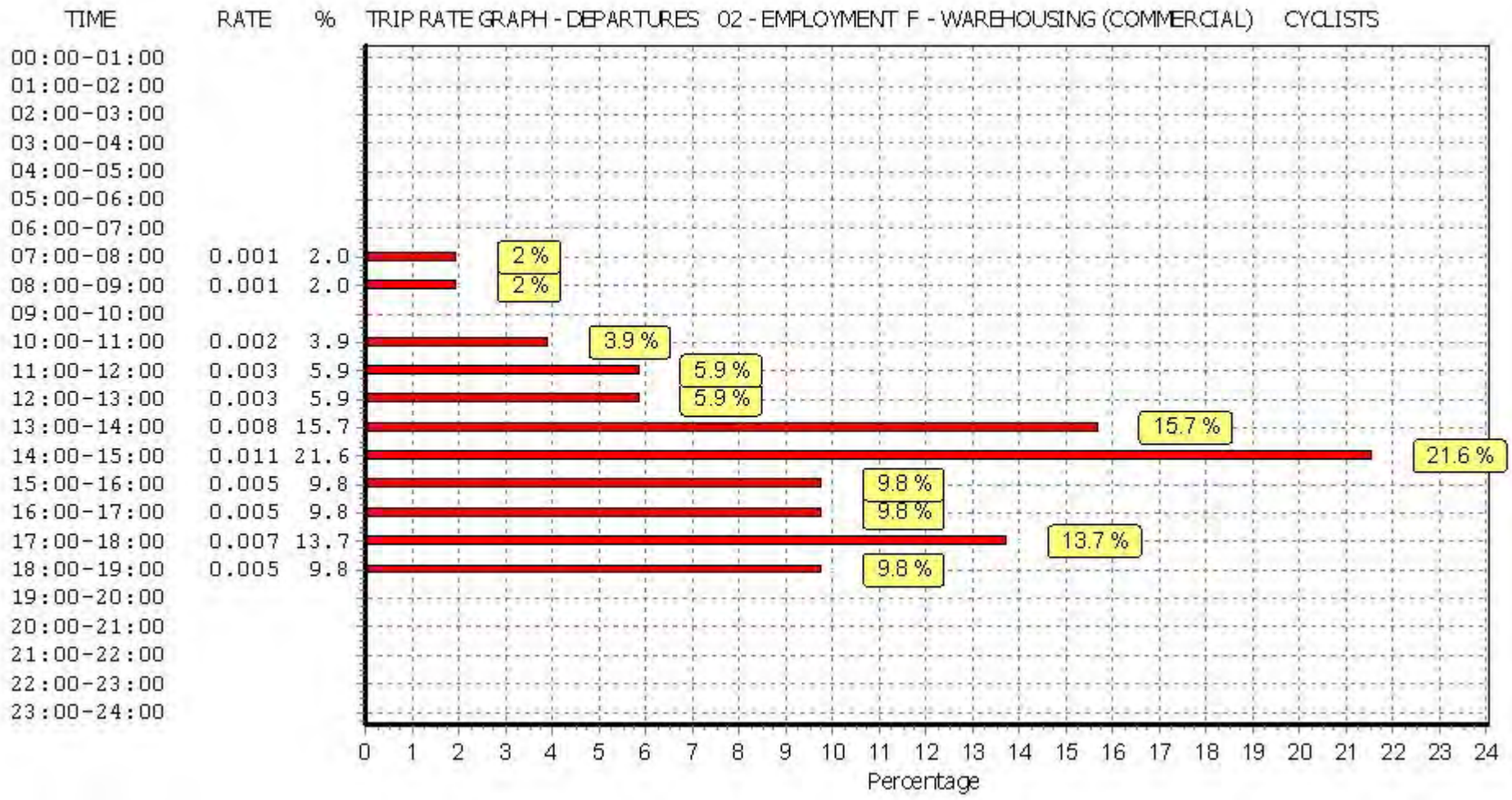
	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	4	31721	0.006	4	31721	0.001	4	31721	0.007
08:00 - 09:00	4	31721	0.004	4	31721	0.001	4	31721	0.005
09:00 - 10:00	4	31721	0.002	4	31721	0.000	4	31721	0.002
10:00 - 11:00	4	31721	0.001	4	31721	0.002	4	31721	0.003
11:00 - 12:00	4	31721	0.001	4	31721	0.003	4	31721	0.004
12:00 - 13:00	4	31721	0.002	4	31721	0.003	4	31721	0.005
13:00 - 14:00	4	31721	0.006	4	31721	0.008	4	31721	0.014
14:00 - 15:00	4	31721	0.002	4	31721	0.011	4	31721	0.013
15:00 - 16:00	4	31721	0.006	4	31721	0.005	4	31721	0.011
16:00 - 17:00	4	31721	0.000	4	31721	0.005	4	31721	0.005
17:00 - 18:00	4	31721	0.001	4	31721	0.007	4	31721	0.008
18:00 - 19:00	4	31721	0.002	4	31721	0.005	4	31721	0.007
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.033			0.051			0.084

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

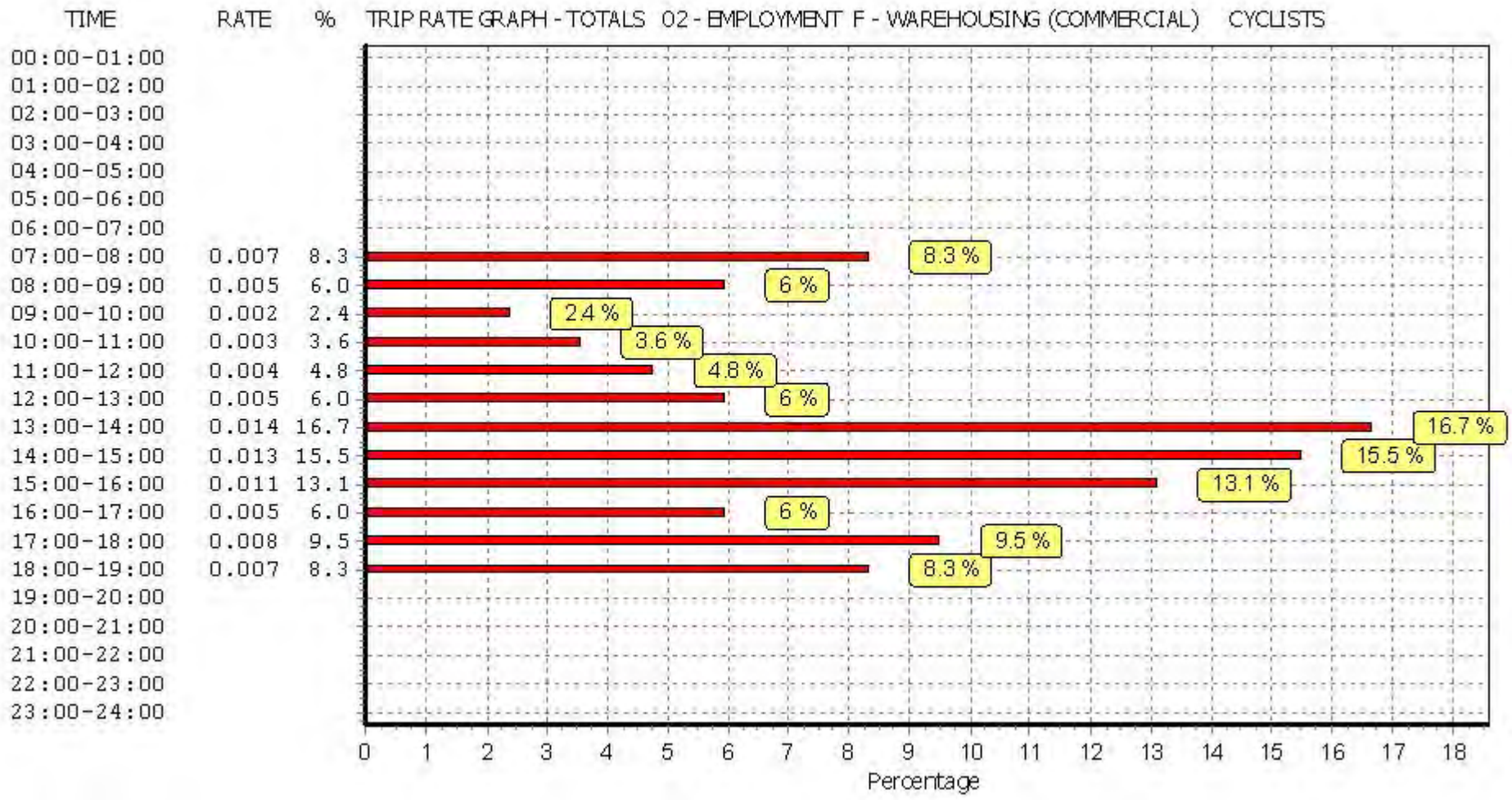
*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected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



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.

Appendix F – 2011 Census Journey to Work Data

WP703EW - Method of travel to work (2001 specification) (Workplace population)

population	All usual residents aged 16 to 74 in employment in the area the week before the census
units	Persons
area type	2011 super output areas - middle layer
area name	W02000250 : The Vale of Glamorgan 014

Method of travel to work	**2011**
All categories: Method of travel	5,648
Work mainly at or from home	529
Underground, metro, light rail o	1
Train	62
Bus, minibus or coach	91
Taxi	16
Motorcycle, scooter or moped	59
Driving a car or van	3,629
Passenger in a car or van	255
Bicycle	198
On foot	736
Other method of travel to work	72

In order to protect against disclosure of personal information, records have been swapped between different geographic areas. Some counts will be affected, particularly small counts at the lowest geographies.

Appendix G – 12-Hour Vehicle Trip Rates and Vehicle Trip Profiles

B1 12-Hour Initial and Proposed Vehicle Trip Rates and Vehicle Trips

Time	Initial						Proposed					
	Arrivals		Departures		Two-way		Arrivals		Departures		Two-way	
	Trip Rate	Trips	Trip Rate	Trips	Trip Rate	Trips	Trip Rate	Trips	Trip Rate	Trips	Trip Rate	Trips
07:00 – 08:00	0.595	452	0.089	68	0.684	519	0.483	366	0.072	55	0.555	421
08:00 – 09:00	1.313	**996**	0.217	**165**	1.530	**1,161**	1.065	**808**	0.176	**134**	1.241	**942**
09:00 – 10:00	0.718	545	0.258	196	0.976	741	0.582	442	0.209	159	0.792	601
10:00 – 11:00	0.276	209	0.208	158	0.484	367	0.224	170	0.169	128	0.393	298
11:00 – 12:00	0.221	168	0.236	179	0.457	347	0.179	136	0.191	145	0.371	281
12:00 – 13:00	0.327	248	0.429	326	0.756	574	0.265	201	0.348	264	0.613	465
13:00 – 14:00	0.400	304	0.354	269	0.754	572	0.324	246	0.287	218	0.611	464
14:00 – 15:00	0.248	188	0.288	219	0.536	407	0.201	153	0.234	177	0.435	330
15:00 – 16:00	0.195	148	0.405	307	0.600	455	0.158	120	0.328	249	0.487	369
16:00 – 17:00	0.175	133	0.861	653	1.036	786	0.142	108	0.698	530	0.840	638
17:00 – 18:00	0.156	**118**	0.995	**755**	1.151	**873**	0.127	**96**	0.807	**612**	0.933	**708**
18:00 – 19:00	0.073	55	0.358	272	0.431	327	0.059	45	0.290	220	0.350	265
07:00 – 19:00	4.697	**3,565**	4.698	**3,565**	9.395	**7,130**	3.809	**2,891**	3.810	**2,891**	7.619	**5,782**

B2 12-Hour Initial and Proposed Vehicle Trip Rates and Vehicle Trips

Time	Initial						Proposed					
	Arrivals		Departures		Two-way		Arrivals		Departures		Two-way	
	Trip Rate	Trips	Trip Rate	Trips	Trip Rate	Trips	Trip Rate	Trips	Trip Rate	Trips	Trip Rate	Trips
07:00 – 08:00	0.253	96	0.099	38	0.352	134	0.205	78	0.080	30	0.285	108
08:00 – 09:00	0.276	**105**	0.118	**45**	0.394	**150**	0.224	**85**	0.096	**36**	0.320	**121**
09:00 – 10:00	0.131	50	0.106	40	0.237	90	0.106	40	0.086	33	0.192	73
10:00 – 11:00	0.118	45	0.112	42	0.230	87	0.096	36	0.091	34	0.187	71
11:00 – 12:00	0.124	47	0.125	47	0.249	94	0.101	38	0.101	38	0.202	77
12:00 – 13:00	0.116	44	0.127	48	0.243	92	0.094	36	0.103	39	0.197	75
13:00 – 14:00	0.160	61	0.126	48	0.286	109	0.130	49	0.102	39	0.232	88
14:00 – 15:00	0.107	41	0.144	55	0.251	95	0.087	33	0.117	44	0.204	77
15:00 – 16:00	0.111	42	0.167	63	0.278	105	0.090	34	0.135	51	0.225	86
16:00 – 17:00	0.188	71	0.245	93	0.433	164	0.152	58	0.199	75	0.351	133
17:00 – 18:00	0.053	**20**	0.325	**123**	0.378	**143**	0.043	**16**	0.264	**100**	0.307	**116**
18:00 – 19:00	0.058	22	0.107	41	0.165	63	0.047	18	0.087	33	0.134	51
07:00 – 19:00	1.695	**643**	1.801	**683**	3.496	**1,327**	1.375	**522**	1.461	**554**	2.835	**1,076**

B8 12-Hour Initial and Proposed Vehicle Trip Rates and Vehicle Trips

Time	Initial						Proposed					
	Arrivals		Departures		Two-way		Arrivals		Departures		Two-way	
	Trip Rate	Trips	Trip Rate	Trips	Trip Rate	Trips	Trip Rate	Trips	Trip Rate	Trips	Trip Rate	Trips
07:00 – 08:00	0.11	83	0.080	61	0.190	144	0.089	68	0.065	49	0.154	117
08:00 – 09:00	0.091	**69**	0.048	**36**	0.139	**105**	0.074	**56**	0.039	**30**	0.113	**86**
09:00 – 10:00	0.084	64	0.066	50	0.150	114	0.068	52	0.054	41	0.122	92
10:00 – 11:00	0.065	49	0.065	49	0.130	99	0.053	40	0.053	40	0.105	80
11:00 – 12:00	0.064	49	0.069	52	0.133	101	0.052	39	0.056	42	0.108	82
12:00 – 13:00	0.068	52	0.074	56	0.142	108	0.055	42	0.060	46	0.115	87
13:00 – 14:00	0.095	72	0.085	65	0.180	137	0.077	58	0.069	52	0.146	111
14:00 – 15:00	0.106	80	0.126	96	0.232	176	0.086	65	0.102	78	0.188	143
15:00 – 16:00	0.106	80	0.128	97	0.234	178	0.086	65	0.104	79	0.190	144
16:00 – 17:00	0.080	61	0.125	95	0.205	156	0.065	49	0.101	77	0.166	126
17:00 – 18:00	0.024	**18**	0.086	**65**	0.110	**83**	0.019	**15**	0.070	**53**	0.089	**68**
18:00 – 19:00	0.013	10	0.054	41	0.067	51	0.011	8	0.044	33	0.054	41
07:00 – 19:00	0.906	**688**	1.006	**763**	1.912	**1,451**	0.735	**558**	0.816	**619**	1.551	**1,177**

B1, B2, B8 Total 12-Hour Initial and Proposed Vehicle Trips

Time	Initial						Proposed					
	Arrivals		Departures		Two-way		Arrivals		Departures		Two-way	
	Trip Rate	Trips	Trip Rate	Trips	Trip Rate	Trips	Trip Rate	Trips	Trip Rate	Trips	Trip Rate	Trips
07:00 – 08:00		631		166		797		512		134		646
08:00 – 09:00		**1,170**		**246**		**1,416**		**949**		**199**		**1,148**
09:00 – 10:00		658		286		944		534		232		766
10:00 – 11:00		304		250		553		246		202		449
11:00 – 12:00		263		279		542		214		226		440
12:00 – 13:00		344		430		774		279		349		627
13:00 – 14:00		436		381		817		354		309		663
14:00 – 15:00		309		369		678		251		299		550
15:00 – 16:00		271		468		738		219		379		599
16:00 – 17:00		265		841		1,106		215		682		897
17:00 – 18:00		**157**		**944**		**1,100**		**127**		**765**		**892**
18:00 – 19:00		87		353		441		71		287		357
07:00 – 19:00		**4,895**		**5,012**		**9,907**		**3,970**		**4,065**		**8,035**

MAKING COMPLEX EASY

Contact

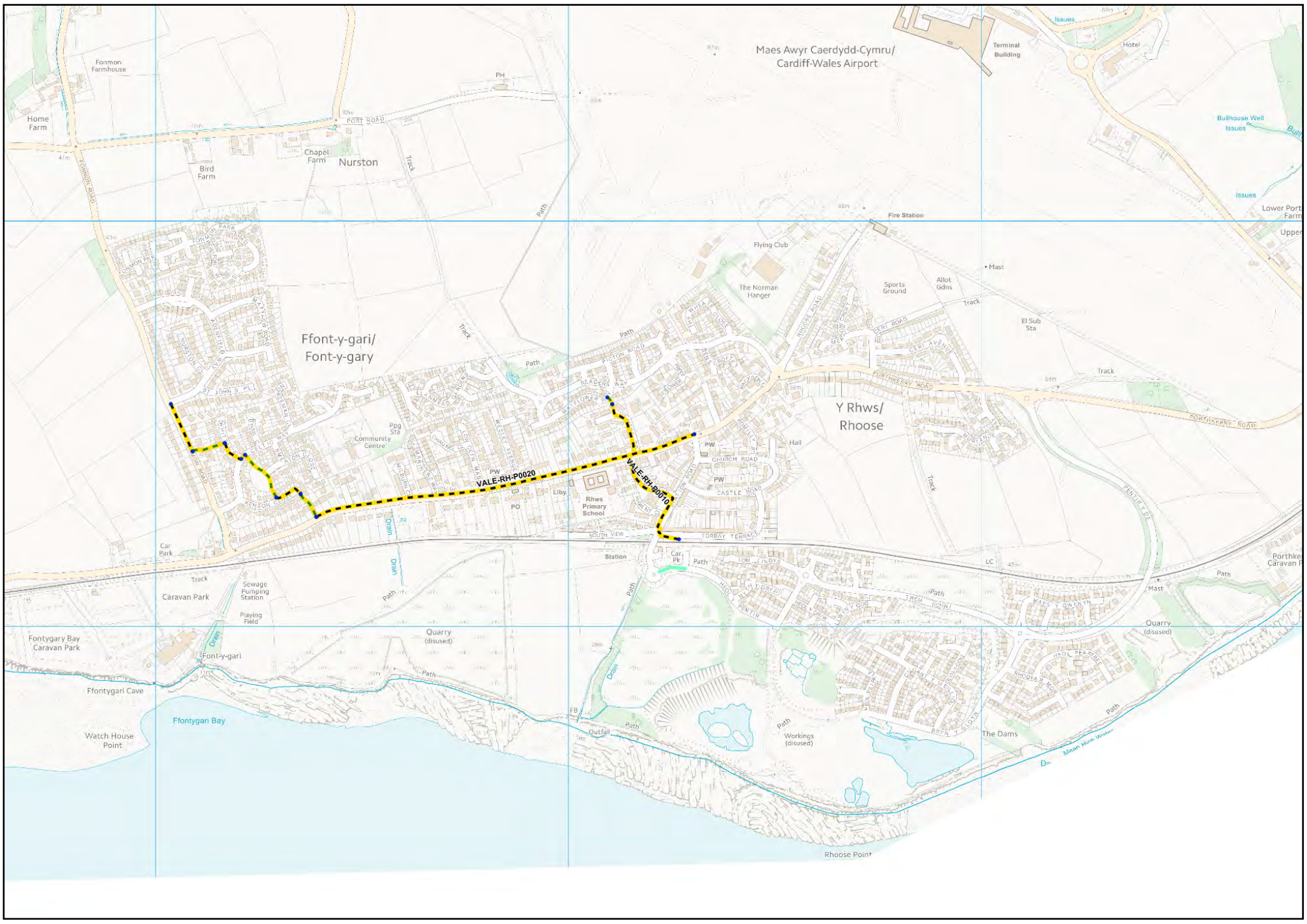
RPS Consulting Services Ltd
260 Park Avenue
Aztec West
Almondsbury
Bristol BS32 4SY
T: +44(0) 1454 853 000
transport@rpsgroup.com

Appendix E – Rhoose & Barry Existing Active Travel Route Maps

Rhoose Pedestrian

Produced by the Active Travel web site. Gynhyrchwyd gan y wefan Teithio Llesol.

Vale of Glamorgan Council
Civic Offices
Holton Road
Barry, CF63 4RU



Legend / Eglurhad

Active Travel Routes / Llwybrau Teithio Llesol

- Undefined path design / Dyluniad llwybr heb ei ddiffinio
- Footpath (away from road) / Llwybr troed (i ffwrdd o'r ffordd)
- Footway (alongside road) / Troedffordd (ochr yn ochr â ffordd)
- Cycle track (away from road) / Trac beicio (i ffwrdd o'r ffordd)
- Cycle track (alongside road) / Trac beicio (ochr yn ochr â ffordd)
- Shared use foot/cycle path (away from road) / Llwybr cerdded/beicio a rennir (i ffwrdd o'r ffordd)
- Shared use foot/cycle path (alongside road) / Llwybr cerdded/beicio a rennir (ochr yn ochr â ffordd)
- Segregated foot/cycle path (away from road) / Llwybr cerdded/beicio wedi'i wahanu (i ffwrdd o'r ffordd)
- Segregated foot/cycle path (alongside road) / Llwybr cerdded/beicio wedi'i wahanu (ochr yn ochr â ffordd)
- Cycle route (on road, not segregated) / Lôn feicio (ar y ffordd, heb ei gwahanu)
- Cycle lane (on road, segregated) / Lôn feicio (ar y ffordd, wedi'i gwahanu)
- Pedestrian zone / Ardal cerdded
- Pedestrian and cycle zone / Ardal cerdded a beicio
- Road without footway / Ffordd heb droedffordd
- Statement / Datganiad

- Line end points / Pwyntiau diwedd llinell

Integrated Network / Rhwydwaith Integredig

N

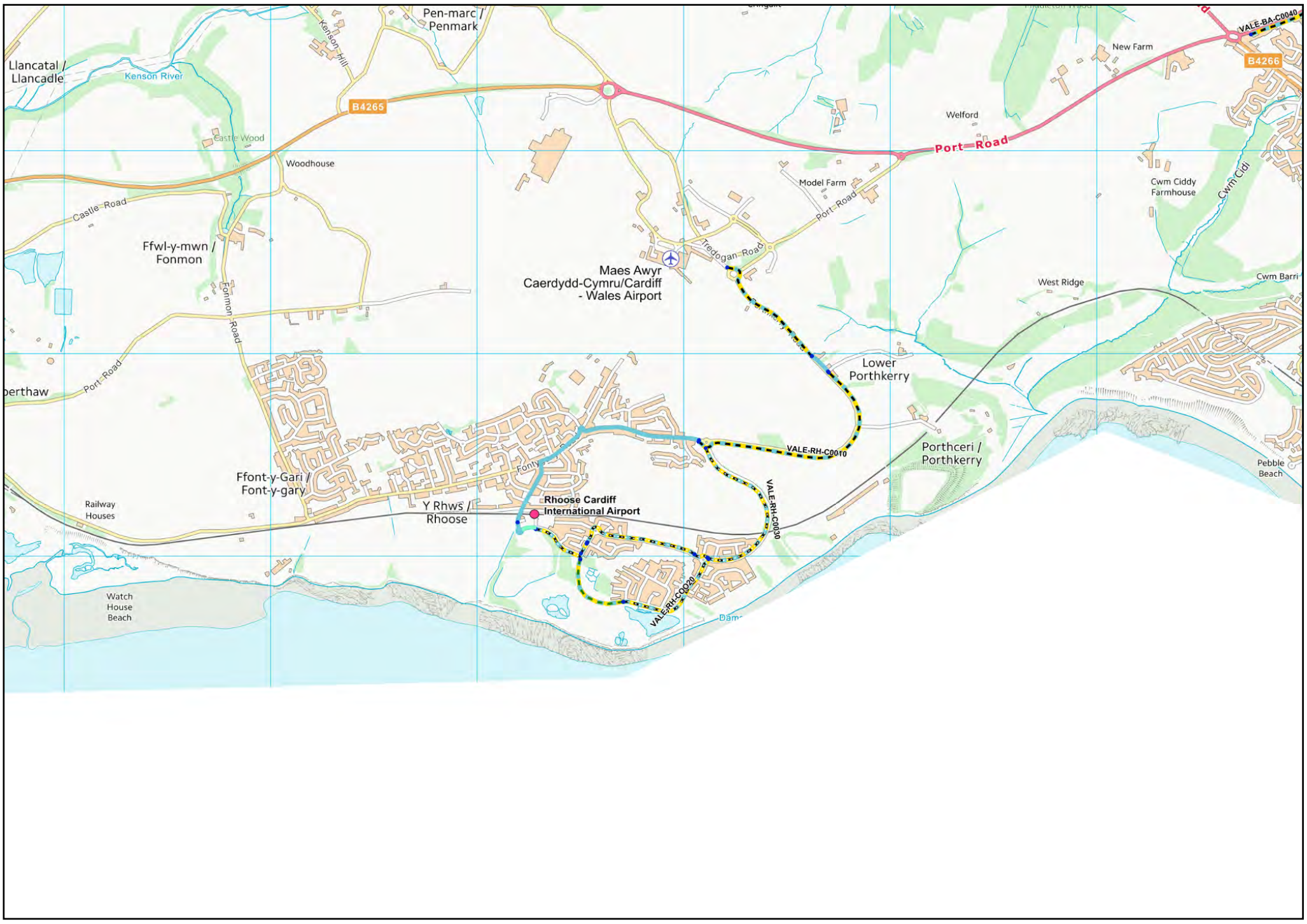
Llywodraeth Cymru
Welsh Government

19 Jan 2016 12:32 PM

Rhoose Cycle

Produced by the Active Travel web site. Gynhyrchwyd gan y wefan Teithio Llesol.

Vale of Glamorgan Council
Civic Offices
Holton Road
Barry, CF63 4RU



Legend / Eglurhad

Active Travel Routes / Llwybrau Teithio Llesol

- Undefined path design / Dyluniad llwybr heb ei ddiffinio
- Footpath (away from road) / Llwybr troed (i ffwrdd o'r ffordd)
- Footway (alongside road) / Troedffordd (ochr yn ochr â ffordd)
- Cycle track (away from road) / Trac beicio (i ffwrdd o'r ffordd)
- Cycle track (alongside road) / Trac beicio (ochr yn ochr â ffordd)
- Shared use foot/cycle path (away from road) / Llwybr cerdded/beicio a rennir (i ffwrdd o'r ffordd)
- Shared use foot/cycle path (alongside road) / Llwybr cerdded/beicio a rennir (ochr yn ochr â ffordd)
- Segregated foot/cycle path (away from road) / Llwybr cerdded/beicio wedi'i wahanu (i ffwrdd o'r ffordd)
- Segregated foot/cycle path (alongside road) / Llwybr cerdded/beicio wedi'i wahanu (ochr yn ochr â ffordd)
- Cycle route (on road, not segregated) / Lôn feicio (ar y ffordd, heb ei gwahanu)
- Cycle lane (on road, segregated) / Lôn feicio (ar y ffordd, wedi'i gwahanu)
- Pedestrian zone / Ardal cerdded
- Pedestrian and cycle zone / Ardal cerdded a beicio
- Road without footway / Ffordd heb droedffordd
- Statement / Datganiad

- Line end points / Pwyntiau diwedd llinell

Integrated Network / Rhwydwaith Integredig

N

Llywodraeth Cymru
Welsh Government

19 Jan 2016 12:36 PM